*ECM*

**environmental compliance monitoring, inc.**

# PERIODIC REVIEW REPORT
# LONG TERM GROUND WATER MONITORING PROGRAM
# ANNUAL REPORT

## JANUARY 2021 – DECEMBER 2021

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

**SUBMITTED TO:**

**NEW YORK STATE**
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**DIVISION OF ENVIRONMENTAL REMEDIATION**
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# TABLE OF CONTENTS


1.0 Introduction .....1

2.0 Site Overview .....3

2.1 Kay Fries Property .....3

2.2 Site Remedial Program .....3

2.3 Current Site Status and Remedy .....4

3.0 Evaluation of Remedy Performance, Effectiveness, and Protectiveness .....6

4.0 Institutional and Engineering Control Plan Compliance Report .....7

5.0 Monitoring Plan Compliance Report .....8

5.1 Ground Water Flow .....8

5.2 Ground Water Monitoring Program .....8

5.2.1 Long Term Ground Water Monitoring Program .....8

5.2.2 MW-31 In-Situ Post-Application Ground Water Monitoring Program .....9

5.2.3 MW-24 and MW-71 Delineation Results Ground Water Monitoring Program .....9

5.2.4 Current Ground Water Monitoring Program .....10

5.3 Annual Ground Water Monitoring Results .....11

6.0 Operation and Maintenance Plan Compliance Report .....13

7.0 Technical Conclusions and Recommendations .....14

## LIST OF TABLES


| | |
|---|---|
| Table 1 | Analytical Hits Summary for Ground Water Samples – OU1&2; September 2021 |
| Table 2 | Historical Summary of Detected Volatile Organic Compounds MW-31 |
| Table 3 | Historical Summary of Detected Volatile Organic Compounds MW-43 |
| Table 4 | Historical Summary of Detected Volatile Organic Compounds MW-71 |
| Table 5 | Historical Summary of Detected Volatile Organic Compounds MW-24 |
| Table 6 | Historical Summary of Detected Volatile Organic Compounds MW-54 |


## LIST OF FIGURES


| | |
|---|---|
| Figure 1 | Site Location Map |
| Figure 2 | Operable Units - 1 and 2 Location Map |
| Figure 3 | OU1 GW Contour Map – September 2021 |
| Figure 4 | OU2 GW Contour Map – September 2021 |
| Figure 5 | Analytical Results Summary for OU1 – September 2021 |
| Figure 6 | Analytical Results Summary for OU2 – September 2021 |


## LIST OF APPENDICES


| | |
|---|---|
| Appendix A | Summary of Ground Water Level Measurements and Survey Data |
| Appendix B | Analytical Data Package – September 2021 |

## 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 2021 through December 2021. 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 (LTGWMP) within OU1 was proposed in place 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 2021, 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 2021.

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 (within OU2) from every fifth quarter to sampling on an annual basis concurrent with the OU1 LTGWMP. Monitoring well MW-54 sampling was conducted on September 21, 2021, and the results are summarized in Section 5.3 of this PRR.

## 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 place 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 2021 monitoring period, synoptic water level measurements were collected on September 21, 2021, and ground water monitoring was conducted as required by the site long term ground water monitoring program presented in the 2020 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. 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.

The engineering control to mitigate ground water at the site previously entailed the GWTS and recovery network. 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 was submitted to the NYSDEC on November 6, 2019 and subsequently approved by the NYSDEC in their letter dated March 26, 2021.

# 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 21, 2021. 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 as 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 2021. 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 LTGWMP 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 2020 PRR recommendation and NYSDEC approval, the 2021 the LTGWMP entailed annual monitoring of PZ-23, MW-24, MW-31, MW-36, MW-43, MW-71, and MW-54 during September 2021. The NYSDEC 2017 PRR letter dated July 16, 2017, approved the recommendation to sample the site's 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 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 LTGWMP. The MW-24 and PZ-23 sampling was conducted on September 21, 2021, 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 2020 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 2021 annual ground water monitoring event was conducted on September 21, 2021. 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 2021 ground water monitoring events for OU1 and OU2 are summarized in Table 1 and depicted in 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 2020 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 LTGWMP. 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 showed a decreasing trend (Table 5). Vinyl chloride has been reported at the GWQC for the last two years (2020 & 2021 events).

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. Two VOCs (chlorobenzene, and chloroethane) were reported in MW-31 above the GWQC, chlorobenzene at levels consistent with the September 2020 sampling event whereas chloroethane

decreased significantly. The benzene concentration, which has previously been above the GWQC through 2019, continued its downward trend and was detected at or below the GWQC in 2020 and 2021.

d. The results from the downgradient well, MW-36, indicated VOCs were not detected (Table 1) in MW-36, 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 chlorobenzene at levels above the GWQC while the benzene level decreased and has been reported below the GWQC since 2019 (Table 4).

A review of the analytical results for MW-54 within OU2 report tetrachloroethene (PCE) consistent with 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 during 2021 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 2021 monitoring period are summarized below.

- The site-wide ground water monitoring program was conducted on September 21, 2021.
- This Periodic Review Report was prepared for the period January through December 2021.

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 event conducted from January through December 2021 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. Two VOCs (chlorobenzene and chloroethane) were reported in MW-31 during the September 2021 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. Benzene levels have decreased through 2021 and is below the GWQC of 1.0 µg/L (Table 2). During the 2021 event, chloroethane decreased an order of magnitude from the 2020 event. The concentration of chlorobenzene has fluctuated slightly and remained consistent with the previous sampling event. 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 has been

reported at a concentration below the GWQC of 1.0 µg/L since September 2019. The trichloroethene concentration has decreased consistently since 2013 and has been below the NYSDEC GWQC for the last five years. Chlorobenzene and vinyl chloride concentrations, although marginally above the GWQC have shown a decreasing trend. The trans-1,2-dichloroethane is the only VOC in MW-24 that continues to fluctuate. The absence of these VOCs downgradient of MW-24 in PZ-23 and MW-43 (Figure 5) documents 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 level has been reported at or below the GWQC for the last three sample events since 2019 and chlorobenzene levels have fluctuated over time but have been trending down since April 2017 (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 above the NYSDEC GWQC in the downgradient MW-43 during the September 2021 event (Table 1).

6. The September 2021 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<br>Former Kay Fries Site<br>Evonik Corporation<br>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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In 2022, 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 2021**
**Former Kay Fries Site – Evonik Corporation – Stony Point, New York**
**ECM Project #1192**

| | | | | | | | Operable Unit 2 | |
|---|---|---|---|---|---|---|---|---|
| Sample Identification | **PZ-23** | **MW-24** | **MW-31** | **MW-36** | **MW-43** | **MW-71** | **MW-54** | **GWQC** |
| Sample Date | 09/21/21 | 09/21/21 | 09/21/21 | 09/21/21 | 09/21/21 | 09/21/21 | 09/21/21 | |
| Laboratory Identification | 460-243332-3 | 460-243332-7 | 460-243332-6 | 460-243332-5 | 460-243332-2 | 460-243332-8 | 460-243332-9 | |
| **TCL Volatile Organics** | | | | | | | | |
| 1,1-Dichloroethane | ND < 0.26 | ND < 0.26 | 0.42 J | ND < 0.26 | ND < 0.26 | 3.3 | ND < 0.26 | 5 |
| 1,1-Dichloroethene | ND < 0.26 | ND < 0.26 | ND < 0.26 | ND < 0.26 | ND < 0.26 | ND < 0.26 | ND < 0.26 | 5 |
| 1,4-Dioxane | 83 | ND < 28 | ND < 28 | ND < 28 | 170 | ND <28 | ND < 28 | NA |
| Benzene | ND < 0.20 | 0.63 J | 0.86 J | ND < 0.20 | ND < 0.20 | 0.39 J | ND < 0.20 | 1 |
| Chlorobenzene | ND < 0.38 | ***32*** | ***220*** | ND < 0.38 | ND < 0.38 | ***51*** | ND < 0.38 | 5 |
| Chloroethane | ND < 0.32 | ND < 0.32 | ***9.2*** | ND < 0.32 | ND < 0.32 | ND < 0.32 | ND < 0.32 | 5 |
| cis-1,2-Dichloroethene | ND < 0.22 | ***61*** | 0.37 J | ND < 0.22 | ND < 0.22 | ND < 0.22 | ND < 0.22 | 5 |
| Tetrachloroethene | ND < 0.25 | ND < 0.25 | ND < 0.25 | ND < 0.25 | ND < 0.25 | ND < 0.25 | ***7.4*** | 5 |
| Toluene | ND < 0.38 | ND < 0.38 | 0.61 J | ND < 0.38 | ND < 0.38 | ND <0.38 | ND < 0.38 | 5 |
| trans-1,2-Dichloroethene | ND < 0.24 | ***34*** | ND < 0.24 | ND < 0.24 | ND < 0.24 | ND < 0.24 | ND < 0.24 | 5 |
| Trichloroethene | ND < 0.31 | 2.0 | 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 | ND <0.17 | ND < 0.17 | ND < 0.17 | 2 |
| Xylenes, Total | ND < 0.30 | ND < 0.65 | ND < 0.65 | ND < 0.65 | ND < 0.30 | ND < 0.65 | ND < 0.65 | 5 |
| Total VOC | 83.0 | 131.73 | 232.33 | 0.0 | 170.0 | 54.69 | 7.4 | NA |
| Total VOC TICs | 0.0 | 0.0 | 243.5 | 0.0 | 0.0 | 17.0 | 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 | Dec-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 | 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 | 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** | **38** | 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** | **200** | 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** | **750** | 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 | ND | 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 | 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 | 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 | Sep-21 | 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 | 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 | 0.42 J | 5 |
| Benzene | **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 | 0.86 J | 1 |
| Chlorobenzene | **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** | **220** | 5 |
| Chloroethane | **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** | **9.2** | 5 |
| Toluene | 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 | 0.61 J | 5 |
| Vinyl Chloride | 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 | 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 | Sep-21 | 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 | 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 | 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 | 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 | Sep-21 | 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 | 0.39 J | 1 |
| Chlorobenzene | **200** | **210** | **180** | **120** | **190** | **160** | **120** | 17 | **160** | **60** | **64** | **69** | **84** | **66** | **64** | **39** | **78** | **51** | 5 |
| Chloroethane | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.65 J | ND | 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 | 3.3 | 5 |

Notes:
GWQC: NYSDEC Ground Water Quality Criteria.
**Bold:** Compound Reported Above GWQC
J: Estimated value greater than the Method Detection Limit but lower than the reporting limit.
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 | September 2021 | 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 | 0.63 J | 1 |
| Chlorobenzene | **43** | **41** | **55** | **46** | **24** | **25** | **21** | **58** | **46** | **150** | **51** | **42** | **36** | **32** | 5 |
| Cis-1,2-dichloroethene | 20 | 31 | 48 | 34 | 38 | 49 | 32 | 47 | 36 | 30 | 38 | 33 | 60 | 61 | NA |
| Tetrachloroethene (PCE) | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.26 J | 0.52 J | ND | ND | 5 |
| Trans-1,2-dichloroethene | **10** | **18** | **29** | **19** | **20** | **30** | **19** | **30** | **25** | **21** | **25** | **19** | **33** | **34** | 5 |
| Trichloroethene (TCE) | **32** | **28** | **29** | **20** | **35** | **27** | **25** | **11** | **7.3** | 0.81 J | 4.7 | 4.2 | 2.6 | 2.0 | 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 | 2.1 | 2 |

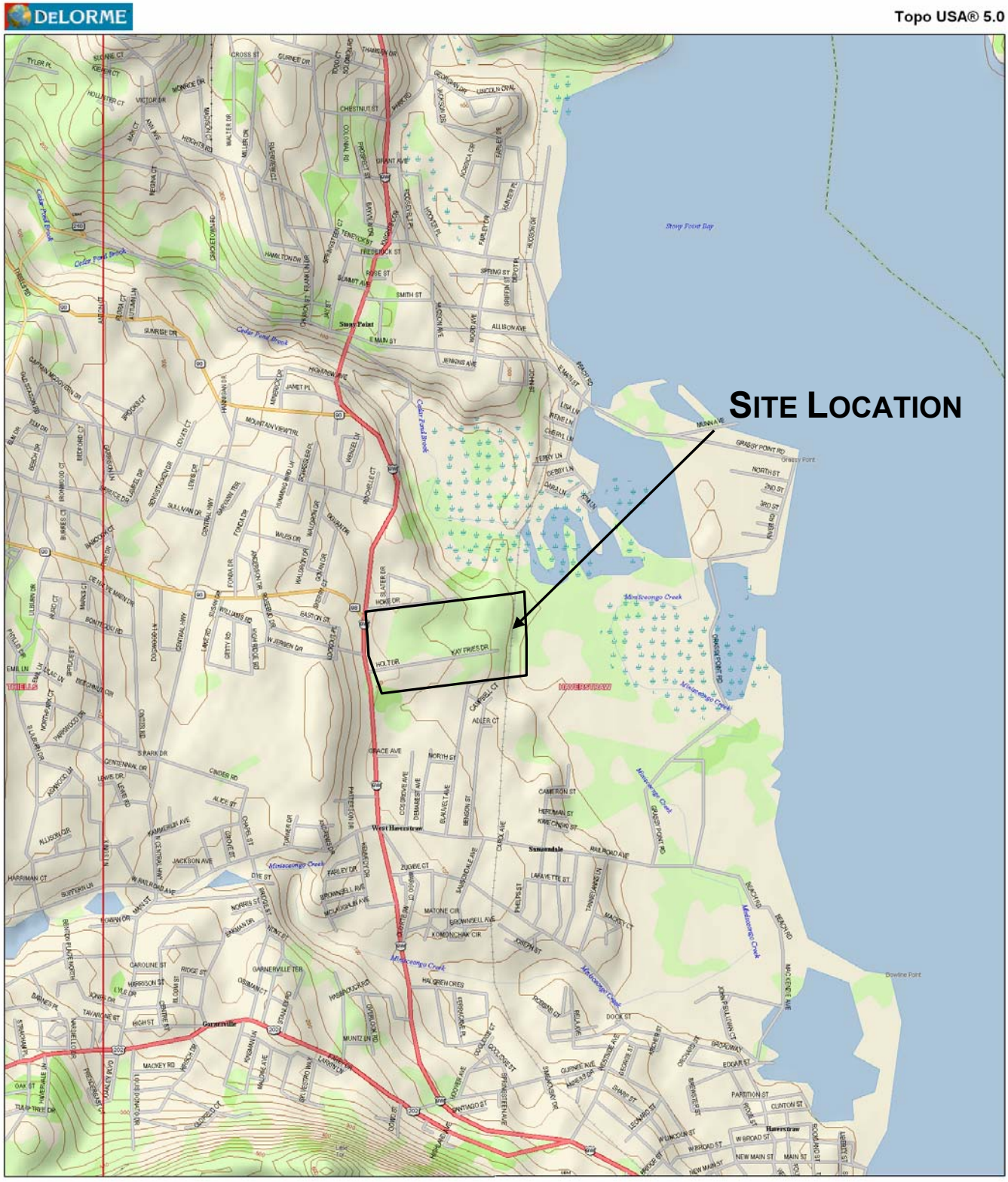
Notes:
GWQC: NYSDEC Ground Water Quality Criteria
ND: Compound Not Detected
**Bold**: Compound Reported Above GWQC
J: Estimated value greater than the Method Detection Limit but lower than the reporting limit.

**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 | Sep-21 | 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 | ND | 5 |
| 1,2-Dichloroethene | 2 J | ND | 0.7 J | ND | 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 | ND | 50 |
| Carbon Disulfide | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.39 JB | ND | 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 | ND | 7 |
| Tetrachloroethene | ***15*** | ***21*** | ***17*** | ***11*** | ***12*** | ***15*** | ***13*** | ***9.5*** | ***6.0*** | ***7.7*** | ***7.6*** | ***8.9*** | ***9.3*** | ***7.4*** | 5 |
| Trichloroethene | ND | ND | 0.5 J | ND | 0.18 J | ND | 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

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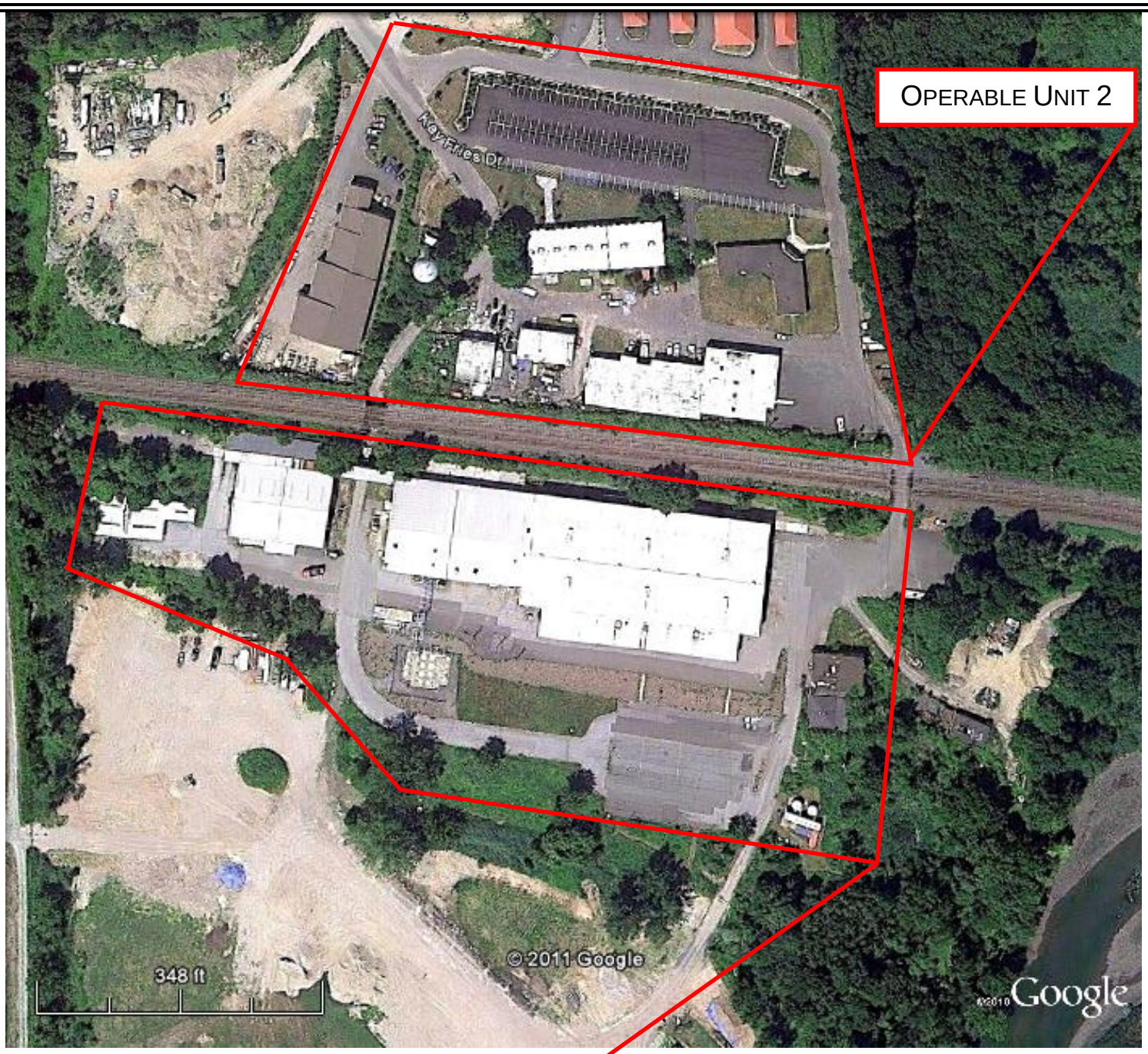
United States Department of the Interior
Geological Survey - 7.5 minute Quadrangle
*Haverstraw,* N.Y

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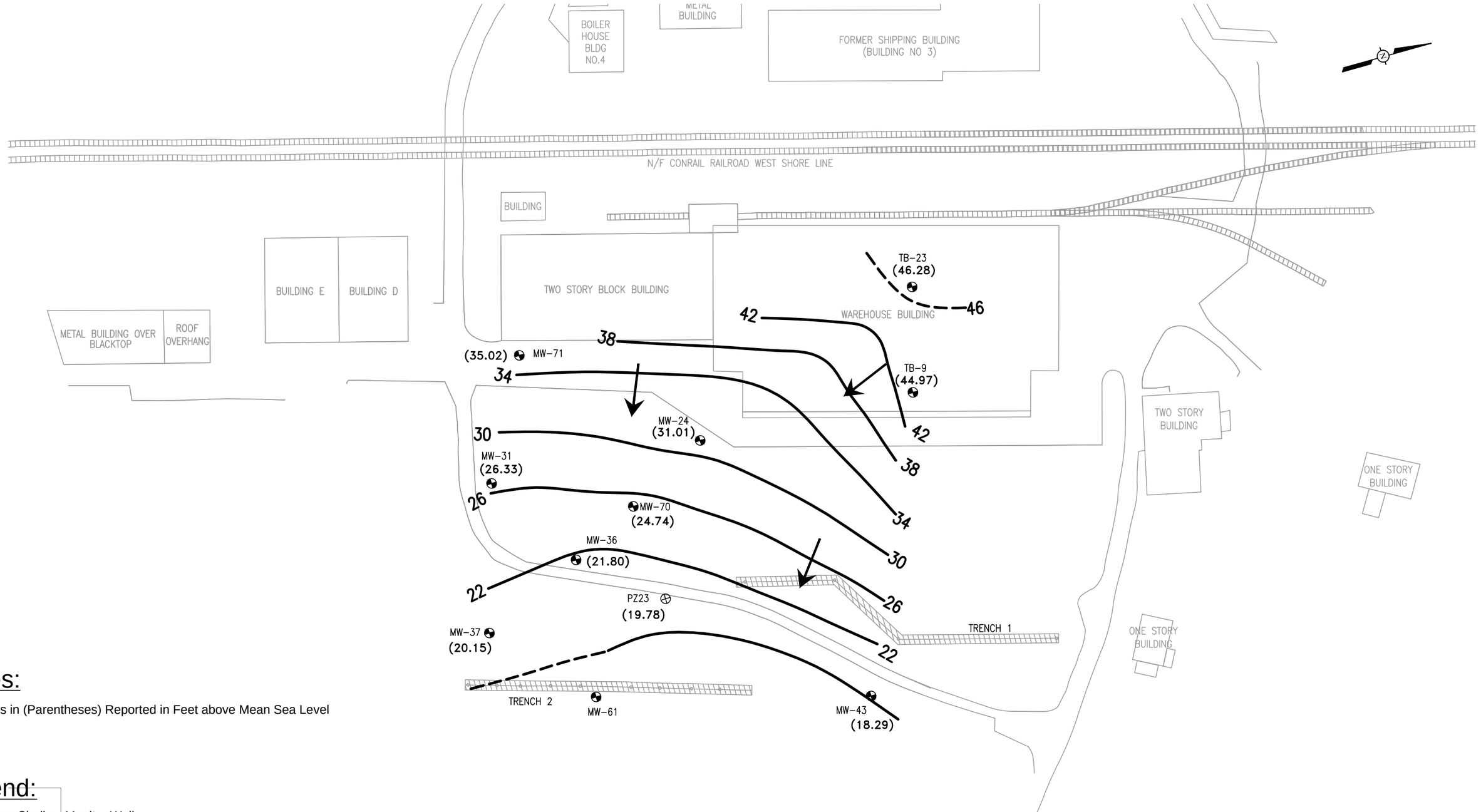
**FIGURE 2**
**OPERABLE UNIT 1 AND 2 LOCATION MAP**
FORMER KAY FRIES SITE
STONY POINT, NEW YORK

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




## Notes:

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

## 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<br>50 Holt Drive<br>Stony Point, NY |
| DATE: | PROJECT NO: | |
| 03/2022 | 1192 | |

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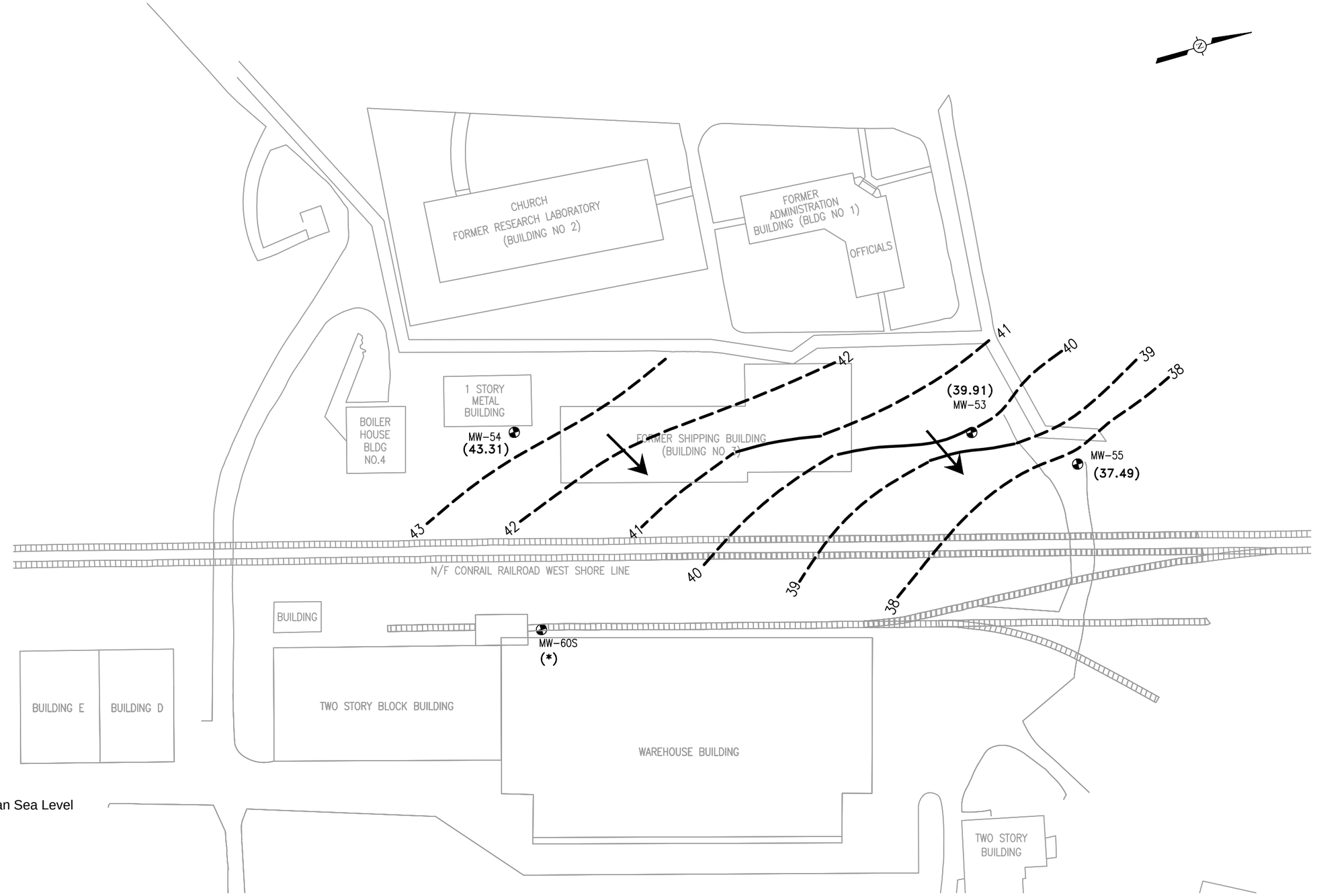
**FIGURE 3**
**OPERABLE UNIT-1**
**GROUND WATER CONTOUR MAP**
**SEPTEMBER 2021**




## Notes:

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

(*) Monitoring Well not accessible

## Legend:

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

| SCALE: | CHECKED BY: | |
|---|---|---|
| 1" = 64' | CB | Former Kay Fries Site<br>50 Holt Drive<br>Stony Point, NY |
| DATE: | PROJECT NO: | |
| 03/2022 | 1192 | |

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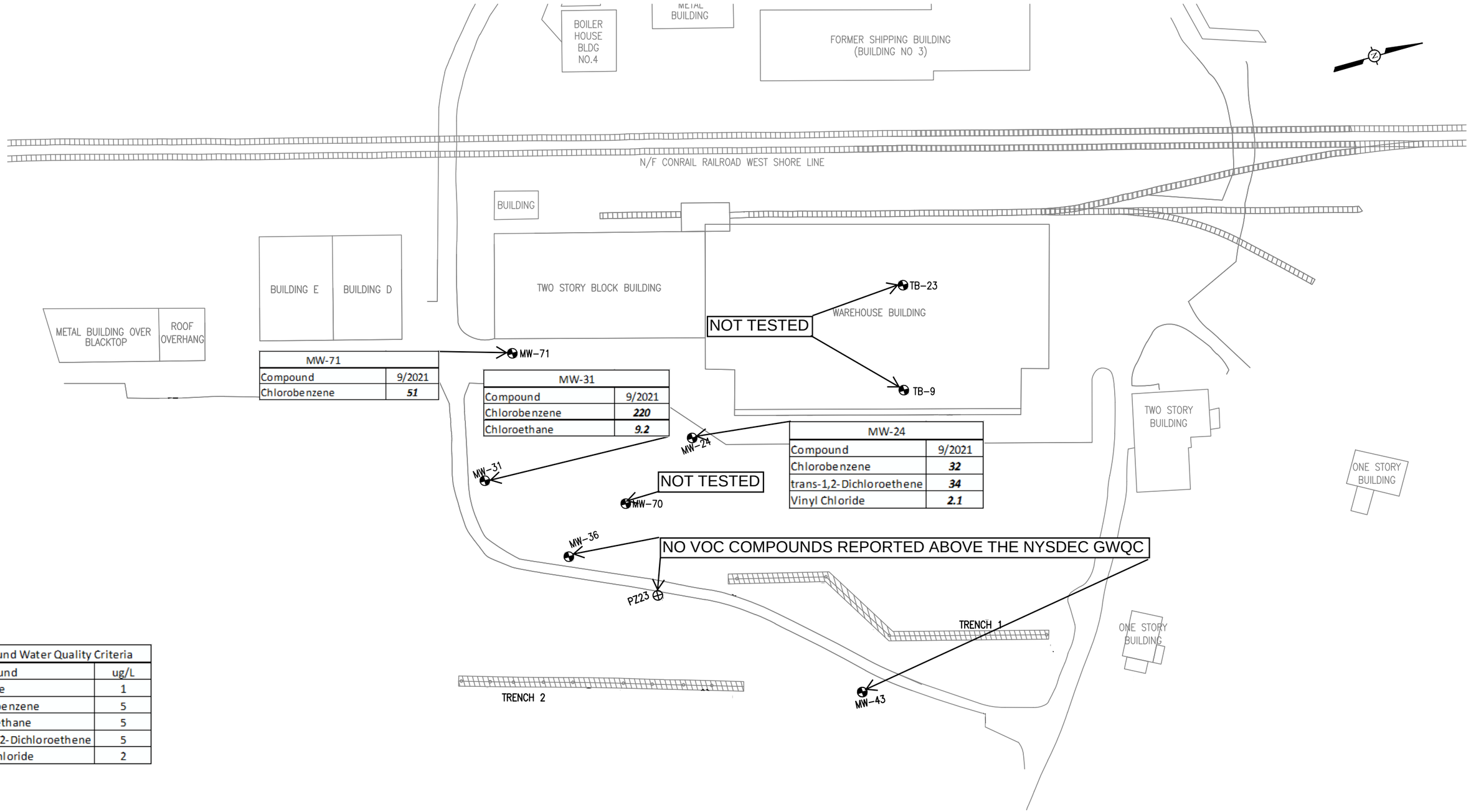
**FIGURE 4**
**OPERABLE UNIT-2**
**GROUND WATER CONTOUR MAP**
**SEPTEMBER 2021**




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

## Legend:

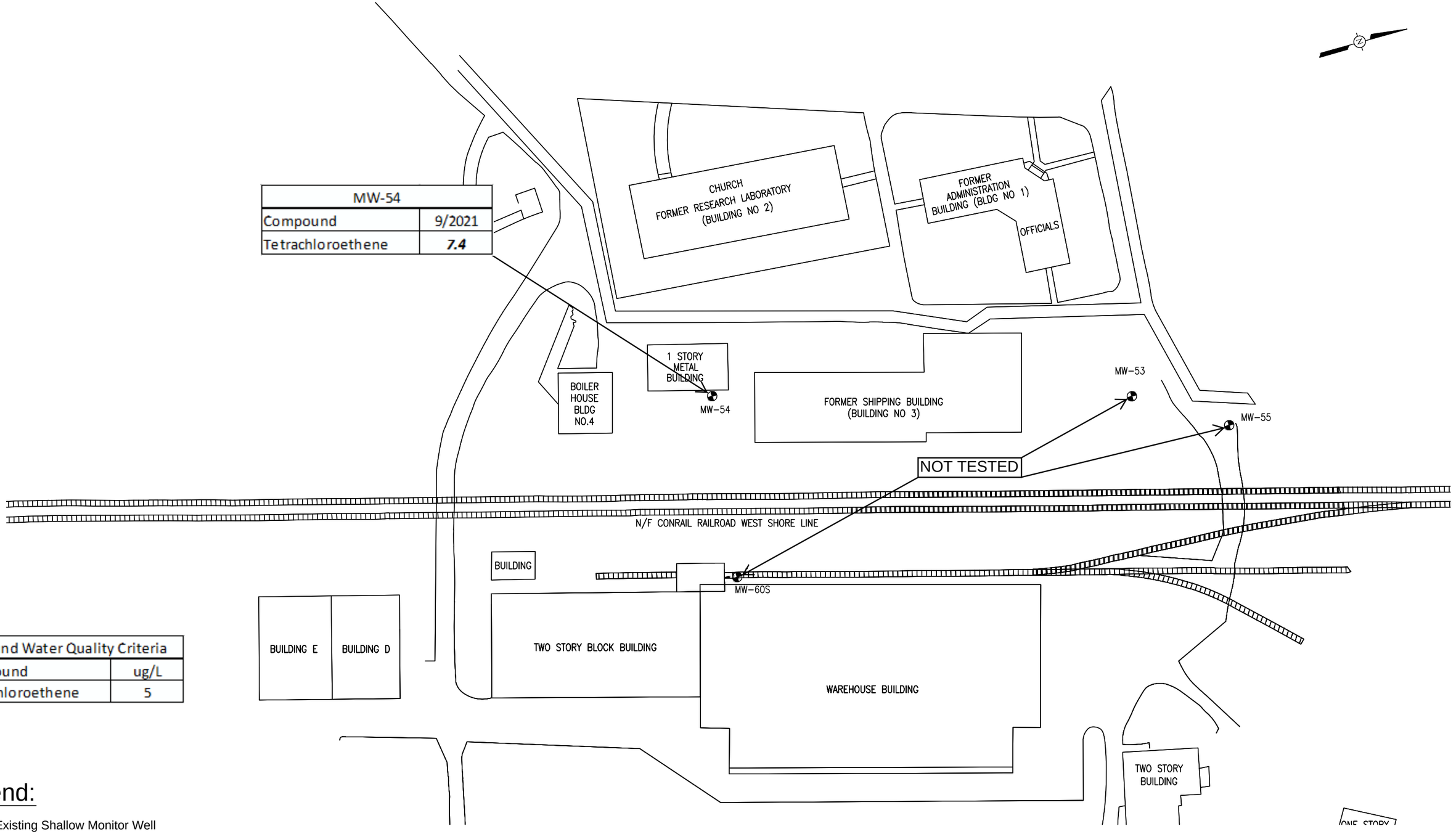
- Existing Shallow Monitor Well
- Existing Piezometer

| | |
|---|---|
| SCALE: 1" = 64' | CHECKED BY: CB |
| DATE: 10/2021 | PROJECT NO: -1192 |

Former Kay Fries Site
50 Holt Drive
Stony Point, NY

ECM
environmental compliance monitoring, inc.
349 Route 206, Hillsborough, New Jersey, 08844 908-874-0990

FIGURE 5
Analytical Results Summary for OU1
September 2021




| SCALE: | CHECKED BY: | | |
|---|---|---|---|
| 1" = 64' | CB | Former Kay Fries Site<br>50 Holt Drive<br>Stony Point, NY | ECM<br>environmental compliance monitoring, inc.<br>349 Route 206, Hillsborough, New Jersey, 08844 908-874-0990 |
| DATE: | PROJECT NO: | | |
| 10/2021 | 1192 | | |

FIGURE 6
Analytical Results Summary for OU2
September 2021

# 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 21, 2021

| 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 | 5.04 | 19.78 | 10190.24 | 10553.66 |
| TB-9 | 47.27 | 2.30 | 44.97 | 10733.06 | 10416.77 |
| TB-23 | 53.75 | 7.47 | 46.28 | 10751.22 | 10349.58 |
| MW-24 | 44.63 | 13.62 | 31.01 | 10555.56 | 10423.25 |
| MW-31 | 34.13 | 7.80 | 26.33 | 10370.44 | 10411.13 |
| MW-36 | 22.94 | 1.14 | 21.80 | 10423.01 | 10494.34 |
| MW-37 | 21.80 | 1.65 | 20.15 | 10333.40 | 10534.38 |
| MW-43 | 27.37 | 9.08 | 18.29 | - | - |
| MW-70 | 31.18 | 6.44 | 24.74 | 10421.61 | 10322.10 |
| MW-71 | 43.71 | 8.69 | 35.02 | 10314.62 | 10395.72 |
| OU-2 | | | | | |
| MW-53 | 53.31 | 13.40 | 39.91 | 11020.53 | 10189.13 |
| MW-54 | 57.21 | 13.90 | 43.31 | 10671.28 | 10090.66 |
| MW-55 | 53.66 | 16.17 | 37.49 | 11101.93 | 10233.91 |
| MW-60S | 50.06 | N/A | -- | 10639.42 | 10243.82 |

N/A: not applicable as well was paved over

# APPENDIX B

# ANALYTICAL DATA PACKAGE – SEPTEMBER 2021

# ANALYTICAL REPORT

Job Number: 460-243332-1

Job Description: 1192 - Stony Point -NY - AGWM/ADM/QDM

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

Attention: Mr. Bruce Manganiello



Approved for release.
Grace Chang
Project Manager II
10/4/2021 10:48 AM

Grace Chang, Project Manager II
777 New Durham Road, Edison, NJ, 08817
(732)593-2579
Grace.Chang@Eurofinset.com
10/04/2021

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

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

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

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

# Table of Contents


Cover Title Page . . . . . 1

Data Summaries . . . . . 4

Report Narrative . . . . . 4

Sample Summary . . . . . 5

Detection Summary . . . . . 6

Method Summary . . . . . 7

Client Sample Results . . . . . 8

Surrogate Summary . . . . . 18

QC Sample Results . . . . . 19

Definitions . . . . . 25

QC Association . . . . . 26

Chronicle . . . . . 27

Certification Summary . . . . . 29

Organic Sample Data . . . . . 30

GC/MS VOA . . . . . 30

8260D . . . . . 30

8260D QC Summary . . . . . 31

8260D Sample Data . . . . . 48

Standards Data . . . . . 142

8260D ICAL Data . . . . . 142

8260D CCAL Data . . . . . 817

Raw QC Data . . . . . 872

8260D Tune Data . . . . . 872

8260D Blank Data . . . . . 882

8260D LCS/LCSD Data . . . . . 894

8260D Run Logs . . . . . 925

# Table of Contents

8260D Prep Data . . . . . 929

Shipping and Receiving Documents . . . . . 938

Client Chain of Custody . . . . . 939

Sample Receipt Checklist . . . . . 941

# CASE NARRATIVE

## Client: ECM, Inc.

## Project: 1192 - Stony Point -NY - AGWM/ADM/QDM

## Report Number: 460-243332-1

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 9/21/2021 2:55 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.4º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

**VOLATILE ORGANIC COMPOUNDS (GC/MS)**

Samples TB (460-243332-1), MW-43 (460-243332-2), PZ-23 (460-243332-3), FB (460-243332-4), MW-36 (460-243332-5), MW-31 (460-243332-6), MW-24 (460-243332-7), MW-71 (460-243332-8) and MW-54 (460-243332-9) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 09/30/2021 and 10/01/2021.

The continuing calibration verification (CCV) analyzed in batch 460-804423 was outside the method criteria for the following analytes: Bromoform and Carbon tetrachloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

# Sample Summary

Client: ECM, Inc.
Job ID: 460-243332-1
Project/Site: 1192 - Stony Point -NY - AGWM/ADM/QDM

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 460-243332-1 | TB | Water | 09/20/21 00:00 | 09/21/21 14:55 |
| 460-243332-2 | MW-43 | Water | 09/21/21 09:35 | 09/21/21 14:55 |
| 460-243332-3 | PZ-23 | Water | 09/21/21 10:11 | 09/21/21 14:55 |
| 460-243332-4 | FB | Water | 09/21/21 10:55 | 09/21/21 14:55 |
| 460-243332-5 | MW-36 | Water | 09/21/21 11:00 | 09/21/21 14:55 |
| 460-243332-6 | MW-31 | Water | 09/21/21 11:30 | 09/21/21 14:55 |
| 460-243332-7 | MW-24 | Water | 09/21/21 12:20 | 09/21/21 14:55 |
| 460-243332-8 | MW-71 | Water | 09/21/21 12:47 | 09/21/21 14:55 |
| 460-243332-9 | MW-54 | Water | 09/21/21 13:15 | 09/21/21 14:55 |

# Detection Summary

Client: ECM, Inc.
Job ID: 460-243332-1
Project/Site: 1192 - Stony Point -NY - AGWM/ADM/QDM

## Client Sample ID: TB — Lab Sample ID: 460-243332-1

No Detections.

## Client Sample ID: MW-43 — Lab Sample ID: 460-243332-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | 170 | | 50 | 28 | ug/L | 1 | | 8260D | Total/NA |

## Client Sample ID: PZ-23 — Lab Sample ID: 460-243332-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | 83 | | 50 | 28 | ug/L | 1 | | 8260D | Total/NA |

## Client Sample ID: FB — Lab Sample ID: 460-243332-4

No Detections.

## Client Sample ID: MW-36 — Lab Sample ID: 460-243332-5

No Detections.

## Client Sample ID: MW-31 — Lab Sample ID: 460-243332-6

| 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 | | 8260D | Total/NA |
| Benzene | 0.86 | J | 1.0 | 0.20 | ug/L | 1 | | 8260D | Total/NA |
| Carbon disulfide | 0.87 | J | 1.0 | 0.82 | ug/L | 1 | | 8260D | Total/NA |
| Chlorobenzene | 220 | | 1.0 | 0.38 | ug/L | 1 | | 8260D | Total/NA |
| Chloroethane | 9.2 | | 1.0 | 0.32 | ug/L | 1 | | 8260D | Total/NA |
| cis-1,2-Dichloroethene | 0.37 | J | 1.0 | 0.22 | ug/L | 1 | | 8260D | Total/NA |
| Toluene | 0.61 | J | 1.0 | 0.38 | ug/L | 1 | | 8260D | Total/NA |

## Client Sample ID: MW-24 — Lab Sample ID: 460-243332-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.63 | J | 1.0 | 0.20 | ug/L | 1 | | 8260D | Total/NA |
| Chlorobenzene | 32 | | 1.0 | 0.38 | ug/L | 1 | | 8260D | Total/NA |
| cis-1,2-Dichloroethene | 61 | | 1.0 | 0.22 | ug/L | 1 | | 8260D | Total/NA |
| trans-1,2-Dichloroethene | 34 | | 1.0 | 0.24 | ug/L | 1 | | 8260D | Total/NA |
| Trichloroethene | 2.0 | | 1.0 | 0.31 | ug/L | 1 | | 8260D | Total/NA |
| Vinyl chloride | 2.1 | | 1.0 | 0.17 | ug/L | 1 | | 8260D | Total/NA |

## Client Sample ID: MW-71 — Lab Sample ID: 460-243332-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 3.3 | | 1.0 | 0.26 | ug/L | 1 | | 8260D | Total/NA |
| Benzene | 0.39 | J | 1.0 | 0.20 | ug/L | 1 | | 8260D | Total/NA |
| Chlorobenzene | 51 | | 1.0 | 0.38 | ug/L | 1 | | 8260D | Total/NA |

## Client Sample ID: MW-54 — Lab Sample ID: 460-243332-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 7.4 | | 1.0 | 0.25 | ug/L | 1 | | 8260D | Total/NA |

This Detection Summary does not include radiochemical test results.

# Method Summary

Client: ECM, Inc. Job ID: 460-243332-1
Project/Site: 1192 - Stony Point -NY - AGWM/ADM/QDM

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260D | 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: 09/20/21 00:00**
**Date Received: 09/21/21 14:55**

## Lab Sample ID: 460-243332-1
**Matrix: Water**

### Method: 8260D - 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 | | | 09/30/21 11:05 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 09/30/21 11:05 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 11:05 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 11:05 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 11:05 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 09/30/21 11:05 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 09/30/21 11:05 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 09/30/21 11:05 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 09/30/21 11:05 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 09/30/21 11:05 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 09/30/21 11:05 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 09/30/21 11:05 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 11:05 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 09/30/21 11:05 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 09/30/21 11:05 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 09/30/21 11:05 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 09/30/21 11:05 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 09/30/21 11:05 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 11:05 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 11:05 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 09/30/21 11:05 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 09/30/21 11:05 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 11:05 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 11:05 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 09/30/21 11:05 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 09/30/21 11:05 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 11:05 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 09/30/21 11:05 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 09/30/21 11:05 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 11:05 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 09/30/21 11:05 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 11:05 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 09/30/21 11:05 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 09/30/21 11:05 | 1 |
| Xylenes, Total | 0.65 | U | 2.0 | 0.65 | ug/L | | | 09/30/21 11:05 | 1 |

| *Tentatively Identified Compound* | *Est. Result* | *Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | | | *09/30/21 11:05* | *1* |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *75 - 123* | | *09/30/21 11:05* | *1* |
| *Bromofluorobenzene* | *89* | | *76 - 120* | | *09/30/21 11:05* | *1* |
| *Dibromofluoromethane (Surr)* | *98* | | *77 - 124* | | *09/30/21 11:05* | *1* |
| *Toluene-d8 (Surr)* | *103* | | *80 - 120* | | *09/30/21 11:05* | *1* |

## Client Sample ID: MW-43
**Date Collected: 09/21/21 09:35**
**Date Received: 09/21/21 14:55**

## Lab Sample ID: 460-243332-2
**Matrix: Water**

### Method: 8260D - 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 | | | 10/01/21 02:06 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 10/01/21 02:06 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 10/01/21 02:06 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 10/01/21 02:06 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 10/01/21 02:06 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 10/01/21 02:06 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 10/01/21 02:06 | 1 |
| **1,4-Dioxane** | **170** | | 50 | 28 | ug/L | | | 10/01/21 02:06 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 10/01/21 02:06 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 10/01/21 02:06 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 10/01/21 02:06 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 10/01/21 02:06 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 10/01/21 02:06 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 10/01/21 02:06 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 10/01/21 02:06 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 10/01/21 02:06 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 10/01/21 02:06 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 10/01/21 02:06 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 10/01/21 02:06 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 10/01/21 02:06 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 10/01/21 02:06 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 10/01/21 02:06 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 10/01/21 02:06 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 10/01/21 02:06 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 10/01/21 02:06 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 10/01/21 02:06 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 10/01/21 02:06 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 10/01/21 02:06 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 10/01/21 02:06 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 10/01/21 02:06 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 10/01/21 02:06 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 10/01/21 02:06 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 10/01/21 02:06 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 10/01/21 02:06 | 1 |
| Xylenes, Total | 0.30 | U | 1.0 | 0.30 | ug/L | | | 10/01/21 02:06 | 1 |

| *Tentatively Identified Compound* | *Est. Result* | *Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | | | *10/01/21 02:06* | *1* |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *96* | | *75 - 123* | | *10/01/21 02:06* | *1* |
| *Bromofluorobenzene* | *101* | | *76 - 120* | | *10/01/21 02:06* | *1* |
| *Dibromofluoromethane (Surr)* | *91* | | *77 - 124* | | *10/01/21 02:06* | *1* |
| *Toluene-d8 (Surr)* | *93* | | *80 - 120* | | *10/01/21 02:06* | *1* |

## Client Sample ID: PZ-23
**Date Collected: 09/21/21 10:11**
**Date Received: 09/21/21 14:55**

## Lab Sample ID: 460-243332-3
**Matrix: Water**

### Method: 8260D - 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 | | | 10/01/21 02:31 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 10/01/21 02:31 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 10/01/21 02:31 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 10/01/21 02:31 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 10/01/21 02:31 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 10/01/21 02:31 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 10/01/21 02:31 | 1 |
| **1,4-Dioxane** | **83** | | 50 | 28 | ug/L | | | 10/01/21 02:31 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 10/01/21 02:31 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 10/01/21 02:31 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 10/01/21 02:31 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 10/01/21 02:31 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 10/01/21 02:31 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 10/01/21 02:31 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 10/01/21 02:31 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 10/01/21 02:31 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 10/01/21 02:31 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 10/01/21 02:31 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 10/01/21 02:31 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 10/01/21 02:31 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 10/01/21 02:31 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 10/01/21 02:31 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 10/01/21 02:31 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 10/01/21 02:31 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 10/01/21 02:31 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 10/01/21 02:31 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 10/01/21 02:31 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 10/01/21 02:31 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 10/01/21 02:31 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 10/01/21 02:31 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 10/01/21 02:31 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 10/01/21 02:31 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 10/01/21 02:31 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 10/01/21 02:31 | 1 |
| Xylenes, Total | 0.30 | U | 1.0 | 0.30 | ug/L | | | 10/01/21 02:31 | 1 |

| *Tentatively Identified Compound* | *Est. Result* | *Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | | | *10/01/21 02:31* | *1* |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *75 - 123* | | *10/01/21 02:31* | *1* |
| *Bromofluorobenzene* | *102* | | *76 - 120* | | *10/01/21 02:31* | *1* |
| *Dibromofluoromethane (Surr)* | *91* | | *77 - 124* | | *10/01/21 02:31* | *1* |
| *Toluene-d8 (Surr)* | *91* | | *80 - 120* | | *10/01/21 02:31* | *1* |

## Client Sample ID: FB
**Lab Sample ID: 460-243332-4**

**Date Collected: 09/21/21 10:55**
**Matrix: Water**
**Date Received: 09/21/21 14:55**

### Method: 8260D - 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 | | | 09/30/21 11:26 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 09/30/21 11:26 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 11:26 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 11:26 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 11:26 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 09/30/21 11:26 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 09/30/21 11:26 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 09/30/21 11:26 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 09/30/21 11:26 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 09/30/21 11:26 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 09/30/21 11:26 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 09/30/21 11:26 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 11:26 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 09/30/21 11:26 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 09/30/21 11:26 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 09/30/21 11:26 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 09/30/21 11:26 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 09/30/21 11:26 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 11:26 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 11:26 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 09/30/21 11:26 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 09/30/21 11:26 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 11:26 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 11:26 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 09/30/21 11:26 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 09/30/21 11:26 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 11:26 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 09/30/21 11:26 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 09/30/21 11:26 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 11:26 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 09/30/21 11:26 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 11:26 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 09/30/21 11:26 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 09/30/21 11:26 | 1 |
| Xylenes, Total | 0.65 | U | 2.0 | 0.65 | ug/L | | | 09/30/21 11:26 | 1 |

| *Tentatively Identified Compound* | *Est. Result* | *Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | | | *09/30/21 11:26* | *1* |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *75 - 123* | | *09/30/21 11:26* | *1* |
| *Bromofluorobenzene* | *87* | | *76 - 120* | | *09/30/21 11:26* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *77 - 124* | | *09/30/21 11:26* | *1* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* | | *09/30/21 11:26* | *1* |

## Client Sample ID: MW-36
**Date Collected: 09/21/21 11:00**
**Date Received: 09/21/21 14:55**

## Lab Sample ID: 460-243332-5
**Matrix: Water**

### Method: 8260D - 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 | | | 09/30/21 16:21 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 09/30/21 16:21 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 16:21 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 16:21 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 16:21 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 09/30/21 16:21 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 09/30/21 16:21 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 09/30/21 16:21 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 09/30/21 16:21 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 09/30/21 16:21 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 09/30/21 16:21 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 09/30/21 16:21 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 16:21 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 09/30/21 16:21 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 09/30/21 16:21 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 09/30/21 16:21 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 09/30/21 16:21 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 09/30/21 16:21 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 16:21 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 16:21 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 09/30/21 16:21 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 09/30/21 16:21 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 16:21 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 16:21 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 09/30/21 16:21 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 09/30/21 16:21 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 16:21 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 09/30/21 16:21 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 09/30/21 16:21 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 16:21 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 09/30/21 16:21 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 16:21 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 09/30/21 16:21 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 09/30/21 16:21 | 1 |
| Xylenes, Total | 0.65 | U | 2.0 | 0.65 | ug/L | | | 09/30/21 16:21 | 1 |

| *Tentatively Identified Compound* | *Est. Result* | *Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | | | *09/30/21 16:21* | *1* |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *75 - 123* | | *09/30/21 16:21* | *1* |
| *Bromofluorobenzene* | *87* | | *76 - 120* | | *09/30/21 16:21* | *1* |
| *Dibromofluoromethane (Surr)* | *99* | | *77 - 124* | | *09/30/21 16:21* | *1* |
| *Toluene-d8 (Surr)* | *104* | | *80 - 120* | | *09/30/21 16:21* | *1* |

## Client Sample ID: MW-31
**Date Collected: 09/21/21 11:30**
**Date Received: 09/21/21 14:55**

## Lab Sample ID: 460-243332-6
**Matrix: Water**

### Method: 8260D - 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 | | | 09/30/21 16:42 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 09/30/21 16:42 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 16:42 | 1 |
| **1,1-Dichloroethane** | **0.42** | **J** | 1.0 | 0.26 | ug/L | | | 09/30/21 16:42 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 16:42 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 09/30/21 16:42 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 09/30/21 16:42 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 09/30/21 16:42 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 09/30/21 16:42 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 09/30/21 16:42 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 09/30/21 16:42 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 09/30/21 16:42 | 1 |
| **Benzene** | **0.86** | **J** | 1.0 | 0.20 | ug/L | | | 09/30/21 16:42 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 09/30/21 16:42 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 09/30/21 16:42 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 09/30/21 16:42 | 1 |
| **Carbon disulfide** | **0.87** | **J** | 1.0 | 0.82 | ug/L | | | 09/30/21 16:42 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 09/30/21 16:42 | 1 |
| **Chlorobenzene** | **220** | | 1.0 | 0.38 | ug/L | | | 09/30/21 16:42 | 1 |
| **Chloroethane** | **9.2** | | 1.0 | 0.32 | ug/L | | | 09/30/21 16:42 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 09/30/21 16:42 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 09/30/21 16:42 | 1 |
| **cis-1,2-Dichloroethene** | **0.37** | **J** | 1.0 | 0.22 | ug/L | | | 09/30/21 16:42 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 16:42 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 09/30/21 16:42 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 09/30/21 16:42 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 16:42 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 09/30/21 16:42 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 09/30/21 16:42 | 1 |
| **Toluene** | **0.61** | **J** | 1.0 | 0.38 | ug/L | | | 09/30/21 16:42 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 09/30/21 16:42 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 16:42 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 09/30/21 16:42 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 09/30/21 16:42 | 1 |
| Xylenes, Total | 0.65 | U | 2.0 | 0.65 | ug/L | | | 09/30/21 16:42 | 1 |

| *Tentatively Identified Compound* | *Est. Result* | *Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *1-Butene* | *6.2* | *J N* | *ug/L* | | *1.53* | *106-98-9* | | *09/30/21 16:42* | *1* |
| *Ethyl ether* | *67* | *J N* | *ug/L* | | *2.11* | *60-29-7* | | *09/30/21 16:42* | *1* |
| *Diethyl sulfide* | *8.2* | *J N* | *ug/L* | | *5.02* | *352-93-2* | | *09/30/21 16:42* | *1* |
| *1,3-Dichloro-2-methyl-propene* | *12* | *J N* | *ug/L* | | *5.66* | *1000194-02-2* | | *09/30/21 16:42* | *1* |
| *2-Bromo-1-(chloromethyl)cyclopropane* | *8.1* | *J N* | *ug/L* | | *7.90* | *1000222-15-8* | | *09/30/21 16:42* | *1* |
| *Butane, 1,3-dichloro-* | *10* | *J N* | *ug/L* | | *8.25* | *1190-22-3* | | *09/30/21 16:42* | *1* |
| *Unknown* | *11* | *J* | *ug/L* | | *8.42* | | | *09/30/21 16:42* | *1* |
| *Benzene, 1-chloro-2-methyl-* | *110* | *J N* | *ug/L* | | *9.86* | *95-49-8* | | *09/30/21 16:42* | *1* |
| *Benzene, 1,2-dichloro-3-methyl-* | *11* | *J N* | *ug/L* | | *11.58* | *32768-54-0* | | *09/30/21 16:42* | *1* |

## Client Sample ID: MW-31 — Lab Sample ID: 460-243332-6

**Date Collected: 09/21/21 11:30** — **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 123 | | 09/30/21 16:42 | 1 |
| Bromofluorobenzene | 89 | | 76 - 120 | | 09/30/21 16:42 | 1 |
| Dibromofluoromethane (Surr) | 99 | | 77 - 124 | | 09/30/21 16:42 | 1 |
| Toluene-d8 (Surr) | 108 | | 80 - 120 | | 09/30/21 16:42 | 1 |

## Client Sample ID: MW-24 — Lab Sample ID: 460-243332-7

**Date Collected: 09/21/21 12:20** — **Matrix: Water**
**Date Received: 09/21/21 14:55**

### Method: 8260D - 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 | | | 09/30/21 17:03 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 09/30/21 17:03 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 17:03 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 17:03 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 17:03 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 09/30/21 17:03 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 09/30/21 17:03 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 09/30/21 17:03 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 09/30/21 17:03 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 09/30/21 17:03 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 09/30/21 17:03 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 09/30/21 17:03 | 1 |
| **Benzene** | **0.63** | **J** | 1.0 | 0.20 | ug/L | | | 09/30/21 17:03 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 09/30/21 17:03 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 09/30/21 17:03 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 09/30/21 17:03 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 09/30/21 17:03 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 09/30/21 17:03 | 1 |
| **Chlorobenzene** | **32** | | 1.0 | 0.38 | ug/L | | | 09/30/21 17:03 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 17:03 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 09/30/21 17:03 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 09/30/21 17:03 | 1 |
| **cis-1,2-Dichloroethene** | **61** | | 1.0 | 0.22 | ug/L | | | 09/30/21 17:03 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 17:03 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 09/30/21 17:03 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 09/30/21 17:03 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 17:03 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 09/30/21 17:03 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 09/30/21 17:03 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 17:03 | 1 |
| **trans-1,2-Dichloroethene** | **34** | | 1.0 | 0.24 | ug/L | | | 09/30/21 17:03 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 17:03 | 1 |
| **Trichloroethene** | **2.0** | | 1.0 | 0.31 | ug/L | | | 09/30/21 17:03 | 1 |
| **Vinyl chloride** | **2.1** | | 1.0 | 0.17 | ug/L | | | 09/30/21 17:03 | 1 |
| Xylenes, Total | 0.65 | U | 2.0 | 0.65 | ug/L | | | 09/30/21 17:03 | 1 |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Tentatively Identified Compound | None | | ug/L | | | | | 09/30/21 17:03 | 1 |

## Client Sample ID: MW-24 — Lab Sample ID: 460-243332-7

**Date Collected: 09/21/21 12:20** — **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 75 - 123 | | 09/30/21 17:03 | 1 |
| Bromofluorobenzene | 88 | | 76 - 120 | | 09/30/21 17:03 | 1 |
| Dibromofluoromethane (Surr) | 100 | | 77 - 124 | | 09/30/21 17:03 | 1 |
| Toluene-d8 (Surr) | 106 | | 80 - 120 | | 09/30/21 17:03 | 1 |

## Client Sample ID: MW-71 — Lab Sample ID: 460-243332-8

**Date Collected: 09/21/21 12:47** — **Matrix: Water**
**Date Received: 09/21/21 14:55**

### Method: 8260D - 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 | | | 09/30/21 17:24 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 09/30/21 17:24 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 17:24 | 1 |
| **1,1-Dichloroethane** | **3.3** | | 1.0 | 0.26 | ug/L | | | 09/30/21 17:24 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 17:24 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 09/30/21 17:24 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 09/30/21 17:24 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 09/30/21 17:24 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 09/30/21 17:24 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 09/30/21 17:24 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 09/30/21 17:24 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 09/30/21 17:24 | 1 |
| **Benzene** | **0.39** | **J** | 1.0 | 0.20 | ug/L | | | 09/30/21 17:24 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 09/30/21 17:24 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 09/30/21 17:24 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 09/30/21 17:24 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 09/30/21 17:24 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 09/30/21 17:24 | 1 |
| **Chlorobenzene** | **51** | | 1.0 | 0.38 | ug/L | | | 09/30/21 17:24 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 17:24 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 09/30/21 17:24 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 09/30/21 17:24 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 17:24 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 17:24 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 09/30/21 17:24 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 09/30/21 17:24 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 17:24 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 09/30/21 17:24 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 09/30/21 17:24 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 17:24 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 09/30/21 17:24 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 17:24 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 09/30/21 17:24 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 09/30/21 17:24 | 1 |
| Xylenes, Total | 0.65 | U | 2.0 | 0.65 | ug/L | | | 09/30/21 17:24 | 1 |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Ethyl ether | 17 | J N | ug/L | | 2.11 | 60-29-7 | | 09/30/21 17:24 | 1 |

## Client Sample ID: MW-71 — Lab Sample ID: 460-243332-8

**Date Collected: 09/21/21 12:47** — **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 123 | | 09/30/21 17:24 | 1 |
| Bromofluorobenzene | 88 | | 76 - 120 | | 09/30/21 17:24 | 1 |
| Dibromofluoromethane (Surr) | 100 | | 77 - 124 | | 09/30/21 17:24 | 1 |
| Toluene-d8 (Surr) | 105 | | 80 - 120 | | 09/30/21 17:24 | 1 |

## Client Sample ID: MW-54 — Lab Sample ID: 460-243332-9

**Date Collected: 09/21/21 13:15** — **Matrix: Water**
**Date Received: 09/21/21 14:55**

### Method: 8260D - 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 | | | 09/30/21 17:45 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 09/30/21 17:45 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 17:45 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 17:45 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 17:45 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 09/30/21 17:45 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 09/30/21 17:45 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 09/30/21 17:45 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 09/30/21 17:45 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 09/30/21 17:45 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 09/30/21 17:45 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 09/30/21 17:45 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 17:45 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 09/30/21 17:45 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 09/30/21 17:45 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 09/30/21 17:45 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 09/30/21 17:45 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 09/30/21 17:45 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 17:45 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 17:45 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 09/30/21 17:45 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 09/30/21 17:45 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 17:45 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 17:45 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 09/30/21 17:45 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 09/30/21 17:45 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 17:45 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 09/30/21 17:45 | 1 |
| **Tetrachloroethene** | **7.4** | | 1.0 | 0.25 | ug/L | | | 09/30/21 17:45 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 17:45 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 09/30/21 17:45 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 17:45 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 09/30/21 17:45 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 09/30/21 17:45 | 1 |
| Xylenes, Total | 0.65 | U | 2.0 | 0.65 | ug/L | | | 09/30/21 17:45 | 1 |

| Tentatively Identified Compound | Est. Result | Qualifier | Unit | D | RT | CAS No. | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Tentatively Identified Compound | None | | ug/L | | | | | 09/30/21 17:45 | 1 |

**Client Sample ID: MW-54** **Lab Sample ID: 460-243332-9**
**Date Collected: 09/21/21 13:15** **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 75 - 123 | | 09/30/21 17:45 | 1 |
| Bromofluorobenzene | 92 | | 76 - 120 | | 09/30/21 17:45 | 1 |
| Dibromofluoromethane (Surr) | 105 | | 77 - 124 | | 09/30/21 17:45 | 1 |
| Toluene-d8 (Surr) | 107 | | 80 - 120 | | 09/30/21 17:45 | 1 |

# Surrogate Summary

Client: ECM, Inc.
Job ID: 460-243332-1
Project/Site: 1192 - Stony Point -NY - AGWM/ADM/QDM

## Method: 8260D - 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) |
| 460-243332-1 | TB | 97 | 89 | 98 | 103 |
| 460-243332-2 | MW-43 | 96 | 101 | 91 | 93 |
| 460-243332-3 | PZ-23 | 95 | 102 | 91 | 91 |
| 460-243332-4 | FB | 97 | 87 | 101 | 99 |
| 460-243332-5 | MW-36 | 99 | 87 | 99 | 104 |
| 460-243332-6 | MW-31 | 96 | 89 | 99 | 108 |
| 460-243332-7 | MW-24 | 97 | 88 | 100 | 106 |
| 460-243332-8 | MW-71 | 96 | 88 | 100 | 105 |
| 460-243332-9 | MW-54 | 100 | 92 | 105 | 107 |
| LCS 460-804255/5 | Lab Control Sample | 90 | 94 | 95 | 99 |
| LCS 460-804423/3 | Lab Control Sample | 97 | 101 | 91 | 92 |
| LCSD 460-804255/6 | Lab Control Sample Dup | 94 | 98 | 99 | 104 |
| LCSD 460-804423/4 | Lab Control Sample Dup | 97 | 101 | 91 | 92 |
| MB 460-804255/9 | Method Blank | 92 | 92 | 97 | 100 |
| MB 460-804423/8 | Method Blank | 93 | 97 | 89 | 94 |

**Surrogate Legend**

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

## Method: 8260D - Volatile Organic Compounds by GC/MS

**Lab Sample ID: MB 460-804255/9**
**Matrix: Water**
**Analysis Batch: 804255**

**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 | | | 09/30/21 10:44 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 09/30/21 10:44 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 10:44 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 10:44 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 09/30/21 10:44 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 09/30/21 10:44 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 09/30/21 10:44 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 09/30/21 10:44 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 09/30/21 10:44 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 09/30/21 10:44 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 09/30/21 10:44 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 09/30/21 10:44 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 09/30/21 10:44 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 09/30/21 10:44 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 09/30/21 10:44 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 09/30/21 10:44 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 09/30/21 10:44 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 09/30/21 10:44 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 10:44 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 10:44 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 09/30/21 10:44 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 09/30/21 10:44 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 10:44 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 10:44 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 09/30/21 10:44 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 09/30/21 10:44 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 09/30/21 10:44 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 09/30/21 10:44 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 09/30/21 10:44 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 09/30/21 10:44 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 09/30/21 10:44 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 09/30/21 10:44 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 09/30/21 10:44 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 09/30/21 10:44 | 1 |
| Xylenes, Total | 0.65 | U | 2.0 | 0.65 | ug/L | | | 09/30/21 10:44 | 1 |

| *Tentatively Identified Compound* | *MB Est. Result* | *MB Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | | | *09/30/21 10:44* | *1* |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *92* | | *75 - 123* | | *09/30/21 10:44* | *1* |
| *Bromofluorobenzene* | *92* | | *76 - 120* | | *09/30/21 10:44* | *1* |
| *Dibromofluoromethane (Surr)* | *97* | | *77 - 124* | | *09/30/21 10:44* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *80 - 120* | | *09/30/21 10:44* | *1* |

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

**Lab Sample ID: LCS 460-804255/5** **Client Sample ID: Lab Control Sample**
**Matrix: Water** **Prep Type: Total/NA**
**Analysis Batch: 804255**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 20.0 | 19.2 | | ug/L | | 96 | 68 - 128 | | |
| 1,1,2,2-Tetrachloroethane | | | 20.0 | 19.8 | | ug/L | | 99 | 63 - 139 | | |
| 1,1,2-Trichloroethane | | | 20.0 | 18.8 | | ug/L | | 94 | 74 - 125 | | |
| 1,1-Dichloroethane | | | 20.0 | 18.5 | | ug/L | | 93 | 73 - 130 | | |
| 1,1-Dichloroethene | | | 20.0 | 19.6 | | ug/L | | 98 | 68 - 133 | | |
| 1,2-Dichloroethane | | | 20.0 | 18.1 | | ug/L | | 90 | 75 - 121 | | |
| 1,2-Dichloropropane | | | 20.0 | 18.3 | | ug/L | | 92 | 76 - 126 | | |
| 1,4-Dioxane | | | 400 | 330 | | ug/L | | 83 | 70 - 142 | | |
| 2-Butanone | | | 100 | 97.7 | | ug/L | | 98 | 69 - 128 | | |
| 2-Hexanone | | | 100 | 104 | | ug/L | | 104 | 74 - 127 | | |
| 4-Methyl-2-pentanone | | | 100 | 102 | | ug/L | | 102 | 69 - 128 | | |
| Acetone | | | 100 | 93.3 | | ug/L | | 93 | 61 - 134 | | |
| Benzene | | | 20.0 | 19.5 | | ug/L | | 98 | 78 - 126 | | |
| Bromodichloromethane | | | 20.0 | 19.2 | | ug/L | | 96 | 72 - 121 | | |
| Bromoform | | | 20.0 | 17.6 | | ug/L | | 88 | 38 - 144 | | |
| Bromomethane | | | 20.0 | 20.4 | | ug/L | | 102 | 43 - 150 | | |
| Carbon disulfide | | | 20.0 | 20.8 | | ug/L | | 104 | 64 - 138 | | |
| Carbon tetrachloride | | | 20.0 | 18.8 | | ug/L | | 94 | 56 - 131 | | |
| Chlorobenzene | | | 20.0 | 20.0 | | ug/L | | 100 | 80 - 119 | | |
| Chloroethane | | | 20.0 | 18.2 | | ug/L | | 91 | 50 - 150 | | |
| Chloroform | | | 20.0 | 19.0 | | ug/L | | 95 | 78 - 125 | | |
| Chloromethane | | | 20.0 | 16.6 | | ug/L | | 83 | 38 - 150 | | |
| cis-1,2-Dichloroethene | | | 20.0 | 18.3 | | ug/L | | 91 | 78 - 121 | | |
| cis-1,3-Dichloropropene | | | 20.0 | 18.9 | | ug/L | | 95 | 74 - 125 | | |
| Dibromochloromethane | | | 20.0 | 19.9 | | ug/L | | 99 | 58 - 130 | | |
| Ethylbenzene | | | 20.0 | 20.6 | | ug/L | | 103 | 78 - 120 | | |
| Methylene Chloride | | | 20.0 | 18.1 | | ug/L | | 90 | 74 - 127 | | |
| Styrene | | | 20.0 | 20.7 | | ug/L | | 104 | 75 - 127 | | |
| Tetrachloroethene | | | 20.0 | 16.9 | | ug/L | | 84 | 70 - 127 | | |
| Toluene | | | 20.0 | 19.9 | | ug/L | | 99 | 78 - 119 | | |
| trans-1,2-Dichloroethene | | | 20.0 | 18.9 | | ug/L | | 95 | 74 - 126 | | |
| trans-1,3-Dichloropropene | | | 20.0 | 19.2 | | ug/L | | 96 | 66 - 127 | | |
| Trichloroethene | | | 20.0 | 18.4 | | ug/L | | 92 | 71 - 121 | | |
| Vinyl chloride | | | 20.0 | 17.4 | | ug/L | | 87 | 61 - 144 | | |
| Xylenes, Total | | | 40.0 | 39.9 | | ug/L | | 100 | 78 - 122 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *90* | | *75 - 123* |
| *Bromofluorobenzene* | *94* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *95* | | *77 - 124* |
| *Toluene-d8 (Surr)* | *99* | | *80 - 120* |

**Lab Sample ID: LCSD 460-804255/6** **Client Sample ID: Lab Control Sample Dup**
**Matrix: Water** **Prep Type: Total/NA**
**Analysis Batch: 804255**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 20.0 | 19.6 | | ug/L | | 98 | 68 - 128 | 2 | 30 |

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

**Lab Sample ID: LCSD 460-804255/6**
**Matrix: Water**
**Analysis Batch: 804255**

**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 | 21.4 | | ug/L | | 107 | 63 - 139 | 8 | 30 |
| 1,1,2-Trichloroethane | | | 20.0 | 18.4 | | ug/L | | 92 | 74 - 125 | 3 | 30 |
| 1,1-Dichloroethane | | | 20.0 | 18.2 | | ug/L | | 91 | 73 - 130 | 2 | 30 |
| 1,1-Dichloroethene | | | 20.0 | 19.7 | | ug/L | | 98 | 68 - 133 | 0 | 30 |
| 1,2-Dichloroethane | | | 20.0 | 17.8 | | ug/L | | 89 | 75 - 121 | 1 | 30 |
| 1,2-Dichloropropane | | | 20.0 | 18.6 | | ug/L | | 93 | 76 - 126 | 2 | 30 |
| 1,4-Dioxane | | | 400 | 318 | | ug/L | | 80 | 70 - 142 | 4 | 30 |
| 2-Butanone | | | 100 | 105 | | ug/L | | 105 | 69 - 128 | 7 | 30 |
| 2-Hexanone | | | 100 | 109 | | ug/L | | 109 | 74 - 127 | 5 | 30 |
| 4-Methyl-2-pentanone | | | 100 | 108 | | ug/L | | 108 | 69 - 128 | 6 | 30 |
| Acetone | | | 100 | 97.4 | | ug/L | | 97 | 61 - 134 | 4 | 30 |
| Benzene | | | 20.0 | 20.0 | | ug/L | | 100 | 78 - 126 | 2 | 30 |
| Bromodichloromethane | | | 20.0 | 18.7 | | ug/L | | 94 | 72 - 121 | 2 | 30 |
| Bromoform | | | 20.0 | 18.1 | | ug/L | | 91 | 38 - 144 | 3 | 30 |
| Bromomethane | | | 20.0 | 21.7 | | ug/L | | 109 | 43 - 150 | 6 | 30 |
| Carbon disulfide | | | 20.0 | 20.8 | | ug/L | | 104 | 64 - 138 | 0 | 30 |
| Carbon tetrachloride | | | 20.0 | 19.2 | | ug/L | | 96 | 56 - 131 | 2 | 30 |
| Chlorobenzene | | | 20.0 | 19.9 | | ug/L | | 99 | 80 - 119 | 1 | 30 |
| Chloroethane | | | 20.0 | 18.4 | | ug/L | | 92 | 50 - 150 | 1 | 30 |
| Chloroform | | | 20.0 | 18.6 | | ug/L | | 93 | 78 - 125 | 2 | 30 |
| Chloromethane | | | 20.0 | 16.4 | | ug/L | | 82 | 38 - 150 | 1 | 30 |
| cis-1,2-Dichloroethene | | | 20.0 | 18.7 | | ug/L | | 94 | 78 - 121 | 2 | 30 |
| cis-1,3-Dichloropropene | | | 20.0 | 19.0 | | ug/L | | 95 | 74 - 125 | 0 | 30 |
| Dibromochloromethane | | | 20.0 | 20.6 | | ug/L | | 103 | 58 - 130 | 3 | 30 |
| Ethylbenzene | | | 20.0 | 20.2 | | ug/L | | 101 | 78 - 120 | 2 | 30 |
| Methylene Chloride | | | 20.0 | 17.7 | | ug/L | | 89 | 74 - 127 | 2 | 30 |
| Styrene | | | 20.0 | 20.4 | | ug/L | | 102 | 75 - 127 | 1 | 30 |
| Tetrachloroethene | | | 20.0 | 18.5 | | ug/L | | 93 | 70 - 127 | 9 | 30 |
| Toluene | | | 20.0 | 20.2 | | ug/L | | 101 | 78 - 119 | 2 | 30 |
| trans-1,2-Dichloroethene | | | 20.0 | 18.7 | | ug/L | | 93 | 74 - 126 | 1 | 30 |
| trans-1,3-Dichloropropene | | | 20.0 | 19.5 | | ug/L | | 97 | 66 - 127 | 1 | 30 |
| Trichloroethene | | | 20.0 | 18.6 | | ug/L | | 93 | 71 - 121 | 1 | 30 |
| Vinyl chloride | | | 20.0 | 17.2 | | ug/L | | 86 | 61 - 144 | 1 | 30 |
| Xylenes, Total | | | 40.0 | 40.7 | | ug/L | | 102 | 78 - 122 | 2 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *75 - 123* |
| *Bromofluorobenzene* | *98* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *99* | | *77 - 124* |
| *Toluene-d8 (Surr)* | *104* | | *80 - 120* |

**Lab Sample ID: MB 460-804423/8**
**Matrix: Water**
**Analysis Batch: 804423**

**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 | | | 10/01/21 01:16 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.37 | U | 1.0 | 0.37 | ug/L | | | 10/01/21 01:16 | 1 |

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

**Lab Sample ID: MB 460-804423/8**
**Matrix: Water**
**Analysis Batch: 804423**

**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 | | | 10/01/21 01:16 | 1 |
| 1,1-Dichloroethane | 0.26 | U | 1.0 | 0.26 | ug/L | | | 10/01/21 01:16 | 1 |
| 1,1-Dichloroethene | 0.26 | U | 1.0 | 0.26 | ug/L | | | 10/01/21 01:16 | 1 |
| 1,2-Dichloroethane | 0.43 | U | 1.0 | 0.43 | ug/L | | | 10/01/21 01:16 | 1 |
| 1,2-Dichloropropane | 0.35 | U | 1.0 | 0.35 | ug/L | | | 10/01/21 01:16 | 1 |
| 1,4-Dioxane | 28 | U | 50 | 28 | ug/L | | | 10/01/21 01:16 | 1 |
| 2-Butanone | 1.9 | U | 5.0 | 1.9 | ug/L | | | 10/01/21 01:16 | 1 |
| 2-Hexanone | 1.1 | U | 5.0 | 1.1 | ug/L | | | 10/01/21 01:16 | 1 |
| 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 | ug/L | | | 10/01/21 01:16 | 1 |
| Acetone | 4.4 | U | 5.0 | 4.4 | ug/L | | | 10/01/21 01:16 | 1 |
| Benzene | 0.20 | U | 1.0 | 0.20 | ug/L | | | 10/01/21 01:16 | 1 |
| Bromodichloromethane | 0.34 | U | 1.0 | 0.34 | ug/L | | | 10/01/21 01:16 | 1 |
| Bromoform | 0.54 | U | 1.0 | 0.54 | ug/L | | | 10/01/21 01:16 | 1 |
| Bromomethane | 0.55 | U | 1.0 | 0.55 | ug/L | | | 10/01/21 01:16 | 1 |
| Carbon disulfide | 0.82 | U | 1.0 | 0.82 | ug/L | | | 10/01/21 01:16 | 1 |
| Carbon tetrachloride | 0.21 | U | 1.0 | 0.21 | ug/L | | | 10/01/21 01:16 | 1 |
| Chlorobenzene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 10/01/21 01:16 | 1 |
| Chloroethane | 0.32 | U | 1.0 | 0.32 | ug/L | | | 10/01/21 01:16 | 1 |
| Chloroform | 0.33 | U | 1.0 | 0.33 | ug/L | | | 10/01/21 01:16 | 1 |
| Chloromethane | 0.40 | U | 1.0 | 0.40 | ug/L | | | 10/01/21 01:16 | 1 |
| cis-1,2-Dichloroethene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 10/01/21 01:16 | 1 |
| cis-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 10/01/21 01:16 | 1 |
| Dibromochloromethane | 0.28 | U | 1.0 | 0.28 | ug/L | | | 10/01/21 01:16 | 1 |
| Ethylbenzene | 0.30 | U | 1.0 | 0.30 | ug/L | | | 10/01/21 01:16 | 1 |
| Methylene Chloride | 0.32 | U | 1.0 | 0.32 | ug/L | | | 10/01/21 01:16 | 1 |
| Styrene | 0.42 | U | 1.0 | 0.42 | ug/L | | | 10/01/21 01:16 | 1 |
| Tetrachloroethene | 0.25 | U | 1.0 | 0.25 | ug/L | | | 10/01/21 01:16 | 1 |
| Toluene | 0.38 | U | 1.0 | 0.38 | ug/L | | | 10/01/21 01:16 | 1 |
| trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 | ug/L | | | 10/01/21 01:16 | 1 |
| trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 | ug/L | | | 10/01/21 01:16 | 1 |
| Trichloroethene | 0.31 | U | 1.0 | 0.31 | ug/L | | | 10/01/21 01:16 | 1 |
| Vinyl chloride | 0.17 | U | 1.0 | 0.17 | ug/L | | | 10/01/21 01:16 | 1 |
| Xylenes, Total | 0.30 | U | 1.0 | 0.30 | ug/L | | | 10/01/21 01:16 | 1 |

| *Tentatively Identified Compound* | *MB Est. Result* | *MB Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | | | *10/01/21 01:16* | *1* |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *93* | | *75 - 123* | | *10/01/21 01:16* | *1* |
| *Bromofluorobenzene* | *97* | | *76 - 120* | | *10/01/21 01:16* | *1* |
| *Dibromofluoromethane (Surr)* | *89* | | *77 - 124* | | *10/01/21 01:16* | *1* |
| *Toluene-d8 (Surr)* | *94* | | *80 - 120* | | *10/01/21 01:16* | *1* |

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

**Lab Sample ID: LCS 460-804423/3** **Client Sample ID: Lab Control Sample**
**Matrix: Water** **Prep Type: Total/NA**
**Analysis Batch: 804423**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 20.0 | 17.8 | | ug/L | | 89 | 68 - 128 | | |
| 1,1,2,2-Tetrachloroethane | | | 20.0 | 18.7 | | ug/L | | 94 | 63 - 139 | | |
| 1,1,2-Trichloroethane | | | 20.0 | 19.2 | | ug/L | | 96 | 74 - 125 | | |
| 1,1-Dichloroethane | | | 20.0 | 18.0 | | ug/L | | 90 | 73 - 130 | | |
| 1,1-Dichloroethene | | | 20.0 | 19.0 | | ug/L | | 95 | 68 - 133 | | |
| 1,2-Dichloroethane | | | 20.0 | 19.0 | | ug/L | | 95 | 75 - 121 | | |
| 1,2-Dichloropropane | | | 20.0 | 18.3 | | ug/L | | 91 | 76 - 126 | | |
| 1,4-Dioxane | | | 400 | 389 | | ug/L | | 97 | 70 - 142 | | |
| 2-Butanone | | | 100 | 90.4 | | ug/L | | 90 | 69 - 128 | | |
| 2-Hexanone | | | 100 | 104 | | ug/L | | 104 | 74 - 127 | | |
| 4-Methyl-2-pentanone | | | 100 | 97.9 | | ug/L | | 98 | 69 - 128 | | |
| Acetone | | | 100 | 103 | | ug/L | | 103 | 61 - 134 | | |
| Benzene | | | 20.0 | 18.2 | | ug/L | | 91 | 78 - 126 | | |
| Bromodichloromethane | | | 20.0 | 18.2 | | ug/L | | 91 | 72 - 121 | | |
| Bromoform | | | 20.0 | 15.8 | | ug/L | | 79 | 38 - 144 | | |
| Bromomethane | | | 20.0 | 16.0 | | ug/L | | 80 | 43 - 150 | | |
| Carbon disulfide | | | 20.0 | 18.0 | | ug/L | | 90 | 64 - 138 | | |
| Carbon tetrachloride | | | 20.0 | 15.7 | | ug/L | | 79 | 56 - 131 | | |
| Chlorobenzene | | | 20.0 | 18.7 | | ug/L | | 94 | 80 - 119 | | |
| Chloroethane | | | 20.0 | 22.0 | | ug/L | | 110 | 50 - 150 | | |
| Chloroform | | | 20.0 | 18.7 | | ug/L | | 93 | 78 - 125 | | |
| Chloromethane | | | 20.0 | 18.6 | | ug/L | | 93 | 38 - 150 | | |
| cis-1,2-Dichloroethene | | | 20.0 | 18.6 | | ug/L | | 93 | 78 - 121 | | |
| cis-1,3-Dichloropropene | | | 20.0 | 16.6 | | ug/L | | 83 | 74 - 125 | | |
| Dibromochloromethane | | | 20.0 | 16.9 | | ug/L | | 84 | 58 - 130 | | |
| Ethylbenzene | | | 20.0 | 18.6 | | ug/L | | 93 | 78 - 120 | | |
| Methylene Chloride | | | 20.0 | 18.2 | | ug/L | | 91 | 74 - 127 | | |
| Styrene | | | 20.0 | 18.2 | | ug/L | | 91 | 75 - 127 | | |
| Tetrachloroethene | | | 20.0 | 18.2 | | ug/L | | 91 | 70 - 127 | | |
| Toluene | | | 20.0 | 18.3 | | ug/L | | 91 | 78 - 119 | | |
| trans-1,2-Dichloroethene | | | 20.0 | 17.7 | | ug/L | | 88 | 74 - 126 | | |
| trans-1,3-Dichloropropene | | | 20.0 | 17.4 | | ug/L | | 87 | 66 - 127 | | |
| Trichloroethene | | | 20.0 | 18.4 | | ug/L | | 92 | 71 - 121 | | |
| Vinyl chloride | | | 20.0 | 17.9 | | ug/L | | 89 | 61 - 144 | | |
| Xylenes, Total | | | 40.0 | 37.3 | | ug/L | | 93 | 78 - 122 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *75 - 123* |
| *Bromofluorobenzene* | *101* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *91* | | *77 - 124* |
| *Toluene-d8 (Surr)* | *92* | | *80 - 120* |

**Lab Sample ID: LCSD 460-804423/4** **Client Sample ID: Lab Control Sample Dup**
**Matrix: Water** **Prep Type: Total/NA**
**Analysis Batch: 804423**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 20.0 | 18.5 | | ug/L | | 93 | 68 - 128 | 4 | 30 |

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

**Lab Sample ID: LCSD 460-804423/4** **Client Sample ID: Lab Control Sample Dup**
**Matrix: Water** **Prep Type: Total/NA**
**Analysis Batch: 804423**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | | | 20.0 | 18.4 | | ug/L | | 92 | 63 - 139 | 2 | 30 |
| 1,1,2-Trichloroethane | | | 20.0 | 19.7 | | ug/L | | 98 | 74 - 125 | 2 | 30 |
| 1,1-Dichloroethane | | | 20.0 | 19.1 | | ug/L | | 95 | 73 - 130 | 6 | 30 |
| 1,1-Dichloroethene | | | 20.0 | 19.8 | | ug/L | | 99 | 68 - 133 | 4 | 30 |
| 1,2-Dichloroethane | | | 20.0 | 19.6 | | ug/L | | 98 | 75 - 121 | 3 | 30 |
| 1,2-Dichloropropane | | | 20.0 | 18.7 | | ug/L | | 93 | 76 - 126 | 2 | 30 |
| 1,4-Dioxane | | | 400 | 410 | | ug/L | | 103 | 70 - 142 | 5 | 30 |
| 2-Butanone | | | 100 | 89.7 | | ug/L | | 90 | 69 - 128 | 1 | 30 |
| 2-Hexanone | | | 100 | 102 | | ug/L | | 102 | 74 - 127 | 2 | 30 |
| 4-Methyl-2-pentanone | | | 100 | 98.6 | | ug/L | | 99 | 69 - 128 | 1 | 30 |
| Acetone | | | 100 | 99.6 | | ug/L | | 100 | 61 - 134 | 3 | 30 |
| Benzene | | | 20.0 | 18.9 | | ug/L | | 95 | 78 - 126 | 4 | 30 |
| Bromodichloromethane | | | 20.0 | 18.2 | | ug/L | | 91 | 72 - 121 | 0 | 30 |
| Bromoform | | | 20.0 | 15.7 | | ug/L | | 78 | 38 - 144 | 0 | 30 |
| Bromomethane | | | 20.0 | 16.6 | | ug/L | | 83 | 43 - 150 | 3 | 30 |
| Carbon disulfide | | | 20.0 | 18.8 | | ug/L | | 94 | 64 - 138 | 4 | 30 |
| Carbon tetrachloride | | | 20.0 | 17.1 | | ug/L | | 86 | 56 - 131 | 8 | 30 |
| Chlorobenzene | | | 20.0 | 19.2 | | ug/L | | 96 | 80 - 119 | 3 | 30 |
| Chloroethane | | | 20.0 | 23.2 | | ug/L | | 116 | 50 - 150 | 5 | 30 |
| Chloroform | | | 20.0 | 19.3 | | ug/L | | 97 | 78 - 125 | 3 | 30 |
| Chloromethane | | | 20.0 | 18.6 | | ug/L | | 93 | 38 - 150 | 0 | 30 |
| cis-1,2-Dichloroethene | | | 20.0 | 19.1 | | ug/L | | 95 | 78 - 121 | 2 | 30 |
| cis-1,3-Dichloropropene | | | 20.0 | 17.1 | | ug/L | | 86 | 74 - 125 | 3 | 30 |
| Dibromochloromethane | | | 20.0 | 16.8 | | ug/L | | 84 | 58 - 130 | 0 | 30 |
| Ethylbenzene | | | 20.0 | 19.2 | | ug/L | | 96 | 78 - 120 | 4 | 30 |
| Methylene Chloride | | | 20.0 | 18.5 | | ug/L | | 92 | 74 - 127 | 1 | 30 |
| Styrene | | | 20.0 | 18.5 | | ug/L | | 93 | 75 - 127 | 2 | 30 |
| Tetrachloroethene | | | 20.0 | 18.5 | | ug/L | | 92 | 70 - 127 | 2 | 30 |
| Toluene | | | 20.0 | 19.2 | | ug/L | | 96 | 78 - 119 | 5 | 30 |
| trans-1,2-Dichloroethene | | | 20.0 | 18.9 | | ug/L | | 94 | 74 - 126 | 6 | 30 |
| trans-1,3-Dichloropropene | | | 20.0 | 17.5 | | ug/L | | 88 | 66 - 127 | 0 | 30 |
| Trichloroethene | | | 20.0 | 19.1 | | ug/L | | 95 | 71 - 121 | 4 | 30 |
| Vinyl chloride | | | 20.0 | 18.7 | | ug/L | | 93 | 61 - 144 | 4 | 30 |
| Xylenes, Total | | | 40.0 | 38.3 | | ug/L | | 96 | 78 - 122 | 3 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *75 - 123* |
| *Bromofluorobenzene* | *101* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *91* | | *77 - 124* |
| *Toluene-d8 (Surr)* | *92* | | *80 - 120* |

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U | Indicates the analyte was analyzed for but not detected. |

### GC/MS 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 |

# QC Association Summary

Client: ECM, Inc.
Job ID: 460-243332-1
Project/Site: 1192 - Stony Point -NY - AGWM/ADM/QDM

## GC/MS VOA

### Analysis Batch: 804255

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-243332-1 | TB | Total/NA | Water | 8260D | |
| 460-243332-4 | FB | Total/NA | Water | 8260D | |
| 460-243332-5 | MW-36 | Total/NA | Water | 8260D | |
| 460-243332-6 | MW-31 | Total/NA | Water | 8260D | |
| 460-243332-7 | MW-24 | Total/NA | Water | 8260D | |
| 460-243332-8 | MW-71 | Total/NA | Water | 8260D | |
| 460-243332-9 | MW-54 | Total/NA | Water | 8260D | |
| MB 460-804255/9 | Method Blank | Total/NA | Water | 8260D | |
| LCS 460-804255/5 | Lab Control Sample | Total/NA | Water | 8260D | |
| LCSD 460-804255/6 | Lab Control Sample Dup | Total/NA | Water | 8260D | |

### Analysis Batch: 804423

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-243332-2 | MW-43 | Total/NA | Water | 8260D | |
| 460-243332-3 | PZ-23 | Total/NA | Water | 8260D | |
| MB 460-804423/8 | Method Blank | Total/NA | Water | 8260D | |
| LCS 460-804423/3 | Lab Control Sample | Total/NA | Water | 8260D | |
| LCSD 460-804423/4 | Lab Control Sample Dup | Total/NA | Water | 8260D | |

# Lab Chronicle

Client: ECM, Inc. Job ID: 460-243332-1
Project/Site: 1192 - Stony Point -NY - AGWM/ADM/QDM

## Client Sample ID: TB — Lab Sample ID: 460-243332-1
**Date Collected: 09/20/21 00:00** **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 804255 | 09/30/21 11:05 | AAT | TAL EDI |

## Client Sample ID: MW-43 — Lab Sample ID: 460-243332-2
**Date Collected: 09/21/21 09:35** **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 804423 | 10/01/21 02:06 | MZS | TAL EDI |

## Client Sample ID: PZ-23 — Lab Sample ID: 460-243332-3
**Date Collected: 09/21/21 10:11** **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 804423 | 10/01/21 02:31 | MZS | TAL EDI |

## Client Sample ID: FB — Lab Sample ID: 460-243332-4
**Date Collected: 09/21/21 10:55** **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 804255 | 09/30/21 11:26 | AAT | TAL EDI |

## Client Sample ID: MW-36 — Lab Sample ID: 460-243332-5
**Date Collected: 09/21/21 11:00** **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 804255 | 09/30/21 16:21 | AAT | TAL EDI |

## Client Sample ID: MW-31 — Lab Sample ID: 460-243332-6
**Date Collected: 09/21/21 11:30** **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 804255 | 09/30/21 16:42 | AAT | TAL EDI |

## Client Sample ID: MW-24 — Lab Sample ID: 460-243332-7
**Date Collected: 09/21/21 12:20** **Matrix: Water**
**Date Received: 09/21/21 14:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 804255 | 09/30/21 17:03 | AAT | TAL EDI |

# Lab Chronicle

Client: ECM, Inc.
Job ID: 460-243332-1
Project/Site: 1192 - Stony Point -NY - AGWM/ADM/QDM

## Client Sample ID: MW-71
**Lab Sample ID: 460-243332-8**
**Date Collected: 09/21/21 12:47**
**Matrix: Water**
**Date Received: 09/21/21 14:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 804255 | 09/30/21 17:24 | AAT | TAL EDI |

## Client Sample ID: MW-54
**Lab Sample ID: 460-243332-9**
**Date Collected: 09/21/21 13:15**
**Matrix: Water**
**Date Received: 09/21/21 14:55**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 804255 | 09/30/21 17:45 | AAT | 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: 460-243332-1
Project/Site: 1192 - Stony Point -NY - AGWM/ADM/QDM

## Laboratory: Eurofins TestAmerica, Edison

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| New Jersey | NELAP | 12028 | 06-30-22 |
| New York | NELAP | 11452 | 04-01-22 |
| Pennsylvania | NELAP | 68-00522 | 02-28-22 |

# 8260D

## Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

| Client Sample ID | Lab Sample ID | DBFM # | DCA # | TOL # | BFB # |
|---|---|---|---|---|---|
| TB | 460-243332-1 | 98 | 97 | 103 | 89 |
| MW-43 | 460-243332-2 | 91 | 96 | 93 | 101 |
| PZ-23 | 460-243332-3 | 91 | 95 | 91 | 102 |
| FB | 460-243332-4 | 101 | 97 | 99 | 87 |
| MW-36 | 460-243332-5 | 99 | 99 | 104 | 87 |
| MW-31 | 460-243332-6 | 99 | 96 | 108 | 89 |
| MW-24 | 460-243332-7 | 100 | 97 | 106 | 88 |
| MW-71 | 460-243332-8 | 100 | 96 | 105 | 88 |
| MW-54 | 460-243332-9 | 105 | 100 | 107 | 92 |
| | MB 460-804255/9 | 97 | 92 | 100 | 92 |
| | MB 460-804423/8 | 89 | 93 | 94 | 97 |
| | LCS 460-804255/5 | 95 | 90 | 99 | 94 |
| | LCS 460-804423/3 | 91 | 97 | 92 | 101 |
| | LCSD 460-804255/6 | 99 | 94 | 104 | 98 |
| | LCSD 460-804423/4 | 91 | 97 | 92 | 101 |

| | 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 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Matrix: Water  Level: Low  Lab File ID: V08322.D

Lab ID: LCS 460-804255/5  Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 19.2 | 96 | 68-128 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 19.8 | 99 | 63-139 | |
| 1,1,2-Trichloroethane | 20.0 | 18.8 | 94 | 74-125 | |
| 1,1-Dichloroethane | 20.0 | 18.5 | 93 | 73-130 | |
| 1,1-Dichloroethene | 20.0 | 19.6 | 98 | 68-133 | |
| 1,2-Dichloroethane | 20.0 | 18.1 | 90 | 75-121 | |
| 1,2-Dichloropropane | 20.0 | 18.3 | 92 | 76-126 | |
| 1,4-Dioxane | 400 | 330 | 83 | 70-142 | |
| 2-Butanone | 100 | 97.7 | 98 | 69-128 | |
| 2-Hexanone | 100 | 104 | 104 | 74-127 | |
| 4-Methyl-2-pentanone | 100 | 102 | 102 | 69-128 | |
| Acetone | 100 | 93.3 | 93 | 61-134 | |
| Benzene | 20.0 | 19.5 | 98 | 78-126 | |
| Bromodichloromethane | 20.0 | 19.2 | 96 | 72-121 | |
| Bromoform | 20.0 | 17.6 | 88 | 38-144 | |
| Bromomethane | 20.0 | 20.4 | 102 | 43-150 | |
| Carbon disulfide | 20.0 | 20.8 | 104 | 64-138 | |
| Carbon tetrachloride | 20.0 | 18.8 | 94 | 56-131 | |
| Chlorobenzene | 20.0 | 20.0 | 100 | 80-119 | |
| Chloroethane | 20.0 | 18.2 | 91 | 50-150 | |
| Chloroform | 20.0 | 19.0 | 95 | 78-125 | |
| Chloromethane | 20.0 | 16.6 | 83 | 38-150 | |
| cis-1,2-Dichloroethene | 20.0 | 18.3 | 91 | 78-121 | |
| cis-1,3-Dichloropropene | 20.0 | 18.9 | 95 | 74-125 | |
| Dibromochloromethane | 20.0 | 19.9 | 99 | 58-130 | |
| Ethylbenzene | 20.0 | 20.6 | 103 | 78-120 | |
| Methylene Chloride | 20.0 | 18.1 | 90 | 74-127 | |
| Styrene | 20.0 | 20.7 | 104 | 75-127 | |
| Tetrachloroethene | 20.0 | 16.9 | 84 | 70-127 | |
| Toluene | 20.0 | 19.9 | 99 | 78-119 | |
| trans-1,2-Dichloroethene | 20.0 | 18.9 | 95 | 74-126 | |
| trans-1,3-Dichloropropene | 20.0 | 19.2 | 96 | 66-127 | |
| Trichloroethene | 20.0 | 18.4 | 92 | 71-121 | |
| Vinyl chloride | 20.0 | 17.4 | 87 | 61-144 | |
| Xylenes, Total | 40.0 | 39.9 | 100 | 78-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Matrix: Water  Level: Low  Lab File ID: P93984.D

Lab ID: LCS 460-804423/3  Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 17.8 | 89 | 68-128 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 18.7 | 94 | 63-139 | |
| 1,1,2-Trichloroethane | 20.0 | 19.2 | 96 | 74-125 | |
| 1,1-Dichloroethane | 20.0 | 18.0 | 90 | 73-130 | |
| 1,1-Dichloroethene | 20.0 | 19.0 | 95 | 68-133 | |
| 1,2-Dichloroethane | 20.0 | 19.0 | 95 | 75-121 | |
| 1,2-Dichloropropane | 20.0 | 18.3 | 91 | 76-126 | |
| 1,4-Dioxane | 400 | 389 | 97 | 70-142 | |
| 2-Butanone | 100 | 90.4 | 90 | 69-128 | |
| 2-Hexanone | 100 | 104 | 104 | 74-127 | |
| 4-Methyl-2-pentanone | 100 | 97.9 | 98 | 69-128 | |
| Acetone | 100 | 103 | 103 | 61-134 | |
| Benzene | 20.0 | 18.2 | 91 | 78-126 | |
| Bromodichloromethane | 20.0 | 18.2 | 91 | 72-121 | |
| Bromoform | 20.0 | 15.8 | 79 | 38-144 | |
| Bromomethane | 20.0 | 16.0 | 80 | 43-150 | |
| Carbon disulfide | 20.0 | 18.0 | 90 | 64-138 | |
| Carbon tetrachloride | 20.0 | 15.7 | 79 | 56-131 | |
| Chlorobenzene | 20.0 | 18.7 | 94 | 80-119 | |
| Chloroethane | 20.0 | 22.0 | 110 | 50-150 | |
| Chloroform | 20.0 | 18.7 | 93 | 78-125 | |
| Chloromethane | 20.0 | 18.6 | 93 | 38-150 | |
| cis-1,2-Dichloroethene | 20.0 | 18.6 | 93 | 78-121 | |
| cis-1,3-Dichloropropene | 20.0 | 16.6 | 83 | 74-125 | |
| Dibromochloromethane | 20.0 | 16.9 | 84 | 58-130 | |
| Ethylbenzene | 20.0 | 18.6 | 93 | 78-120 | |
| Methylene Chloride | 20.0 | 18.2 | 91 | 74-127 | |
| Styrene | 20.0 | 18.2 | 91 | 75-127 | |
| Tetrachloroethene | 20.0 | 18.2 | 91 | 70-127 | |
| Toluene | 20.0 | 18.3 | 91 | 78-119 | |
| trans-1,2-Dichloroethene | 20.0 | 17.7 | 88 | 74-126 | |
| trans-1,3-Dichloropropene | 20.0 | 17.4 | 87 | 66-127 | |
| Trichloroethene | 20.0 | 18.4 | 92 | 71-121 | |
| Vinyl chloride | 20.0 | 17.9 | 89 | 61-144 | |
| Xylenes, Total | 40.0 | 37.3 | 93 | 78-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V08323.D

Lab ID: LCSD 460-804255/6 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 | 19.6 | 98 | 2 | 30 | 68-128 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 21.4 | 107 | 8 | 30 | 63-139 | |
| 1,1,2-Trichloroethane | 20.0 | 18.4 | 92 | 3 | 30 | 74-125 | |
| 1,1-Dichloroethane | 20.0 | 18.2 | 91 | 2 | 30 | 73-130 | |
| 1,1-Dichloroethene | 20.0 | 19.7 | 98 | 0 | 30 | 68-133 | |
| 1,2-Dichloroethane | 20.0 | 17.8 | 89 | 1 | 30 | 75-121 | |
| 1,2-Dichloropropane | 20.0 | 18.6 | 93 | 2 | 30 | 76-126 | |
| 1,4-Dioxane | 400 | 318 | 80 | 4 | 30 | 70-142 | |
| 2-Butanone | 100 | 105 | 105 | 7 | 30 | 69-128 | |
| 2-Hexanone | 100 | 109 | 109 | 5 | 30 | 74-127 | |
| 4-Methyl-2-pentanone | 100 | 108 | 108 | 6 | 30 | 69-128 | |
| Acetone | 100 | 97.4 | 97 | 4 | 30 | 61-134 | |
| Benzene | 20.0 | 20.0 | 100 | 2 | 30 | 78-126 | |
| Bromodichloromethane | 20.0 | 18.7 | 94 | 2 | 30 | 72-121 | |
| Bromoform | 20.0 | 18.1 | 91 | 3 | 30 | 38-144 | |
| Bromomethane | 20.0 | 21.7 | 109 | 6 | 30 | 43-150 | |
| Carbon disulfide | 20.0 | 20.8 | 104 | 0 | 30 | 64-138 | |
| Carbon tetrachloride | 20.0 | 19.2 | 96 | 2 | 30 | 56-131 | |
| Chlorobenzene | 20.0 | 19.9 | 99 | 1 | 30 | 80-119 | |
| Chloroethane | 20.0 | 18.4 | 92 | 1 | 30 | 50-150 | |
| Chloroform | 20.0 | 18.6 | 93 | 2 | 30 | 78-125 | |
| Chloromethane | 20.0 | 16.4 | 82 | 1 | 30 | 38-150 | |
| cis-1,2-Dichloroethene | 20.0 | 18.7 | 94 | 2 | 30 | 78-121 | |
| cis-1,3-Dichloropropene | 20.0 | 19.0 | 95 | 0 | 30 | 74-125 | |
| Dibromochloromethane | 20.0 | 20.6 | 103 | 3 | 30 | 58-130 | |
| Ethylbenzene | 20.0 | 20.2 | 101 | 2 | 30 | 78-120 | |
| Methylene Chloride | 20.0 | 17.7 | 89 | 2 | 30 | 74-127 | |
| Styrene | 20.0 | 20.4 | 102 | 1 | 30 | 75-127 | |
| Tetrachloroethene | 20.0 | 18.5 | 93 | 9 | 30 | 70-127 | |
| Toluene | 20.0 | 20.2 | 101 | 2 | 30 | 78-119 | |
| trans-1,2-Dichloroethene | 20.0 | 18.7 | 93 | 1 | 30 | 74-126 | |
| trans-1,3-Dichloropropene | 20.0 | 19.5 | 97 | 1 | 30 | 66-127 | |
| Trichloroethene | 20.0 | 18.6 | 93 | 1 | 30 | 71-121 | |
| Vinyl chloride | 20.0 | 17.2 | 86 | 1 | 30 | 61-144 | |
| Xylenes, Total | 40.0 | 40.7 | 102 | 2 | 30 | 78-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Matrix: Water  Level: Low  Lab File ID: P93985.D

Lab ID: LCSD 460-804423/4  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 | 18.5 | 93 | 4 | 30 | 68-128 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 18.4 | 92 | 2 | 30 | 63-139 | |
| 1,1,2-Trichloroethane | 20.0 | 19.7 | 98 | 2 | 30 | 74-125 | |
| 1,1-Dichloroethane | 20.0 | 19.1 | 95 | 6 | 30 | 73-130 | |
| 1,1-Dichloroethene | 20.0 | 19.8 | 99 | 4 | 30 | 68-133 | |
| 1,2-Dichloroethane | 20.0 | 19.6 | 98 | 3 | 30 | 75-121 | |
| 1,2-Dichloropropane | 20.0 | 18.7 | 93 | 2 | 30 | 76-126 | |
| 1,4-Dioxane | 400 | 410 | 103 | 5 | 30 | 70-142 | |
| 2-Butanone | 100 | 89.7 | 90 | 1 | 30 | 69-128 | |
| 2-Hexanone | 100 | 102 | 102 | 2 | 30 | 74-127 | |
| 4-Methyl-2-pentanone | 100 | 98.6 | 99 | 1 | 30 | 69-128 | |
| Acetone | 100 | 99.6 | 100 | 3 | 30 | 61-134 | |
| Benzene | 20.0 | 18.9 | 95 | 4 | 30 | 78-126 | |
| Bromodichloromethane | 20.0 | 18.2 | 91 | 0 | 30 | 72-121 | |
| Bromoform | 20.0 | 15.7 | 78 | 0 | 30 | 38-144 | |
| Bromomethane | 20.0 | 16.6 | 83 | 3 | 30 | 43-150 | |
| Carbon disulfide | 20.0 | 18.8 | 94 | 4 | 30 | 64-138 | |
| Carbon tetrachloride | 20.0 | 17.1 | 86 | 8 | 30 | 56-131 | |
| Chlorobenzene | 20.0 | 19.2 | 96 | 3 | 30 | 80-119 | |
| Chloroethane | 20.0 | 23.2 | 116 | 5 | 30 | 50-150 | |
| Chloroform | 20.0 | 19.3 | 97 | 3 | 30 | 78-125 | |
| Chloromethane | 20.0 | 18.6 | 93 | 0 | 30 | 38-150 | |
| cis-1,2-Dichloroethene | 20.0 | 19.1 | 95 | 2 | 30 | 78-121 | |
| cis-1,3-Dichloropropene | 20.0 | 17.1 | 86 | 3 | 30 | 74-125 | |
| Dibromochloromethane | 20.0 | 16.8 | 84 | 0 | 30 | 58-130 | |
| Ethylbenzene | 20.0 | 19.2 | 96 | 4 | 30 | 78-120 | |
| Methylene Chloride | 20.0 | 18.5 | 92 | 1 | 30 | 74-127 | |
| Styrene | 20.0 | 18.5 | 93 | 2 | 30 | 75-127 | |
| Tetrachloroethene | 20.0 | 18.5 | 92 | 2 | 30 | 70-127 | |
| Toluene | 20.0 | 19.2 | 96 | 5 | 30 | 78-119 | |
| trans-1,2-Dichloroethene | 20.0 | 18.9 | 94 | 6 | 30 | 74-126 | |
| trans-1,3-Dichloropropene | 20.0 | 17.5 | 88 | 0 | 30 | 66-127 | |
| Trichloroethene | 20.0 | 19.1 | 95 | 4 | 30 | 71-121 | |
| Vinyl chloride | 20.0 | 18.7 | 93 | 4 | 30 | 61-144 | |
| Xylenes, Total | 40.0 | 38.3 | 96 | 3 | 30 | 78-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab File ID: V08326.D Lab Sample ID: MB 460-804255/9

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

Instrument ID: CVOAMS7 Date Analyzed: 09/30/2021 10:44

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 460-804255/5 | V08322.D | 09/30/2021 09:20 |
| | LCSD 460-804255/6 | V08323.D | 09/30/2021 09:41 |
| TB | 460-243332-1 | V08327.D | 09/30/2021 11:05 |
| FB | 460-243332-4 | V08328.D | 09/30/2021 11:26 |
| MW-36 | 460-243332-5 | V08342.D | 09/30/2021 16:21 |
| MW-31 | 460-243332-6 | V08343.D | 09/30/2021 16:42 |
| MW-24 | 460-243332-7 | V08344.D | 09/30/2021 17:03 |
| MW-71 | 460-243332-8 | V08345.D | 09/30/2021 17:24 |
| MW-54 | 460-243332-9 | V08346.D | 09/30/2021 17:45 |

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Lab File ID: P93989.D  Lab Sample ID: MB 460-804423/8

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

Instrument ID: CVOAMS13  Date Analyzed: 10/01/2021 01:16

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 460-804423/3 | P93984.D | 09/30/2021 23:10 |
| | LCSD 460-804423/4 | P93985.D | 09/30/2021 23:35 |
| MW-43 | 460-243332-2 | P93991.D | 10/01/2021 02:06 |
| PZ-23 | 460-243332-3 | P93992.D | 10/01/2021 02:31 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Lab File ID: P93050.D  BFB Injection Date: 09/12/2021

Instrument ID: CVOAMS13  BFB Injection Time: 10:15

Analysis Batch No.: 800842

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 128.9 |
| 96 | 5 - 9% of m/z 95 | 7.4 |
| 173 | Less than 2% of m/z 174 | 0.6 |
| 174 | 50 - 200% of m/z 95 | 77.6 |
| 175 | 5 - 9% of m/z 174 | 7.5 |
| 176 | 95 -105% of m/z 174 | 98.8 |
| 177 | 5 - 10% of m/z 176 | 6.2 |

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 460-800842/3 | P93052.D | 09/12/2021 | 11:04 |
| | STD1 460-800842/4 | P93053.D | 09/12/2021 | 11:29 |
| | STD5 460-800842/5 | P93054.D | 09/12/2021 | 11:54 |
| | STD20 460-800842/6 | P93055.D | 09/12/2021 | 12:34 |
| | STD50 460-800842/7 | P93056.D | 09/12/2021 | 12:59 |
| | STD200 460-800842/8 | P93057.D | 09/12/2021 | 13:24 |
| | STD500 460-800842/9 | P93058.D | 09/12/2021 | 13:49 |
| | ICV 460-800842/16 | P93065.D | 09/12/2021 | 16:50 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Lab File ID: V07729.D  BFB Injection Date: 09/20/2021

Instrument ID: CVOAMS7  BFB Injection Time: 11:25

Analysis Batch No.: 802292

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 121.6 |
| 96 | 5 - 9% of m/z 95 | 6.3 |
| 173 | Less than 2% of m/z 174 | 1.1 |
| 174 | 50 - 200% of m/z 95 | 82.3 |
| 175 | 5 - 9% of m/z 174 | 7.6 |
| 176 | 95 -105% of m/z 174 | 95.6 |
| 177 | 5 - 10% of m/z 176 | 6.2 |

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 460-802292/2 | V07730.D | 09/20/2021 | 12:12 |
| | STD1 460-802292/5 | V07733.D | 09/20/2021 | 13:15 |
| | STD5 460-802292/6 | V07734.D | 09/20/2021 | 13:37 |
| | STD20 460-802292/7 | V07735.D | 09/20/2021 | 13:58 |
| | STD50 460-802292/8 | V07736.D | 09/20/2021 | 14:19 |
| | STD200 460-802292/9 | V07737.D | 09/20/2021 | 14:40 |
| | STD500 460-802292/10 | V07738.D | 09/20/2021 | 15:02 |
| | STD05 460-802292/16 | V07744.D | 09/20/2021 | 17:09 |
| | ICV 460-802292/17 | V07745.D | 09/20/2021 | 17:31 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Sample No.: STD20 460-800842/6  Date Analyzed: 09/12/2021 12:34

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

Lab File ID (Standard): P93055.D  Heated Purge: (Y/N) N

Calibration ID: 87147

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 129834 | 1.69 | 169769 | 2.61 | 543530 | 3.15 |
| UPPER LIMIT | | 259668 | 2.19 | 339538 | 3.11 | 1087060 | 3.65 |
| LOWER LIMIT | | 64917 | 1.19 | 84885 | 2.11 | 271765 | 2.65 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-800842/16 | | 115597 | 1.69 | 150637 | 2.61 | 515995 | 3.15 |

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Sample No.: STD20 460-800842/6  Date Analyzed: 09/12/2021 12:34

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

Lab File ID (Standard): P93055.D  Heated Purge: (Y/N) N

Calibration ID: 87147

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 19556 | 3.97 | 357461 | 6.39 | 217470 | 9.86 |
| UPPER LIMIT | | 39112 | 4.47 | 714922 | 6.89 | 434940 | 10.36 |
| LOWER LIMIT | | 9778 | 3.47 | 178731 | 5.89 | 108735 | 9.36 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-800842/16 | | 18315 | 3.97 | 343448 | 6.39 | 198761 | 9.86 |

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Sample No.: CCVIS 460-804423/2  Date Analyzed: 09/30/2021 22:45

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

Lab File ID (Standard): P93983.D  Heated Purge: (Y/N) N

Calibration ID: 87147

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 150972 | 1.70 | 200629 | 2.61 | 586463 | 3.14 |
| UPPER LIMIT | | 301944 | 2.20 | 401258 | 3.11 | 1172926 | 3.64 |
| LOWER LIMIT | | 75486 | 1.20 | 100315 | 2.11 | 293232 | 2.64 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-804423/3 | | 163560 | 1.69 | 210095 | 2.61 | 600877 | 3.14 |
| LCSD 460-804423/4 | | 166995 | 1.69 | 213267 | 2.61 | 618571 | 3.14 |
| MB 460-804423/8 | | 154342 | 1.69 | 195633 | 2.61 | 580692 | 3.15 |
| 460-243332-2 | MW-43 | 172725 | 1.70 | 207410 | 2.61 | 550825 | 3.15 |
| 460-243332-3 | PZ-23 | 163831 | 1.69 | 201353 | 2.61 | 563210 | 3.15 |

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Sample No.: CCVIS 460-804423/2  Date Analyzed: 09/30/2021 22:45

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

Lab File ID (Standard): P93983.D  Heated Purge: (Y/N) N

Calibration ID: 87147

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 20217 | 3.97 | 423669 | 6.39 | 245314 | 9.86 |
| UPPER LIMIT | | 40434 | 4.47 | 847338 | 6.89 | 490628 | 10.36 |
| LOWER LIMIT | | 10109 | 3.47 | 211835 | 5.89 | 122657 | 9.36 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-804423/3 | | 21016 | 3.96 | 433517 | 6.39 | 244503 | 9.86 |
| LCSD 460-804423/4 | | 20765 | 3.96 | 443164 | 6.39 | 249396 | 9.86 |
| MB 460-804423/8 | | 18423 | 3.97 | 407858 | 6.39 | 226425 | 9.86 |
| 460-243332-2 | MW-43 | 23063 | 3.97 | 395651 | 6.39 | 221042 | 9.86 |
| 460-243332-3 | PZ-23 | 20808 | 3.97 | 394467 | 6.39 | 219301 | 9.86 |

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Sample No.: STD20 460-802292/7  Date Analyzed: 09/20/2021 13:58

Instrument ID: CVOAMS7  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): V07735.D  Heated Purge: (Y/N) N

Calibration ID: 87363

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 37365 | 2.62 | 244361 | 3.58 | 484771 | 4.66 |
| UPPER LIMIT | | 74730 | 3.12 | 488722 | 4.08 | 969542 | 5.16 |
| LOWER LIMIT | | 18683 | 2.12 | 122181 | 3.08 | 242386 | 4.16 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-802292/17 | | 30525 | 2.62 | 202419 | 3.60 | 445089 | 4.66 |

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Sample No.: STD20 460-802292/7  Date Analyzed: 09/20/2021 13:58

Instrument ID: CVOAMS7  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): V07735.D  Heated Purge: (Y/N) N

Calibration ID: 87363

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 23243 | 5.39 | 353718 | 8.32 | 180192 | 10.58 |
| UPPER LIMIT | | 46486 | 5.89 | 707436 | 8.82 | 360384 | 11.08 |
| LOWER LIMIT | | 11622 | 4.89 | 176859 | 7.82 | 90096 | 10.08 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-802292/17 | | 18223 | 5.39 | 319833 | 8.33 | 159499 | 10.58 |

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Sample No.: CCVIS 460-804255/4  Date Analyzed: 09/30/2021 08:57

Instrument ID: CVOAMS7  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): V08321.D  Heated Purge: (Y/N) N

Calibration ID: 87363

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 53212 | 2.62 | 352295 | 3.58 | 756732 | 4.66 |
| UPPER LIMIT | | 106424 | 3.12 | 704590 | 4.08 | 1513464 | 5.16 |
| LOWER LIMIT | | 26606 | 2.12 | 176148 | 3.08 | 378366 | 4.16 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-804255/5 | | 53057 | 2.62 | 363654 | 3.58 | 785723 | 4.66 |
| LCSD 460-804255/6 | | 54508 | 2.62 | 344445 | 3.58 | 782630 | 4.66 |
| MB 460-804255/9 | | 44900 | 2.62 | 292911 | 3.58 | 697706 | 4.66 |
| 460-243332-1 | TB | 44451 | 2.62 | 277407 | 3.60 | 656887 | 4.66 |
| 460-243332-4 | FB | 43701 | 2.62 | 278040 | 3.58 | 622791 | 4.66 |
| 460-243332-5 | MW-36 | 43651 | 2.62 | 281385 | 3.58 | 603819 | 4.66 |
| 460-243332-6 | MW-31 | 40139 | 2.62 | 248468 | 3.58 | 592055 | 4.66 |
| 460-243332-7 | MW-24 | 43436 | 2.62 | 275991 | 3.60 | 631853 | 4.66 |
| 460-243332-8 | MW-71 | 39763 | 2.62 | 241044 | 3.60 | 576951 | 4.66 |
| 460-243332-9 | MW-54 | 38706 | 2.62 | 254127 | 3.60 | 587592 | 4.66 |

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 8260D

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Sample No.: CCVIS 460-804255/4  Date Analyzed: 09/30/2021 08:57

Instrument ID: CVOAMS7  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): V08321.D  Heated Purge: (Y/N) N

Calibration ID: 87363

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 38305 | 5.38 | 542655 | 8.32 | 262736 | 10.58 |
| UPPER LIMIT | | 76610 | 5.88 | 1085310 | 8.82 | 525472 | 11.08 |
| LOWER LIMIT | | 19153 | 4.88 | 271328 | 7.82 | 131368 | 10.08 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-804255/5 | | 38080 | 5.38 | 574493 | 8.32 | 276259 | 10.58 |
| LCSD 460-804255/6 | | 38497 | 5.38 | 567590 | 8.32 | 269621 | 10.58 |
| MB 460-804255/9 | | 29412 | 5.38 | 508233 | 8.32 | 221253 | 10.58 |
| 460-243332-1 | TB | 29905 | 5.39 | 477698 | 8.32 | 216522 | 10.58 |
| 460-243332-4 | FB | 31634 | 5.38 | 468563 | 8.32 | 208408 | 10.58 |
| 460-243332-5 | MW-36 | 22972 | 5.38 | 444379 | 8.32 | 194177 | 10.58 |
| 460-243332-6 | MW-31 | 27549 | 5.39 | 421985 | 8.32 | 181218 | 10.58 |
| 460-243332-7 | MW-24 | 25354 | 5.39 | 451680 | 8.32 | 198097 | 10.58 |
| 460-243332-8 | MW-71 | 23250 | 5.38 | 413602 | 8.32 | 187557 | 10.58 |
| 460-243332-9 | MW-54 | 23642 | 5.39 | 421129 | 8.32 | 177764 | 10.58 |

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 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: TB  Lab Sample ID: 460-243332-1

Matrix: Water  Lab File ID: V08327.D

Analysis Method: 8260D  Date Collected: 09/20/2021 00:00

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 11:05

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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 | 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.: 460-243332-1

SDG No.:

Client Sample ID: TB  Lab Sample ID: 460-243332-1

Matrix: Water  Lab File ID: V08327.D

Analysis Method: 8260D  Date Collected: 09/20/2021 00:00

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 11:05

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 89 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 98 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 103 | | 80-120 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: TB  Lab Sample ID: 460-243332-1

Matrix: Water  Lab File ID: V08327.D

Analysis Method: 8260D  Date Collected: 09/20/2021 00:00

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 11:05

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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\CVOAMS7\20210930-135296.b\V08327.D
Lims ID: 460-243332-A-1
Client ID: TB
Sample Type: Client
Inject. Date: 30-Sep-2021 11:05:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-A-1
Misc. Info.: 460-0135296-010
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 11:56:58 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1658

First Level Reviewer: delpolitov Date: 30-Sep-2021 11:56:58

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 44451 | 1000.0 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.583 | 0.012 | 98 | 277407 | 250.0 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 95 | 183541 | 49.1 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.383 | 0.012 | 96 | 190283 | 48.4 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 656887 | 50.0 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.378 | 0.011 | 86 | 29905 | 1000.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 98 | 811278 | 51.6 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 85 | 477698 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 200665 | 44.5 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.579 | 10.578 | 0.000 | 94 | 216522 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 30-Sep-2021 11:56:58 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08327.D

Injection Date: 30-Sep-2021 11:05:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-A-1 Lab Sample ID: 460-243332-1

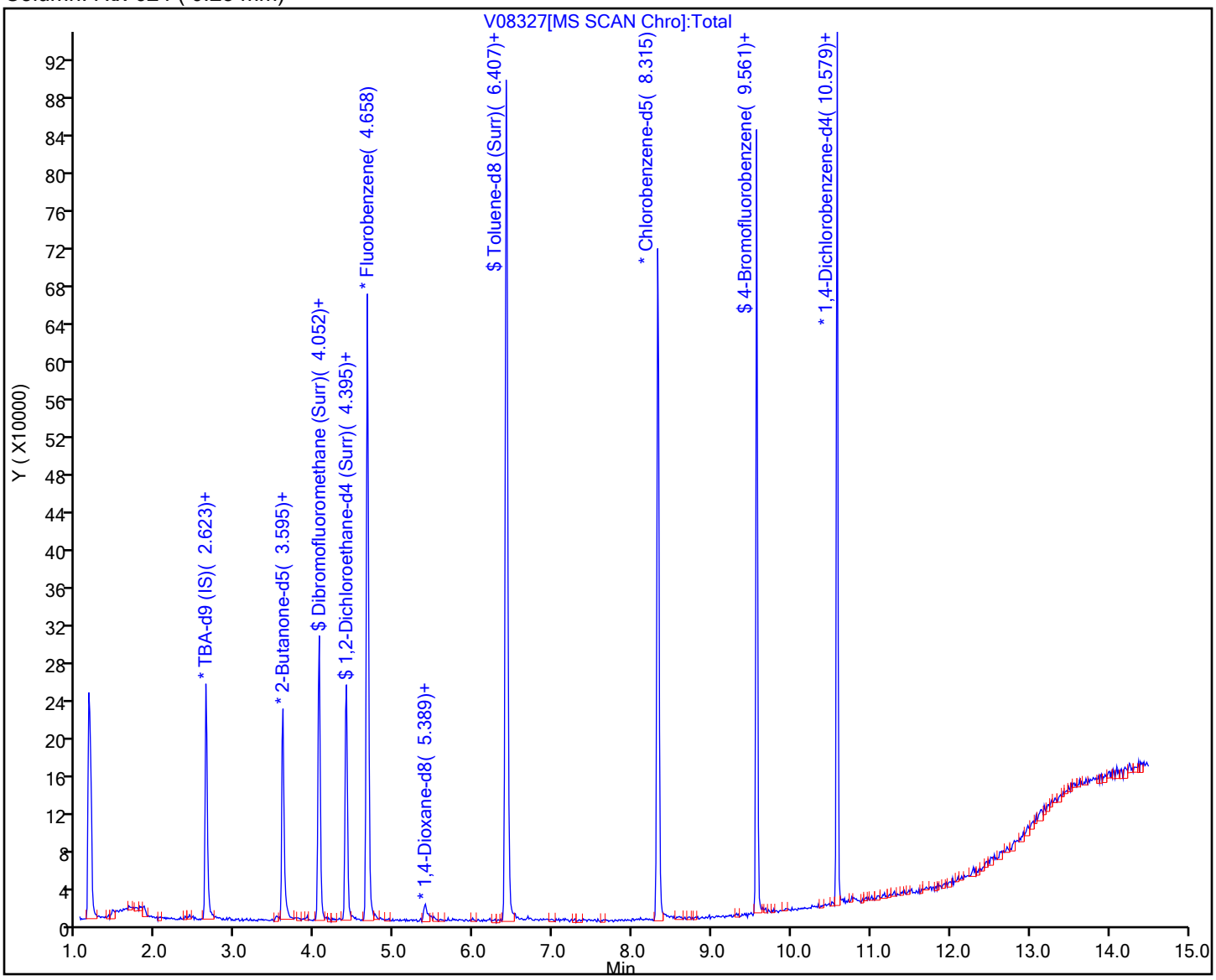
Client ID: TB

Operator ID: ALS Bottle#: 59 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



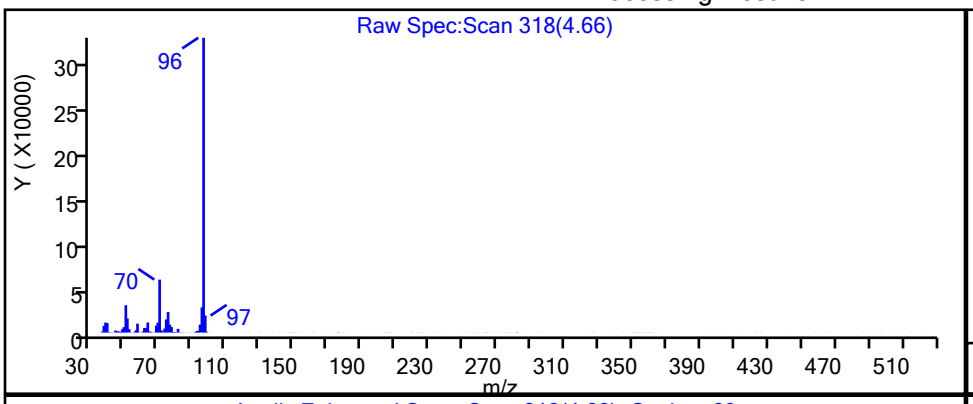
User Disabled Compound Report

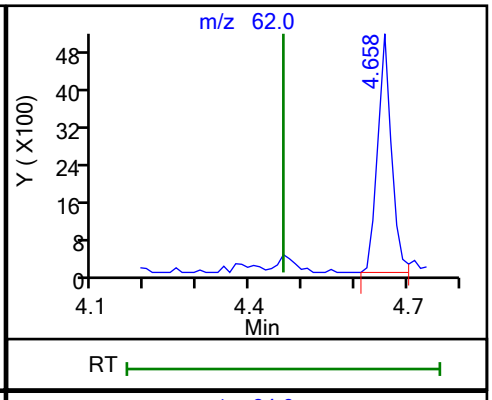
Eurofins TestAmerica, Edison

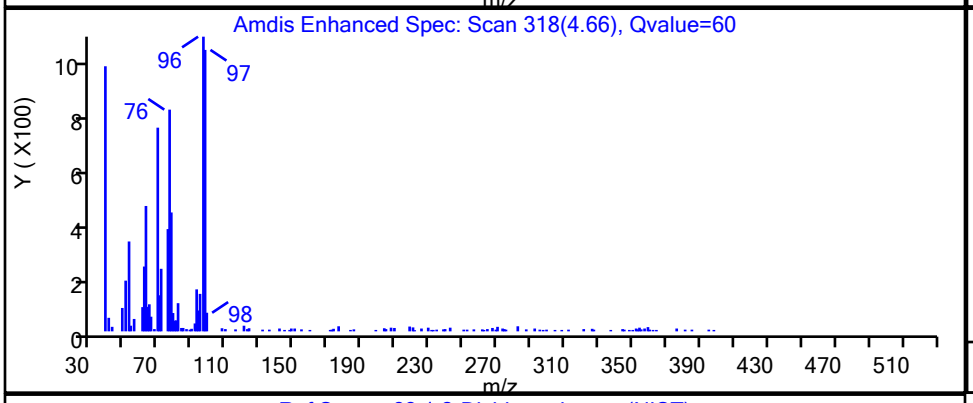
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08327.D | | |
| Injection Date: | 30-Sep-2021 11:05:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | 460-243332-A-1 | Lab Sample ID: | 460-243332-1 |
| Client ID: | TB | | |
| Operator ID: | | ALS Bottle#: | 59 Worklist Smp#: 10 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

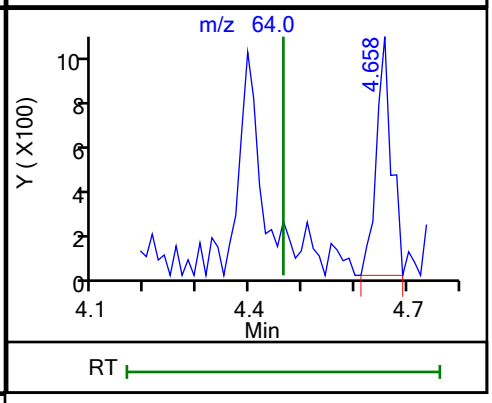
## 63 1,2-Dichloroethane, CAS: 107-06-2

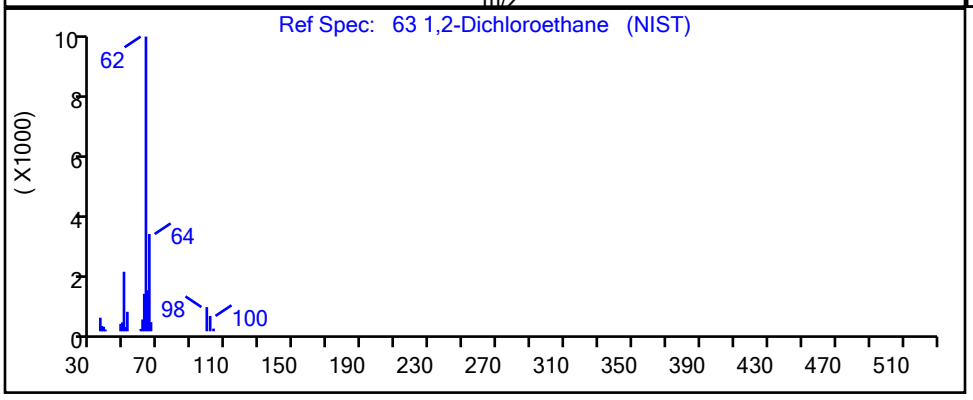
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.66 | 62.00 | 9453 | 1.106739 |
| 4.66 | 64.00 | 2078 | |

Reviewer: delpolitov, 30-Sep-2021 11:56:50

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.: 460-243332-1

SDG No.:

Client Sample ID: MW-43  Lab Sample ID: 460-243332-2

Matrix: Water  Lab File ID: P93991.D

Analysis Method: 8260D  Date Collected: 09/21/2021 09:35

Sample wt/vol: 5(mL)  Date Analyzed: 10/01/2021 02:06

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804423  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 | 170 | | 50 | 28 |
| 78-93-3 | 2-Butanone | 1.9 | U | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 1.1 | U | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 4.4 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 0.20 | U | 1.0 | 0.20 |
| 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 | 0.30 | U | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: MW-43  Lab Sample ID: 460-243332-2

Matrix: Water  Lab File ID: P93991.D

Analysis Method: 8260D  Date Collected: 09/21/2021 09:35

Sample wt/vol: 5(mL)  Date Analyzed: 10/01/2021 02:06

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804423  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 96 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 101 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 91 | | 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.: 460-243332-1

SDG No.:

Client Sample ID: MW-43  Lab Sample ID: 460-243332-2

Matrix: Water  Lab File ID: P93991.D

Analysis Method: 8260D  Date Collected: 09/21/2021 09:35

Sample wt/vol: 5(mL)  Date Analyzed: 10/01/2021 02:06

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804423  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\20210930-135326.b\P93991.D
Lims ID: 460-243332-B-2
Client ID: MW-43
Sample Type: Client
Inject. Date: 01-Oct-2021 02:06:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-B-2
Misc. Info.: 460-0135326-010
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2021 13:09:06 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: starzecm Date: 01-Oct-2021 11:04:29

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 33 TBA-d9 (IS) | 65 | 1.695 | 1.695 | 0.000 | 100 | 172725 | 1000.0 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.562 | 0.000 | 96 | 116209 | 45.3 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 207410 | 250.0 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.920 | 0.007 | 0 | 135694 | 48.0 | |
| 63 1,2-Dichloroethane | 62 | 2.984 | 2.977 | 0.007 | 86 | 1512 | 0.3998 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.142 | 0.007 | 99 | 550825 | 50.0 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.965 | 3.966 | -0.001 | 63 | 23063 | 1000.0 | |
| 78 1,4-Dioxane | 88 | 3.994 | 3.987 | 0.007 | 91 | 4803 | 165.7 | M |
| $ 82 Toluene-d8 (Surr) | 98 | 4.589 | 4.589 | 0.000 | 99 | 468922 | 46.5 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 87 | 395651 | 50.0 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 90 | 164494 | 50.4 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 96 | 221042 | 50.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00222 | Amount Added: | 1.00 | Units: uL | Run Reagent |

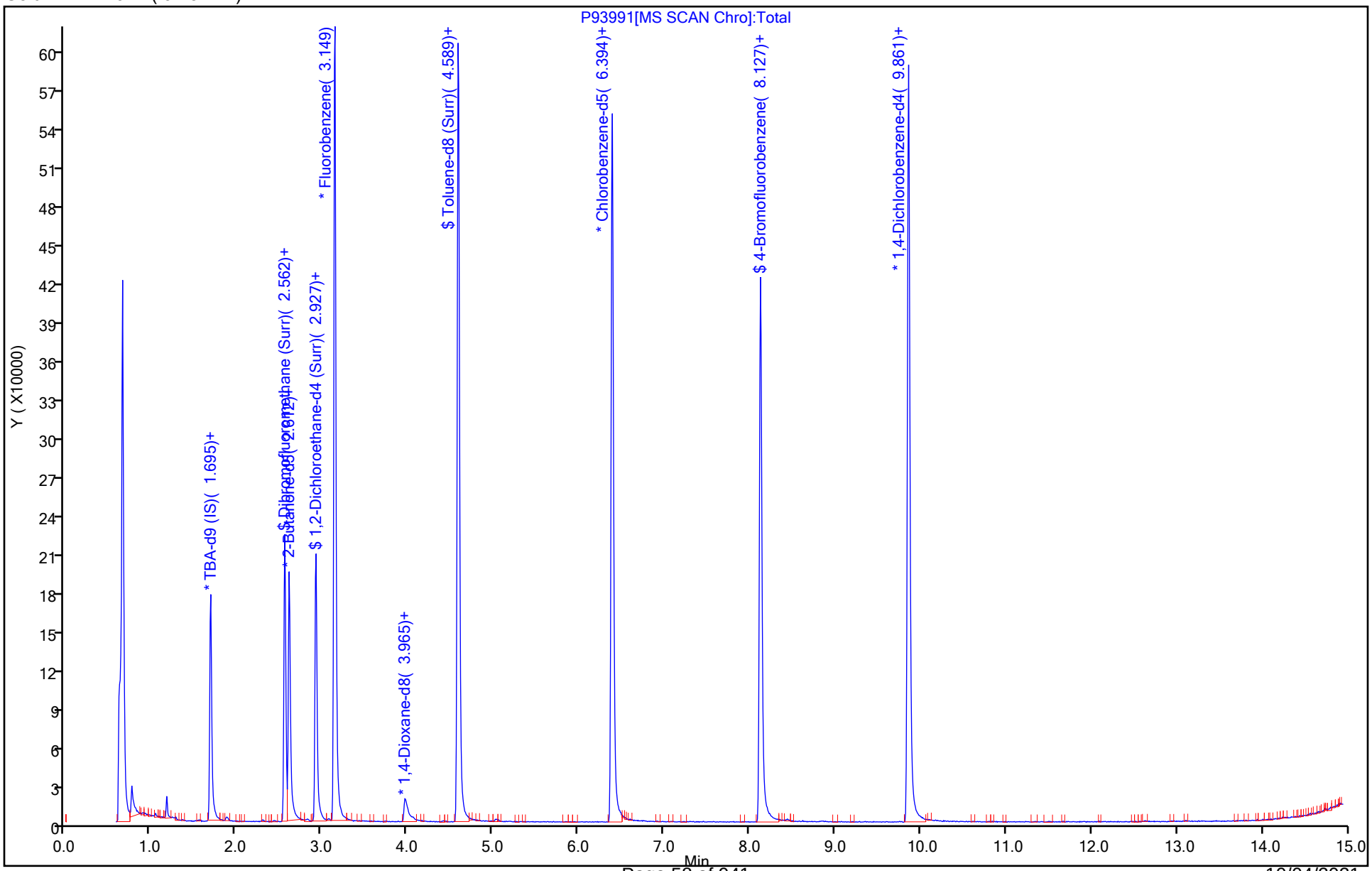
Report Date: 01-Oct-2021 13:09:07 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93991.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 01-Oct-2021 02:06:30 | Instrument ID: | CVOAMS13 | Operator ID: | |
| Lims ID: | 460-243332-B-2 | Lab Sample ID: | 460-243332-2 | Worklist Smp#: | 10 |
| Client ID: | MW-43 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |

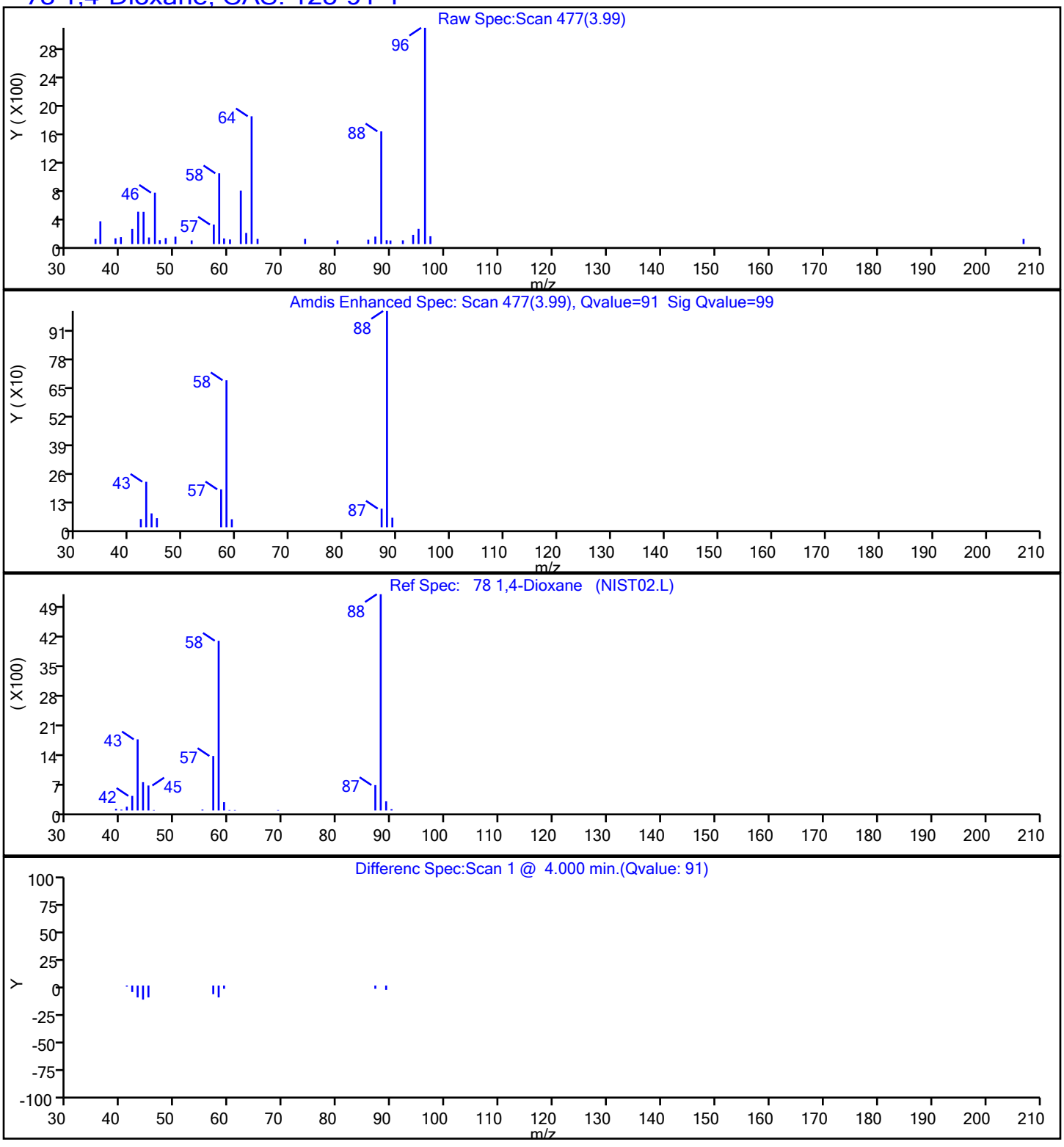
Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93991.D | | |
| Injection Date: | 01-Oct-2021 02:06:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | 460-243332-B-2 | Lab Sample ID: | 460-243332-2 |
| Client ID: | MW-43 | | |
| Operator ID: | | ALS Bottle#: | 9 Worklist Smp#: 10 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

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



Eurofins TestAmerica, Edison

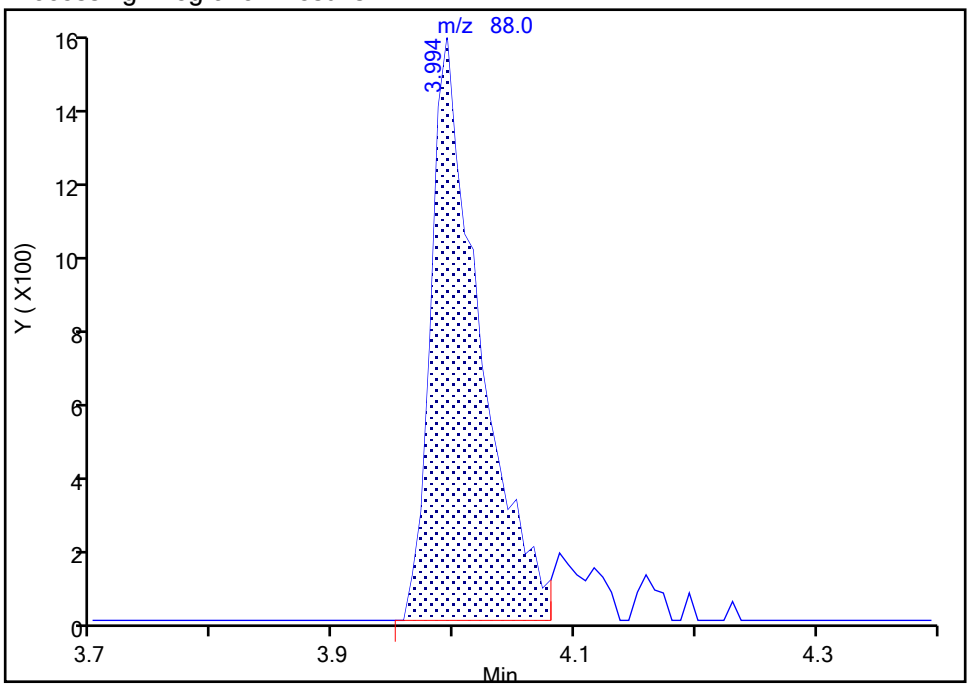
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93991.D | | | | |
| Injection Date: | 01-Oct-2021 02:06:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | 460-243332-B-2 | Lab Sample ID: | 460-243332-2 | | |
| Client ID: | MW-43 | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 10 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

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

Signal: 1

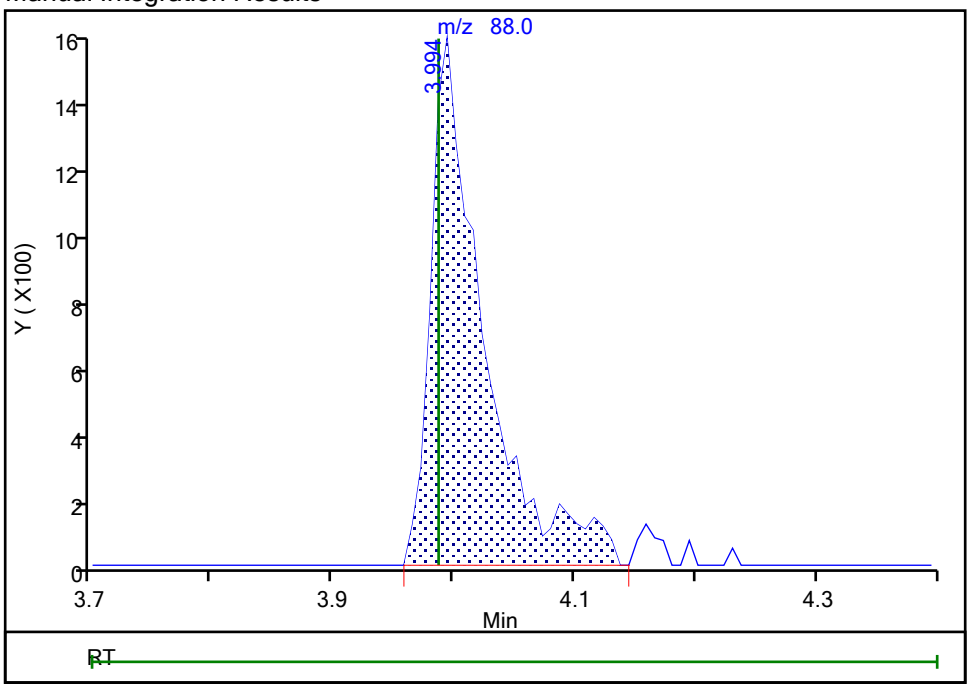
Processing Integration Results

RT: 3.99
Area: 4417
Amount: 152.3661
Amount Units: ug/l




Manual Integration Results

RT: 3.99
Area: 4803
Amount: 165.6813
Amount Units: ug/l




Reviewer: xuyvo, 01-Oct-2021 13:09:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

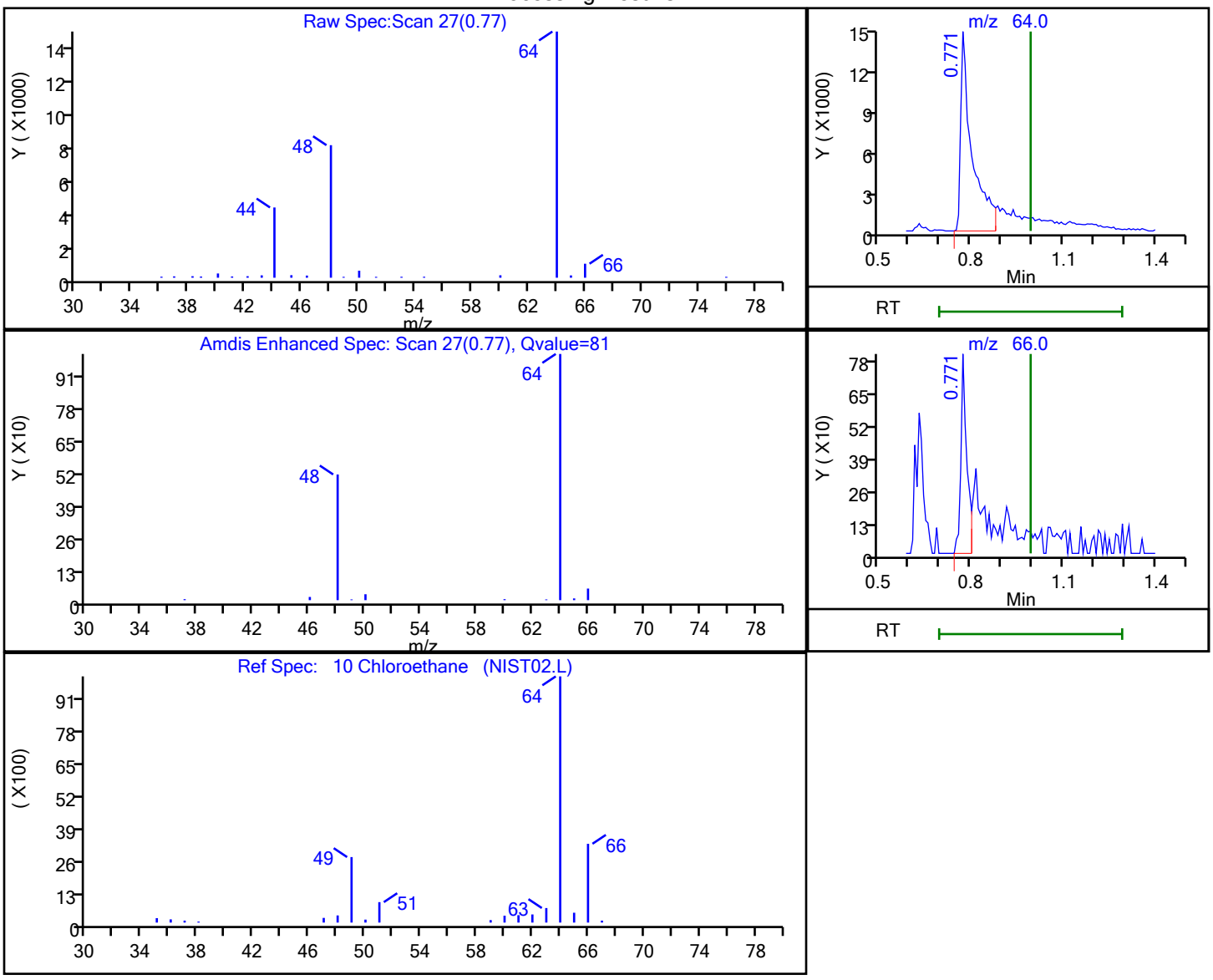
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93991.D | | | | |
| Injection Date: | 01-Oct-2021 02:06:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | 460-243332-B-2 | Lab Sample ID: | 460-243332-2 | | |
| Client ID: | MW-43 | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 10 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 10 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 0.77 | 64.00 | 37035 | 19.843976 |
| 0.77 | 66.00 | 1105 | |

Reviewer: starzecm, 01-Oct-2021 11:04:16

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.: 460-243332-1

SDG No.:

Client Sample ID: PZ-23  Lab Sample ID: 460-243332-3

Matrix: Water  Lab File ID: P93992.D

Analysis Method: 8260D  Date Collected: 09/21/2021 10:11

Sample wt/vol: 5(mL)  Date Analyzed: 10/01/2021 02:31

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804423  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 | 83 |  | 50 | 28 |
| 78-93-3 | 2-Butanone | 1.9 | U | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 1.1 | U | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone | 1.3 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 4.4 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 0.20 | U | 1.0 | 0.20 |
| 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 | 0.30 | U | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: PZ-23  Lab Sample ID: 460-243332-3

Matrix: Water  Lab File ID: P93992.D

Analysis Method: 8260D  Date Collected: 09/21/2021 10:11

Sample wt/vol: 5(mL)  Date Analyzed: 10/01/2021 02:31

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804423  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 95 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 102 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 91 | | 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.: 460-243332-1

SDG No.:

Client Sample ID: PZ-23  Lab Sample ID: 460-243332-3

Matrix: Water  Lab File ID: P93992.D

Analysis Method: 8260D  Date Collected: 09/21/2021 10:11

Sample wt/vol: 5(mL)  Date Analyzed: 10/01/2021 02:31

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804423  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\20210930-135326.b\P93992.D
Lims ID: 460-243332-B-3
Client ID: PZ-23
Sample Type: Client
Inject. Date: 01-Oct-2021 02:31:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-B-3
Misc. Info.: 460-0135326-011
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2021 13:09:06 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: starzecm Date: 01-Oct-2021 11:05:09

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 33 TBA-d9 (IS) | 65 | 1.688 | 1.695 | -0.007 | 99 | 163831 | 1000.0 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.562 | 0.000 | 97 | 119480 | 45.5 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 201353 | 250.0 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.920 | 0.007 | 0 | 137563 | 47.6 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.142 | 0.007 | 99 | 563210 | 50.0 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.965 | 3.966 | -0.001 | 63 | 20808 | 1000.0 | |
| 78 1,4-Dioxane | 88 | 3.994 | 3.987 | 0.007 | 91 | 2162 | 82.7 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.589 | 4.589 | 0.000 | 99 | 457278 | 45.5 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 86 | 394467 | 50.0 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 90 | 166404 | 51.2 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 96 | 219301 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00155 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

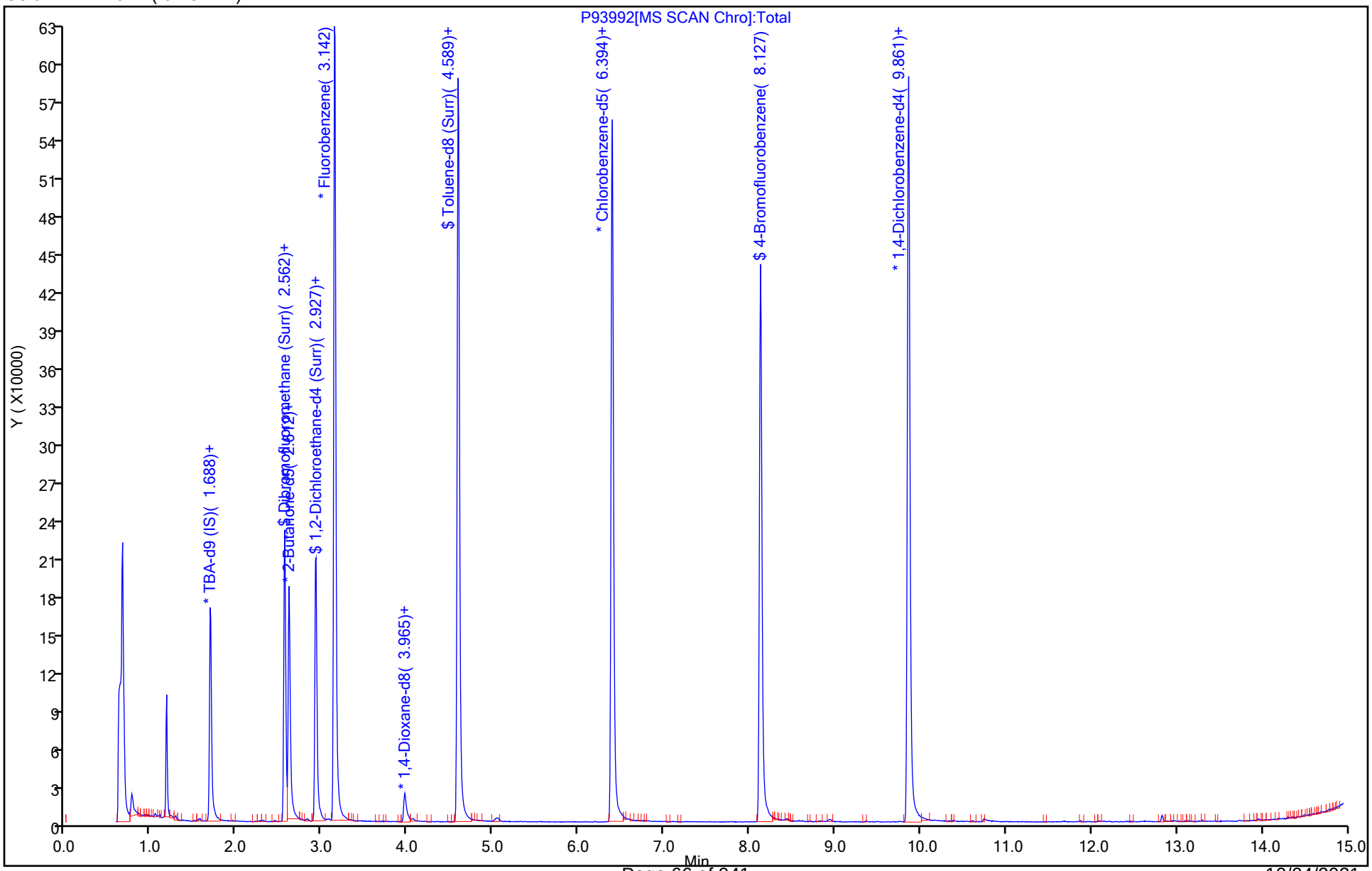
Report Date: 01-Oct-2021 13:10:13 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93992.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 01-Oct-2021 02:31:30 | Instrument ID: | CVOAMS13 | Operator ID: | |
| Lims ID: | 460-243332-B-3 | Lab Sample ID: | 460-243332-3 | Worklist Smp#: | 11 |
| Client ID: | PZ-23 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



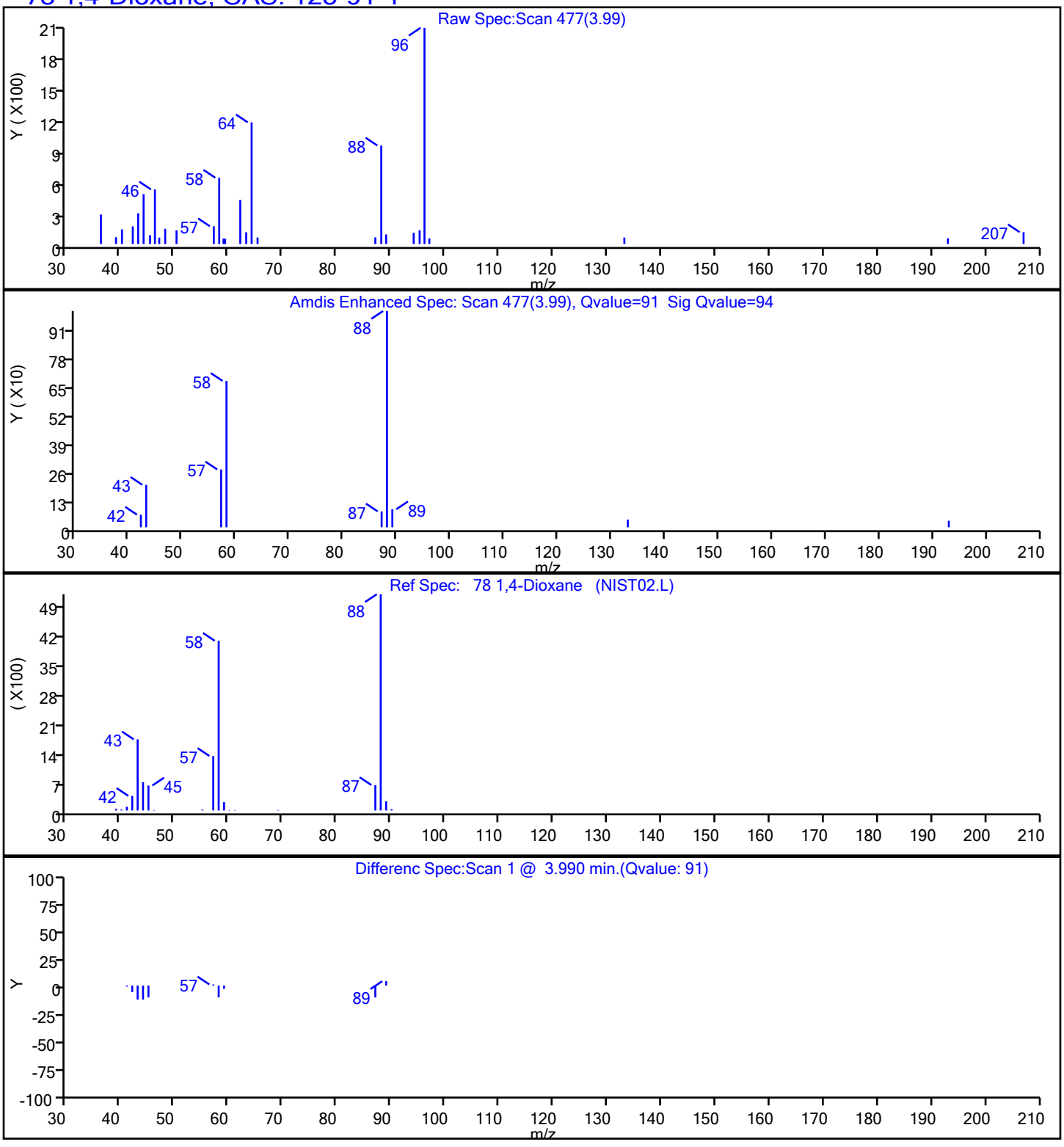
Report Date: 01-Oct-2021 13:10:13 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93992.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 01-Oct-2021 02:31:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | 460-243332-B-3 | Lab Sample ID: | 460-243332-3 | | |
| Client ID: | PZ-23 | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

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



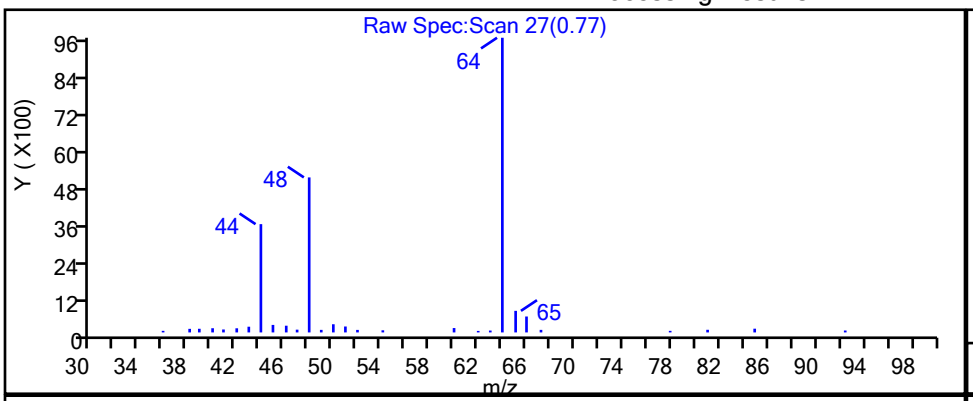
User Disabled Compound Report

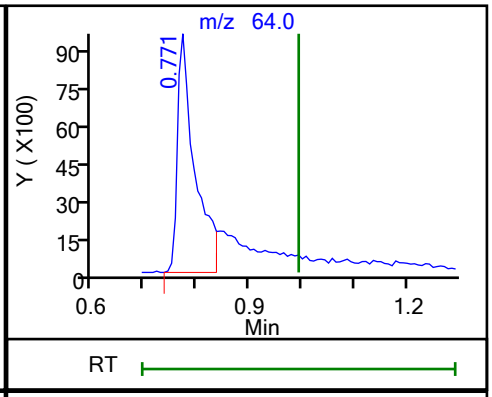
Eurofins TestAmerica, Edison

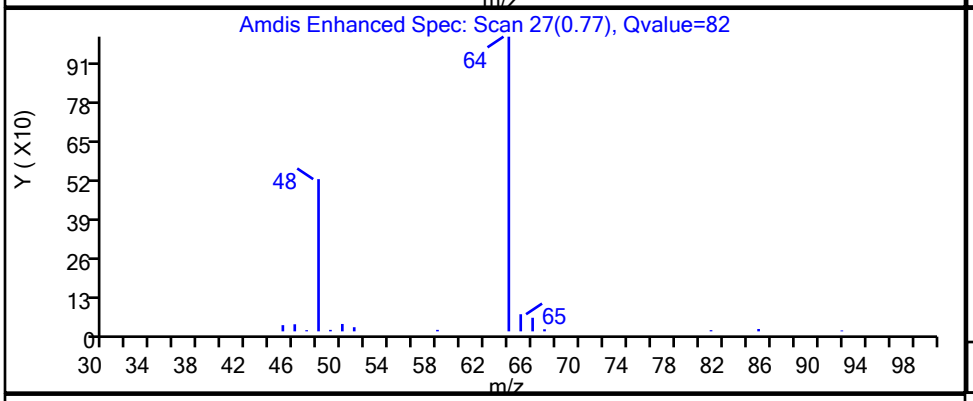
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93992.D | | | | |
| Injection Date: | 01-Oct-2021 02:31:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | 460-243332-B-3 | Lab Sample ID: | 460-243332-3 | | |
| Client ID: | PZ-23 | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

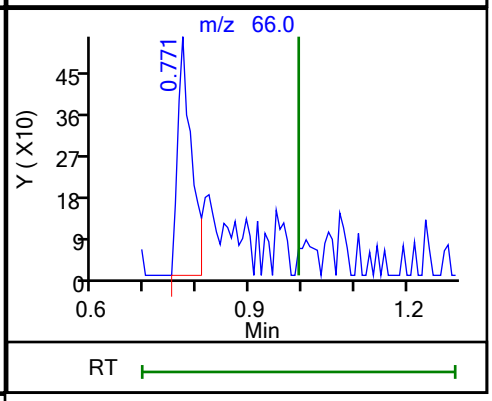
## 10 Chloroethane, CAS: 75-00-3

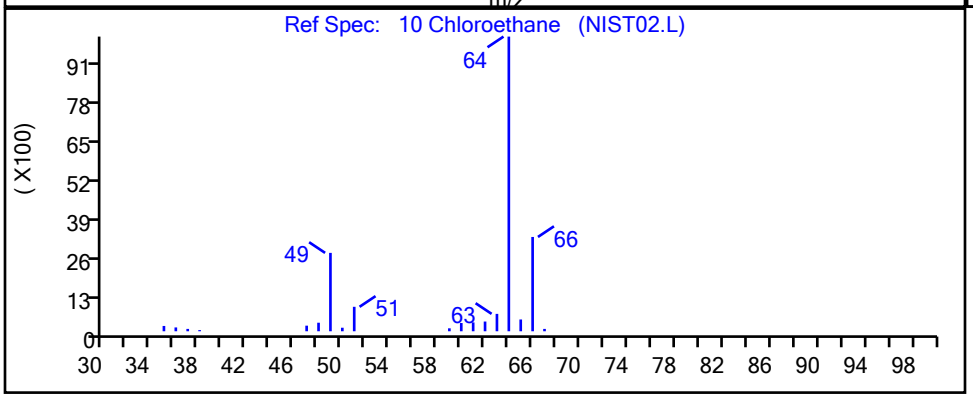
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 0.77 | 64.00 | 22418 | 11.747799 |
| 0.77 | 66.00 | 951 | |

Reviewer: starzecm, 01-Oct-2021 11:04:38

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.: 460-243332-1

SDG No.:

Client Sample ID: FB  Lab Sample ID: 460-243332-4

Matrix: Water  Lab File ID: V08328.D

Analysis Method: 8260D  Date Collected: 09/21/2021 10:55

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 11:26

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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 | 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.: 460-243332-1

SDG No.:

Client Sample ID: FB  Lab Sample ID: 460-243332-4

Matrix: Water  Lab File ID: V08328.D

Analysis Method: 8260D  Date Collected: 09/21/2021 10:55

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 11:26

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 87 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 101 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 99 | | 80-120 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: FB  Lab Sample ID: 460-243332-4

Matrix: Water  Lab File ID: V08328.D

Analysis Method: 8260D  Date Collected: 09/21/2021 10:55

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 11:26

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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\CVOAMS7\20210930-135296.b\V08328.D
Lims ID: 460-243332-A-4
Client ID: FB
Sample Type: Client
Inject. Date: 30-Sep-2021 11:26:30 ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-A-4
Misc. Info.: 460-0135296-011
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 11:57:29 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1658

First Level Reviewer: delpolitov Date: 30-Sep-2021 11:57:29

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 43701 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.646 | 2.658 | -0.012 | 26 | 1666 | 0.2608 | |
| * 42 2-Butanone-d5 | 46 | 3.583 | 3.583 | 0.000 | 98 | 278040 | 250.0 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.041 | 4.052 | -0.011 | 95 | 179620 | 50.7 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.383 | 4.383 | 0.000 | 96 | 181208 | 48.6 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 622791 | 50.0 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.378 | 5.378 | 0.000 | 84 | 31634 | 1000.0 | M |
| $ 82 Toluene-d8 (Surr) | 98 | 6.406 | 6.407 | -0.001 | 99 | 763981 | 49.6 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 85 | 468563 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 193312 | 43.7 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 95 | 208408 | 50.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 30-Sep-2021 11:57:30 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08328.D

Injection Date: 30-Sep-2021 11:26:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-A-4 Lab Sample ID: 460-243332-4

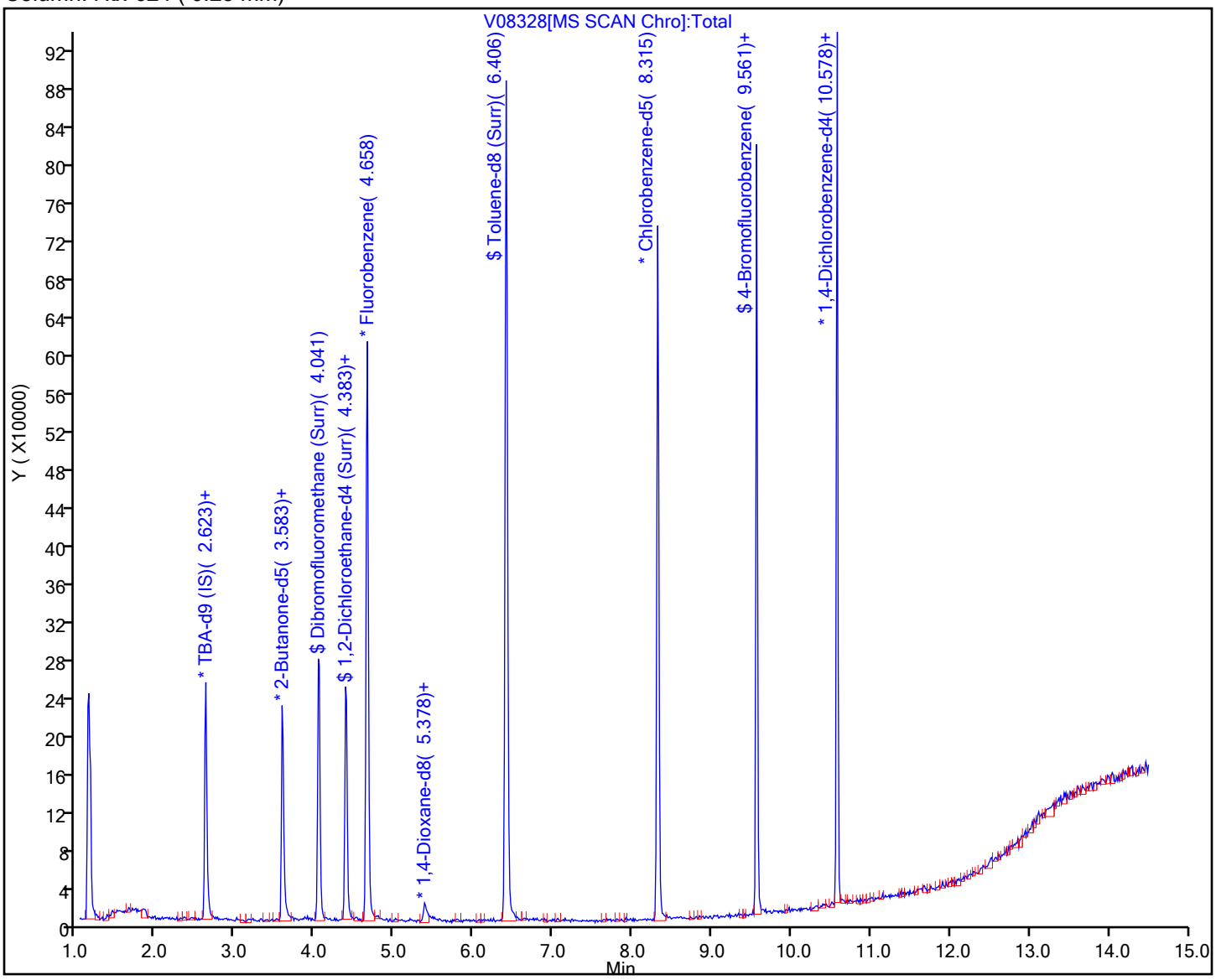
Client ID: FB

Operator ID: ALS Bottle#: 60 Worklist Smp#: 11

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



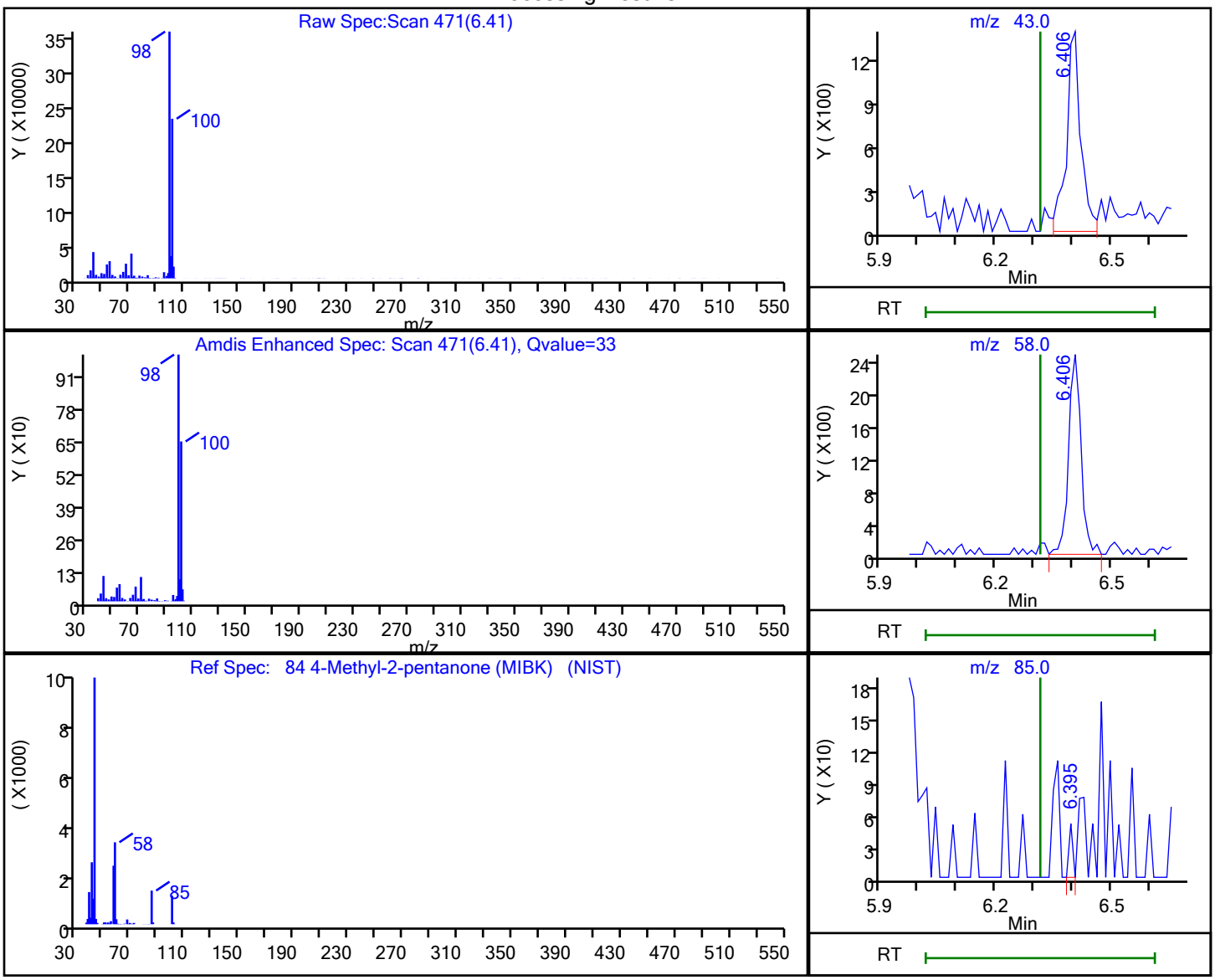
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08328.D | | |
| Injection Date: | 30-Sep-2021 11:26:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | 460-243332-A-4 | Lab Sample ID: | 460-243332-4 |
| Client ID: | FB | | |
| Operator ID: | | ALS Bottle#: | 60 Worklist Smp#: 11 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.41 | 43.00 | 3522 | 0.731215 |
| 6.41 | 58.00 | 5633 | |
| 6.40 | 85.00 | 35 | |
| 6.41 | 100.00 | 496629 | |

Reviewer: delpolitov, 30-Sep-2021 11:57:19

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

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

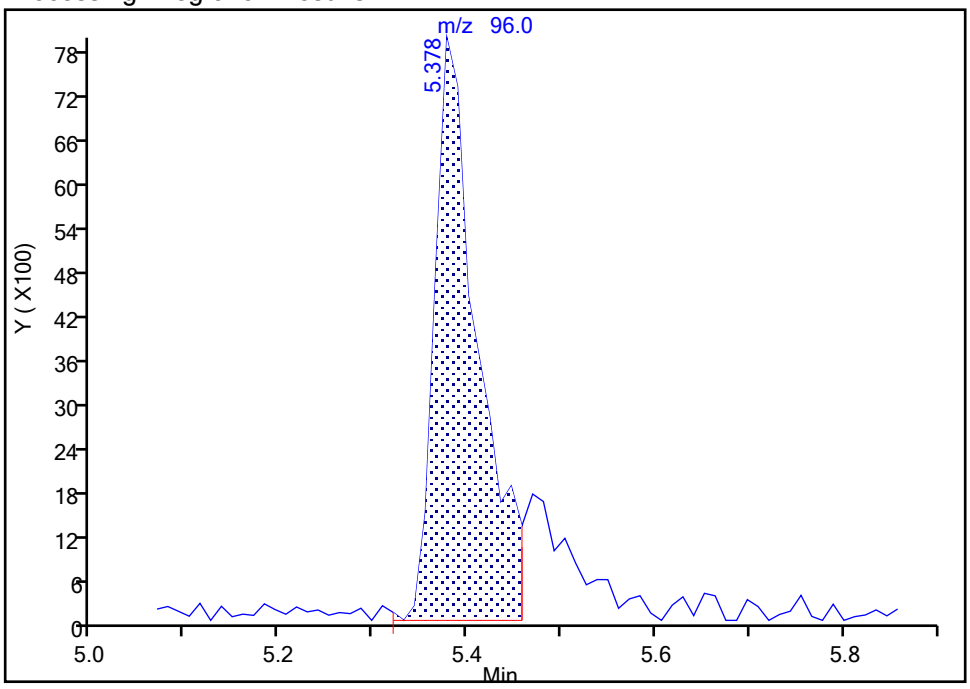
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08328.D | | | | |
| Injection Date: | 30-Sep-2021 11:26:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-A-4 | Lab Sample ID: | 460-243332-4 | | |
| Client ID: | FB | | | | |
| Operator ID: | | ALS Bottle#: | 60 | Worklist Smp#: | 11 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## * 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

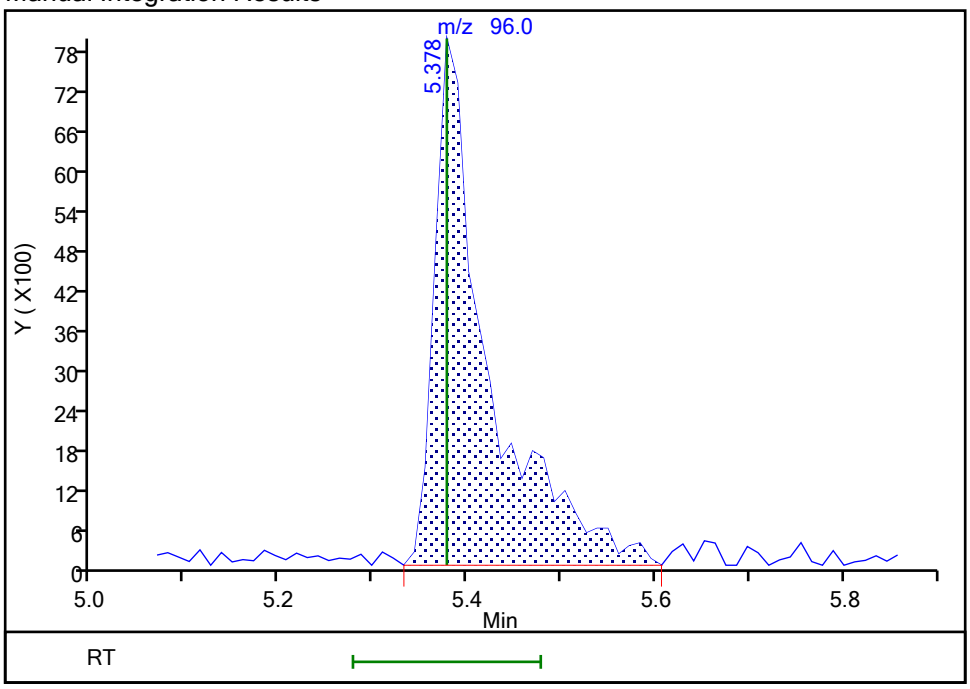
Processing Integration Results

RT: 5.38
Area: 25738
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 31634
Amount: 1000.0000
Amount Units: ug/l




Reviewer: delpolitov, 30-Sep-2021 11:57:13

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: MW-36  Lab Sample ID: 460-243332-5

Matrix: Water  Lab File ID: V08342.D

Analysis Method: 8260D  Date Collected: 09/21/2021 11:00

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 16:21

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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 | 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.: 460-243332-1

SDG No.:

Client Sample ID: MW-36  Lab Sample ID: 460-243332-5

Matrix: Water  Lab File ID: V08342.D

Analysis Method: 8260D  Date Collected: 09/21/2021 11:00

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 16:21

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 99 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 87 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 99 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 104 | | 80-120 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: MW-36  Lab Sample ID: 460-243332-5

Matrix: Water  Lab File ID: V08342.D

Analysis Method: 8260D  Date Collected: 09/21/2021 11:00

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 16:21

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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\CVOAMS7\20210930-135296.b\V08342.D
Lims ID: 460-243332-B-5
Client ID: MW-36
Sample Type: Client
Inject. Date: 30-Sep-2021 16:21:30 ALS Bottle#: 74 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-B-5
Misc. Info.: 460-0135296-025
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 18:58:41 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: xuyvo Date: 30-Sep-2021 19:08:28

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 99 | 43651 | 1000.0 | |
| * 42 2-Butanone-d5 | 46 | 3.584 | 3.583 | 0.001 | 99 | 281385 | 250.0 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 95 | 170234 | 49.5 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.384 | 4.383 | 0.001 | 96 | 179429 | 49.7 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 603819 | 50.0 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.378 | 5.378 | 0.000 | 90 | 22972 | 1000.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 98 | 759965 | 52.0 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 85 | 444379 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 182151 | 43.4 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.579 | 10.578 | 0.001 | 95 | 194177 | 50.0 | |

## Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 30-Sep-2021 19:08:28 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08342.D

Injection Date: 30-Sep-2021 16:21:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-5 Lab Sample ID: 460-243332-5

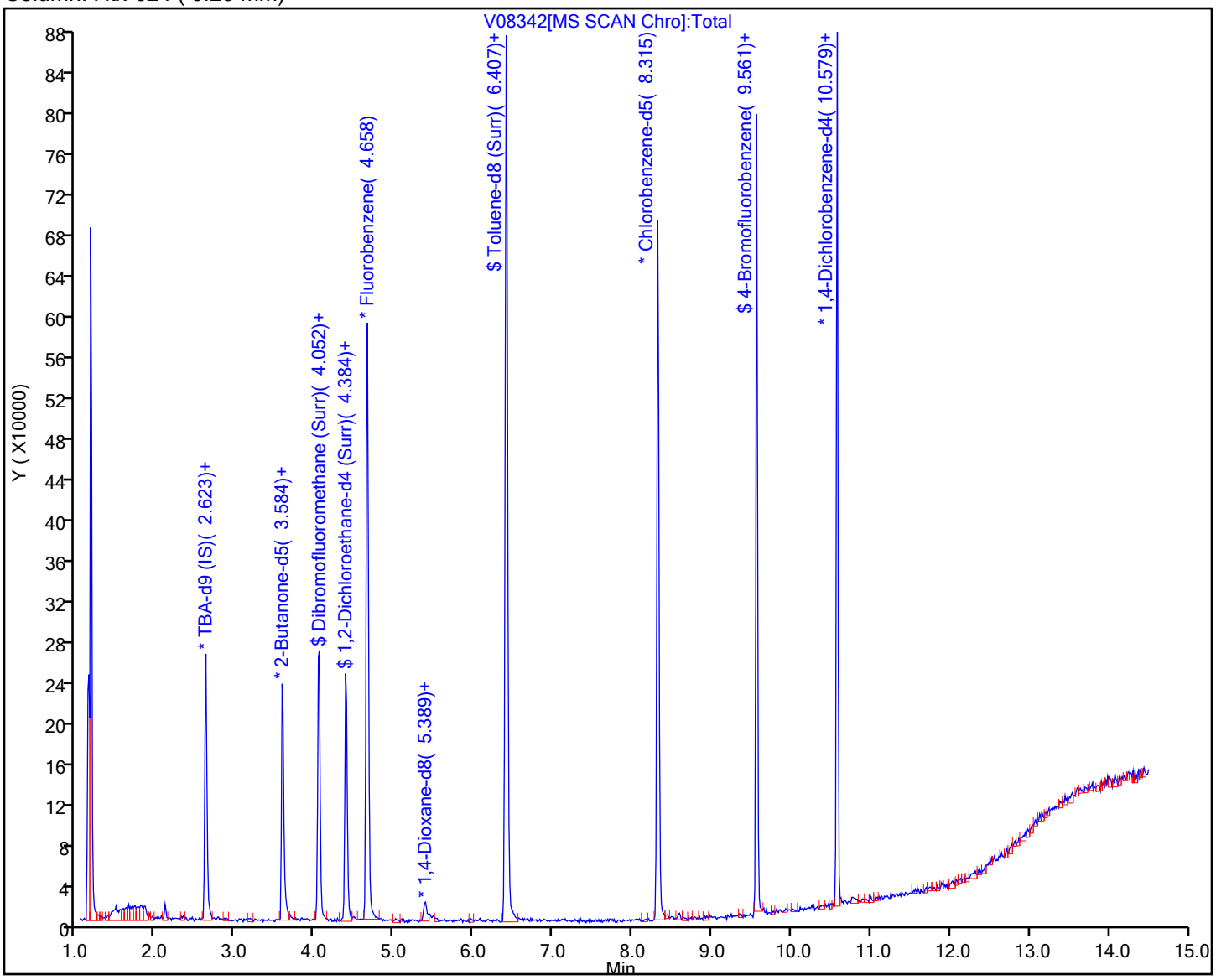
Client ID: MW-36

Operator ID: ALS Bottle#: 74 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



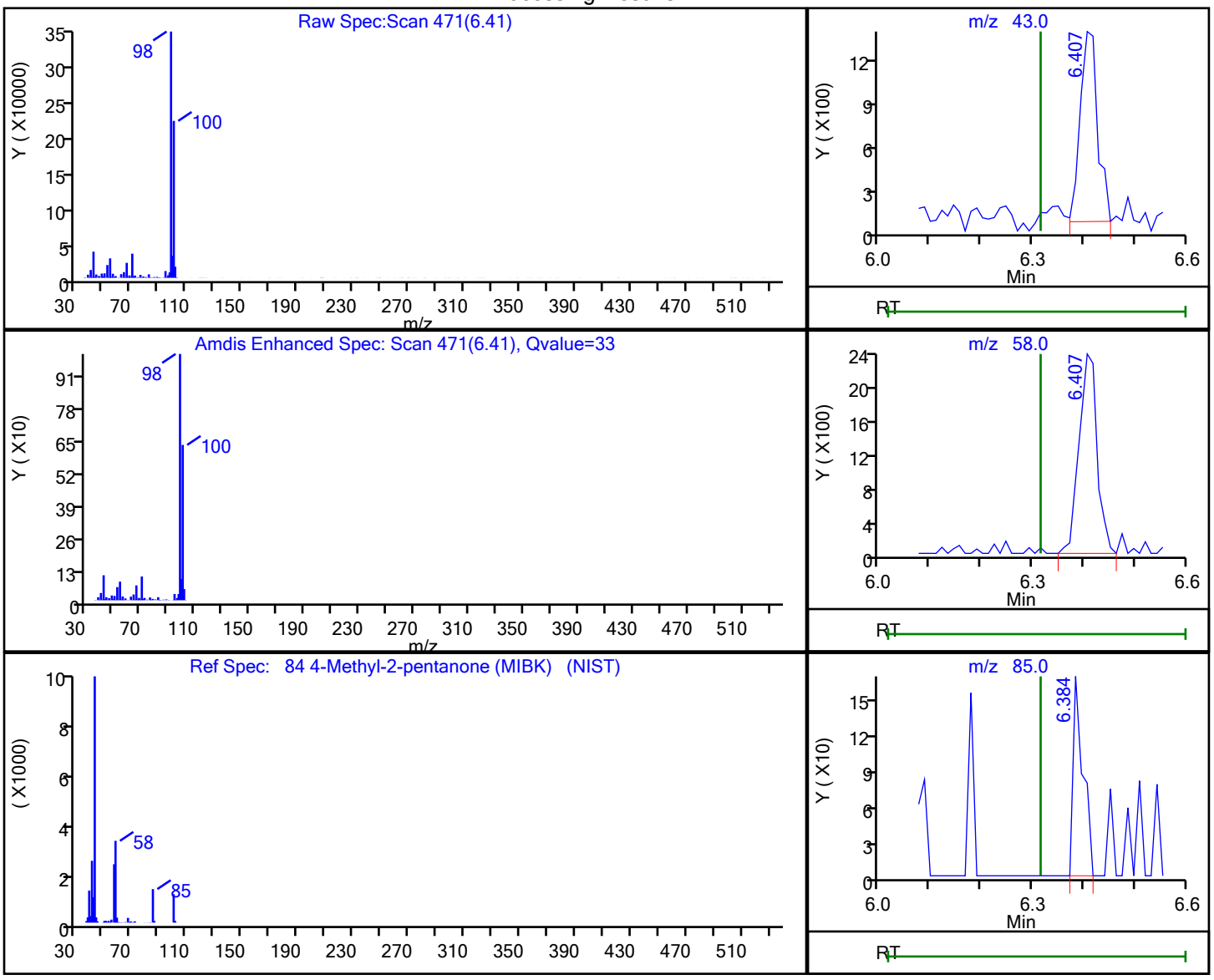
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08342.D | | |
| Injection Date: | 30-Sep-2021 16:21:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | 460-243332-B-5 | Lab Sample ID: | 460-243332-5 |
| Client ID: | MW-36 | | |
| Operator ID: | | ALS Bottle#: | 74 Worklist Smp#: 25 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.41 | 43.00 | 3152 | 0.646619 |
| 6.41 | 58.00 | 5754 | |
| 6.38 | 85.00 | 230 | |
| 6.41 | 100.00 | 482033 | |

Reviewer: xuyvo, 30-Sep-2021 18:53:24

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

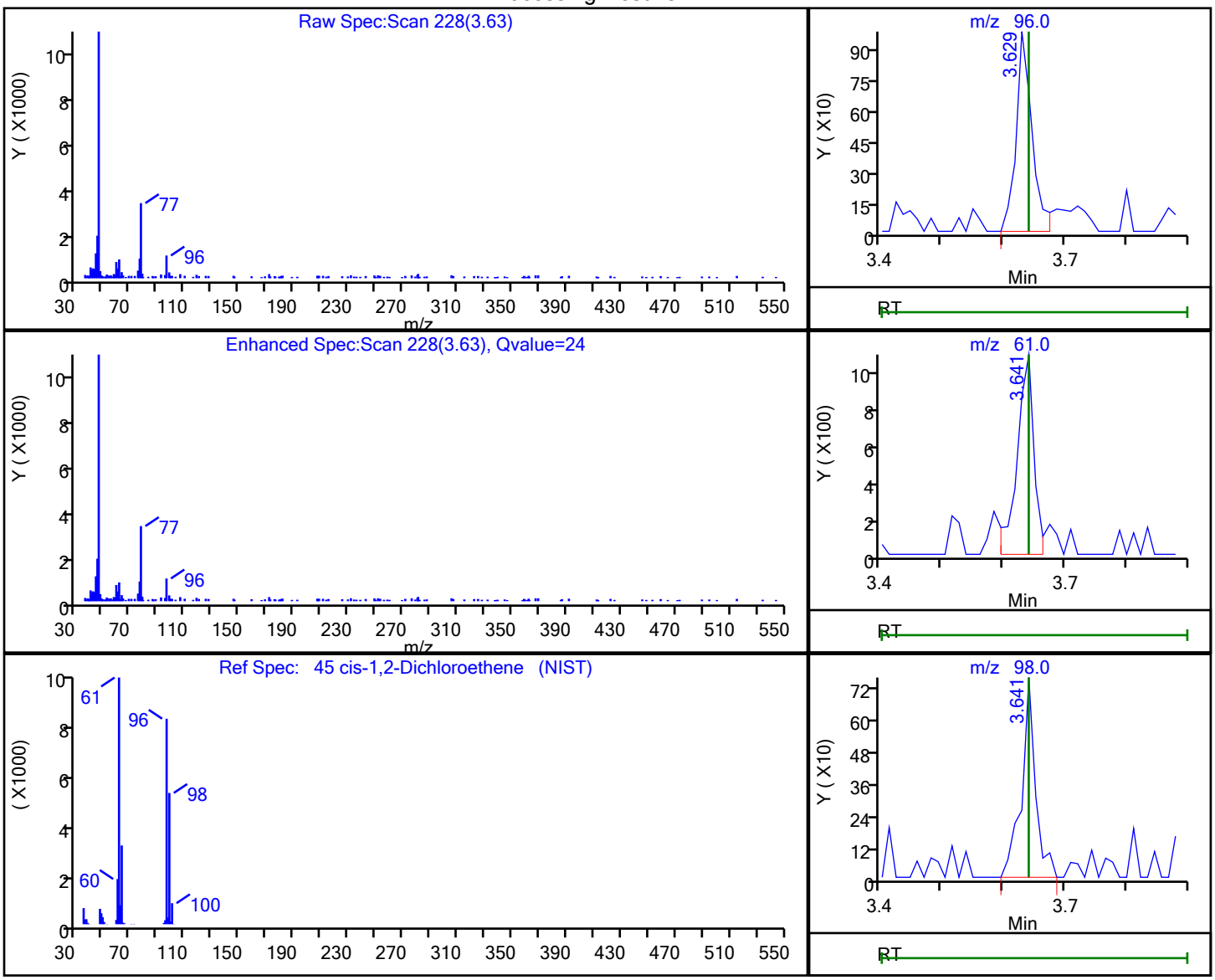
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08342.D | | | | |
| Injection Date: | 30-Sep-2021 16:21:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-5 | Lab Sample ID: | 460-243332-5 | | |
| Client ID: | MW-36 | | | | |
| Operator ID: | | ALS Bottle#: | 74 | Worklist Smp#: | 25 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 45 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.63 | 96.00 | 1785 | 0.262198 |
| 3.64 | 61.00 | 1997 | |
| 3.64 | 98.00 | 1194 | |

Reviewer: xuyvo, 30-Sep-2021 18:53:12

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

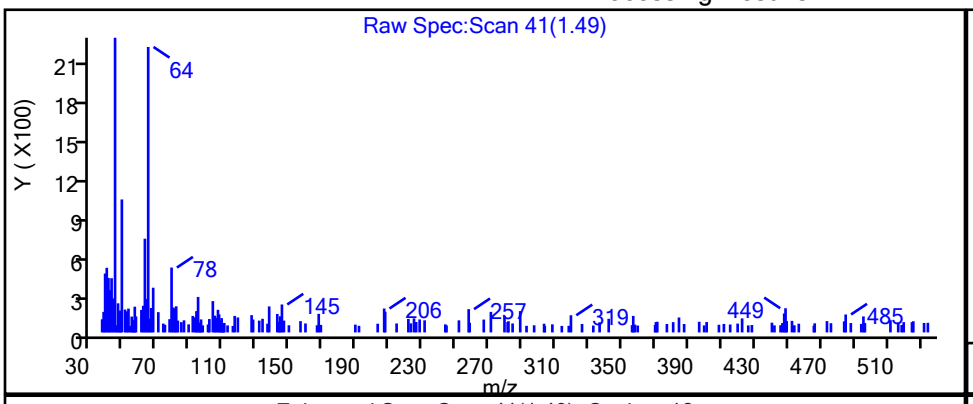
User Disabled Compound Report

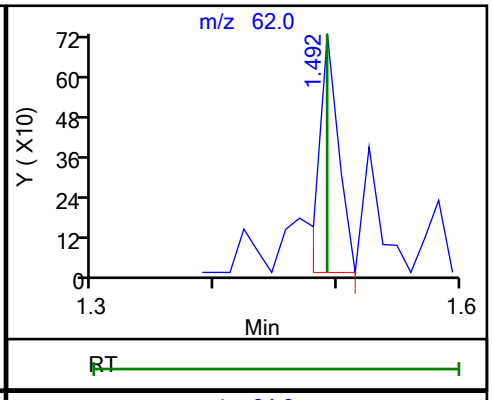
Eurofins TestAmerica, Edison

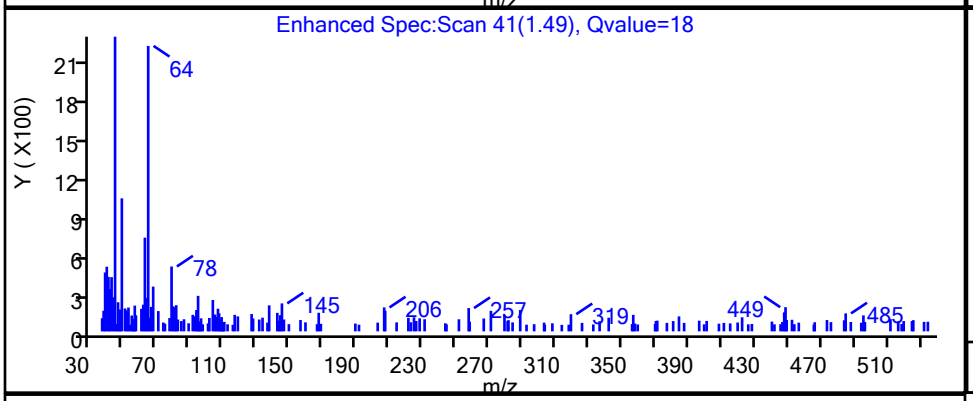
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08342.D | | |
| Injection Date: | 30-Sep-2021 16:21:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | 460-243332-B-5 | Lab Sample ID: | 460-243332-5 |
| Client ID: | MW-36 | | |
| Operator ID: | | ALS Bottle#: | 74 Worklist Smp#: 25 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

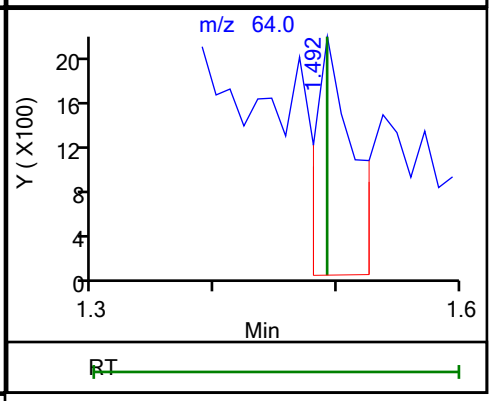
## 7 Vinyl chloride, CAS: 75-01-4

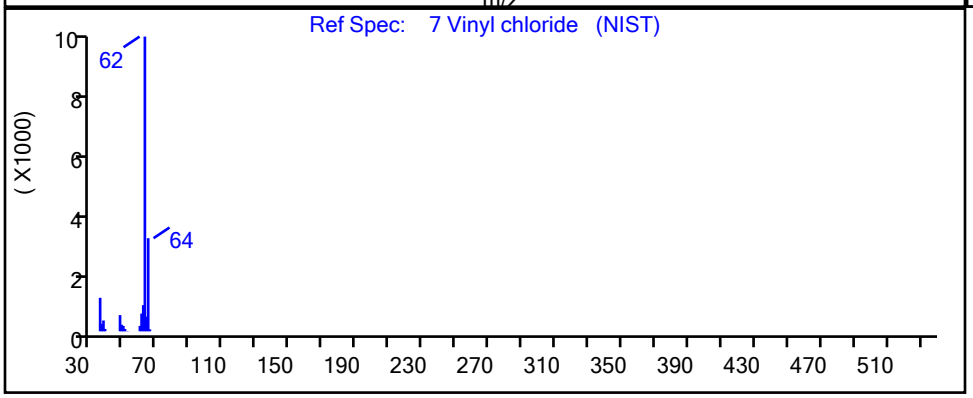
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.49 | 62.00 | 795 | 0.107036 |
| 1.49 | 64.00 | 4670 | |

Reviewer: xuyvo, 30-Sep-2021 18:53:15

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.: 460-243332-1

SDG No.:

Client Sample ID: MW-31  Lab Sample ID: 460-243332-6

Matrix: Water  Lab File ID: V08343.D

Analysis Method: 8260D  Date Collected: 09/21/2021 11:30

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 16:42

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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 | 0.26 | 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 | 1.3 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 4.4 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 0.86 | 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 | 0.87 | J | 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 | 9.2 |  | 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 | 0.37 | J | 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 | 0.61 | 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.: 460-243332-1

SDG No.:

Client Sample ID: MW-31  Lab Sample ID: 460-243332-6

Matrix: Water  Lab File ID: V08343.D

Analysis Method: 8260D  Date Collected: 09/21/2021 11:30

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 16:42

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 96 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 89 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 99 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 108 | | 80-120 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: MW-31  Lab Sample ID: 460-243332-6

Matrix: Water  Lab File ID: V08343.D

Analysis Method: 8260D  Date Collected: 09/21/2021 11:30

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 16:42

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  Units: ug/L

Number TICs Found: 9  TIC Result Total: 243.5

| CAS NO. | COMPOUND NAME | RT | RESULT | Q | MATCH QUALITY |
|---|---|---|---|---|---|
| 106-98-9 | 1-Butene | 1.53 | 6.2 | J N | 74% |
| 60-29-7 | Ethyl ether | 2.11 | 67 | J N | 90% |
| 352-93-2 | Diethyl sulfide | 5.02 | 8.2 | J N | 95% |
| 1000194-02-2 | 1,3-Dichloro-2-methyl-propene | 5.66 | 12 | J N | 90% |
| 1000222-15-8 | 2-Bromo-1-(chloromethyl)cyclopropane | 7.90 | 8.1 | J N | 78% |
| 1190-22-3 | Butane, 1,3-dichloro- | 8.25 | 10 | J N | 86% |
|  | Unknown | 8.42 | 11 | J |  |
| 95-49-8 | Benzene, 1-chloro-2-methyl- | 9.86 | 110 | J N | 96% |
| 32768-54-0 | Benzene, 1,2-dichloro-3-methyl- | 11.58 | 11 | J N | 97% |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D
Lims ID: 460-243332-B-6
Client ID: MW-31
Sample Type: Client
Inject. Date: 30-Sep-2021 16:42:30 ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-B-6
Misc. Info.: 460-0135296-026
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 18:54:22 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: xuyvo Date: 30-Sep-2021 18:56:05

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 98 | 43323 | 9.24 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 99 | 17464 | 0.8706 | |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 99 | 40139 | 1000.0 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.829 | 2.818 | 0.011 | 40 | 1105 | 0.1812 | |
| 38 1,1-Dichloroethane | 63 | 3.160 | 3.160 | 0.000 | 94 | 4282 | 0.4181 | |
| * 42 2-Butanone-d5 | 46 | 3.583 | 3.583 | 0.000 | 100 | 248468 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.640 | 3.641 | -0.001 | 26 | 2477 | 0.3711 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 95 | 167605 | 49.7 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 95 | 19101 | 0.8610 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.383 | 4.383 | 0.000 | 96 | 169438 | 47.8 | |
| 63 1,2-Dichloroethane | 62 | 4.475 | 4.463 | 0.012 | 65 | 2007 | 0.2607 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 592055 | 50.0 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.378 | 0.011 | 85 | 27549 | 1000.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.406 | 6.407 | -0.001 | 98 | 747097 | 53.8 | |
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 90 | 14893 | 0.6128 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 84 | 421985 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 3301636 | 216.3 | |
| 100 o-Xylene | 106 | 9.012 | 9.012 | 0.000 | 96 | 5843 | 0.5991 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 176456 | 44.3 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 95 | 181218 | 50.0 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 0.5991 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D
Lims ID: 460-243332-B-6
Client ID: MW-31
Sample Type: Client
Inject. Date: 30-Sep-2021 16:42:30 ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-B-6
Misc. Info.: 460-0135296-026
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 18:54:22 Calib Date: 20-Sep-2021 17:09:30
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 Quad
Process Host: CTX1670

First Level Reviewer: xuyvo Date: 30-Sep-2021 18:56:05

Tentative Identified Compound Results

| RT | Area | Amount ug/l | Quant Cpnd | Qual | Lib Entry | Molecular Formula | Mol. Weight | Flags |
|---|---|---|---|---|---|---|---|---|
| | 106-98-9 1-Butene | | | | | | | |
| 1.526 | 149435 | 6.20 | 67 | 74 | 168 | C4H8 | 56 | |
| | 60-29-7 Ethyl ether | | | | | | | |
| 2.109 | 1619124 | 67.2 | 67 | 90 | 824 | C4H10O | 74 | |
| | 352-93-2 Diethyl sulfide | | | | | | | |
| 5.023 | 196430 | 8.16 | 67 | 95 | 2285 | C4H10S | 90 | |
| | 1000194-02-2 1,3-Dichloro-2-methyl-propene | | | | | | | |
| 5.664 | 288281 | 12.0 | 67 | 90 | 9961 | C4H6Cl2 | 124 | |
| | 1000222-15-8 2-Bromo-1-(chloromethyl)cyclopropane | | | | | | | |
| 7.904 | 179915 | 8.07 | 106 | 78 | 34908 | C4H6BrCl | 168 | |
| | 1190-22-3 Butane, 1,3-dichloro- | | | | | | | |
| 8.247 | 233912 | 10.5 | 106 | 86 | 10656 | C4H8Cl2 | 126 | |
| | Unknown | | | | | | | |
| 8.418 | 238123 | 10.7 | 106 | | | | | |
| | 95-49-8 Benzene, 1-chloro-2-methyl- | | | | | | | |
| 9.858 | 2459765 | 110.3 | 106 | 96 | 10920 | C7H7Cl | 126 | |
| | 32768-54-0 Benzene, 1,2-dichloro-3-methyl- | | | | | | | |
| 11.584 | 244156 | 10.9 | 106 | 97 | 29693 | C7H6Cl2 | 160 | |

Quantitation Compounds

| Compound | RT | Area | Amount ug/l |
|---|---|---|---|
| * 67 Fluorobenzene | 4.658 | 1204220 | 50.0 |

| Compound | RT | Area | Amount ug/l |
|---|---|---|---|
| * 106 1,4-Dichlorobenzene-d4 | 10.578 | 1114954 | 50.0 |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00222 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 30-Sep-2021 18:56:06 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D

Injection Date: 30-Sep-2021 16:42:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-6 Lab Sample ID: 460-243332-6

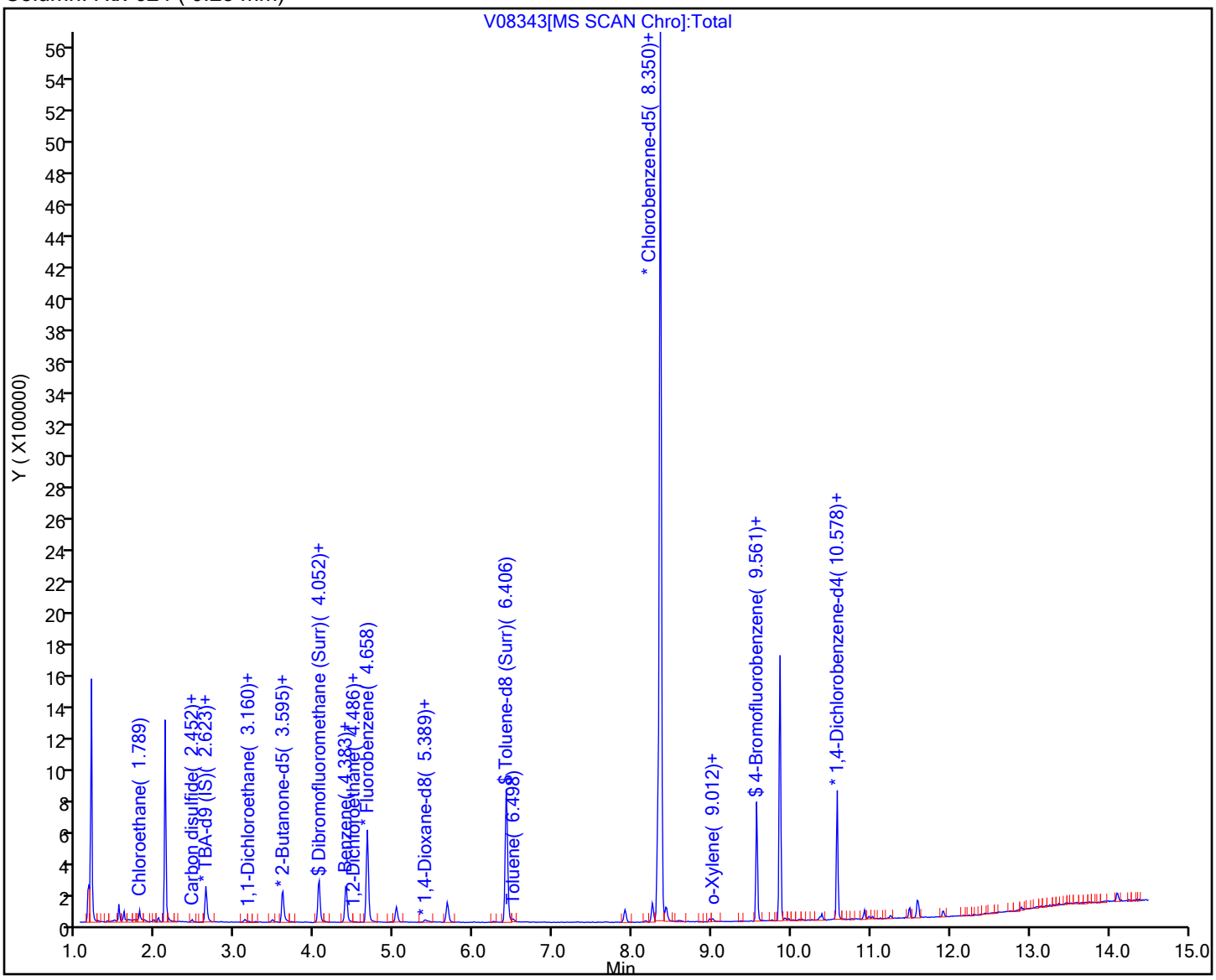
Client ID: MW-31

Operator ID: ALS Bottle#: 75 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

| | | | |
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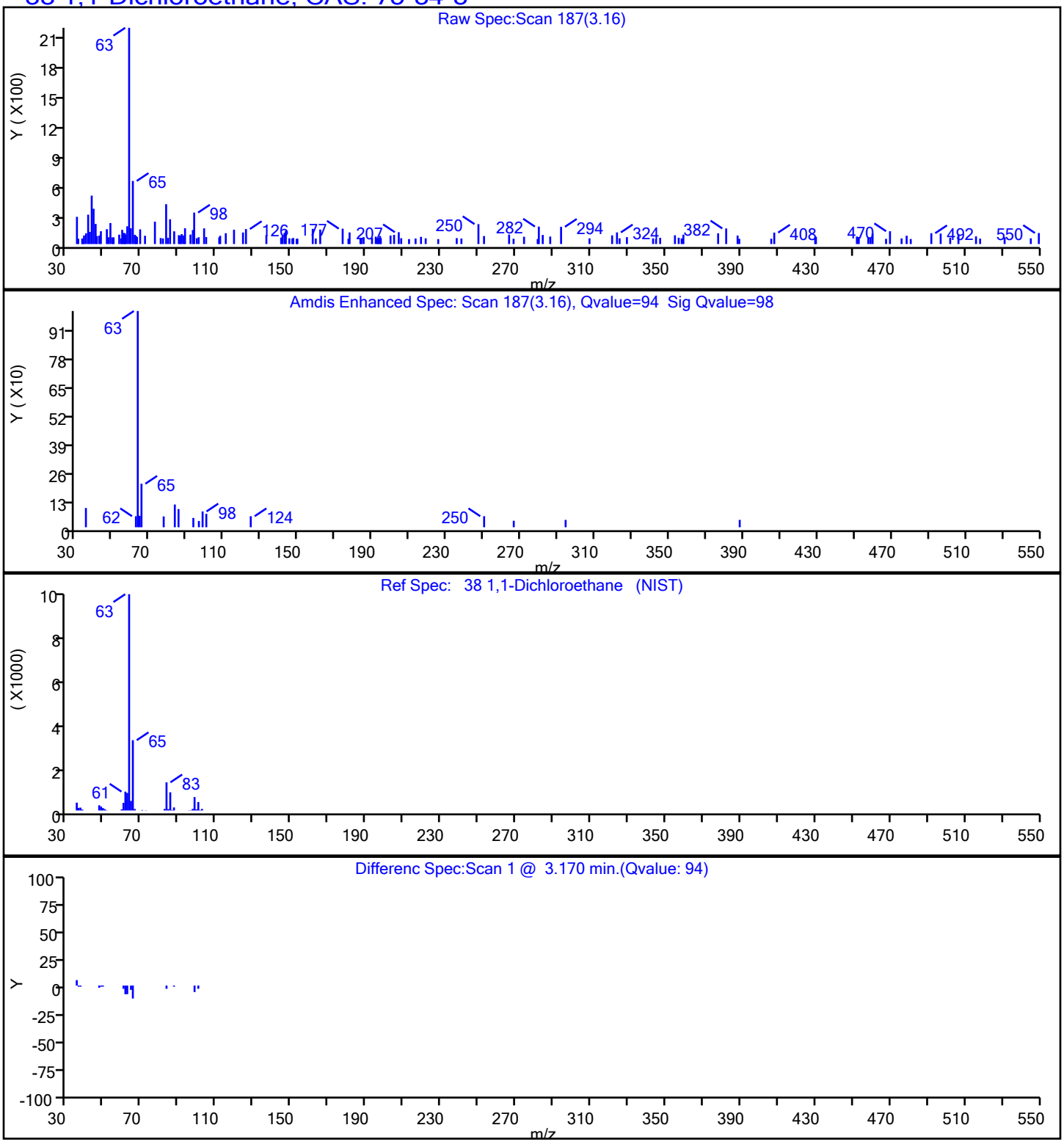
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 |
| Client ID: | MW-31 | | |
| Operator ID: | | ALS Bottle#: | 75 Worklist Smp#: 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

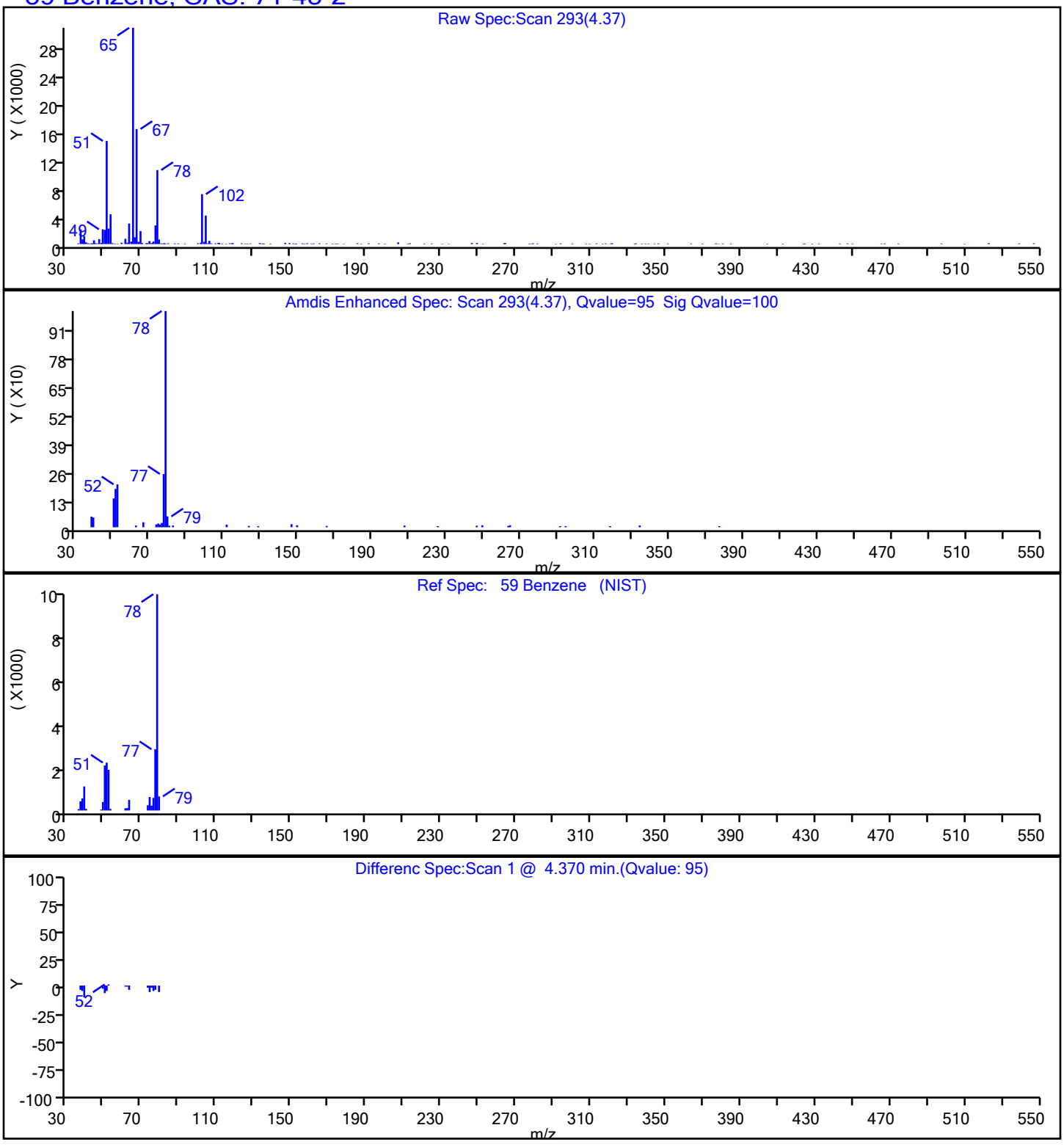
## 38 1,1-Dichloroethane, CAS: 75-34-3



Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 |
| Client ID: | MW-31 | | |
| Operator ID: | | ALS Bottle#: | 75 Worklist Smp#: 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

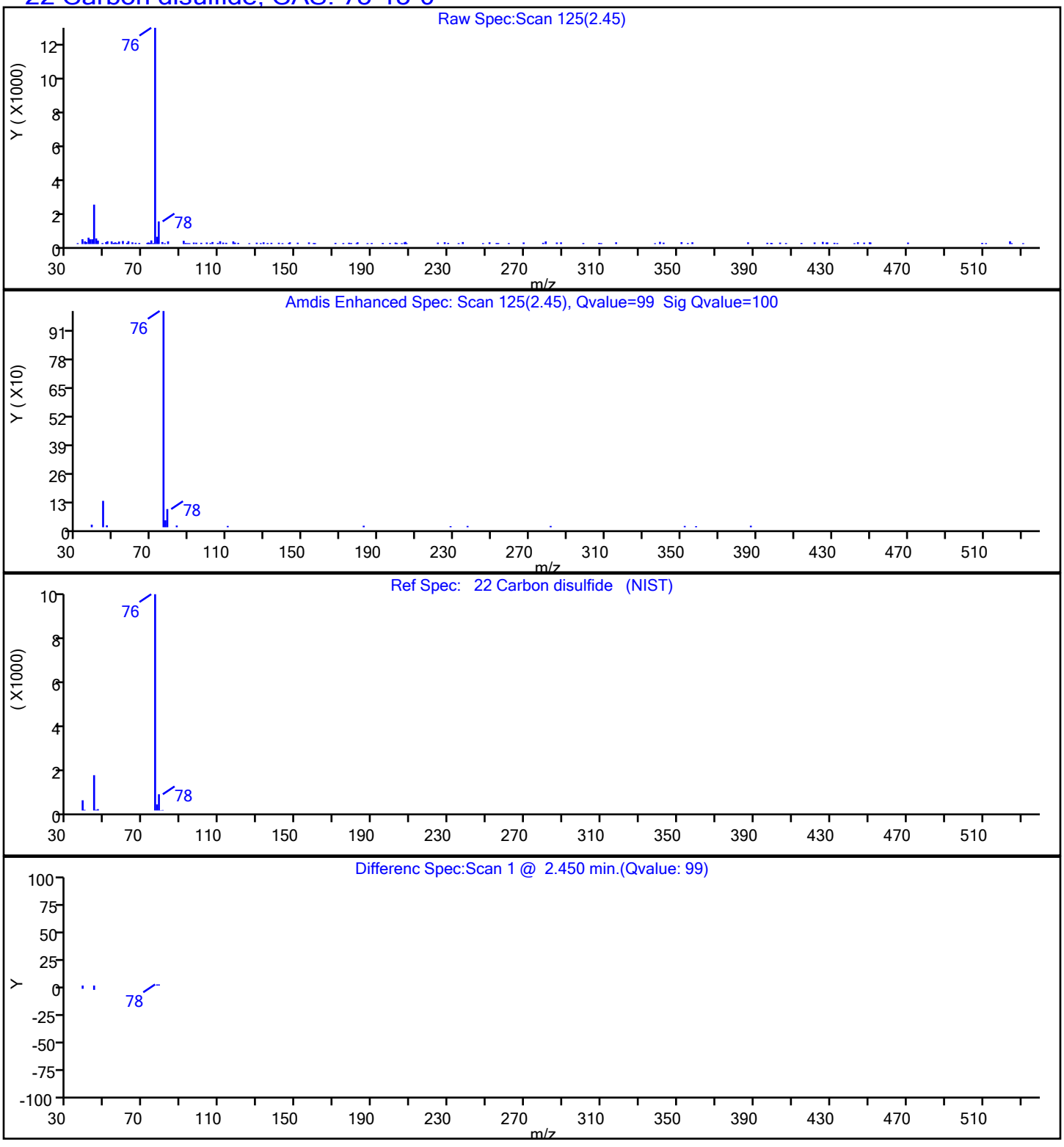
## 59 Benzene, CAS: 71-43-2



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 | | |
| Client ID: | MW-31 | | | | |
| Operator ID: | | ALS Bottle#: | 75 | Worklist Smp#: | 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

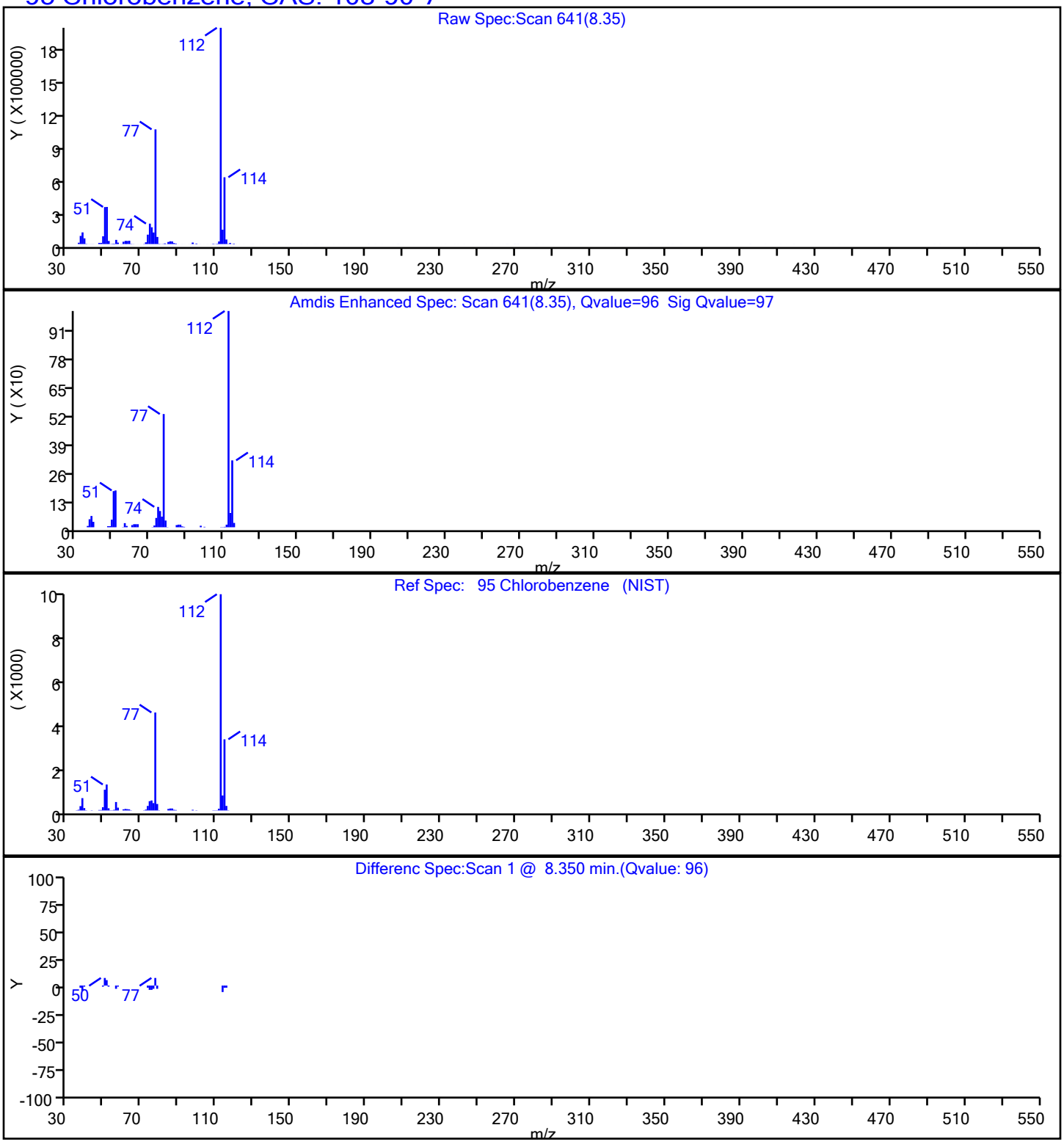
## 22 Carbon disulfide, CAS: 75-15-0



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 | | |
| Client ID: | MW-31 | | | | |
| Operator ID: | | ALS Bottle#: | 75 | Worklist Smp#: | 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

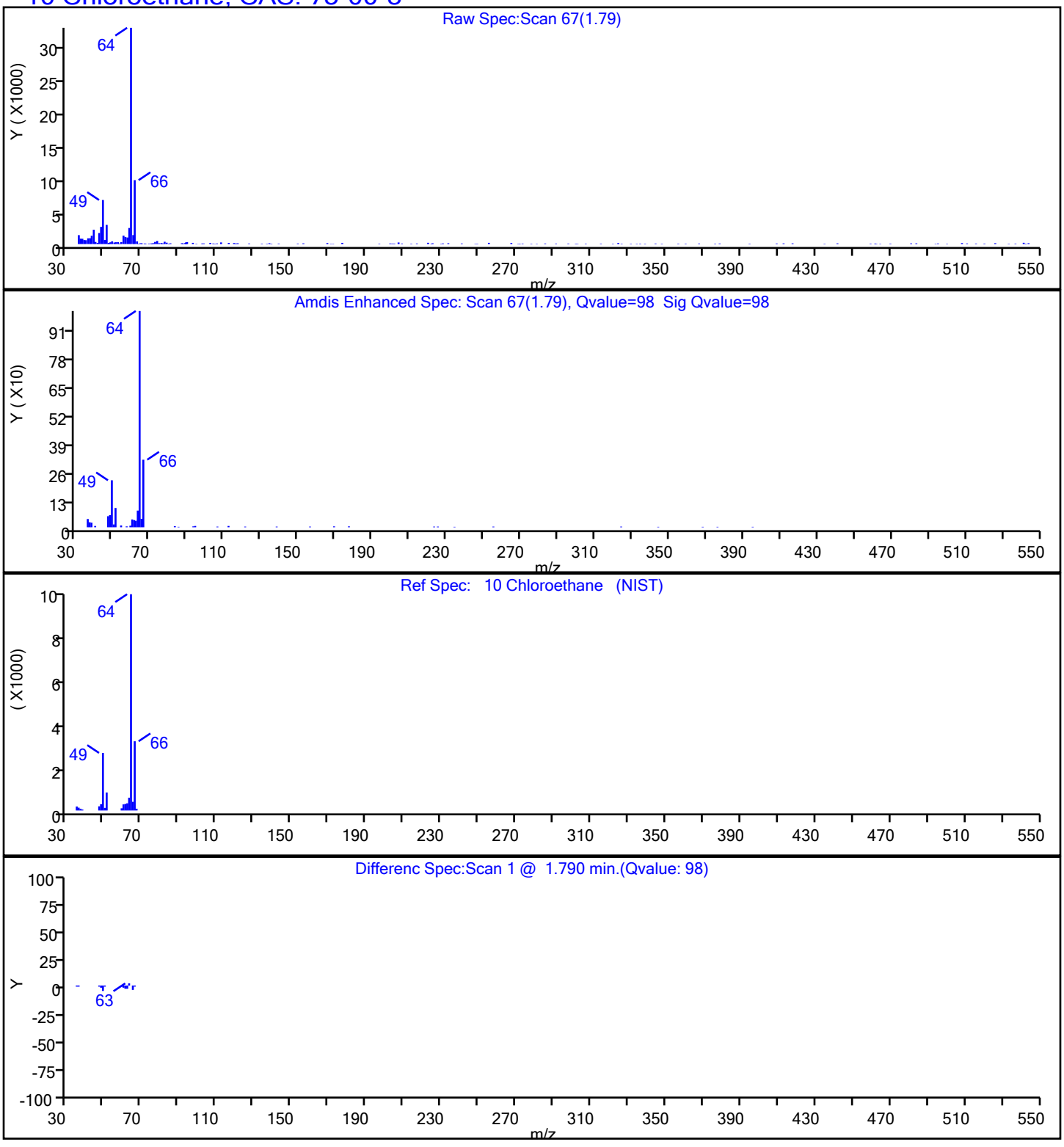
## 95 Chlorobenzene, CAS: 108-90-7



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 | | |
| Client ID: | MW-31 | | | | |
| Operator ID: | | ALS Bottle#: | 75 | Worklist Smp#: | 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

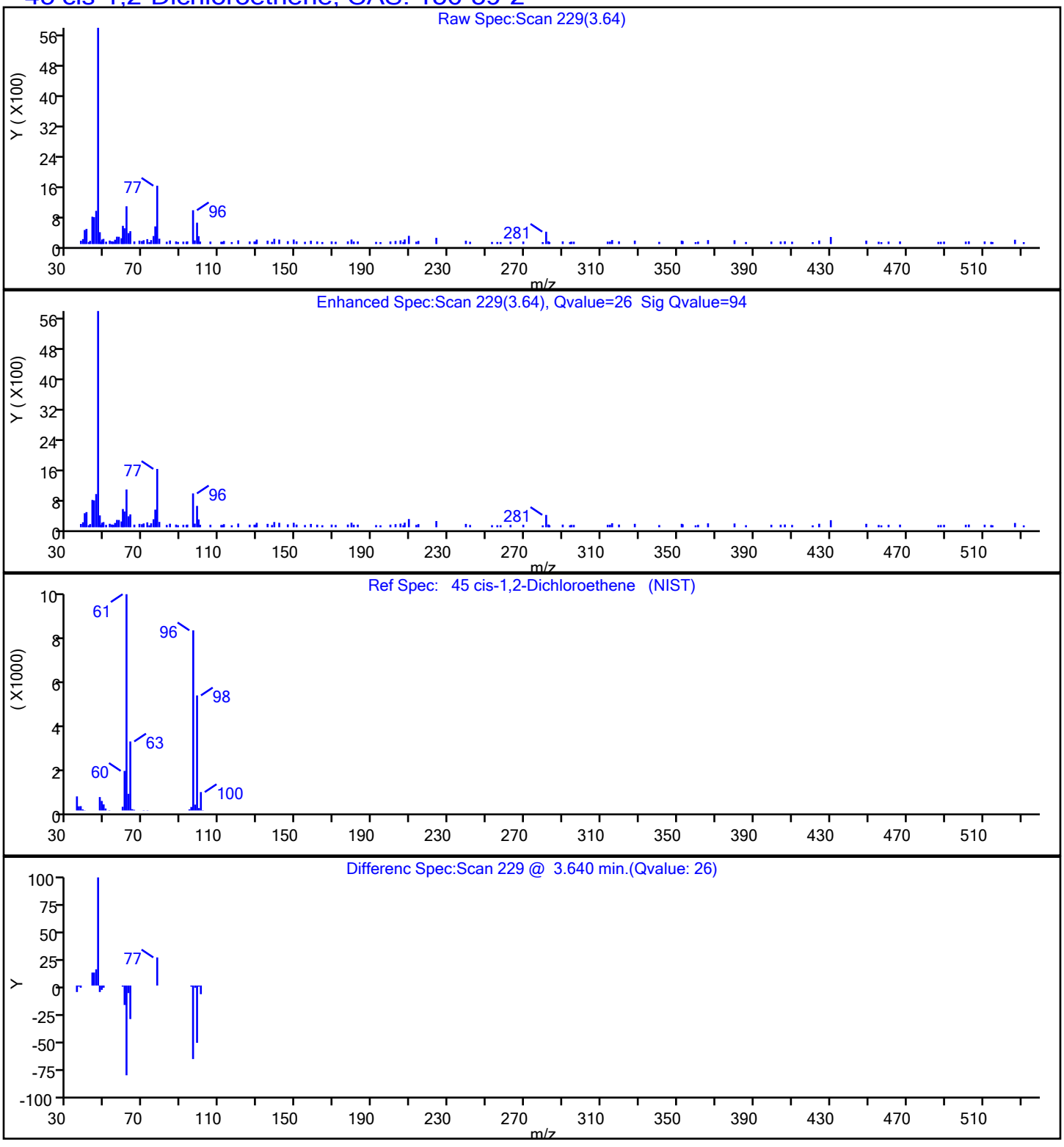
## 10 Chloroethane, CAS: 75-00-3



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 | | |
| Client ID: | MW-31 | | | | |
| Operator ID: | | ALS Bottle#: | 75 | Worklist Smp#: | 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

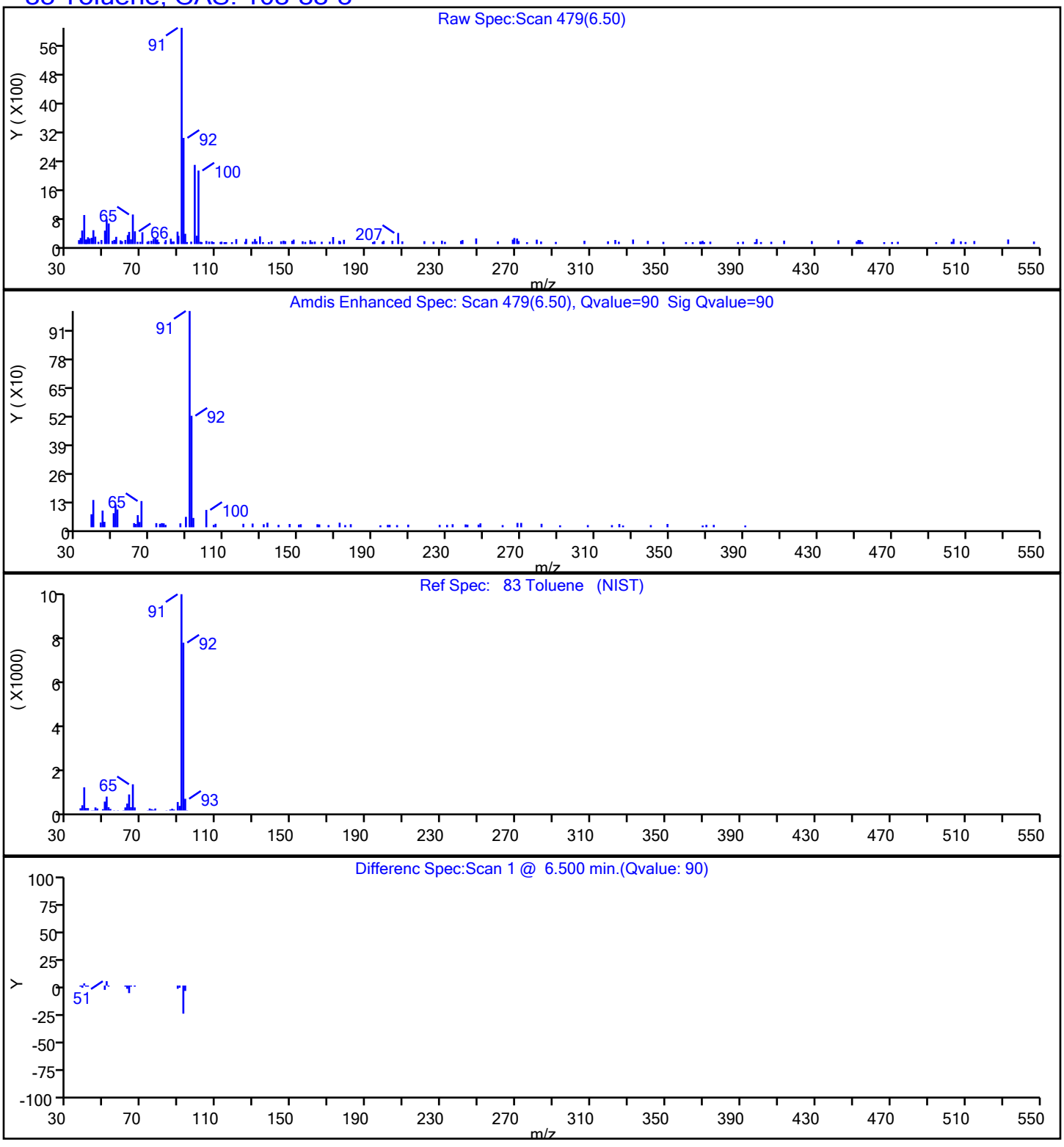
## 45 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 | | |
| Client ID: | MW-31 | | | | |
| Operator ID: | | ALS Bottle#: | 75 | Worklist Smp#: | 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 83 Toluene, CAS: 108-88-3



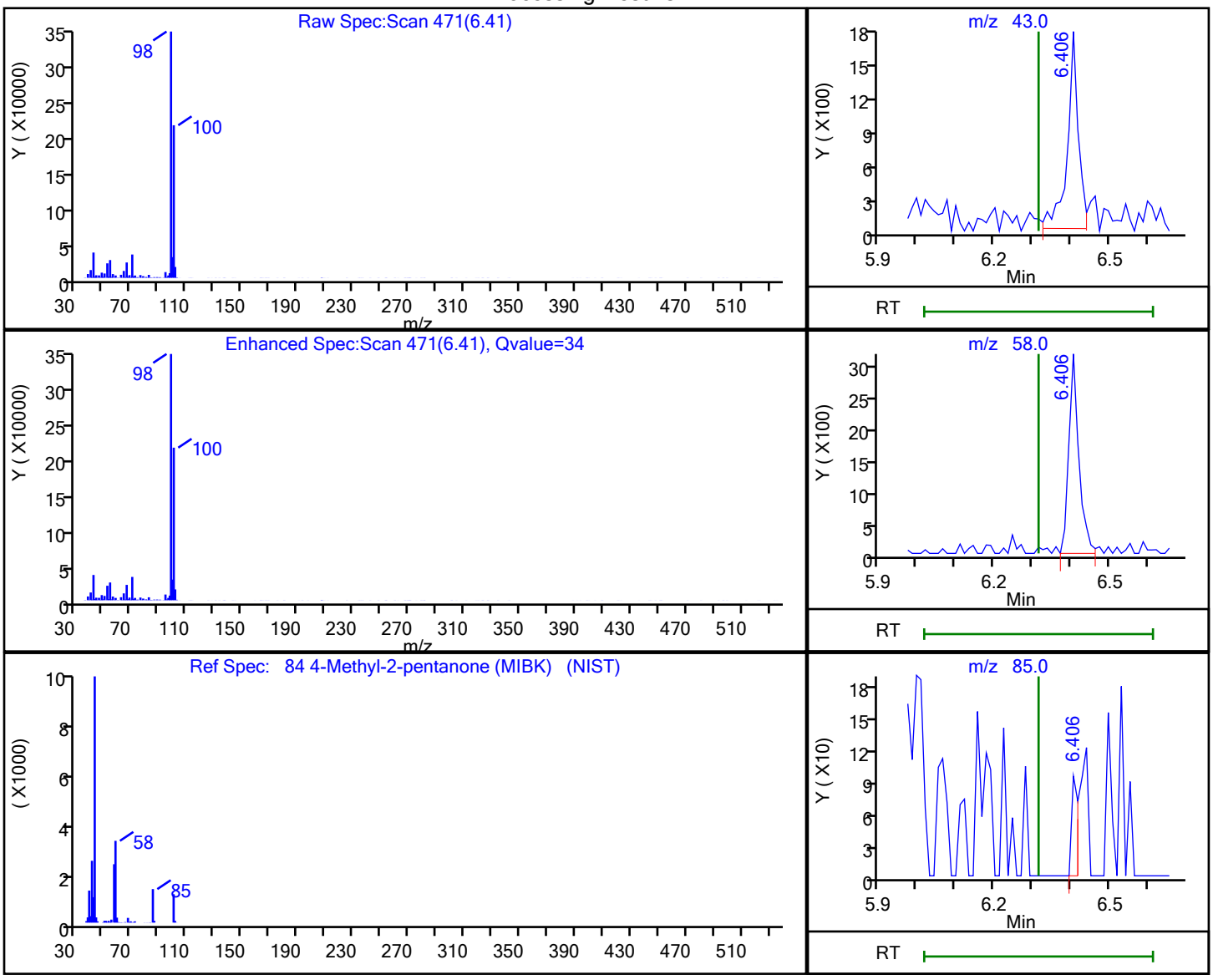
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 |
| Client ID: | MW-31 | | |
| Operator ID: | | ALS Bottle#: | 75 Worklist Smp#: 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.41 | 43.00 | 3463 | 0.804535 |
| 6.41 | 58.00 | 5752 | |
| 6.41 | 85.00 | 109 | |
| 6.41 | 100.00 | 473544 | |

Reviewer: xuyvo, 30-Sep-2021 18:54:05

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

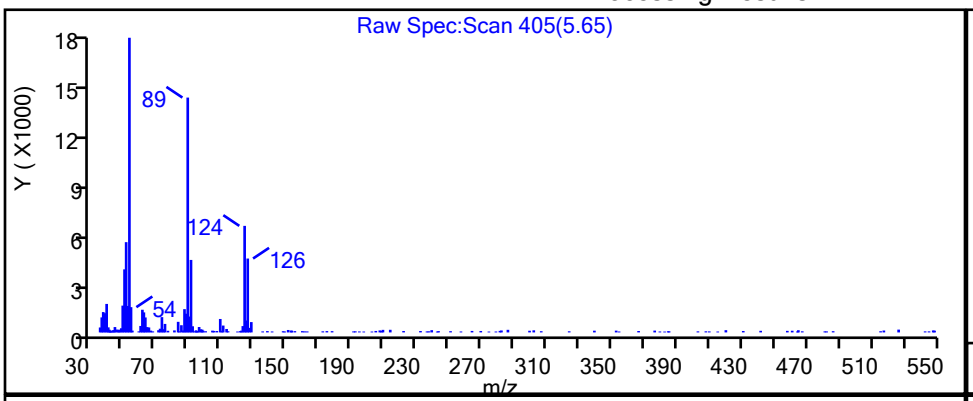
User Disabled Compound Report

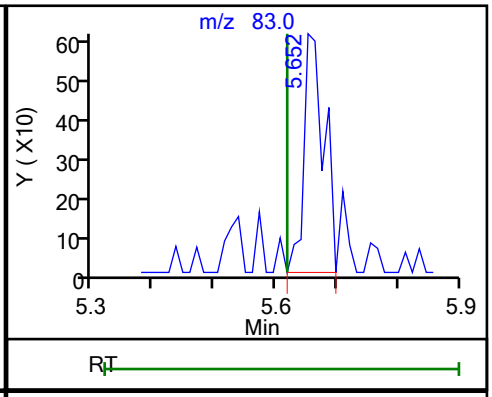
Eurofins TestAmerica, Edison

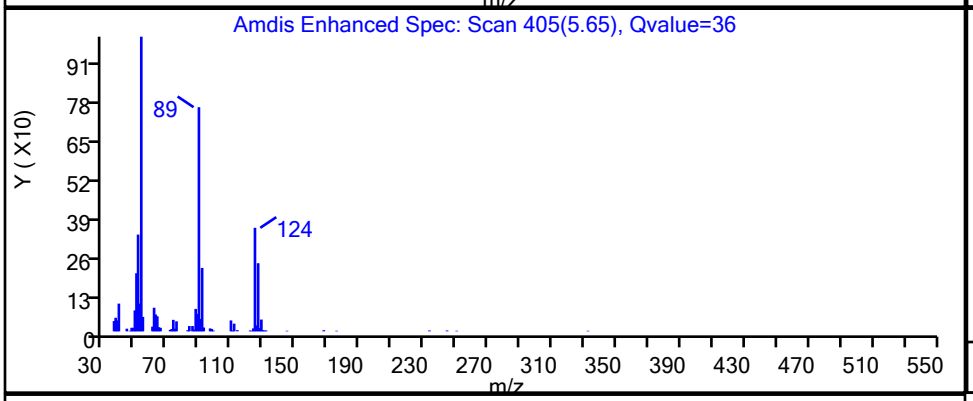
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 |
| Client ID: | MW-31 | | |
| Operator ID: | | ALS Bottle#: | 75 Worklist Smp#: 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

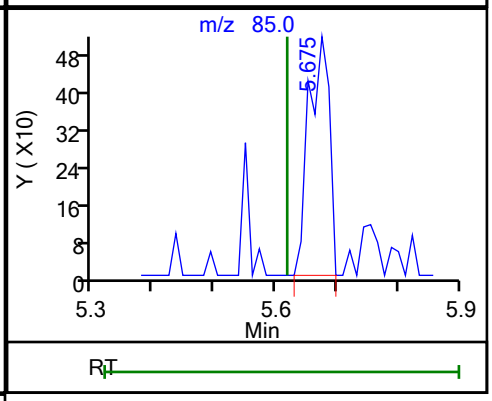
## 76 Dichlorobromomethane, CAS: 75-27-4

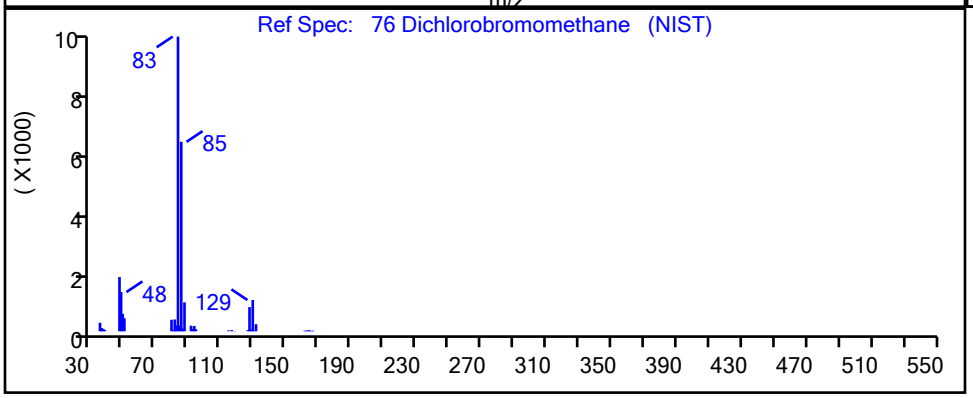
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.65 | 83.00 | 1409 | 0.188675 |
| 5.67 | 85.00 | 1203 | |

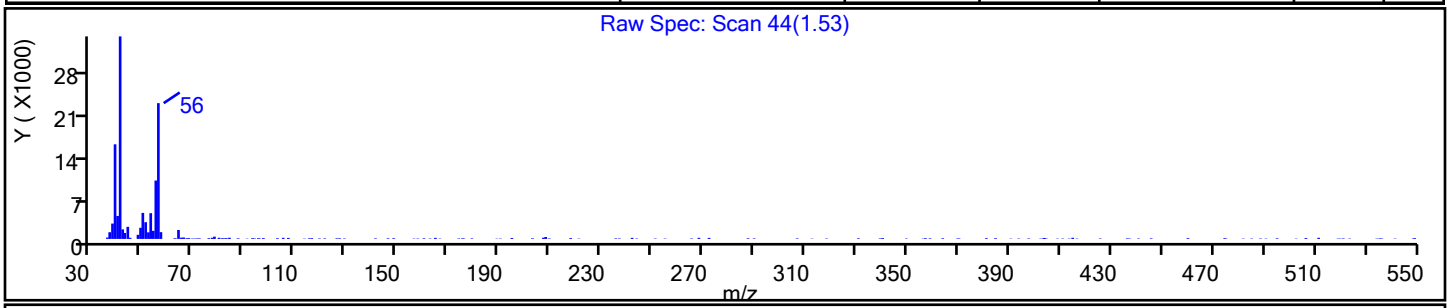
Reviewer: xuyvo, 30-Sep-2021 18:54:03

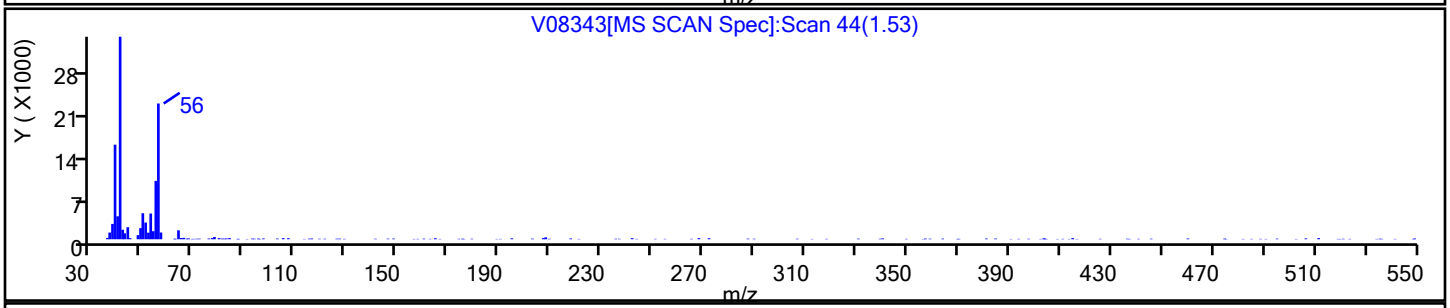
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

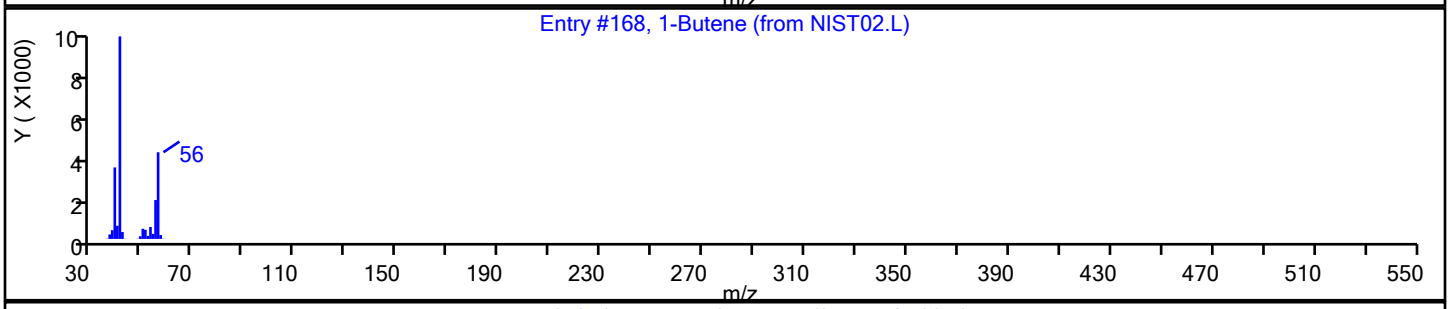
Eurofins TestAmerica, Edison

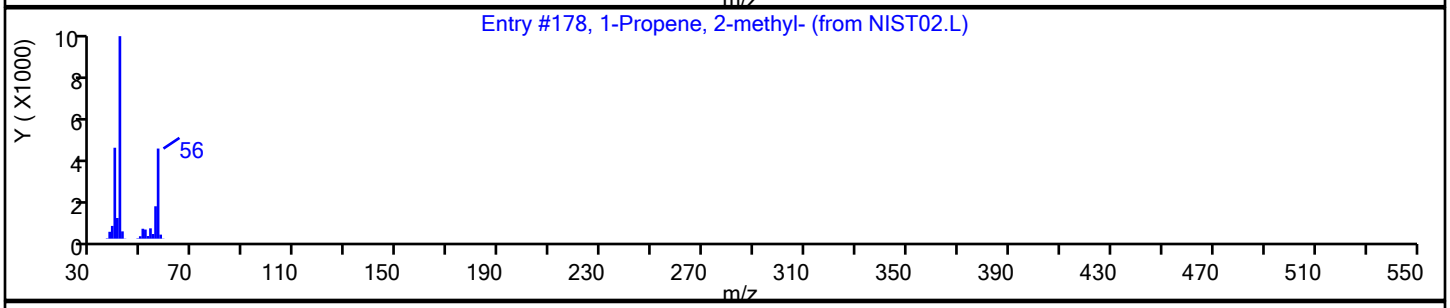
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D
Injection Date: 30-Sep-2021 16:42:30 Instrument ID: CVOAMS7
Lims ID: 460-243332-B-6 Lab Sample ID: 460-243332-6
Client ID: MW-31
Operator ID: ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Detector MS SCAN

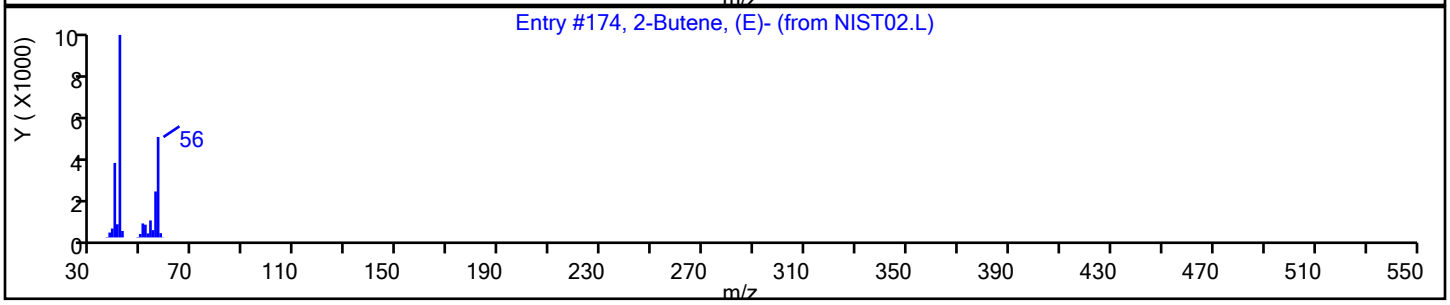
| Library Search Compound Match | CAS# | Library | Entry | Formula | Weight | Q |
|---|---|---|---|---|---|---|
| 1-Butene | 106-98-9 | NIST02.L | 168 | C4H8 | 56 | 74 |
| 1-Propene, 2-methyl- | 115-11-7 | NIST02.L | 178 | C4H8 | 56 | 74 |
| 2-Butene, (E)- | 624-64-6 | NIST02.L | 174 | C4H8 | 56 | 72 |



Report Date: 30-Sep-2021 18:56:06 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D

Injection Date: 30-Sep-2021 16:42:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-6 Lab Sample ID: 460-243332-6

Client ID: MW-31

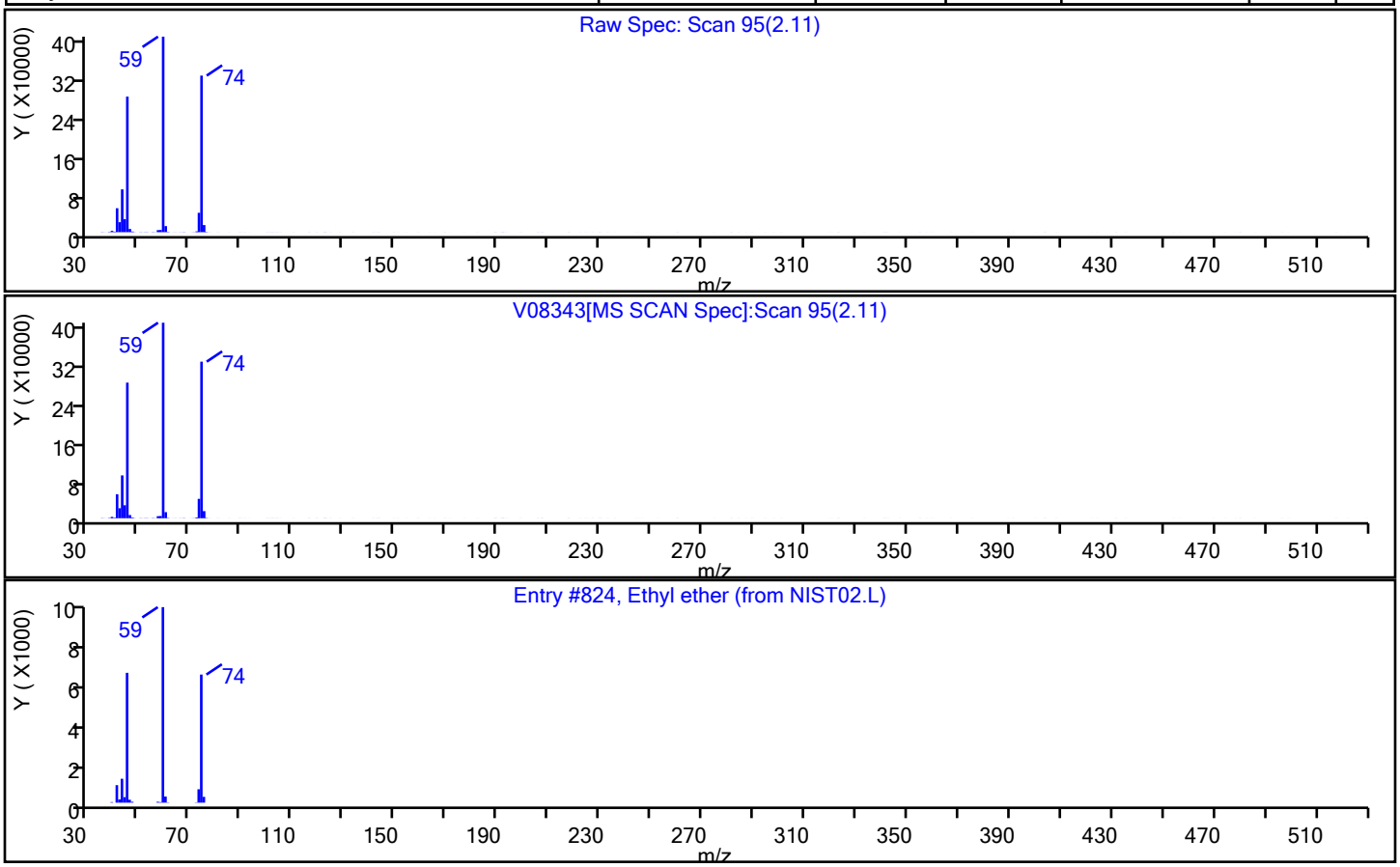
Operator ID: ALS Bottle#: 75 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D 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 |



Report Date: 30-Sep-2021 18:56:06 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D

Injection Date: 30-Sep-2021 16:42:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-6 Lab Sample ID: 460-243332-6

Client ID: MW-31

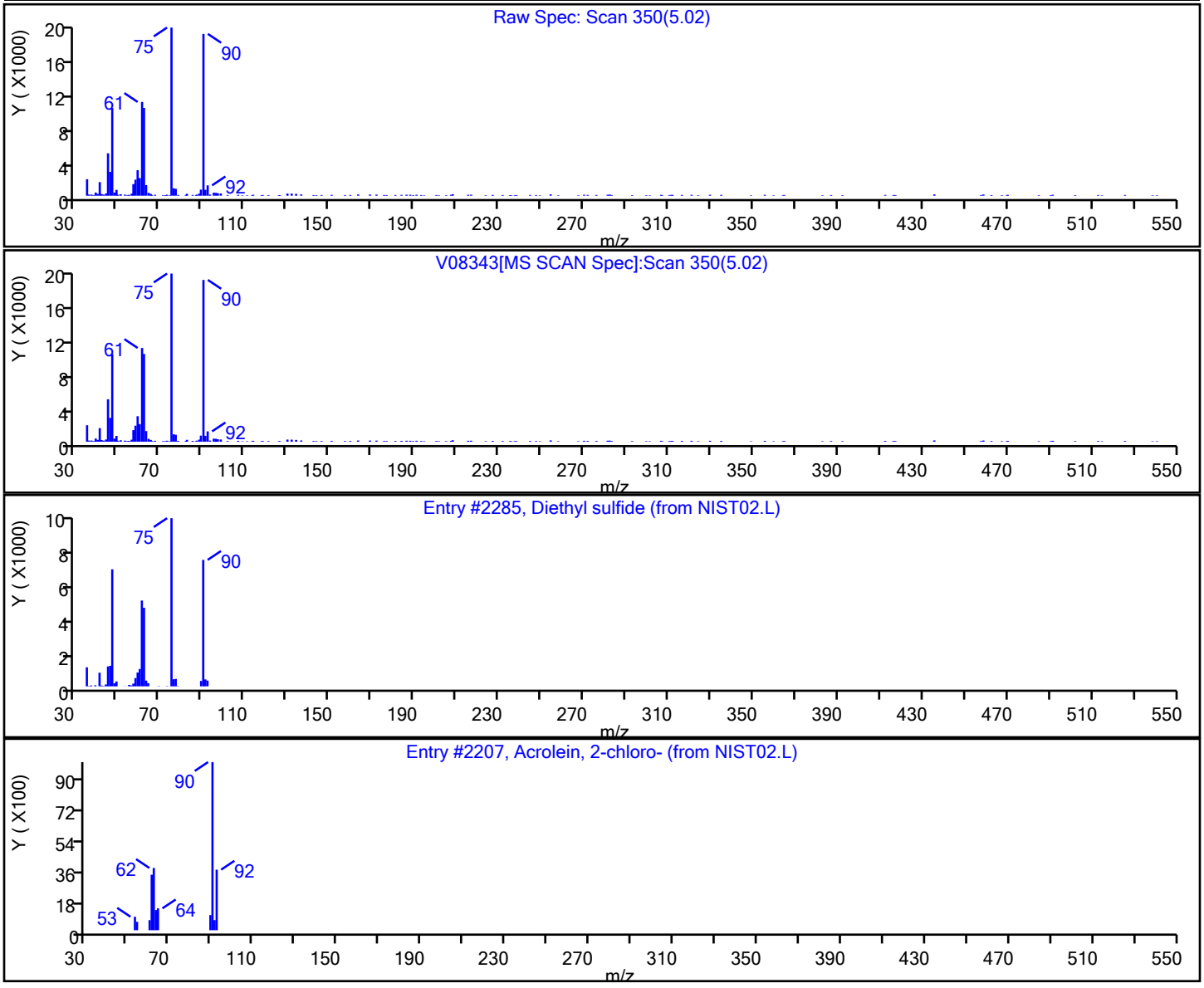
Operator ID: ALS Bottle#: 75 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D 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 | 95 |
| Acrolein, 2-chloro- | 683-51-2 | NIST02.L | 2207 | C3H3ClO | 90 | 72 |



Report Date: 30-Sep-2021 18:56:06 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D

Injection Date: 30-Sep-2021 16:42:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-6 Lab Sample ID: 460-243332-6

Client ID: MW-31

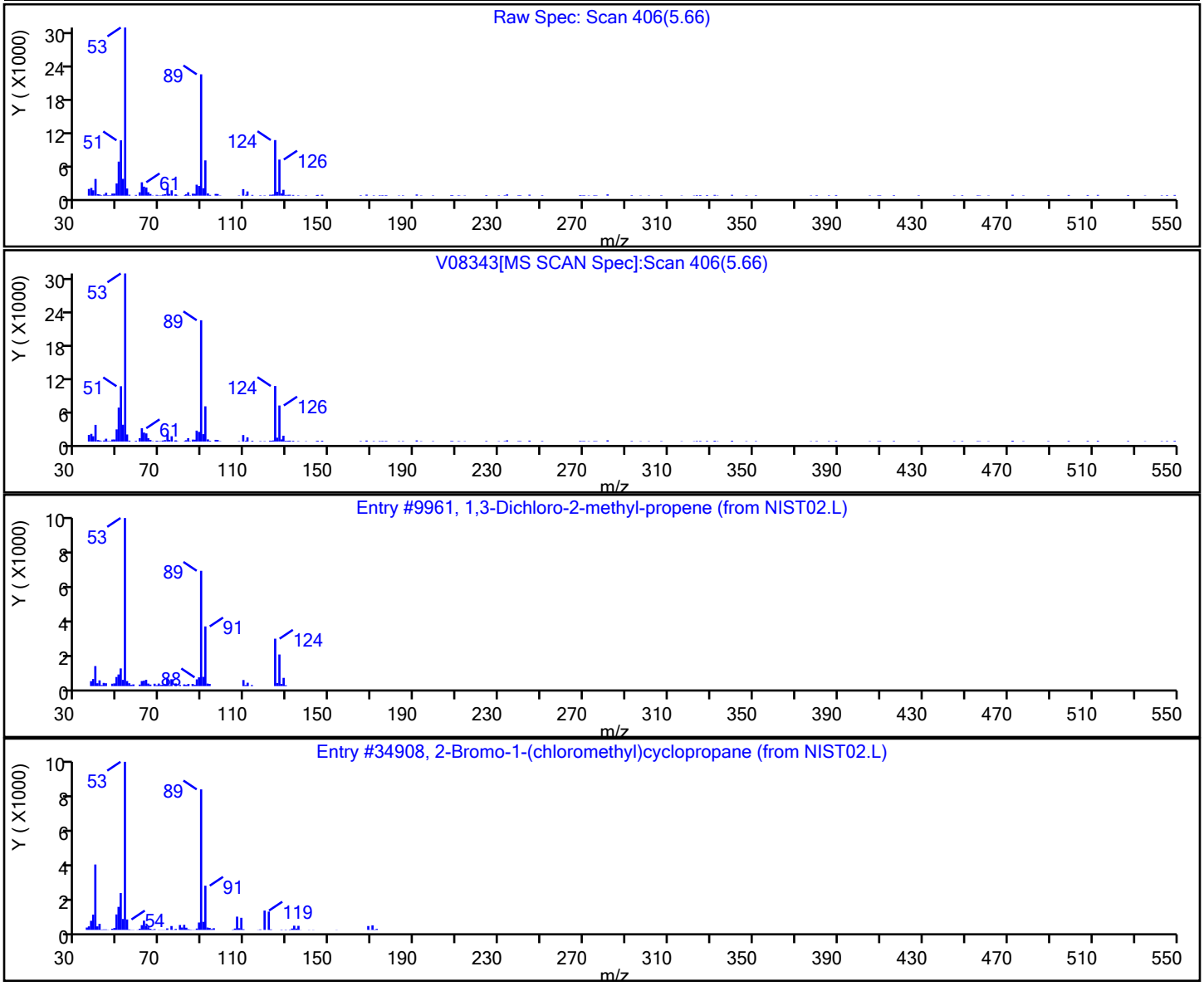
Operator ID: ALS Bottle#: 75 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D 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 | 90 |
| 2-Bromo-1-(chloromethyl)cyclopropane | 1000222-15-8 | NIST02.L | 34908 | C4H6BrCl | 168 | 72 |



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Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D

Injection Date: 30-Sep-2021 16:42:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-6 Lab Sample ID: 460-243332-6

Client ID: MW-31

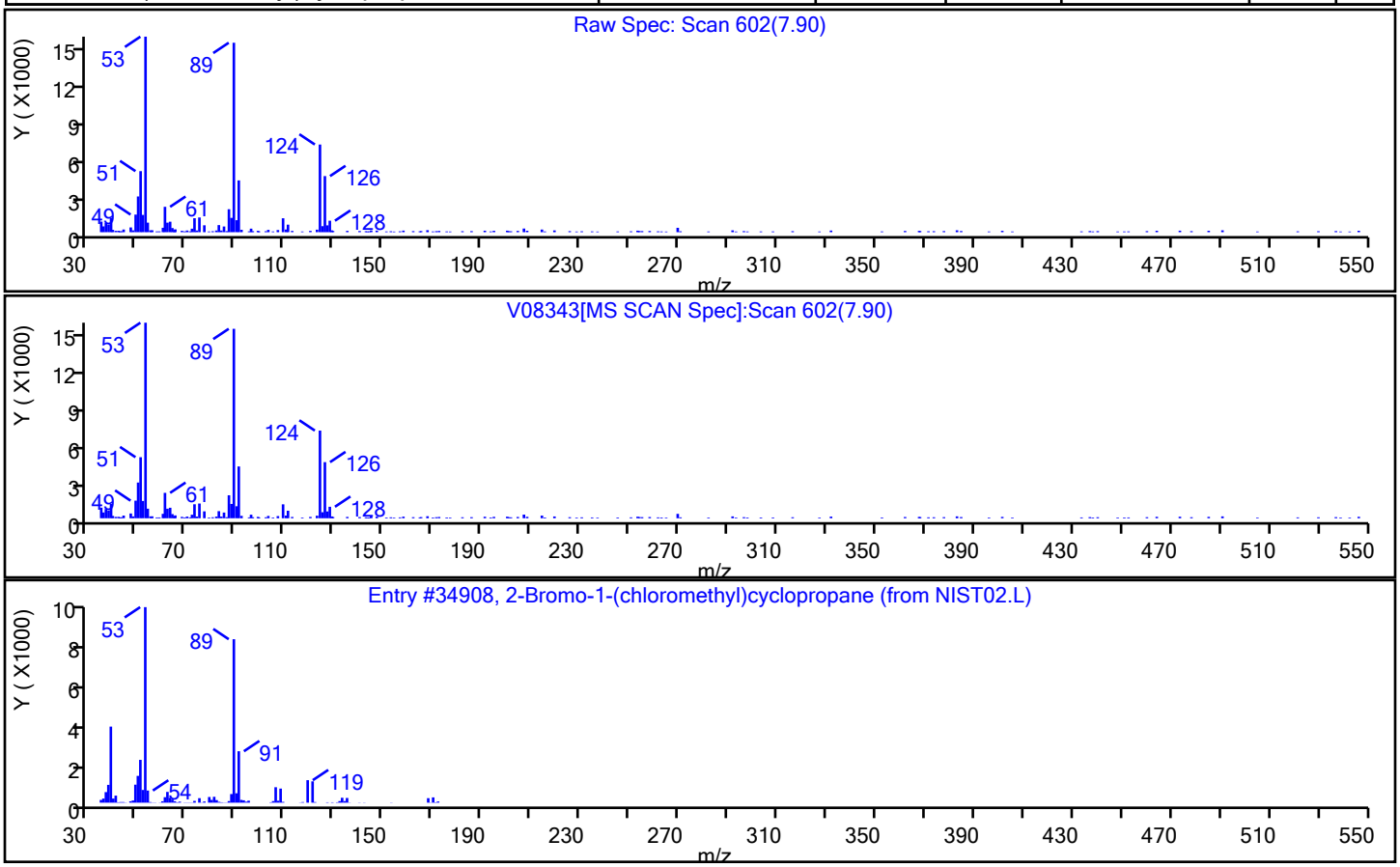
Operator ID: ALS Bottle#: 75 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Detector MS SCAN

| Library Search Compound Match | CAS# | Library | Entry | Formula | Weight | Q |
|---|---|---|---|---|---|---|
| 2-Bromo-1-(chloromethyl)cyclopropane | 1000222-15-8 | NIST02.L | 34908 | C4H6BrCl | 168 | 78 |



Report Date: 30-Sep-2021 18:56:06 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D

Injection Date: 30-Sep-2021 16:42:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-6 Lab Sample ID: 460-243332-6

Client ID: MW-31

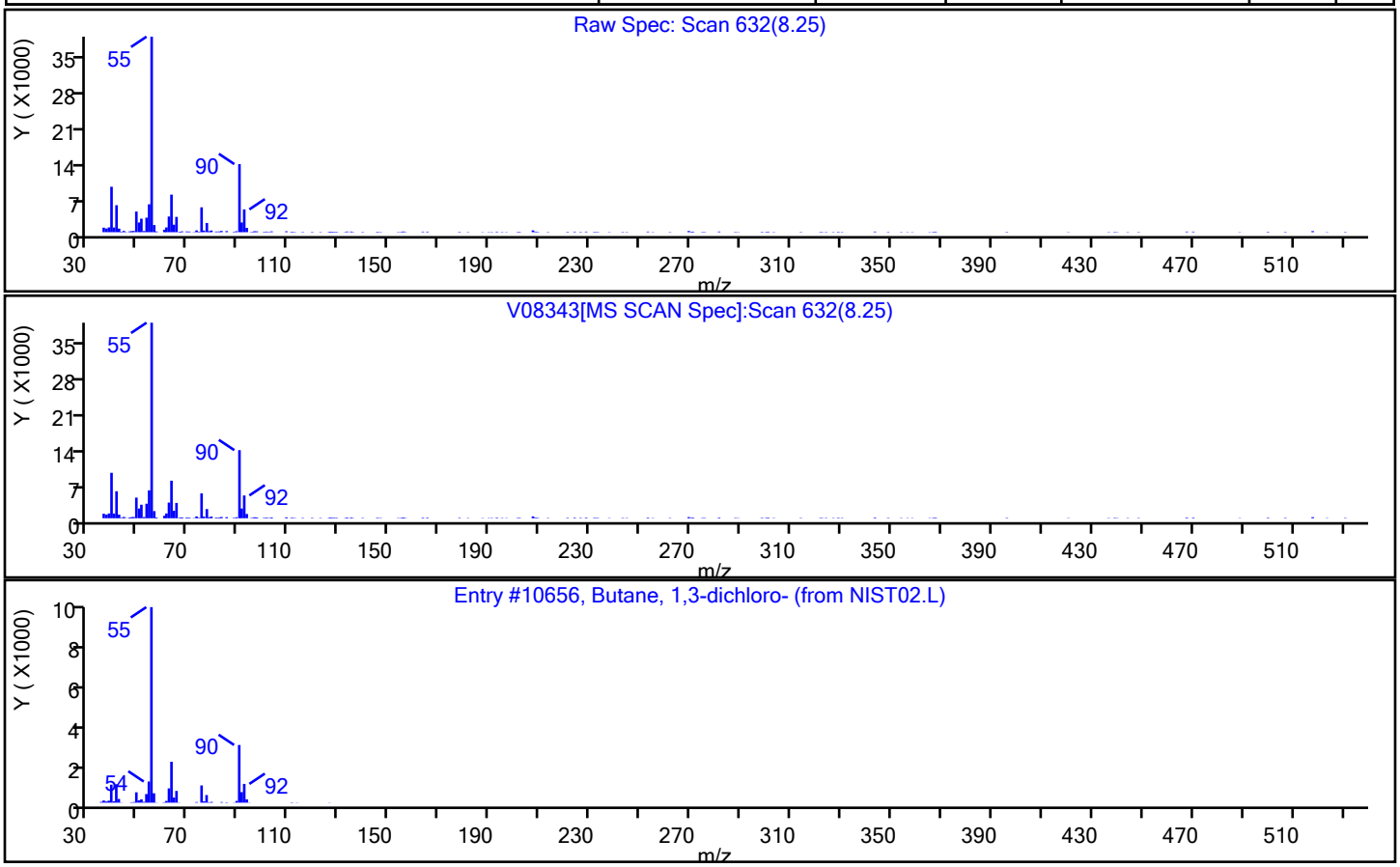
Operator ID: ALS Bottle#: 75 Worklist Smp#: 26

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Detector MS SCAN

| Library Search Compound Match | CAS# | Library | Entry | Formula | Weight | Q |
|---|---|---|---|---|---|---|
| Butane, 1,3-dichloro- | 1190-22-3 | NIST02.L | 10656 | C4H8Cl2 | 126 | 86 |

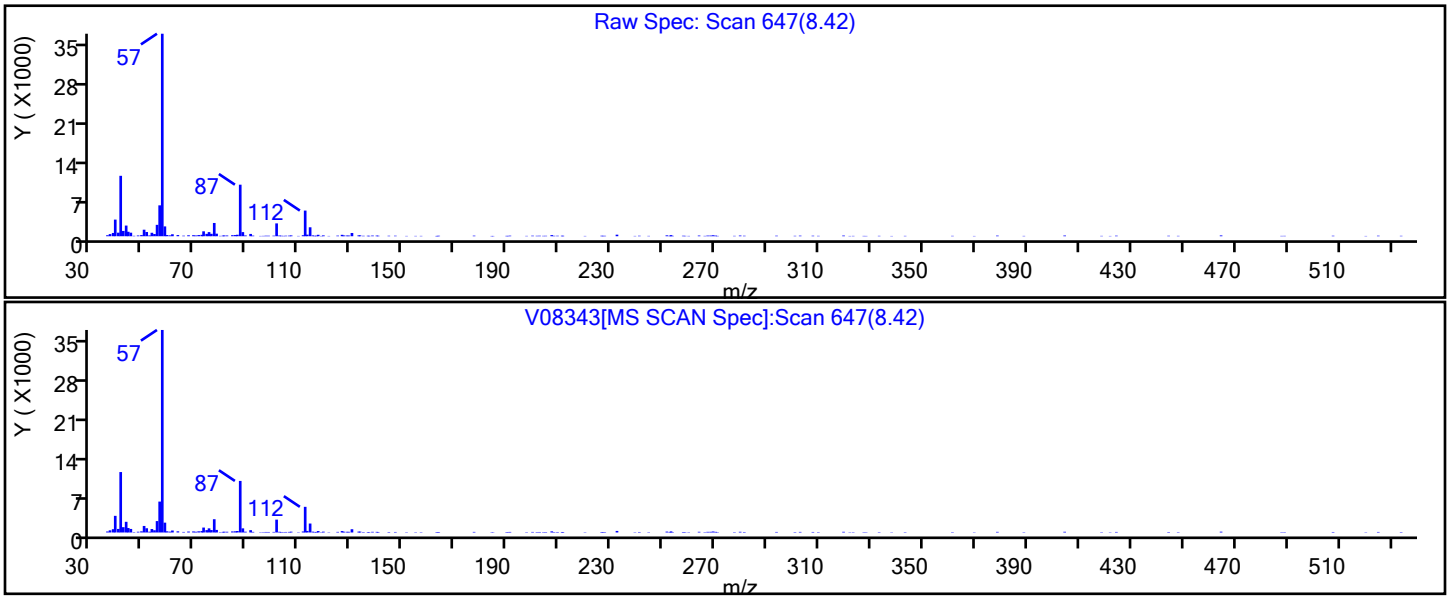


Report Date: 30-Sep-2021 18:56:06 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D | | | | |
| Injection Date: | 30-Sep-2021 16:42:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-6 | Lab Sample ID: | 460-243332-6 | | |
| Client ID: | MW-31 | | | | |
| Operator ID: | | ALS Bottle#: | 75 | Worklist Smp#: | 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | | Detector | MS SCAN | | |

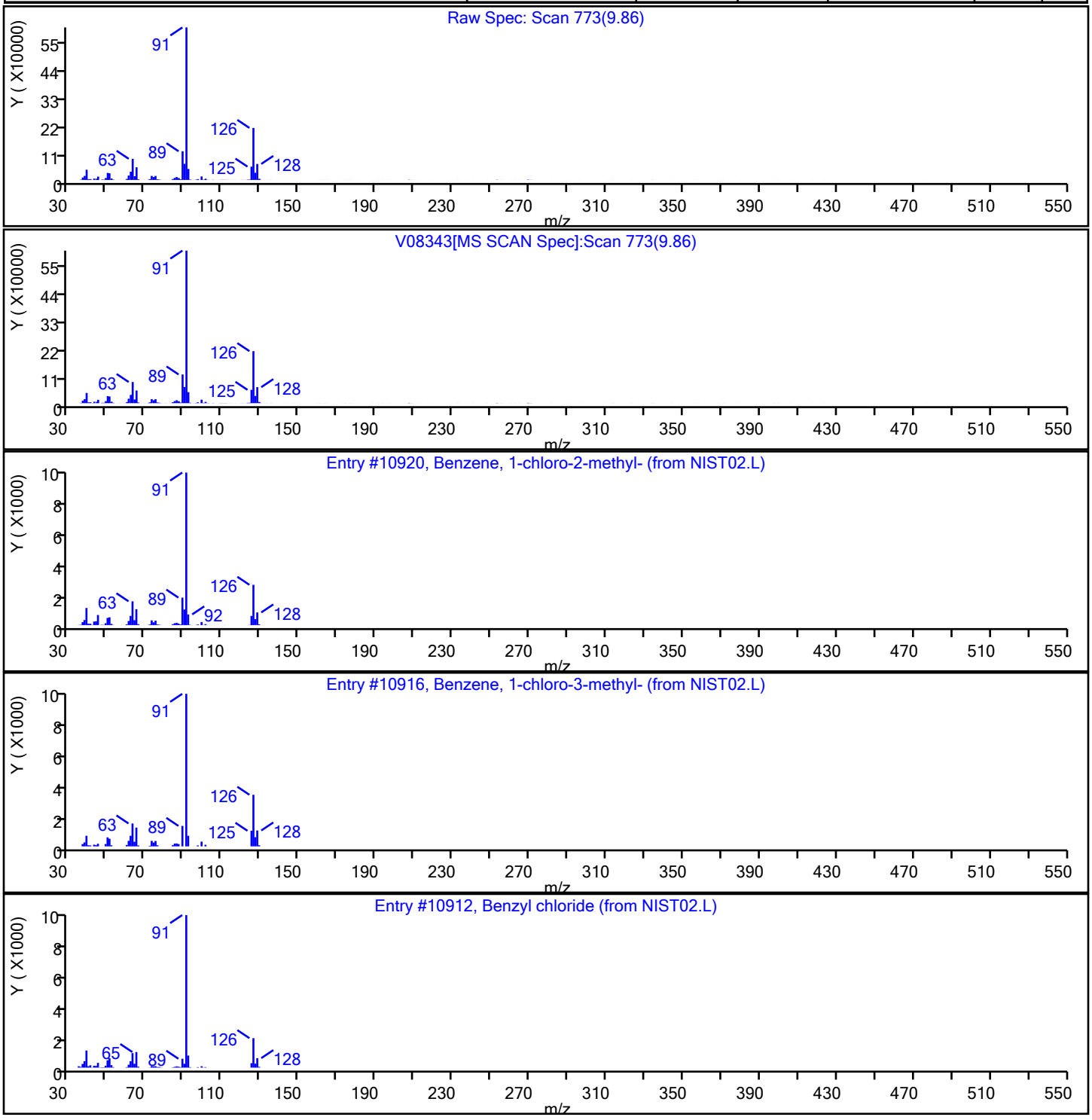
No Library Matches Found above the Threshold: 70



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D
Injection Date: 30-Sep-2021 16:42:30 Instrument ID: CVOAMS7
Lims ID: 460-243332-B-6 Lab Sample ID: 460-243332-6
Client ID: MW-31
Operator ID: ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Detector MS SCAN

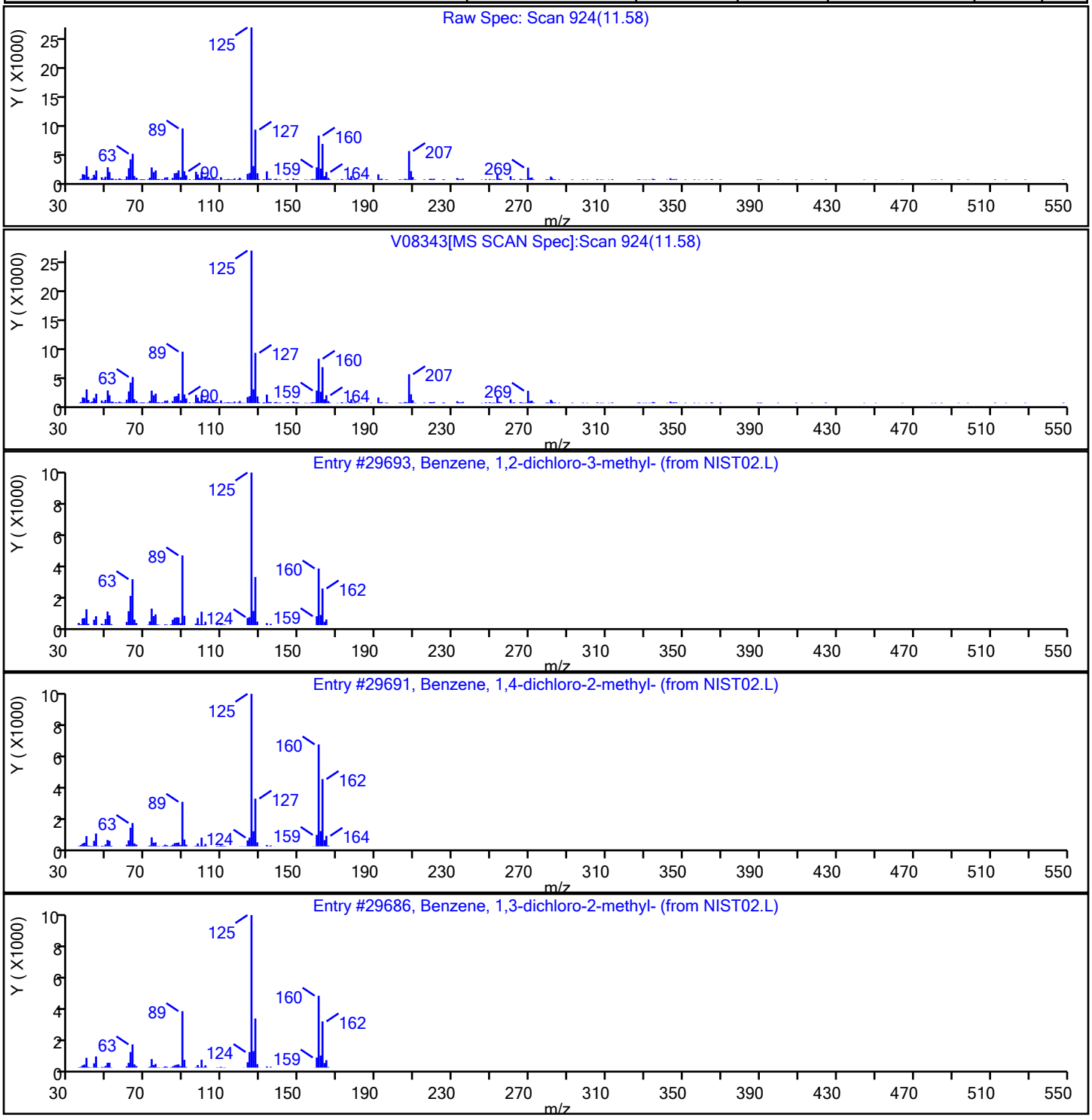
| Library Search Compound Match | CAS# | Library | Entry | Formula | Weight | Q |
|---|---|---|---|---|---|---|
| Benzene, 1-chloro-2-methyl- | 95-49-8 | NIST02.L | 10920 | C7H7Cl | 126 | 96 |
| Benzene, 1-chloro-3-methyl- | 108-41-8 | NIST02.L | 10916 | C7H7Cl | 126 | 95 |
| Benzyl chloride | 100-44-7 | NIST02.L | 10912 | C7H7Cl | 126 | 83 |



Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08343.D
Injection Date: 30-Sep-2021 16:42:30 Instrument ID: CVOAMS7
Lims ID: 460-243332-B-6 Lab Sample ID: 460-243332-6
Client ID: MW-31
Operator ID: ALS Bottle#: 75 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Detector MS SCAN

| Library Search Compound Match | CAS# | Library | Entry | Formula | Weight | Q |
|---|---|---|---|---|---|---|
| Benzene, 1,2-dichloro-3-methyl- | 32768-54-0 | NIST02.L | 29693 | C7H6Cl2 | 160 | 97 |
| Benzene, 1,4-dichloro-2-methyl- | 19398-61-9 | NIST02.L | 29691 | C7H6Cl2 | 160 | 97 |
| Benzene, 1,3-dichloro-2-methyl- | 118-69-4 | NIST02.L | 29686 | C7H6Cl2 | 160 | 94 |



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: MW-24  Lab Sample ID: 460-243332-7

Matrix: Water  Lab File ID: V08344.D

Analysis Method: 8260D  Date Collected: 09/21/2021 12:20

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 17:03

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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 | 1.3 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 4.4 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 0.63 | 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 | 32 |  | 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 | 61 |  | 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 | 34 |  | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.22 | U | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 2.0 |  | 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.: 460-243332-1

SDG No.:

Client Sample ID: MW-24  Lab Sample ID: 460-243332-7

Matrix: Water  Lab File ID: V08344.D

Analysis Method: 8260D  Date Collected: 09/21/2021 12:20

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 17:03

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 88 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 100 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 106 | | 80-120 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: MW-24  Lab Sample ID: 460-243332-7

Matrix: Water  Lab File ID: V08344.D

Analysis Method: 8260D  Date Collected: 09/21/2021 12:20

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 17:03

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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\CVOAMS7\20210930-135296.b\V08344.D
Lims ID: 460-243332-B-7
Client ID: MW-24
Sample Type: Client
Inject. Date: 30-Sep-2021 17:03:30 ALS Bottle#: 76 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-B-7
Misc. Info.: 460-0135296-027
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 18:56:36 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: xuyvo Date: 30-Sep-2021 18:56:36

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| 7 Vinyl chloride | 62 | 1.503 | 1.492 | 0.011 | 96 | 16669 | 2.14 | |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 43436 | 1000.0 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 91 | 223574 | 34.4 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.583 | 0.012 | 99 | 275991 | 250.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 98 | 433521 | 60.9 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 95 | 178919 | 49.8 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 53 | 15028 | 0.6328 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.383 | 0.012 | 96 | 183480 | 48.5 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 631853 | 50.0 | |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 95 | 13491 | 1.99 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.378 | 0.011 | 86 | 25354 | 1000.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | -0.001 | 98 | 786759 | 52.9 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 85 | 451680 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 531071 | 32.5 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 188521 | 44.2 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 95 | 198097 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 30-Sep-2021 18:56:37 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08344.D

Injection Date: 30-Sep-2021 17:03:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-7 Lab Sample ID: 460-243332-7

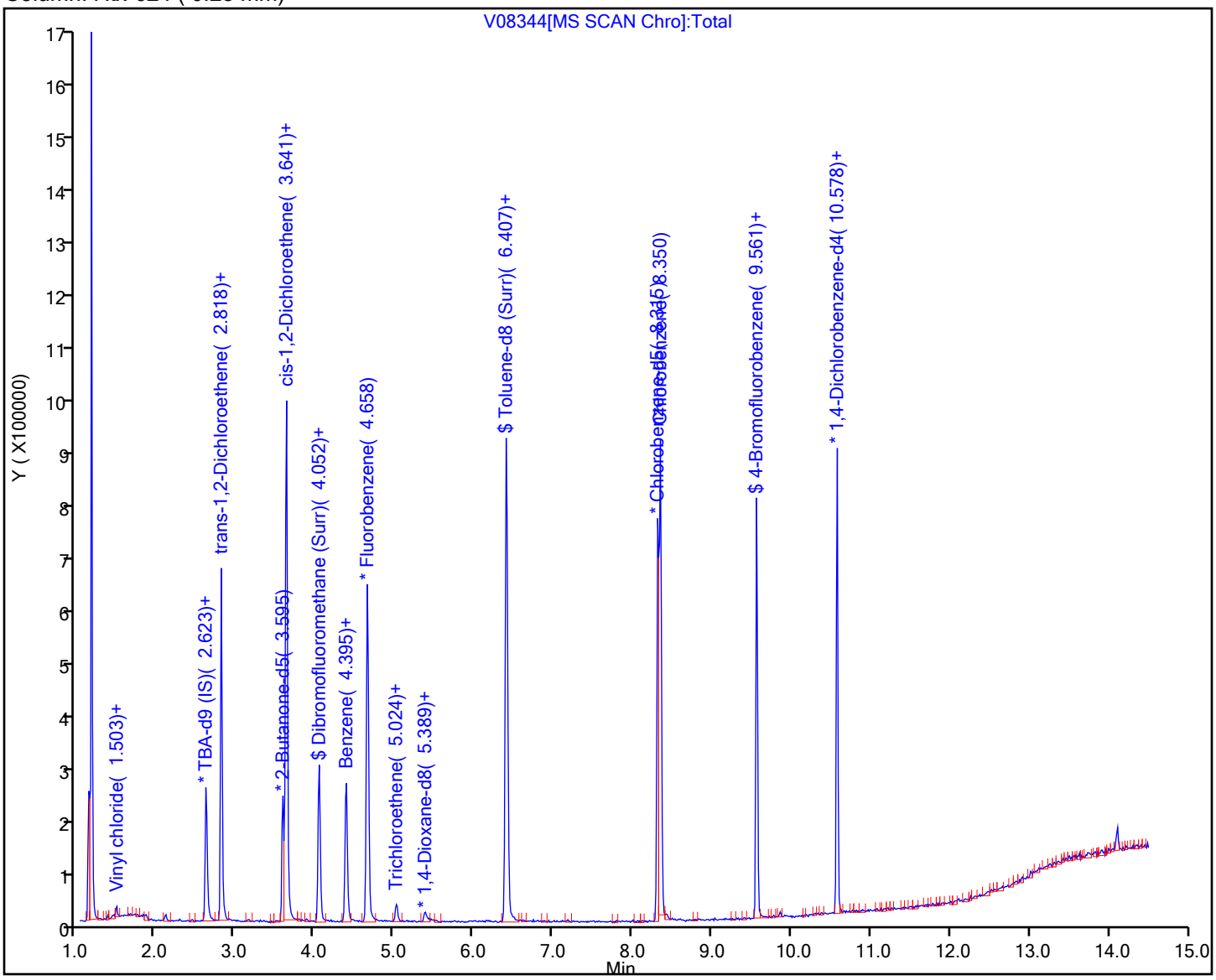
Client ID: MW-24

Operator ID: ALS Bottle#: 76 Worklist Smp#: 27

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

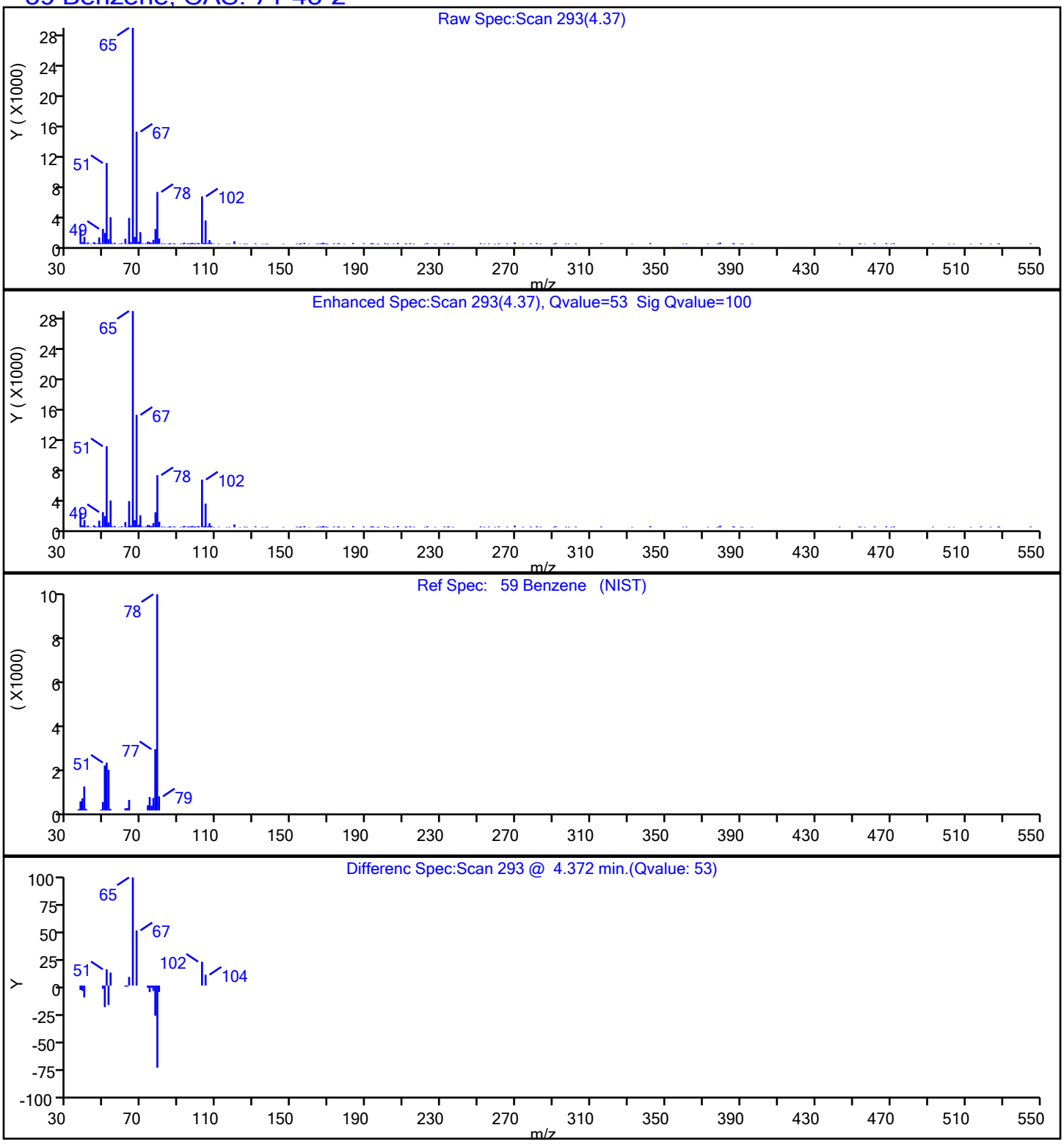
Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08344.D | | | | |
| Injection Date: | 30-Sep-2021 17:03:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-7 | Lab Sample ID: | 460-243332-7 | | |
| Client ID: | MW-24 | | | | |
| Operator ID: | | ALS Bottle#: | 76 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

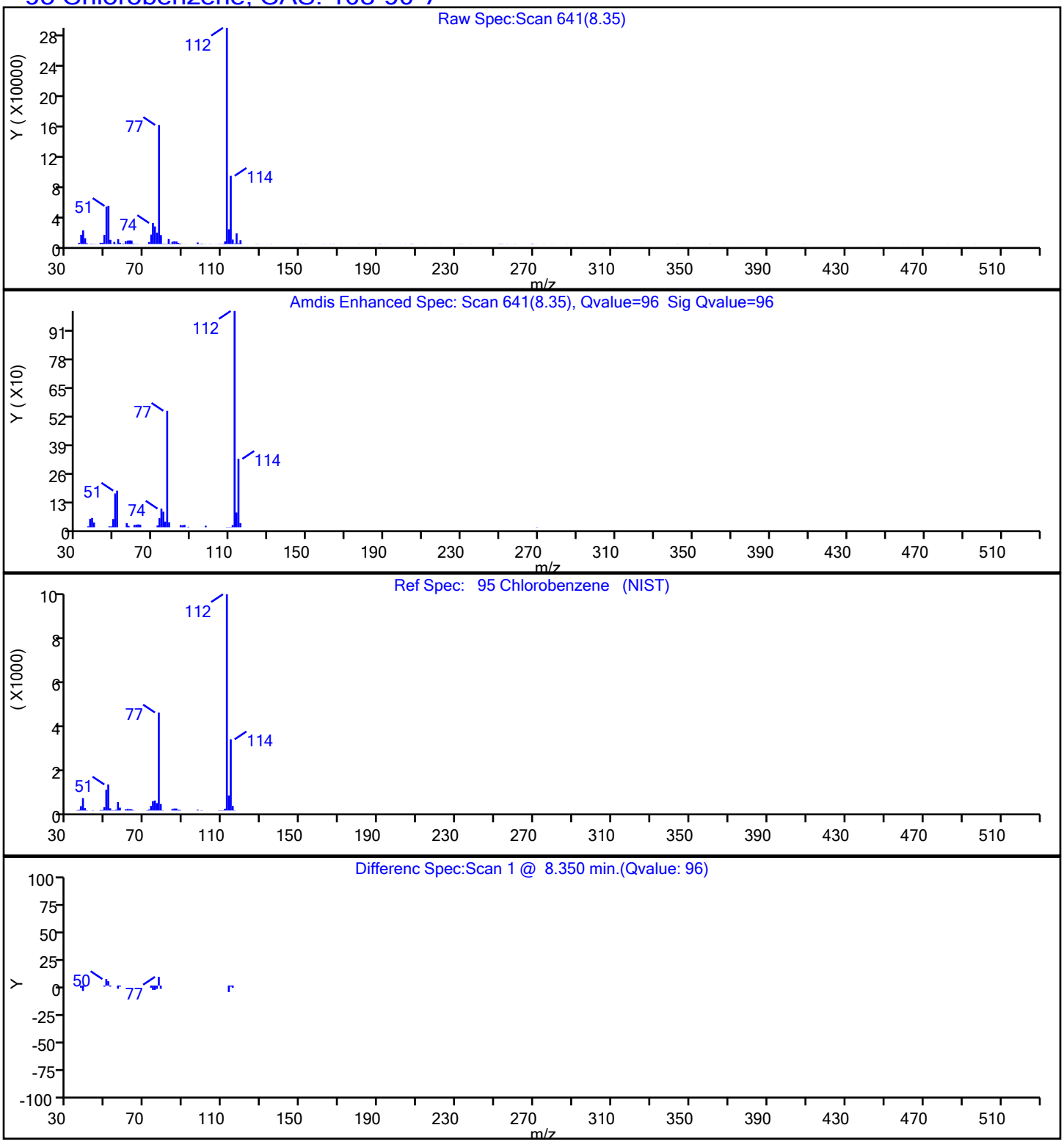
## 59 Benzene, CAS: 71-43-2



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08344.D | | | | |
| Injection Date: | 30-Sep-2021 17:03:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-7 | Lab Sample ID: | 460-243332-7 | | |
| Client ID: | MW-24 | | | | |
| Operator ID: | | ALS Bottle#: | 76 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

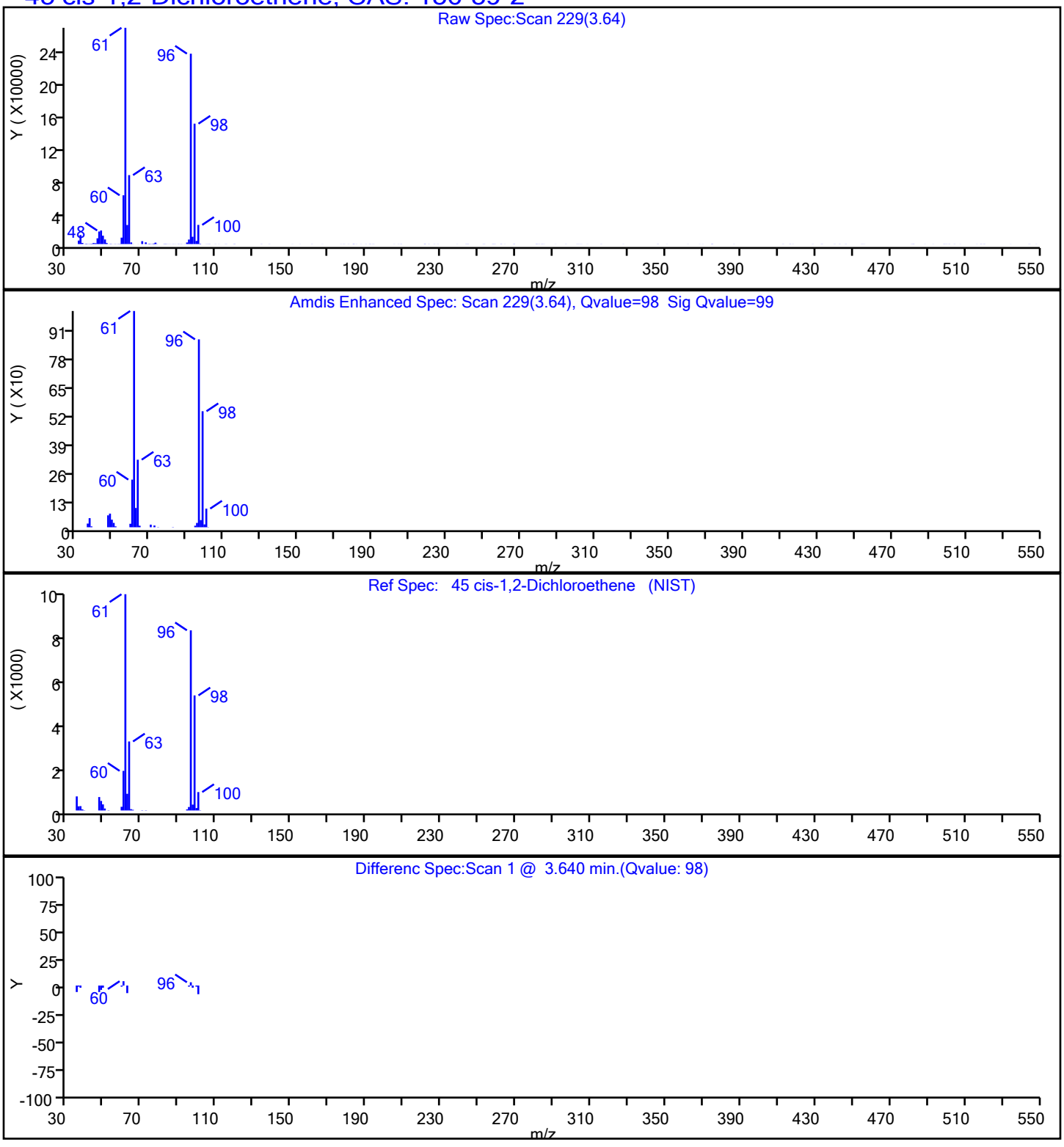
## 95 Chlorobenzene, CAS: 108-90-7



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08344.D | | | | |
| Injection Date: | 30-Sep-2021 17:03:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-7 | Lab Sample ID: | 460-243332-7 | | |
| Client ID: | MW-24 | | | | |
| Operator ID: | | ALS Bottle#: | 76 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

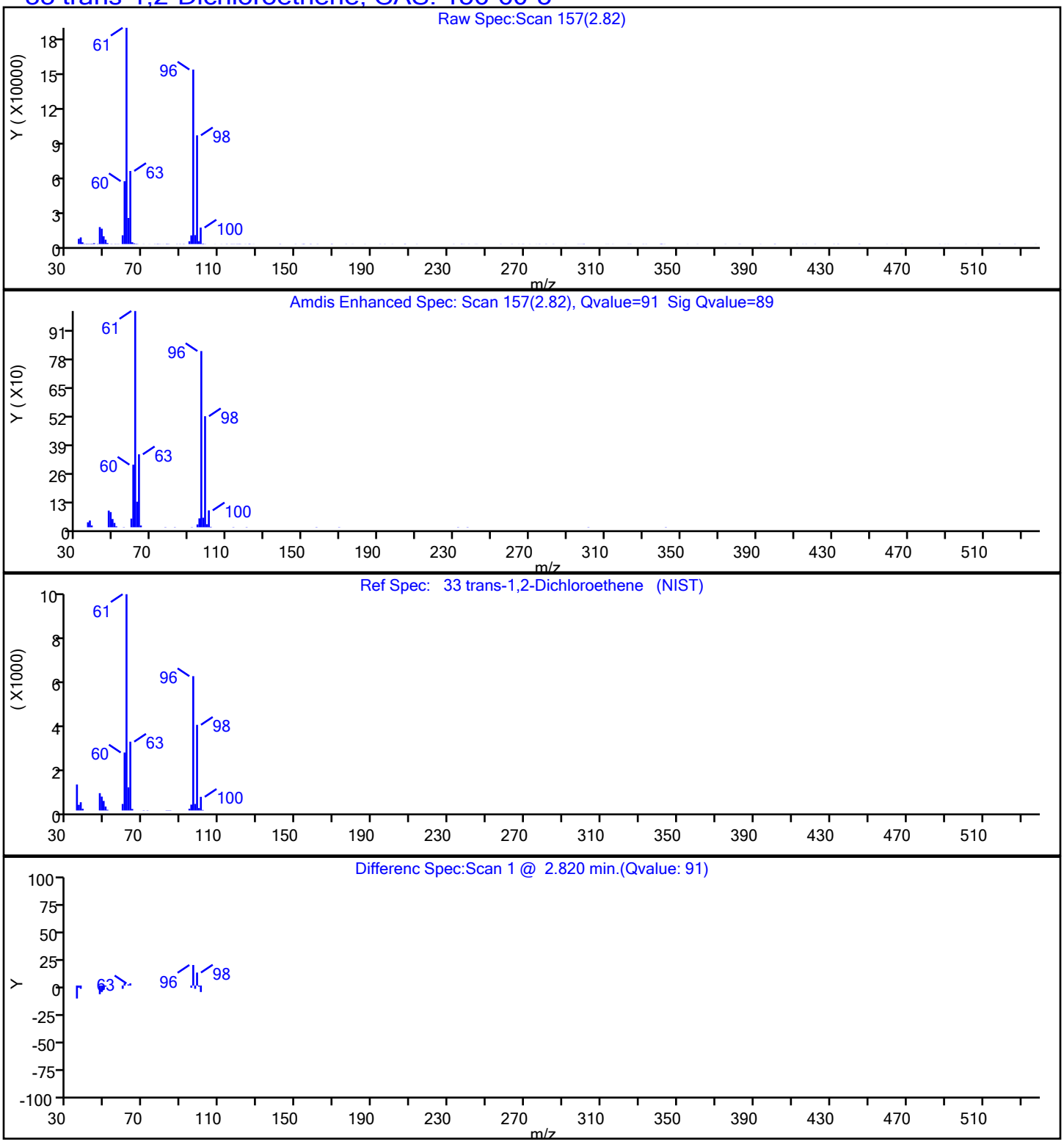
## 45 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08344.D | | | | |
| Injection Date: | 30-Sep-2021 17:03:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-7 | Lab Sample ID: | 460-243332-7 | | |
| Client ID: | MW-24 | | | | |
| Operator ID: | | ALS Bottle#: | 76 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

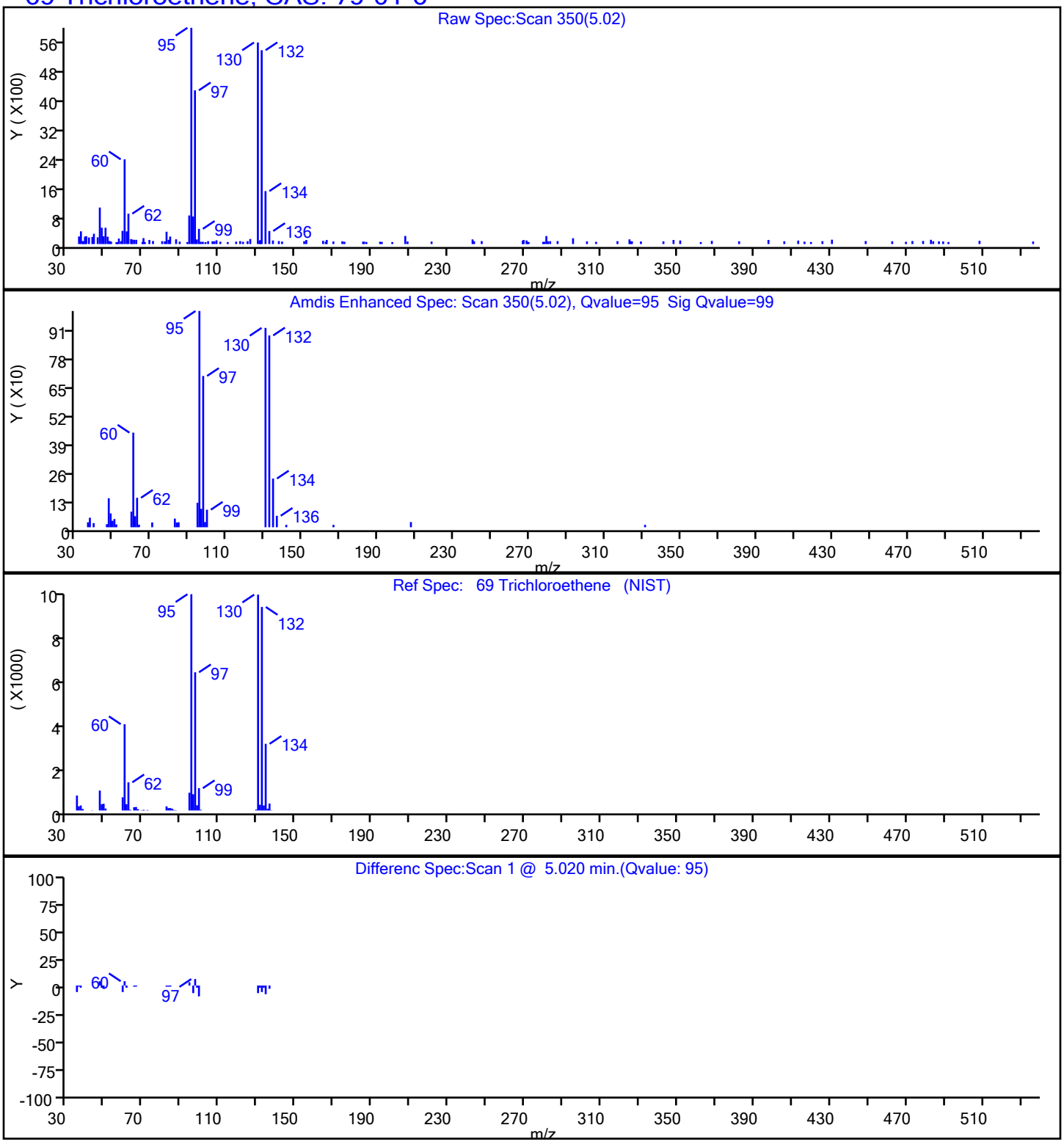
## 33 trans-1,2-Dichloroethene, CAS: 156-60-5



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08344.D | | | | |
| Injection Date: | 30-Sep-2021 17:03:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-7 | Lab Sample ID: | 460-243332-7 | | |
| Client ID: | MW-24 | | | | |
| Operator ID: | | ALS Bottle#: | 76 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

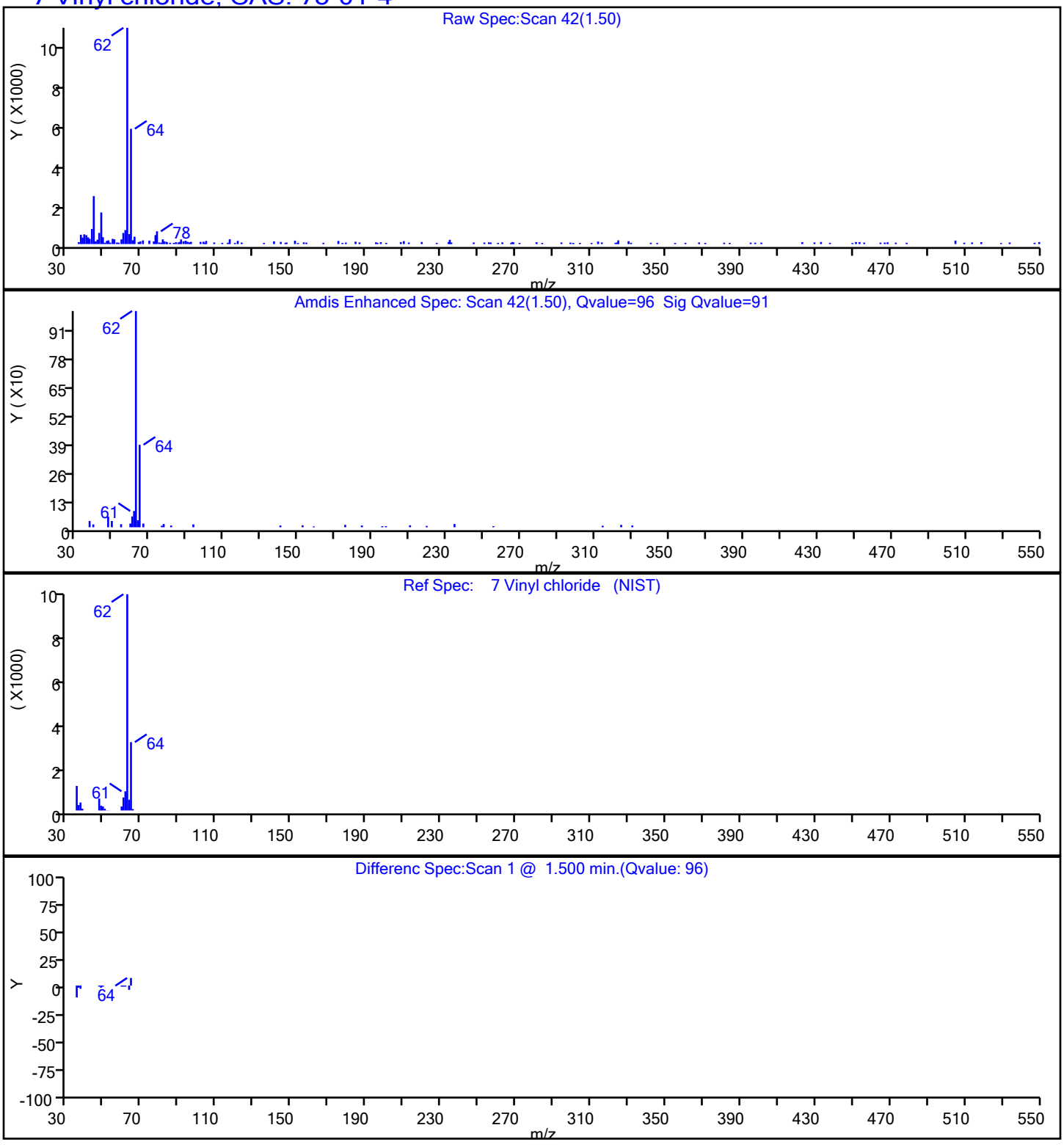
## 69 Trichloroethene, CAS: 79-01-6



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08344.D | | | | |
| Injection Date: | 30-Sep-2021 17:03:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-7 | Lab Sample ID: | 460-243332-7 | | |
| Client ID: | MW-24 | | | | |
| Operator ID: | | ALS Bottle#: | 76 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 7 Vinyl chloride, CAS: 75-01-4



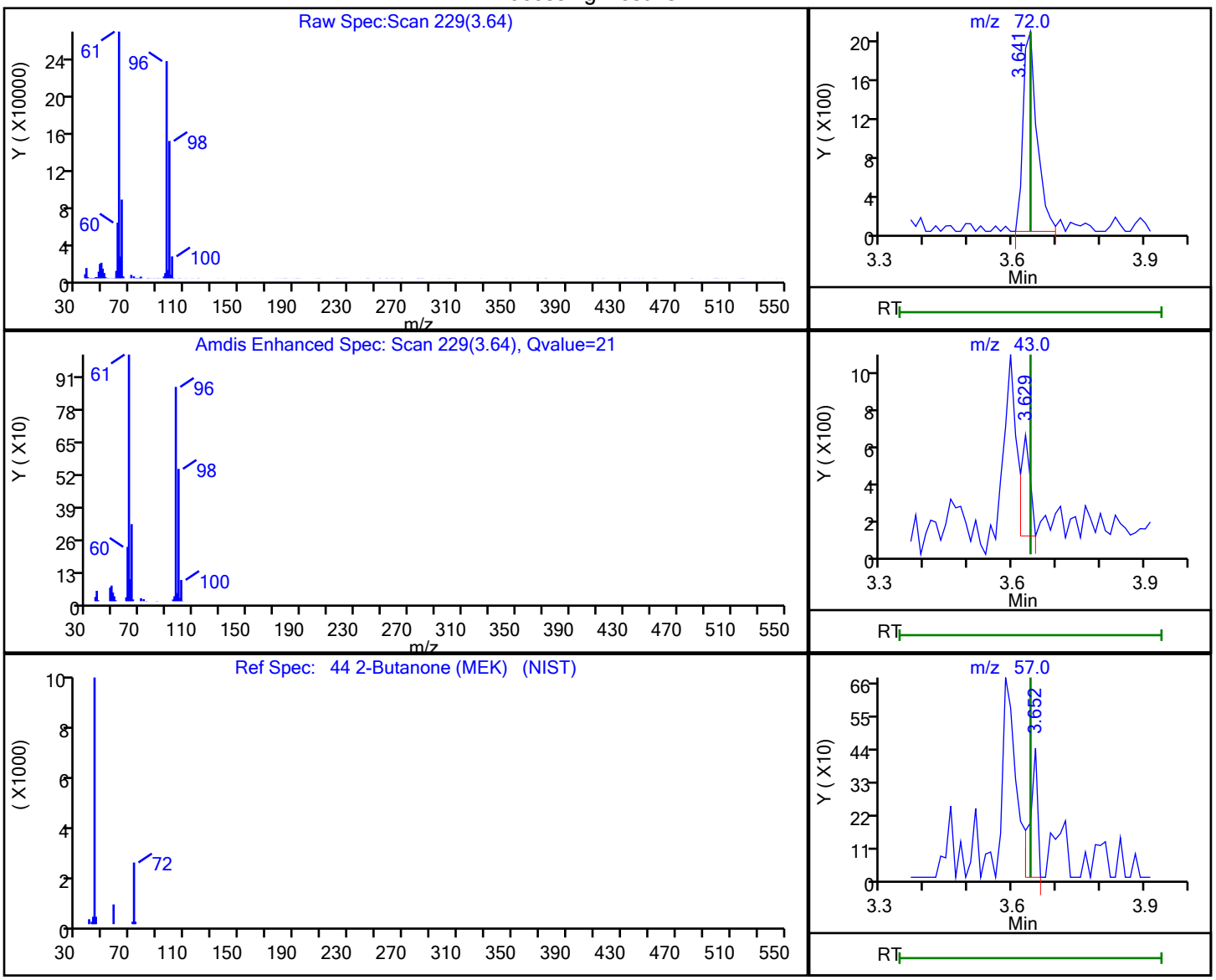
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08344.D | | | | |
| Injection Date: | 30-Sep-2021 17:03:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-7 | Lab Sample ID: | 460-243332-7 | | |
| Client ID: | MW-24 | | | | |
| Operator ID: | | ALS Bottle#: | 76 | Worklist Smp#: | 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 44 2-Butanone (MEK), CAS: 78-93-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.64 | 72.00 | 4444 | 5.628306 |
| 3.63 | 43.00 | 811 | |
| 3.65 | 57.00 | 538 | |

Reviewer: xuyvo, 30-Sep-2021 18:56:26

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: MW-71  Lab Sample ID: 460-243332-8

Matrix: Water  Lab File ID: V08345.D

Analysis Method: 8260D  Date Collected: 09/21/2021 12:47

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 17:24

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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 | 3.3 | | 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 | 1.3 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 4.4 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 0.39 | 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 | 51 | | 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.: 460-243332-1

SDG No.:

Client Sample ID: MW-71  Lab Sample ID: 460-243332-8

Matrix: Water  Lab File ID: V08345.D

Analysis Method: 8260D  Date Collected: 09/21/2021 12:47

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 17:24

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 96 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 88 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 100 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 105 | | 80-120 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: MW-71  Lab Sample ID: 460-243332-8

Matrix: Water  Lab File ID: V08345.D

Analysis Method: 8260D  Date Collected: 09/21/2021 12:47

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 17:24

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  Units: ug/L

Number TICs Found: 1  TIC Result Total: 17

| CAS NO. | COMPOUND NAME | RT | RESULT | Q | MATCH QUALITY |
|---|---|---|---|---|---|
| 60-29-7 | Ethyl ether | 2.11 | 17 | J N | 90% |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08345.D
Lims ID: 460-243332-B-8
Client ID: MW-71
Sample Type: Client
Inject. Date: 30-Sep-2021 17:24:30 ALS Bottle#: 77 Worklist Smp#: 28
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-B-8
Misc. Info.: 460-0135296-028
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 18:57:29 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: xuyvo Date: 30-Sep-2021 18:57:52

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 39763 | 1000.0 | |
| 38 1,1-Dichloroethane | 63 | 3.161 | 3.160 | 0.000 | 99 | 32538 | 3.26 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.583 | 0.012 | 99 | 241044 | 250.0 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 95 | 164136 | 50.0 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 47 | 8412 | 0.3869 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.383 | 0.012 | 97 | 165314 | 47.9 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 576951 | 50.0 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.378 | 5.378 | 0.000 | 86 | 23250 | 1000.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 98 | 715512 | 52.6 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 85 | 413602 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 756282 | 50.5 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 172393 | 44.2 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 95 | 187557 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

Eurofins TestAmerica, Edison
Tentatively Identified Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08345.D | | | | |
| Lims ID: | 460-243332-B-8 | | | | |
| Client ID: | MW-71 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 30-Sep-2021 17:24:30 | ALS Bottle#: | 77 | Worklist Smp#: | 28 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-243332-B-8 | | | | |
| Misc. Info.: | 460-0135296-028 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS7 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 30-Sep-2021 18:57:29 | Calib Date: | 20-Sep-2021 17:09:30 | | |
| 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 Quad | | |
| Process Host: | CTX1670 | | | | |
| First Level Reviewer: xuyvo | | Date: | 30-Sep-2021 18:57:52 | | |

Tentative Identified Compound Results

| RT | Area | Amount ug/l | Quant Cpnd | Qual | Lib Entry | Molecular Formula | Mol. Weight | Flags |
|---|---|---|---|---|---|---|---|---|
| 60-29-7 Ethyl ether | | | | | | | | |
| 2.109 | 404280 | 17.2 | 67 | 90 | 824 | C4H10O | 74 | |

Quantitation Compounds

| Compound | RT | Area | Amount ug/l |
|---|---|---|---|
| * 67 Fluorobenzene | 4.658 | 1177240 | 50.0 |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00222 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 30-Sep-2021 18:57:53 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08345.D

Injection Date: 30-Sep-2021 17:24:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-8 Lab Sample ID: 460-243332-8

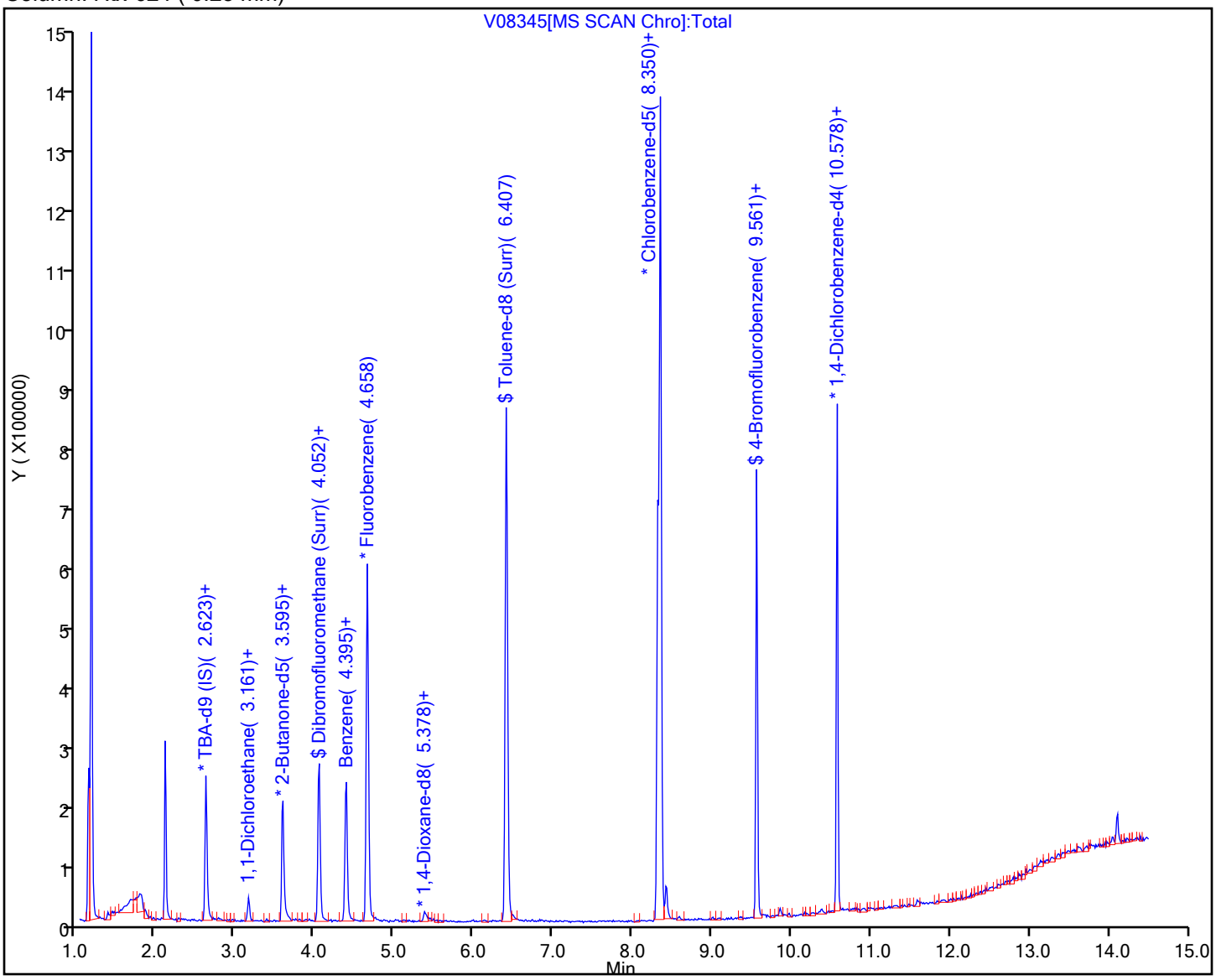
Client ID: MW-71

Operator ID: ALS Bottle#: 77 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

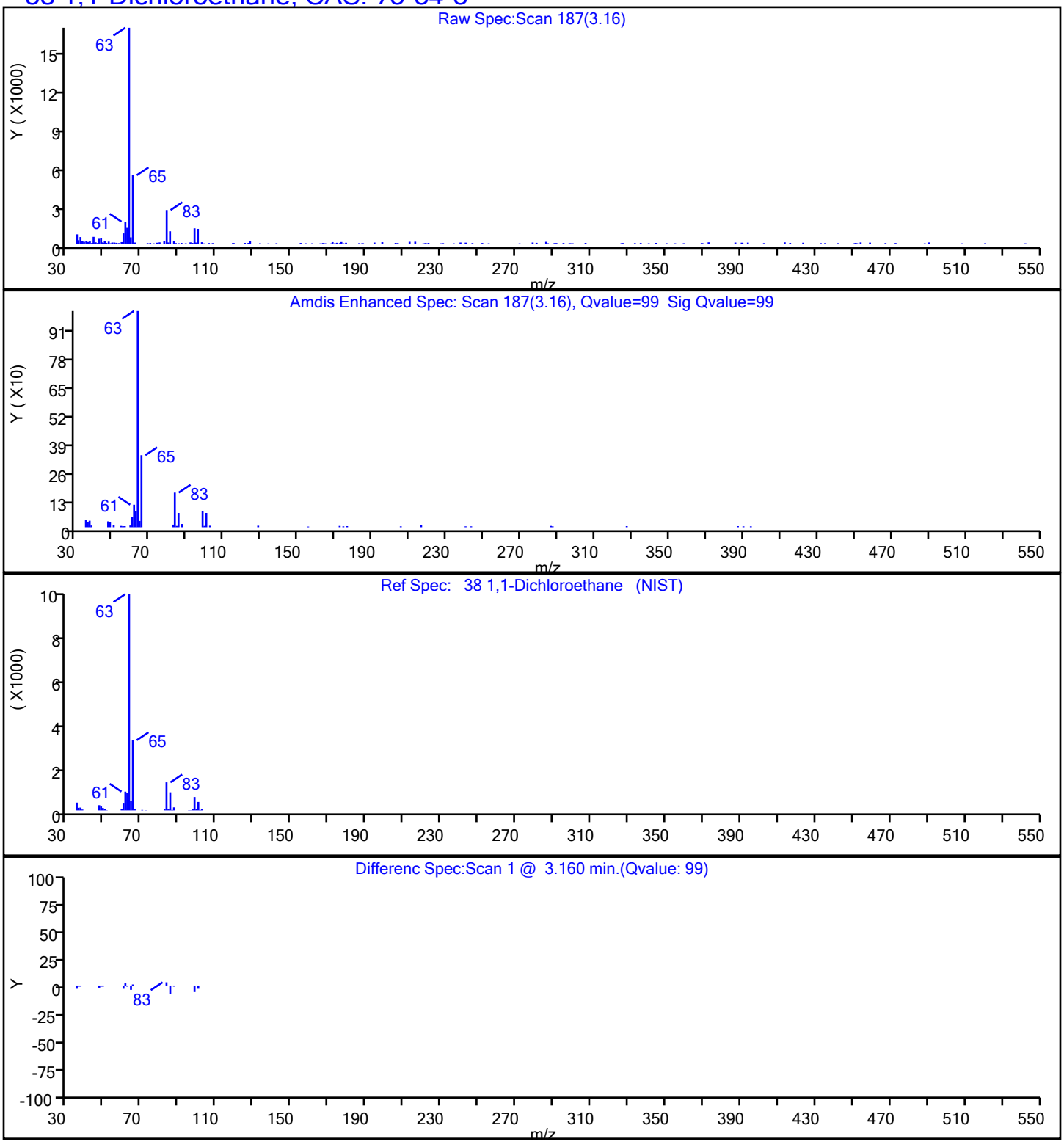
Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08345.D | | | | |
| Injection Date: | 30-Sep-2021 17:24:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-8 | Lab Sample ID: | 460-243332-8 | | |
| Client ID: | MW-71 | | | | |
| Operator ID: | | ALS Bottle#: | 77 | Worklist Smp#: | 28 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

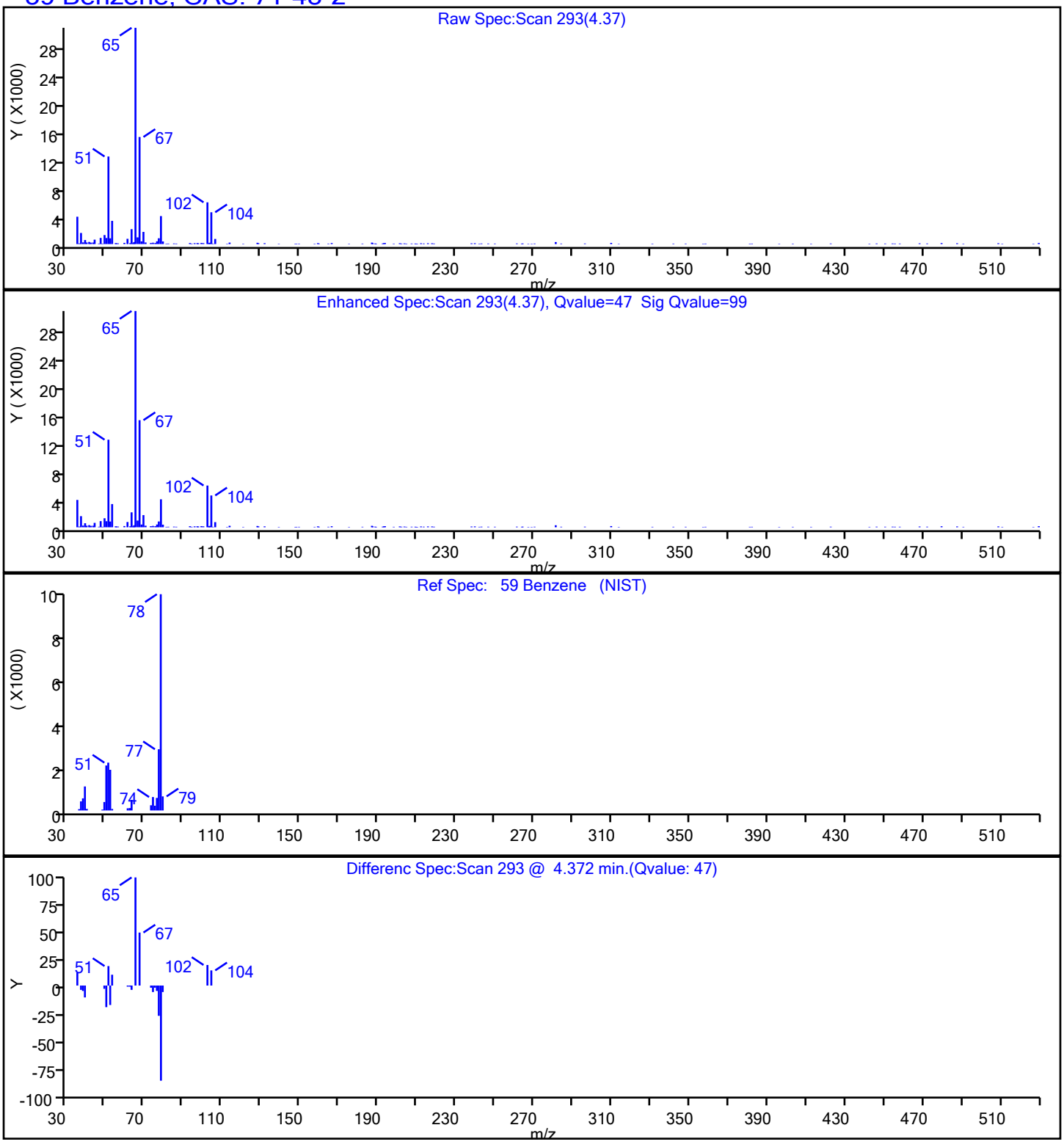
## 38 1,1-Dichloroethane, CAS: 75-34-3



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08345.D | | | | |
| Injection Date: | 30-Sep-2021 17:24:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-8 | Lab Sample ID: | 460-243332-8 | | |
| Client ID: | MW-71 | | | | |
| Operator ID: | | ALS Bottle#: | 77 | Worklist Smp#: | 28 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

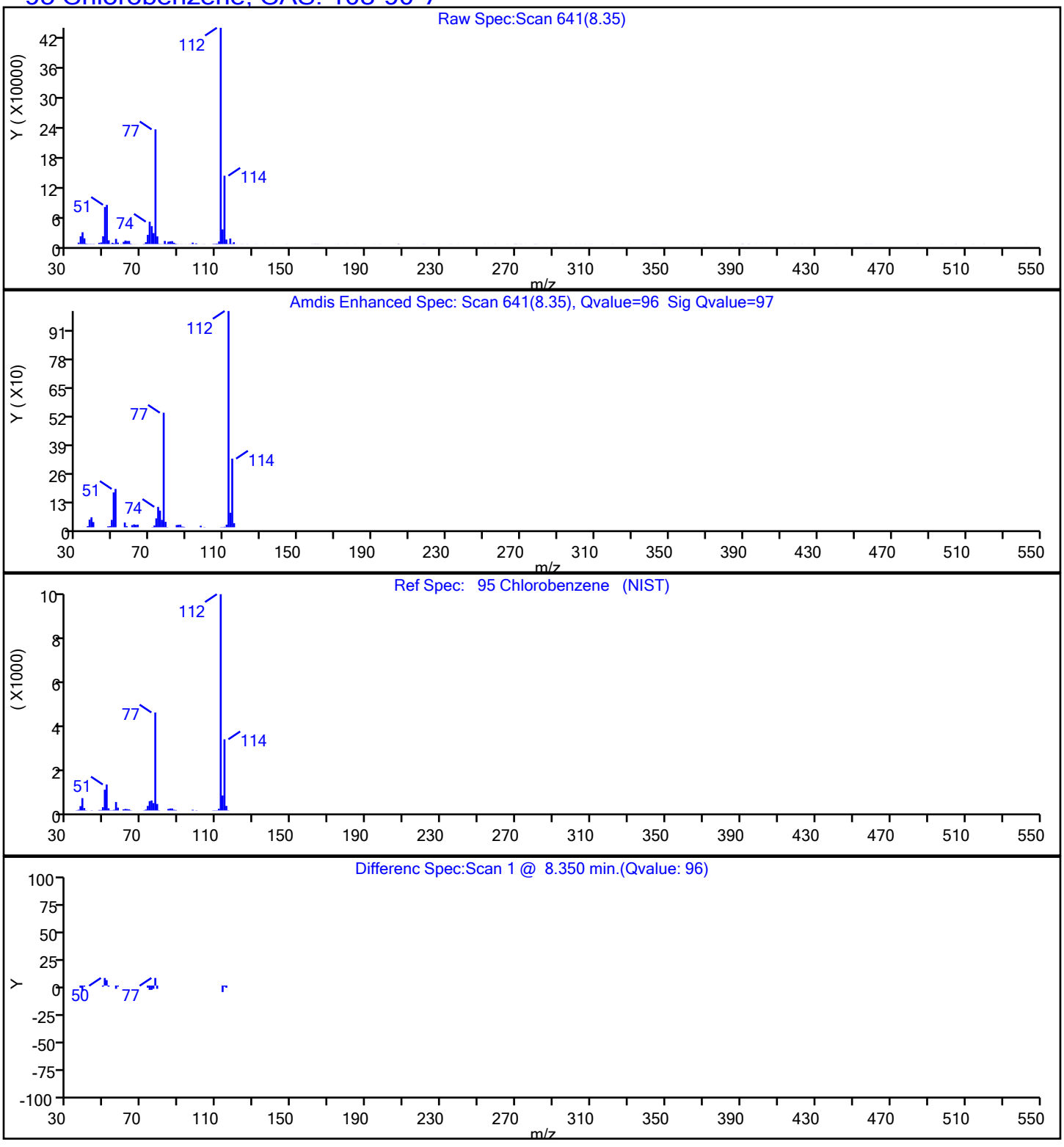
## 59 Benzene, CAS: 71-43-2



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08345.D | | | | |
| Injection Date: | 30-Sep-2021 17:24:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-8 | Lab Sample ID: | 460-243332-8 | | |
| Client ID: | MW-71 | | | | |
| Operator ID: | | ALS Bottle#: | 77 | Worklist Smp#: | 28 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 95 Chlorobenzene, CAS: 108-90-7



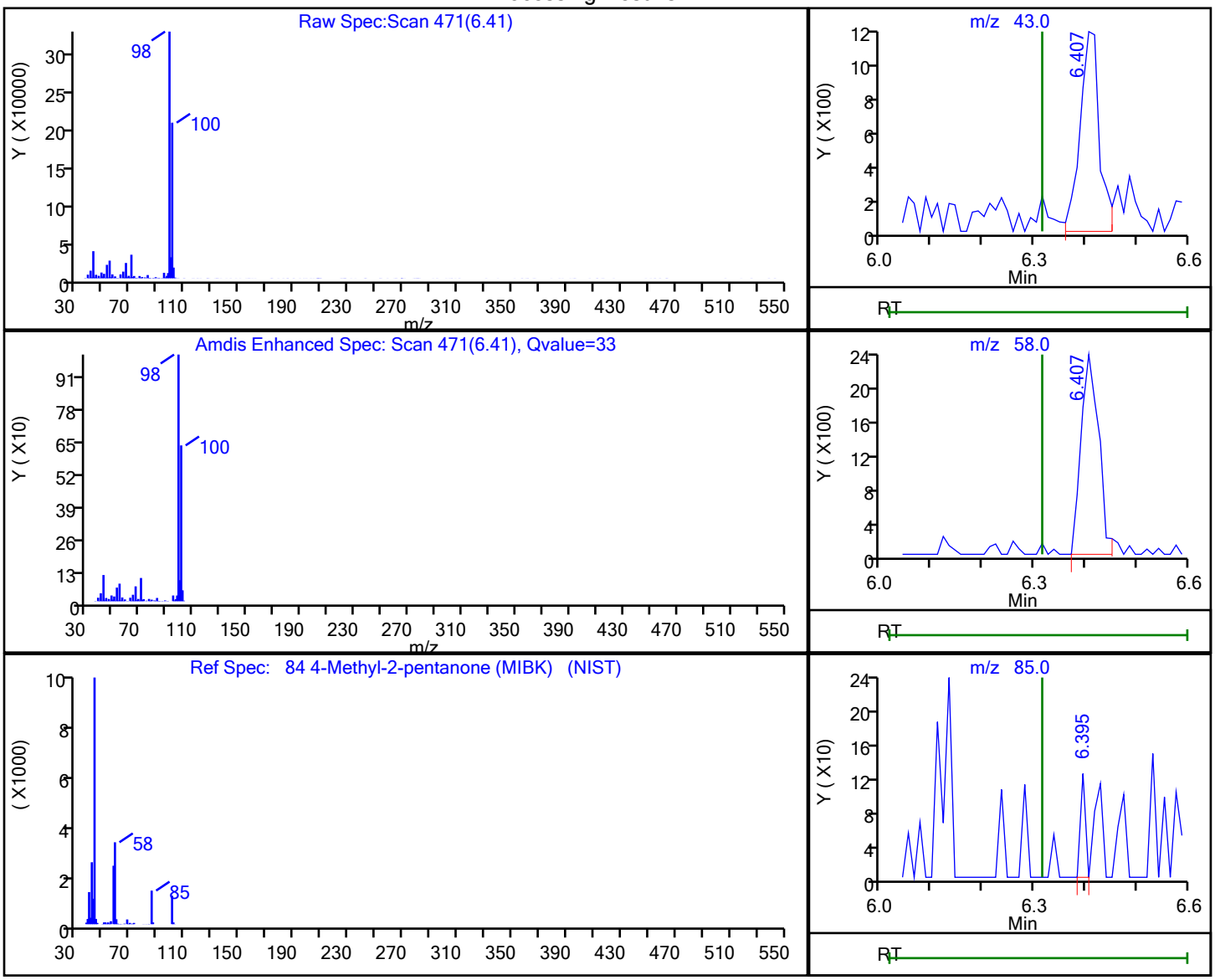
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08345.D | | | | |
| Injection Date: | 30-Sep-2021 17:24:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-8 | Lab Sample ID: | 460-243332-8 | | |
| Client ID: | MW-71 | | | | |
| Operator ID: | | ALS Bottle#: | 77 | Worklist Smp#: | 28 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.41 | 43.00 | 3122 | 0.747652 |
| 6.41 | 58.00 | 5759 | |
| 6.40 | 85.00 | 85 | |
| 6.41 | 100.00 | 455564 | |

Reviewer: xuyvo, 30-Sep-2021 18:56:50

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

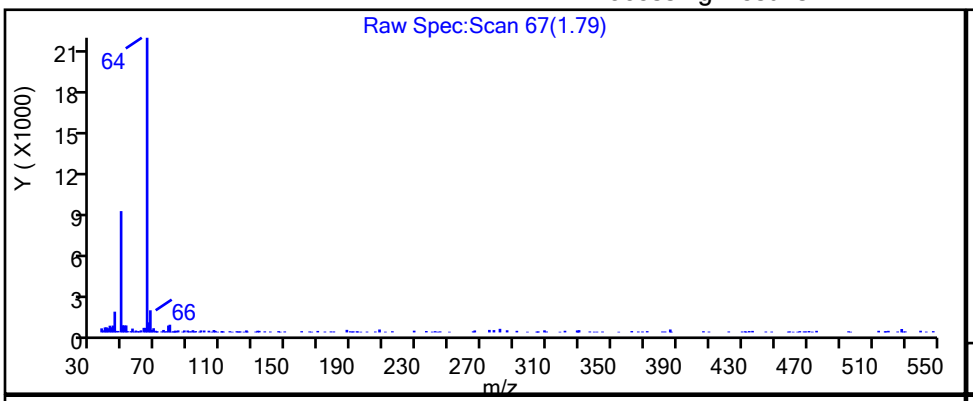
User Disabled Compound Report

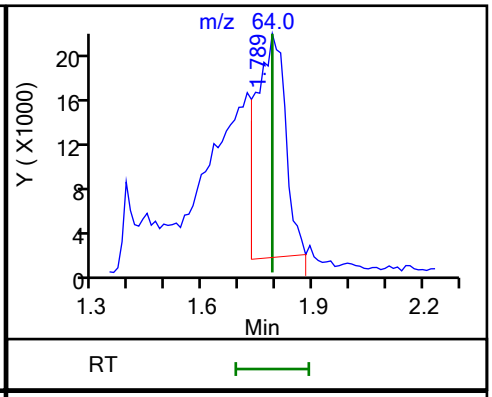
Eurofins TestAmerica, Edison

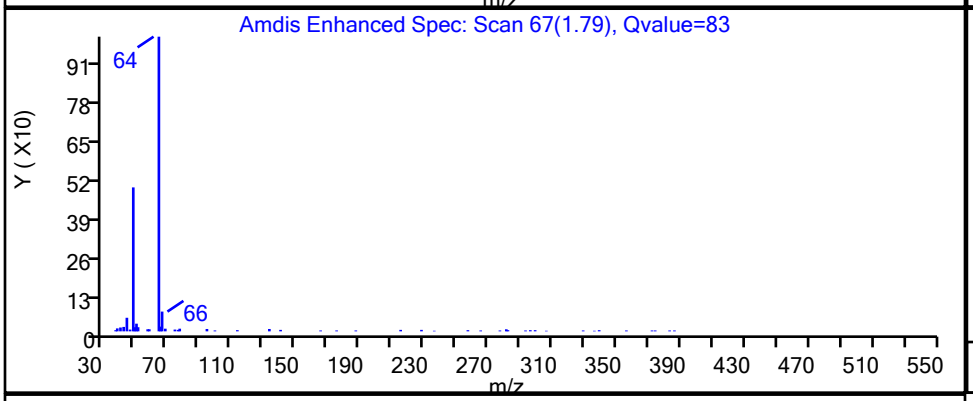
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08345.D | | | | |
| Injection Date: | 30-Sep-2021 17:24:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-8 | Lab Sample ID: | 460-243332-8 | | |
| Client ID: | MW-71 | | | | |
| Operator ID: | | ALS Bottle#: | 77 | Worklist Smp#: | 28 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

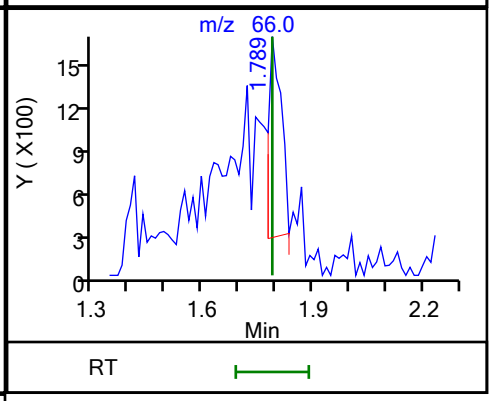
## 10 Chloroethane, CAS: 75-00-3

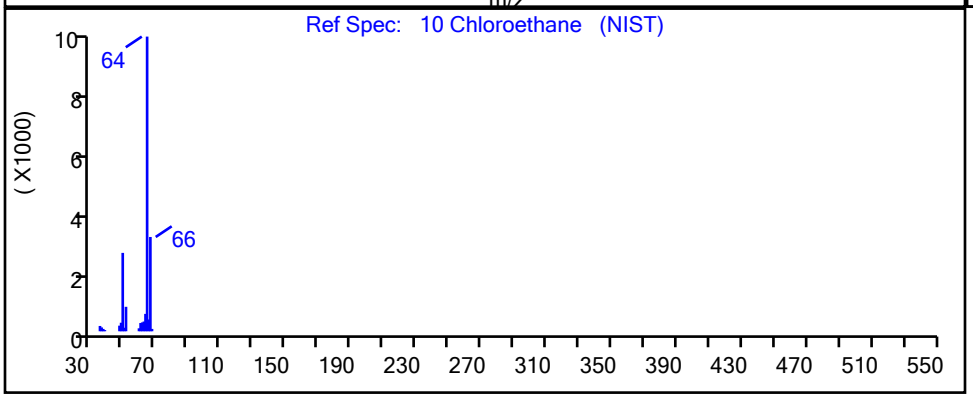
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.79 | 64.00 | 111754 | 24.457448 |
| 1.79 | 66.00 | 3229 | |

Reviewer: xuyvo, 30-Sep-2021 18:56:42

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

Report Date: 30-Sep-2021 18:57:53 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08345.D

Injection Date: 30-Sep-2021 17:24:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-8 Lab Sample ID: 460-243332-8

Client ID: MW-71

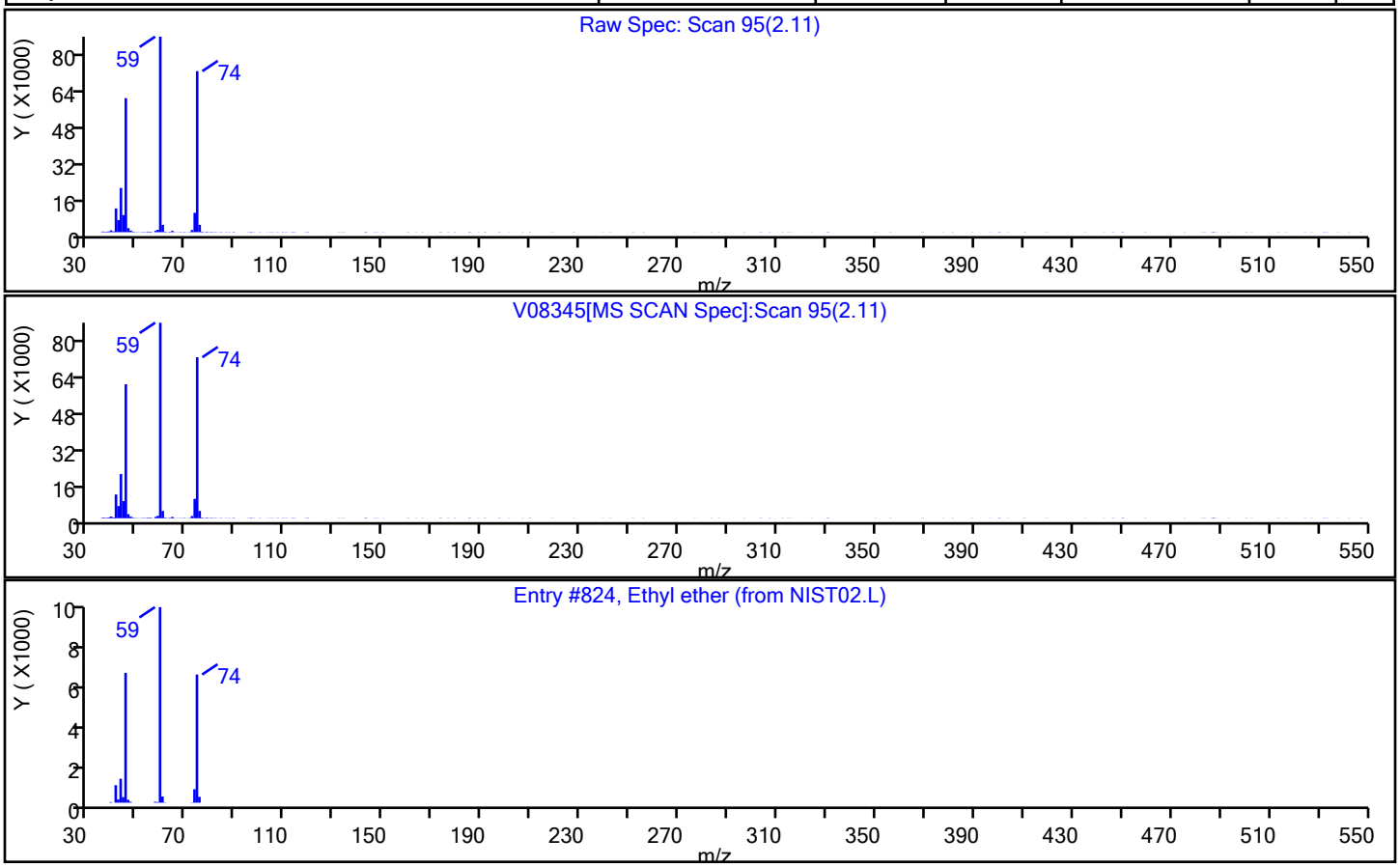
Operator ID: ALS Bottle#: 77 Worklist Smp#: 28

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D 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.: 460-243332-1

SDG No.:

Client Sample ID: MW-54  Lab Sample ID: 460-243332-9

Matrix: Water  Lab File ID: V08346.D

Analysis Method: 8260D  Date Collected: 09/21/2021 13:15

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 17:45

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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 | 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 | 7.4 |  | 1.0 | 0.25 |
| 108-88-3 | Toluene | 0.38 | U | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.24 | U | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.22 | 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.: 460-243332-1

SDG No.:

Client Sample ID: MW-54  Lab Sample ID: 460-243332-9

Matrix: Water  Lab File ID: V08346.D

Analysis Method: 8260D  Date Collected: 09/21/2021 13:15

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 17:45

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 92 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 105 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 107 | | 80-120 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID: MW-54  Lab Sample ID: 460-243332-9

Matrix: Water  Lab File ID: V08346.D

Analysis Method: 8260D  Date Collected: 09/21/2021 13:15

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 17:45

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804255  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\CVOAMS7\20210930-135296.b\V08346.D
Lims ID: 460-243332-B-9
Client ID: MW-54
Sample Type: Client
Inject. Date: 30-Sep-2021 17:45:30 ALS Bottle#: 78 Worklist Smp#: 29
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-243332-B-9
Misc. Info.: 460-0135296-029
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 18:58:41 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1670

First Level Reviewer: xuyvo Date: 30-Sep-2021 18:58:41

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 38706 | 1000.0 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.583 | 0.012 | 98 | 254127 | 250.0 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 95 | 175736 | 52.6 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.383 | 0.012 | 96 | 176476 | 50.2 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 587592 | 50.0 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.378 | 0.011 | 88 | 23642 | 1000.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 99 | 743125 | 53.6 | |
| 88 Tetrachloroethene | 166 | 7.172 | 7.172 | 0.000 | 94 | 46303 | 7.35 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 85 | 421129 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 182104 | 45.8 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 94 | 177764 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 30-Sep-2021 18:58:42 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08346.D

Injection Date: 30-Sep-2021 17:45:30 Instrument ID: CVOAMS7

Lims ID: 460-243332-B-9 Lab Sample ID: 460-243332-9

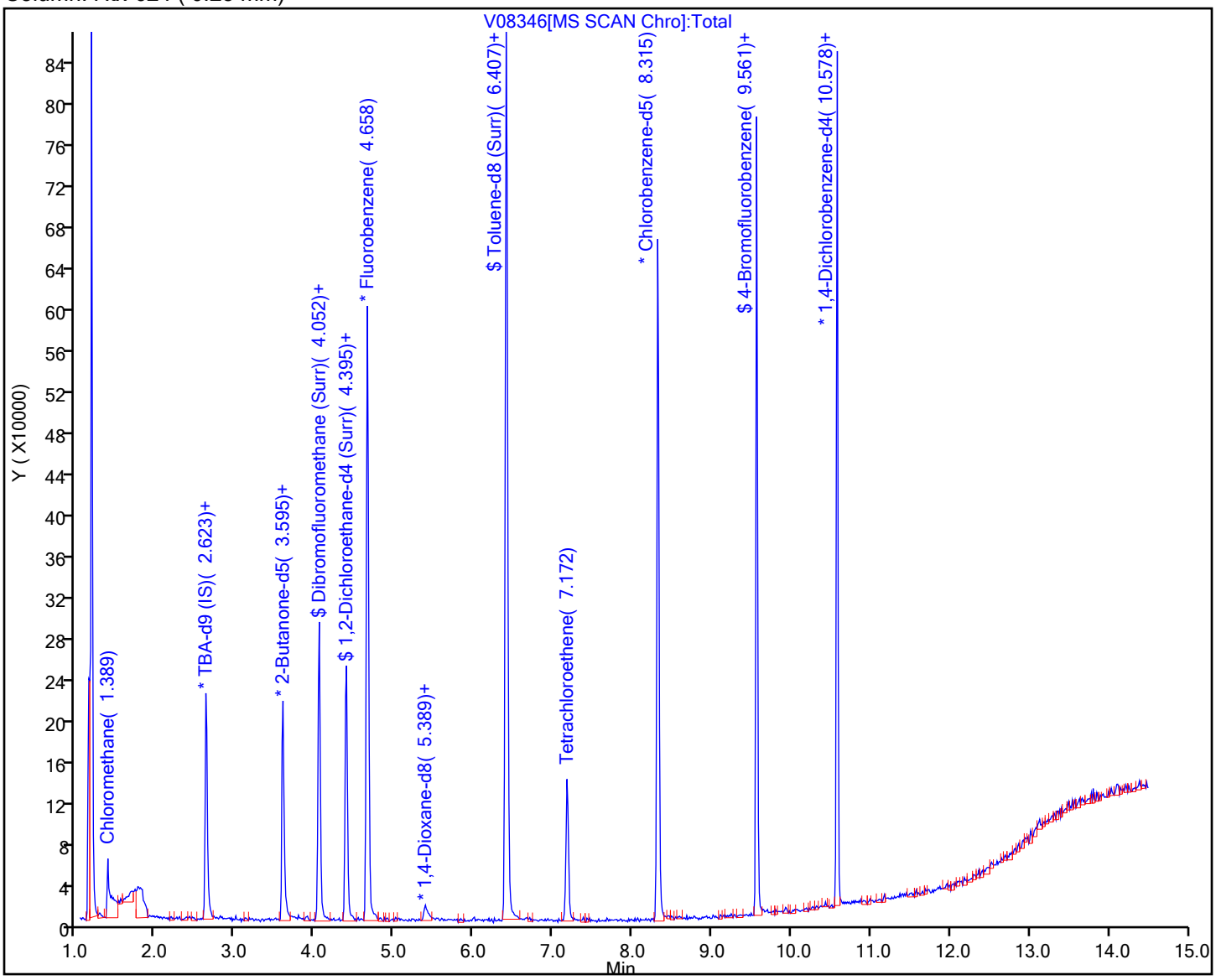
Client ID: MW-54

Operator ID: ALS Bottle#: 78 Worklist Smp#: 29

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

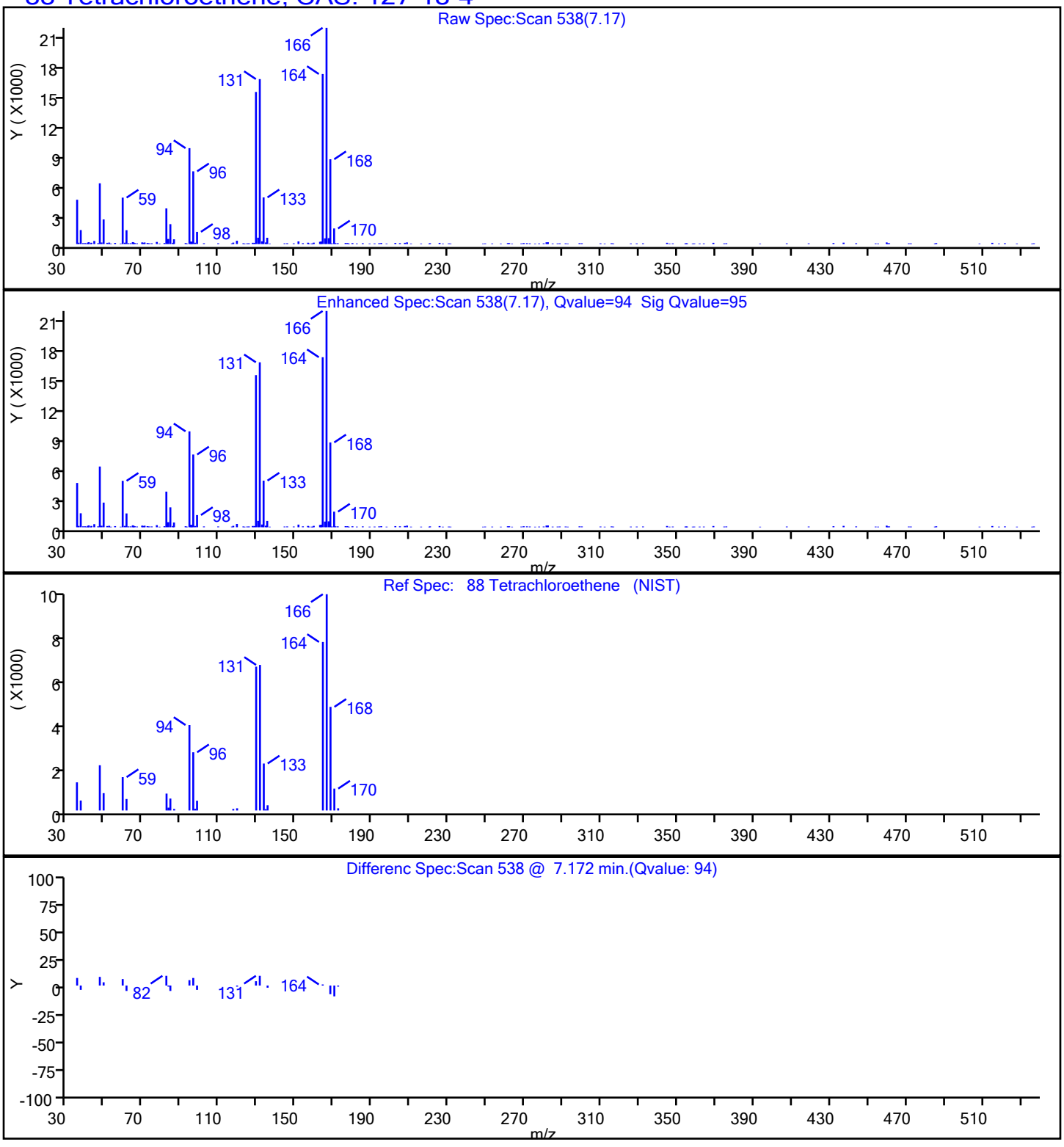
Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08346.D | | | | |
| Injection Date: | 30-Sep-2021 17:45:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-9 | Lab Sample ID: | 460-243332-9 | | |
| Client ID: | MW-54 | | | | |
| Operator ID: | | ALS Bottle#: | 78 | Worklist Smp#: | 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 88 Tetrachloroethene, CAS: 127-18-4



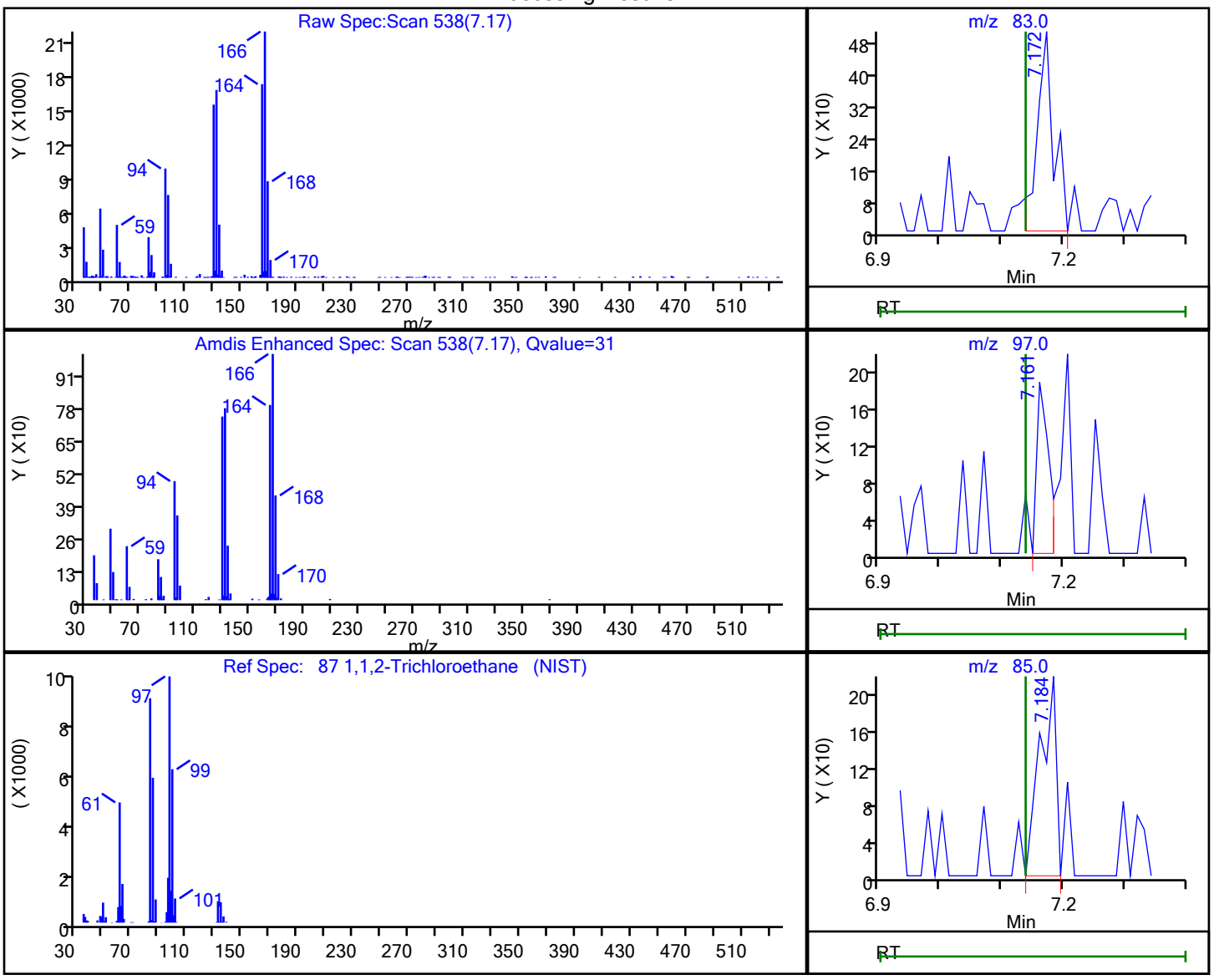
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08346.D | | | | |
| Injection Date: | 30-Sep-2021 17:45:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-9 | Lab Sample ID: | 460-243332-9 | | |
| Client ID: | MW-54 | | | | |
| Operator ID: | | ALS Bottle#: | 78 | Worklist Smp#: | 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.17 | 83.00 | 953 | 0.220196 |
| 7.16 | 97.00 | 259 | |
| 7.18 | 85.00 | 388 | |

Reviewer: xuyvo, 30-Sep-2021 18:58:28

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

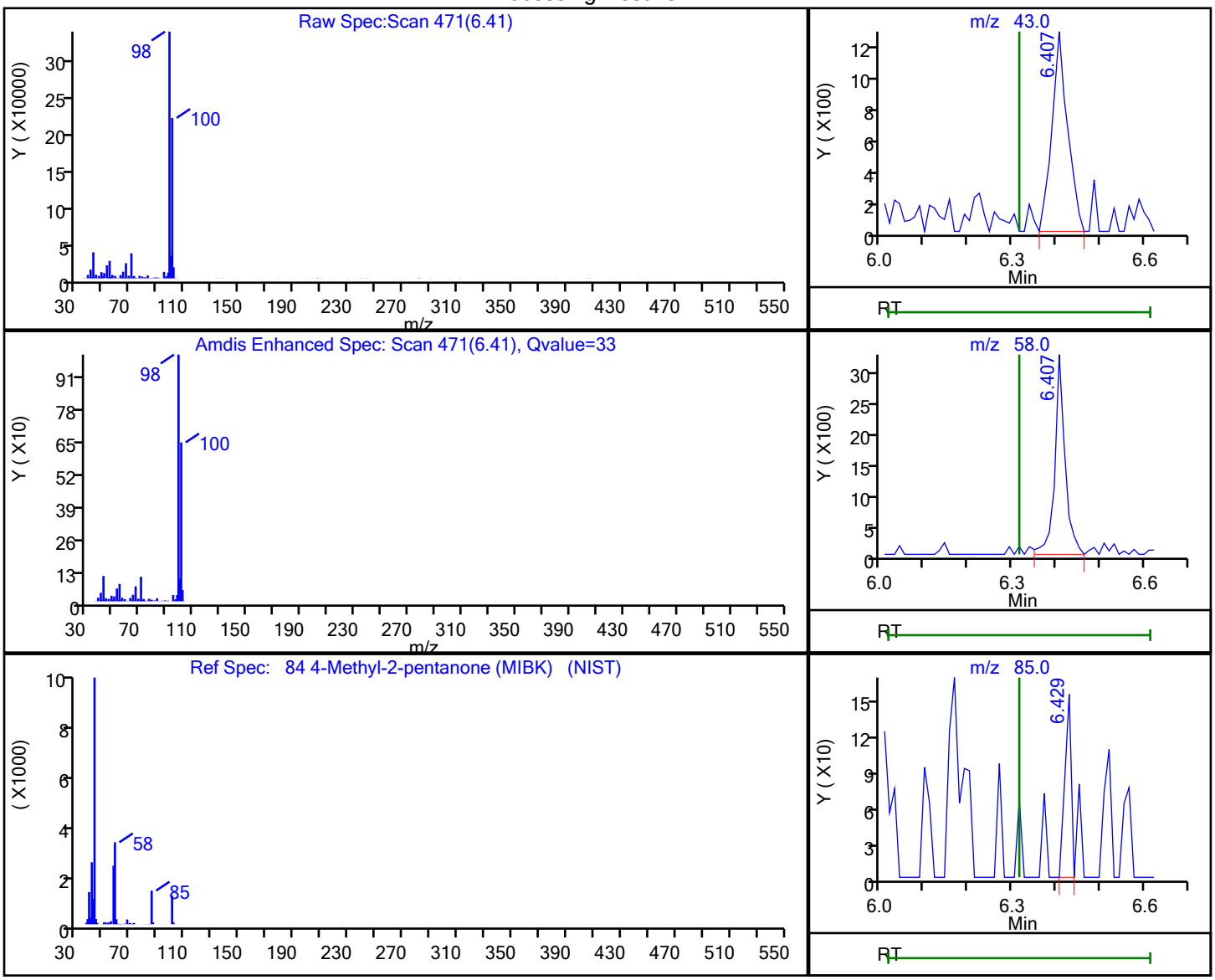
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08346.D | | | | |
| Injection Date: | 30-Sep-2021 17:45:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-9 | Lab Sample ID: | 460-243332-9 | | |
| Client ID: | MW-54 | | | | |
| Operator ID: | | ALS Bottle#: | 78 | Worklist Smp#: | 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.41 | 43.00 | 3219 | 0.731195 |
| 6.41 | 58.00 | 5302 | |
| 6.43 | 85.00 | 156 | |
| 6.41 | 100.00 | 480104 | |

Reviewer: xuyvo, 30-Sep-2021 18:58:26

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

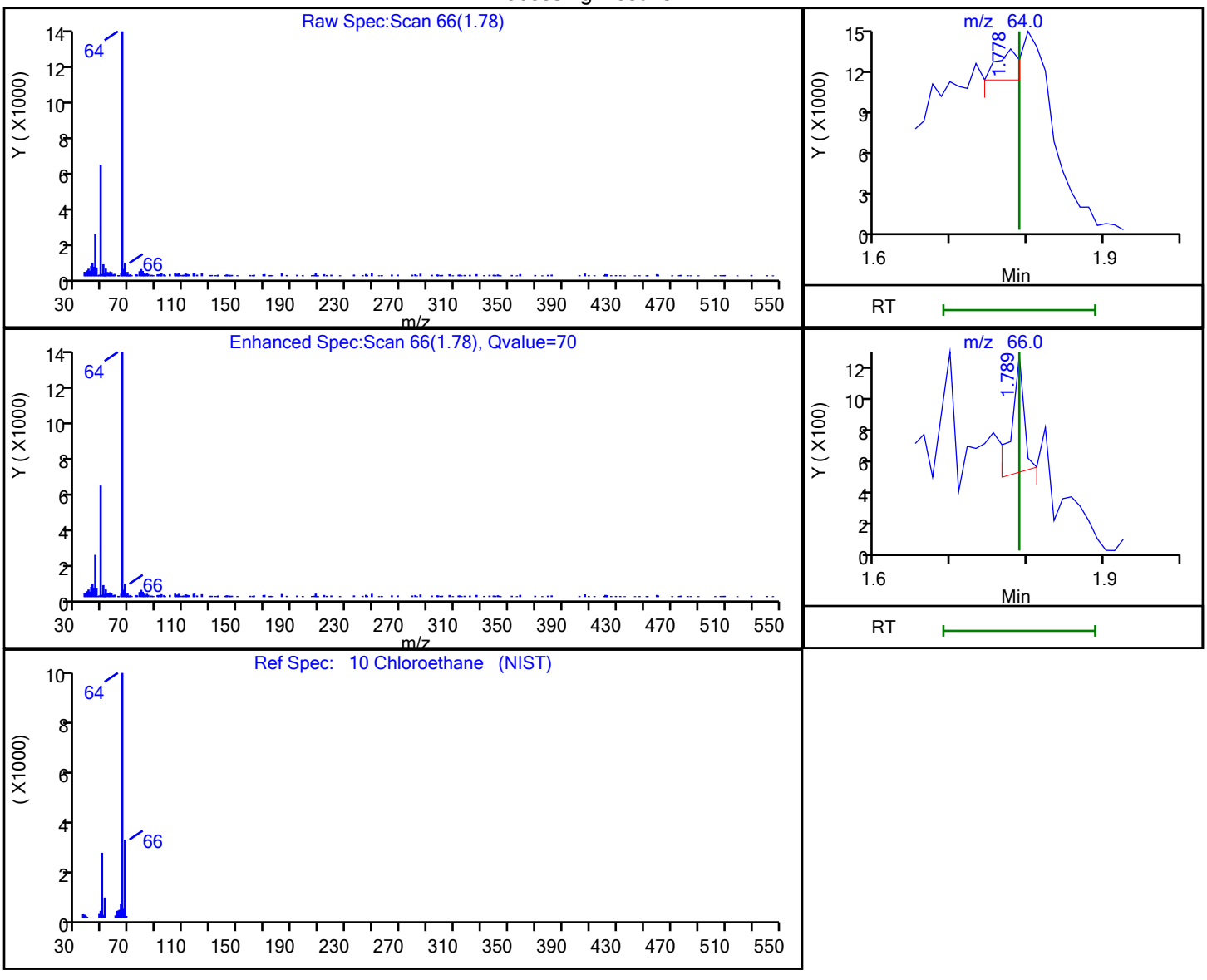
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08346.D | | | | |
| Injection Date: | 30-Sep-2021 17:45:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | 460-243332-B-9 | Lab Sample ID: | 460-243332-9 | | |
| Client ID: | MW-54 | | | | |
| Operator ID: | | ALS Bottle#: | 78 | Worklist Smp#: | 29 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 10 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.78 | 64.00 | 4183 | 0.898874 |
| 1.79 | 66.00 | 775 | |

Reviewer: xuyvo, 30-Sep-2021 18:58:13

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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD7 460-800842/3 | P93052.D |
| Level 2 | STD1 460-800842/4 | P93053.D |
| Level 3 | STD5 460-800842/5 | P93054.D |
| Level 4 | STD20 460-800842/6 | P93055.D |
| Level 5 | STD50 460-800842/7 | P93056.D |
| Level 6 | STD200 460-800842/8 | P93057.D |
| Level 7 | STD500 460-800842/9 | P93058.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlorotrifluoroethene | +++++<br>0.0954 | 0.0833<br>0.1080 | 0.1077 | 0.1019 | 0.0839 | Ave | | 0.0967 | | | | 11.5 | | 20.0 | | | |
| Dichlorodifluoromethane | +++++<br>0.3642 | 0.3102<br>0.3967 | 0.4131 | 0.3758 | 0.2924 | Ave | | 0.3587 | | | 0.1000 | 13.3 | | 20.0 | | | |
| Chlorodifluoromethane | +++++<br>0.4530 | 0.4700<br>0.4432 | 0.4956 | 0.4951 | 0.4544 | Ave | | 0.4686 | | | | 4.8 | | 20.0 | | | |
| Vinyl chloride | +++++<br>0.3657 | 0.3809<br>0.3697 | 0.3626 | 0.3686 | 0.3135 | Ave | | 0.3602 | | | 0.1000 | 6.6 | | 20.0 | | | |
| Butadiene | 0.3199<br>0.3457 | 0.3642<br>0.3584 | 0.3697 | 0.3423 | 0.2788 | Ave | | 0.3398 | | | | 9.3 | | 20.0 | | | |
| Chloromethane | +++++<br>0.4385 | 0.3682<br>0.4365 | 0.3940 | 0.3920 | 0.3466 | Ave | | 0.3960 | | | 0.1000 | 9.2 | | 20.0 | | | |
| Bromomethane | +++++<br>3.0494 | 2.3681<br>3.0450 | 2.5542 | 2.6376 | 2.4878 | Ave | | 2.6904 | | | 0.1000 | 10.8 | | 20.0 | | | |
| Chloroethane | +++++<br>0.1408 | 0.1930<br>+++++ | 0.1958 | 0.1855 | 0.1319 | Ave | | 0.1694 | | | 0.1000 | 18.0 | | 20.0 | | | |
| Pentane | +++++<br>2.9549 | 3.0331<br>2.2710 | 3.6234 | 3.9156 | 2.6792 | Ave | | 3.0795 | | | | 19.6 | | 20.0 | | | |
| Trichlorofluoromethane | +++++<br>0.3999 | 0.4035<br>0.3623 | 0.4395 | 0.4245 | 0.3447 | Ave | | 0.3957 | | | 0.1000 | 9.1 | | 20.0 | | | |
| Dichlorofluoromethane | +++++<br>0.4295 | 0.3718<br>0.3549 | 0.4034 | 0.4252 | 0.3656 | Ave | | 0.3917 | | | | 8.2 | | 20.0 | | | |
| 2-Methyl-1,3-butadiene | +++++<br>0.4799 | 0.5122<br>0.5037 | 0.5236 | 0.4993 | 0.4470 | Ave | | 0.4943 | | | | 5.5 | | 20.0 | | | |
| Ethyl ether | +++++<br>0.2192 | 0.2239<br>0.2120 | 0.2040 | 0.2057 | 0.2035 | Ave | | 0.2114 | | | | 4.1 | | 20.0 | | | |

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1-Dichloroethene | +++++<br>0.2637 | 0.2400<br>0.2729 | 0.2576 | 0.2441 | 0.2238 | Ave | | 0.2504 | | | 0.1000 | 7.1 | | 20.0 | | | |
| 1,2-Dichloro-1,1,2-trifluoroethane | +++++<br>0.1111 | 0.0854<br>0.1046 | 0.1211 | 0.1072 | 0.0957 | Ave | | 0.1042 | | | | 11.9 | | 20.0 | | | |
| Ethanol | +++++<br>0.0859 | 0.0994<br>+++++ | 0.1219 | 0.0834 | 0.0823 | Ave | | 0.0946 | | | | 17.7 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroeth ane | +++++<br>0.2332 | 0.2103<br>0.2614 | 0.2594 | 0.2419 | 0.1925 | Ave | | 0.2331 | | | 0.1000 | 11.7 | | 20.0 | | | |
| Carbon disulfide | +++++<br>1.0049 | 1.0706<br>1.0381 | 0.9760 | 0.9648 | 0.9122 | Ave | | 0.9944 | | | 0.1000 | 5.6 | | 20.0 | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | +++++<br>0.3916 | 0.4425<br>0.4176 | 0.4037 | 0.4013 | 0.3613 | Ave | | 0.4030 | | | | 6.7 | | 20.0 | | | |
| Iodomethane | +++++<br>0.3001 | 0.1966<br>0.3289 | 0.1840 | 0.2065 | 0.2268 | Qua2 | -0.018 | 0.2098 | 0.0002676 | | | | | | 0.9930 | | 0.9900 |
| Cyclopentene | +++++<br>0.5937 | 0.5869<br>0.6771 | 0.6727 | 0.6447 | 0.5783 | Ave | | 0.6256 | | | | 7.1 | | 20.0 | | | |
| Acrolein | +++++<br>1.0830 | 0.9050<br>1.2490 | 1.1449 | 1.1415 | 1.1715 | Ave | | 1.1158 | | | | 10.4 | | 20.0 | | | |
| 3-Chloro-1-propene | +++++<br>0.1640 | 0.1568<br>0.1708 | 0.1590 | 0.1592 | 0.1585 | Ave | | 0.1614 | | | | 3.2 | | 20.0 | | | |
| Isopropyl alcohol | +++++<br>0.7569 | 0.9252<br>0.6725 | 0.7337 | 0.7726 | 0.7430 | Ave | | 0.7673 | | | | 11.0 | | 20.0 | | | |
| Methylene Chloride | +++++<br>0.3001 | 0.3443<br>0.3145 | 0.3202 | 0.3015 | 0.2952 | Ave | | 0.3126 | | | 0.1000 | 5.8 | | 20.0 | | | |
| Acetone | +++++<br>0.5741 | 0.7895<br>0.5720 | 0.6554 | 0.6169 | 0.6165 | Ave | | 0.6374 | | | 0.0500 | 12.7 | | 20.0 | | | |
| trans-1,2-Dichloroethene | +++++<br>0.2861 | 0.2716<br>0.3067 | 0.2860 | 0.2709 | 0.2690 | Ave | | 0.2817 | | | 0.1000 | 5.1 | | 20.0 | | | |
| Methyl acetate | +++++<br>11.231 | 6.8967<br>9.3207 | 7.8570 | 8.6824 | 9.7574 | Ave | | 8.9575 | | | 0.1000 | 16.9 | | 20.0 | | | |
| Hexane | +++++<br>0.0718 | 0.0715<br>0.0882 | 0.0732 | 0.0704 | 0.0613 | Ave | | 0.0727 | | | | 11.9 | | 20.0 | | | |
| Methyl tert-butyl ether | +++++<br>0.7126 | 0.7311<br>0.7158 | 0.6785 | 0.6612 | 0.6756 | Ave | | 0.6958 | | | 0.1000 | 4.0 | | 20.0 | | | |
| 2-Methyl-2-propanol | +++++<br>1.1986 | 1.9125<br>1.1504 | 1.3725 | 1.3421 | 1.2362 | Lin2 | 6.9934 | 1.2199 | | | | | | | 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Acetonitrile | +++++<br>1.7455 | 1.8429<br>1.5950 | 1.5773 | 1.7347 | 1.6329 | Ave | | 1.6881 | | | | 6.1 | | 20.0 | | | |
| Isopropyl ether | +++++<br>0.8868 | 0.9248<br>0.8605 | 0.9014 | 0.8787 | 0.8673 | Ave | | 0.8866 | | | | 2.7 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | +++++<br>0.2552 | 0.2300<br>0.2613 | 0.2441 | 0.2453 | 0.2407 | Ave | | 0.2461 | | | | 4.5 | | 20.0 | | | |
| 1,1-Dichloroethane | +++++<br>0.5245 | 0.5384<br>0.5378 | 0.5127 | 0.5061 | 0.5001 | Ave | | 0.5199 | | | 0.2000 | 3.1 | | 20.0 | | | |
| Acrylonitrile | 0.0199<br>0.0806 | 0.0685<br>0.0818 | 0.0681 | 0.0687 | 0.0794 | Lin2 | -0.113 | 0.0769 | | | | | | | 0.9950 | | 0.9900 |
| Tert-butyl ethyl ether | +++++<br>0.8486 | 0.9026<br>0.8056 | 0.8460 | 0.8168 | 0.8259 | Ave | | 0.8409 | | | | 4.1 | | 20.0 | | | |
| Vinyl acetate | +++++<br>0.5636 | 0.4708<br>0.5316 | 0.4688 | 0.5250 | 0.5431 | Ave | | 0.5172 | | | | 7.5 | | 20.0 | | | |
| cis-1,2-Dichloroethene | +++++<br>0.3239 | 0.2915<br>0.3266 | 0.2961 | 0.2925 | 0.2899 | Ave | | 0.3034 | | | 0.1000 | 5.6 | | 20.0 | | | |
| 2,2-Dichloropropane | +++++<br>0.0911 | 0.0887<br>0.0882 | 0.0996 | 0.0860 | 0.0814 | Ave | | 0.0892 | | | | 6.8 | | 20.0 | | | |
| Cyclohexane | +++++<br>0.4457 | 0.3981<br>0.4794 | 0.4781 | 0.4408 | 0.3718 | Ave | | 0.4356 | | | 0.1000 | 9.9 | | 20.0 | | | |
| Chlorobromomethane | +++++<br>0.1509 | 0.1422<br>0.1474 | 0.1328 | 0.1328 | 0.1333 | Ave | | 0.1399 | | | | 5.8 | | 20.0 | | | |
| Chloroform | +++++<br>0.5050 | 0.4854<br>0.5113 | 0.4909 | 0.4814 | 0.4662 | Ave | | 0.4900 | | | 0.2000 | 3.3 | | 20.0 | | | |
| Carbon tetrachloride | +++++<br>0.3439 | 0.3741<br>0.3640 | 0.3667 | 0.3340 | 0.3179 | Ave | | 0.3501 | | | 0.1000 | 6.2 | | 20.0 | | | |
| Ethyl acetate | +++++<br>0.3674 | 0.4608<br>0.3724 | 0.3618 | 0.3404 | 0.3563 | Ave | | 0.3765 | | | | 11.4 | | 20.0 | | | |
| Methyl acrylate | +++++<br>0.1890 | 0.1961<br>0.1831 | 0.1711 | 0.1764 | 0.1718 | Ave | | 0.1813 | | | | 5.5 | | 20.0 | | | |
| Tetrahydrofuran | +++++<br>1.0925 | 1.1175<br>1.1184 | 1.0080 | 0.9802 | 1.0253 | Ave | | 1.0570 | | | | 5.7 | | 20.0 | | | |
| 1,1,1-Trichloroethane | +++++<br>0.4299 | 0.4554<br>0.4361 | 0.4406 | 0.4183 | 0.4063 | Ave | | 0.4311 | | | 0.1000 | 4.0 | | 20.0 | | | |
| 2-Butanone | +++++<br>0.3647 | 0.4531<br>0.3660 | 0.4063 | 0.3589 | 0.3607 | Ave | | 0.3849 | | | 0.0500 | 9.8 | | 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1-Dichloropropene | +++++<br>0.1418 | 0.1624<br>0.1451 | 0.1508 | 0.1360 | 0.1292 | Ave | | 0.1442 | | | | 8.0 | | 20.0 | | | |
| Isooctane | +++++<br>0.6153 | 0.5248<br>0.6496 | 0.7102 | 0.6576 | 0.5554 | Ave | | 0.6188 | | | | 11.1 | | 20.0 | | | |
| Benzene | +++++<br>1.7054 | 1.6701<br>1.6412 | 1.6608 | 1.7453 | 1.6975 | Ave | | 1.6867 | | | 0.5000 | 2.2 | | 20.0 | | | |
| n-Heptane | +++++<br>0.1530 | 0.1533<br>0.1674 | 0.1814 | 0.1558 | 0.1389 | Ave | | 0.1583 | | | | 9.2 | | 20.0 | | | |
| Propionitrile | +++++<br>2.3146 | 1.5579<br>2.1471 | 1.6455 | 1.8820 | 2.0018 | Ave | | 1.9248 | | | | 15.1 | | 20.0 | | | |
| Methacrylonitrile | +++++<br>0.0935 | 0.0730<br>0.0893 | 0.0745 | 0.0760 | 0.0830 | Ave | | 0.0816 | | | | 10.4 | | 20.0 | | | |
| Tert-amyl methyl ether | +++++<br>0.7464 | 0.7391<br>0.7113 | 0.7239 | 0.6964 | 0.7081 | Ave | | 0.7209 | | | | 2.7 | | 20.0 | | | |
| 1,2-Dichloroethane | +++++<br>0.3426 | 0.3825<br>0.3405 | 0.3455 | 0.3257 | 0.3230 | Ave | | 0.3433 | | | 0.1000 | 6.2 | | 20.0 | | | |
| Isobutyl alcohol | +++++<br>0.5533 | 0.4669<br>0.5243 | 0.5110 | 0.5878 | 0.5452 | Ave | | 0.5314 | | | | 7.8 | | 20.0 | | | |
| Isopropyl acetate | +++++<br>0.3967 | 0.3745<br>0.3589 | 0.4030 | 0.3769 | 0.3823 | Ave | | 0.3821 | | | | 4.2 | | 20.0 | | | |
| Methylcyclohexane | +++++<br>0.4056 | 0.3590<br>0.4618 | 0.4527 | 0.4286 | 0.3590 | Ave | | 0.4111 | | | 0.1000 | 10.9 | | 20.0 | | | |
| Trichloroethene | +++++<br>0.3002 | 0.2943<br>0.3115 | 0.2793 | 0.2795 | 0.2830 | Ave | | 0.2913 | | | 0.2000 | 4.5 | | 20.0 | | | |
| Dibromomethane | +++++<br>0.1650 | 0.1722<br>0.1681 | 0.1430 | 0.1470 | 0.1536 | Ave | | 0.1582 | | | | 7.6 | | 20.0 | | | |
| n-Butanol | +++++<br>0.3939 | 0.0448<br>0.3633 | 0.2645 | 0.3470 | 0.3540 | Lin2 | -8.149 | 0.3640 | | | | | | | 0.9960 | | 0.9900 |
| 1,2-Dichloropropane | +++++<br>0.3102 | 0.3277<br>0.3073 | 0.2924 | 0.2787 | 0.2878 | Ave | | 0.3007 | | | 0.1000 | 5.9 | | 20.0 | | | |
| Bromodichloromethane | +++++<br>0.4035 | 0.3091<br>0.3912 | 0.3621 | 0.3552 | 0.3601 | Ave | | 0.3635 | | | 0.2000 | 9.1 | | 20.0 | | | |
| Ethyl acrylate | +++++<br>0.2731 | +++++<br>0.2532 | 0.2350 | 0.2242 | 0.2394 | Ave | | 0.2450 | | | | 7.7 | | 20.0 | | | |
| Methyl methacrylate | +++++<br>0.0597 | 0.0530<br>0.0553 | 0.0539 | 0.0545 | 0.0541 | Ave | | 0.0551 | | | | 4.4 | | 20.0 | | | |

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,4-Dioxane | +++++<br>1.2537 | 1.4784<br>1.2478 | 1.2665 | 1.1408 | 1.1546 | Ave | | 1.2570 | | | | 9.6 | | 20.0 | | | |
| n-Propyl acetate | +++++<br>0.2680 | 0.2146<br>0.2443 | 0.2374 | 0.2396 | 0.2465 | Ave | | 0.2417 | | | | 7.1 | | 20.0 | | | |
| 2-Chloroethyl vinyl ether | +++++<br>0.1559 | 0.0993<br>0.1553 | 0.1396 | 0.1367 | 0.1401 | Ave | | 0.1378 | | | | 15.0 | | 20.0 | | | |
| cis-1,3-Dichloropropene | +++++<br>0.6875 | 0.6404<br>0.6784 | 0.6289 | 0.6834 | 0.6674 | Ave | | 0.6643 | | | 0.2000 | 3.6 | | 20.0 | | | |
| Toluene | +++++<br>1.7066 | 1.7175<br>1.6819 | 1.6404 | 1.7209 | 1.6348 | Ave | | 1.6837 | | | 0.4000 | 2.3 | | 20.0 | | | |
| Epichlorohydrin | 0.0664<br>0.2535 | 0.1472<br>0.2471 | 0.2187 | 0.2418 | 0.2339 | Lin2 | -0.898 | 0.2351 | | | | | | | 0.9910 | | 0.9900 |
| 2-Nitropropane | +++++<br>0.0524 | 0.0598<br>0.0484 | 0.0524 | 0.0458 | 0.0451 | Ave | | 0.0507 | | | | 10.8 | | 20.0 | | | |
| Tetrachloroethene | +++++<br>0.3918 | 0.4392<br>0.3802 | 0.4103 | 0.4028 | 0.3861 | Ave | | 0.4017 | | | 0.2000 | 5.3 | | 20.0 | | | |
| 4-Methyl-2-pentanone | +++++<br>2.4345 | 2.3744<br>2.3516 | 2.4439 | 2.3612 | 2.3909 | Ave | | 2.3928 | | | 0.0500 | 1.6 | | 20.0 | | | |
| trans-1,3-Dichloropropene | +++++<br>0.5938 | 0.5235<br>0.5695 | 0.4905 | 0.5563 | 0.5691 | Ave | | 0.5505 | | | 0.1000 | 6.8 | | 20.0 | | | |
| 1,1,2-Trichloroethane | +++++<br>0.2723 | 0.2463<br>0.2588 | 0.2683 | 0.2704 | 0.2658 | Ave | | 0.2636 | | | 0.1000 | 3.7 | | 20.0 | | | |
| Ethyl methacrylate | +++++<br>0.2615 | 0.1713<br>0.2589 | 0.2092 | 0.2281 | 0.2471 | Ave | | 0.2293 | | | | 15.1 | | 20.0 | | | |
| Dibromochloromethane | +++++<br>0.3644 | 0.3698<br>0.3553 | 0.3565 | 0.3601 | 0.3583 | Ave | | 0.3607 | | | 0.1000 | 1.5 | | 20.0 | | | |
| 1,3-Dichloropropane | +++++<br>0.5572 | 0.5810<br>0.5353 | 0.5678 | 0.5647 | 0.5486 | Ave | | 0.5591 | | | | 2.9 | | 20.0 | | | |
| Ethylene Dibromide | +++++<br>0.3208 | 0.2669<br>0.3054 | 0.3043 | 0.3276 | 0.3167 | Ave | | 0.3069 | | | 0.1000 | 7.0 | | 20.0 | | | |
| n-Butyl acetate | +++++<br>0.3693 | 0.2703<br>0.3500 | 0.3294 | 0.3287 | 0.3511 | Ave | | 0.3332 | | | | 10.3 | | 20.0 | | | |
| 2-Hexanone | +++++<br>1.6508 | 1.4457<br>1.5531 | 1.7374 | 1.5747 | 1.6424 | Ave | | 1.6007 | | | 0.0500 | 6.2 | | 20.0 | | | |
| Chlorobenzene | +++++<br>1.0565 | 1.1057<br>1.0419 | 1.0520 | 1.0430 | 1.0285 | Ave | | 1.0546 | | | 0.5000 | 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Ethylbenzene | +++++<br>0.5695 | 0.6347<br>0.5552 | 0.5360 | 0.5567 | 0.5404 | Ave | | 0.5654 | | | 0.1000 | 6.4 | | 20.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++<br>0.4030 | 0.3925<br>0.3759 | 0.3956 | 0.3868 | 0.3856 | Ave | | 0.3899 | | | | 2.4 | | 20.0 | | | |
| m-Xylene & p-Xylene | +++++<br>0.6813 | 0.6744<br>0.6604 | 0.6810 | 0.7273 | 0.6848 | Ave | | 0.6849 | | | 0.1000 | 3.3 | | 20.0 | | | |
| o-Xylene | +++++<br>0.6666 | 0.6804<br>0.6269 | 0.6718 | 0.7317 | 0.6756 | Ave | | 0.6755 | | | 0.3000 | 5.0 | | 20.0 | | | |
| Bromoform | +++++<br>0.2419 | 0.1983<br>0.2271 | 0.2143 | 0.2332 | 0.2319 | Ave | | 0.2245 | | | 0.1000 | 7.0 | | 20.0 | | | |
| Styrene | +++++<br>1.2008 | 1.0129<br>1.1246 | 1.1171 | 1.2716 | 1.1814 | Ave | | 1.1514 | | | 0.3000 | 7.7 | | 20.0 | | | |
| n-Butyl acrylate | +++++<br>0.2508 | 0.1992<br>0.2249 | 0.2199 | 0.2541 | 0.2438 | Ave | | 0.2321 | | | | 9.1 | | 20.0 | | | |
| Isopropylbenzene | +++++<br>1.6869 | 1.7380<br>1.6054 | 1.8025 | 1.8957 | 1.7162 | Ave | | 1.7408 | | | 0.1000 | 5.7 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | +++++<br>0.9751 | 0.9619<br>0.9164 | 0.9669 | 0.9181 | 0.9249 | Ave | | 0.9439 | | | | 2.8 | | 20.0 | | | |
| Bromobenzene | +++++<br>0.8424 | 0.8100<br>0.8461 | 0.8491 | 0.8084 | 0.7869 | Ave | | 0.8238 | | | | 3.1 | | 20.0 | | | |
| N-Propylbenzene | +++++<br>3.8695 | 3.6993<br>3.7886 | 3.7778 | 3.8036 | 3.6488 | Ave | | 3.7646 | | | | 2.1 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++<br>0.7442 | 0.7955<br>0.7304 | 0.6510 | 0.6598 | 0.6569 | Ave | | 0.7063 | | | 0.3000 | 8.4 | | 20.0 | | | |
| 2-Chlorotoluene | +++++<br>2.7491 | 2.5411<br>2.7498 | 2.6500 | 2.6414 | 2.5499 | Ave | | 2.6469 | | | | 3.4 | | 20.0 | | | |
| 4-Ethyltoluene | +++++<br>3.3106 | 3.1391<br>3.2303 | 3.1210 | 3.1909 | 3.0361 | Ave | | 3.1713 | | | | 3.0 | | 20.0 | | | |
| 1,2,3-Trichloropropane | +++++<br>0.1942 | 0.2488<br>0.1894 | 0.2086 | 0.1849 | 0.1763 | Ave | | 0.2004 | | | | 13.0 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | +++++<br>2.7259 | 2.7434<br>2.6094 | 2.6716 | 2.6847 | 2.5649 | Ave | | 2.6666 | | | | 2.6 | | 20.0 | | | |
| trans-1,4-Dichloro-2-butene | +++++<br>0.1991 | +++++<br>0.1988 | 0.1856 | 0.1648 | 0.1752 | Ave | | 0.1847 | | | | 8.1 | | 20.0 | | | |
| 4-Chlorotoluene | +++++<br>2.4959 | 2.2795<br>2.4052 | 2.3665 | 2.4421 | 2.3696 | Ave | | 2.3931 | | | | 3.1 | | 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| tert-Butylbenzene | +++++<br>2.2692 | 2.3570<br>2.0920 | 2.2191 | 2.1862 | 2.0770 | Ave | | 2.2001 | | | | 4.8 | | 20.0 | | | |
| 1,2,4-Trimethylbenzene | +++++<br>2.9743 | 2.7818<br>2.7448 | 2.6807 | 2.7230 | 2.6587 | Ave | | 2.7605 | | | | 4.1 | | 20.0 | | | |
| Butyl Methacrylate | +++++<br>1.0742 | 0.9710<br>0.9606 | 0.9194 | 0.9242 | 0.9172 | Ave | | 0.9611 | | | | 6.2 | | 20.0 | | | |
| sec-Butylbenzene | +++++<br>3.1965 | 3.3239<br>3.0166 | 3.2718 | 3.2544 | 3.0343 | Ave | | 3.1829 | | | | 4.0 | | 20.0 | | | |
| 1,3-Dichlorobenzene | +++++<br>1.5748 | 1.4700<br>1.5338 | 1.5373 | 1.5306 | 1.5173 | Ave | | 1.5273 | | | 0.6000 | 2.2 | | 20.0 | | | |
| 4-Isopropyltoluene | +++++<br>2.7685 | 2.8803<br>2.7213 | 2.8797 | 2.8469 | 2.6596 | Ave | | 2.7927 | | | | 3.3 | | 20.0 | | | |
| 1,4-Dichlorobenzene | +++++<br>1.6023 | 1.6614<br>1.5818 | 1.6274 | 1.5905 | 1.6164 | Ave | | 1.6133 | | | 0.5000 | 1.8 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | +++++<br>2.9075 | 2.8477<br>2.7844 | 2.8916 | 2.9264 | 2.9587 | Ave | | 2.8860 | | | | 2.1 | | 20.0 | | | |
| Indan | +++++<br>2.8075 | 3.0003<br>2.8213 | 2.8016 | 2.7871 | 2.8466 | Ave | | 2.8441 | | | | 2.8 | | 20.0 | | | |
| Benzyl chloride | +++++<br>0.3375 | 0.3235<br>0.3270 | 0.2987 | 0.3152 | 0.3327 | Ave | | 0.3224 | | | | 4.3 | | 20.0 | | | |
| p-Diethylbenzene | +++++<br>1.4057 | 1.3907<br>1.3786 | 1.4357 | 1.4258 | 1.4333 | Ave | | 1.4116 | | | | 1.7 | | 20.0 | | | |
| n-Butylbenzene | +++++<br>2.5012 | 2.8018<br>2.3913 | 2.6514 | 2.6071 | 2.5527 | Ave | | 2.5842 | | | | 5.4 | | 20.0 | | | |
| 1,2-Dichlorobenzene | +++++<br>1.4565 | 1.2971<br>1.4075 | 1.4571 | 1.4433 | 1.4600 | Ave | | 1.4202 | | | 0.4000 | 4.5 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | +++++<br>2.6967 | 2.6927<br>2.4781 | 2.7217 | 2.6459 | 2.6924 | Ave | | 2.6546 | | | | 3.4 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | +++++<br>0.1424 | 0.1222<br>0.1325 | 0.1251 | 0.1247 | 0.1349 | Ave | | 0.1303 | | | 0.0500 | 5.9 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | +++++<br>1.0897 | 0.9196<br>0.9934 | 1.0749 | 1.0968 | 1.1095 | Ave | | 1.0473 | | | | 7.2 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>0.8831 | 0.9068<br>0.7880 | 0.9112 | 0.8968 | 0.9373 | Ave | | 0.8872 | | | 0.2000 | 5.8 | | 20.0 | | | |
| Hexachlorobutadiene | +++++<br>0.3379 | 0.3503<br>0.3144 | 0.3691 | 0.3587 | 0.3475 | Ave | | 0.3463 | | | | 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Naphthalene | +++++<br>1.8125 | 1.8329<br>1.5278 | 1.8078 | 1.7682 | 1.8712 | Ave | | 1.7701 | | | | 7.0 | | 20.0 | | | |
| 1,2,3-Trichlorobenzene | +++++<br>0.6275 | 0.6666<br>0.4906 | 0.6822 | 0.6406 | 0.6591 | Ave | | 0.6278 | | | | 11.1 | | 20.0 | | | |
| Dibromofluoromethane (Surr) | 0.2280<br>0.2403 | 0.2286<br>0.2493 | 0.2344 | 0.2254 | 0.2254 | Ave | | 0.2330 | | | | 3.8 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.2532<br>0.2603 | 0.2511<br>0.2783 | 0.2578 | 0.2511 | 0.2459 | Ave | | 0.2568 | | | | 4.1 | | 20.0 | | | |
| Toluene-d8 (Surr) | 1.2357<br>1.2759 | 1.2925<br>1.2636 | 1.2515 | 1.3212 | 1.2786 | Ave | | 1.2741 | | | | 2.2 | | 20.0 | | | |
| Bromofluorobenzene | 0.4124<br>0.3967 | 0.4110<br>0.3919 | 0.4097 | 0.4472 | 0.4169 | Ave | | 0.4122 | | | | 4.3 | | 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD7 460-800842/3 | P93052.D |
| Level 2 | STD1 460-800842/4 | P93053.D |
| Level 3 | STD5 460-800842/5 | P93054.D |
| Level 4 | STD20 460-800842/6 | P93055.D |
| Level 5 | STD50 460-800842/7 | P93056.D |
| Level 6 | STD200 460-800842/8 | P93057.D |
| Level 7 | STD500 460-800842/9 | P93058.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Chlorotrifluoroethene | FB | Ave | +++++ 202687 | 925 589886 | 5773 | 22149 | 44915 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Dichlorodifluoromethane | FB | Ave | +++++ 774118 | 3445 2167446 | 22145 | 81693 | 156555 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Chlorodifluoromethane | FB | Ave | +++++ 962886 | 5220 2421366 | 26572 | 107644 | 243238 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Vinyl chloride | FB | Ave | +++++ 777441 | 4230 2019955 | 19440 | 80148 | 167799 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Butadiene | FB | Ave | 859 734841 | 4045 1957833 | 19821 | 74414 | 149235 | 0.250 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Chloromethane | FB | Ave | +++++ 932082 | 4089 2384922 | 21125 | 85231 | 185549 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Bromomethane | BUT | Ave | +++++ 442864 | 1796 1114415 | 8993 | 35822 | 86575 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Chloroethane | FB | Ave | +++++ 299306 | 2143 +++++ | 10499 | 40336 | 70621 | +++++ 200 | 1.00 +++++ | 5.00 | 20.0 | 50.0 |
| Pentane | TBAd 9 | Ave | +++++ 167809 | 975 346505 | 5250 | 20335 | 37501 | +++++ 400 | 2.00 1000 | 10.0 | 40.0 | 100 |
| Trichlorofluoromethane | FB | Ave | +++++ 849947 | 4481 1979244 | 23562 | 92297 | 184514 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Dichlorofluoromethane | FB | Ave | +++++ 912938 | 4129 1938904 | 21625 | 92440 | 195721 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 2-Methyl-1,3-butadiene | FB | Ave | +++++ 1020156 | 5689 2752069 | 28070 | 108556 | 239314 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Ethyl ether | FB | Ave | +++++ 465938 | 2487 1158473 | 10938 | 44716 | 108947 | +++++ 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| 1,1-Dichloroethene | FB | Ave | +++++<br>560527 | 2666<br>1490973 | 13812 | 53062 | 119821 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | +++++<br>236204 | 948<br>571337 | 6491 | 23312 | 51244 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethanol | TBAd9 | Ave | +++++<br>97598 | 639<br>+++++ | 3532 | 8664 | 23026 | +++++<br>8000 | 40.0<br>+++++ | 200 | 800 | 2000 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | +++++<br>495716 | 2336<br>1428301 | 13909 | 52584 | 103053 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Carbon disulfide | FB | Ave | +++++<br>2135974 | 11890<br>5671225 | 52325 | 209751 | 488350 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1,1-Trifluoro-2,2-dichloroethane | FB | Ave | +++++<br>832296 | 4915<br>2281381 | 21640 | 87245 | 193411 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Iodomethane | FB | Qua2 | +++++<br>637911 | 2184<br>1796898 | 9865 | 44891 | 121426 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Cyclopentene | FB | Ave | +++++<br>1261918 | 6518<br>3699335 | 36066 | 140166 | 309560 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acrolein | TBAd9 | Ave | +++++<br>31183 | 590<br>77295 | 3364 | 6011 | 16627 | +++++<br>203 | 4.06<br>406 | 20.3 | 40.6 | 101 |
| 3-Chloro-1-propene | FB | Ave | +++++<br>348692 | 1742<br>933319 | 8523 | 34617 | 84870 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Isopropyl alcohol | TBAd9 | Ave | +++++<br>214933 | 1487<br>513086 | 5315 | 20063 | 51997 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Methylene Chloride | FB | Ave | +++++<br>637967 | 3824<br>1717973 | 17167 | 65549 | 158016 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acetone | BUT | Ave | +++++<br>416842 | 2994<br>1046745 | 11538 | 41894 | 107270 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 | 250 |
| trans-1,2-Dichloroethene | FB | Ave | +++++<br>608037 | 3016<br>1675641 | 15330 | 58894 | 144010 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Methyl acetate | TBAd9 | Ave | +++++ | 2217 | 11384 | 45091 | 136574 | +++++ | 2.00 | 10.0 | 40.0 | 100 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| | | | 637806 | 1422154 | | | | 400 | 1000 | | | |
| Hexane | FB | Ave | +++++<br>152654 | 794<br>481668 | 3926 | 15304 | 32824 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Methyl tert-butyl ether | FB | Ave | +++++<br>1514672 | 8120<br>3910588 | 36377 | 143759 | 361644 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Methyl-2-propanol | TBAd9 | Lin2 | +++++<br>340337 | 3074<br>877640 | 9943 | 34851 | 86517 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Acetonitrile | TBAd9 | Ave | +++++<br>495632 | 2962<br>1216838 | 11427 | 45045 | 114281 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Isopropyl ether | FB | Ave | +++++<br>1885039 | 10271<br>4701373 | 48323 | 191032 | 464270 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Chloro-1,3-butadiene | FB | Ave | +++++<br>542487 | 2554<br>1427772 | 13088 | 53335 | 128869 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1-Dichloroethane | FB | Ave | +++++<br>1114972 | 5980<br>2938258 | 27484 | 110030 | 267727 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acrylonitrile | FB | Lin2 | 428<br>1712421 | 7603<br>4466839 | 36510 | 149279 | 425130 | 2.00<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Tert-butyl ethyl ether | FB | Ave | +++++<br>1803847 | 10024<br>4401098 | 45354 | 177572 | 442141 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Vinyl acetate | FB | Ave | +++++<br>2396111 | 10457<br>5808967 | 50263 | 228292 | 581440 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| cis-1,2-Dichloroethene | FB | Ave | +++++<br>688427 | 3237<br>1784486 | 15874 | 63583 | 155176 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2,2-Dichloropropane | FB | Ave | +++++<br>193613 | 985<br>481694 | 5338 | 18696 | 43584 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Cyclohexane | FB | Ave | +++++<br>947292 | 4421<br>2618887 | 25630 | 95831 | 199057 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Chlorobromomethane | FB | Ave | +++++<br>320754 | 1579<br>805041 | 7122 | 28869 | 71354 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Chloroform | FB | Ave | +++++<br>1073421 | 5391<br>2793379 | 26317 | 104658 | 249576 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Carbon tetrachloride | FB | Ave | +++++<br>730961 | 4155<br>1988589 | 19661 | 72626 | 170190 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethyl acetate | BUT | Ave | +++++ | 699 | 2548 | 9246 | 24798 | +++++ | 2.00 | 10.0 | 40.0 | 100 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| 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 |
| | | | 106725 | 272590 | | | | 400 | 1000 | | | |
| Methyl acrylate | FB | Ave | +++++ 401706 | 2178 1000216 | 9174 | 38362 | 91950 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Tetrahydrofuran | BUT | Ave | +++++ 317327 | 1695 818639 | 7098 | 26626 | 71358 | +++++ 400 | 2.00 1000 | 10.0 | 40.0 | 100 |
| 1,1,1-Trichloroethane | FB | Ave | +++++ 913713 | 5058 2382288 | 23619 | 90940 | 217492 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 2-Butanone | BUT | Ave | +++++ 264804 | 1718 669684 | 7153 | 24369 | 62761 | +++++ 1000 | 5.00 2500 | 25.0 | 100 | 250 |
| 1,1-Dichloropropene | FB | Ave | +++++ 301368 | 1804 792572 | 8085 | 29564 | 69188 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Isooctane | FB | Ave | +++++ 1307869 | 5829 3548903 | 38073 | 142966 | 297294 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Benzene | CBNZ d5 | Ave | +++++ 2594668 | 12659 6646005 | 62300 | 249556 | 606586 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| n-Heptane | FB | Ave | +++++ 325186 | 1703 914322 | 9724 | 33873 | 74355 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Propionitrile | TBAd 9 | Ave | +++++ 657238 | 2504 1638049 | 11921 | 48870 | 140097 | +++++ 2000 | 10.0 5000 | 50.0 | 200 | 500 |
| Methacrylonitrile | FB | Ave | +++++ 1987580 | 8108 4877912 | 39956 | 165180 | 444511 | +++++ 2000 | 10.0 5000 | 50.0 | 200 | 500 |
| Tert-amyl methyl ether | FB | Ave | +++++ 1586596 | 8209 3886235 | 38810 | 151398 | 379040 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichloroethane | FB | Ave | +++++ 728240 | 4248 1860120 | 18521 | 70816 | 172893 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Isobutyl alcohol | TBAd 9 | Ave | +++++ 392759 | 1876 999952 | 9255 | 38159 | 95394 | +++++ 5000 | 25.0 12500 | 125 | 500 | 1250 |
| Isopropyl acetate | FB | Ave | +++++ 843328 | 4159 1960794 | 21604 | 81934 | 204680 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Methylcyclohexane | FB | Ave | +++++ 862165 | 3987 2523193 | 24271 | 93172 | 192185 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Trichloroethene | FB | Ave | +++++ 638207 | 3269 1701866 | 14976 | 60765 | 151509 | +++++ 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Dibromomethane | FB | Ave | +++++<br>350672 | 1913<br>918385 | 7667 | 31966 | 82238 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Butanol | TBAd9 | Lin2 | +++++<br>279617 | 180<br>692881 | 4791 | 22527 | 61928 | +++++<br>5000 | 25.0<br>12500 | 125 | 500 | 1250 |
| 1,2-Dichloropropane | FB | Ave | +++++<br>659421 | 3639<br>1678695 | 15676 | 60601 | 154090 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Bromodichloromethane | FB | Ave | +++++<br>857763 | 3433<br>2137418 | 19412 | 77226 | 192764 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethyl acrylate | FB | Ave | +++++<br>580411 | +++++<br>1383140 | 12597 | 48740 | 128170 | +++++<br>200 | +++++<br>500 | 5.00 | 20.0 | 50.0 |
| Methyl methacrylate | FB | Ave | +++++<br>253934 | 1177<br>603918 | 5776 | 23696 | 57916 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| 1,4-Dioxane | DXE | Ave | +++++<br>100652 | 1533<br>244039 | 2340 | 8924 | 22822 | +++++<br>4000 | 50.0<br>10000 | 100 | 400 | 1000 |
| n-Propyl acetate | FB | Ave | +++++<br>569690 | 2383<br>1334579 | 12728 | 52095 | 131953 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Chloroethyl vinyl ether | FB | Ave | +++++<br>332206 | 1106<br>850640 | 7503 | 29799 | 75155 | +++++<br>200 | 1.00<br>501 | 5.01 | 20.0 | 50.1 |
| cis-1,3-Dichloropropene | CBNZd5 | Ave | +++++<br>1046045 | 4854<br>2747085 | 23591 | 97709 | 238477 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Toluene | CBNZd5 | Ave | +++++<br>2596452 | 13018<br>6810826 | 61533 | 246064 | 584160 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Epichlorohydrin | BUT | Lin2 | 263<br>736229 | 2232<br>1808957 | 15401 | 65681 | 162761 | 5.00<br>4000 | 20.0<br>10000 | 100 | 400 | 1000 |
| 2-Nitropropane | FB | Ave | +++++<br>222644 | 1329<br>529381 | 5614 | 19930 | 48266 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| Tetrachloroethene | CBNZd5 | Ave | +++++<br>596060 | 3329<br>1539786 | 15392 | 57588 | 137954 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 4-Methyl-2-pentanone | BUT | Ave | +++++<br>1767791 | 9004<br>4303192 | 43023 | 160345 | 416006 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 | 250 |
| trans-1,3-Dichloropropene | CBNZd5 | Ave | +++++ | 3968 | 18399 | 79548 | 203365 | +++++ | 1.00 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| | | | 903485 | 2306313 | | | | 200 | 500 | | | |
| 1,1,2-Trichloroethane | CBNZ d5 | Ave | +++++<br>414247 | 1867<br>1047995 | 10065 | 38658 | 94985 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethyl methacrylate | FB | Ave | +++++<br>555843 | 1902<br>1414454 | 11217 | 49584 | 132266 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dibromochloromethane | CBNZ d5 | Ave | +++++<br>554389 | 2803<br>1438872 | 13373 | 51491 | 128034 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,3-Dichloropropane | CBNZ d5 | Ave | +++++<br>847811 | 4404<br>2167639 | 21300 | 80748 | 196032 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethylene Dibromide | CBNZ d5 | Ave | +++++<br>488033 | 2023<br>1236651 | 11414 | 46837 | 113178 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Butyl acetate | CBNZ d5 | Ave | +++++<br>561897 | 2049<br>1417514 | 12356 | 47006 | 125469 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Hexanone | BUT | Ave | +++++<br>1198730 | 5482<br>2842053 | 30586 | 106936 | 285778 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 | 250 |
| Chlorobenzene | CBNZ d5 | Ave | +++++<br>1607416 | 8381<br>4219055 | 39461 | 149130 | 367520 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethylbenzene | CBNZ d5 | Ave | +++++<br>866430 | 4811<br>2248288 | 20106 | 79601 | 193107 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1,1,2-Tetrachloroethane | CBNZ d5 | Ave | +++++<br>613139 | 2975<br>1522262 | 14839 | 55305 | 137792 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| m-Xylene & p-Xylene | CBNZ d5 | Ave | +++++<br>1036630 | 5112<br>2674289 | 25546 | 103999 | 244716 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| o-Xylene | CBNZ d5 | Ave | +++++<br>1014197 | 5157<br>2538822 | 25200 | 104622 | 241428 | +++++<br>200 | 1.00<br>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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| 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 |
| Bromoform | CBNZ d5 | Ave | +++++ 367981 | 1503 919698 | 8040 | 33347 | 82873 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Styrene | CBNZ d5 | Ave | +++++ 1826918 | 7677 4554207 | 41905 | 181820 | 422153 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| n-Butyl acrylate | CBNZ d5 | Ave | +++++ 381510 | 1510 910768 | 8247 | 36328 | 87135 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Isopropylbenzene | CBNZ d5 | Ave | +++++ 2566554 | 13173 6501311 | 67614 | 271062 | 613248 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Amyl acetate (mixed isomers) | DCBd 4 | Ave | +++++ 813636 | 4133 1943909 | 20141 | 79860 | 190951 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Bromobenzene | DCBd 4 | Ave | +++++ 702911 | 3480 1794793 | 17687 | 70317 | 162458 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| N-Propylbenzene | DCBd 4 | Ave | +++++ 3228807 | 15894 8036223 | 78692 | 330866 | 753289 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,1,2,2-Tetrachloroethane | DCBd 4 | Ave | +++++ 620993 | 3418 1549276 | 13560 | 57396 | 135612 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 2-Chlorotoluene | DCBd 4 | Ave | +++++ 2293914 | 10918 5832679 | 55200 | 229770 | 526418 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 4-Ethyltoluene | DCBd 4 | Ave | +++++ 2762449 | 13487 6851990 | 65011 | 277567 | 626799 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,2,3-Trichloropropane | DCBd 4 | Ave | +++++ 162025 | 1069 401679 | 4346 | 16082 | 36389 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,3,5-Trimethylbenzene | DCBd 4 | Ave | +++++ 2274579 | 11787 5534849 | 55650 | 233534 | 529518 | +++++ 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| 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 | +++++ 166099 | +++++ 421630 | 3867 | 14338 | 36165 | +++++ 200 | +++++ 500 | 5.00 | 20.0 | 50.0 |
| 4-Chlorotoluene | DCBd 4 | Ave | +++++ 2082611 | 9794 5101864 | 49294 | 212431 | 489189 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| tert-Butylbenzene | DCBd 4 | Ave | +++++ 1893447 | 10127 4437468 | 46223 | 190172 | 428792 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,2,4-Trimethylbenzene | DCBd 4 | Ave | +++++ 2481793 | 11952 5822131 | 55839 | 236870 | 548869 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Butyl Methacrylate | DCBd 4 | Ave | +++++ 896347 | 4172 2037675 | 19152 | 80390 | 189360 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| sec-Butylbenzene | DCBd 4 | Ave | +++++ 2667209 | 14281 6398663 | 68152 | 283096 | 626412 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,3-Dichlorobenzene | DCBd 4 | Ave | +++++ 1314087 | 6316 3253430 | 32022 | 133141 | 313249 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 4-Isopropyltoluene | DCBd 4 | Ave | +++++ 2310091 | 12375 5772413 | 59985 | 247645 | 549065 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,4-Dichlorobenzene | DCBd 4 | Ave | +++++ 1336969 | 7138 3355263 | 33899 | 138351 | 333696 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,2,3-Trimethylbenzene | DCBd 4 | Ave | +++++ 2426050 | 12235 5906232 | 60231 | 254558 | 610807 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Indan | DCBd 4 | Ave | +++++ 2342617 | 12891 5984418 | 58358 | 242440 | 587674 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Benzyl chloride | DCBd 4 | Ave | +++++ 281651 | 1390 693704 | 6221 | 27417 | 68694 | +++++ 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.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| p-Diethylbenzene | DCBd 4 | Ave | +++++<br>1172971 | 5975<br>2924213 | 29906 | 124024 | 295894 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Butylbenzene | DCBd 4 | Ave | +++++<br>2087069 | 12038<br>5072375 | 55228 | 226783 | 526989 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichlorobenzene | DCBd 4 | Ave | +++++<br>1215297 | 5573<br>2985526 | 30352 | 125549 | 301410 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,4,5-Tetramethylbenzene | DCBd 4 | Ave | +++++<br>2250207 | 11569<br>5256514 | 56692 | 230164 | 555826 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dibromo-3-Chloropropane | DCBd 4 | Ave | +++++<br>118832 | 525<br>281076 | 2605 | 10846 | 27843 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,3,5-Trichlorobenzene | DCBd 4 | Ave | +++++<br>909266 | 3951<br>2107219 | 22390 | 95412 | 229046 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,4-Trichlorobenzene | DCBd 4 | Ave | +++++<br>736840 | 3896<br>1671385 | 18981 | 78013 | 193493 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Hexachlorobutadiene | DCBd 4 | Ave | +++++<br>281915 | 1505<br>666798 | 7689 | 31199 | 71741 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Naphthalene | DCBd 4 | Ave | +++++<br>1512404 | 7875<br>3240611 | 37656 | 153815 | 386300 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,3-Trichlorobenzene | DCBd 4 | Ave | +++++<br>523613 | 2864<br>1040702 | 14211 | 55726 | 136063 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dibromofluoromethane (Surr) | FB | Ave | 122431<br>127676 | 126971<br>136178 | 125680 | 122494 | 120647 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |
| 1,2-Dichloroethane-d4 (Surr) | FB | Ave | 135996<br>138310 | 139431<br>152030 | 138211 | 136454 | 131610 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |
| Toluene-d8 (Surr) | CBNZ d5 | Ave | 467436 | 489820 | 469452 | 472260 | 456882 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

| 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 |
| | | | 485312 | 511696 | | | | 50.0 | 50.0 | | | |
| Bromofluorobenzene | CBNZ d5 | Ave | 156008 | 155756 | 153671 | 159859 | 148958 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| | | | 150898 | 158702 | | | | 50.0 | 50.0 | | | |

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 800842

SDG No.:

Instrument ID: CVOAMS13 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/12/2021 11:04 Calibration End Date: 09/12/2021 13:49 Calibration ID: 87147

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD7 460-800842/3 | P93052.D |
| Level 2 | STD1 460-800842/4 | P93053.D |
| Level 3 | STD5 460-800842/5 | P93054.D |
| Level 4 | STD20 460-800842/6 | P93055.D |
| Level 5 | STD50 460-800842/7 | P93056.D |
| Level 6 | STD200 460-800842/8 | P93057.D |
| Level 7 | STD500 460-800842/9 | P93058.D |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| 2-Methyl-2-propanol | +++++ | -0.5 | | | | | | 30 | | | | |
| Acrylonitrile | -0.3 | | | | | | 30 | | | | | |
| n-Butanol | +++++ | 1.9 | | | | | | 30 | | | | |
| Epichlorohydrin | 4.7 | | | | | | 30 | | | | | |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 12-Sep-2021 11:04:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0134419-003
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2021 09:09:18 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: boykink Date: 12-Sep-2021 11:01:19

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 175 Butadiene | 54 | 0.814 | 0.814 | 0.000 | 94 | 859 | 0.2500 | 0.2353 | |
| * 33 TBA-d9 (IS) | 65 | 1.688 | 1.688 | 0.000 | 99 | 172697 | 1000.0 | 1000.0 | |
| 39 Acrylonitrile | 53 | 2.003 | 2.003 | 0.000 | 69 | 428 | 2.00 | 1.99 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.562 | 0.000 | 96 | 122431 | 50.0 | 48.9 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 198122 | 250.0 | 250.0 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.927 | 0.000 | 0 | 135996 | 50.0 | 49.3 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.149 | 0.000 | 99 | 537064 | 50.0 | 50.0 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.966 | 3.966 | 0.000 | 63 | 21006 | 1000.0 | 1000.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.596 | 4.596 | 0.000 | 99 | 467436 | 50.0 | 48.5 | |
| 84 Epichlorohydrin | 57 | 4.653 | 4.653 | 0.000 | 1 | 263 | 5.00 | 5.23 | a |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 86 | 378285 | 50.0 | 50.0 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 90 | 156008 | 50.0 | 50.0 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 96 | 207470 | 50.0 | 50.0 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00130 | Amount Added: | 0.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 0.00 | Units: uL | |
| GASES Li_00438 | Amount Added: | 2.50 | Units: uL | |
| 14DIOXINTER_00133 | Amount Added: | 0.00 | Units: uL | |
| ACRY/EPIH MIX_00089 | Amount Added: | 20.00 | Units: uL | |
| Ethanol mix_00056 | Amount Added: | 0.00 | Units: uL | |
| MIX 2 Hi_00115 | Amount Added: | 0.00 | Units: uL | |
| MIX I Hi_00142 | Amount Added: | 0.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 0.00 | Units: uL | |
| 8FreonHi_00036 | Amount Added: | 0.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 14-Sep-2021 09:09:20 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D

Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13 Operator ID:

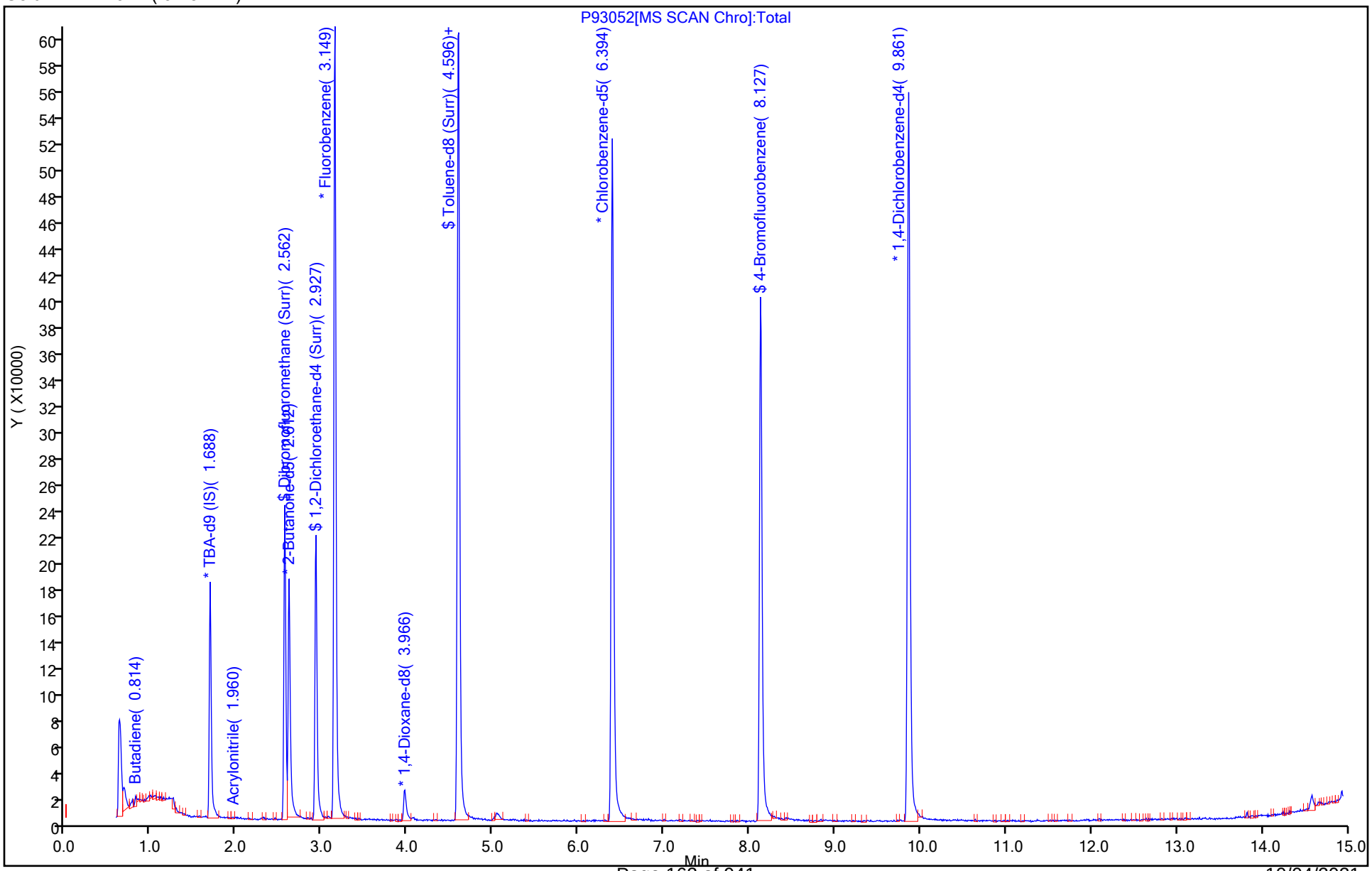
Lims ID: STD7 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

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

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

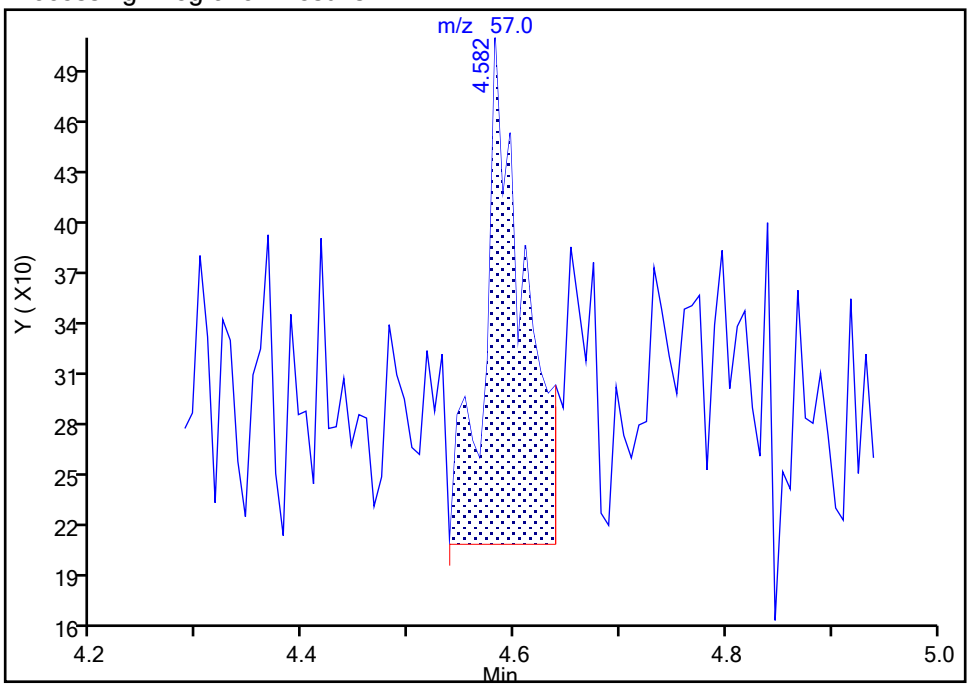
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

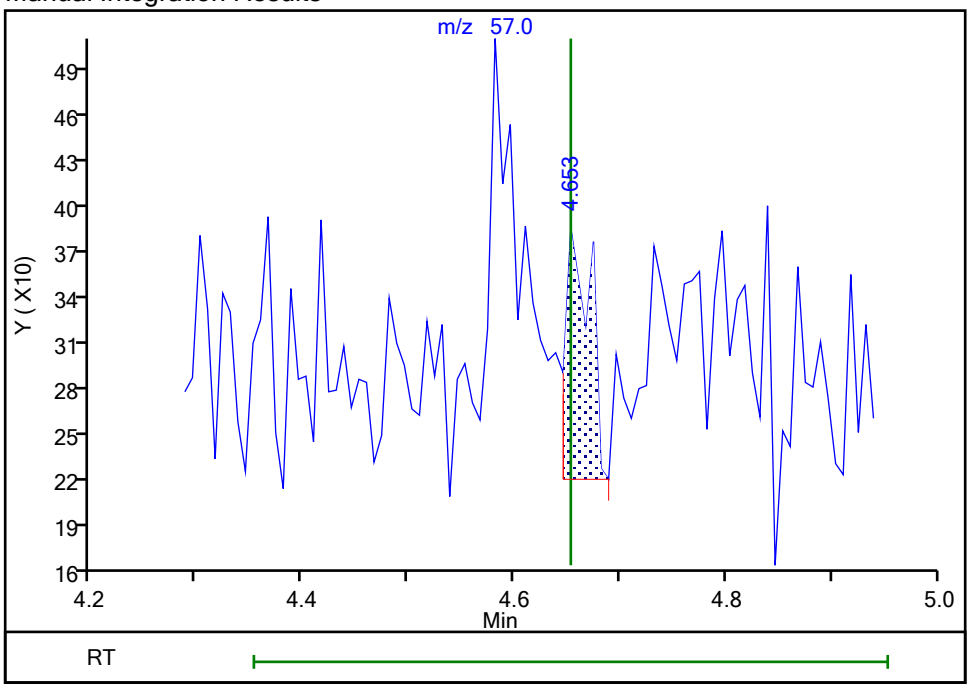
Processing Integration Results

RT: 4.58
Area: 772
Amount: 5.341657
Amount Units: ug/l




Manual Integration Results

RT: 4.65
Area: 263
Amount: 5.233576
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:03:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

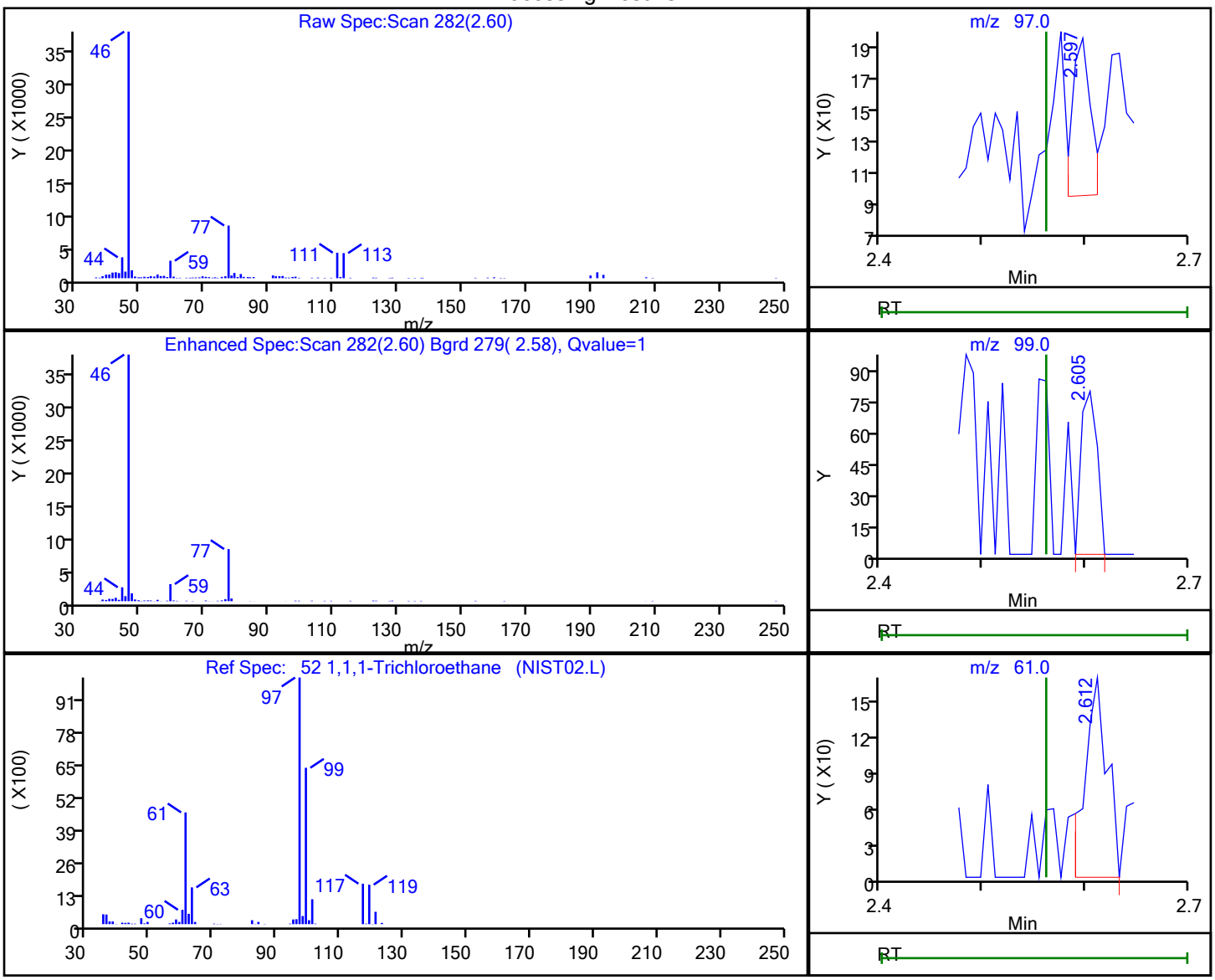
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 52 1,1,1-Trichloroethane, CAS: 71-55-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.60 | 97.00 | 120 | 0.025916 |
| 2.60 | 99.00 | 87 | |
| 2.61 | 61.00 | 250 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

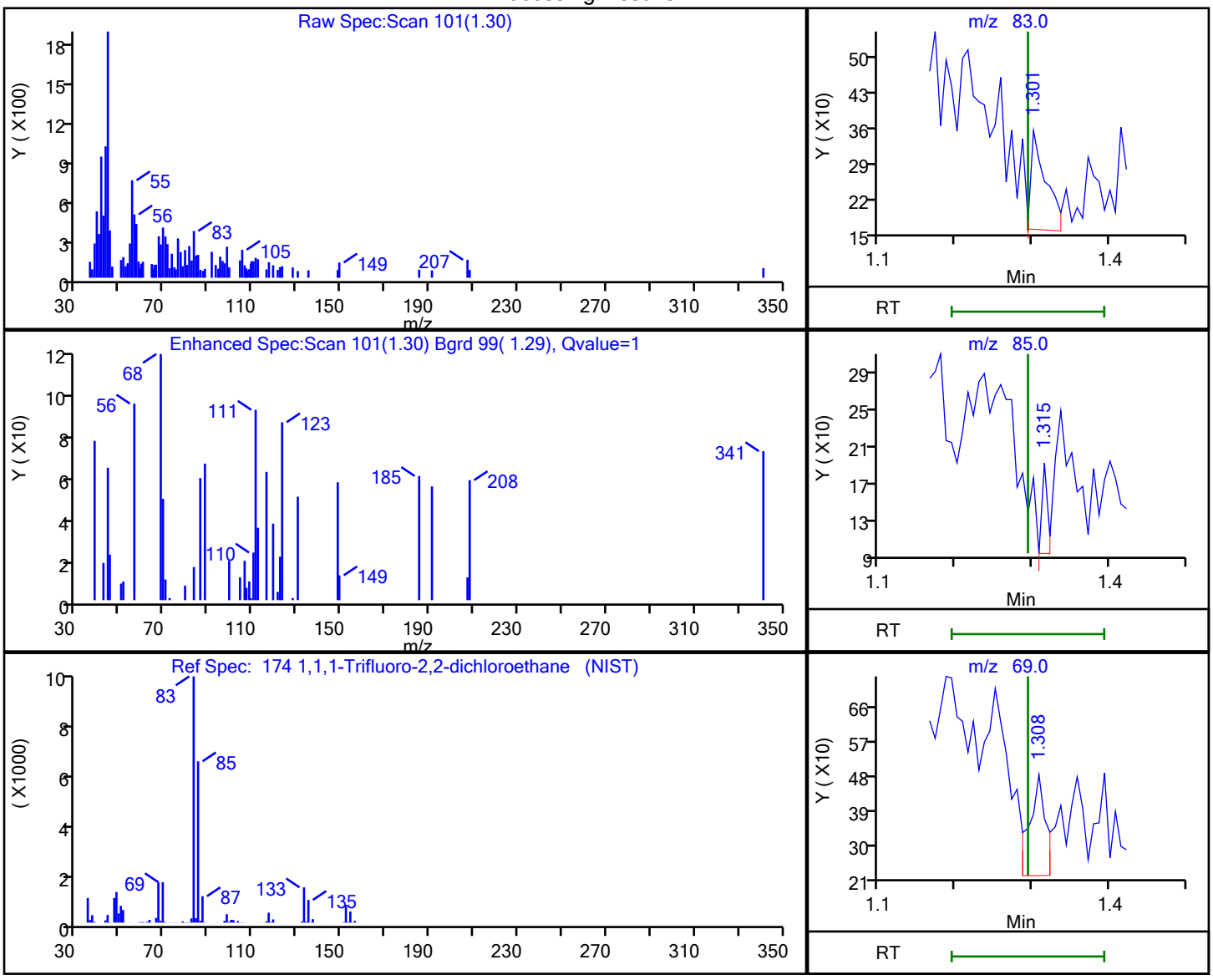
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 174 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.30 | 83.00 | 271 | |
| 1.32 | 85.00 | 49 | |
| 1.31 | 69.00 | 401 | |
| 1.29 | 67.00 | 349 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

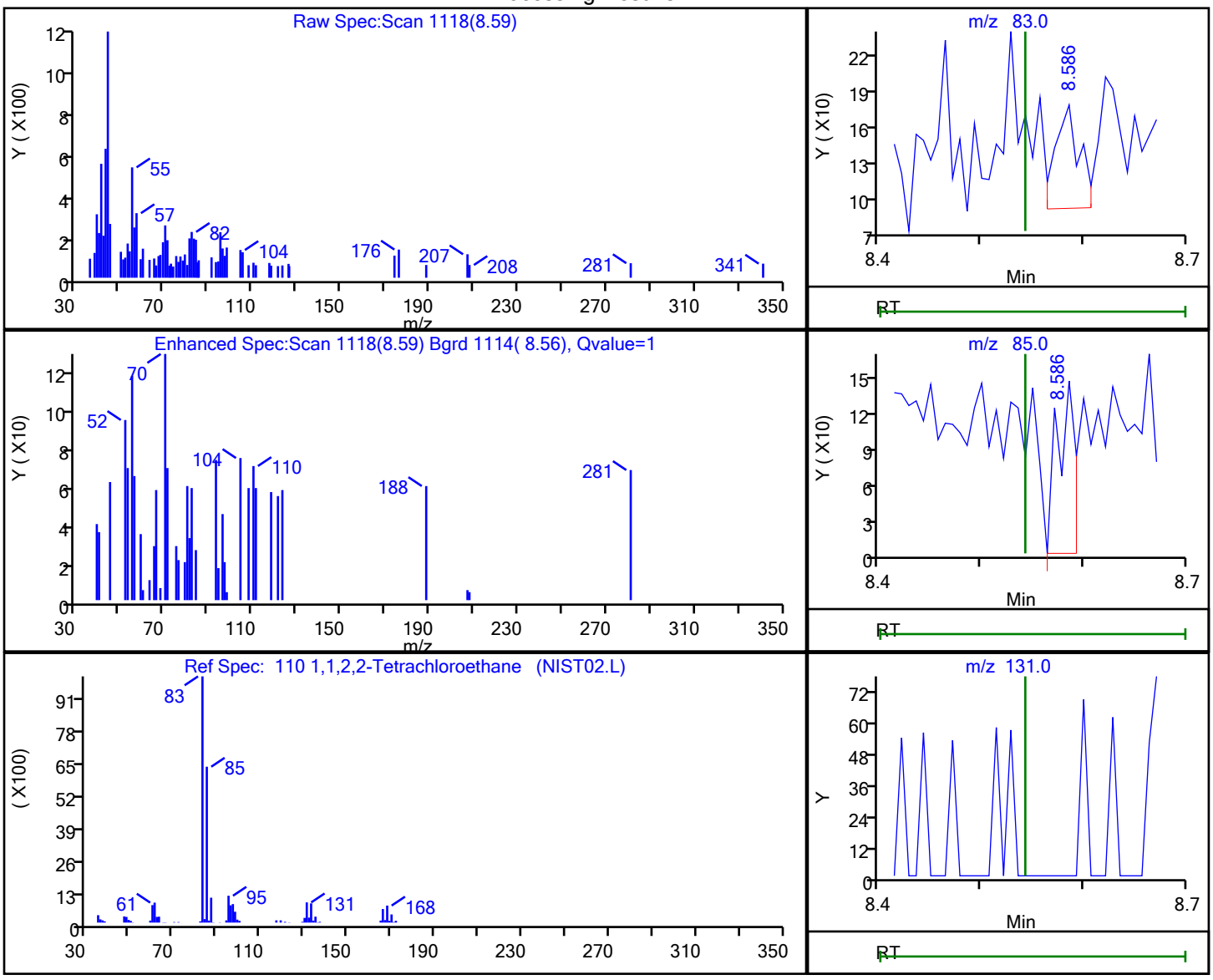
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 110 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.59 | 83.00 | 141 | 0.048111 |
| 8.59 | 85.00 | 180 | |
| 8.54 | 131.00 | 0 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

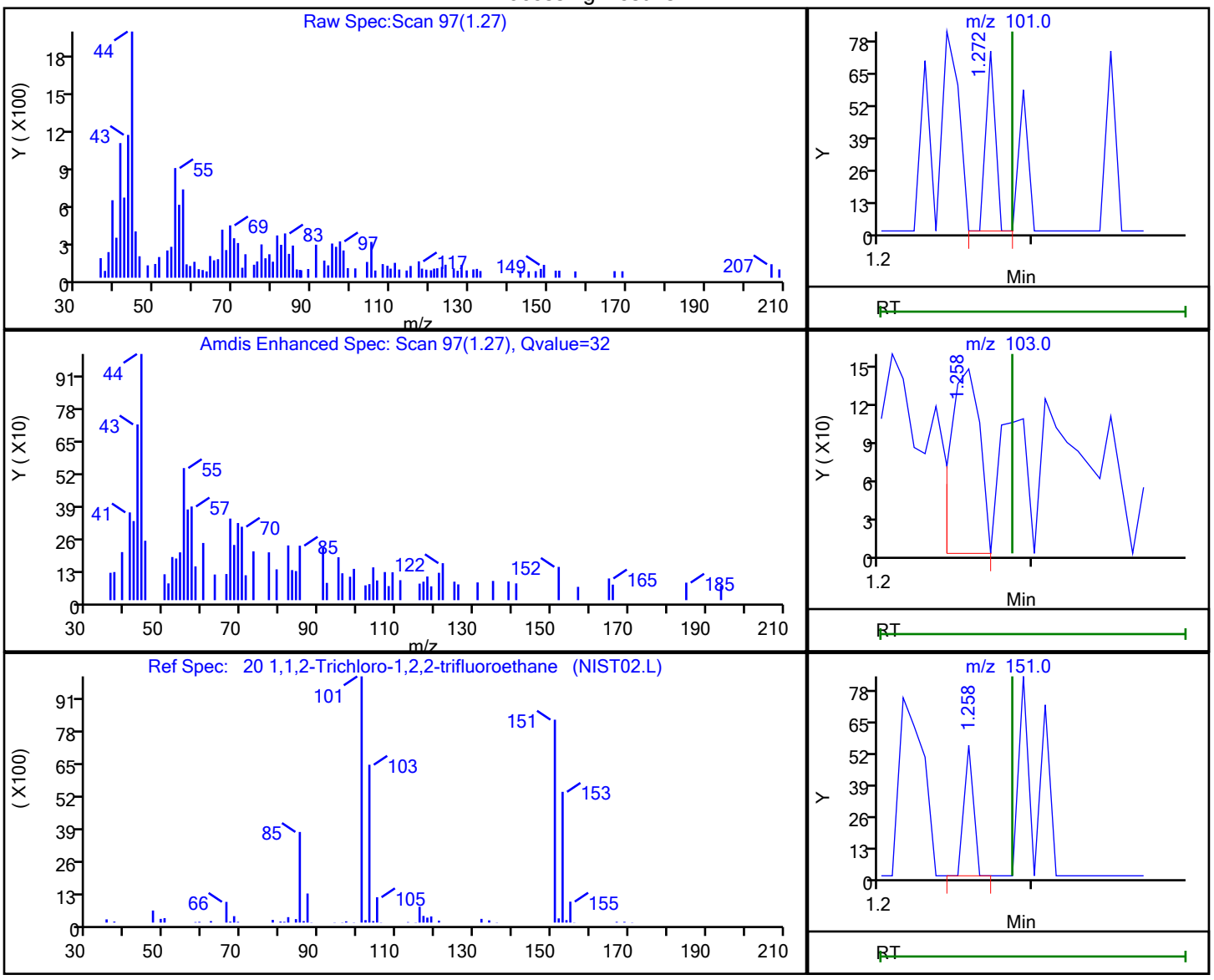
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 20 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.27 | 101.00 | 32 | 0.012779 |
| 1.26 | 103.00 | 197 | |
| 1.26 | 151.00 | 24 | |
| 1.26 | 85.00 | 459 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

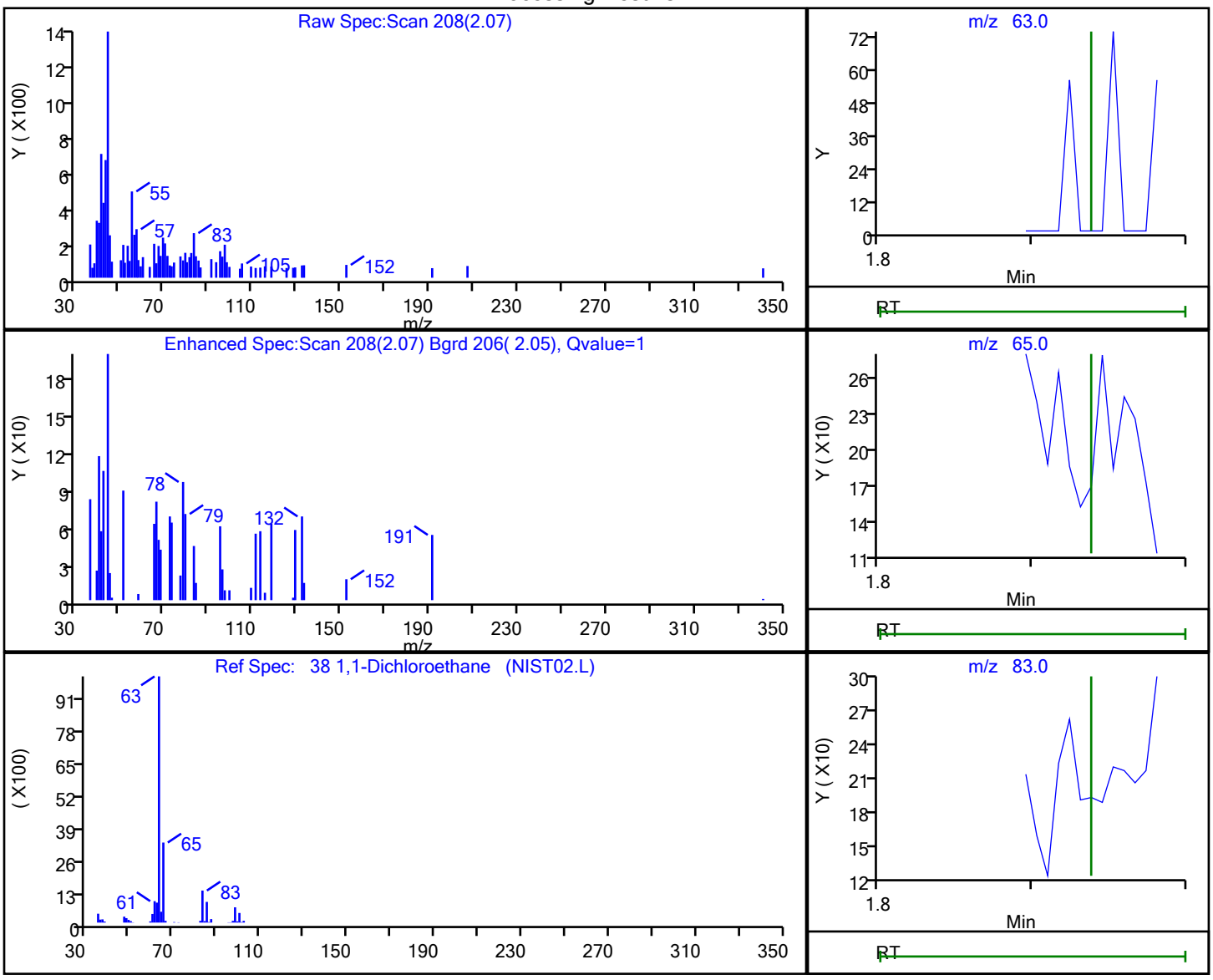
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.07 | 63.00 | 26 | 0.004655 |
| 2.07 | 65.00 | 327 | |
| 2.07 | 83.00 | 136 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

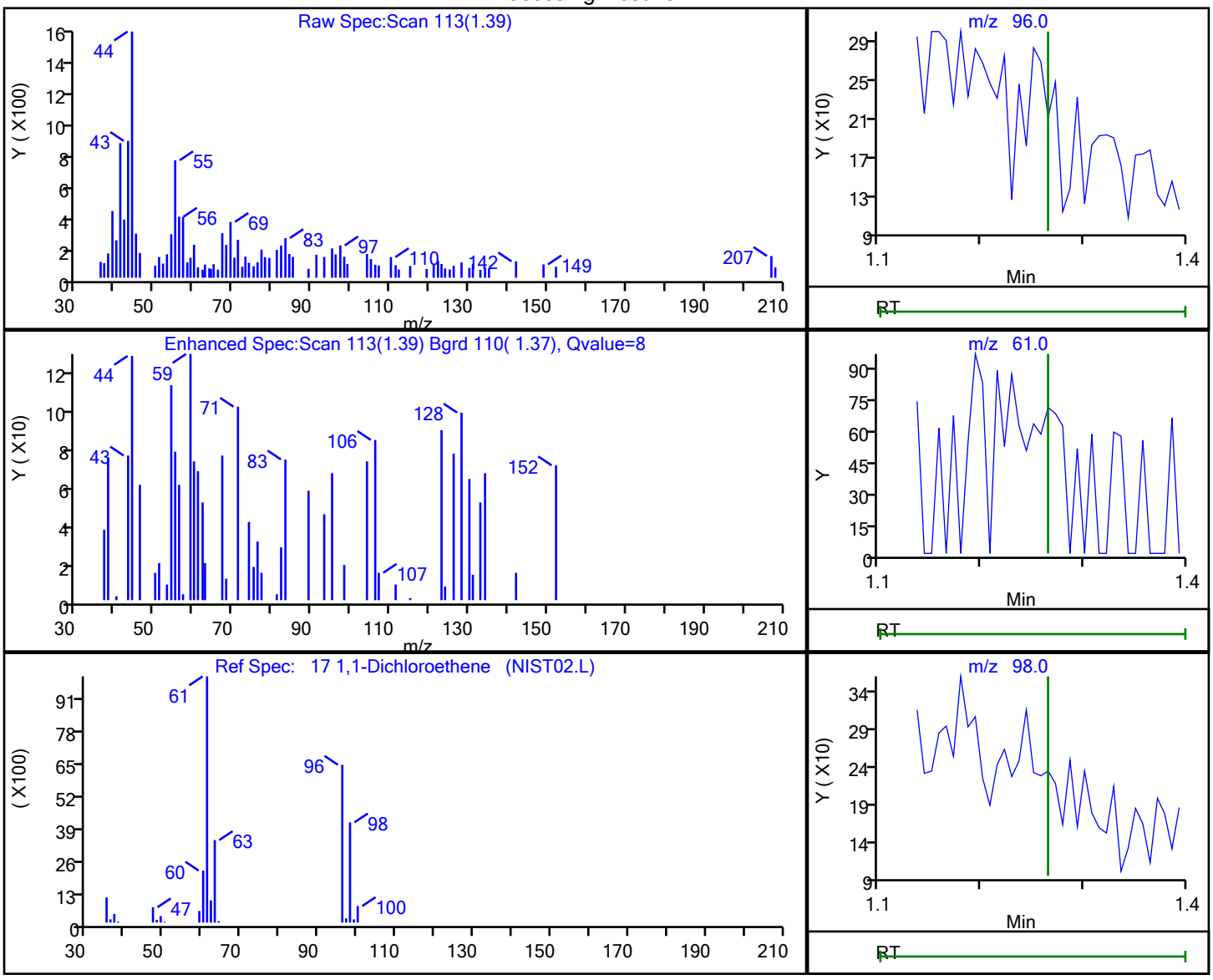
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.39 | 96.00 | 82 | 0.031553 |
| 1.39 | 61.00 | 50 | |
| 1.37 | 98.00 | 219 | |
| 1.39 | 63.00 | 59 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

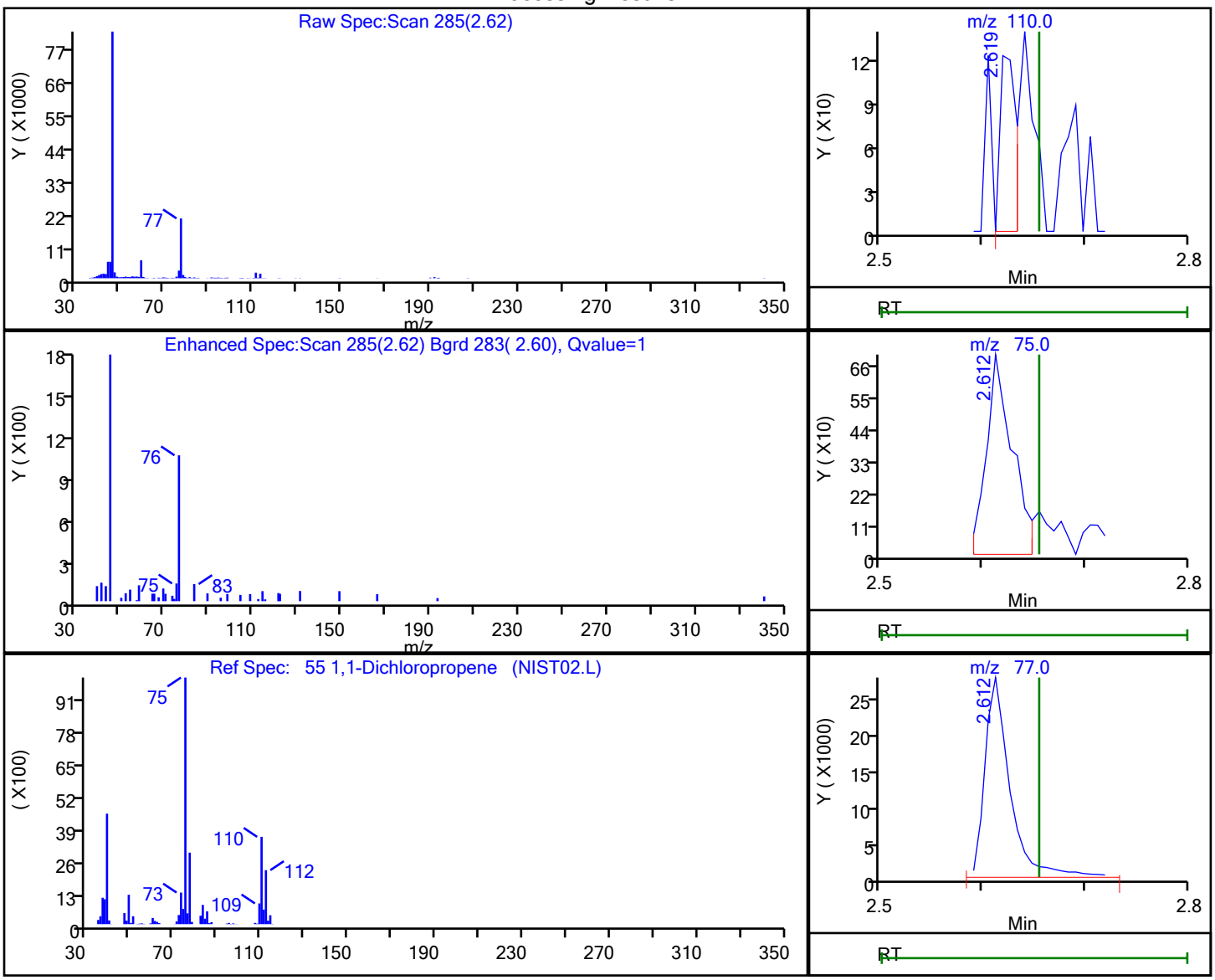
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D 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 |
|---|---|---|---|
| 2.62 | 110.00 | 129 | -0.751444 |
| 2.61 | 75.00 | 1236 | |
| 2.61 | 77.00 | 46905 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

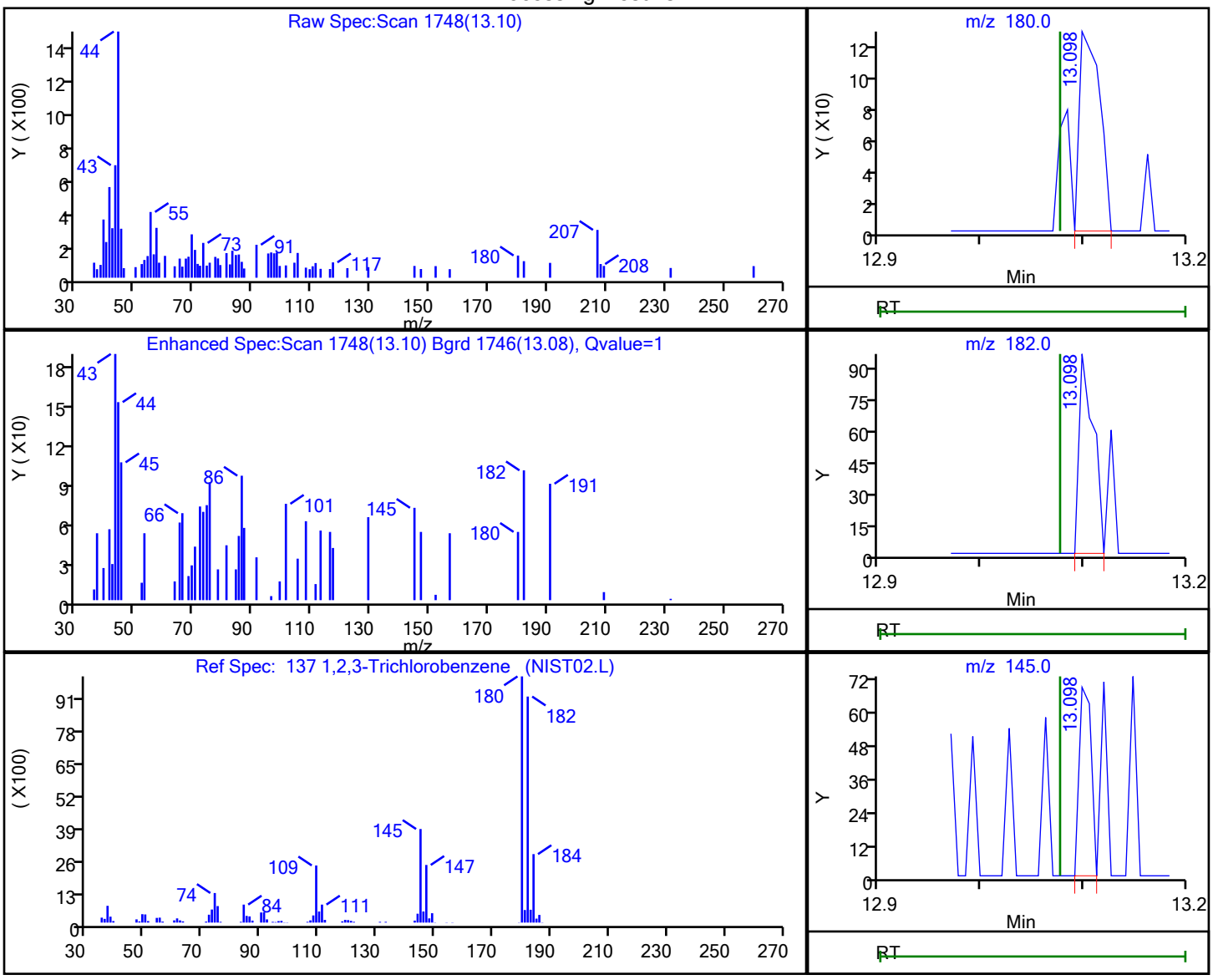
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 137 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.10 | 180.00 | 181 | 0.069485 |
| 13.10 | 182.00 | 95 | |
| 13.10 | 145.00 | 57 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:49

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

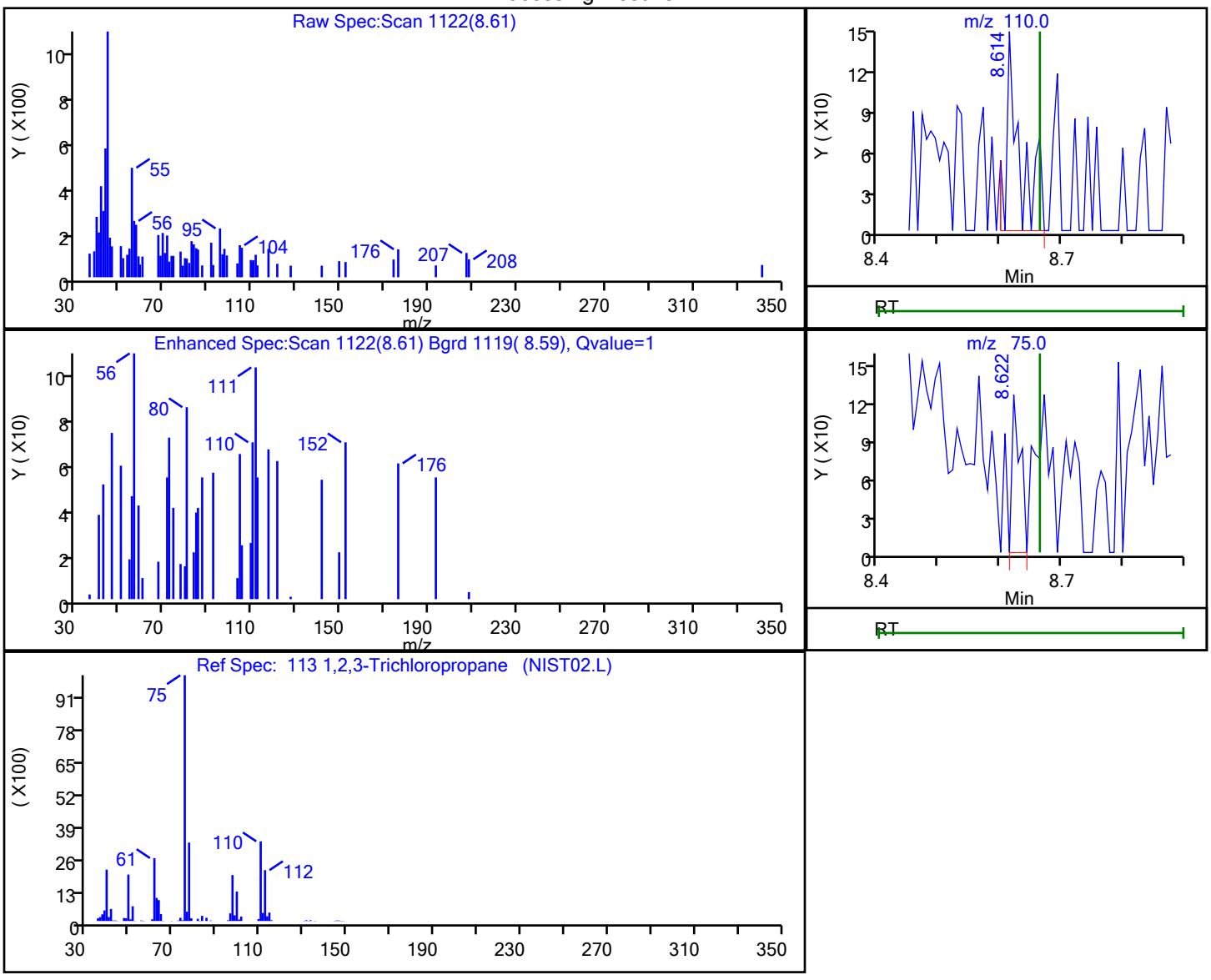
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 113 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.61 | 110.00 | 221 | 0.315051 |
| 8.62 | 75.00 | 121 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48

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

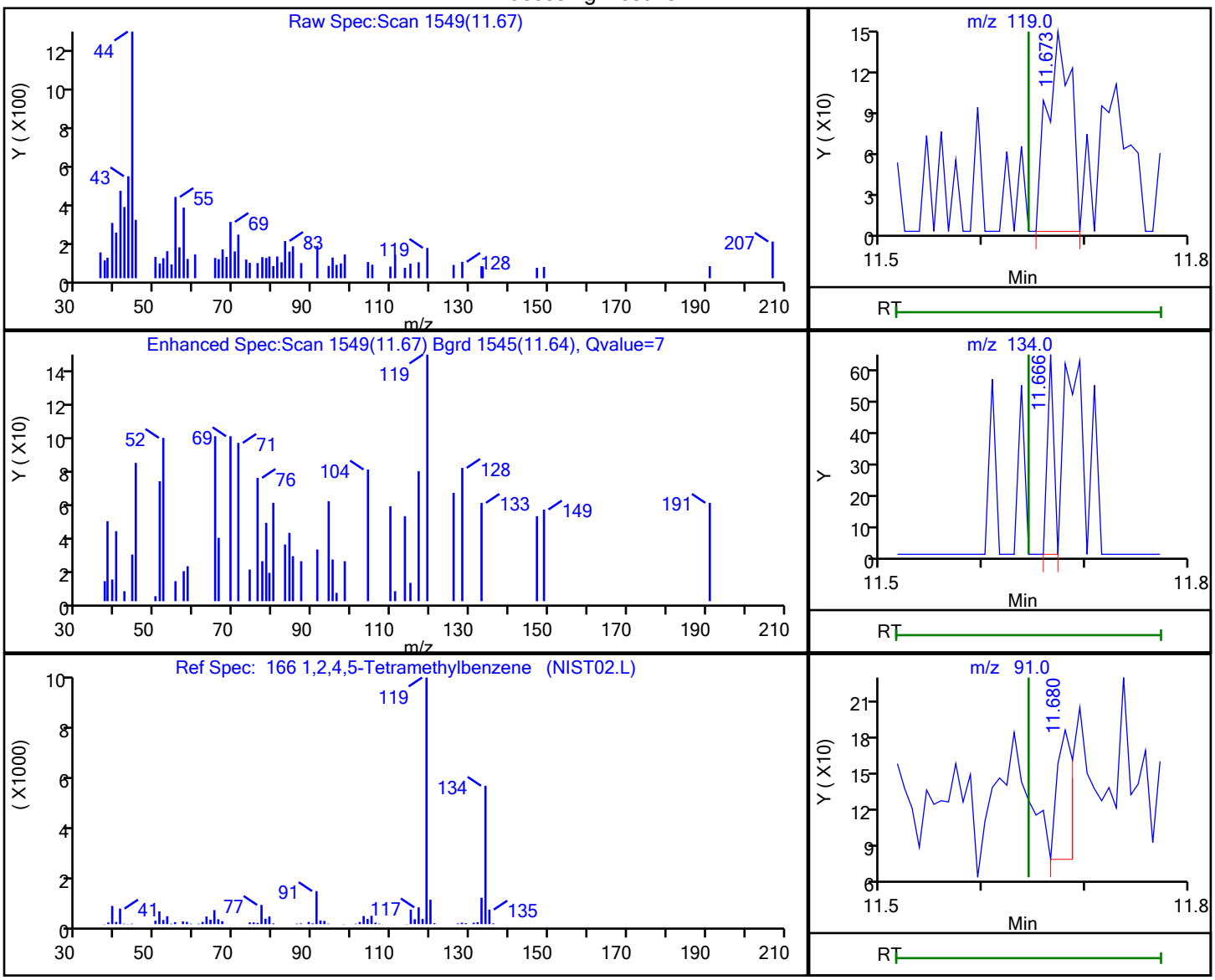
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 166 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.67 | 119.00 | 239 | |
| 11.67 | 134.00 | 28 | |
| 11.68 | 91.00 | 116 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

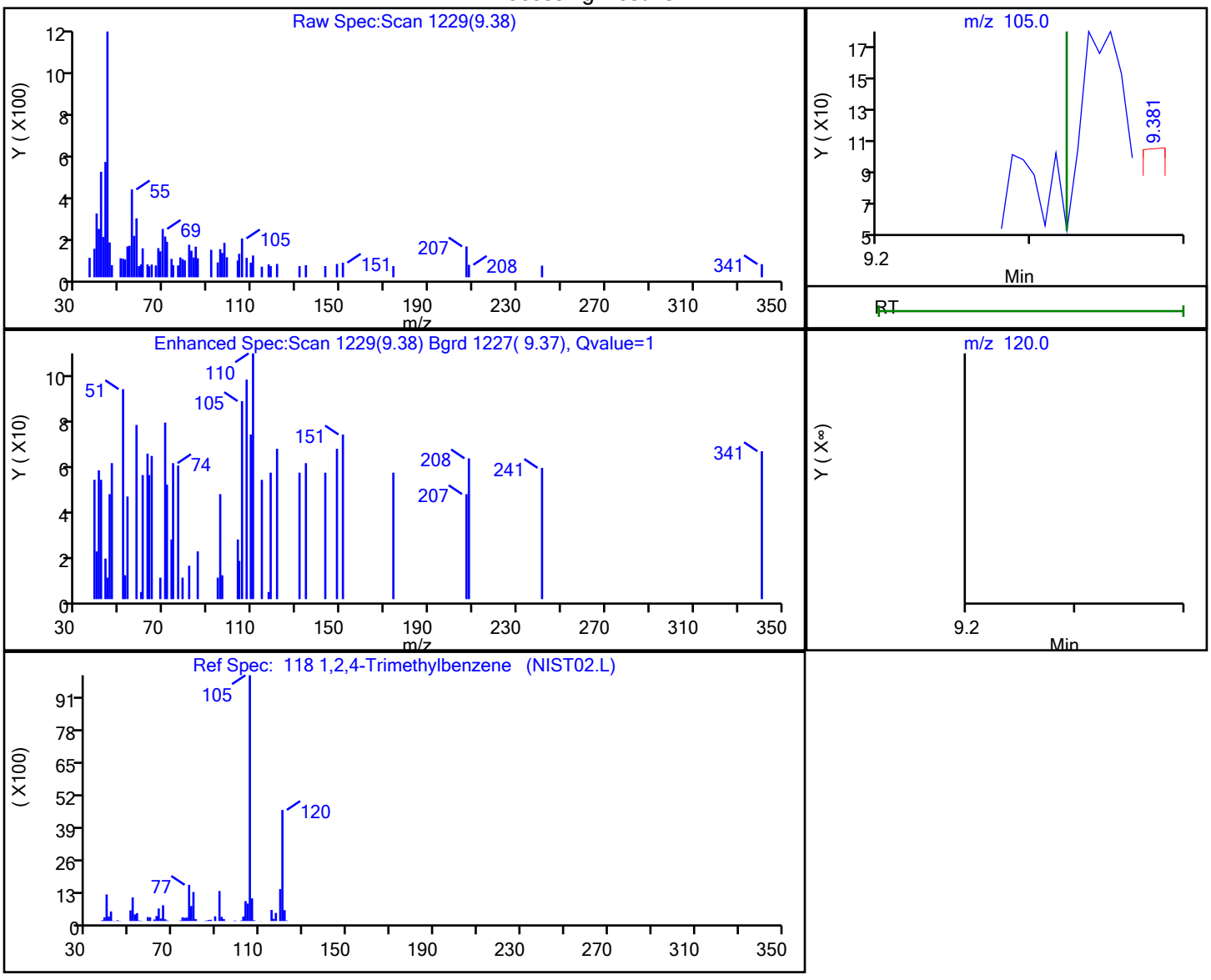
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D 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 |
|---|---|---|---|
| 9.38 | 105.00 | 156 | 0.013619 |
| 9.37 | 120.00 | 32 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48

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

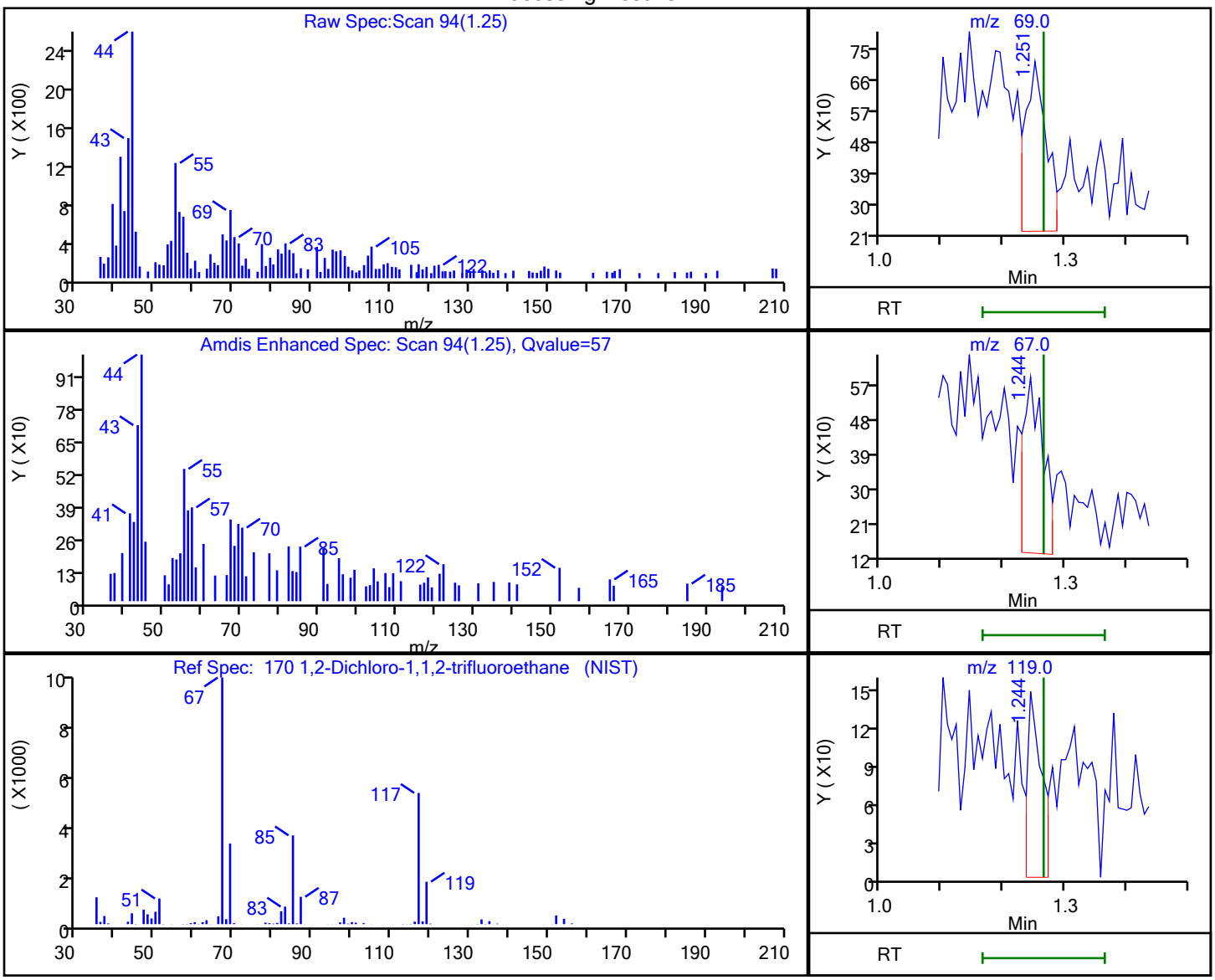
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 170 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.25 | 69.00 | 1201 | |
| 1.24 | 67.00 | 1060 | |
| 1.24 | 119.00 | 240 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

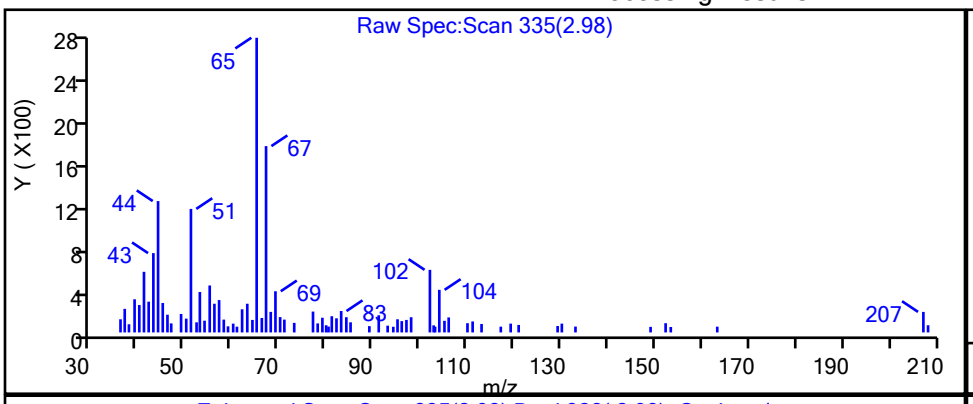
User Disabled Compound Report

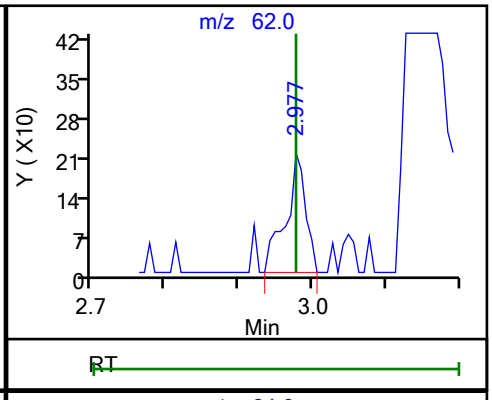
Eurofins TestAmerica, Edison

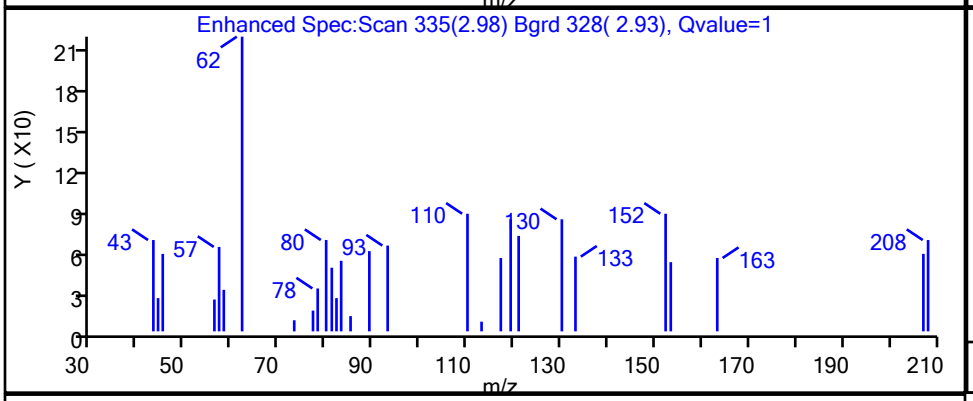
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

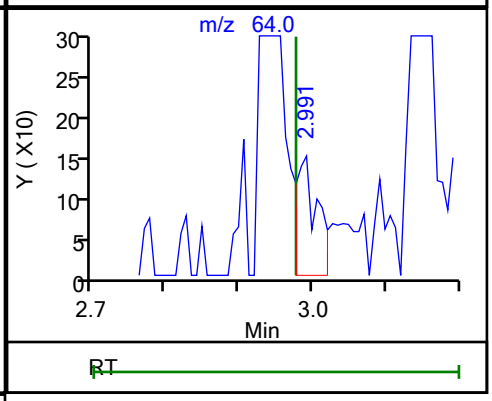
## 63 1,2-Dichloroethane, CAS: 107-06-2

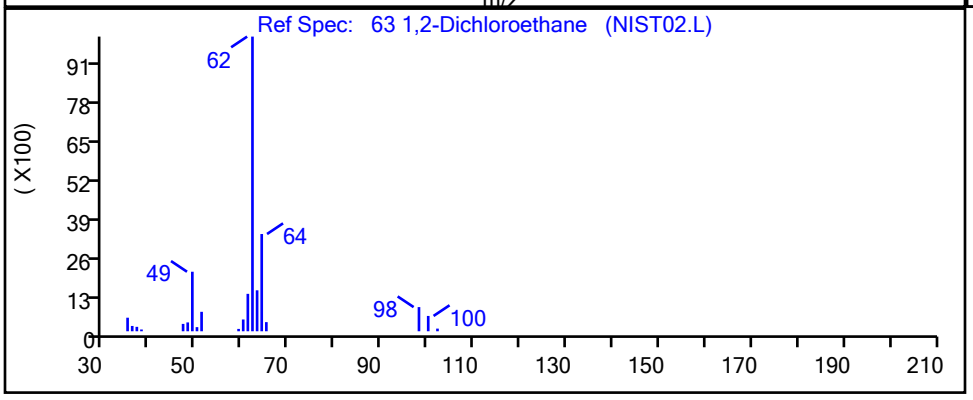
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.98 | 62.00 | 402 | 0.109021 |
| 2.99 | 64.00 | 299 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:09

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

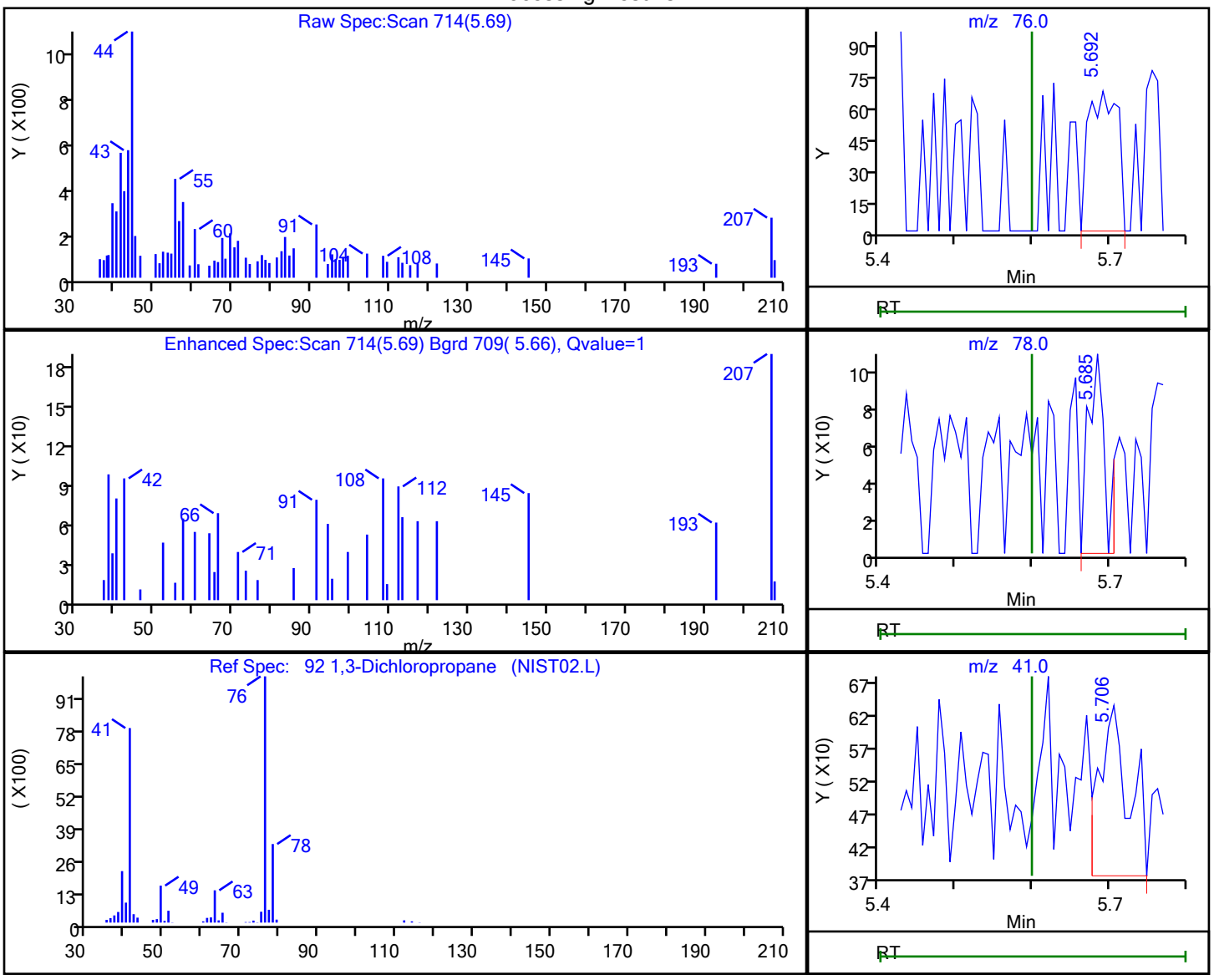
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 92 1,3-Dichloropropane, CAS: 142-28-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.69 | 76.00 | 180 | 0.063008 |
| 5.68 | 78.00 | 167 | |
| 5.71 | 41.00 | 685 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

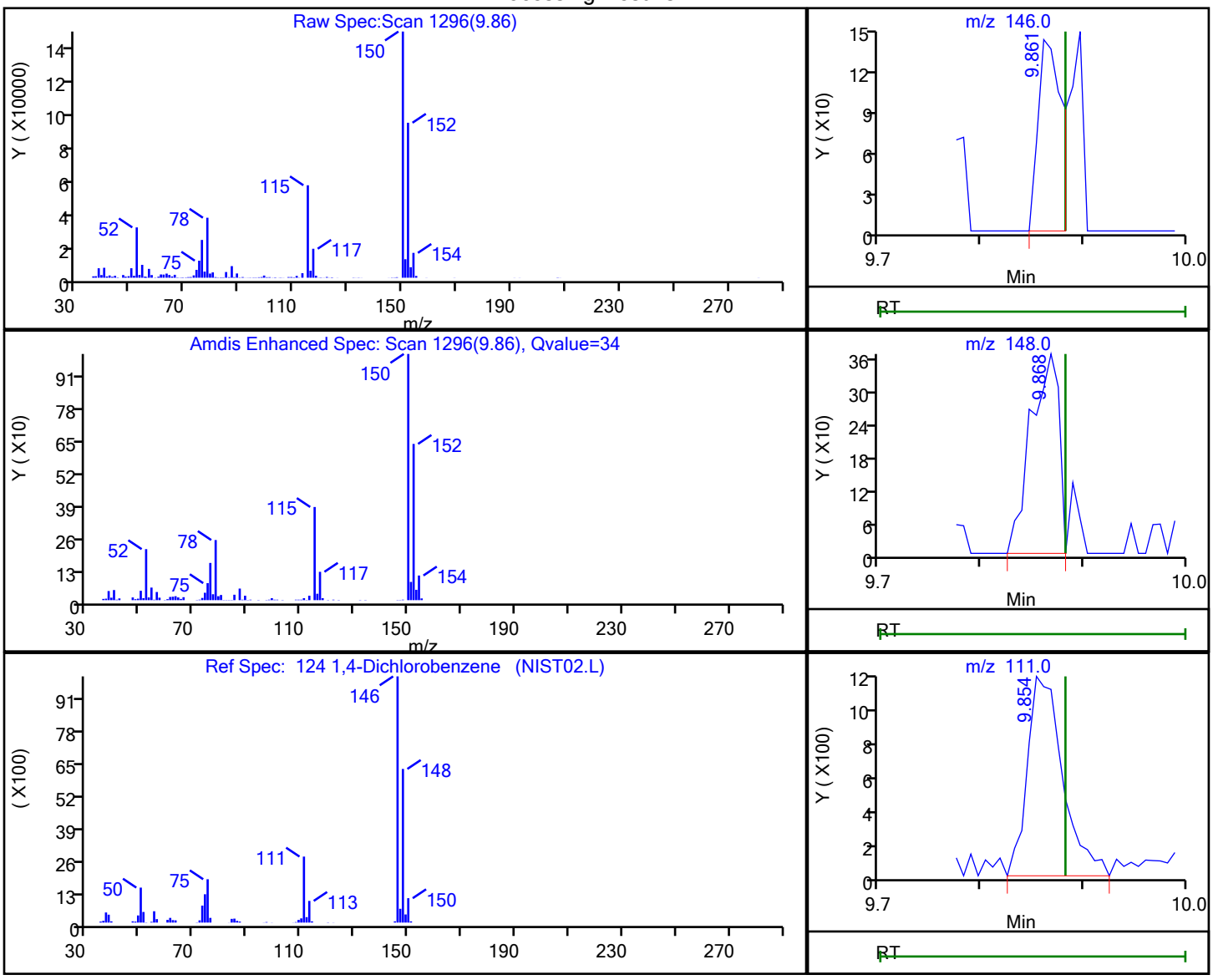
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.86 | 146.00 | 232 | 0.034657 |
| 9.87 | 148.00 | 691 | |
| 9.85 | 111.00 | 2828 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

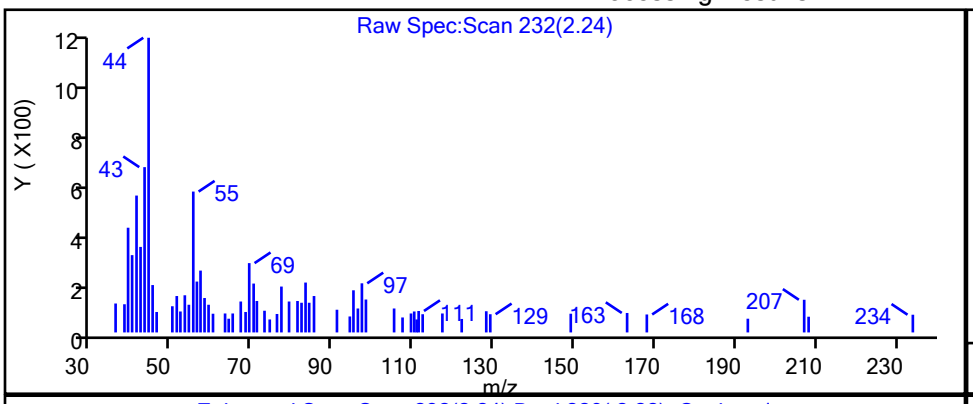
User Disabled Compound Report

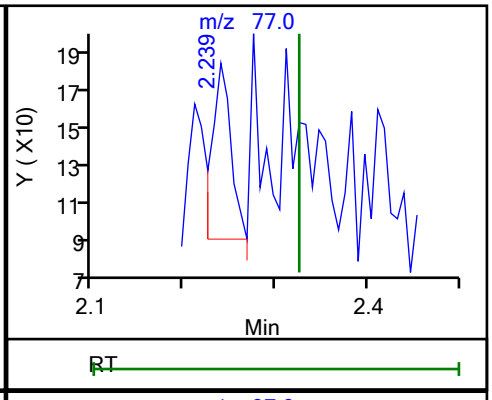
Eurofins TestAmerica, Edison

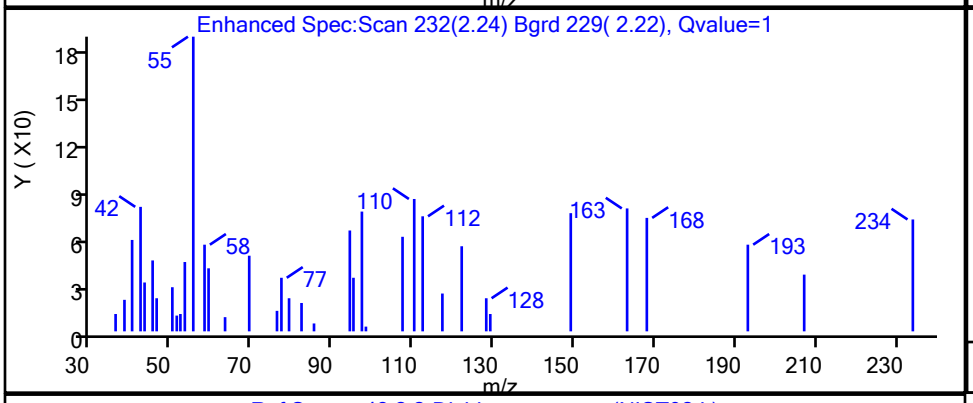
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

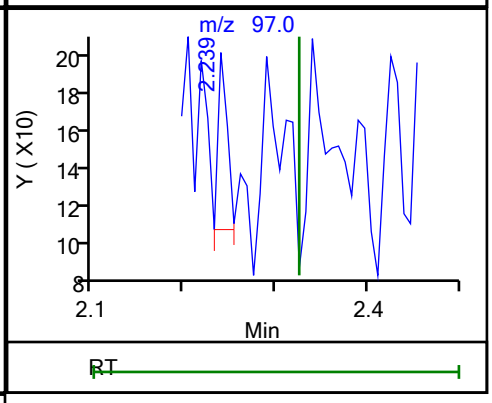
## 43 2,2-Dichloropropane, CAS: 594-20-7

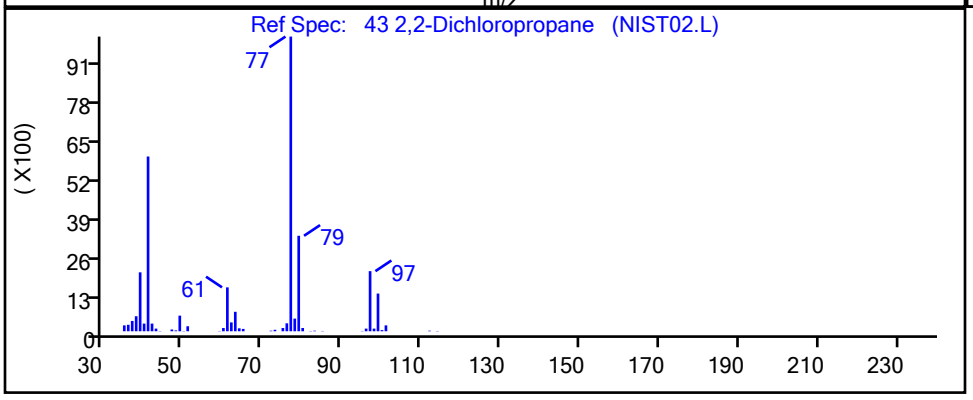
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.24 | 77.00 | 135 | |
| 2.24 | 97.00 | 62 | 0.064743 |

Reviewer: delpolitov, 13-Sep-2021 17:03:07

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

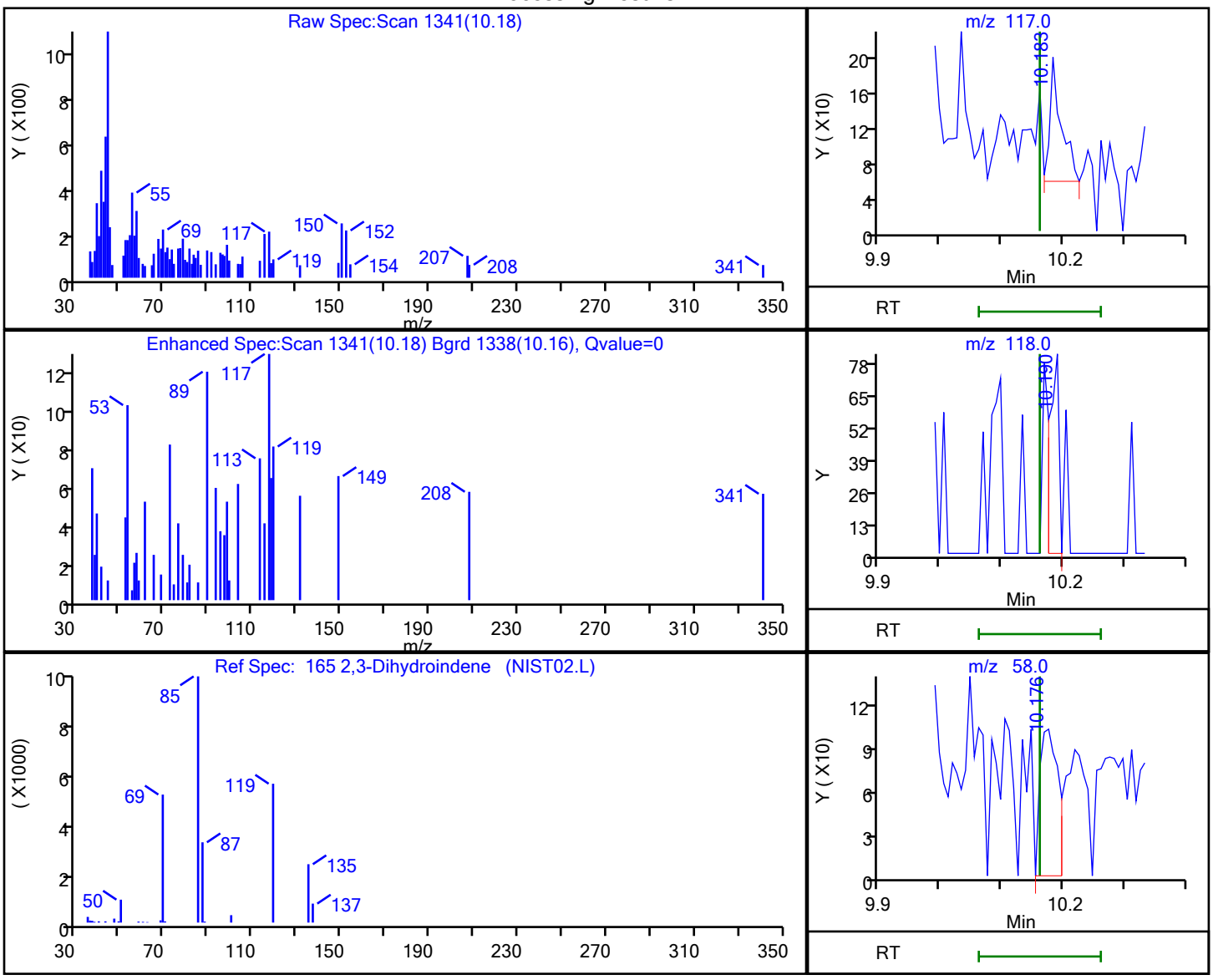
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 165 2,3-Dihydroindene, CAS: 496-11-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.18 | 117.00 | 182 | |
| 10.19 | 118.00 | 86 | |
| 10.18 | 58.00 | 208 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

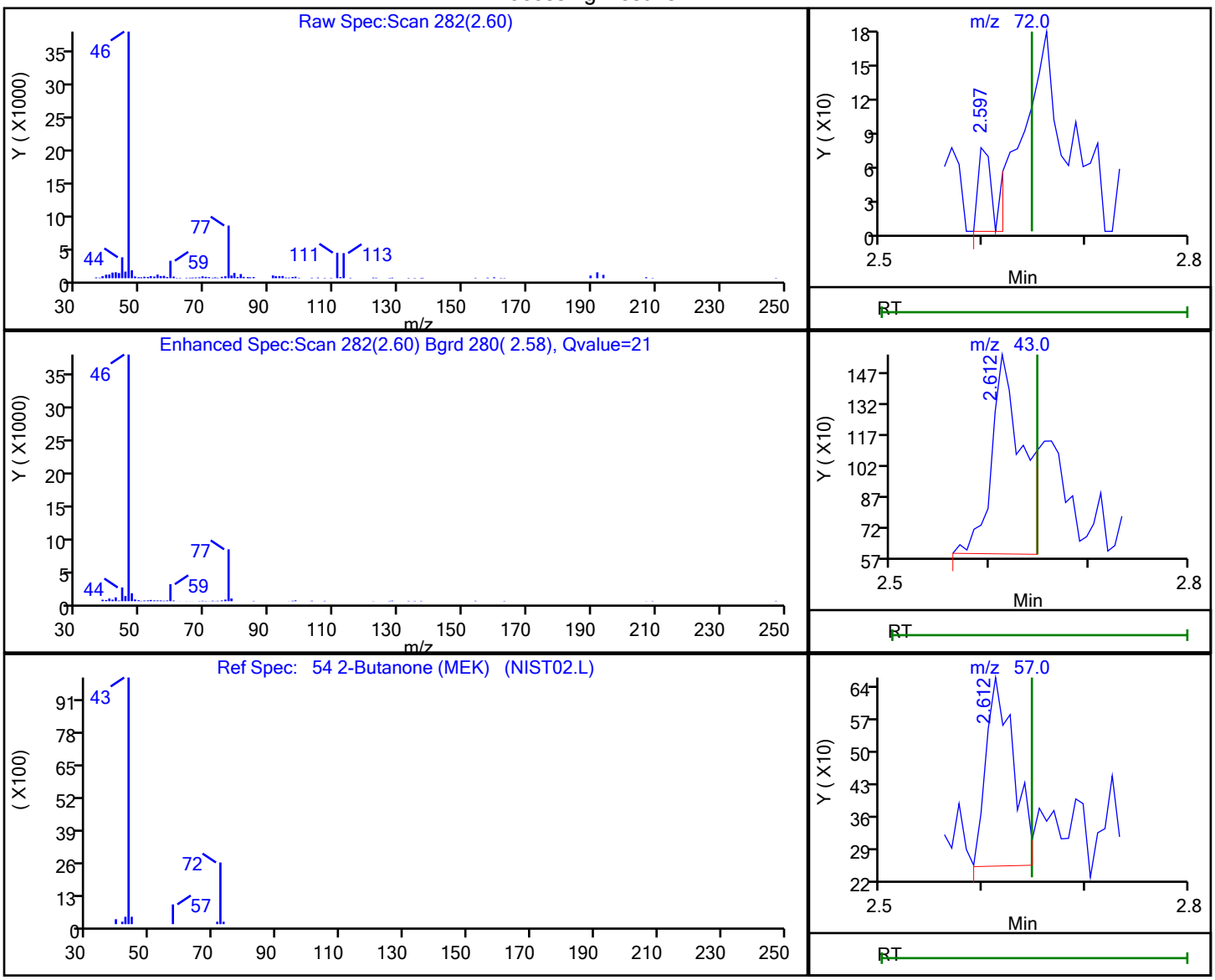
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 54 2-Butanone (MEK), CAS: 78-93-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.60 | 72.00 | 84 | 0.378637 |
| 2.61 | 43.00 | 2154 | |
| 2.61 | 57.00 | 775 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:08

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

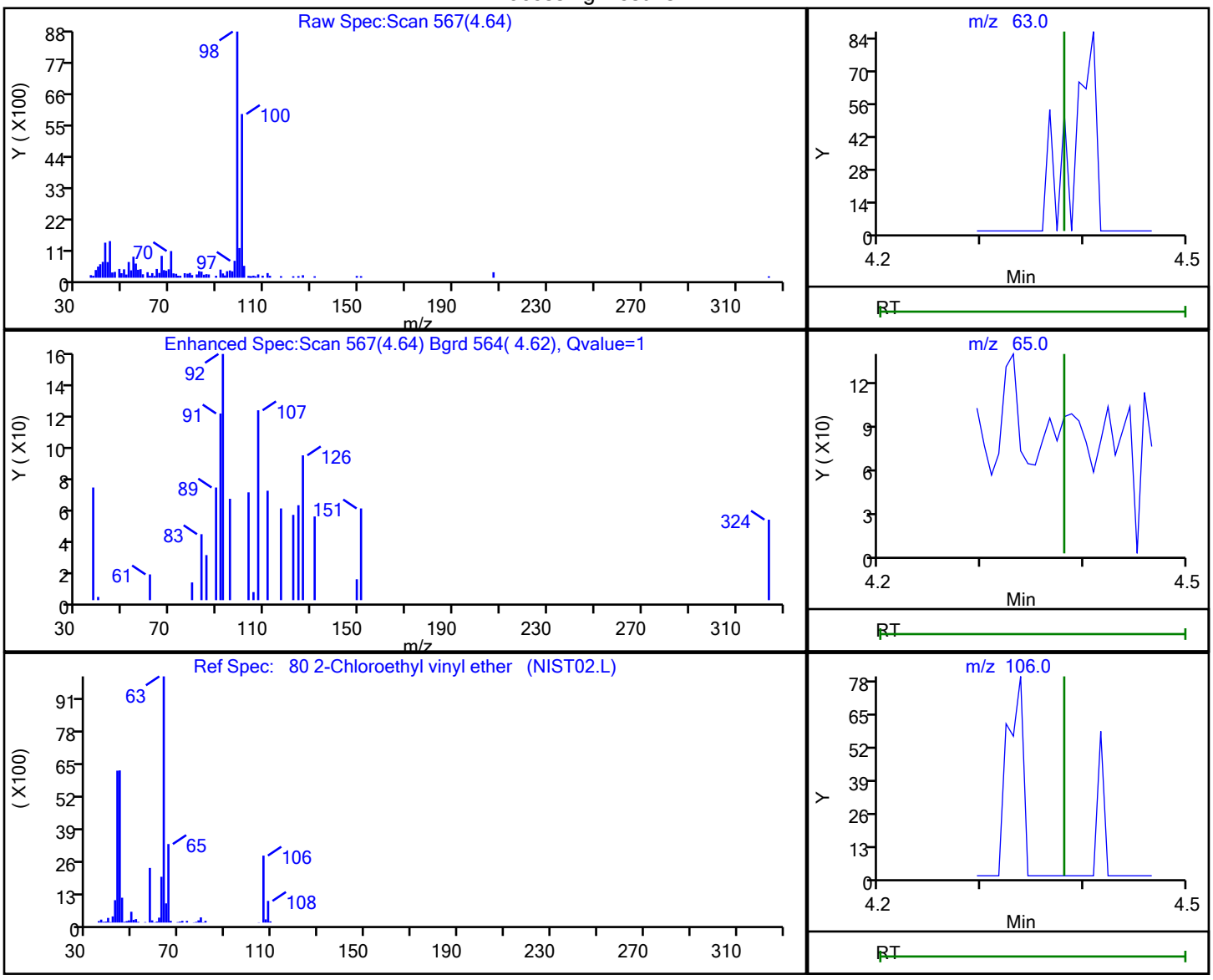
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 80 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.64 | 63.00 | 61 | 0.731584 |
| 4.64 | 65.00 | 508 | |
| 4.62 | 106.00 | 81 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

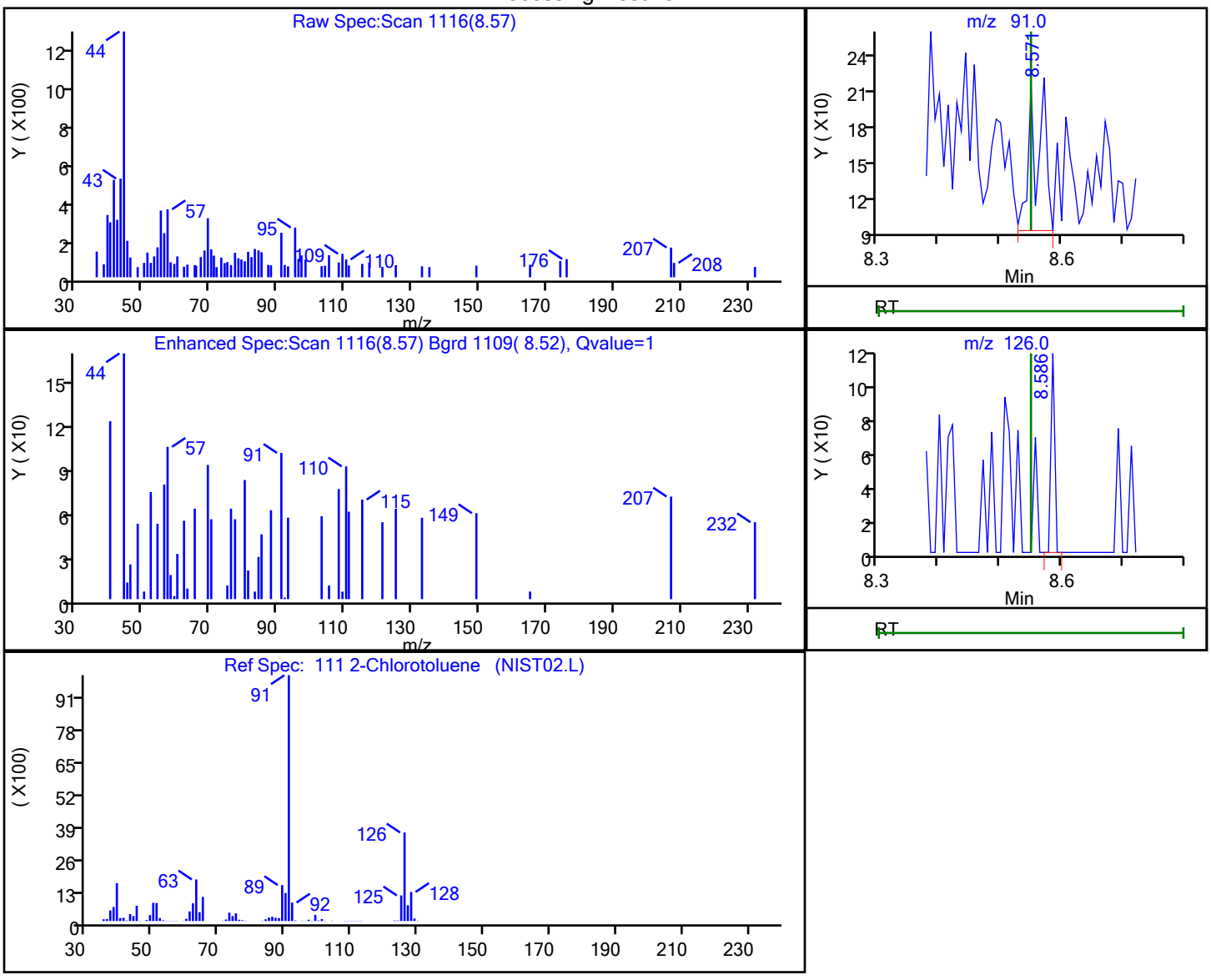
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 111 2-Chlorotoluene, CAS: 95-49-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.57 | 91.00 | 186 | 0.016935 |
| 8.59 | 126.00 | 49 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47

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

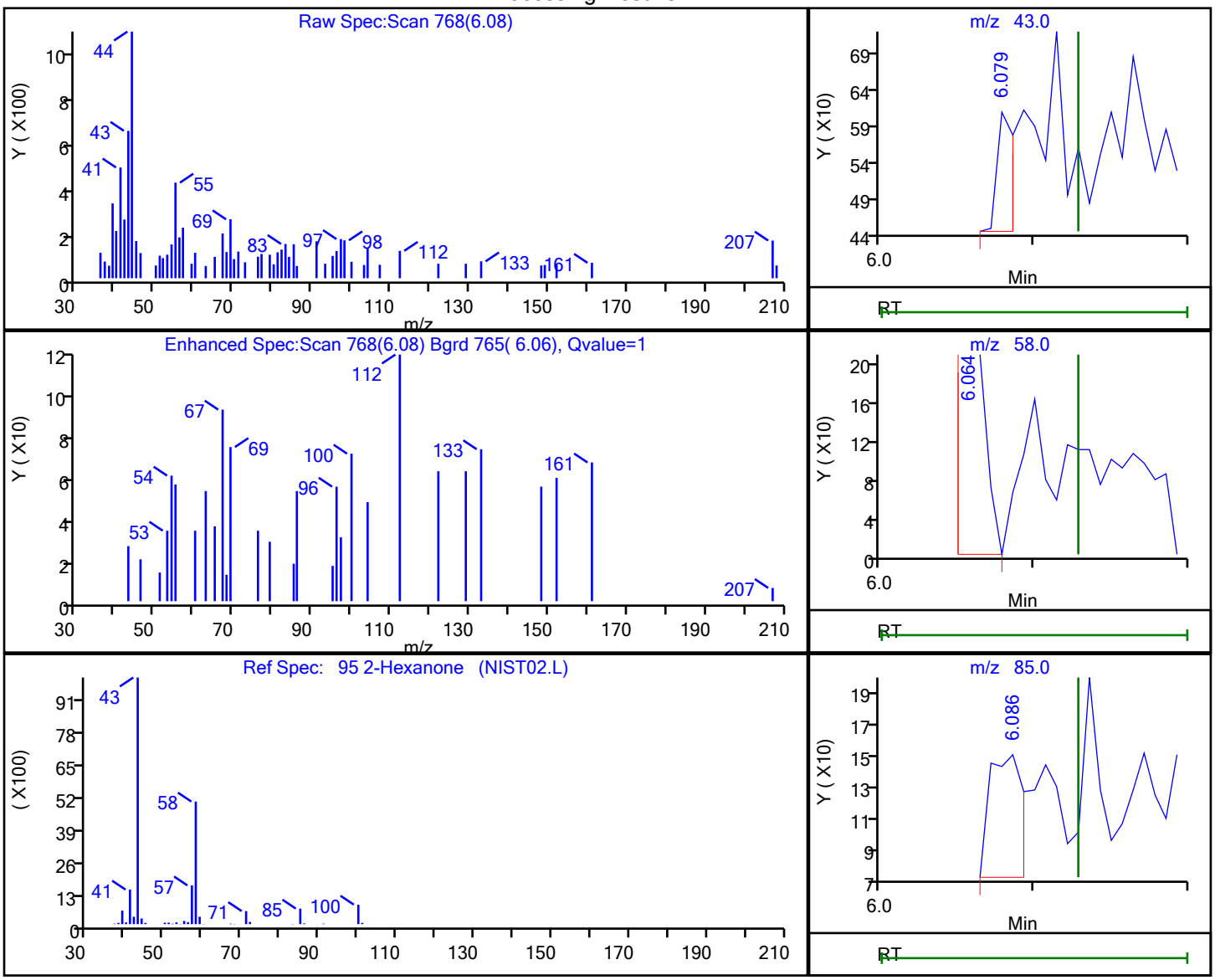
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D 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 |
|---|---|---|---|
| 6.08 | 43.00 | 127 | 0.100115 |
| 6.06 | 58.00 | 211 | |
| 6.09 | 85.00 | 111 | |
| 6.08 | 100.00 | 54 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

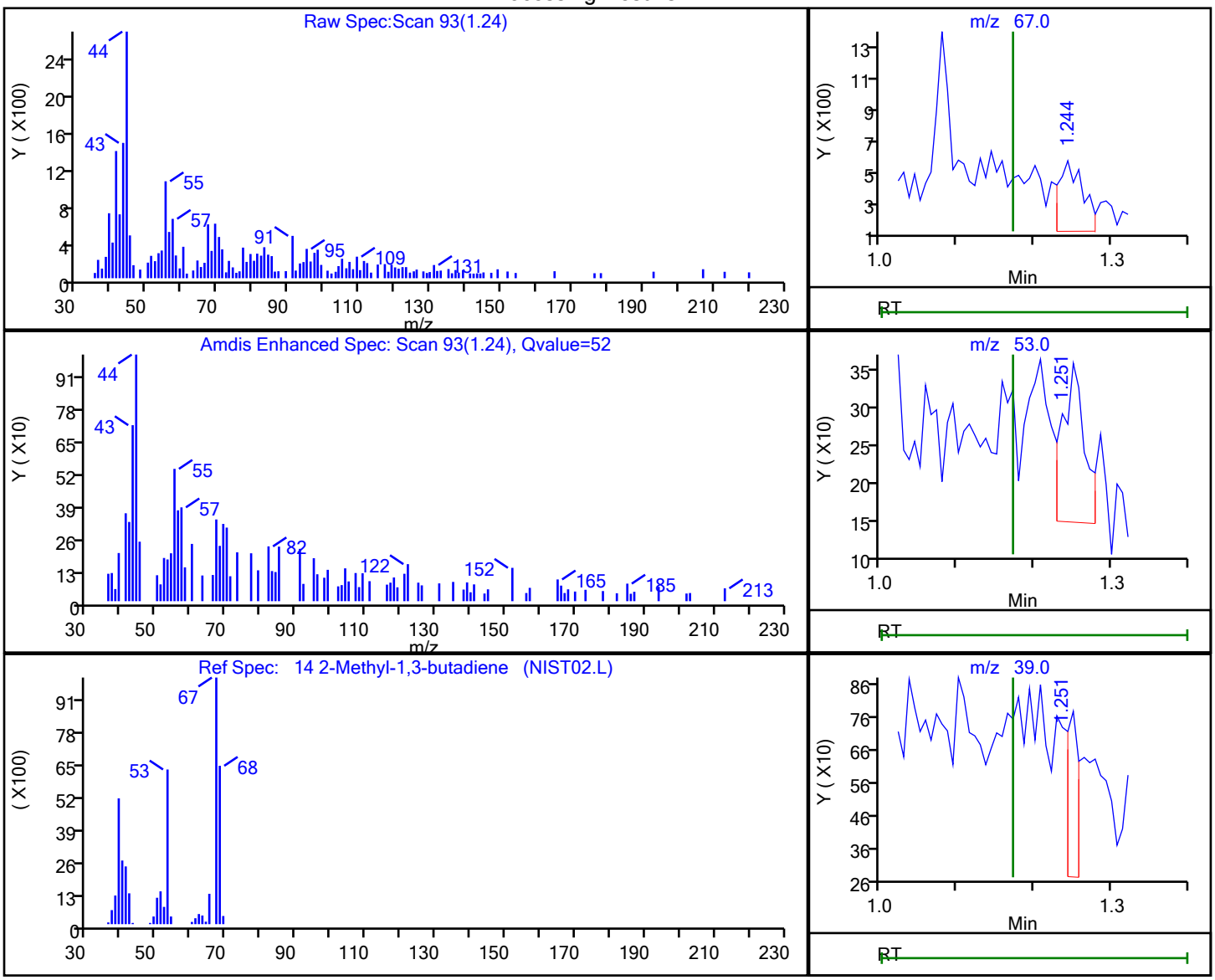
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.24 | 67.00 | 957 | 0.185020 |
| 1.25 | 53.00 | 410 | |
| 1.25 | 39.00 | 560 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

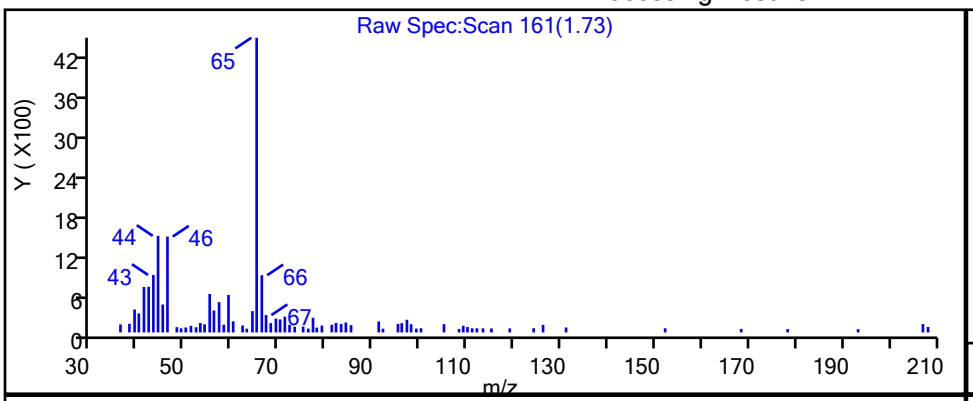
User Disabled Compound Report

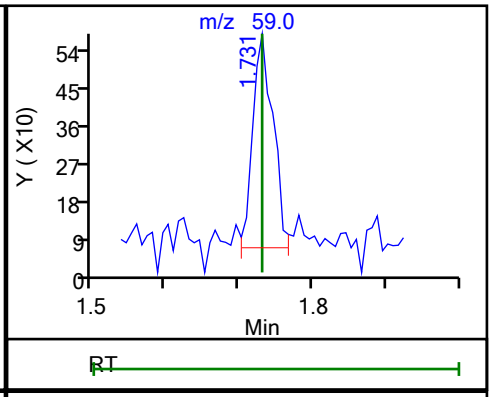
Eurofins TestAmerica, Edison

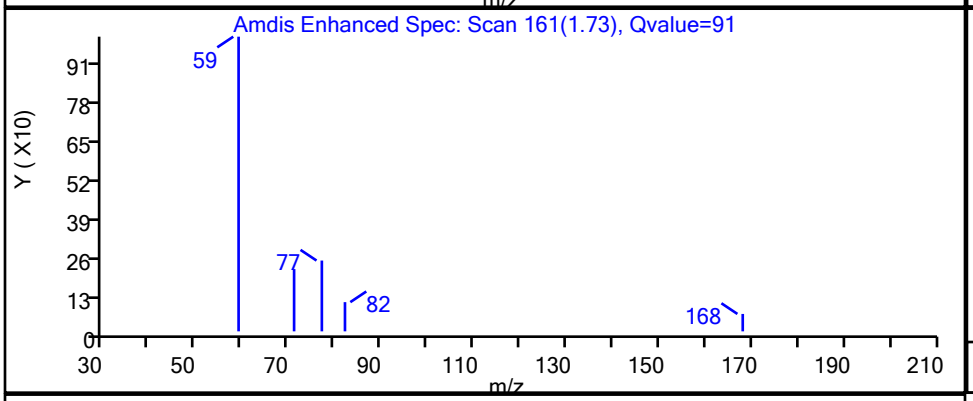
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

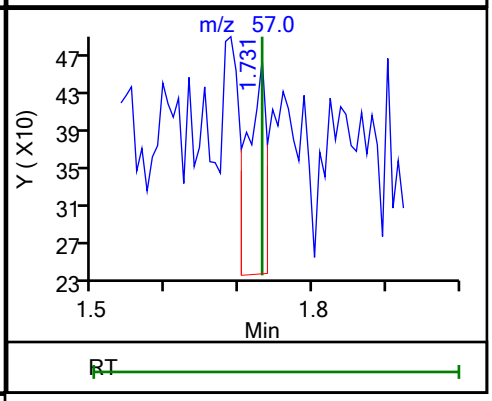
## 34 2-Methyl-2-propanol, CAS: 75-65-0

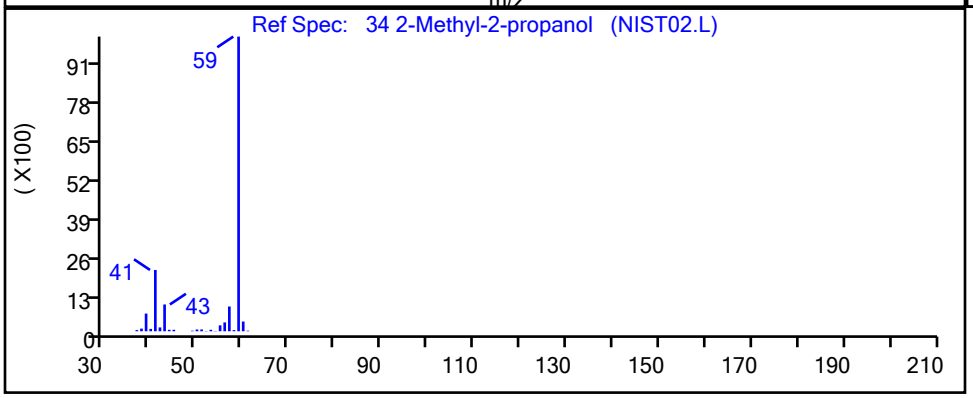
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.73 | 59.00 | 988 | 4.179792 |
| 1.73 | 57.00 | 412 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

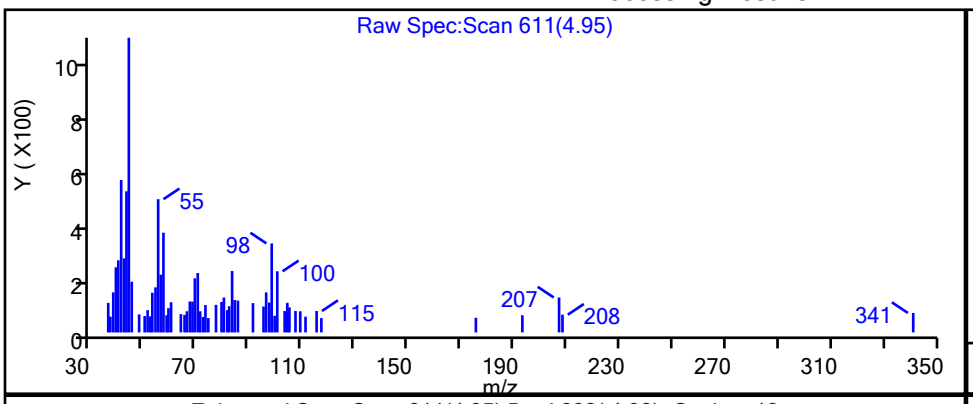
User Disabled Compound Report

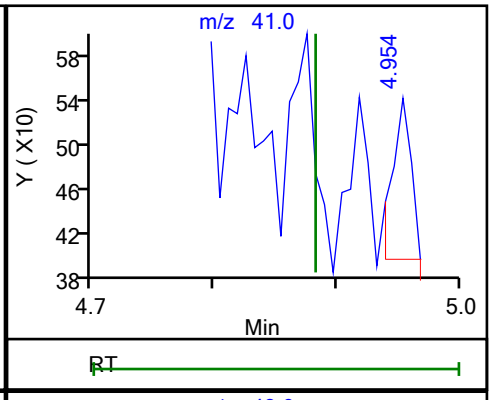
Eurofins TestAmerica, Edison

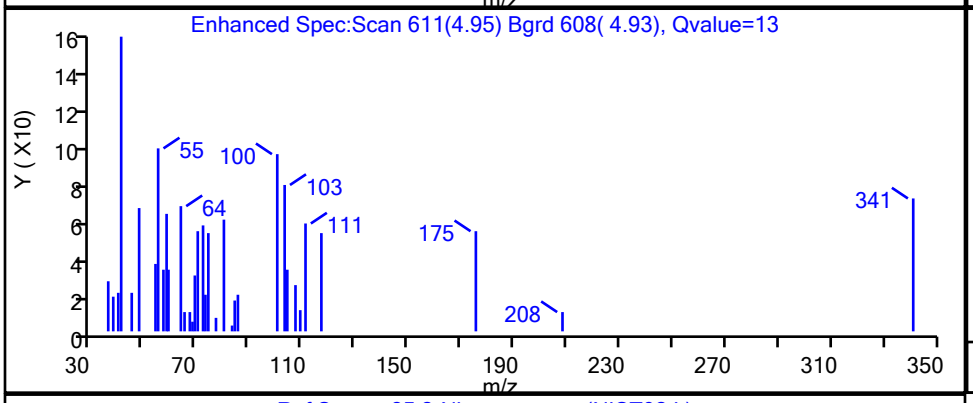
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

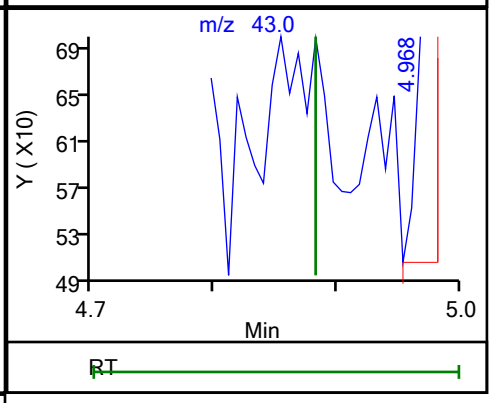
## 85 2-Nitropropane, CAS: 79-46-9

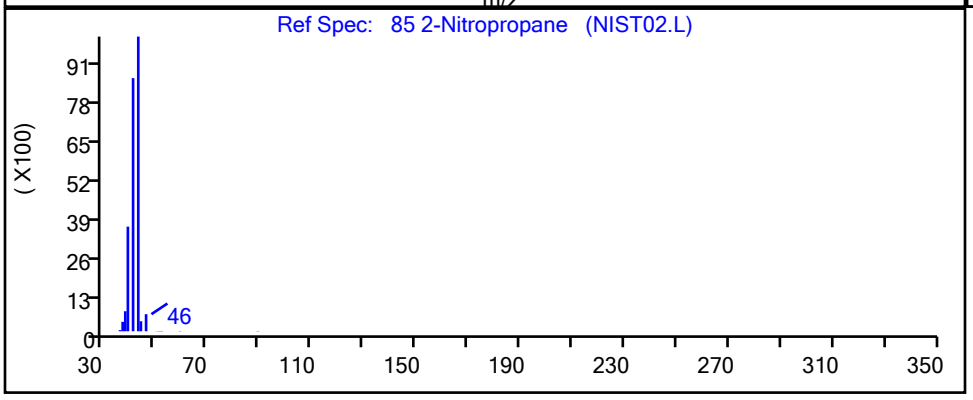
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.95 | 41.00 | 160 | |
| 4.97 | 43.00 | 121 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

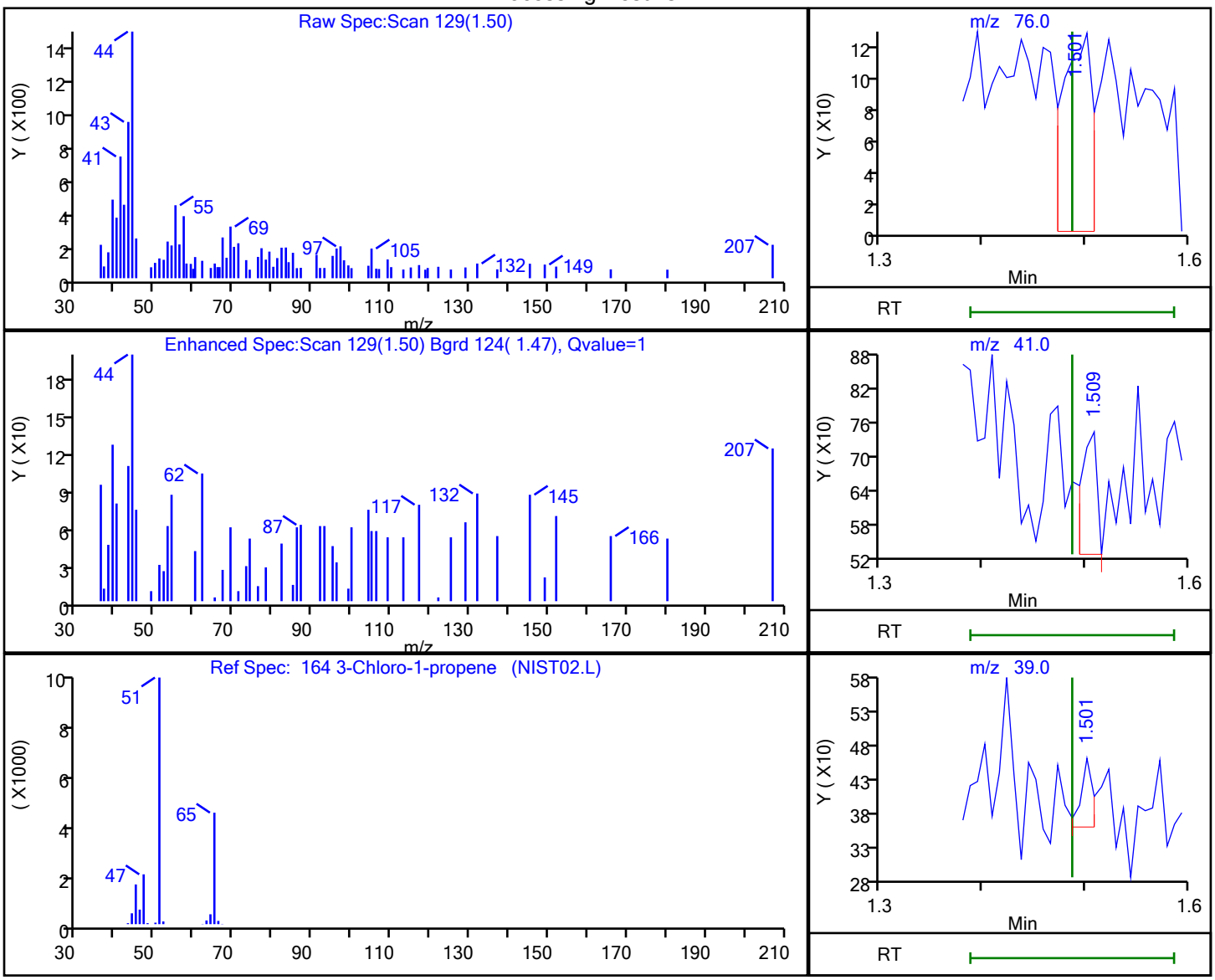
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 164 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.50 | 76.00 | 254 | 0.146502 |
| 1.51 | 41.00 | 224 | |
| 1.50 | 39.00 | 82 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

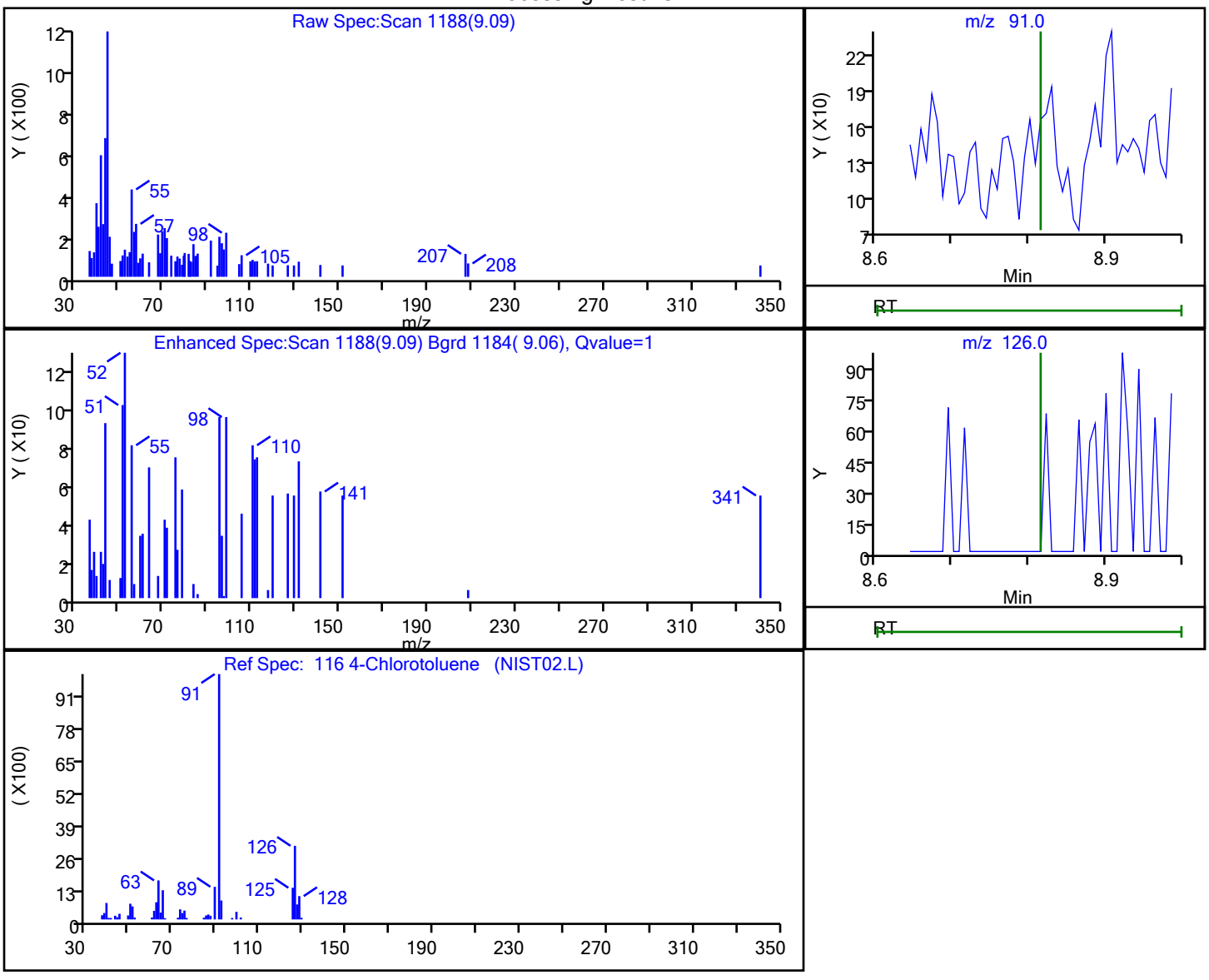
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 116 4-Chlorotoluene, CAS: 106-43-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.09 | 91.00 | 216 | 0.036350 |
| 9.08 | 126.00 | 67 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

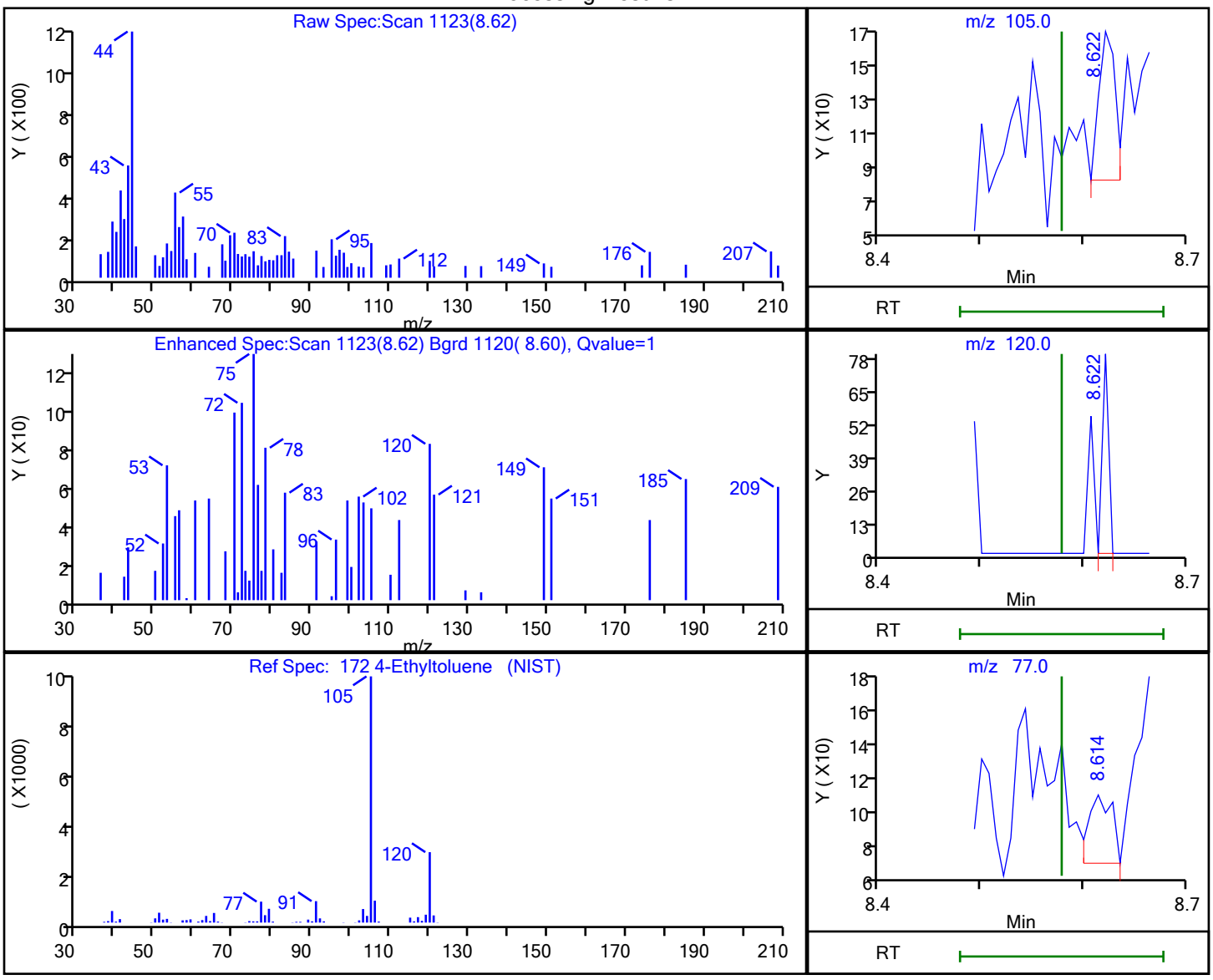
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 172 4-Ethyltoluene, CAS: 622-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.62 | 105.00 | 89 | |
| 8.62 | 120.00 | 34 | |
| 8.61 | 77.00 | 61 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

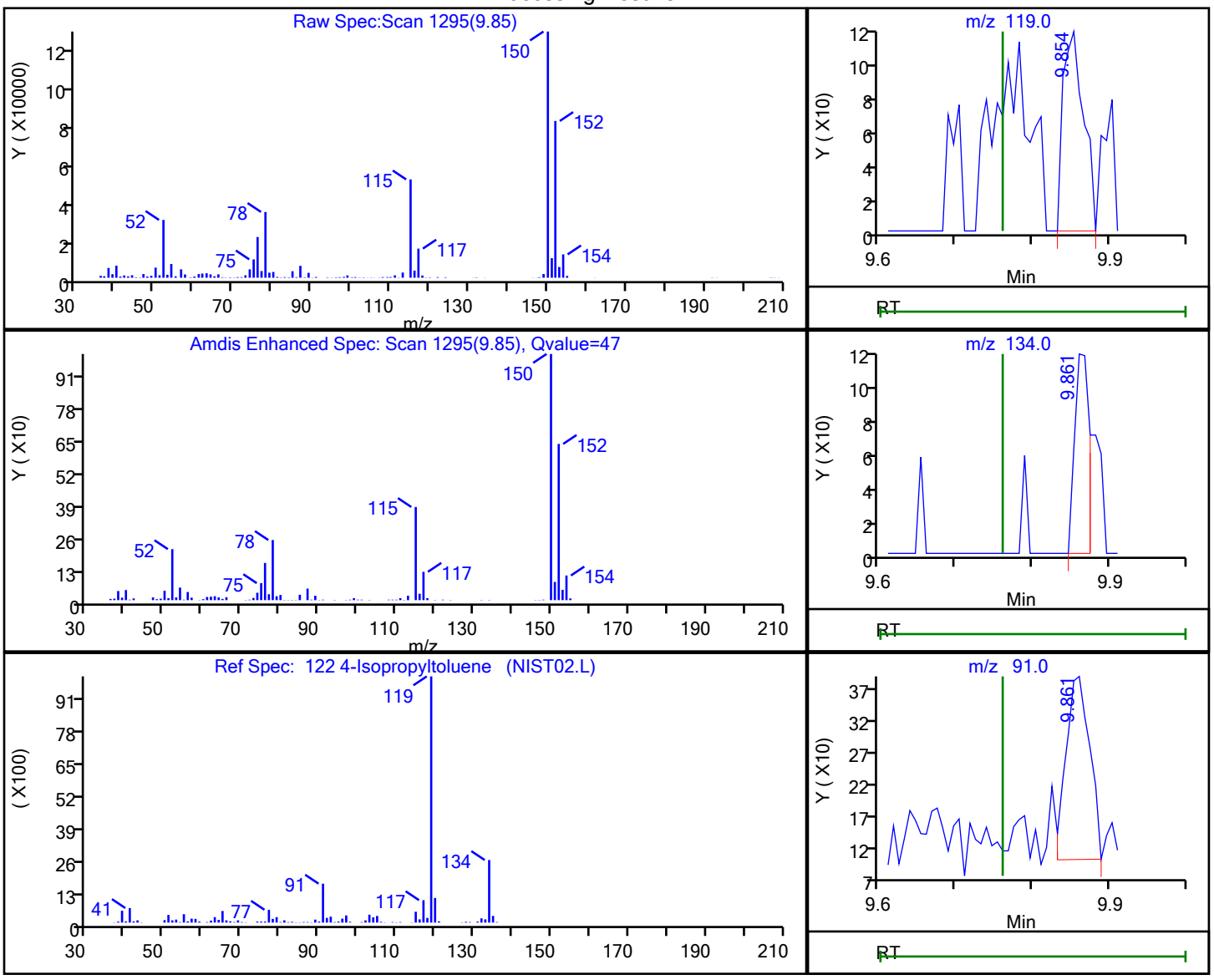
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 122 4-Isopropyltoluene, CAS: 99-87-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.85 | 119.00 | 220 | 0.022661 |
| 9.86 | 134.00 | 158 | |
| 9.86 | 91.00 | 620 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

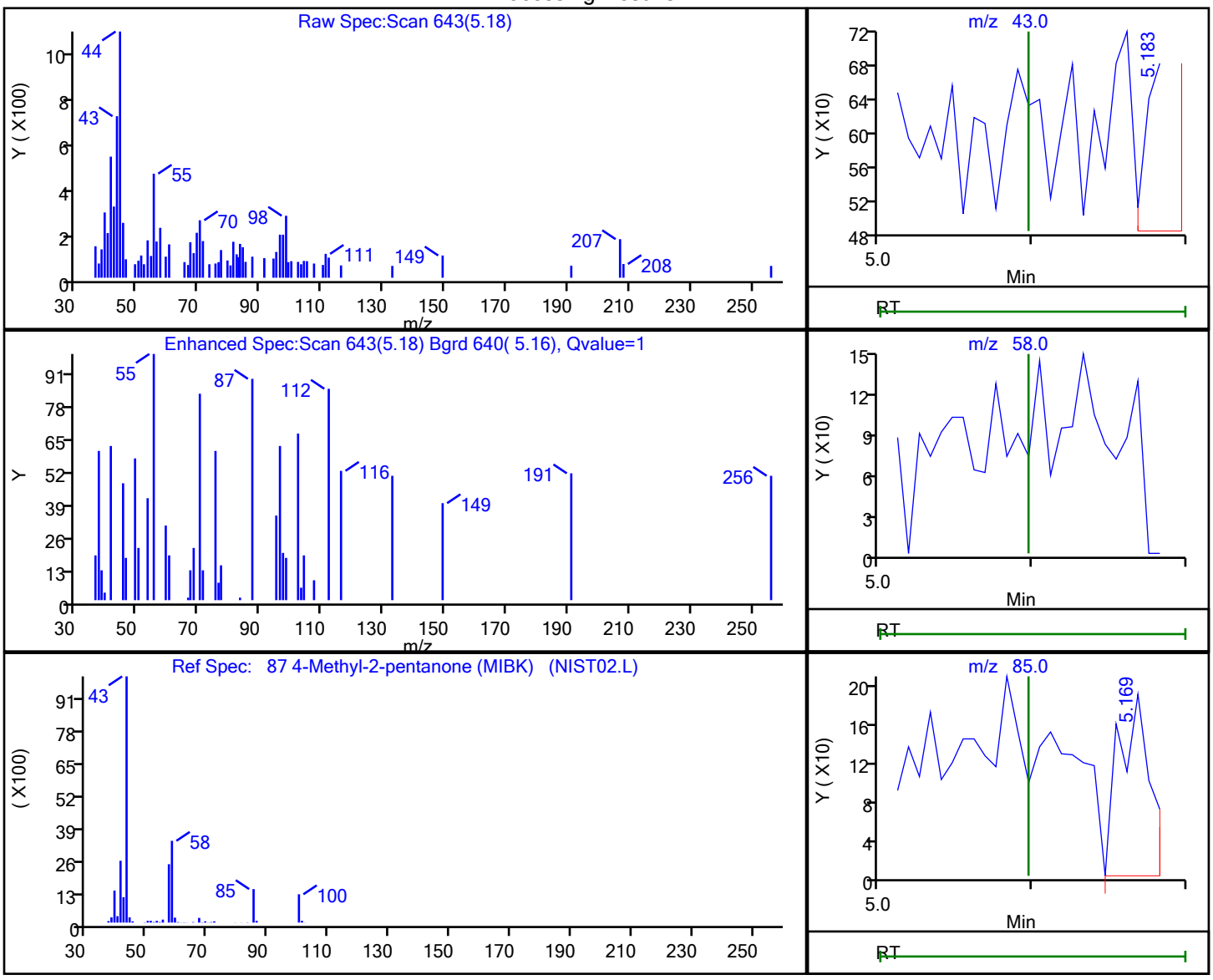
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 87 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.18 | 43.00 | 228 | 0.120238 |
| 5.20 | 58.00 | 115 | |
| 5.17 | 85.00 | 260 | |
| 5.19 | 100.00 | 227 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

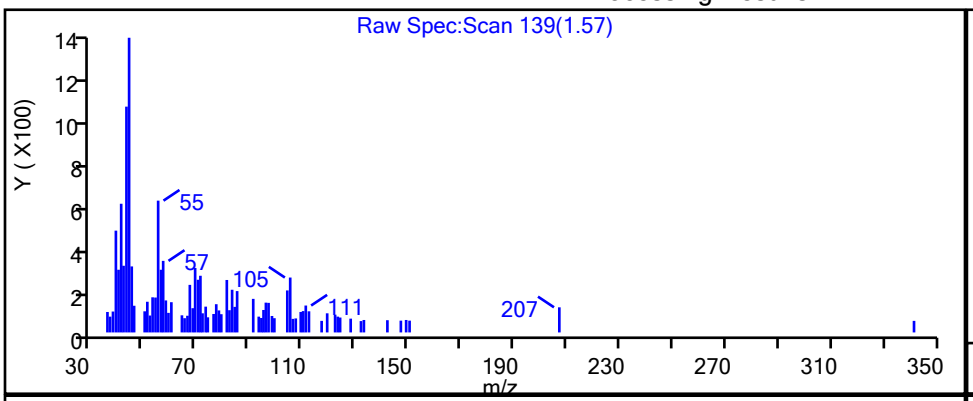
User Disabled Compound Report

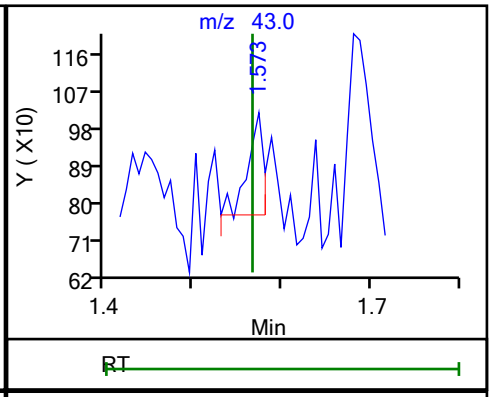
Eurofins TestAmerica, Edison

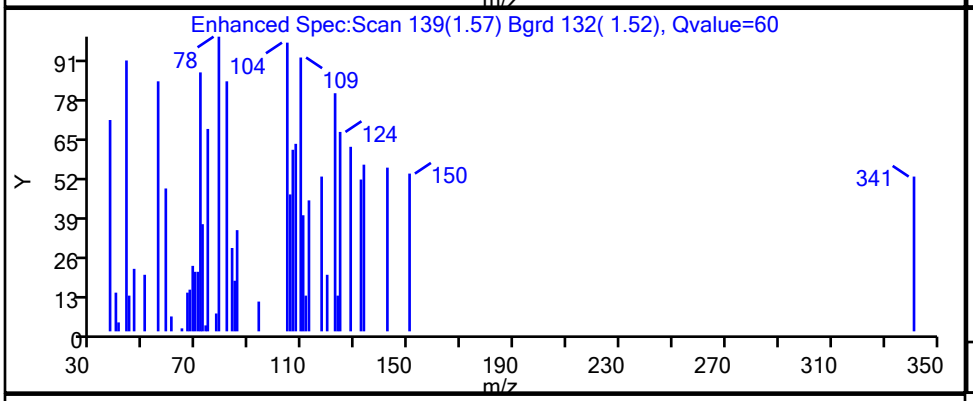
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

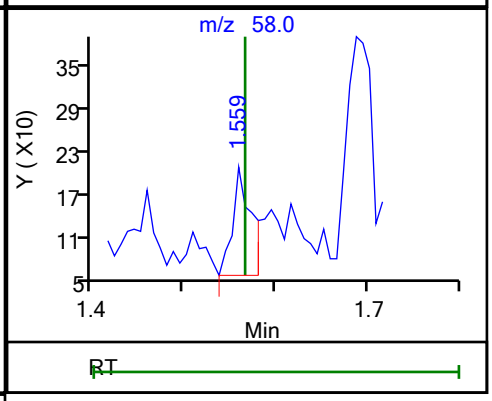
## 28 Acetone, CAS: 67-64-1

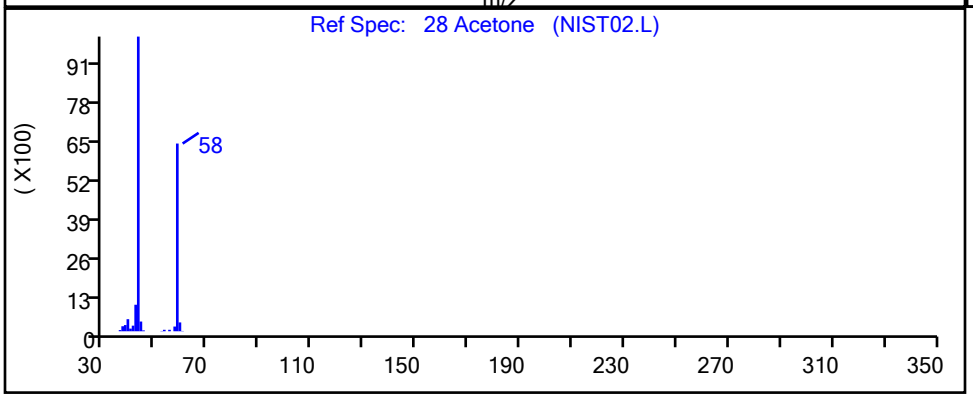
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.57 | 43.00 | 309 | 0.611710 |
| 1.56 | 58.00 | 214 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:51

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

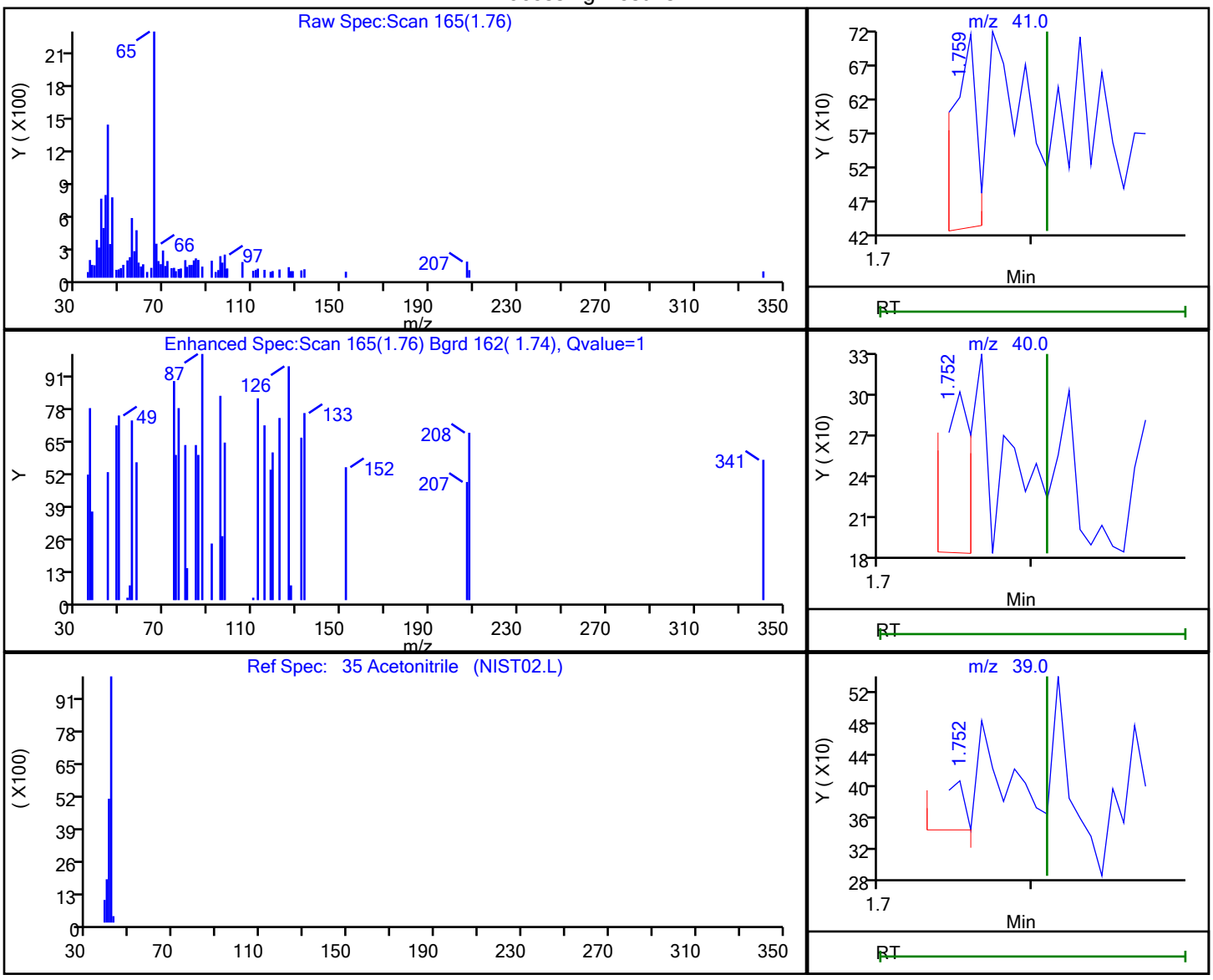
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 35 Acetonitrile, CAS: 75-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.76 | 41.00 | 298 | 1.022218 |
| 1.75 | 40.00 | 158 | |
| 1.75 | 39.00 | 70 | |
| 1.75 | 38.00 | 65 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

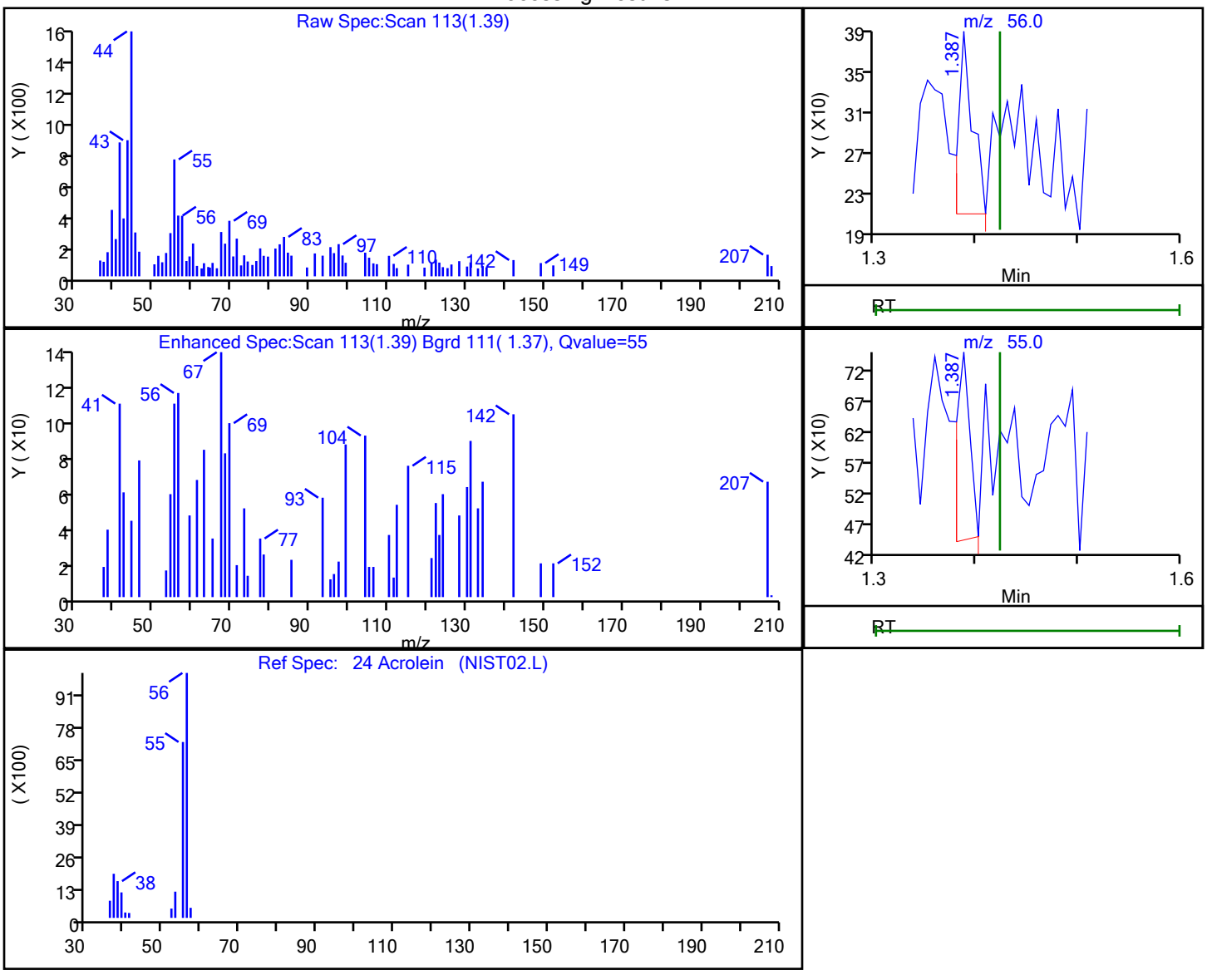
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 24 Acrolein, CAS: 107-02-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.39 | 56.00 | 163 | 0.845889 |
| 1.39 | 55.00 | 270 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

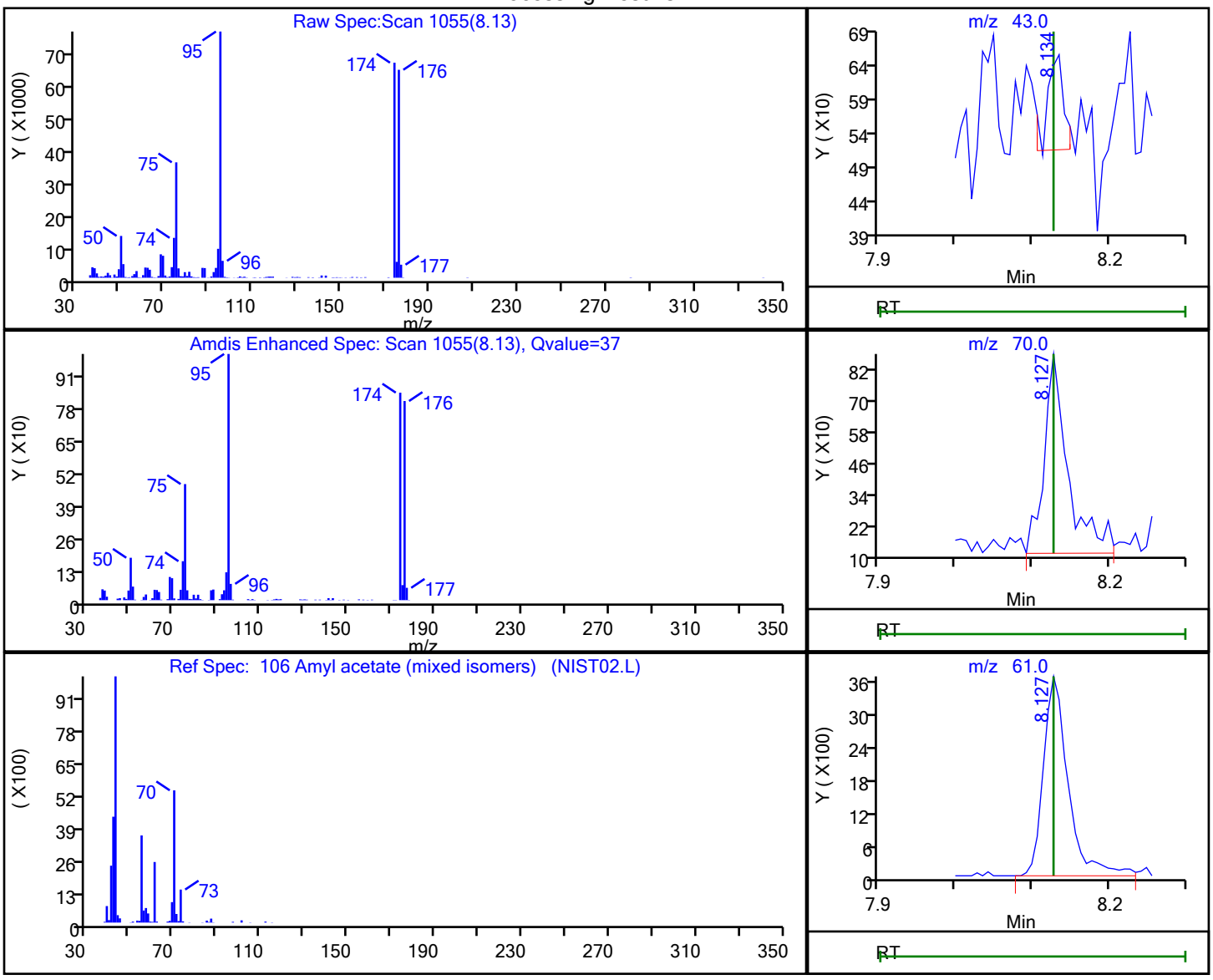
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 106 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.13 | 43.00 | 210 | 0.939281 |
| 8.13 | 70.00 | 1643 | |
| 8.13 | 61.00 | 8128 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

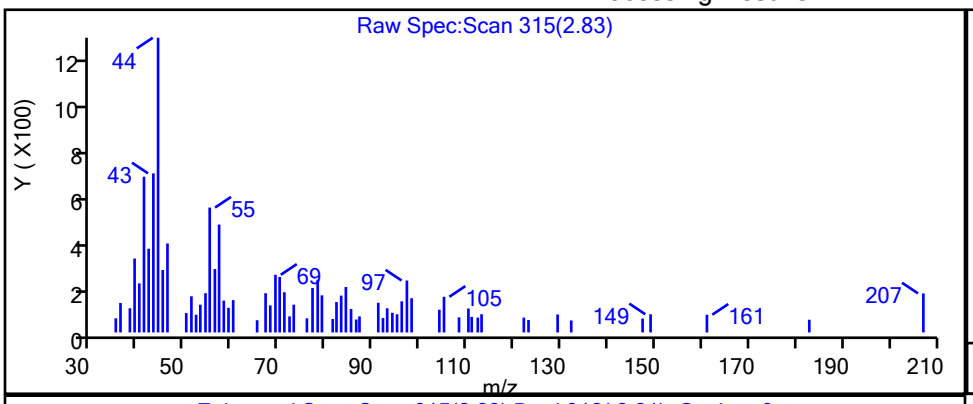
User Disabled Compound Report

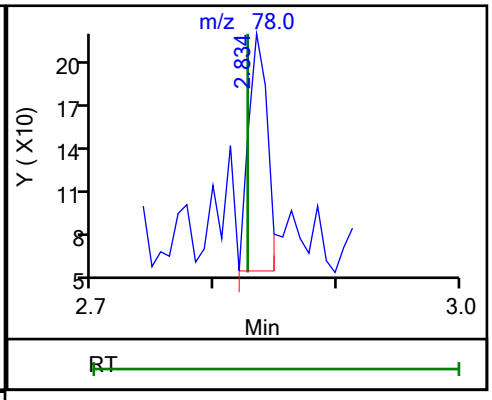
Eurofins TestAmerica, Edison

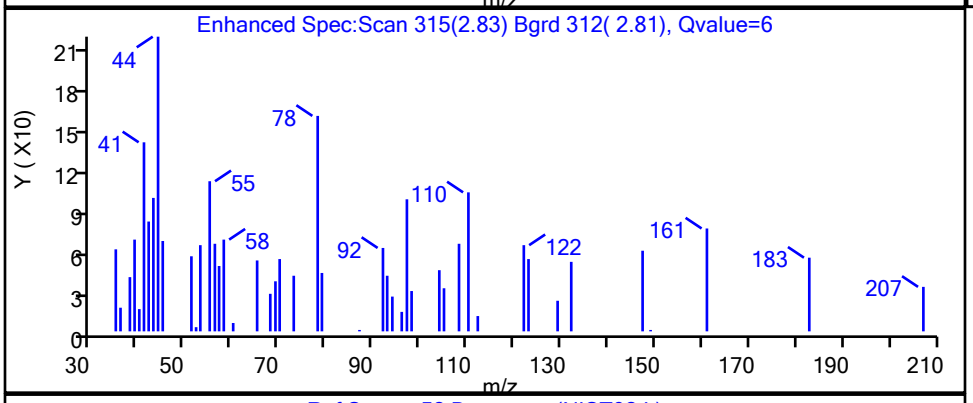
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

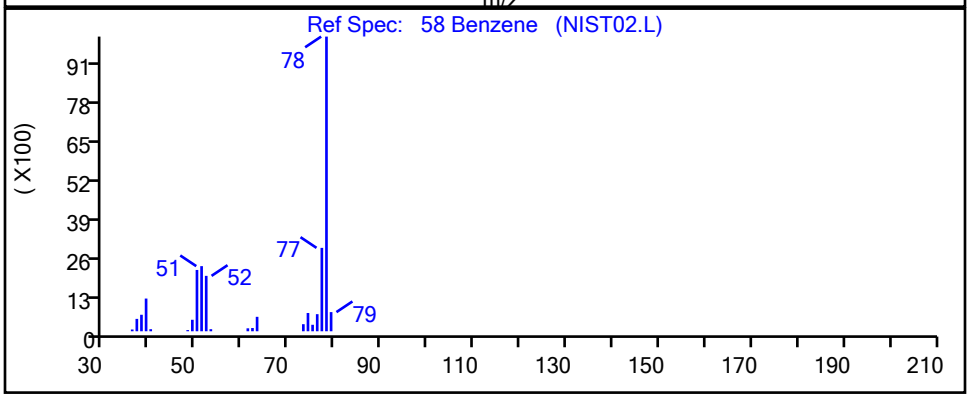
## 58 Benzene, CAS: 71-43-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.83 | 78.00 | 174 | 0.013635 |

Reviewer: delpolitov, 13-Sep-2021 17:03:08

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

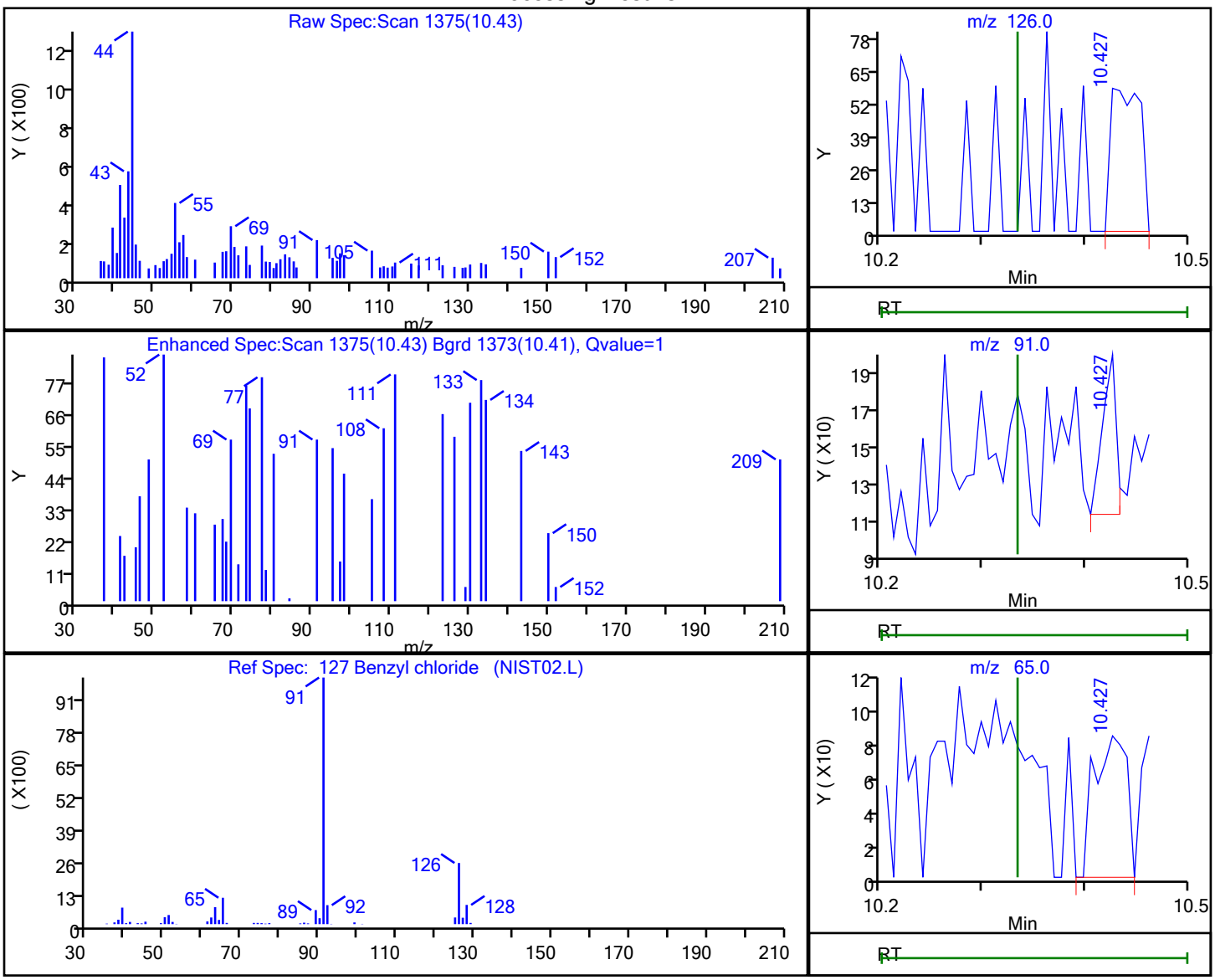
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 127 Benzyl chloride, CAS: 100-44-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.43 | 126.00 | 118 | 0.133912 |
| 10.43 | 91.00 | 79 | |
| 10.43 | 65.00 | 176 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48

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

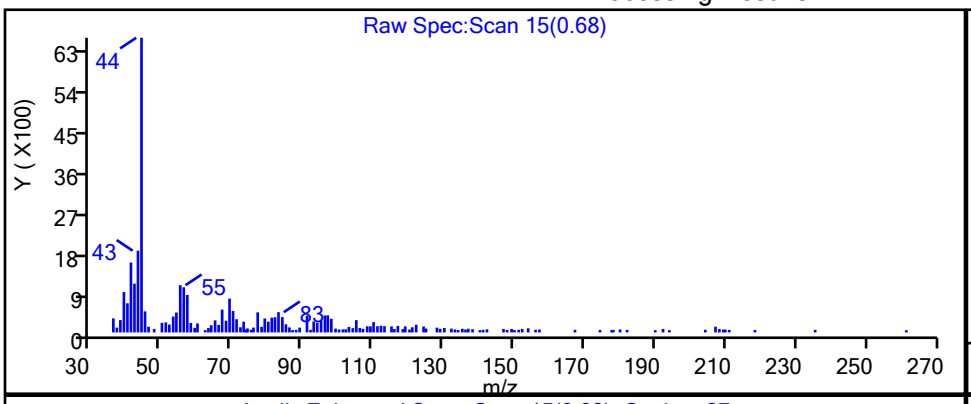
User Disabled Compound Report

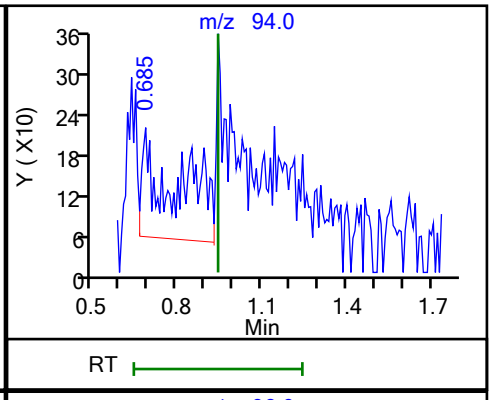
Eurofins TestAmerica, Edison

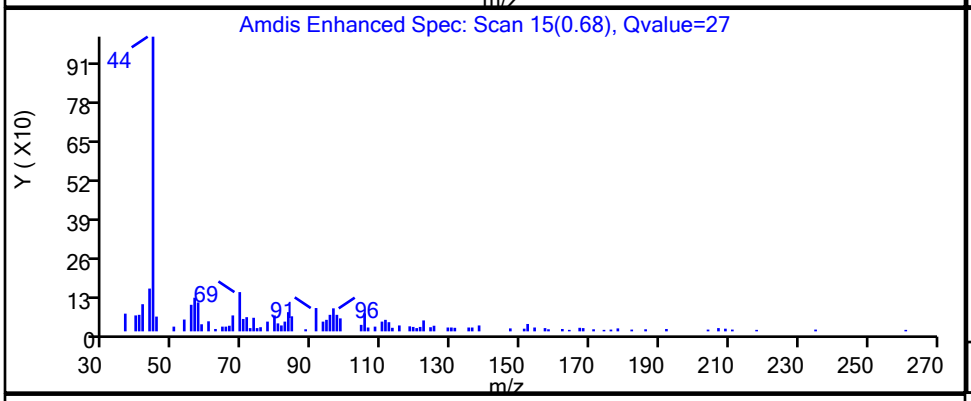
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

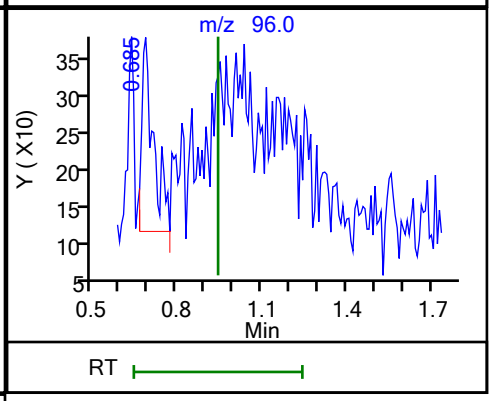
## 9 Bromomethane, CAS: 74-83-9

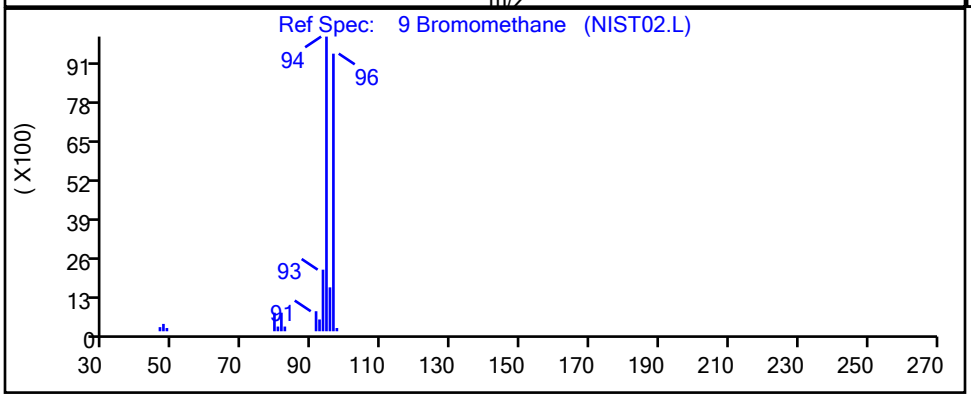
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 0.68 | 94.00 | 1344 | 0.249913 |
| 0.68 | 96.00 | 760 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

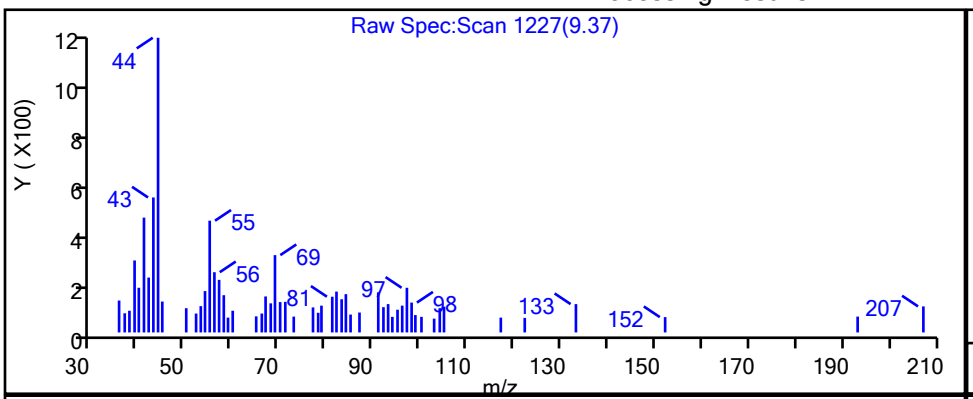
User Disabled Compound Report

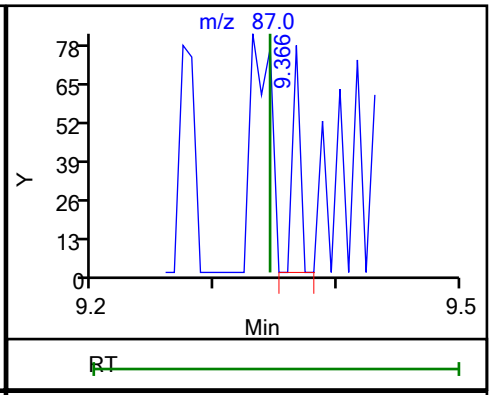
Eurofins TestAmerica, Edison

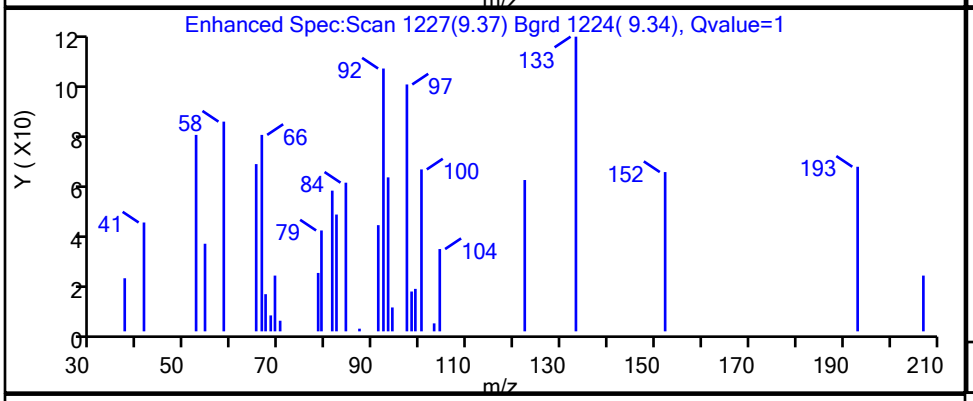
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

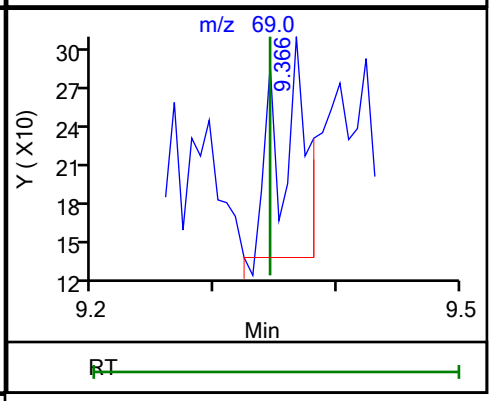
## 119 Butyl Methacrylate, CAS: 97-88-1

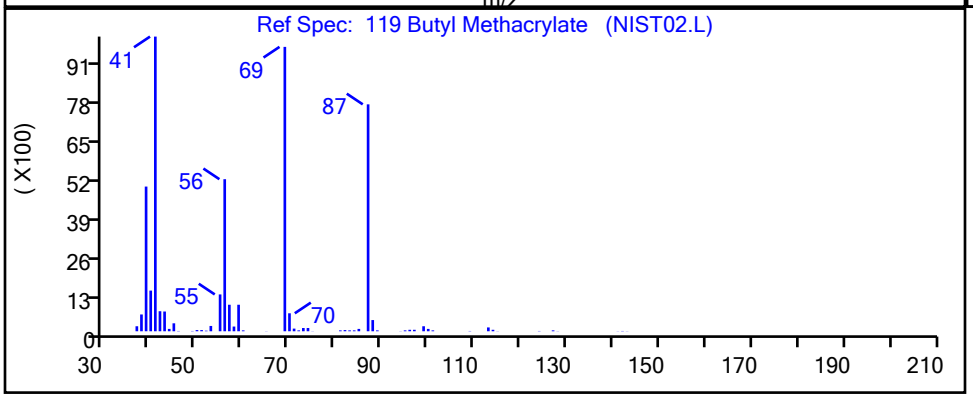
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.37 | 87.00 | 34 | 0.008525 |
| 9.37 | 69.00 | 249 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48

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

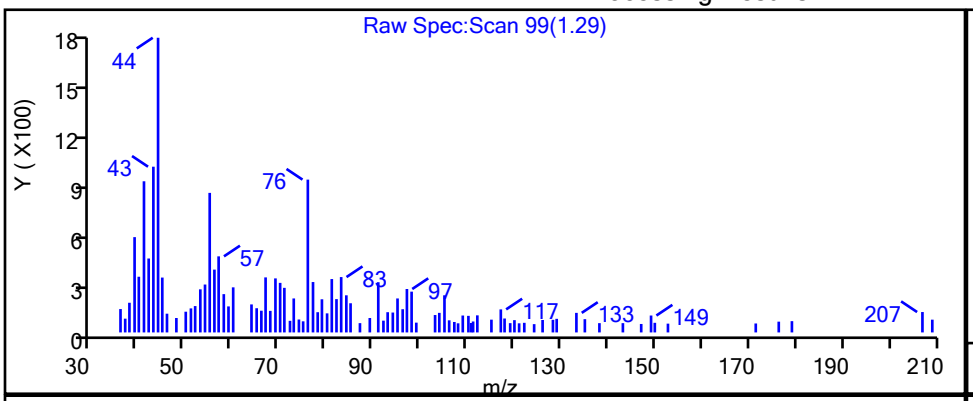
User Disabled Compound Report

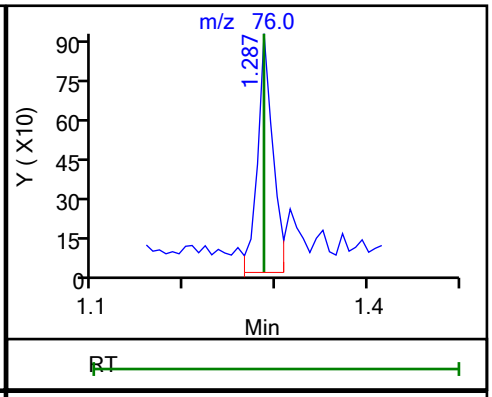
Eurofins TestAmerica, Edison

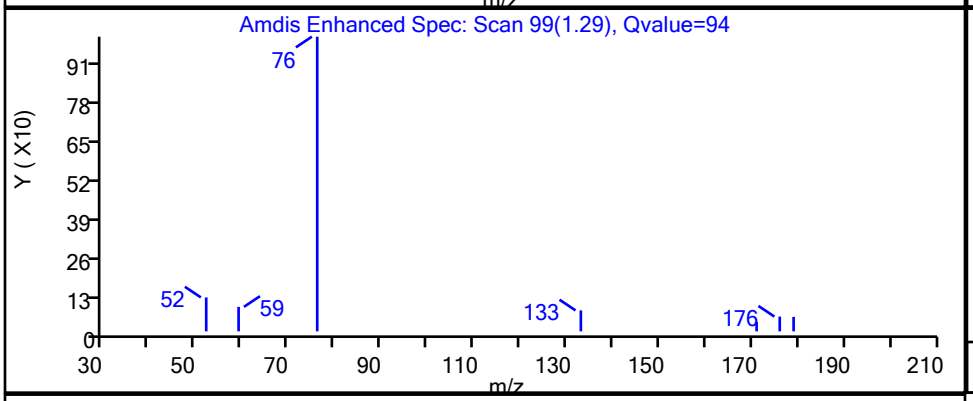
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

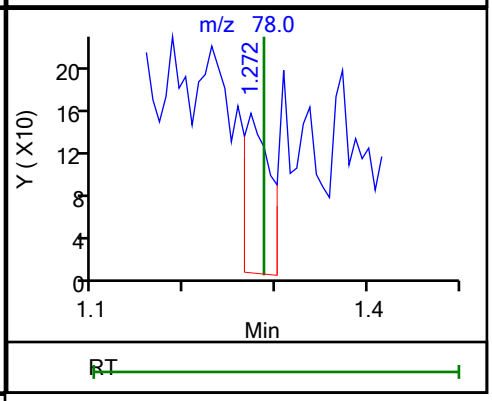
## 19 Carbon disulfide, CAS: 75-15-0

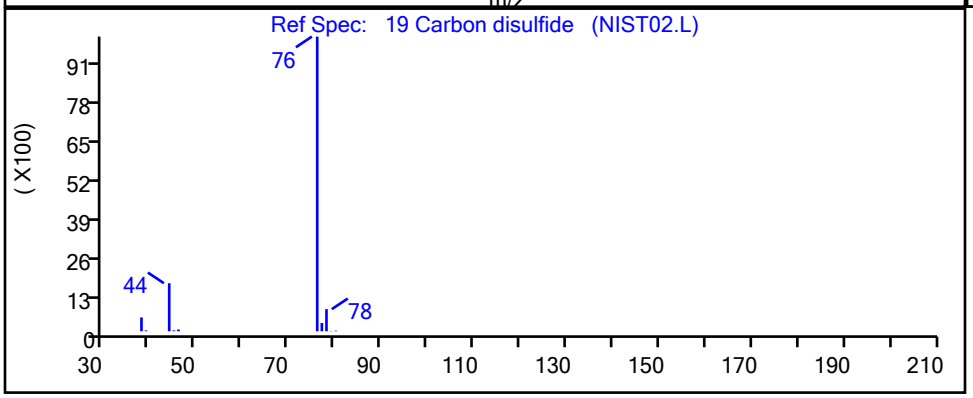
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.29 | 76.00 | 1087 | 0.101766 |
| 1.27 | 78.00 | 307 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

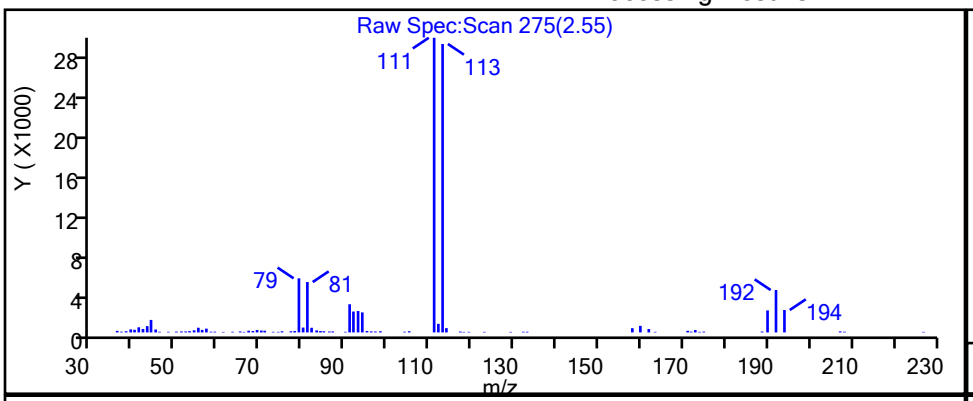
User Disabled Compound Report

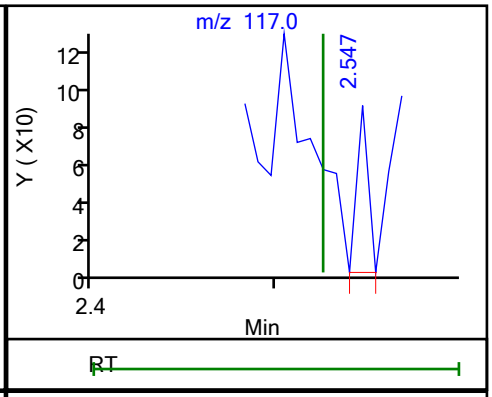
Eurofins TestAmerica, Edison

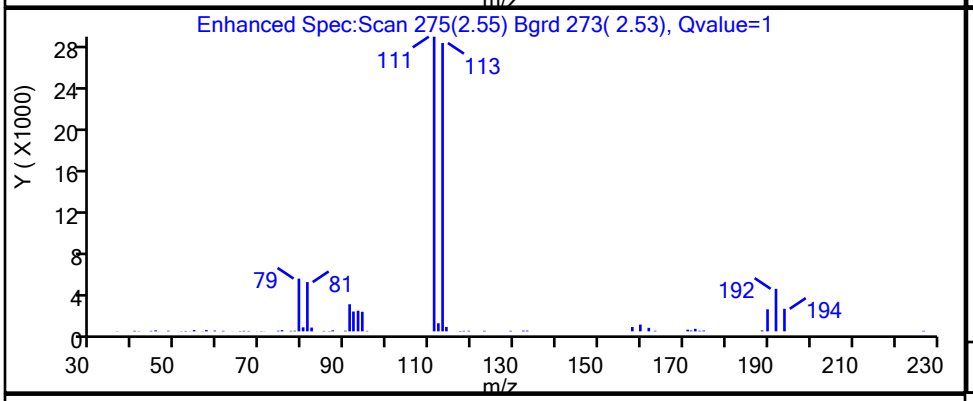
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

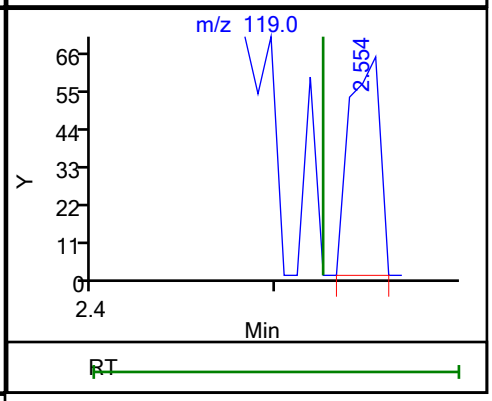
## 47 Carbon tetrachloride, CAS: 56-23-5

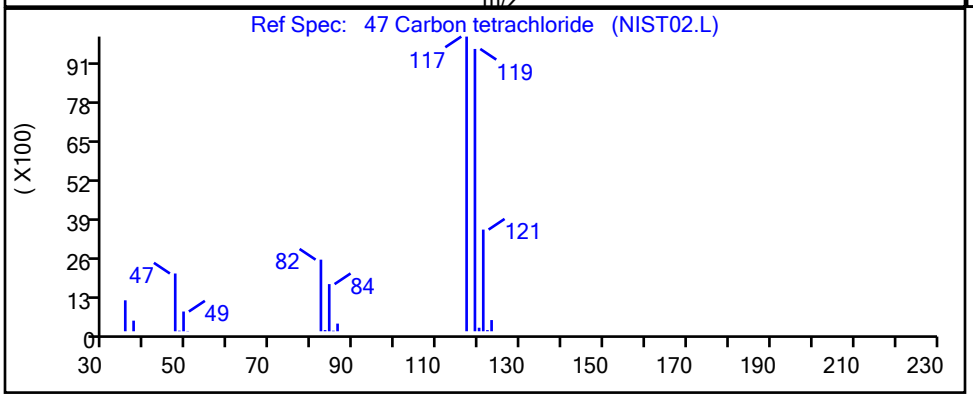
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.55 | 117.00 | 37 | 0.009839 |
| 2.55 | 119.00 | 75 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

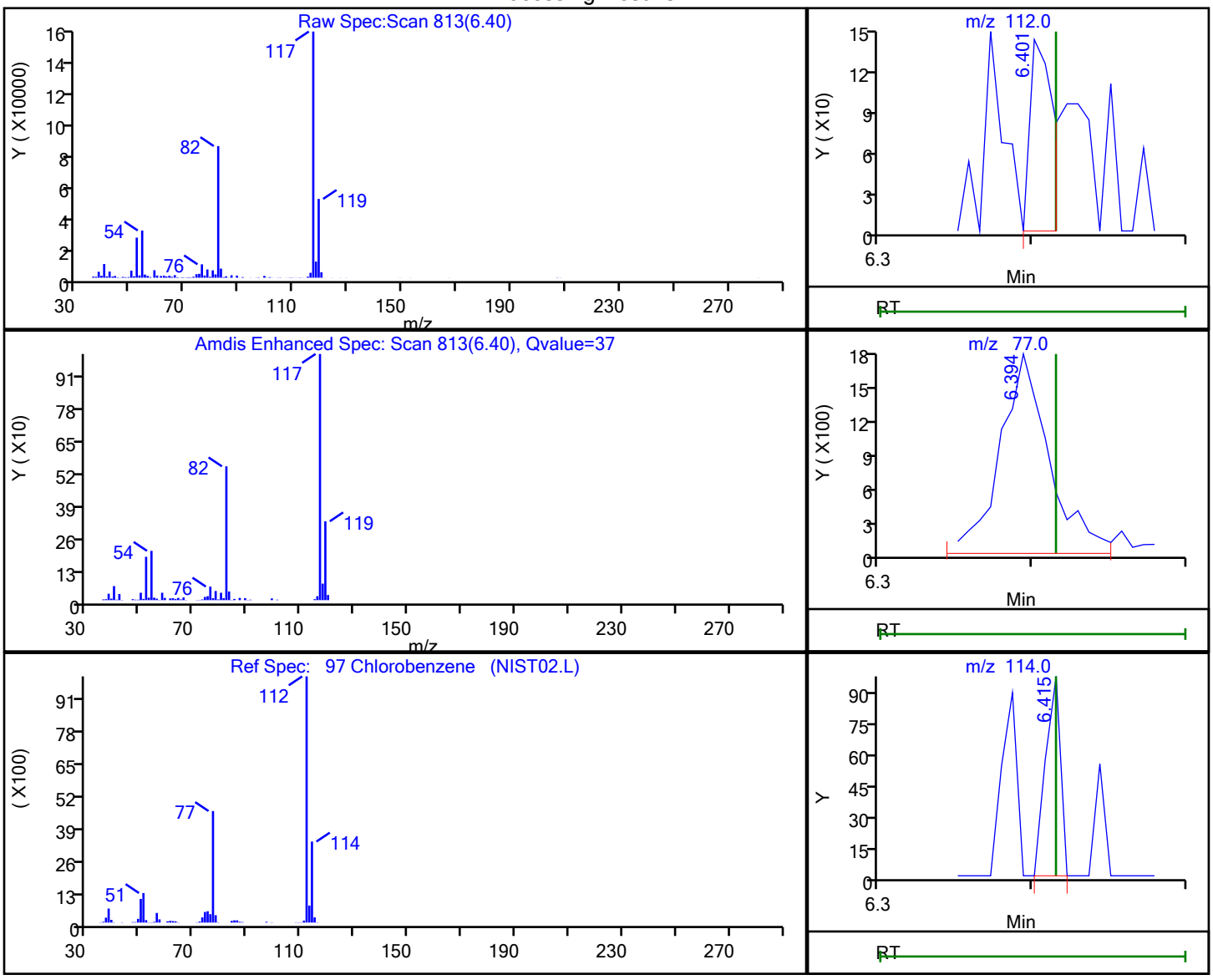
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 97 Chlorobenzene, CAS: 108-90-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.40 | 112.00 | 150 | 0.018800 |
| 6.39 | 77.00 | 3701 | |
| 6.42 | 114.00 | 67 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

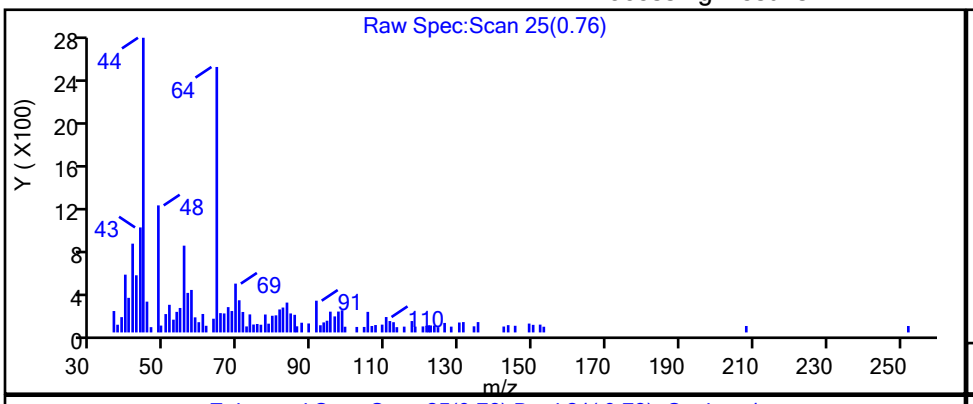
User Disabled Compound Report

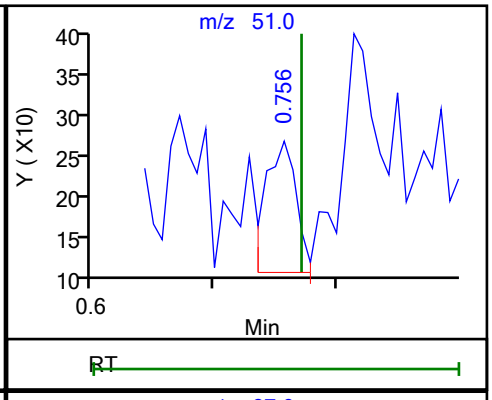
Eurofins TestAmerica, Edison

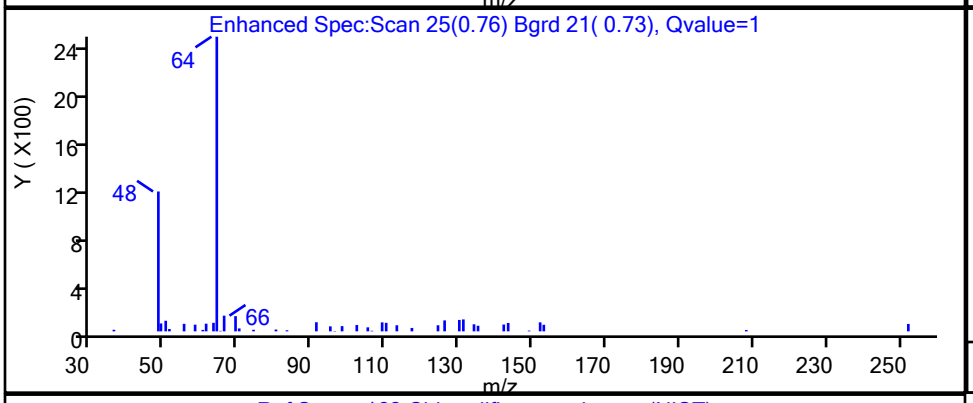
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

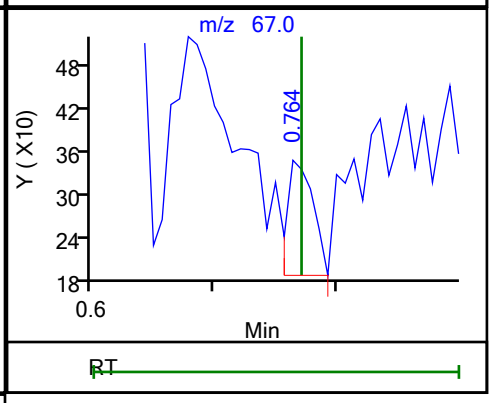
## 168 Chlorodifluoromethane, CAS: 75-45-6

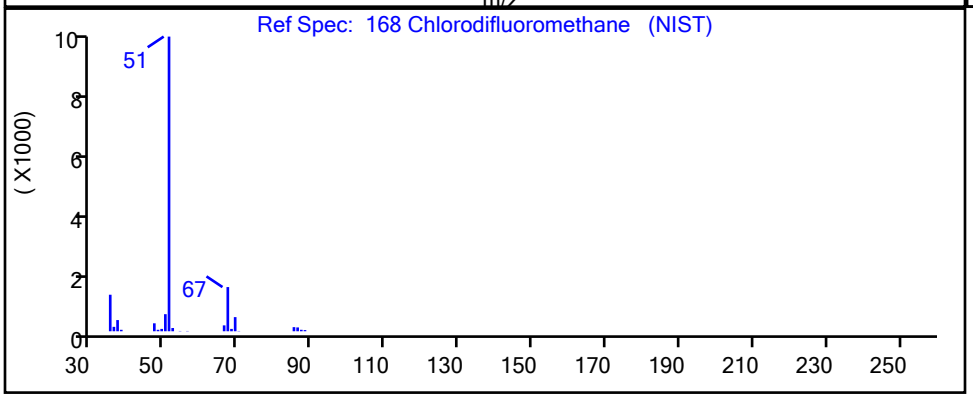
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 0.76 | 51.00 | 282 | |
| 0.76 | 67.00 | 236 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:35

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

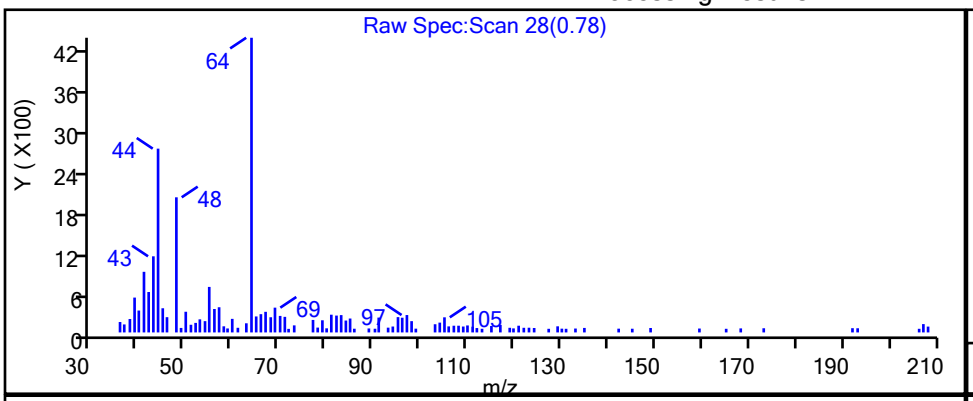
User Disabled Compound Report

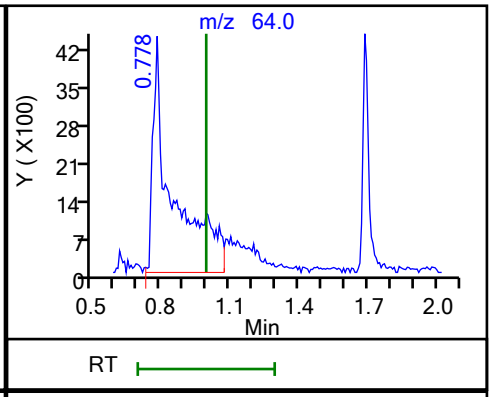
Eurofins TestAmerica, Edison

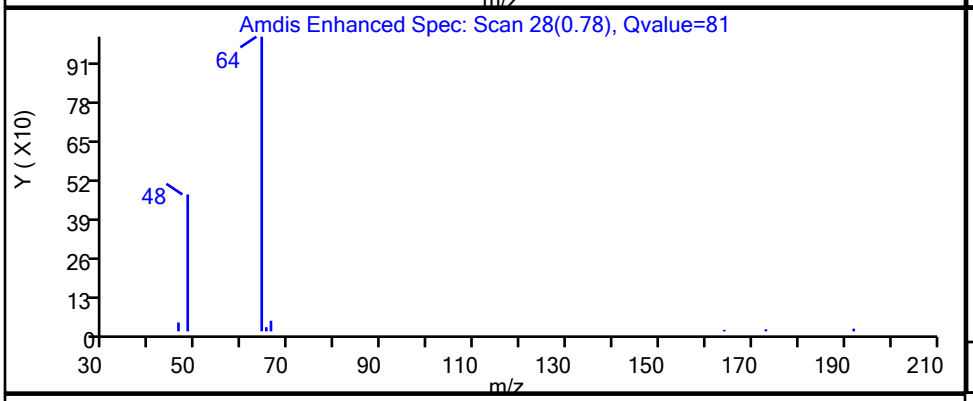
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

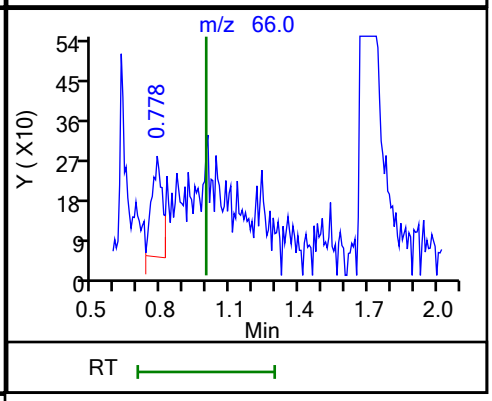
## 10 Chloroethane, CAS: 75-00-3

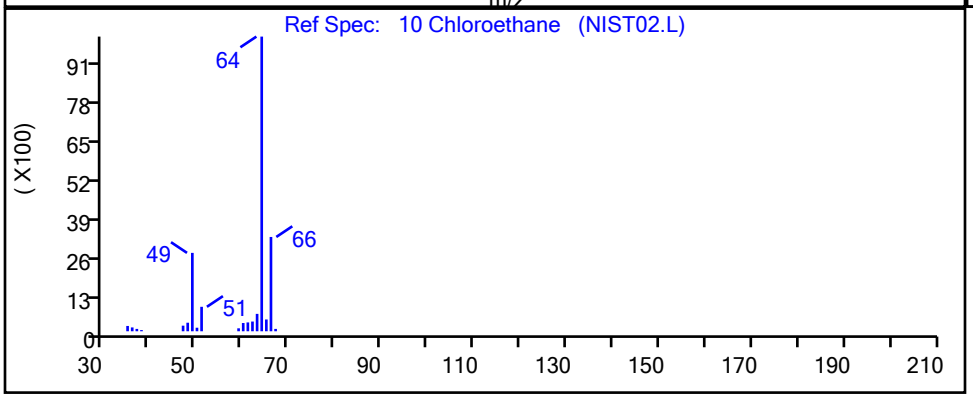
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 0.78 | 64.00 | 26081 | 1.393532 |
| 0.78 | 66.00 | 725 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

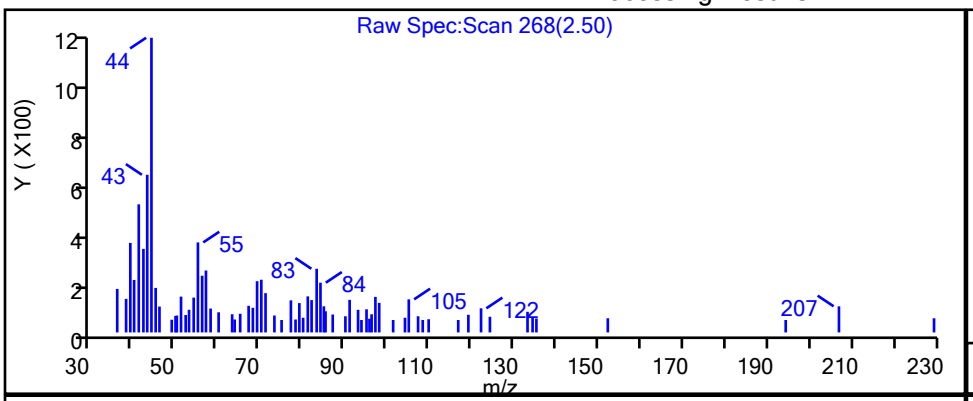
User Disabled Compound Report

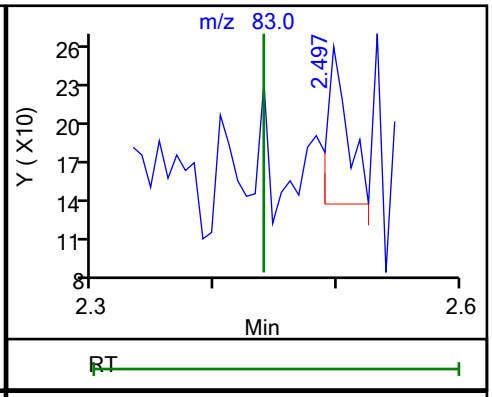
Eurofins TestAmerica, Edison

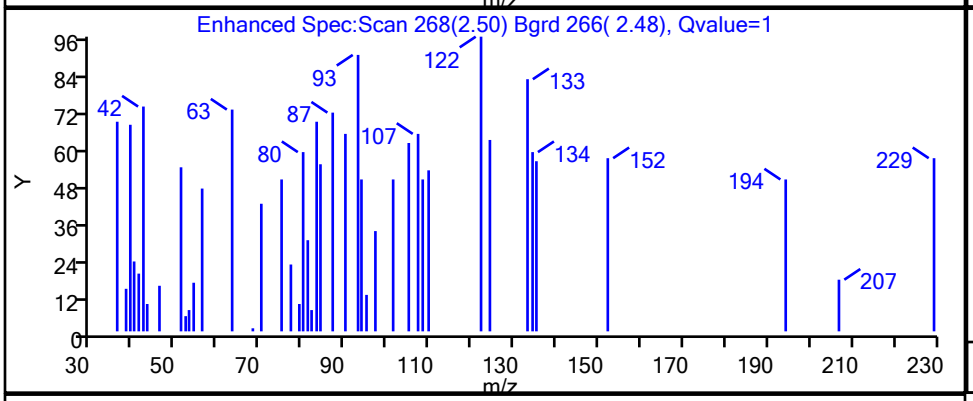
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

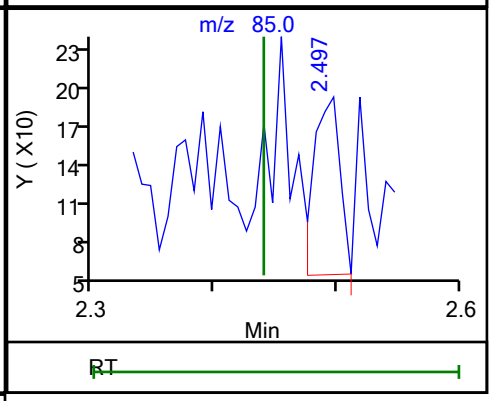
## 46 Chloroform, CAS: 67-66-3

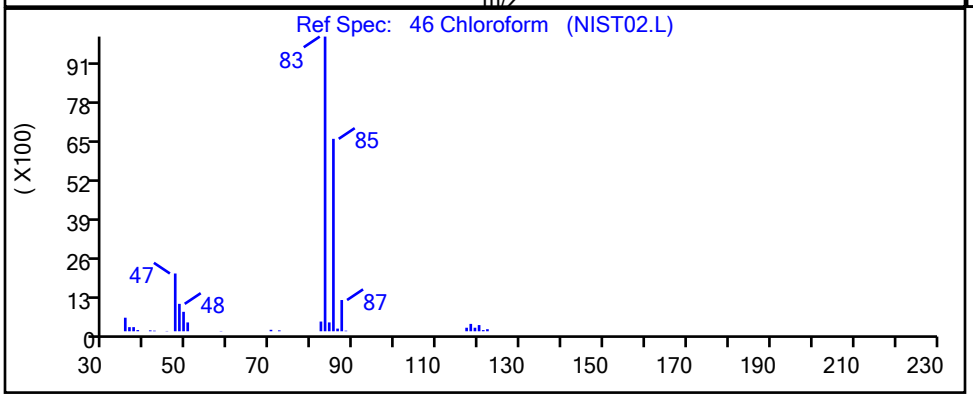
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.50 | 83.00 | 137 | 0.026028 |
| 2.50 | 85.00 | 198 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:07

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

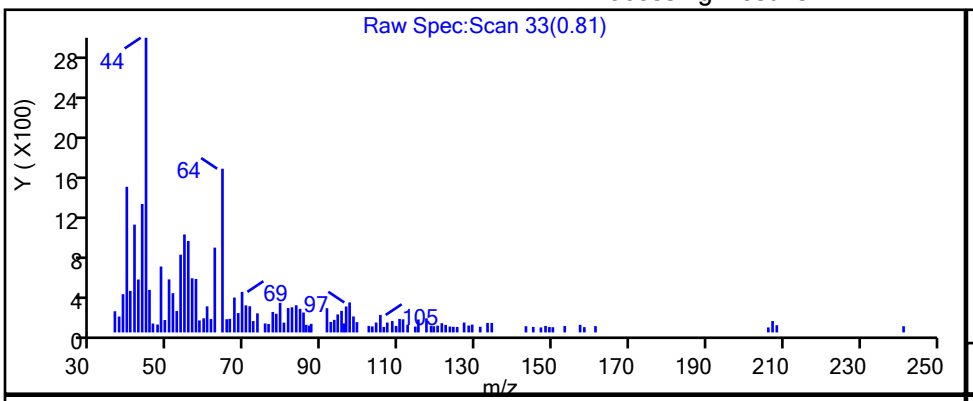
User Disabled Compound Report

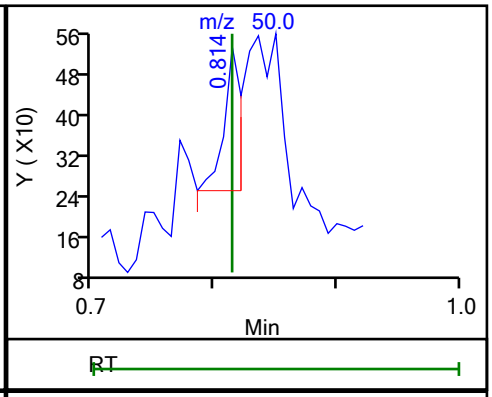
Eurofins TestAmerica, Edison

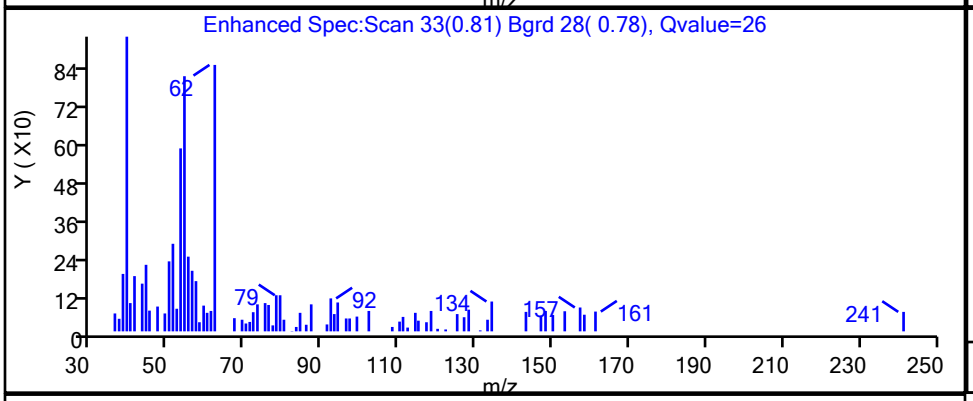
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

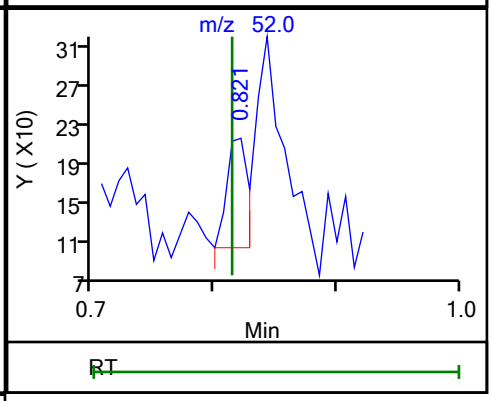
## 6 Chloromethane, CAS: 74-87-3

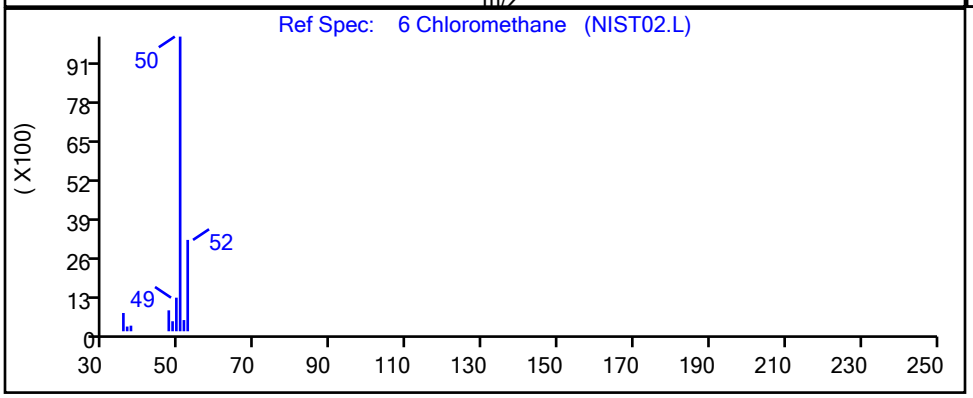
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 0.81 | 50.00 | 273 | 0.248424 |
| 0.82 | 52.00 | 135 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

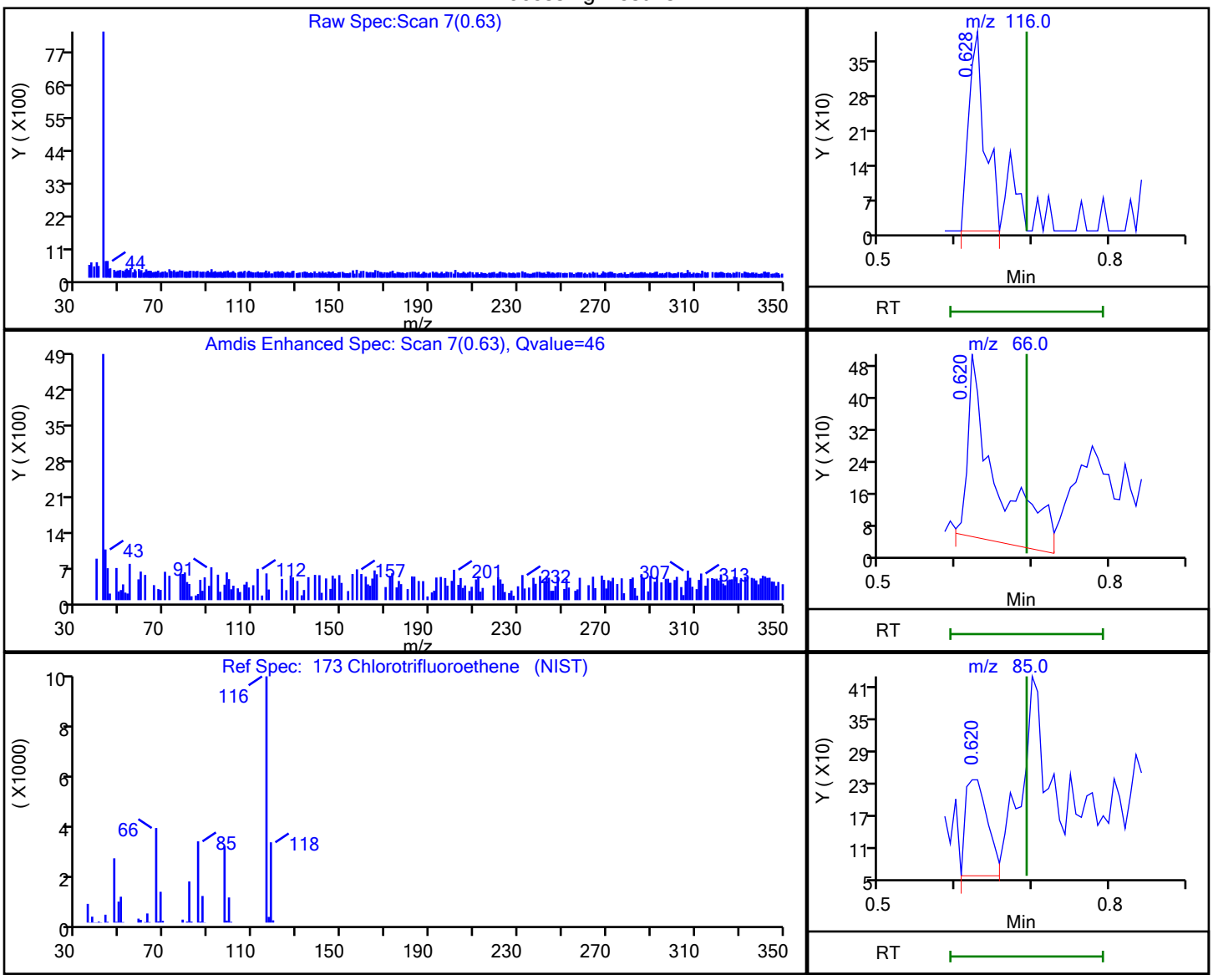
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 173 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 0.63 | 116.00 | 588 | |
| 0.62 | 66.00 | 1186 | |
| 0.62 | 85.00 | 362 | |
| 0.63 | 118.00 | 488 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

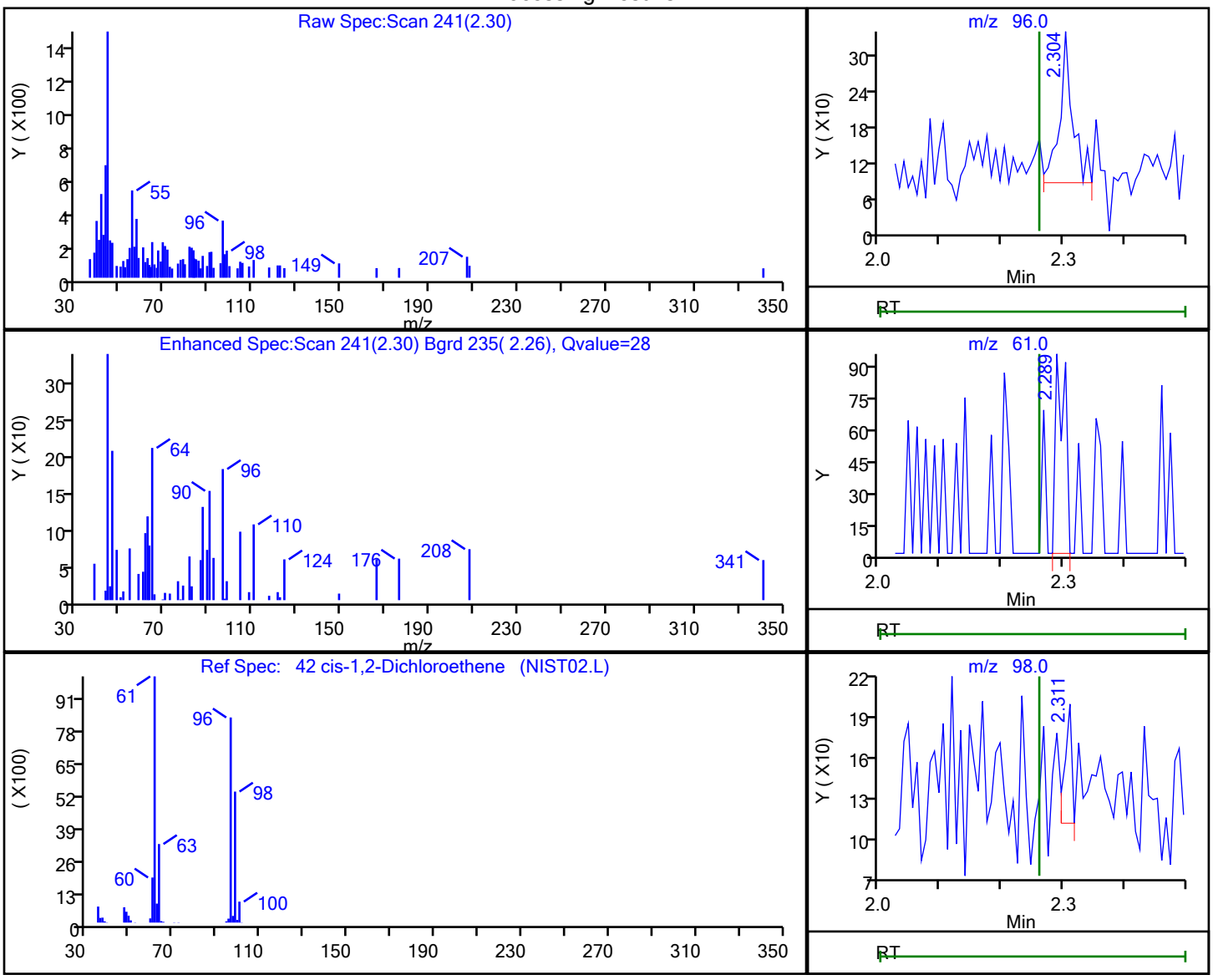
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 42 cis-1,2-Dichloroethene, CAS: 156-59-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.30 | 96.00 | 375 | 0.115070 |
| 2.29 | 61.00 | 104 | |
| 2.31 | 98.00 | 66 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:07

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

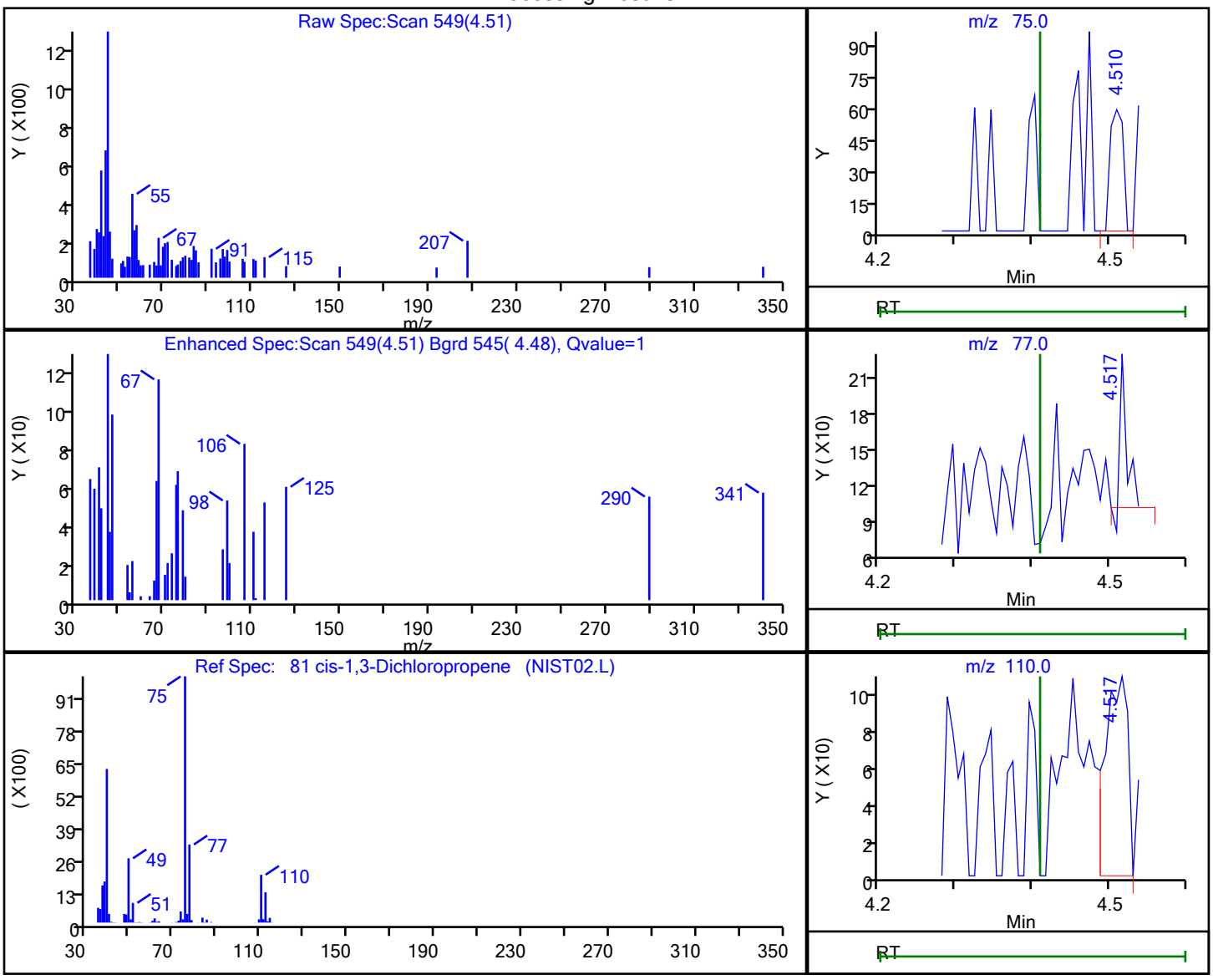
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.51 | 75.00 | 70 | 0.013927 |
| 4.52 | 77.00 | 83 | |
| 4.52 | 110.00 | 221 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

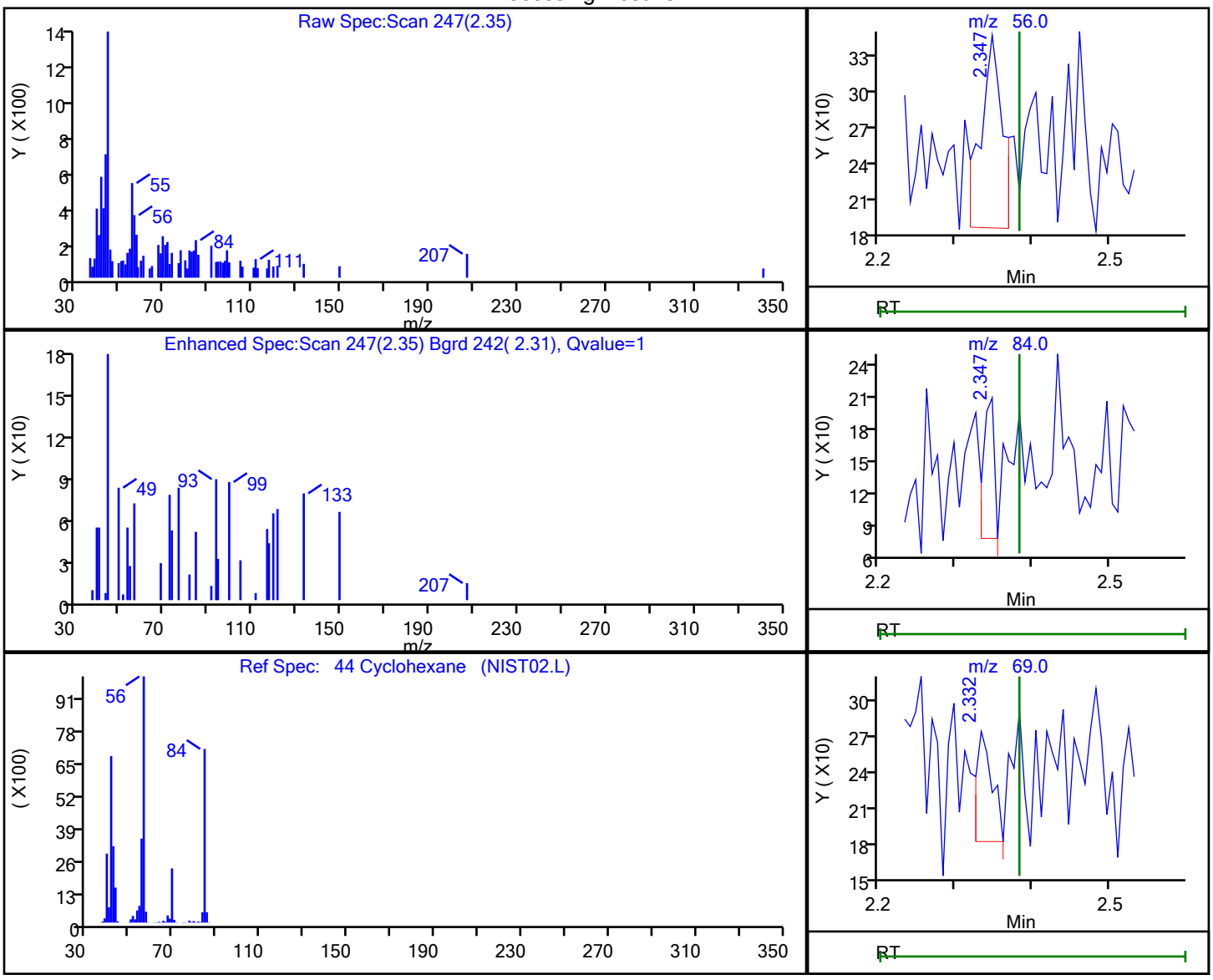
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 44 Cyclohexane, CAS: 110-82-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.35 | 56.00 | 309 | 0.066036 |
| 2.35 | 84.00 | 120 | |
| 2.33 | 69.00 | 130 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

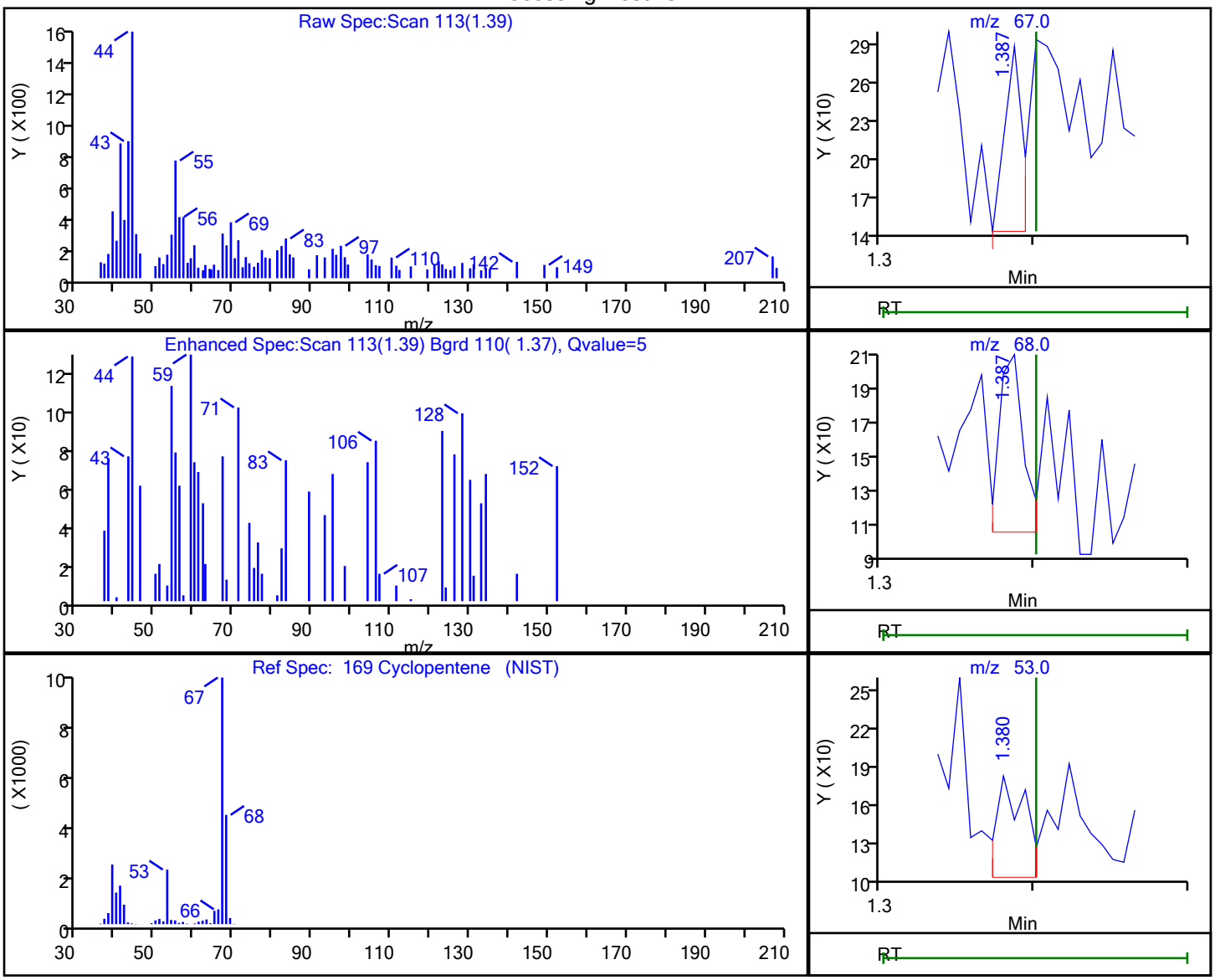
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 169 Cyclopentene, CAS: 142-29-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.39 | 67.00 | 113 | |
| 1.39 | 68.00 | 107 | |
| 1.38 | 53.00 | 98 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

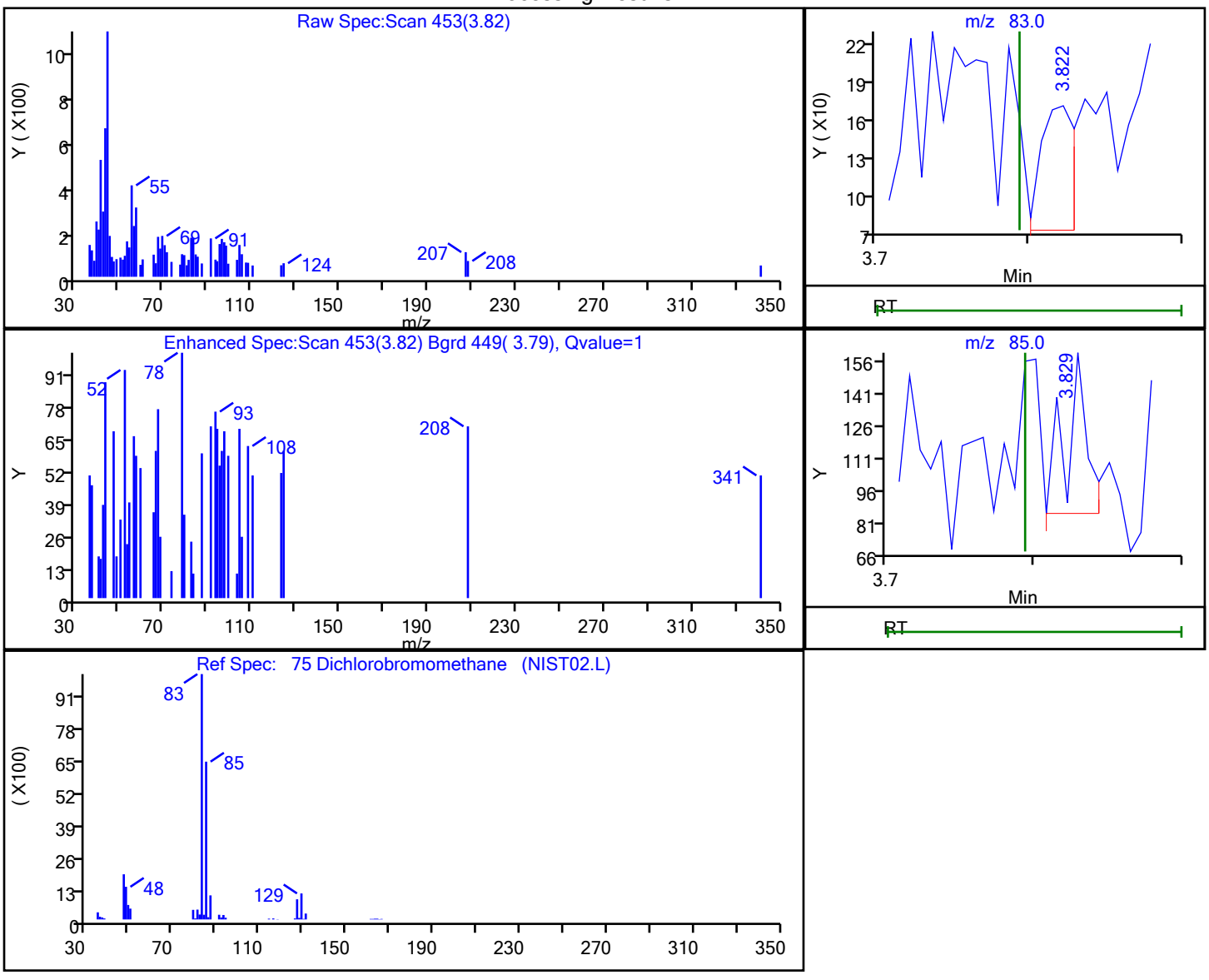
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 75 Dichlorobromomethane, CAS: 75-27-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.82 | 83.00 | 142 | 0.036364 |
| 3.83 | 85.00 | 76 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

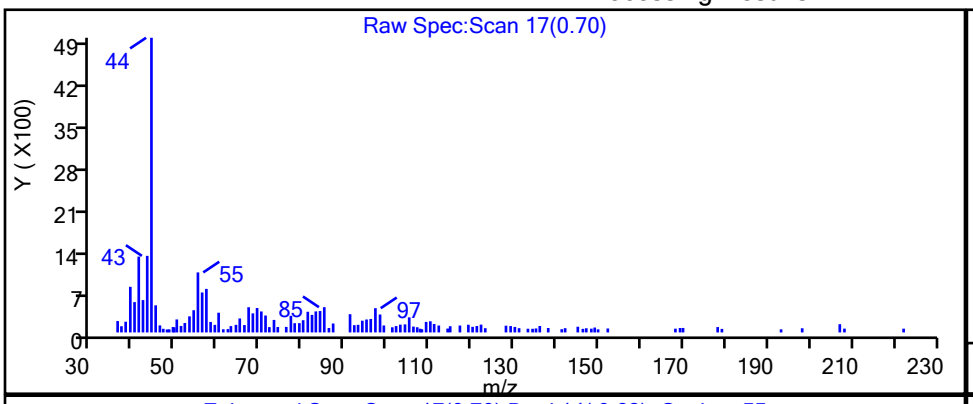
User Disabled Compound Report

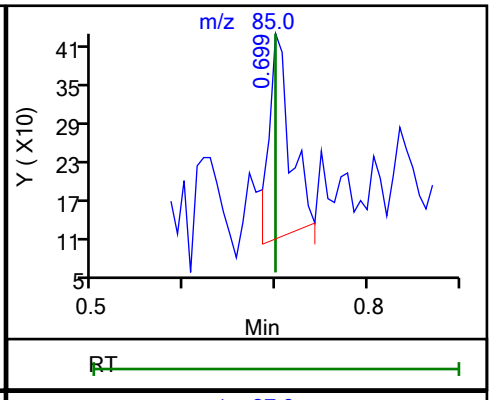
Eurofins TestAmerica, Edison

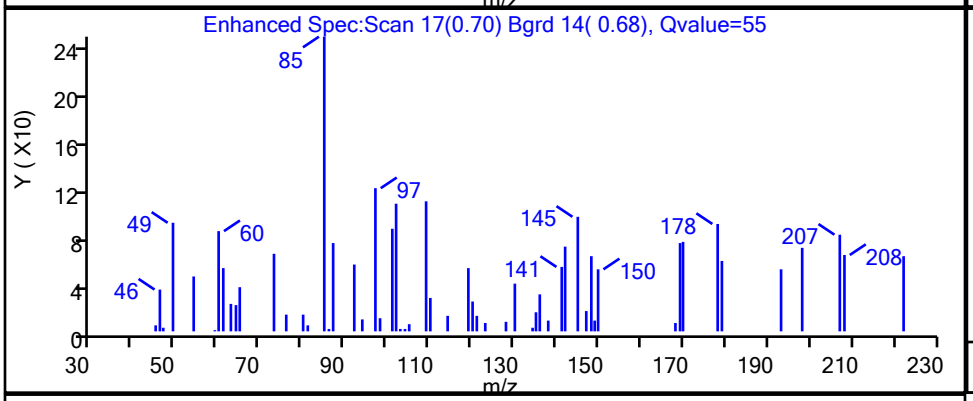
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

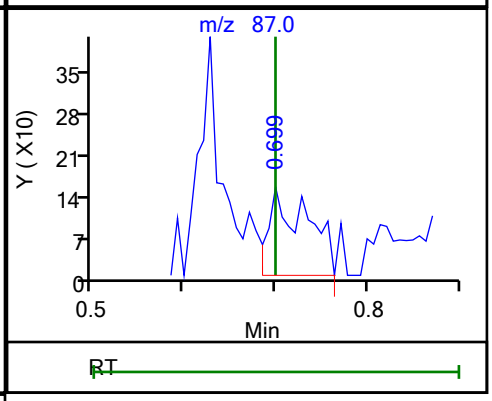
## 3 Dichlorodifluoromethane, CAS: 75-71-8

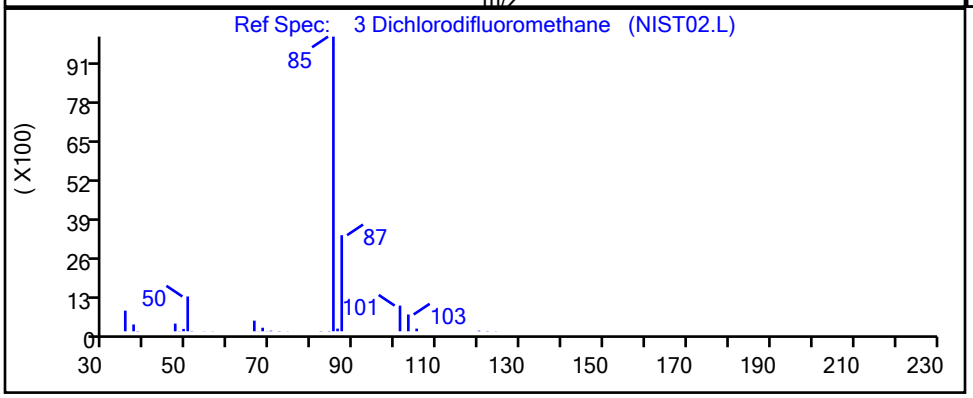
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 0.70 | 85.00 | 514 | 0.263917 |
| 0.70 | 87.00 | 436 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:35

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

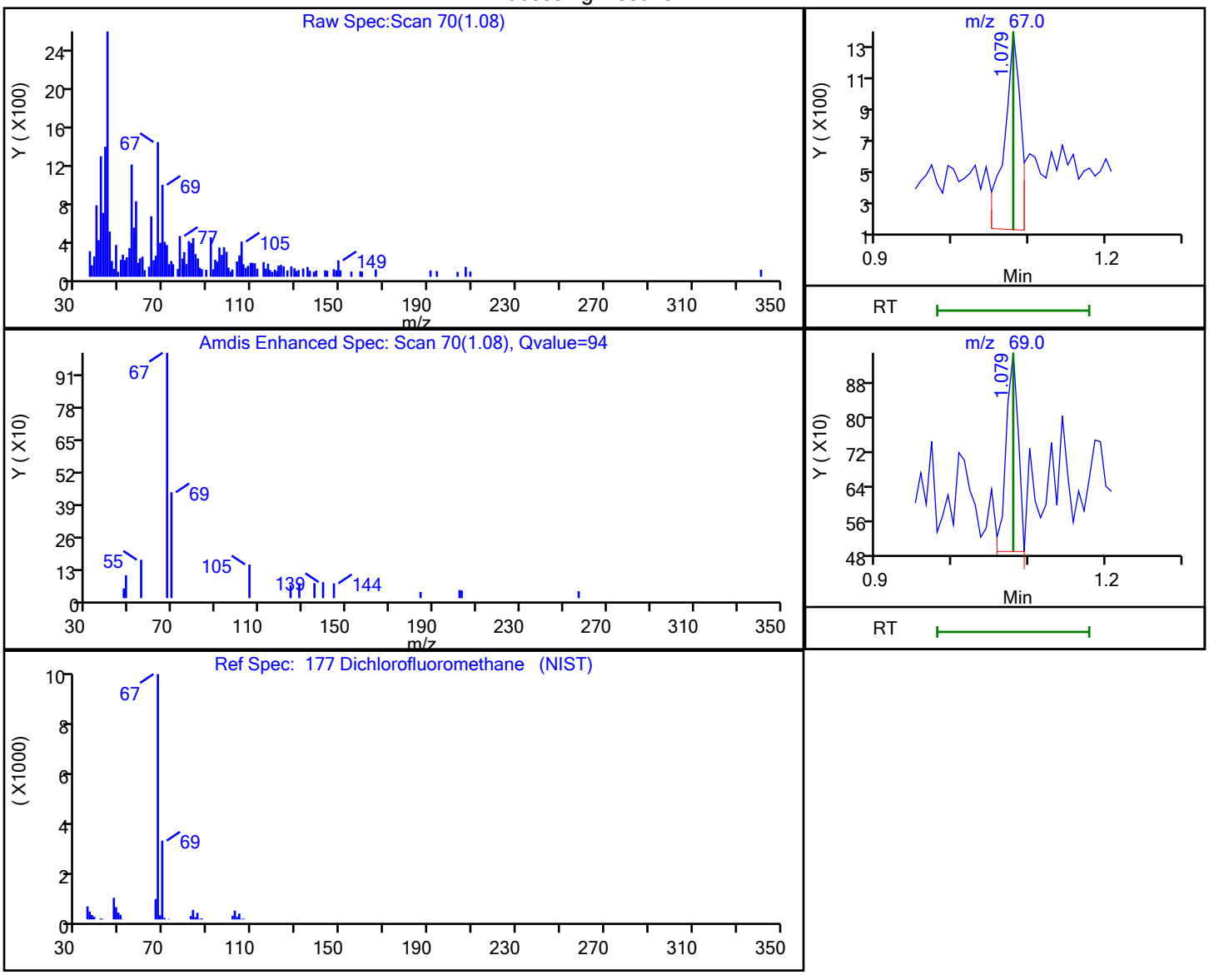
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 177 Dichlorofluoromethane, CAS: 75-43-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.08 | 67.00 | 1899 | |
| 1.08 | 69.00 | 505 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

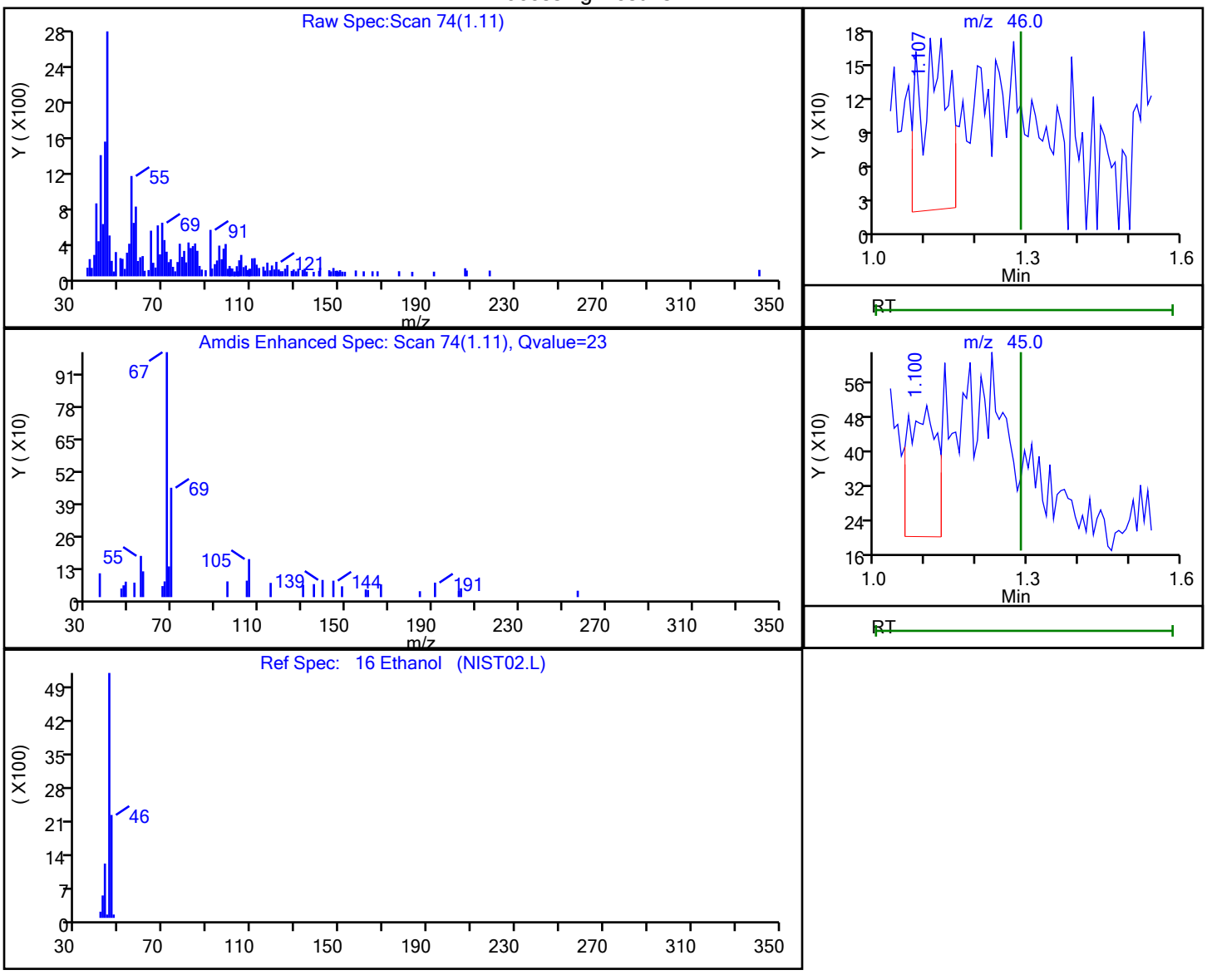
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 Ethanol, CAS: 64-17-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.11 | 46.00 | 585 | 153.9155 |
| 1.10 | 45.00 | 1178 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

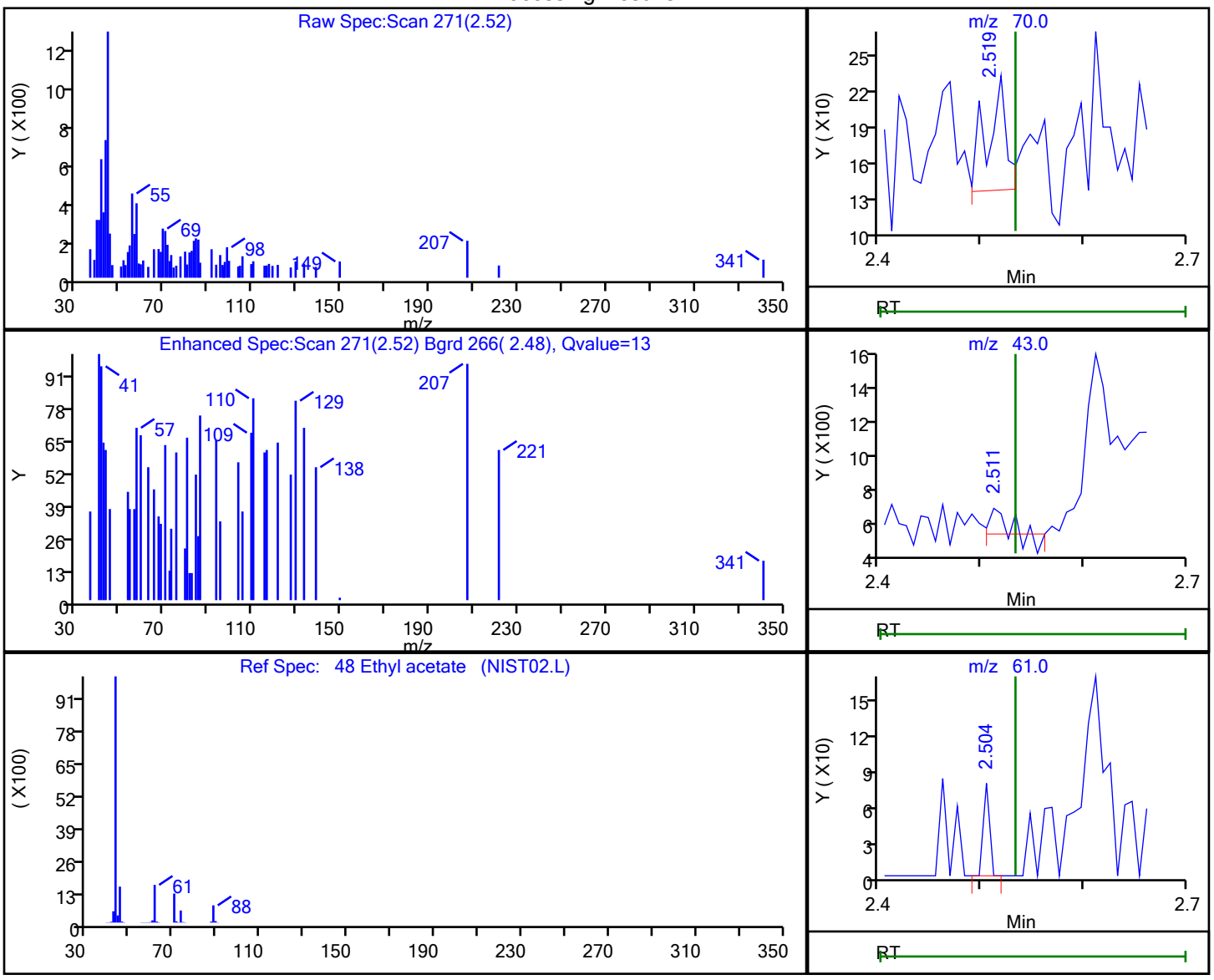
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 48 Ethyl acetate, CAS: 141-78-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.52 | 70.00 | 124 | 0.473909 |
| 2.51 | 43.00 | 97 | |
| 2.50 | 61.00 | 33 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

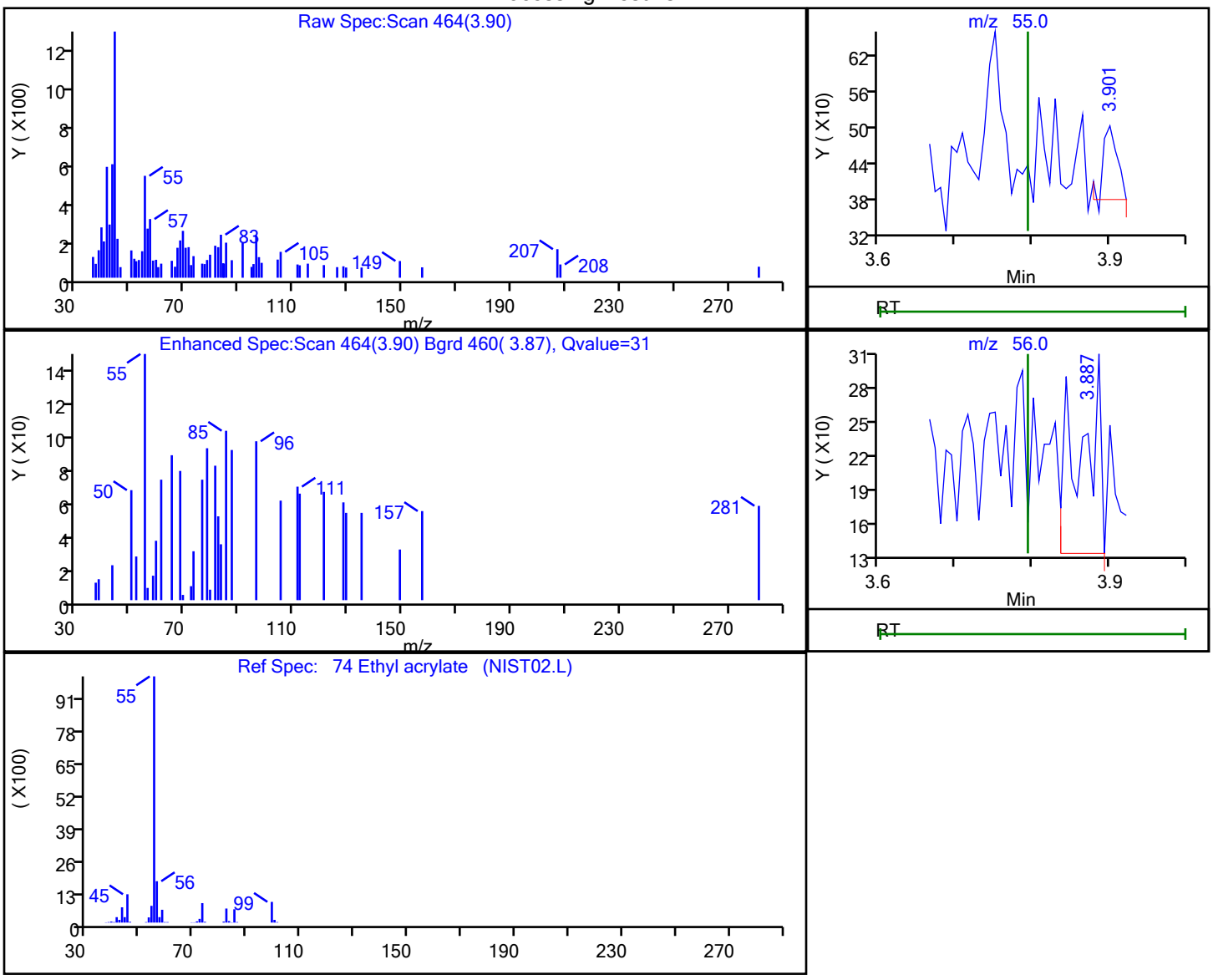
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D 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 |
|---|---|---|---|
| 3.90 | 55.00 | 156 | 0.923959 |
| 3.89 | 56.00 | 306 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:09

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

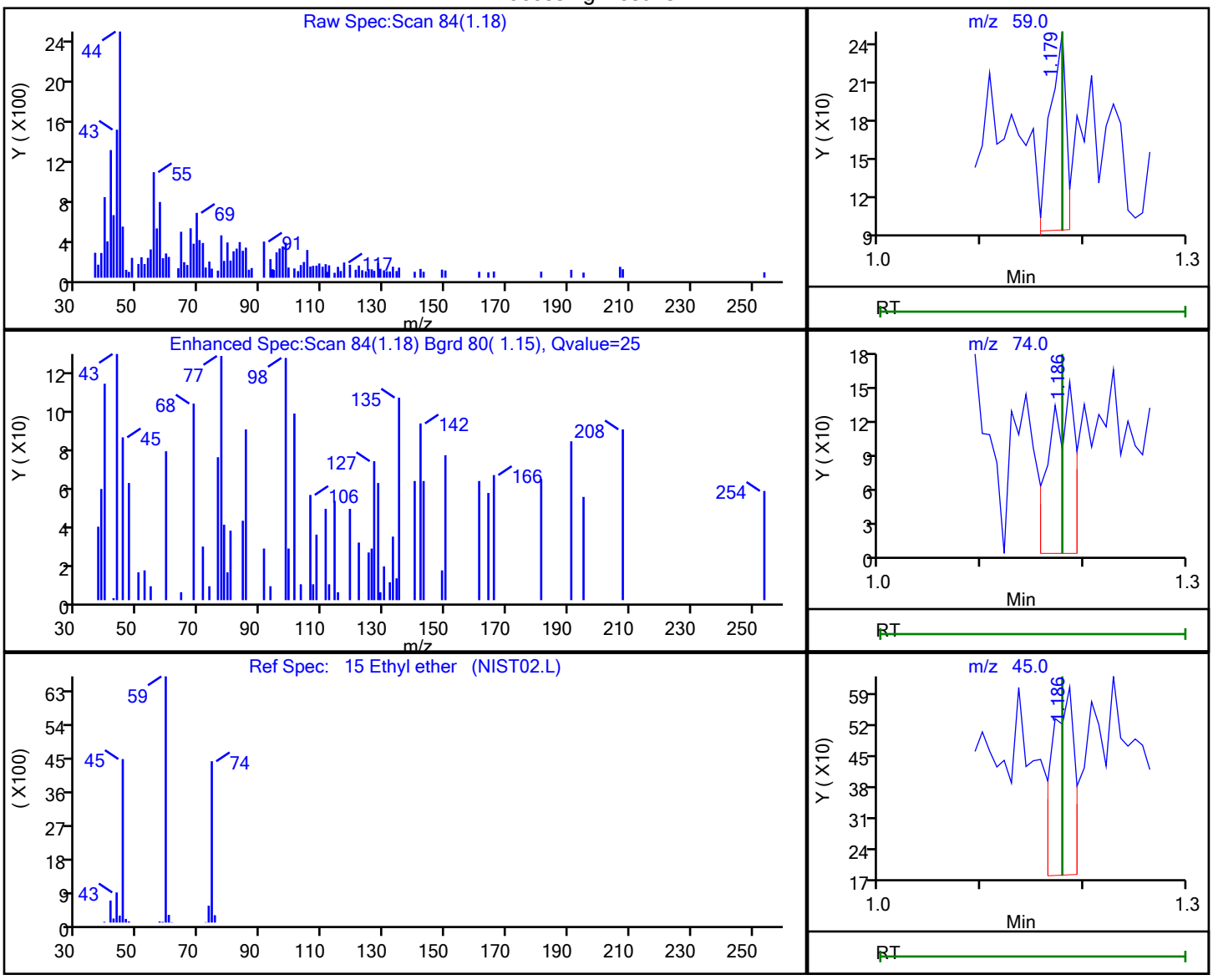
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 15 Ethyl ether, CAS: 60-29-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.18 | 59.00 | 168 | 0.073986 |
| 1.19 | 74.00 | 261 | |
| 1.19 | 45.00 | 656 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

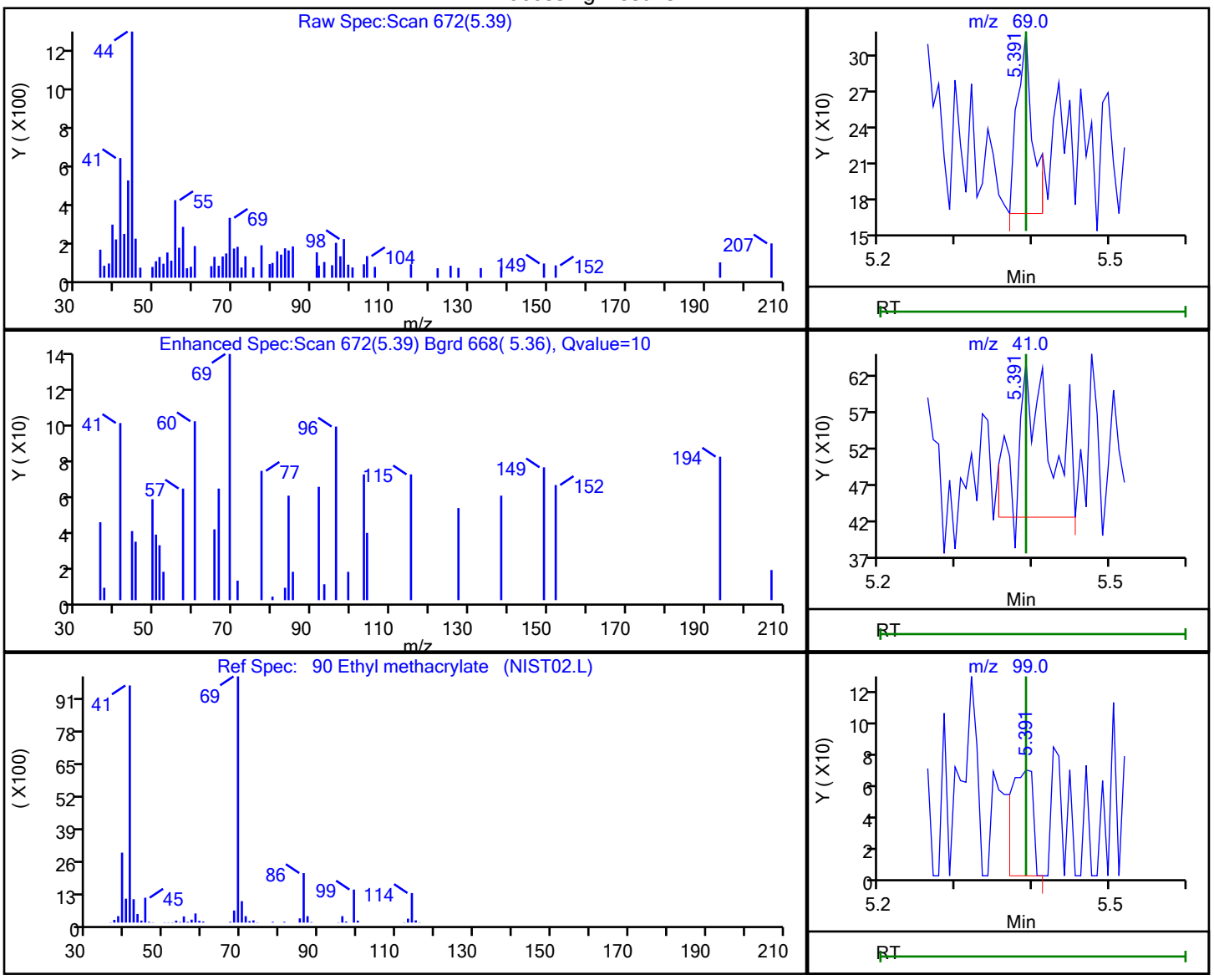
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Ethyl methacrylate, CAS: 97-63-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.39 | 69.00 | 205 | |
| 5.39 | 41.00 | 635 | |
| 5.39 | 99.00 | 137 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:46

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

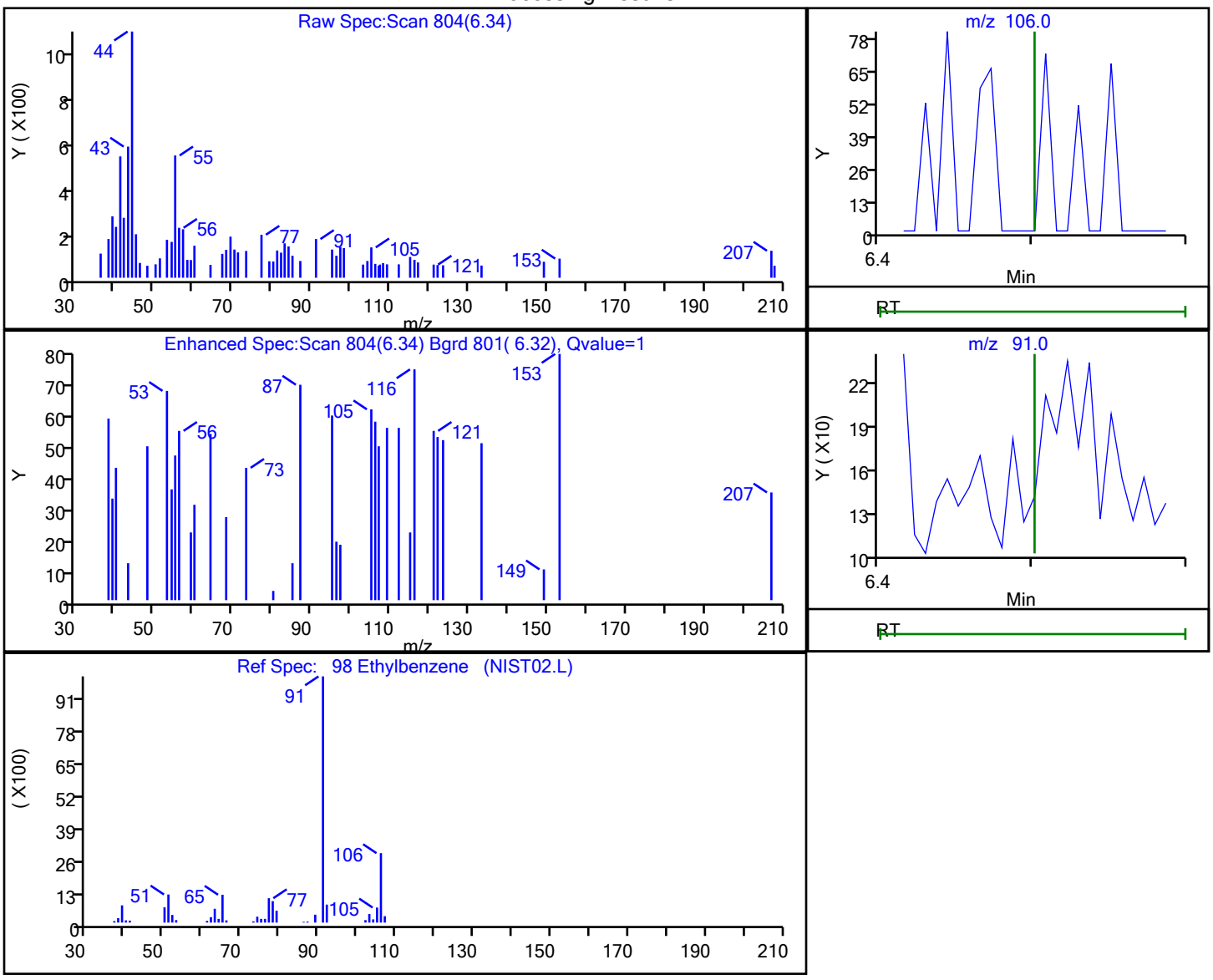
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 98 Ethylbenzene, CAS: 100-41-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.34 | 106.00 | 25 | 0.005844 |
| 6.32 | 91.00 | 134 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

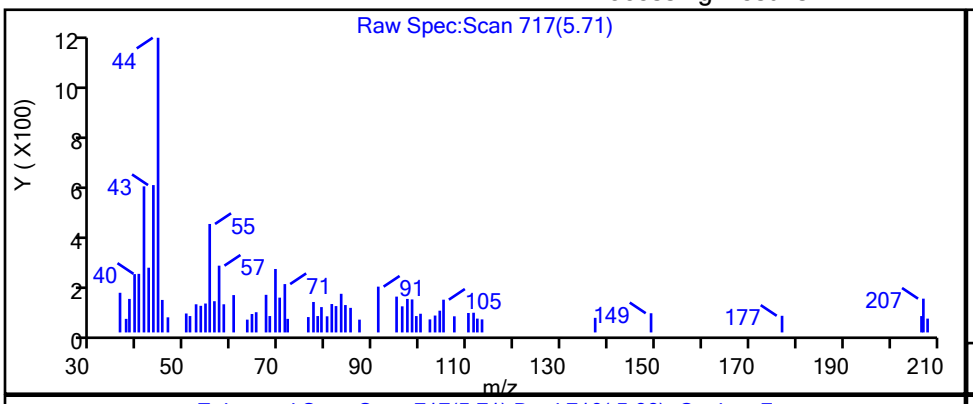
User Disabled Compound Report

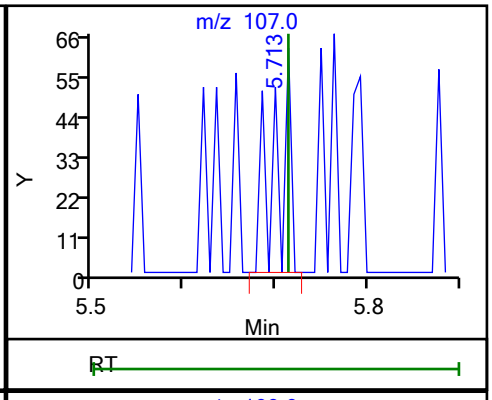
Eurofins TestAmerica, Edison

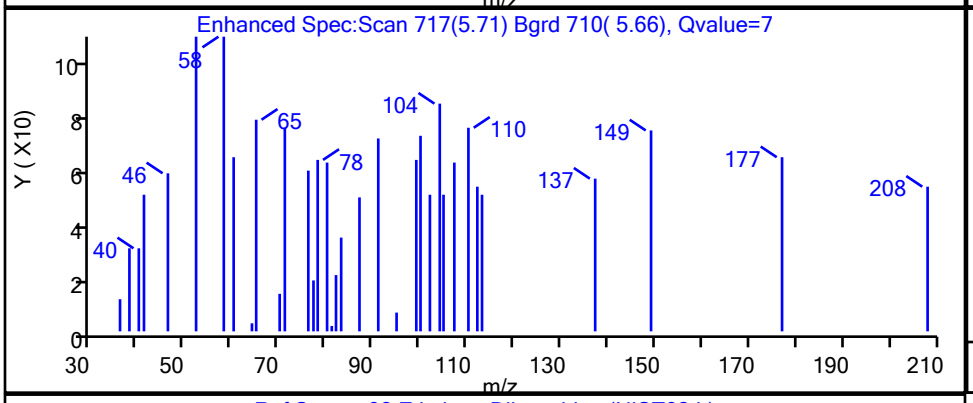
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

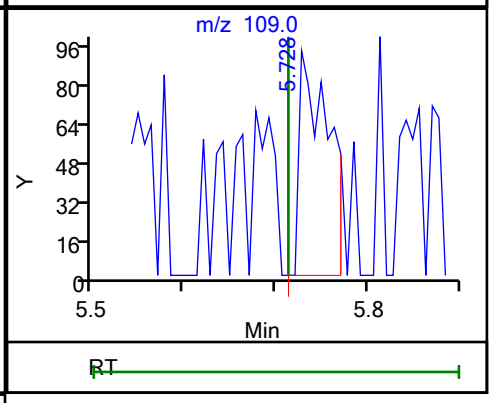
## 93 Ethylene Dibromide, CAS: 106-93-4

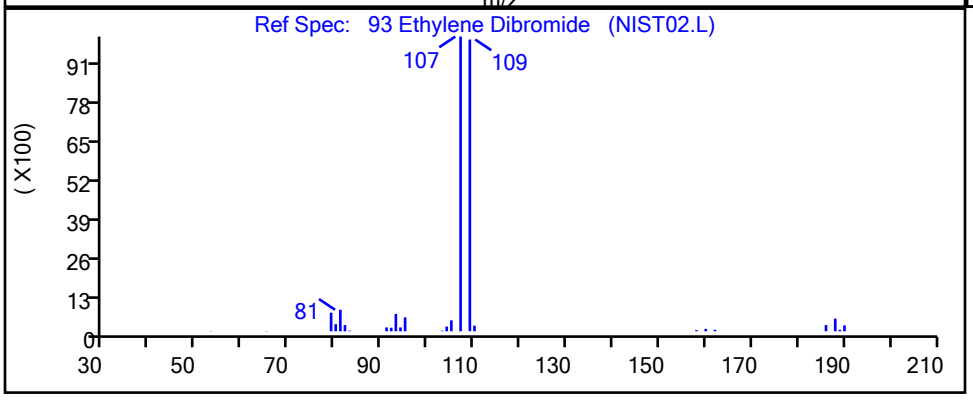
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.71 | 107.00 | 71 | 0.031164 |
| 5.73 | 109.00 | 208 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:46

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

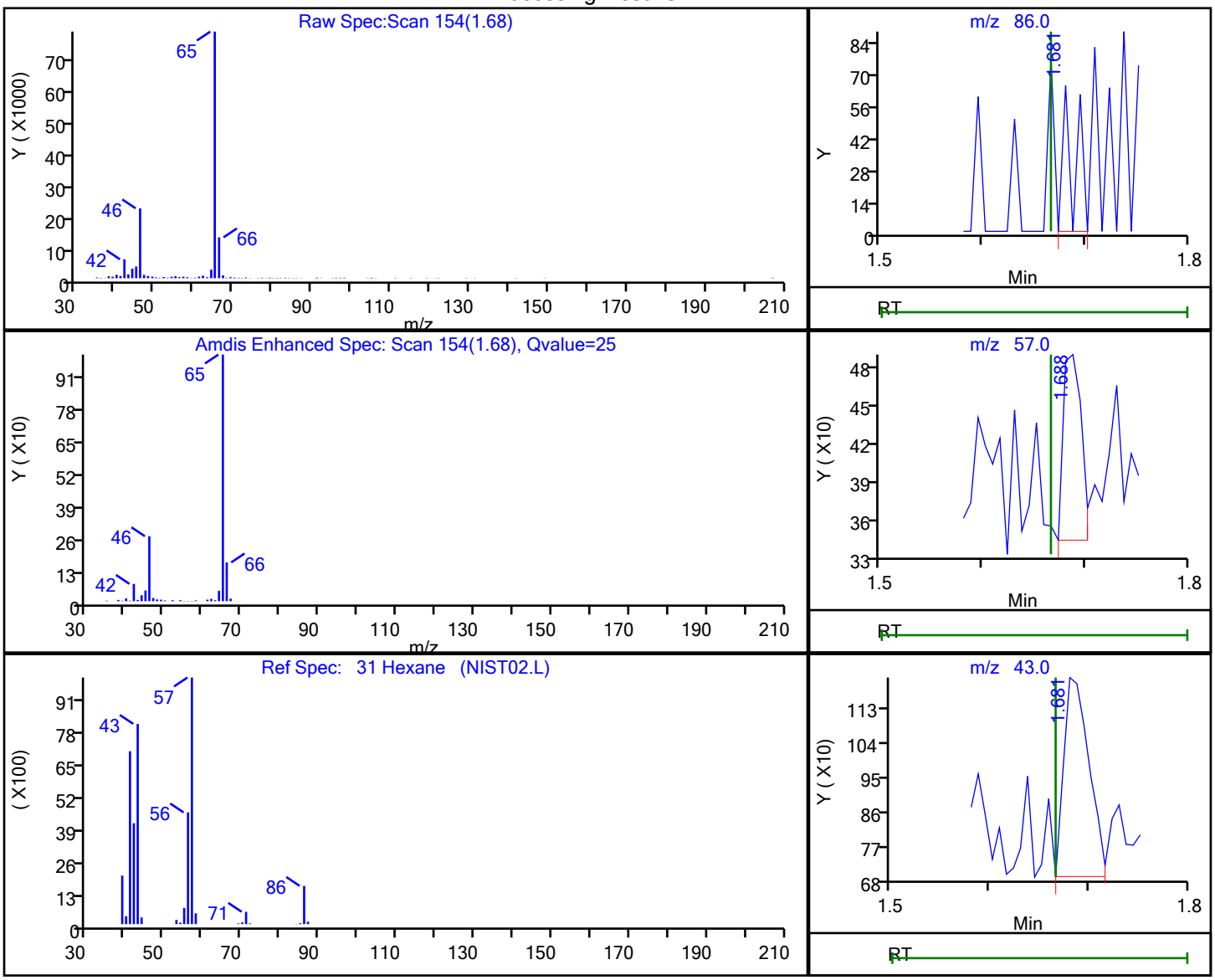
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 31 Hexane, CAS: 110-54-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.68 | 86.00 | 54 | 0.069118 |
| 1.69 | 57.00 | 179 | |
| 1.68 | 43.00 | 919 | |
| 1.69 | 56.00 | 197 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

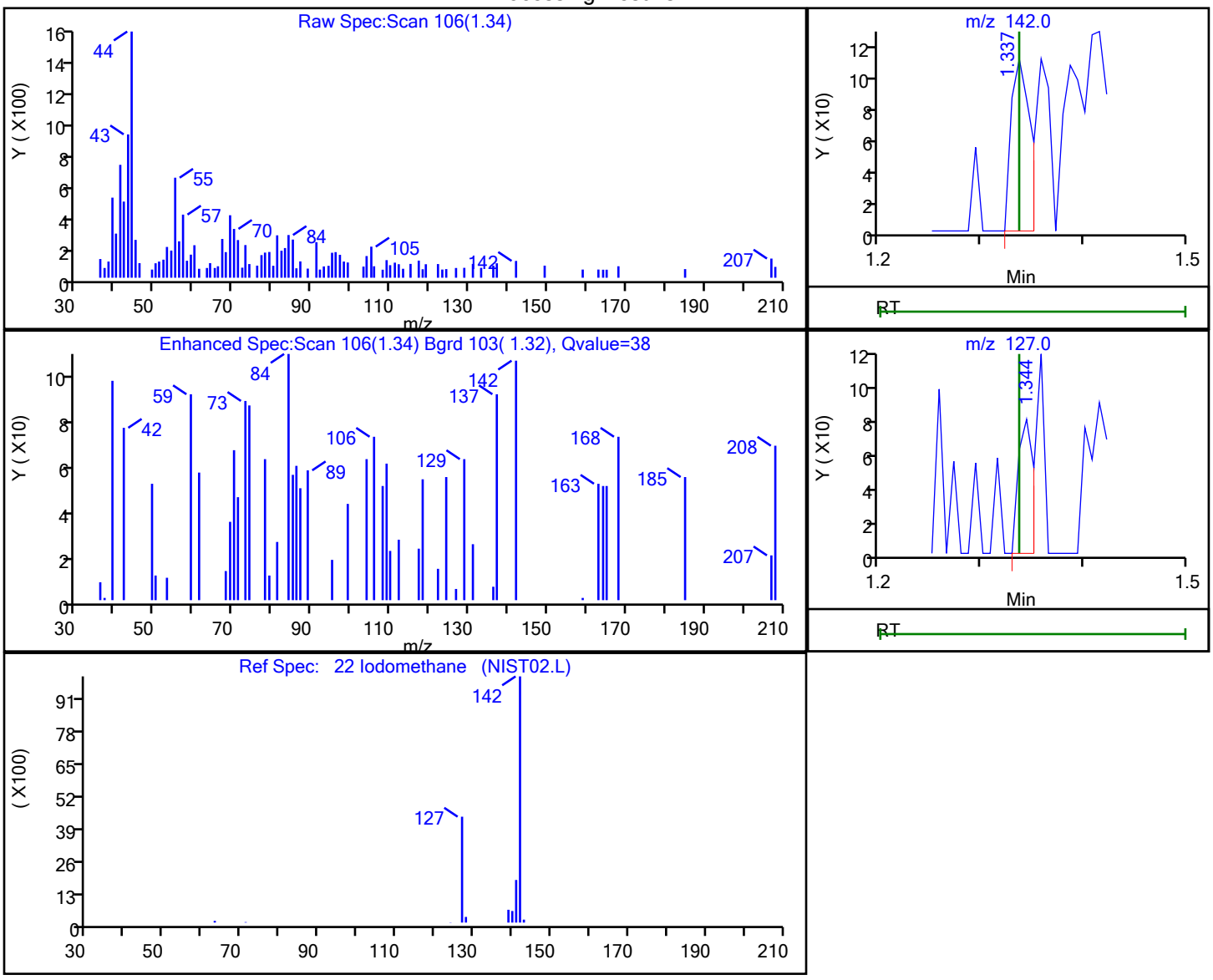
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 22 Iodomethane, CAS: 74-88-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.34 | 142.00 | 141 | 0.534720 |
| 1.34 | 127.00 | 83 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:50

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

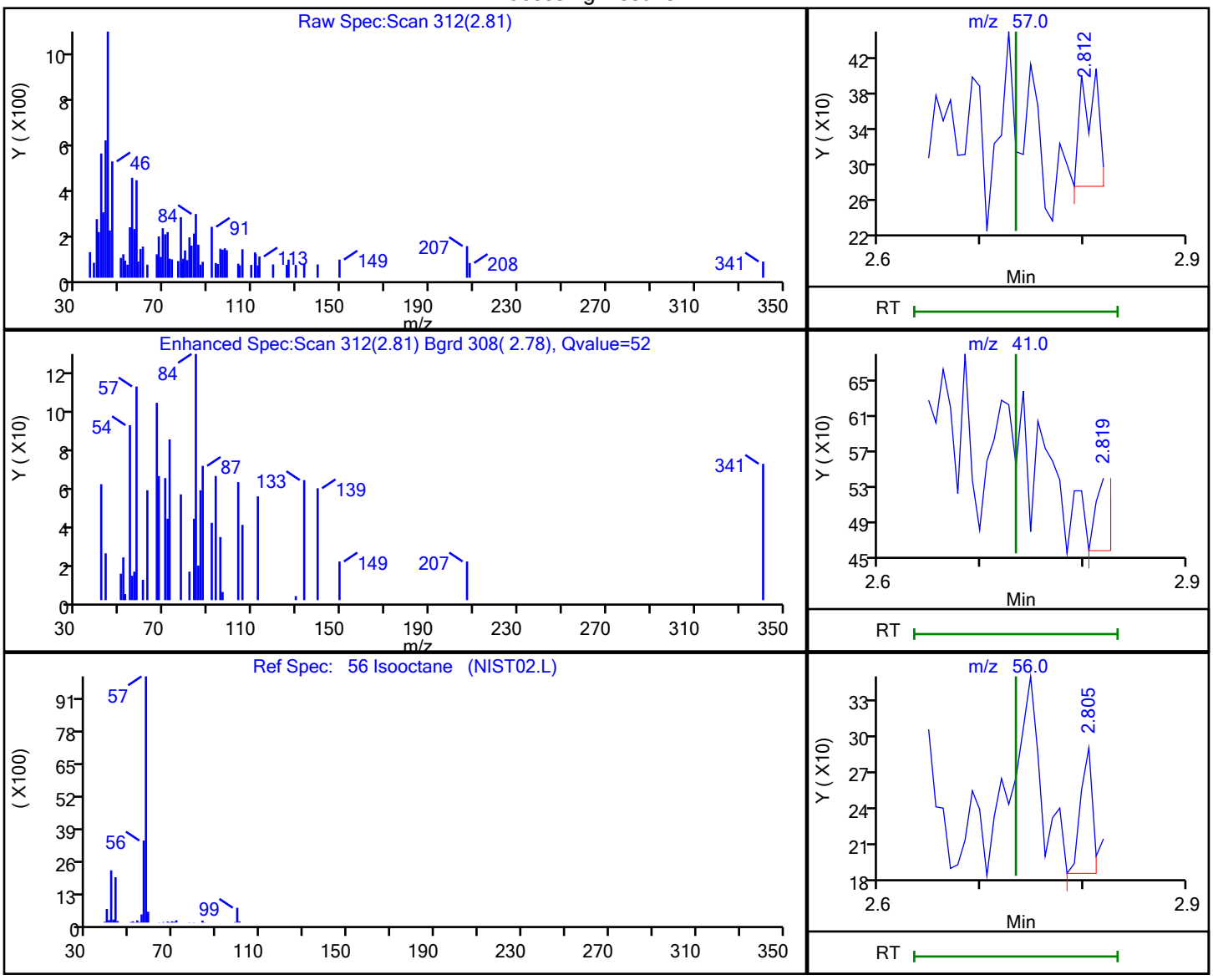
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 56 Isooctane, CAS: 540-84-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.81 | 57.00 | 142 | |
| 2.82 | 41.00 | 87 | |
| 2.81 | 56.00 | 83 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

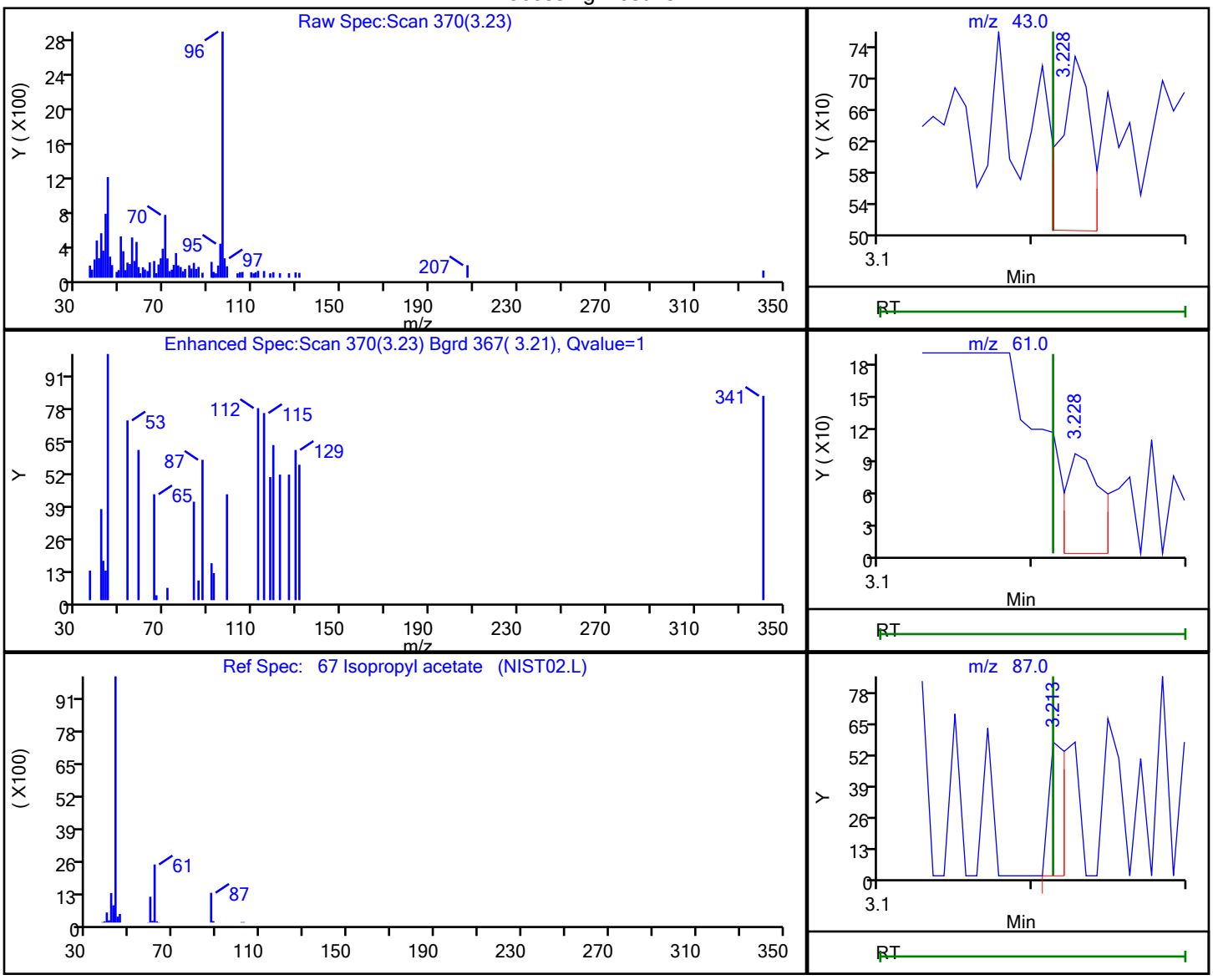
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 Isopropyl acetate, CAS: 108-21-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.23 | 43.00 | 307 | 0.074810 |
| 3.23 | 61.00 | 154 | |
| 3.21 | 87.00 | 47 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

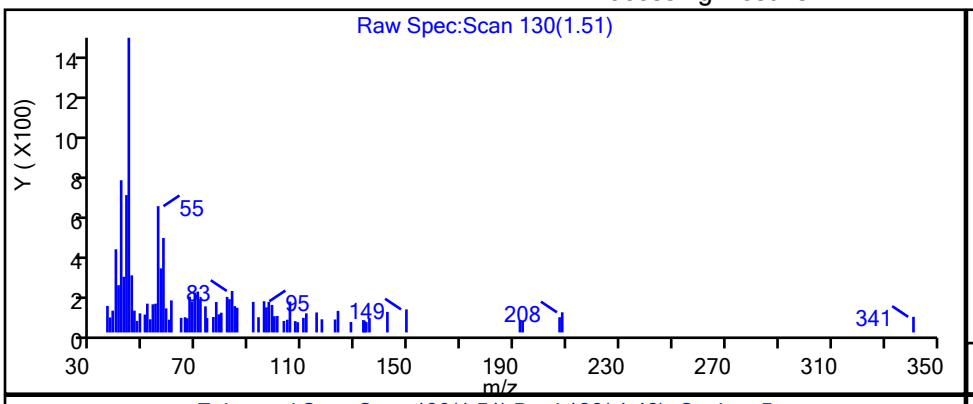
User Disabled Compound Report

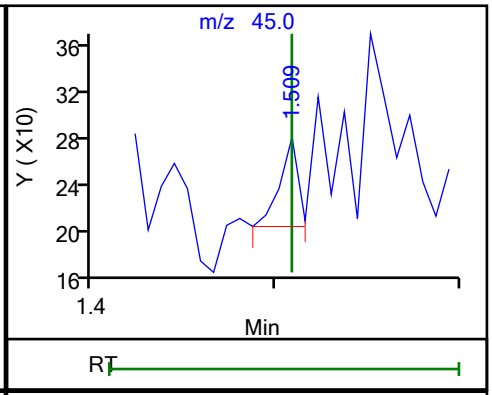
Eurofins TestAmerica, Edison

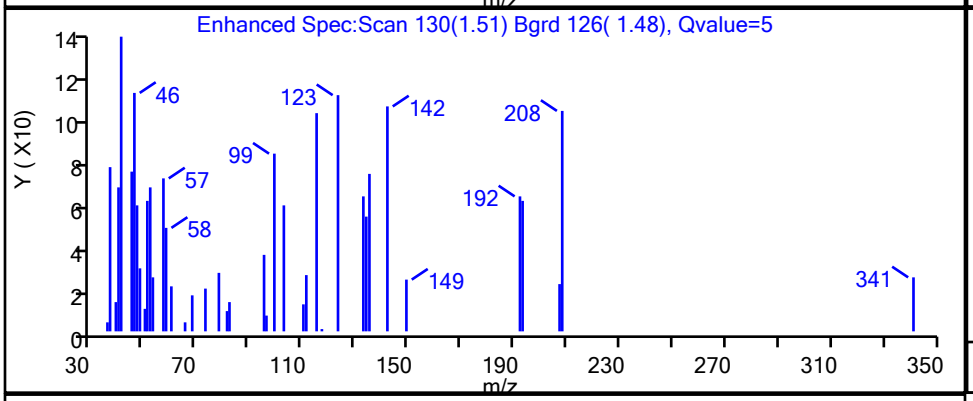
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

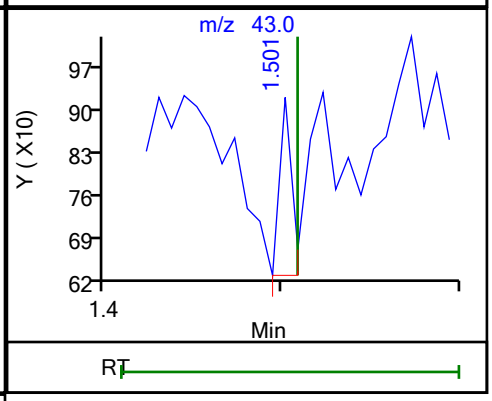
## 26 Isopropyl alcohol, CAS: 67-63-0

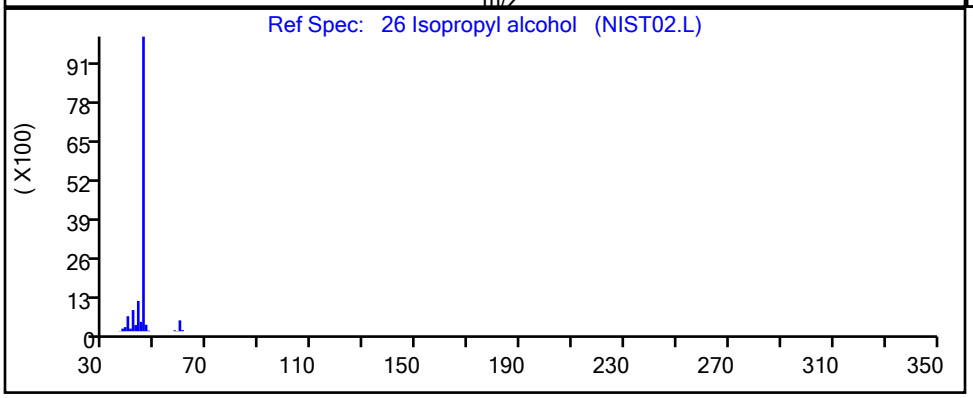
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.51 | 45.00 | 54 | 0.407504 |
| 1.50 | 43.00 | 143 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

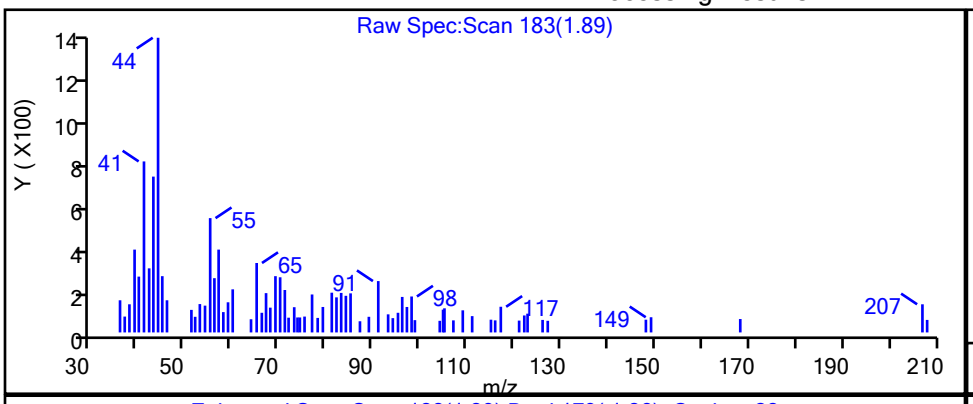
User Disabled Compound Report

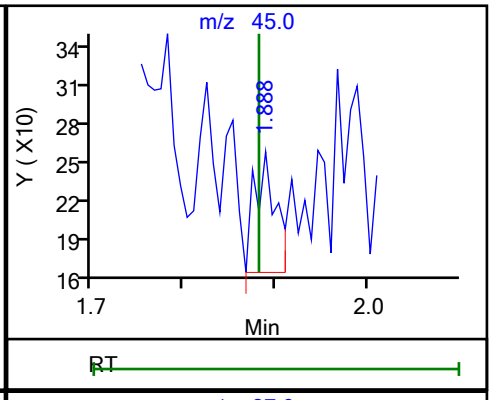
Eurofins TestAmerica, Edison

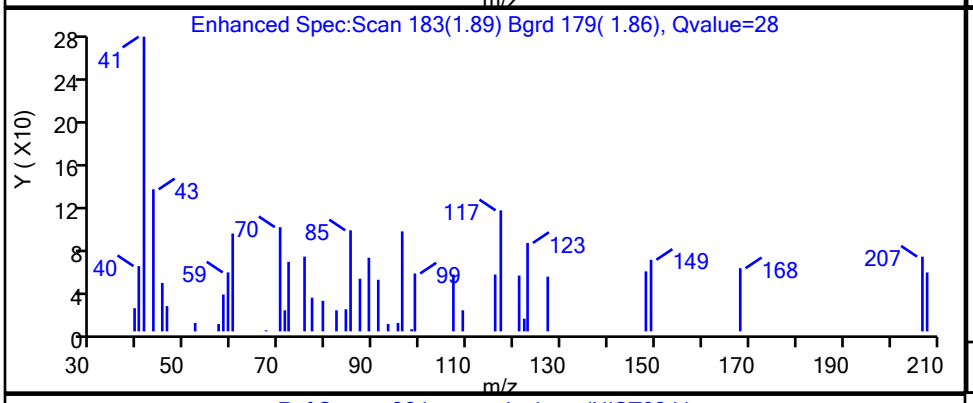
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

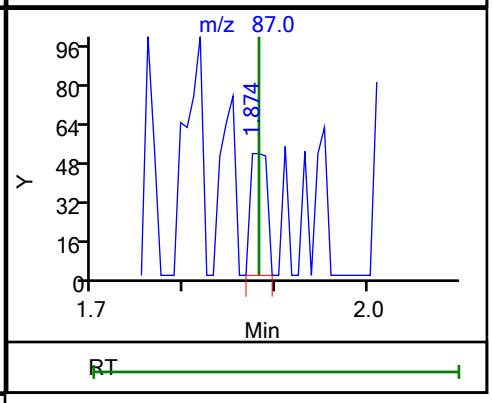
## 36 Isopropyl ether, CAS: 108-20-3

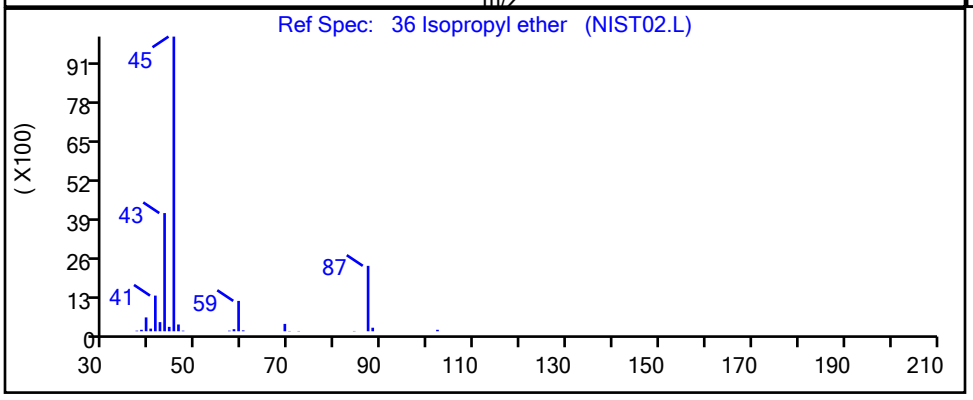
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.89 | 45.00 | 149 | 0.015646 |
| 1.87 | 87.00 | 65 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

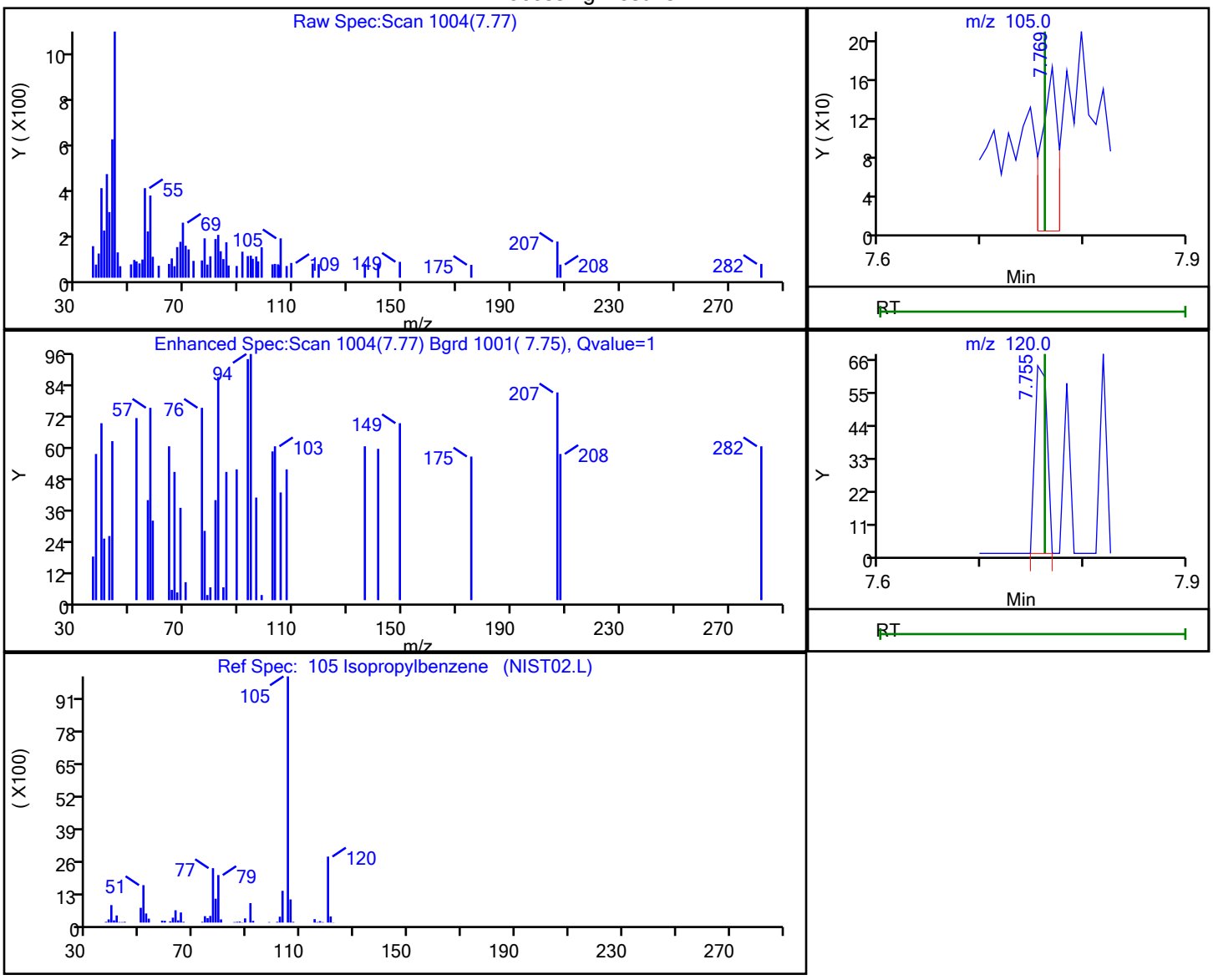
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 105 Isopropylbenzene, CAS: 98-82-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.77 | 105.00 | 192 | 0.014578 |
| 7.75 | 120.00 | 53 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47

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

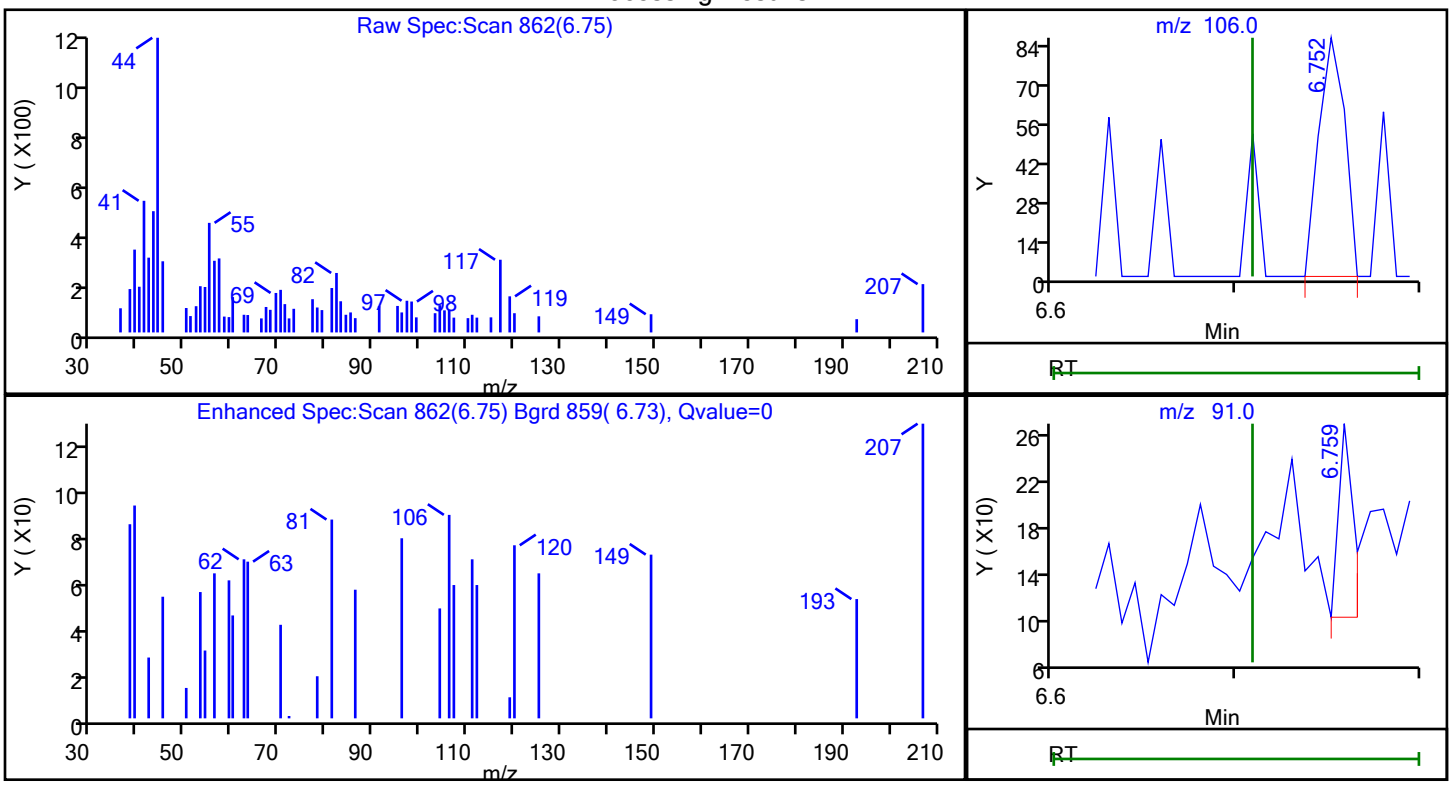
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 100 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.75 | 106.00 | 86 | 0.016597 |
| 6.76 | 91.00 | 94 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

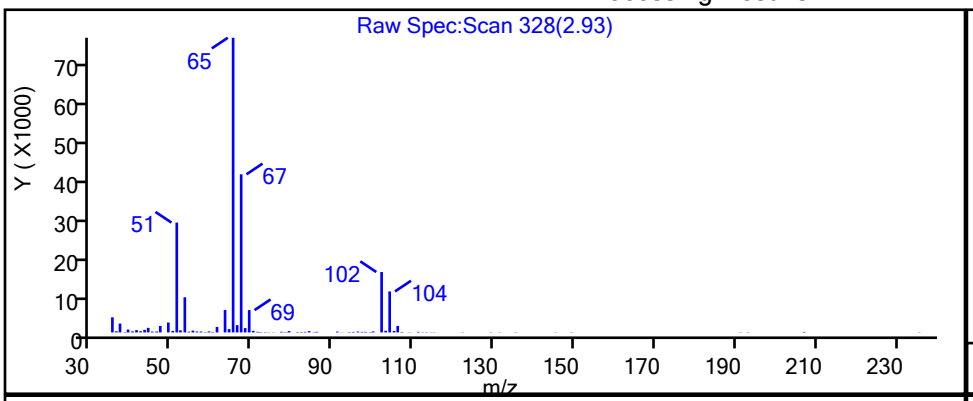
User Disabled Compound Report

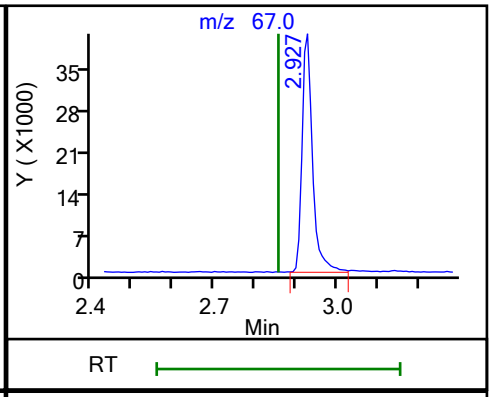
Eurofins TestAmerica, Edison

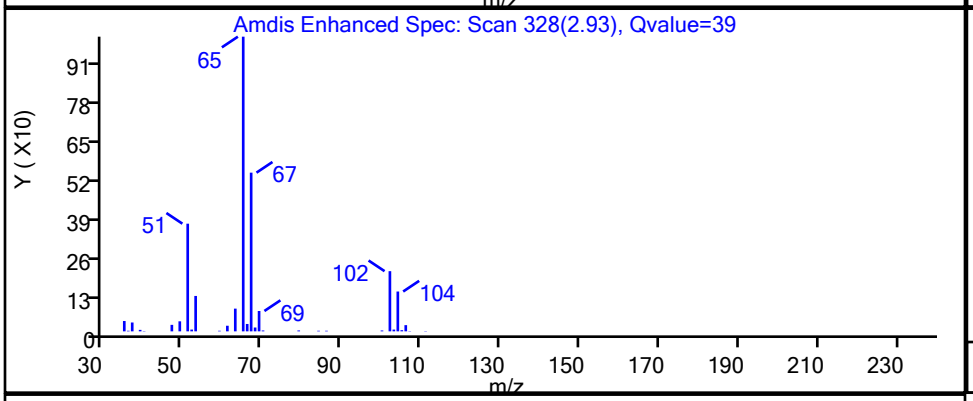
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

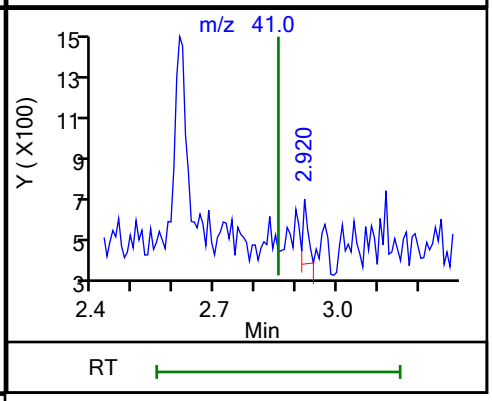
## 60 Methacrylonitrile, CAS: 126-98-7

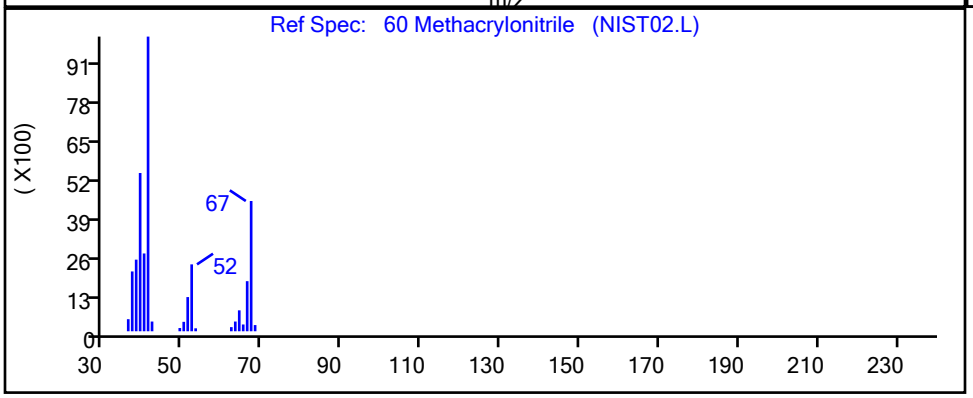
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.93 | 67.00 | 73328 | |
| 2.92 | 41.00 | 240 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

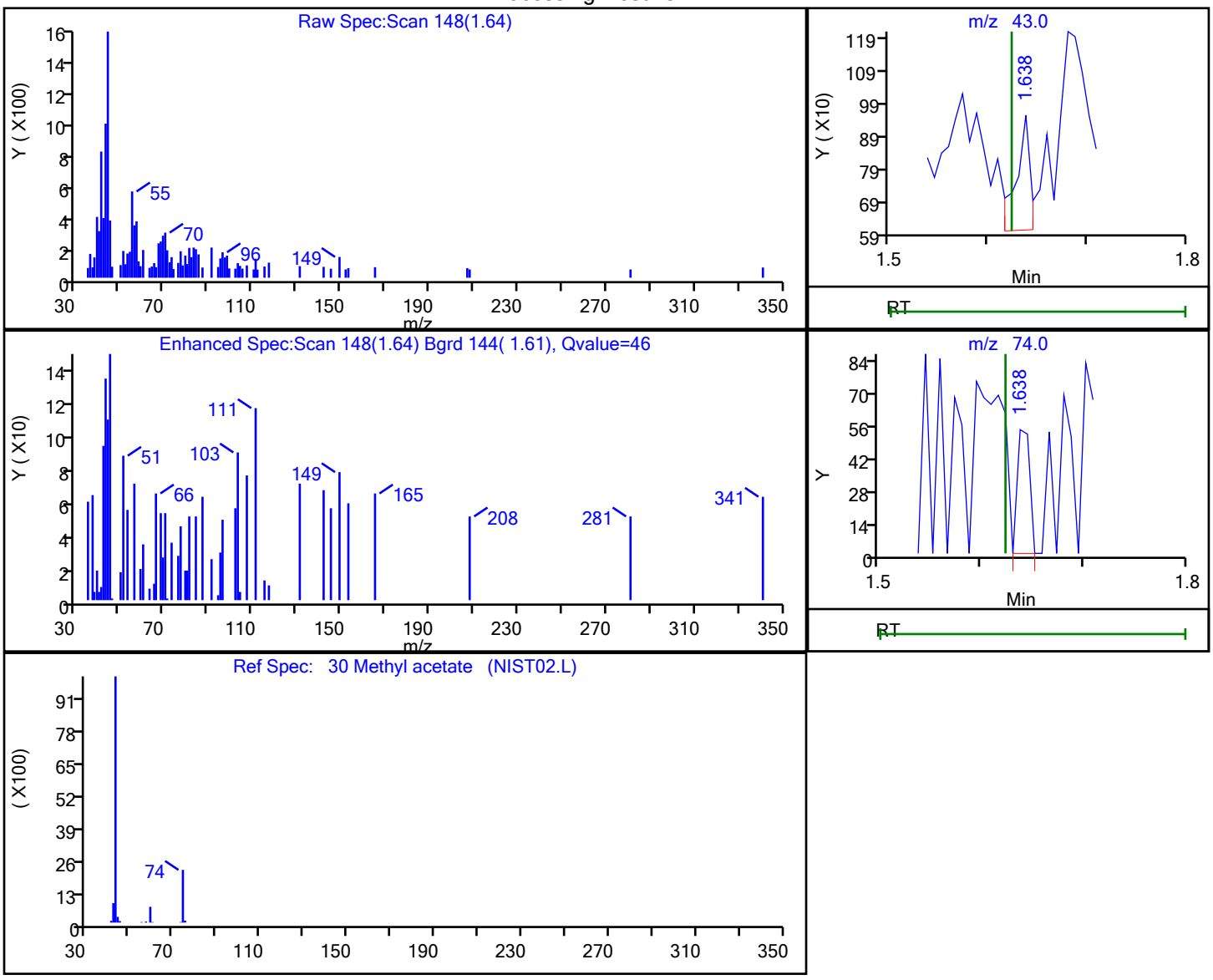
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 30 Methyl acetate, CAS: 79-20-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.64 | 43.00 | 355 | 0.229485 |
| 1.64 | 74.00 | 46 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:52

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

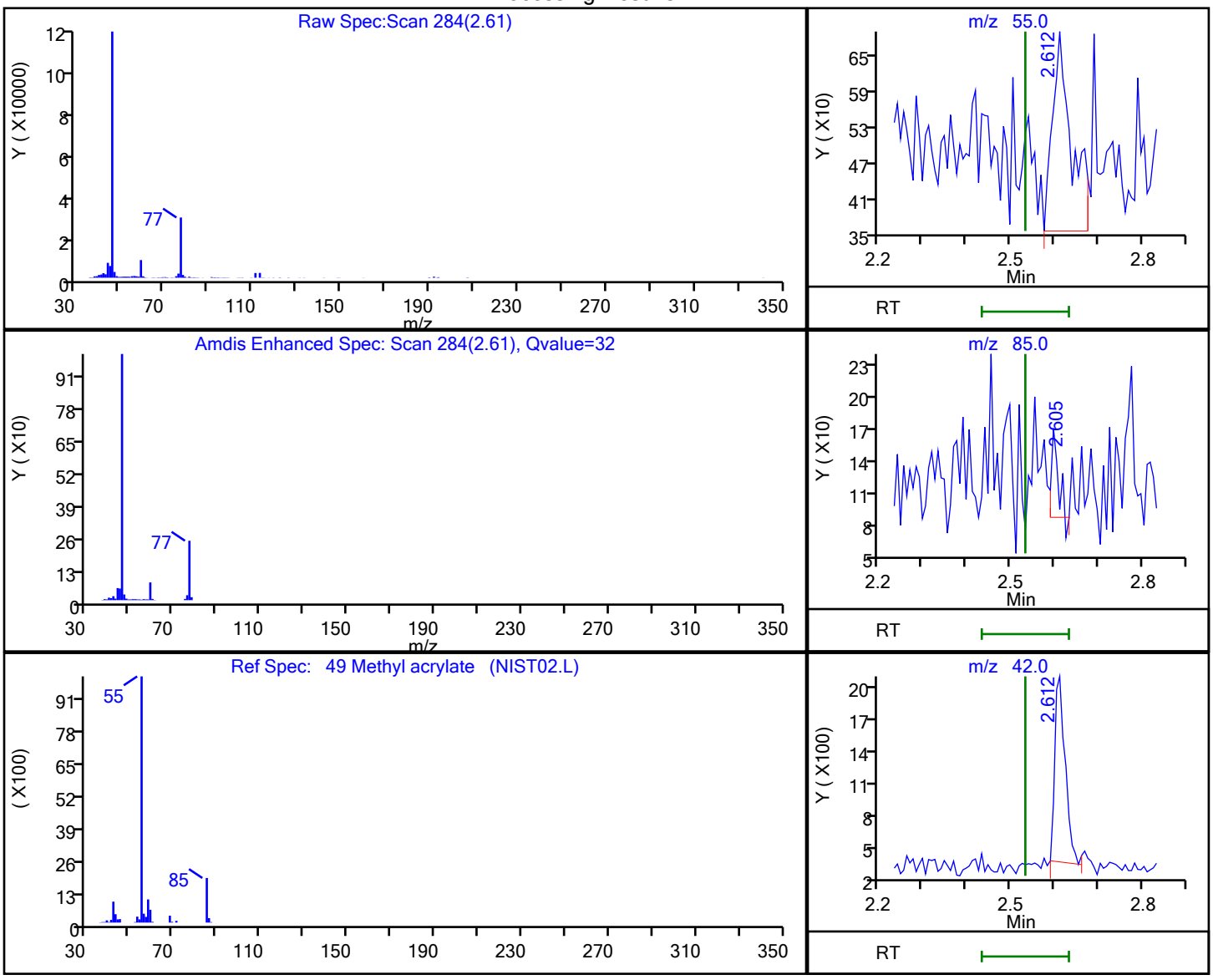
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 49 Methyl acrylate, CAS: 96-33-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.61 | 55.00 | 1010 | |
| 2.60 | 85.00 | 78 | |
| 2.61 | 42.00 | 2841 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

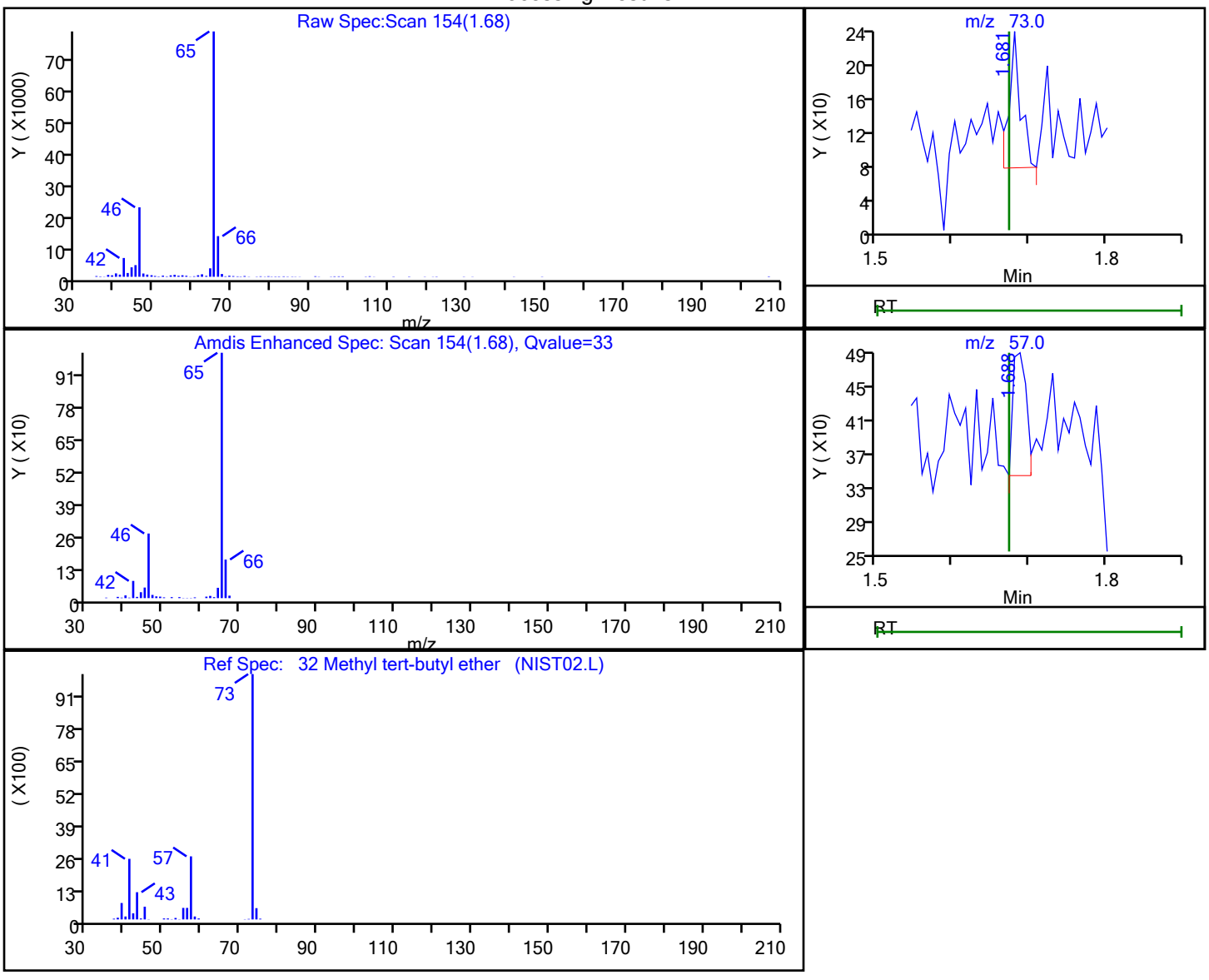
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 Methyl tert-butyl ether, CAS: 1634-04-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.68 | 73.00 | 170 | 0.022746 |
| 1.69 | 57.00 | 179 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

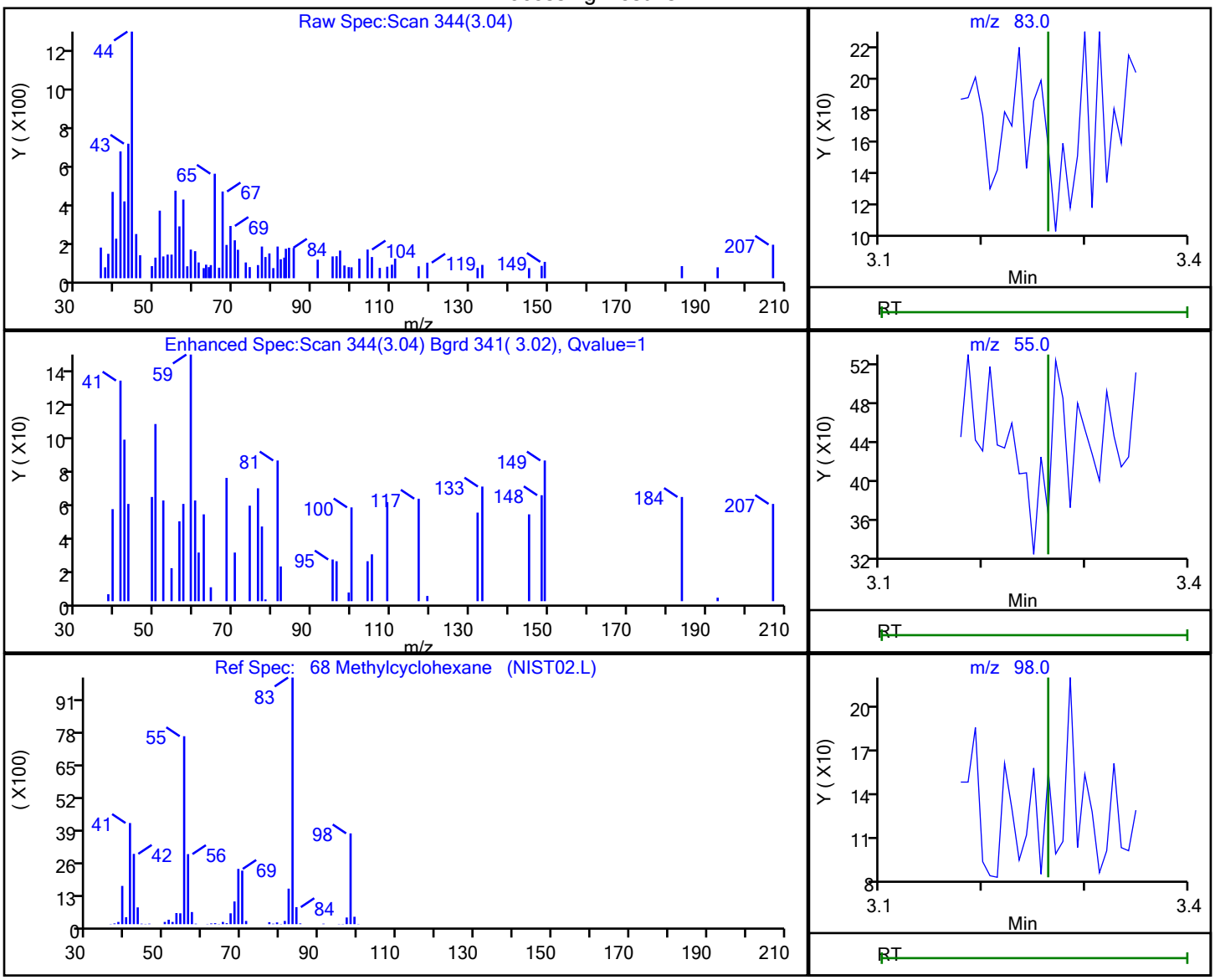
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 68 Methylcyclohexane, CAS: 108-87-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.04 | 83.00 | 198 | 0.044837 |
| 3.05 | 55.00 | 274 | |
| 3.03 | 98.00 | 112 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

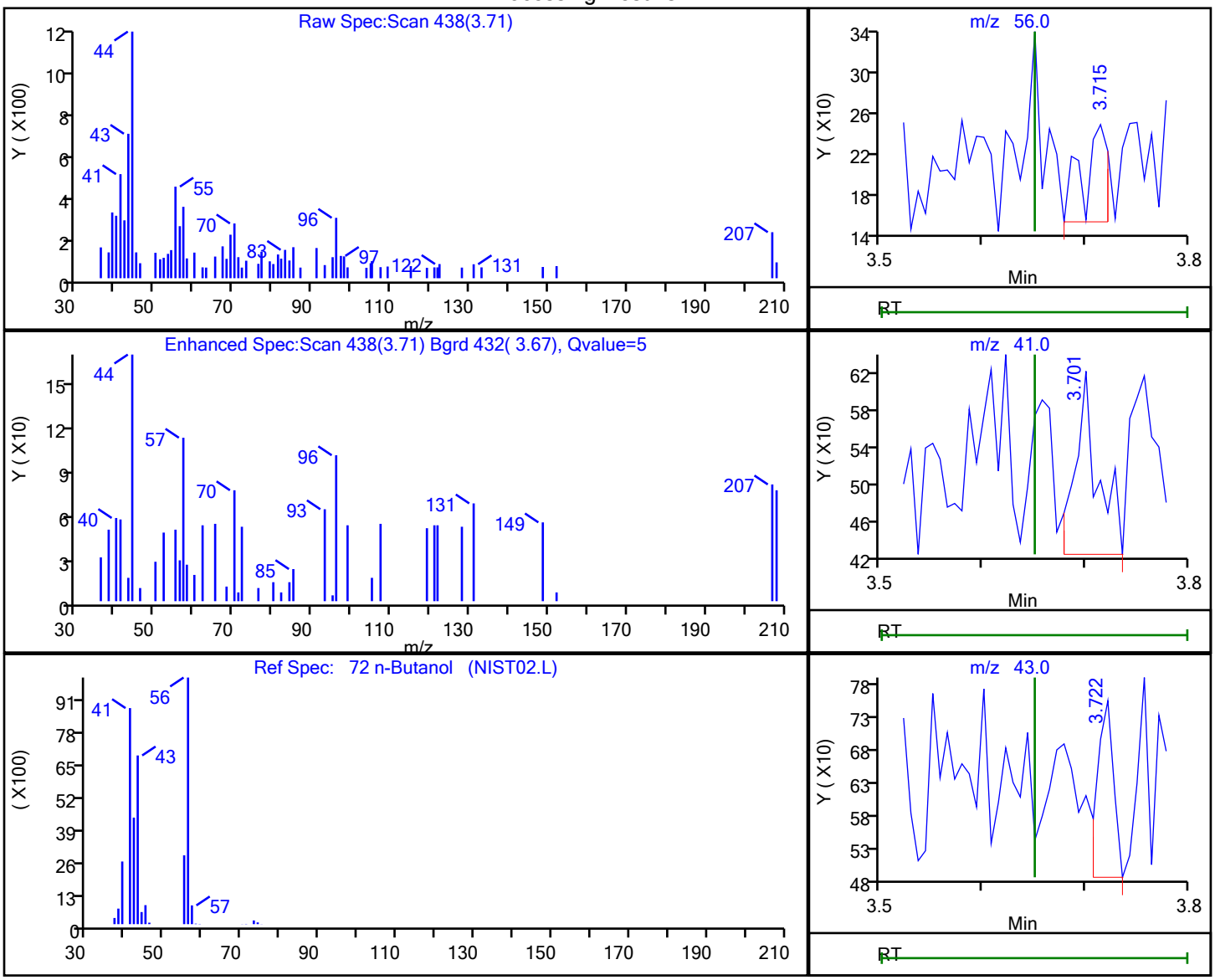
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 72 n-Butanol, CAS: 71-36-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.71 | 56.00 | 154 | 95.873342 |
| 3.70 | 41.00 | 303 | |
| 3.72 | 43.00 | 293 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

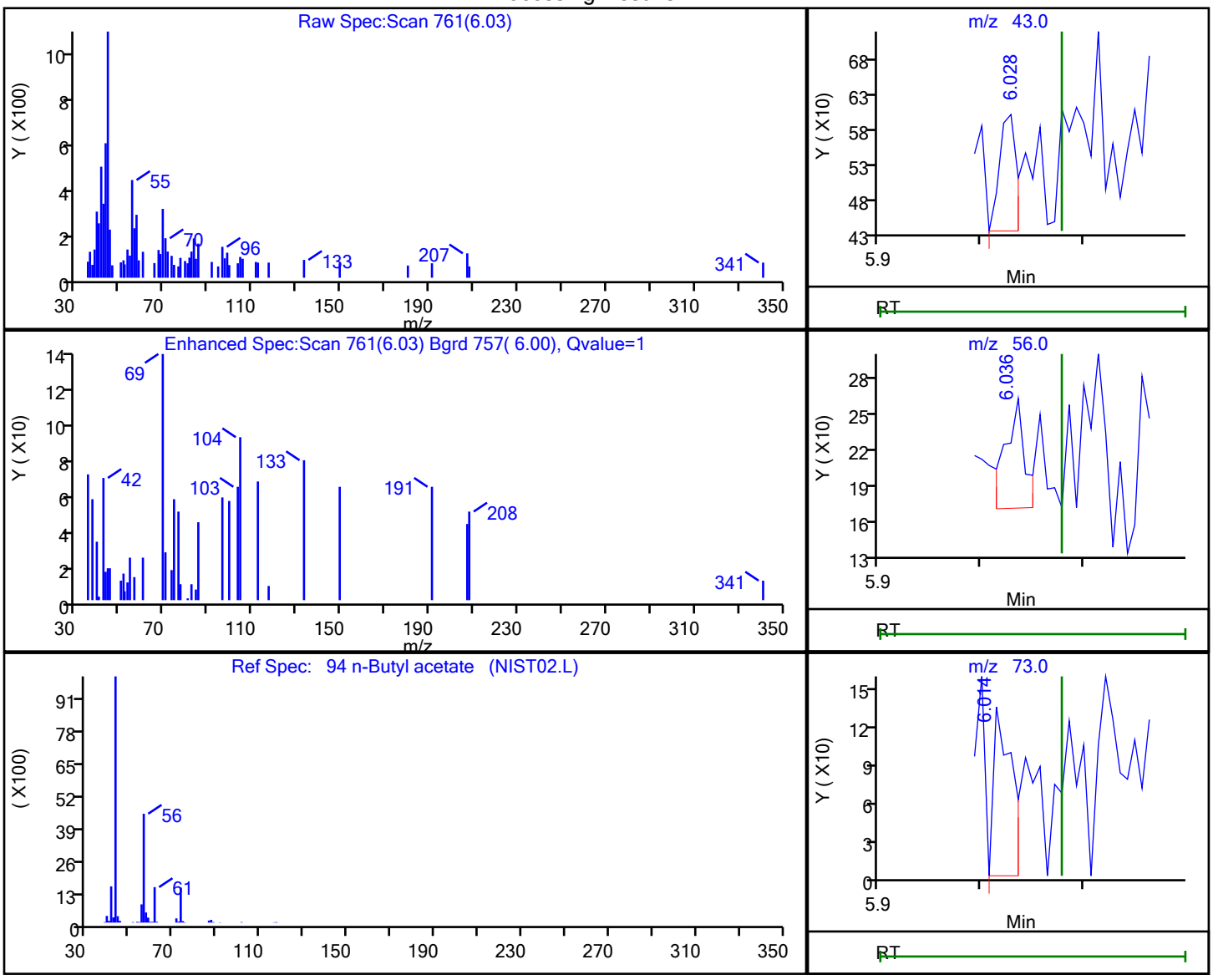
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 94 n-Butyl acetate, CAS: 123-86-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.03 | 43.00 | 190 | 0.075379 |
| 6.04 | 56.00 | 119 | |
| 6.01 | 73.00 | 165 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

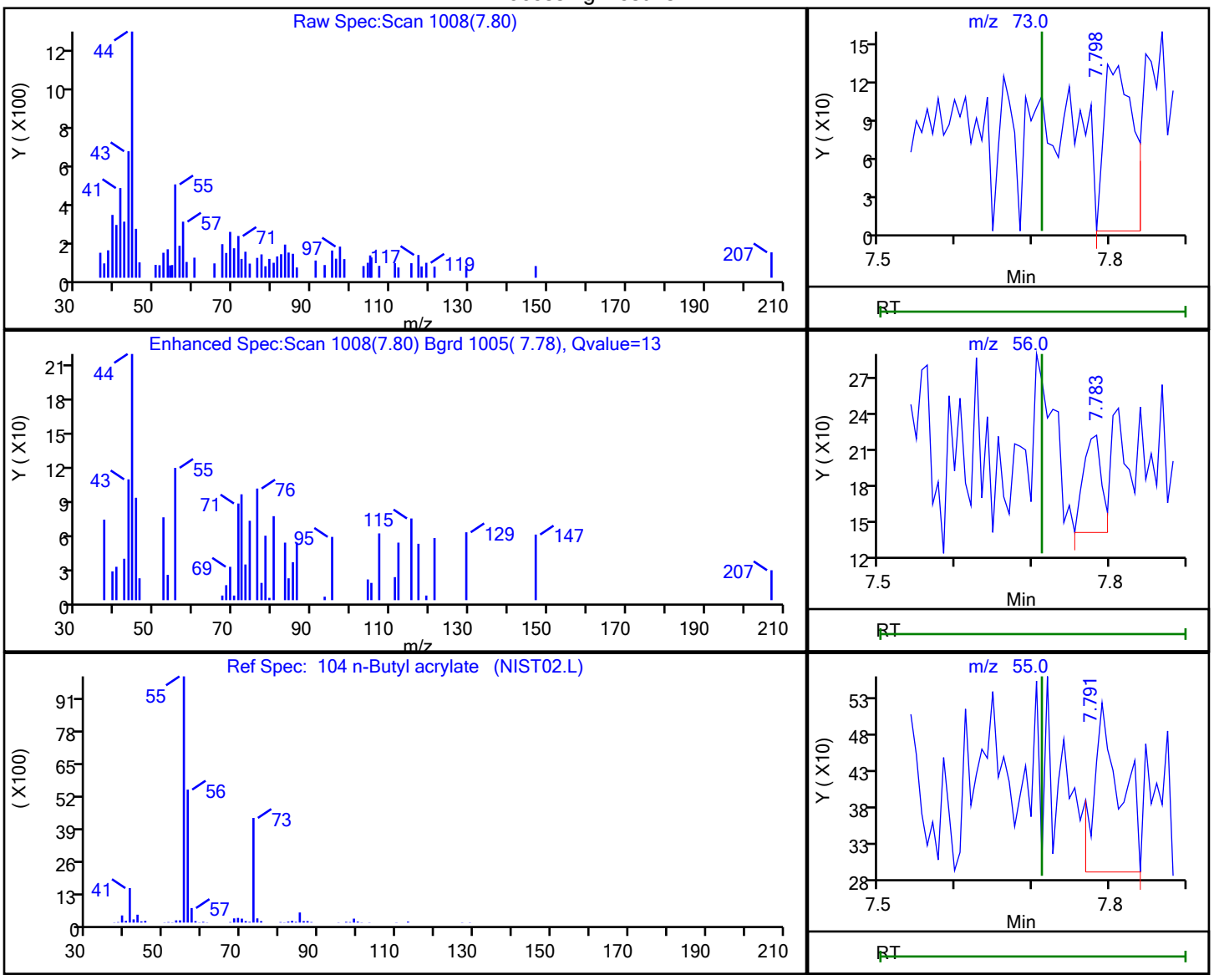
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 104 n-Butyl acrylate, CAS: 141-32-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.80 | 73.00 | 336 | 0.191338 |
| 7.78 | 56.00 | 130 | |
| 7.79 | 55.00 | 537 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

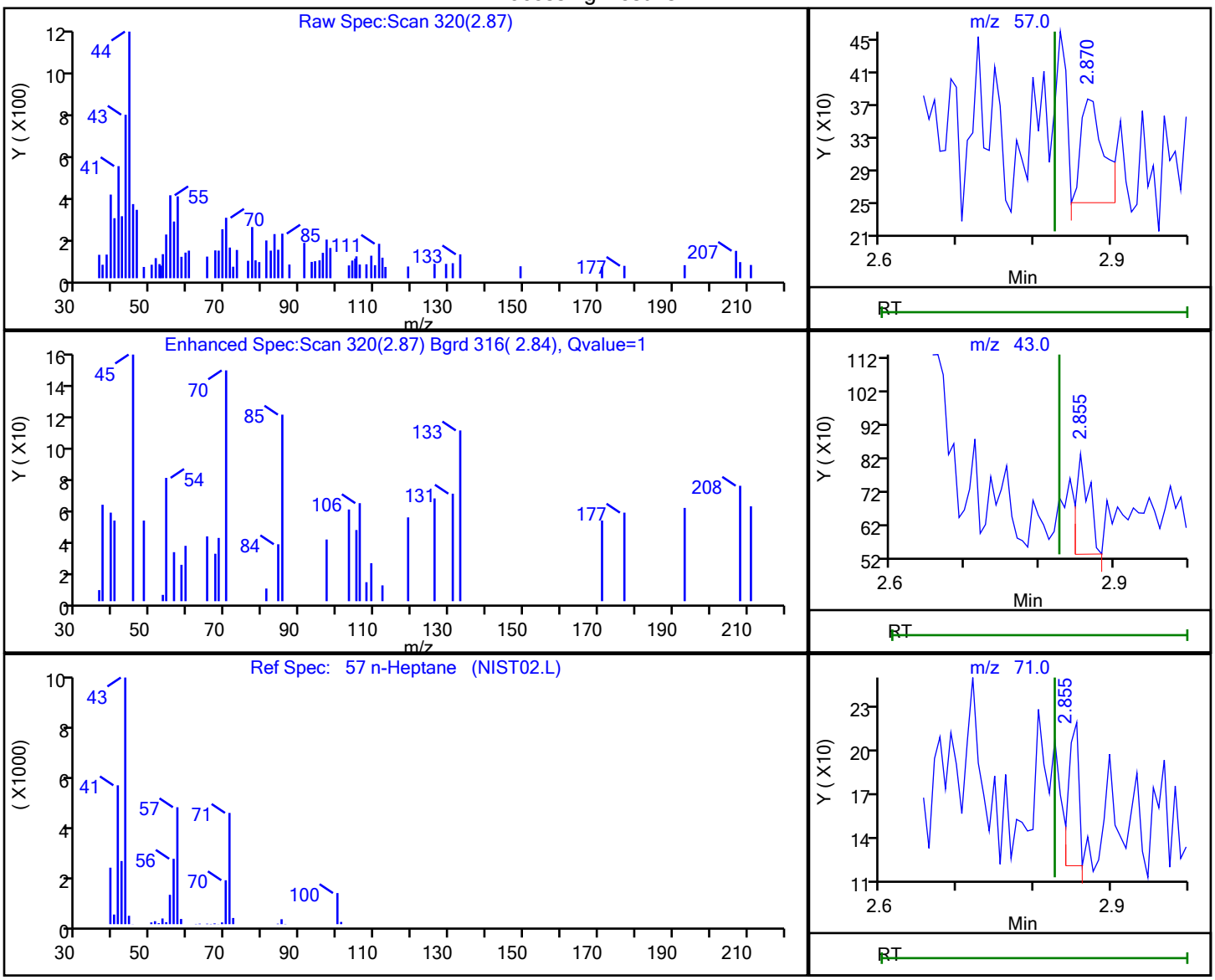
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D 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 |
|---|---|---|---|
| 2.87 | 57.00 | 254 | 0.204970 |
| 2.86 | 43.00 | 363 | |
| 2.86 | 71.00 | 91 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:08

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

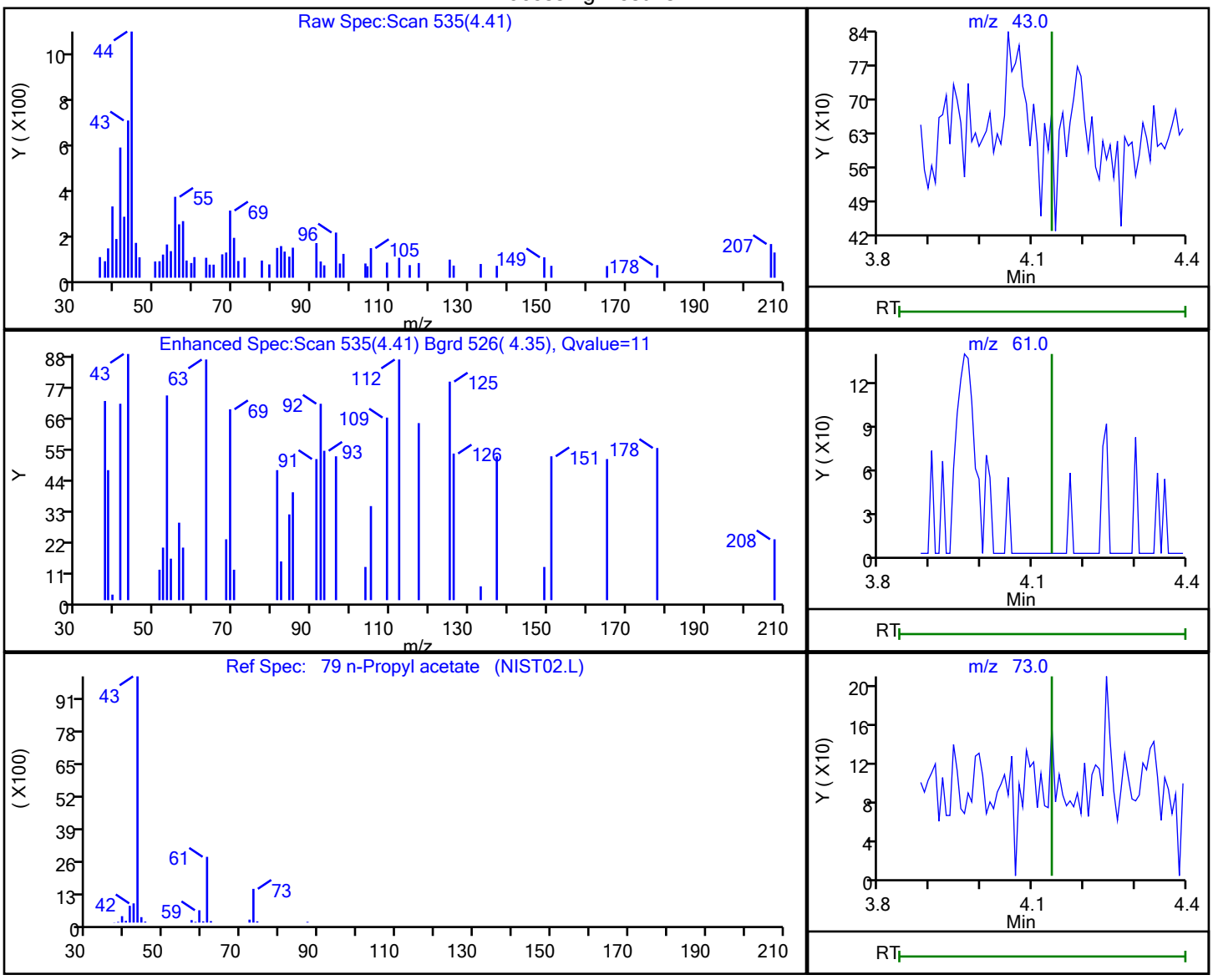
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 79 n-Propyl acetate, CAS: 109-60-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.41 | 43.00 | 281 | 0.108223 |
| 4.42 | 61.00 | 101 | |
| 4.42 | 73.00 | 431 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:10
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

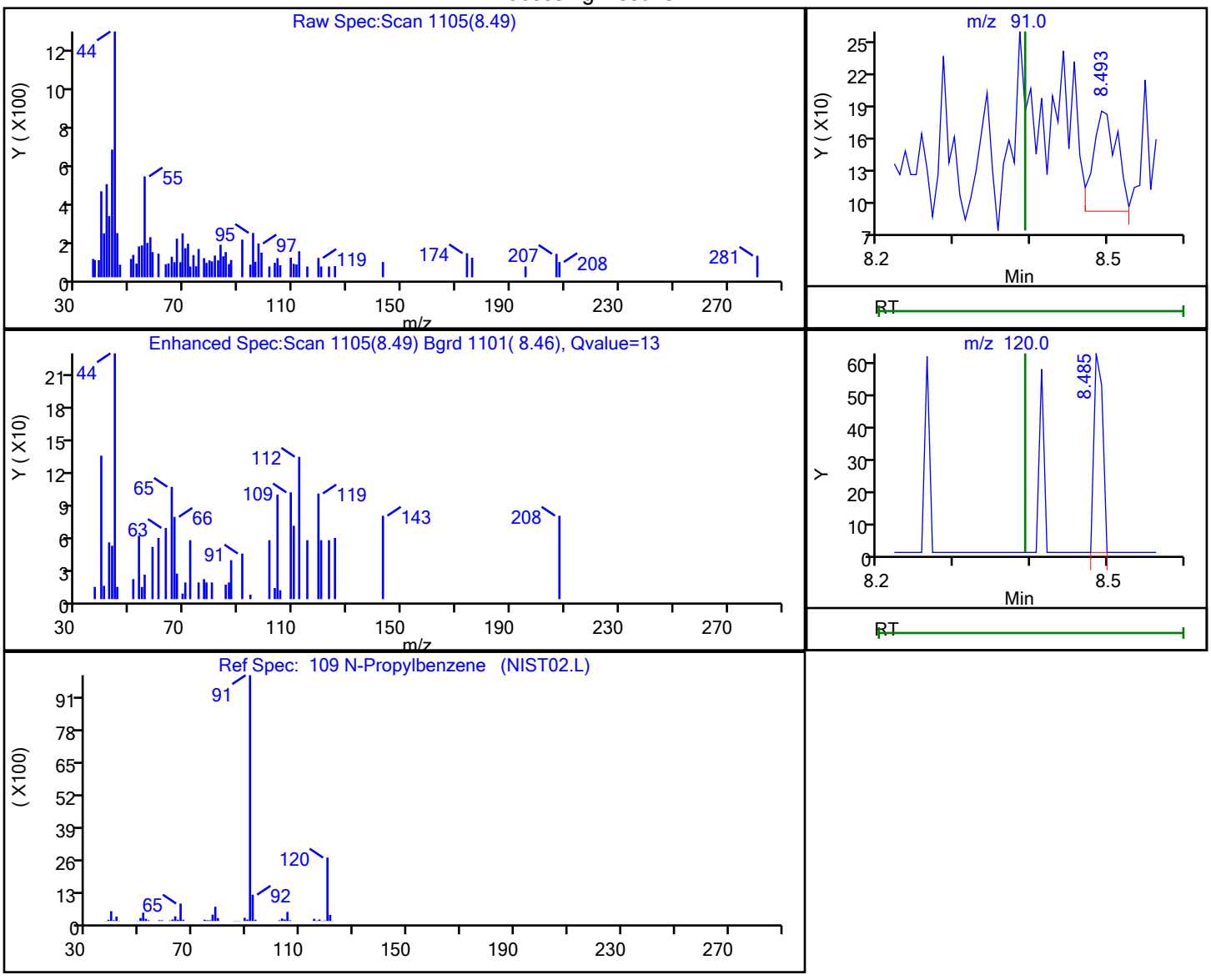
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 109 N-Propylbenzene, CAS: 103-65-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.49 | 91.00 | 202 | 0.012931 |
| 8.49 | 120.00 | 50 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47

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

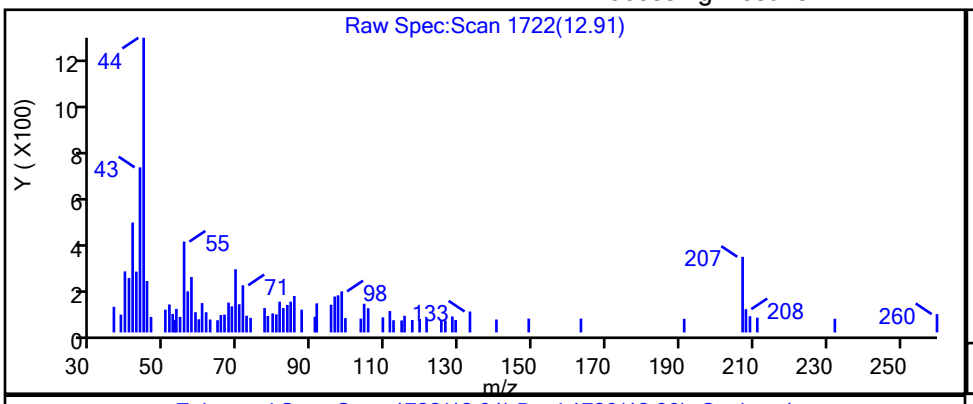
User Disabled Compound Report

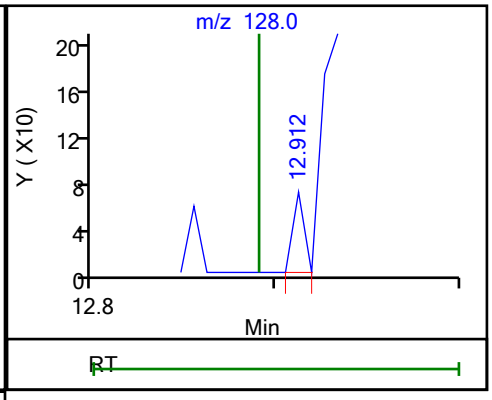
Eurofins TestAmerica, Edison

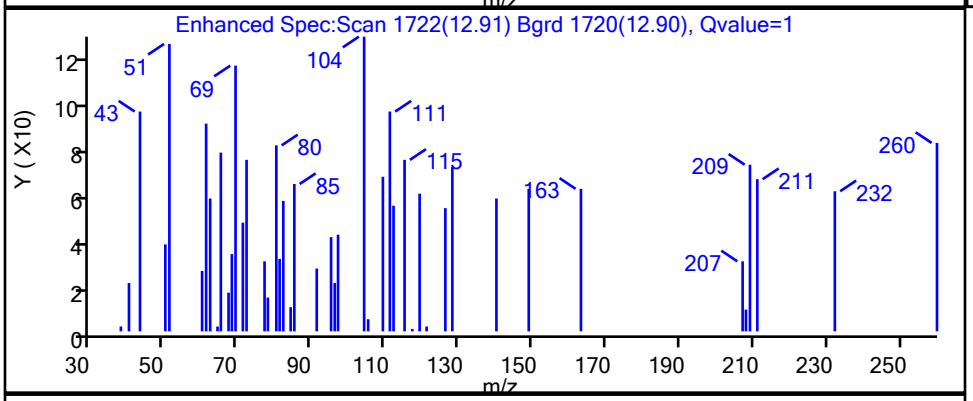
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

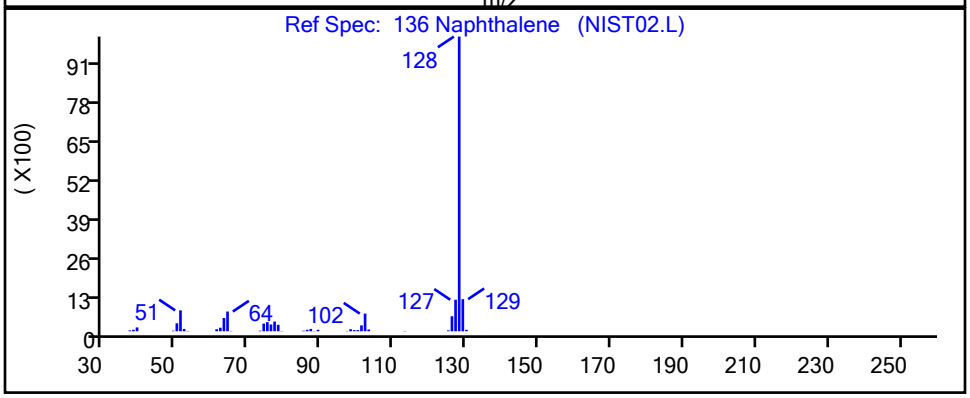
## 136 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.91 | 128.00 | 29 | 0.003948 |

Reviewer: delpolitov, 13-Sep-2021 17:03:49

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

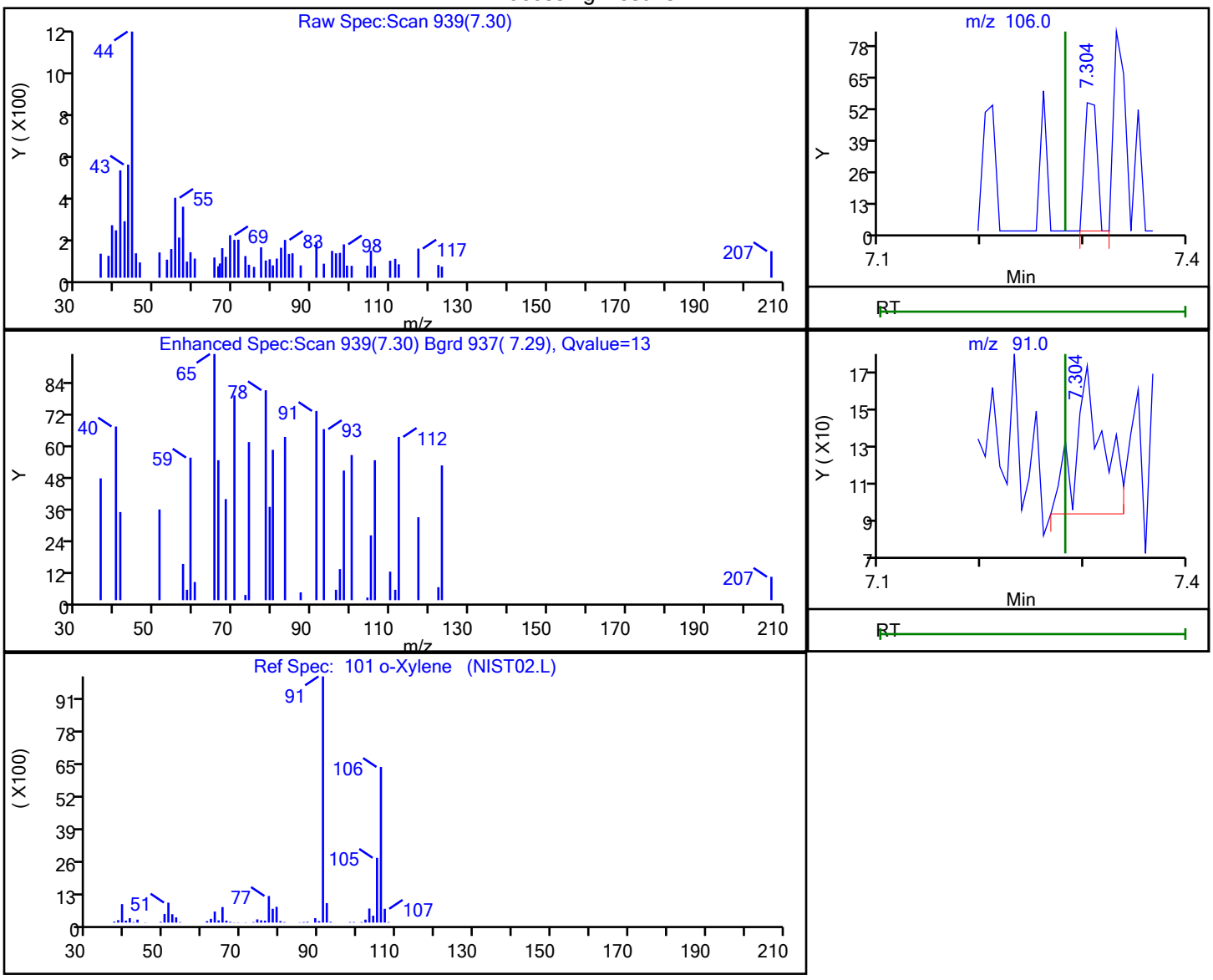
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.30 | 106.00 | 46 | 0.009001 |
| 7.30 | 91.00 | 141 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47

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

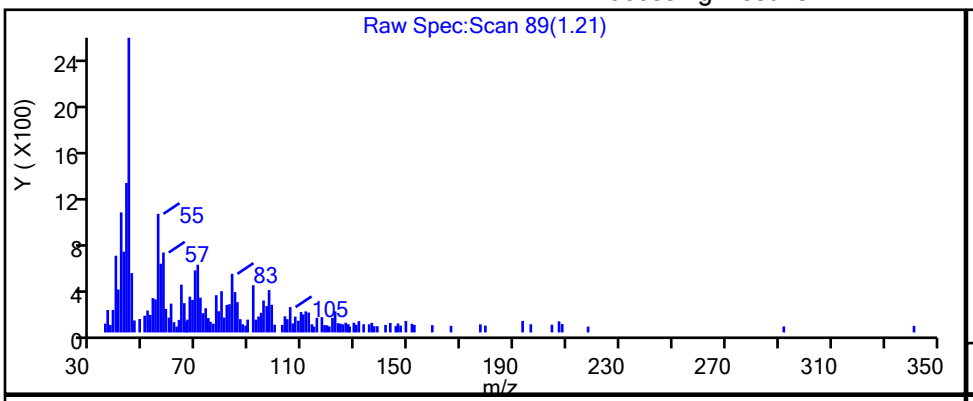
User Disabled Compound Report

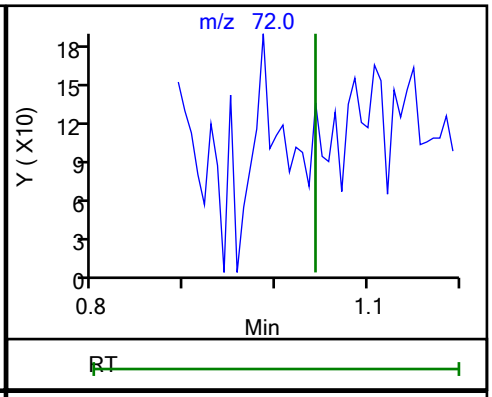
Eurofins TestAmerica, Edison

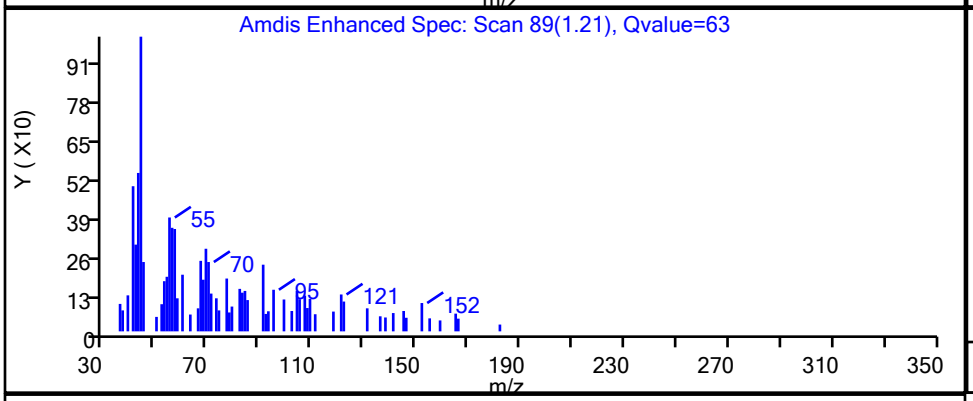
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

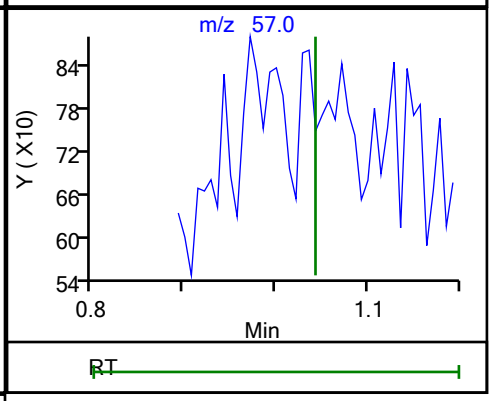
## 11 Pentane, CAS: 109-66-0

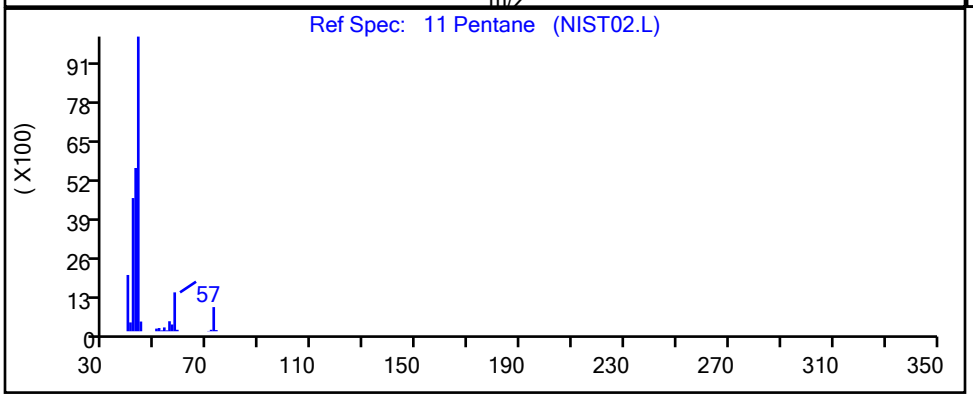
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.21 | 72.00 | 140 | 0.263244 |
| 1.21 | 57.00 | 212 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

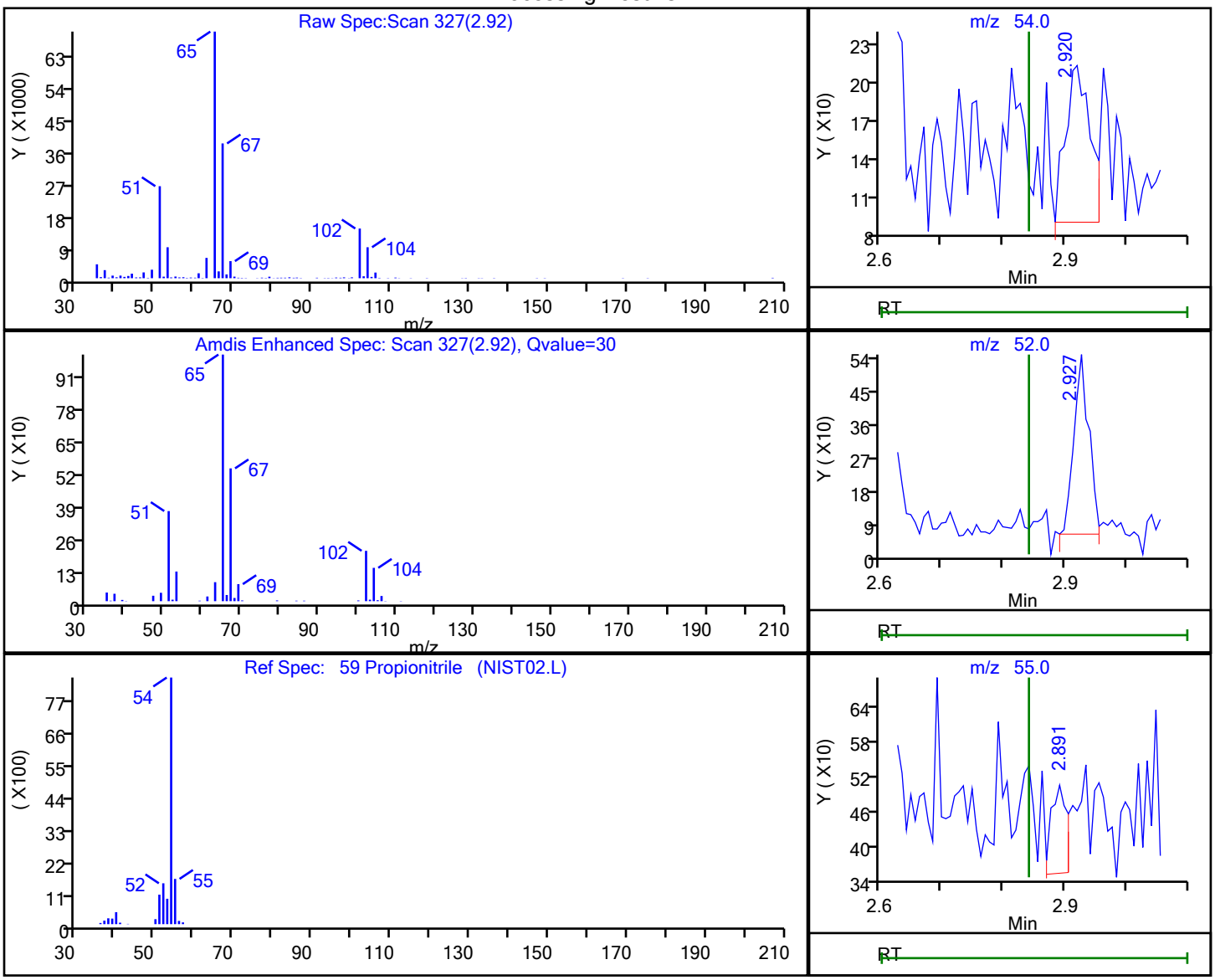
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 59 Propionitrile, CAS: 107-12-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.92 | 54.00 | 337 | |
| 2.93 | 52.00 | 834 | |
| 2.89 | 55.00 | 261 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

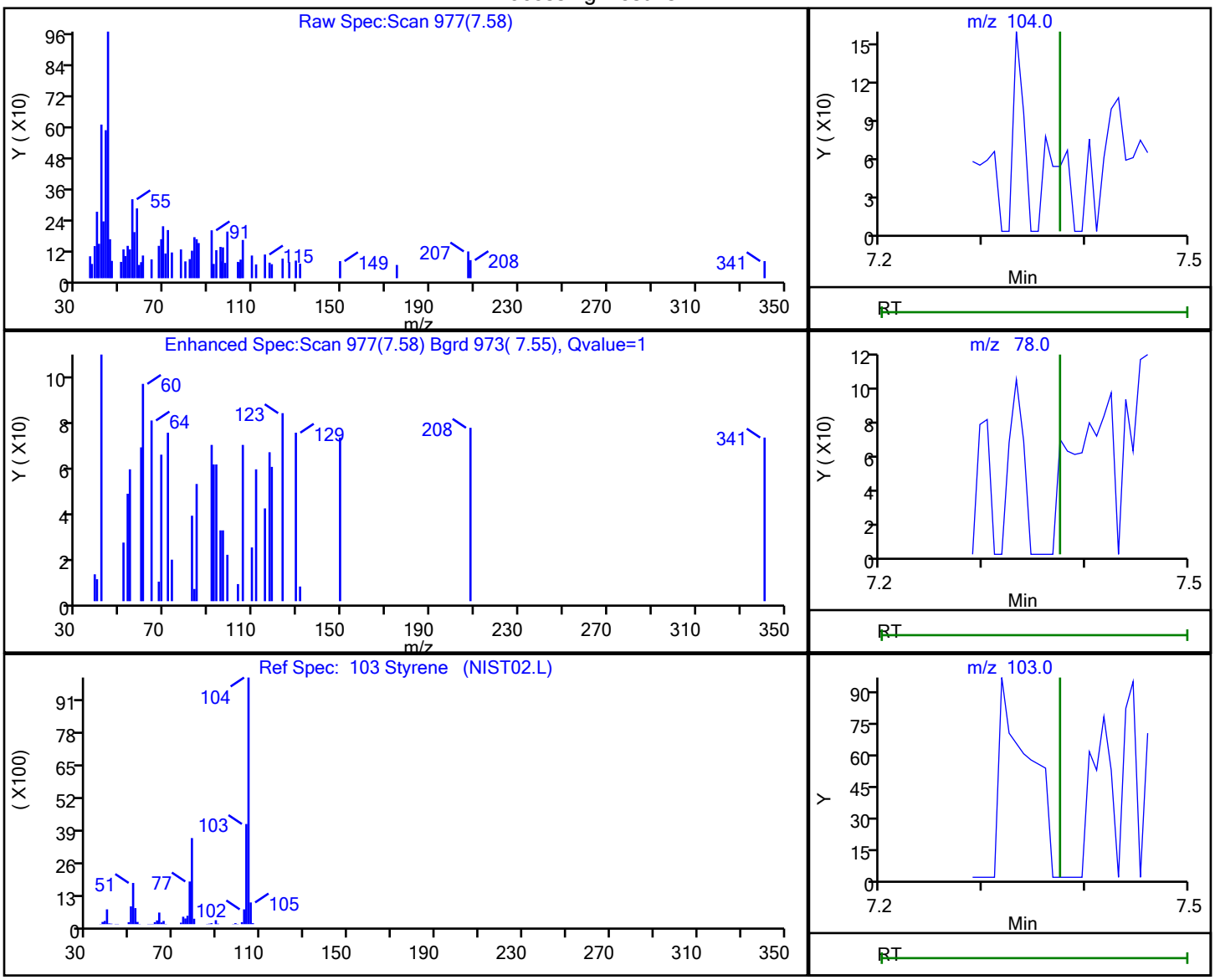
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 103 Styrene, CAS: 100-42-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.58 | 104.00 | 175 | 0.020559 |
| 7.58 | 78.00 | 95 | |
| 7.58 | 103.00 | 50 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

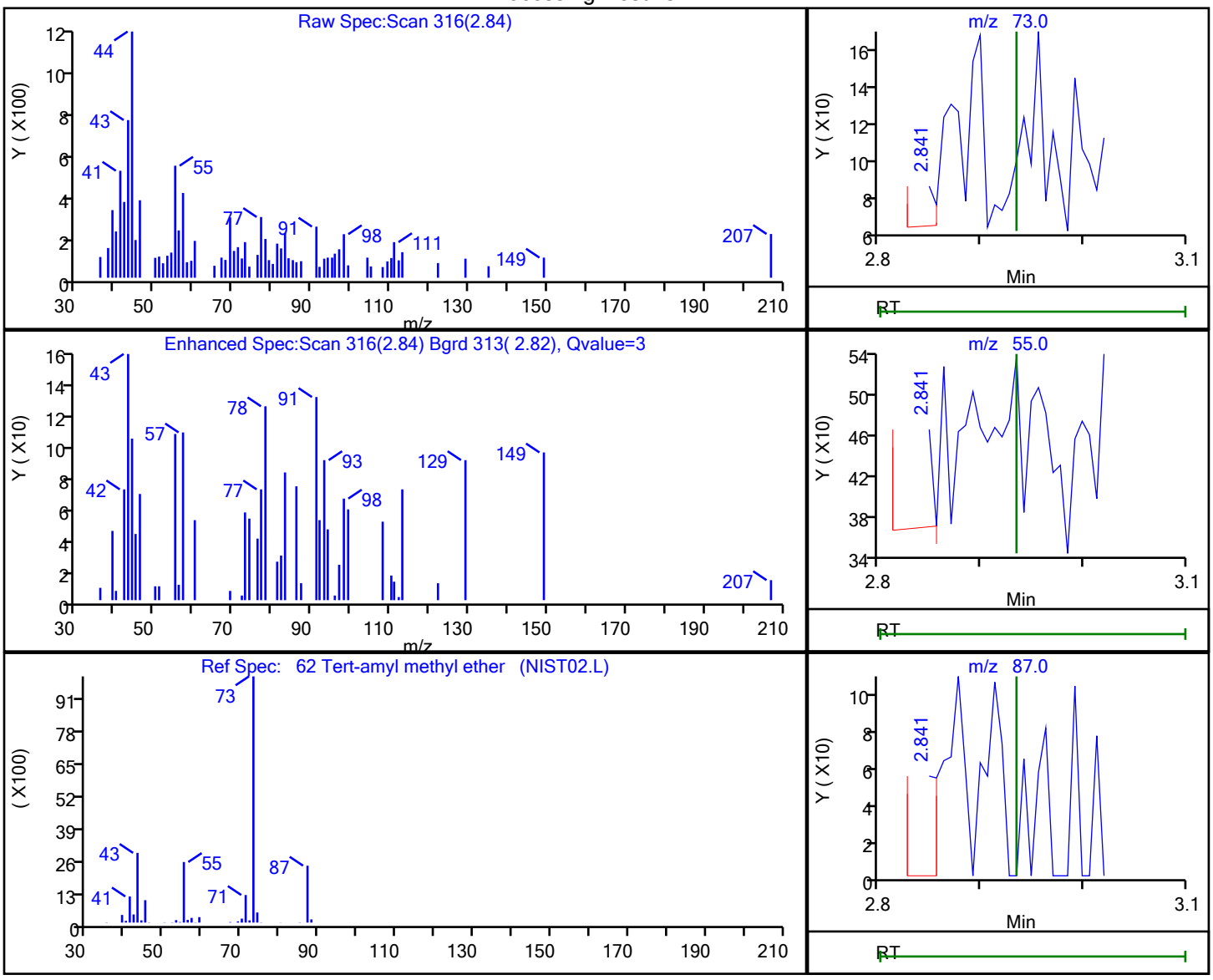
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

## 62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.84 | 73.00 | 87 | |
| 2.84 | 55.00 | 262 | |
| 2.84 | 87.00 | 129 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:09

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

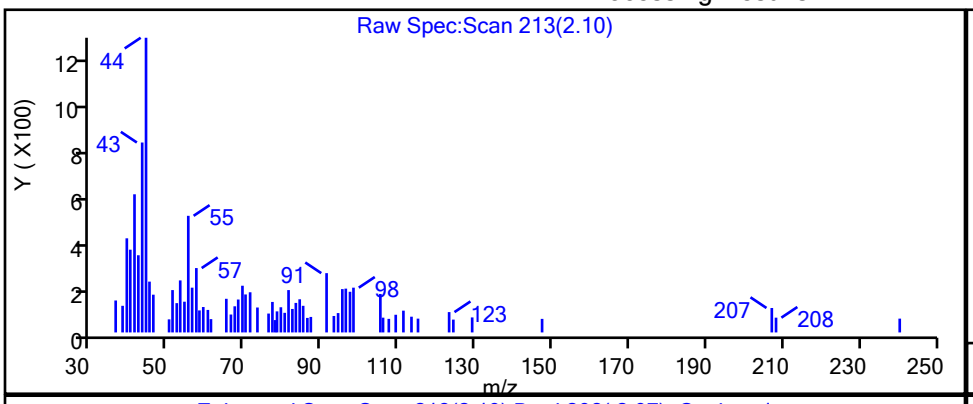
User Disabled Compound Report

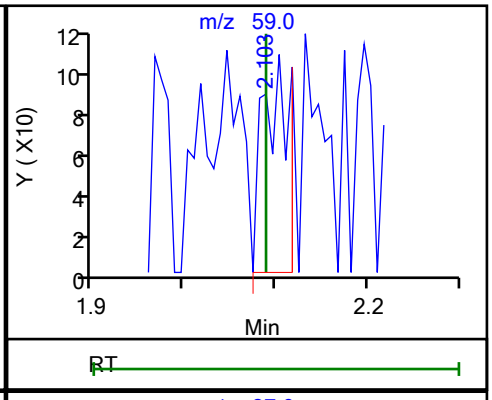
Eurofins TestAmerica, Edison

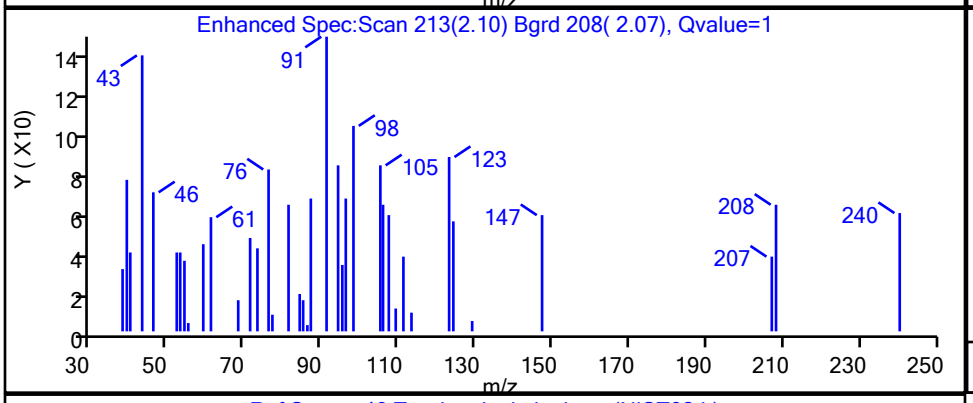
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 | | |
| Lims ID: | STD7 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

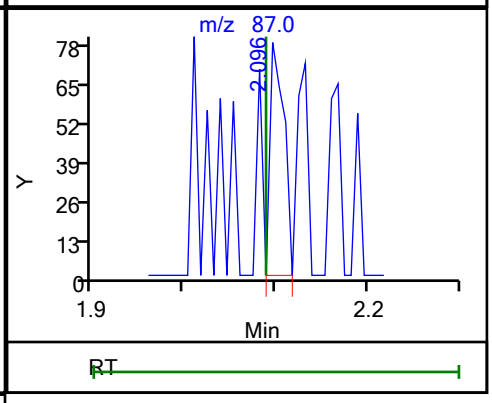
## 40 Tert-butyl ethyl ether, CAS: 637-92-3

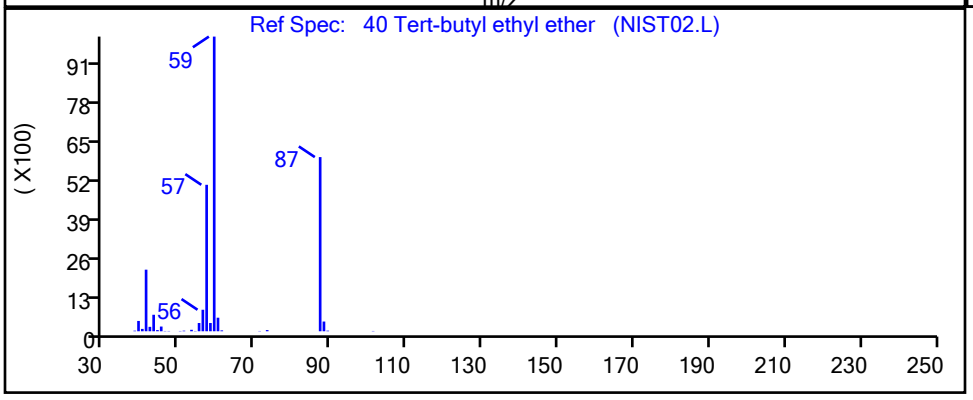
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.10 | 59.00 | 208 | |
| 2.10 | 87.00 | 84 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:06

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

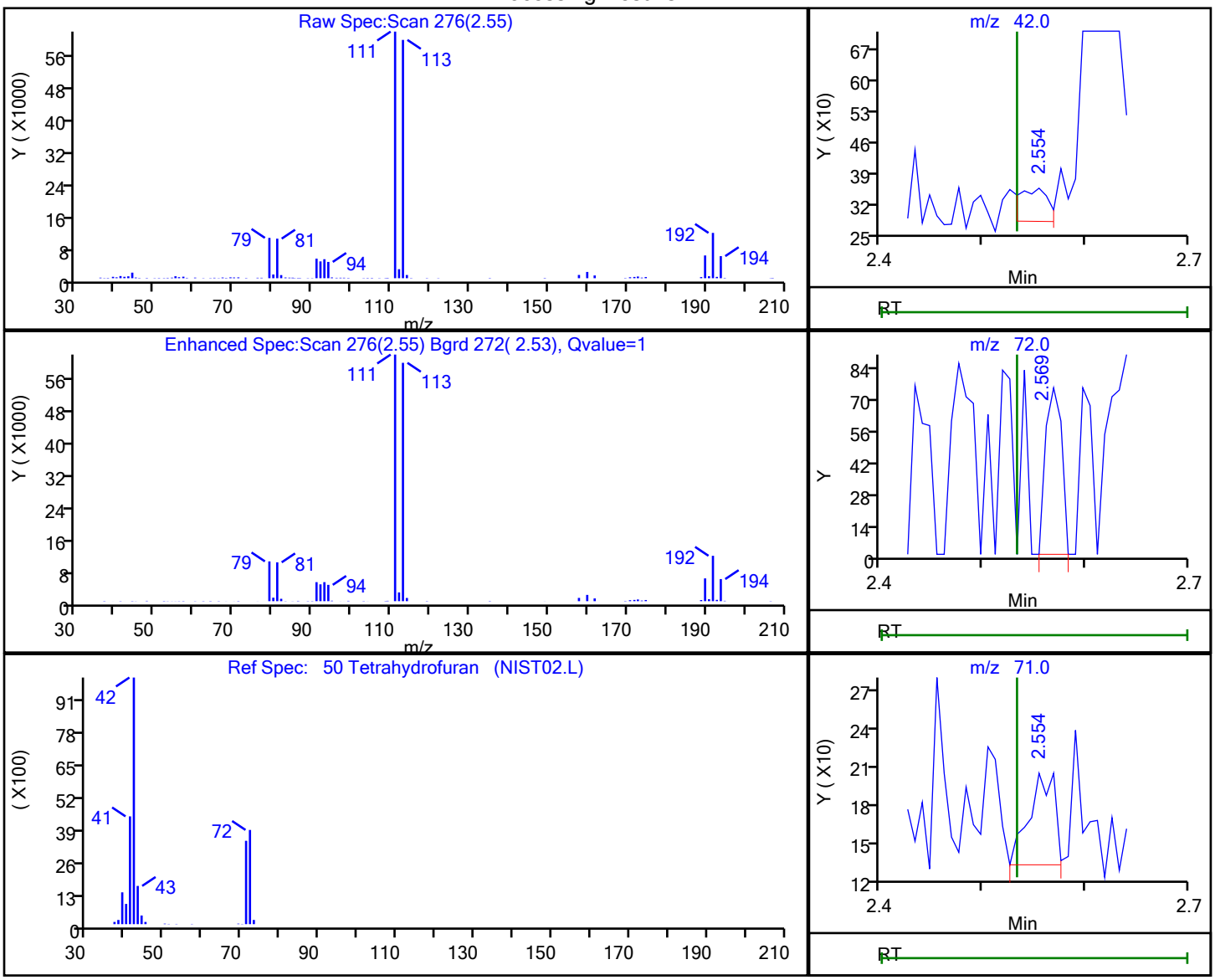
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 50 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.55 | 42.00 | 149 | 0.177879 |
| 2.57 | 72.00 | 83 | |
| 2.55 | 71.00 | 115 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:08
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

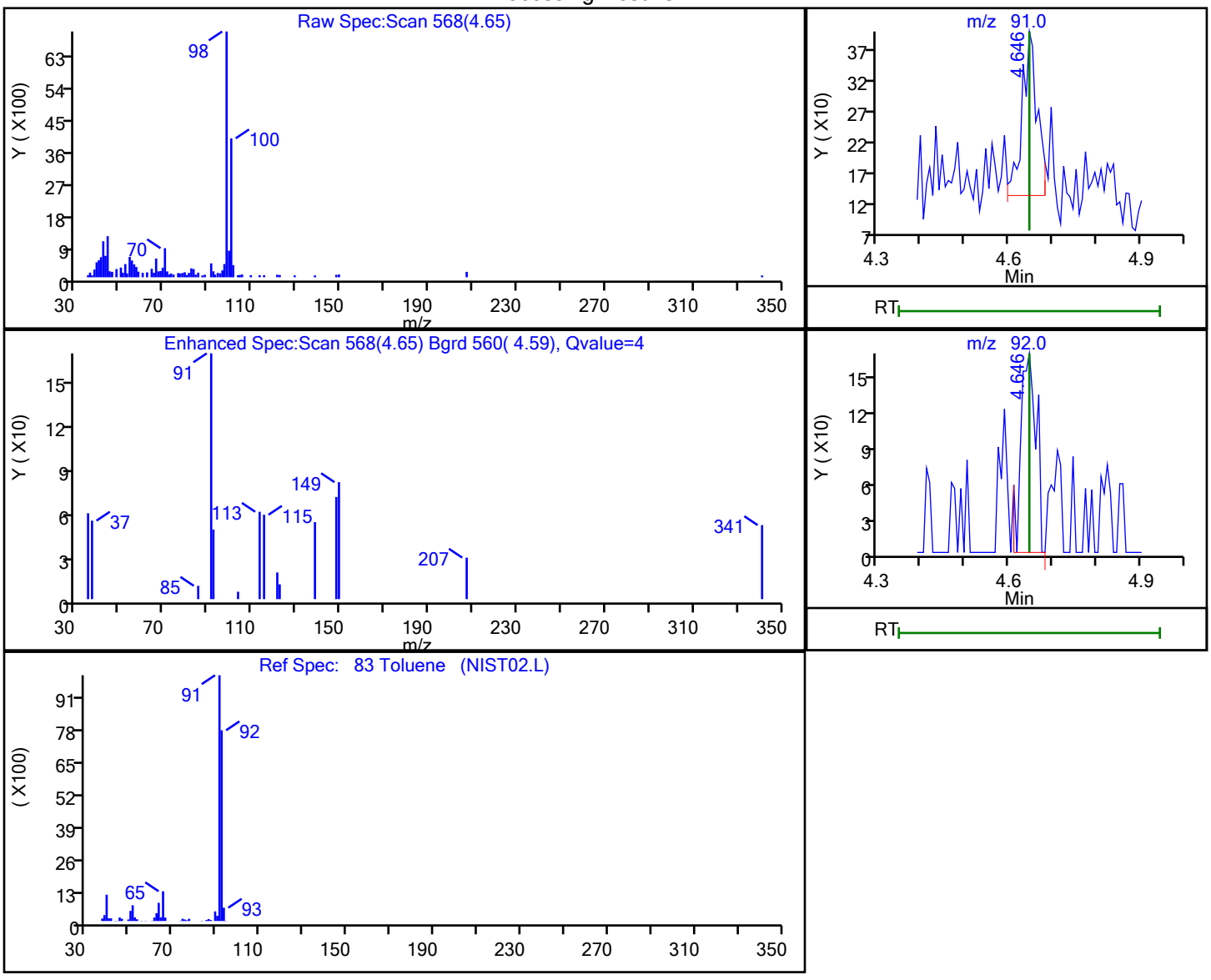
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D | | |
| Injection Date: | 12-Sep-2021 11:04:30 | Instrument ID: | CVOAMS13 |
| Lims ID: | STD7 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 2 Worklist Smp#: 3 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_13 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 83 Toluene, CAS: 108-88-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.65 | 91.00 | 628 | 0.049301 |
| 4.65 | 92.00 | 415 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:10

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

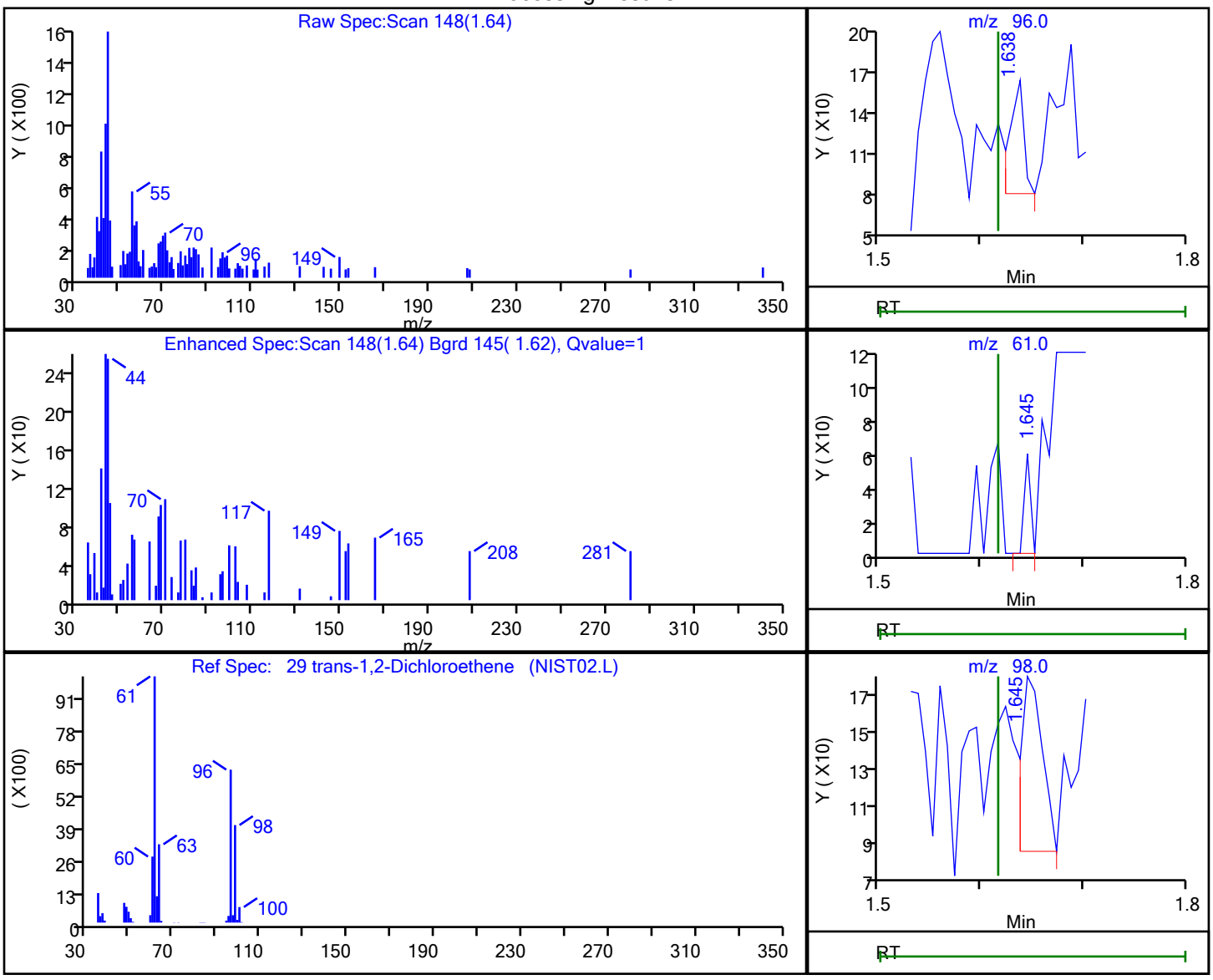
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 29 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.64 | 96.00 | 75 | 0.024787 |
| 1.64 | 61.00 | 25 | |
| 1.64 | 98.00 | 134 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

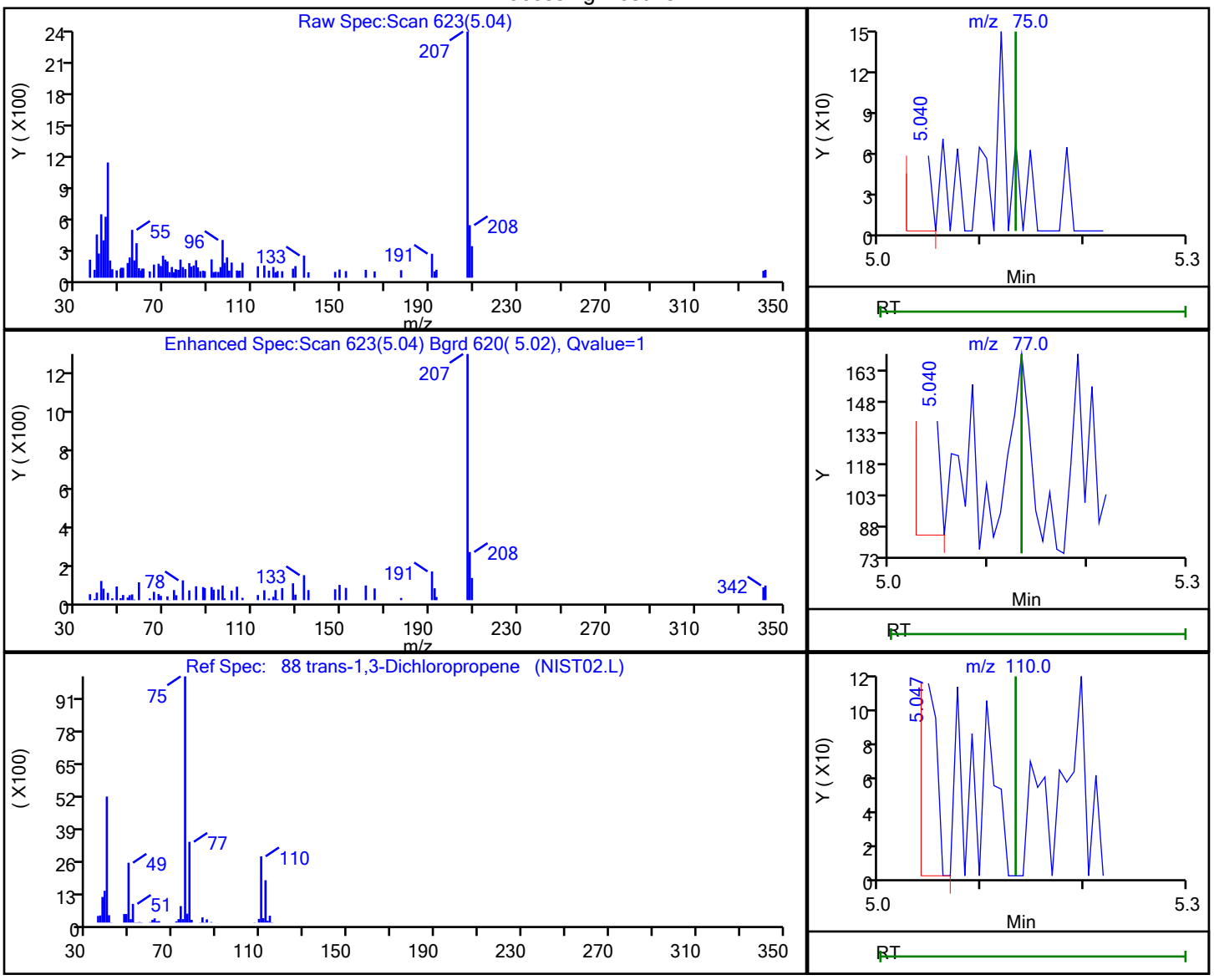
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 88 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.04 | 75.00 | 158 | 0.995838 |
| 5.04 | 77.00 | 104 | |
| 5.05 | 110.00 | 87 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

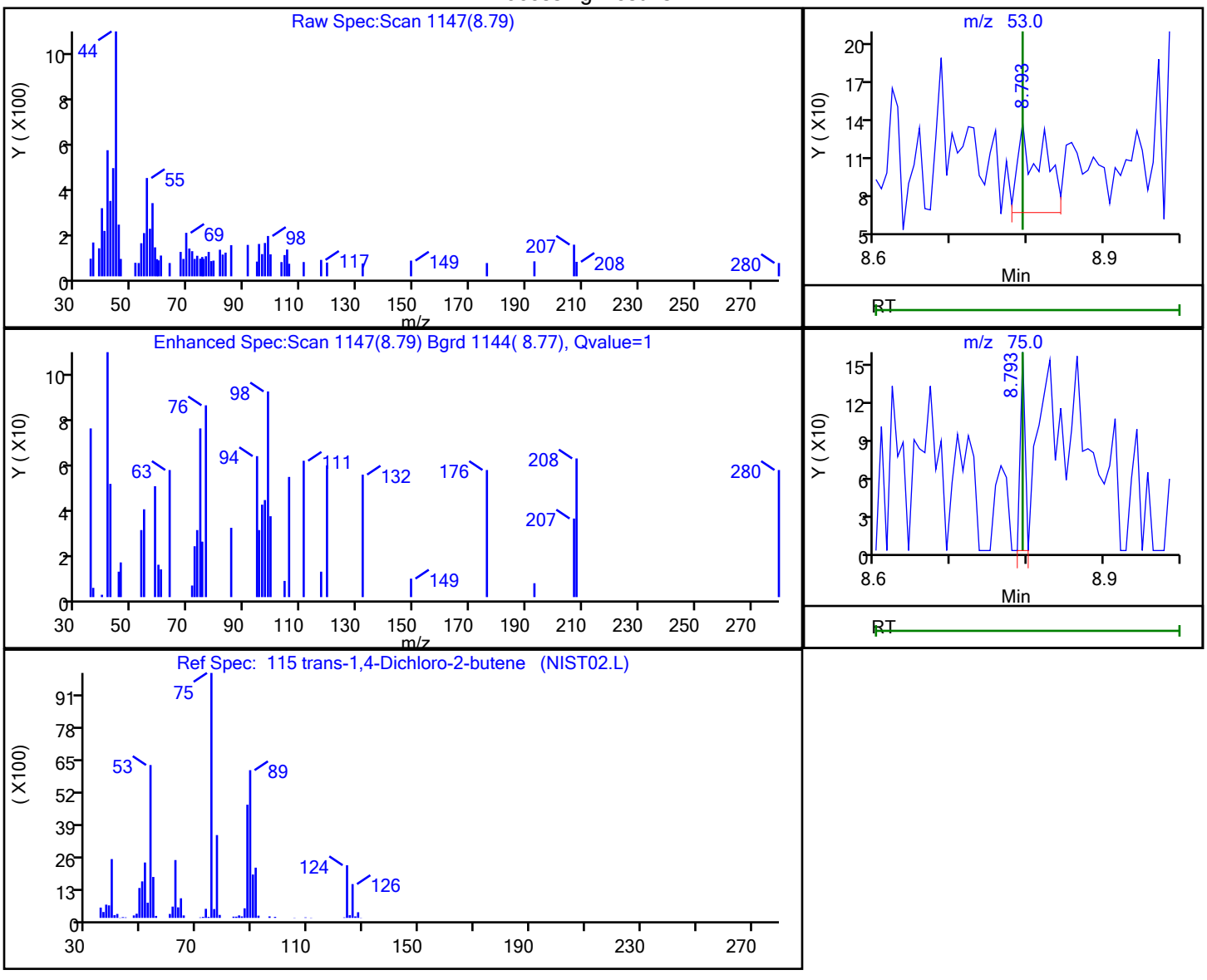
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D 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 |
|---|---|---|---|
| 8.79 | 53.00 | 151 | |
| 8.79 | 75.00 | 65 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

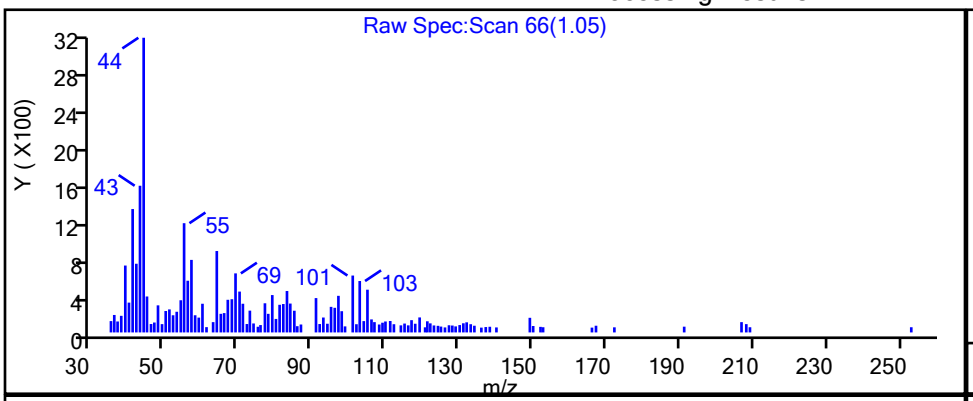
User Disabled Compound Report

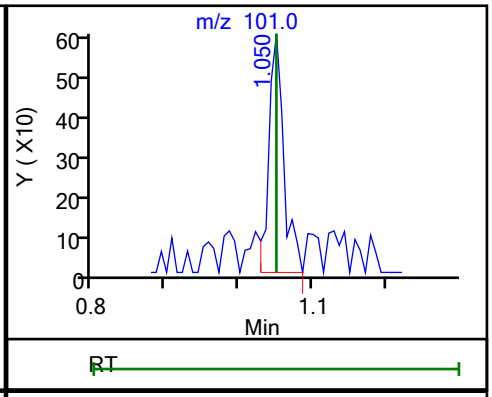
Eurofins TestAmerica, Edison

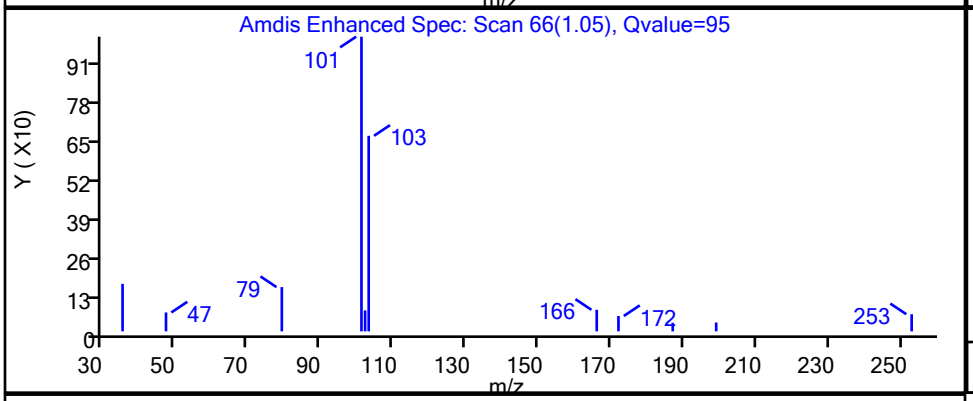
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

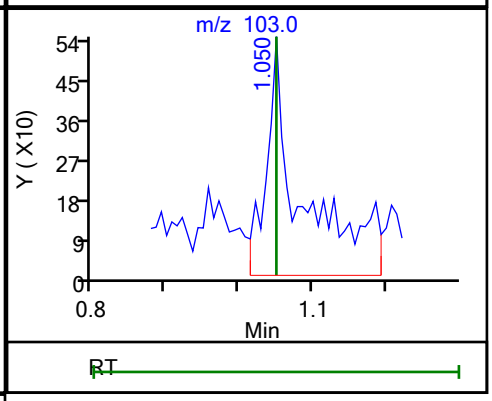
## 12 Trichlorofluoromethane, CAS: 75-69-4

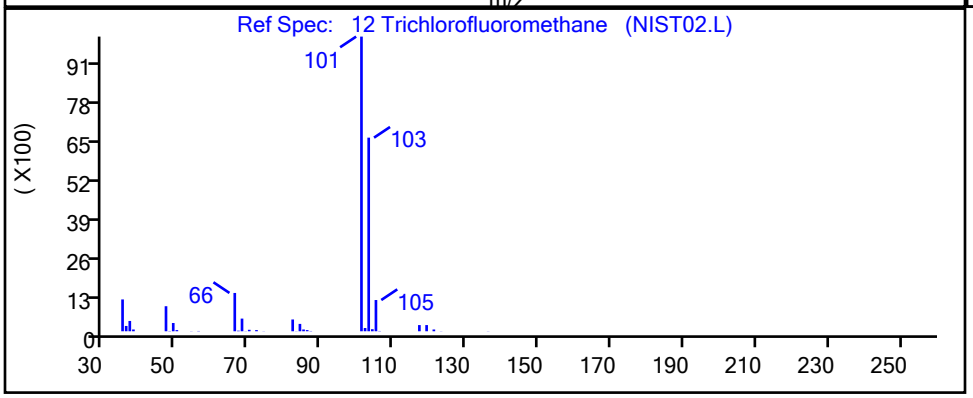
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.05 | 101.00 | 850 | 0.205860 |
| 1.05 | 103.00 | 1844 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

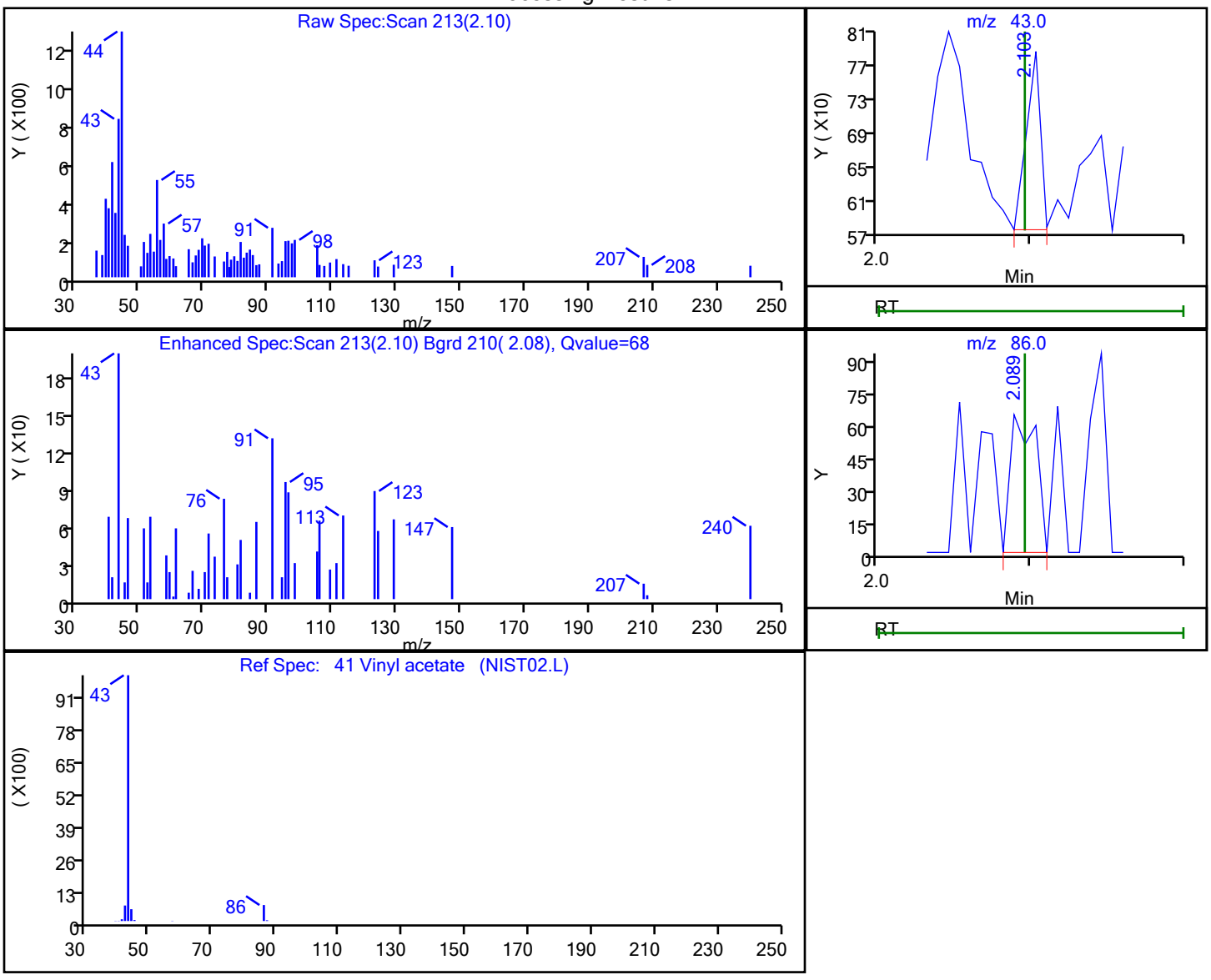
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 41 Vinyl acetate, CAS: 108-05-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.10 | 43.00 | 137 | 0.024663 |
| 2.09 | 86.00 | 76 | |

Reviewer: delpolitov, 13-Sep-2021 17:03:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

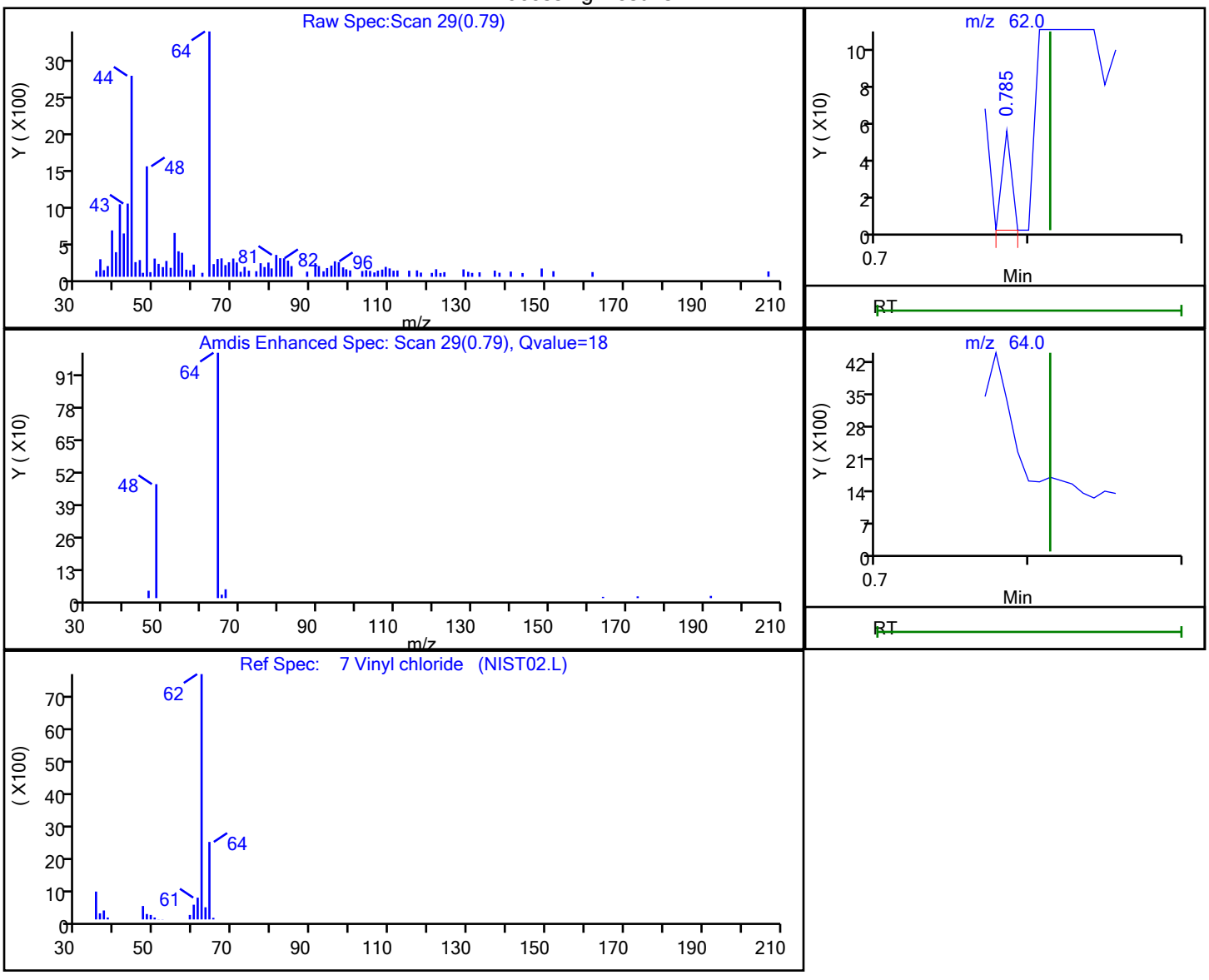
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93052.D
Injection Date: 12-Sep-2021 11:04:30 Instrument ID: CVOAMS13
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D 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 |
|---|---|---|---|
| 0.79 | 62.00 | 23 | 0.008045 |
| 0.78 | 64.00 | 31920 | |

Reviewer: delpolitov, 13-Sep-2021 17:02:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 12-Sep-2021 11:29:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0134419-004
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2021 09:09:31 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: boykink Date: 12-Sep-2021 11:06:55

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.699 | 0.692 | 0.007 | 52 | 925 | 1.00 | 0.8615 | |
| 3 Dichlorodifluoromethane | 85 | 0.699 | 0.699 | 0.000 | 97 | 3445 | 1.00 | 0.8647 | M |
| 168 Chlorodifluoromethane | 51 | 0.771 | 0.771 | 0.000 | 60 | 5220 | 1.00 | 1.00 | |
| 6 Chloromethane | 50 | 0.814 | 0.814 | 0.000 | 50 | 4089 | 1.00 | 0.9298 | Ma |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 72 | 4230 | 1.00 | 1.06 | a |
| 175 Butadiene | 54 | 0.814 | 0.814 | 0.000 | 93 | 4045 | 1.00 | 1.07 | M |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 93 | 1796 | 1.00 | 0.8802 | M |
| 10 Chloroethane | 64 | 1.000 | 0.993 | 0.007 | 98 | 2143 | 1.00 | 1.14 | Ma |
| 11 Pentane | 72 | 1.050 | 1.043 | 0.007 | 94 | 975 | 2.00 | 1.97 | |
| 12 Trichlorofluoromethane | 101 | 1.050 | 1.050 | 0.000 | 76 | 4481 | 1.00 | 1.02 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 97 | 4129 | 1.00 | 0.9491 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.172 | 1.172 | 0.000 | 95 | 5689 | 1.00 | 1.04 | Ma |
| 15 Ethyl ether | 59 | 1.179 | 1.179 | 0.000 | 72 | 2487 | 1.00 | 1.06 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.265 | 1.265 | 0.000 | 87 | 948 | 1.00 | 0.8193 | M |
| 17 1,1-Dichloroethene | 96 | 1.265 | 1.265 | 0.000 | 97 | 2666 | 1.00 | 0.9588 | |
| 19 Carbon disulfide | 76 | 1.286 | 1.286 | 0.000 | 99 | 11890 | 1.00 | 1.08 | |
| 20 112TCTFE | 101 | 1.286 | 1.286 | 0.000 | 58 | 2336 | 1.00 | 0.9022 | |
| 16 Ethanol | 46 | 1.265 | 1.286 | -0.021 | 26 | 639 | 40.0 | 42.0 | a |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.294 | 1.294 | 0.000 | 95 | 4915 | 1.00 | 1.10 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 98 | 2184 | 1.00 | 1.02 | M |
| 169 Cyclopentene | 67 | 1.401 | 1.401 | 0.000 | 97 | 6518 | 1.00 | 0.9382 | |
| 24 Acrolein | 56 | 1.430 | 1.423 | 0.007 | 89 | 590 | 4.06 | 3.29 | |
| 164 3-Chloro-1-propene | 76 | 1.487 | 1.487 | 0.000 | 28 | 1742 | 1.00 | 0.9717 | |
| 26 Isopropyl alcohol | 45 | 1.509 | 1.508 | 0.001 | 96 | 1487 | 10.0 | 12.1 | |
| 27 Methylene Chloride | 84 | 1.544 | 1.544 | 0.000 | 92 | 3824 | 1.00 | 1.10 | M |
| 28 Acetone | 43 | 1.566 | 1.566 | 0.000 | 86 | 2994 | 5.00 | 6.19 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.623 | 1.616 | 0.007 | 94 | 3016 | 1.00 | 0.9640 | |
| 30 Methyl acetate | 43 | 1.630 | 1.623 | 0.007 | 89 | 2217 | 2.00 | 1.54 | |
| 31 Hexane | 86 | 1.659 | 1.666 | -0.007 | 86 | 794 | 1.00 | 0.9829 | |
| 32 Methyl tert-butyl ether | 73 | 1.673 | 1.673 | 0.000 | 91 | 8120 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| * 33 TBA-d9 (IS) | 65 | 1.688 | 1.688 | 0.000 | 99 | 160729 | 1000.0 | 1000.0 | |
| 34 2-Methyl-2-propanol | 59 | 1.731 | 1.731 | 0.000 | 99 | 3074 | 10.0 | 9.95 | |
| 35 Acetonitrile | 41 | 1.824 | 1.809 | 0.015 | 91 | 2962 | 10.0 | 10.9 | |
| 36 Isopropyl ether | 45 | 1.881 | 1.881 | 0.000 | 96 | 10271 | 1.00 | 1.04 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 92 | 2554 | 1.00 | 0.9344 | |
| 38 1,1-Dichloroethane | 63 | 1.945 | 1.938 | 0.007 | 98 | 5980 | 1.00 | 1.04 | |
| 39 Acrylonitrile | 53 | 1.981 | 2.003 | -0.022 | 94 | 7603 | 10.0 | 10.4 | |
| 40 Tert-butyl ethyl ether | 59 | 2.089 | 2.089 | 0.000 | 89 | 10024 | 1.00 | 1.07 | |
| 41 Vinyl acetate | 43 | 2.110 | 2.096 | 0.014 | 99 | 10457 | 2.00 | 1.82 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.268 | 2.261 | 0.007 | 97 | 3237 | 1.00 | 0.9606 | |
| 43 2,2-Dichloropropane | 97 | 2.325 | 2.325 | 0.000 | 95 | 985 | 1.00 | 0.99 | |
| 44 Cyclohexane | 56 | 2.382 | 2.382 | 0.000 | 88 | 4421 | 1.00 | 0.9138 | |
| 45 Chlorobromomethane | 128 | 2.390 | 2.390 | 0.000 | 85 | 1579 | 1.00 | 1.02 | |
| 46 Chloroform | 83 | 2.447 | 2.440 | 0.007 | 99 | 5391 | 1.00 | 0.99 | |
| 47 Carbon tetrachloride | 117 | 2.519 | 2.526 | -0.007 | 93 | 4155 | 1.00 | 1.07 | |
| 49 Methyl acrylate | 55 | 2.547 | 2.533 | 0.014 | 32 | 2178 | 1.00 | 1.08 | |
| 48 Ethyl acetate | 70 | 2.547 | 2.533 | 0.014 | 30 | 699 | 2.00 | 2.45 | Ma |
| 50 Tetrahydrofuran | 42 | 2.547 | 2.533 | 0.014 | 29 | 1695 | 2.00 | 2.11 | |
| 52 1,1,1-Trichloroethane | 97 | 2.569 | 2.561 | 0.008 | 95 | 5058 | 1.00 | 1.06 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.562 | 0.000 | 97 | 126971 | 50.0 | 49.1 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 189602 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.655 | 2.647 | 0.008 | 72 | 1718 | 5.00 | 5.88 | a |
| 55 1,1-Dichloropropene | 110 | 2.655 | 2.655 | 0.000 | 89 | 1804 | 1.00 | 1.13 | a |
| 56 Isooctane | 57 | 2.733 | 2.733 | 0.000 | 99 | 5829 | 1.00 | 0.8482 | |
| 58 Benzene | 78 | 2.834 | 2.826 | 0.008 | 95 | 12659 | 1.00 | 0.99 | |
| 57 n-Heptane | 57 | 2.834 | 2.826 | 0.008 | 45 | 1703 | 1.00 | 0.9687 | a |
| 59 Propionitrile | 54 | 2.855 | 2.841 | 0.014 | 35 | 2504 | 10.0 | 8.09 | a |
| 60 Methacrylonitrile | 67 | 2.862 | 2.855 | 0.007 | 90 | 8108 | 10.0 | 8.95 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.927 | 0.000 | 0 | 139431 | 50.0 | 48.9 | |
| 62 Tert-amyl methyl ether | 73 | 2.934 | 2.934 | 0.000 | 97 | 8209 | 1.00 | 1.03 | |
| 63 1,2-Dichloroethane | 62 | 2.977 | 2.977 | 0.000 | 89 | 4248 | 1.00 | 1.11 | |
| 64 Isobutyl alcohol | 43 | 3.063 | 3.049 | 0.014 | 95 | 1876 | 25.0 | 22.0 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.149 | 0.000 | 99 | 555310 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.221 | 3.213 | 0.007 | 95 | 4159 | 1.00 | 0.9802 | |
| 68 Methylcyclohexane | 83 | 3.263 | 3.263 | 0.000 | 93 | 3987 | 1.00 | 0.8732 | |
| 69 Trichloroethene | 130 | 3.292 | 3.285 | 0.007 | 98 | 3269 | 1.00 | 1.01 | |
| 71 Dibromomethane | 93 | 3.657 | 3.629 | 0.028 | 95 | 1913 | 1.00 | 1.09 | |
| 72 n-Butanol | 56 | 3.643 | 3.650 | -0.007 | 22 | 180 | 25.0 | 25.5 | a |
| 73 1,2-Dichloropropane | 63 | 3.722 | 3.715 | 0.007 | 91 | 3639 | 1.00 | 1.09 | |
| 75 Dichlorobromomethane | 83 | 3.808 | 3.794 | 0.014 | 97 | 3433 | 1.00 | 0.8503 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.958 | 3.966 | -0.008 | 63 | 20739 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 4.001 | 3.980 | 0.021 | 81 | 1177 | 2.00 | 1.92 | |
| 78 1,4-Dioxane | 88 | 3.994 | 3.987 | 0.007 | 43 | 1533 | 50.0 | 58.8 | |
| 79 n-Propyl acetate | 43 | 4.166 | 4.137 | 0.029 | 98 | 2383 | 1.00 | 0.8876 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.410 | 4.381 | 0.029 | 40 | 1106 | 1.00 | 0.7225 | a |
| 81 cis-1,3-Dichloropropene | 75 | 4.431 | 4.410 | 0.021 | 93 | 4854 | 1.00 | 0.9640 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.596 | 4.596 | 0.000 | 99 | 489820 | 50.0 | 50.7 | |
| 83 Toluene | 91 | 4.646 | 4.646 | 0.000 | 91 | 13018 | 1.00 | 1.02 | |
| 84 Epichlorohydrin | 57 | 4.703 | 4.653 | 0.050 | 93 | 2232 | 20.0 | 16.3 | |
| 85 2-Nitropropane | 41 | 4.897 | 4.882 | 0.015 | 93 | 1329 | 2.00 | 2.36 | |
| 86 Tetrachloroethene | 166 | 5.069 | 5.054 | 0.015 | 94 | 3329 | 1.00 | 1.09 | |
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.119 | 5.097 | 0.022 | 95 | 9004 | 5.00 | 4.96 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 trans-1,3-Dichloropropene | 75 | 5.190 | 5.133 | 0.057 | 88 | 3968 | 1.00 | 0.9510 | a |
| 89 1,1,2-Trichloroethane | 83 | 5.305 | 5.298 | 0.007 | 94 | 1867 | 1.00 | 0.9343 | |
| 90 Ethyl methacrylate | 69 | 5.420 | 5.391 | 0.029 | 81 | 1902 | 1.00 | 0.7467 | |
| 91 Chlorodibromomethane | 129 | 5.506 | 5.491 | 0.015 | 95 | 2803 | 1.00 | 1.03 | |
| 92 1,3-Dichloropropane | 76 | 5.606 | 5.599 | 0.007 | 94 | 4404 | 1.00 | 1.04 | |
| 93 Ethylene Dibromide | 107 | 5.749 | 5.713 | 0.036 | 95 | 2023 | 1.00 | 0.8696 | M |
| 94 n-Butyl acetate | 43 | 6.107 | 6.079 | 0.029 | 92 | 2049 | 1.00 | 0.8114 | |
| 95 2-Hexanone | 43 | 6.165 | 6.129 | 0.035 | 97 | 5482 | 5.00 | 4.52 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 86 | 378980 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.415 | 6.415 | 0.000 | 96 | 8381 | 1.00 | 1.05 | |
| 98 Ethylbenzene | 106 | 6.508 | 6.501 | 0.007 | 99 | 4811 | 1.00 | 1.12 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.530 | 6.523 | 0.007 | 88 | 2975 | 1.00 | 1.01 | |
| 100 m-Xylene & p-Xylene | 106 | 6.730 | 6.709 | 0.021 | 0 | 5112 | 1.00 | 0.9847 | |
| 101 o-Xylene | 106 | 7.296 | 7.282 | 0.014 | 93 | 5157 | 1.00 | 1.01 | |
| 102 Bromoform | 173 | 7.368 | 7.346 | 0.022 | 90 | 1503 | 1.00 | 0.8834 | |
| 103 Styrene | 104 | 7.404 | 7.375 | 0.029 | 92 | 7677 | 1.00 | 0.8797 | M |
| 104 n-Butyl acrylate | 73 | 7.755 | 7.712 | 0.043 | 50 | 1510 | 1.00 | 0.8583 | |
| 105 Isopropylbenzene | 105 | 7.776 | 7.762 | 0.014 | 96 | 13173 | 1.00 | 1.00 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.156 | 8.127 | 0.029 | 79 | 4133 | 1.00 | 1.02 | a |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 90 | 155756 | 50.0 | 49.8 | |
| 108 Bromobenzene | 156 | 8.235 | 8.227 | 0.008 | 92 | 3480 | 1.00 | 0.9832 | |
| 109 N-Propylbenzene | 91 | 8.399 | 8.392 | 0.007 | 98 | 15894 | 1.00 | 0.9826 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.557 | 8.543 | 0.014 | 57 | 3418 | 1.00 | 1.13 | |
| 111 2-Chlorotoluene | 91 | 8.564 | 8.550 | 0.014 | 96 | 10918 | 1.00 | 0.9600 | |
| 172 4-Ethyltoluene | 105 | 8.593 | 8.578 | 0.015 | 98 | 13487 | 1.00 | 0.9898 | |
| 113 1,2,3-Trichloropropane | 110 | 8.672 | 8.664 | 0.008 | 87 | 1069 | 1.00 | 1.24 | |
| 114 1,3,5-Trimethylbenzene | 105 | 8.743 | 8.736 | 0.007 | 93 | 11787 | 1.00 | 1.03 | |
| 116 4-Chlorotoluene | 91 | 8.836 | 8.815 | 0.021 | 98 | 9794 | 1.00 | 0.9525 | a |
| 117 tert-Butylbenzene | 119 | 9.194 | 9.187 | 0.007 | 95 | 10127 | 1.00 | 1.07 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.331 | 9.323 | 0.008 | 97 | 11952 | 1.00 | 1.01 | |
| 119 Butyl Methacrylate | 87 | 9.359 | 9.345 | 0.014 | 92 | 4172 | 1.00 | 1.01 | |
| 120 sec-Butylbenzene | 105 | 9.481 | 9.481 | 0.000 | 99 | 14281 | 1.00 | 1.04 | |
| 121 1,3-Dichlorobenzene | 146 | 9.753 | 9.725 | 0.029 | 70 | 6316 | 1.00 | 0.9625 | |
| 122 4-Isopropyltoluene | 119 | 9.760 | 9.760 | 0.000 | 97 | 12375 | 1.00 | 1.03 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 96 | 214825 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.882 | 9.882 | 0.000 | 94 | 7138 | 1.00 | 1.03 | |
| 125 1,2,3-Trimethylbenzene | 105 | 9.997 | 9.990 | 0.007 | 97 | 12235 | 1.00 | 0.9867 | |
| 165 2,3-Dihydroindene | 117 | 10.169 | 10.161 | 0.008 | 0 | 12891 | 1.00 | 1.05 | |
| 127 Benzyl chloride | 126 | 10.376 | 10.333 | 0.043 | 86 | 1390 | 1.00 | 1.00 | |
| 167 p-Diethylbenzene | 119 | 10.369 | 10.369 | 0.000 | 87 | 5975 | 1.00 | 0.9852 | |
| 129 n-Butylbenzene | 91 | 10.455 | 10.448 | 0.007 | 99 | 12038 | 1.00 | 1.08 | |
| 130 1,2-Dichlorobenzene | 146 | 10.563 | 10.541 | 0.022 | 95 | 5573 | 1.00 | 0.9133 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.651 | 11.644 | 0.007 | 96 | 11569 | 1.00 | 1.01 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.802 | 11.787 | 0.015 | 86 | 525 | 1.00 | 0.9379 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.859 | 11.845 | 0.014 | 96 | 3951 | 1.00 | 0.8780 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.604 | 12.583 | 0.021 | 92 | 3896 | 1.00 | 1.02 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 91 | 1505 | 1.00 | 1.01 | |
| 136 Naphthalene | 128 | 12.919 | 12.891 | 0.028 | 99 | 7875 | 1.00 | 1.04 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.084 | 13.077 | 0.007 | 94 | 2864 | 1.00 | 1.06 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 1.92 | |
| S 140 Xylenes, Total | 100 | | | | 0 | | 2.00 | 1.99 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00130 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 10.00 | Units: uL | |
| GASES Li_00438 | Amount Added: | 10.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 10.00 | Units: uL | |
| 14DIOXINTER_00133 | Amount Added: | 30.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 14-Sep-2021 09:09:32 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D

Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13 Operator ID:

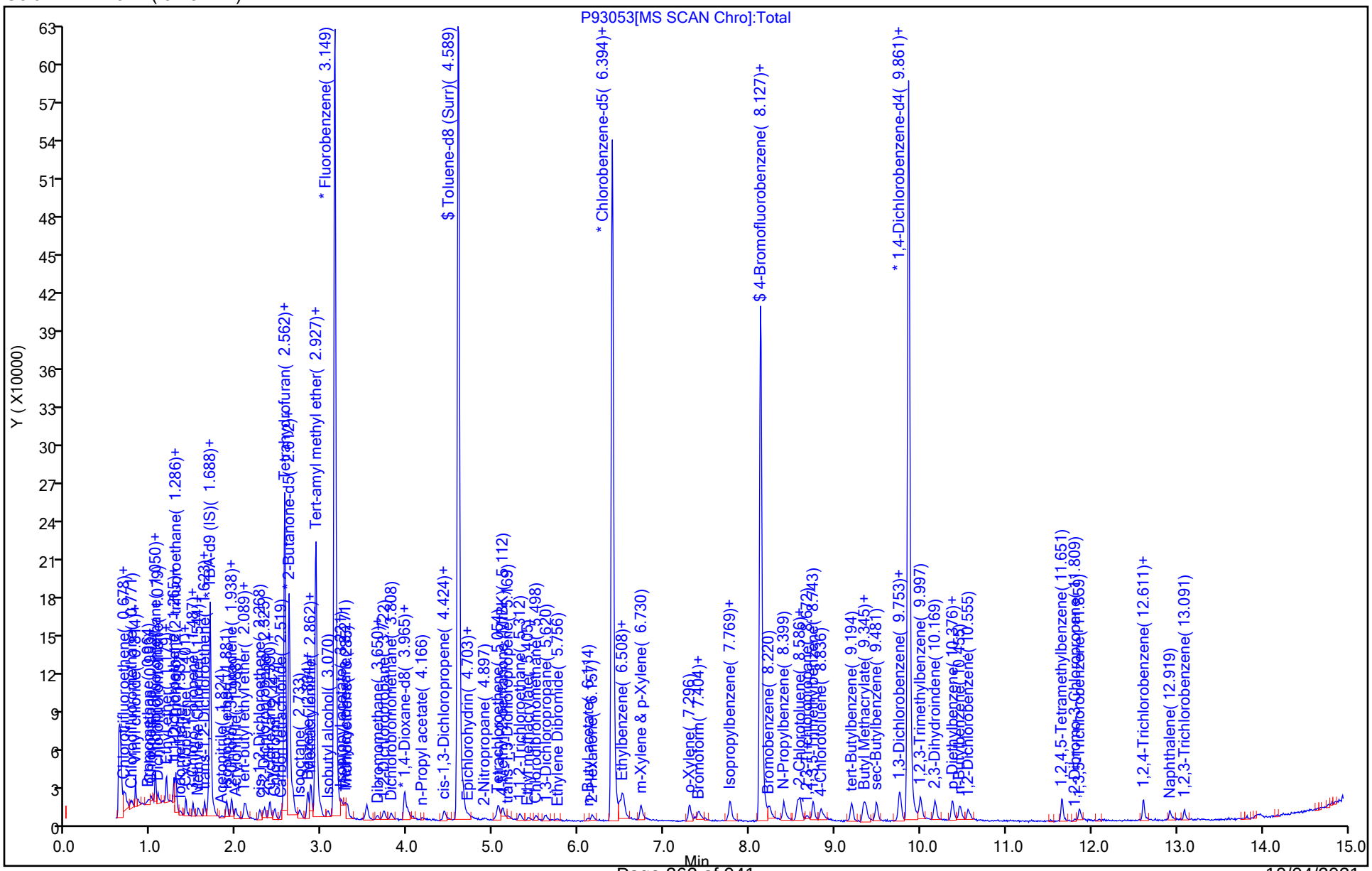
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

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

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

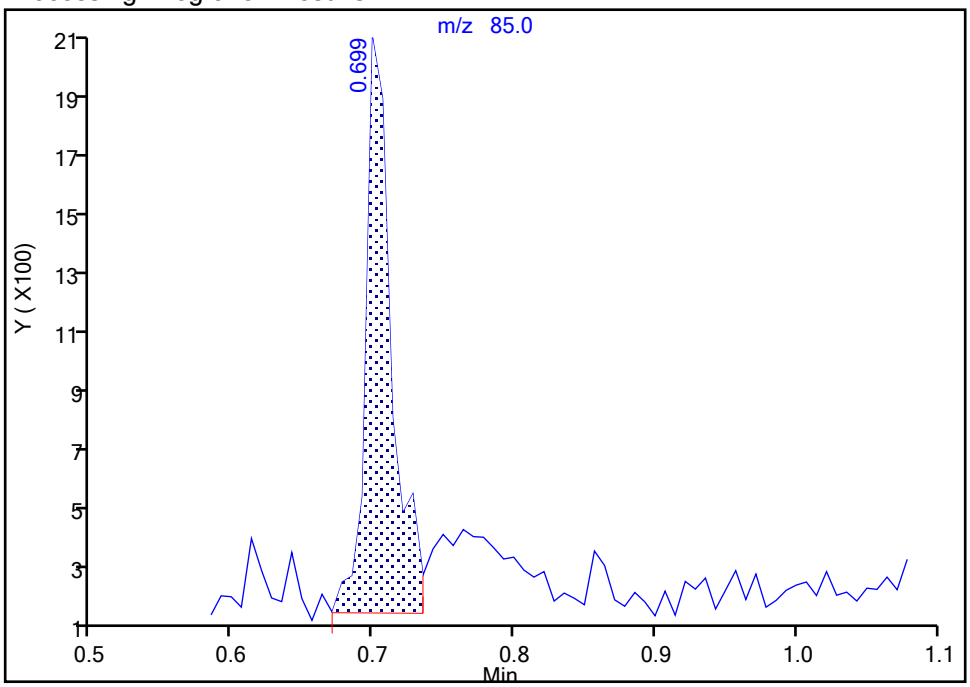
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

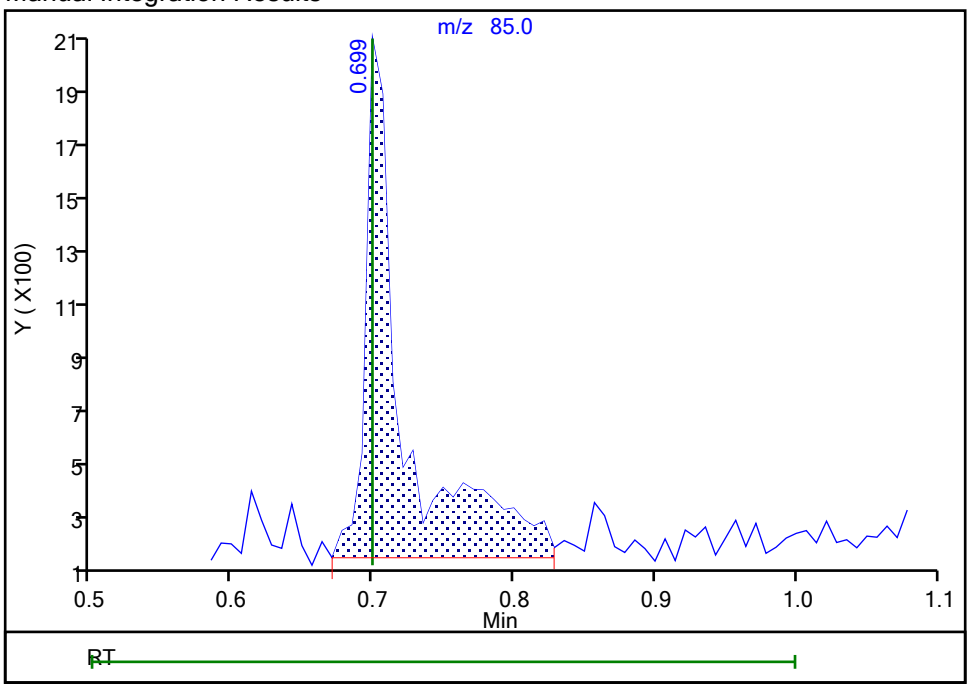
Processing Integration Results

RT: 0.70
Area: 2419
Amount: 0.648558
Amount Units: ug/l




Manual Integration Results

RT: 0.70
Area: 3445
Amount: 0.864684
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:32:21
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

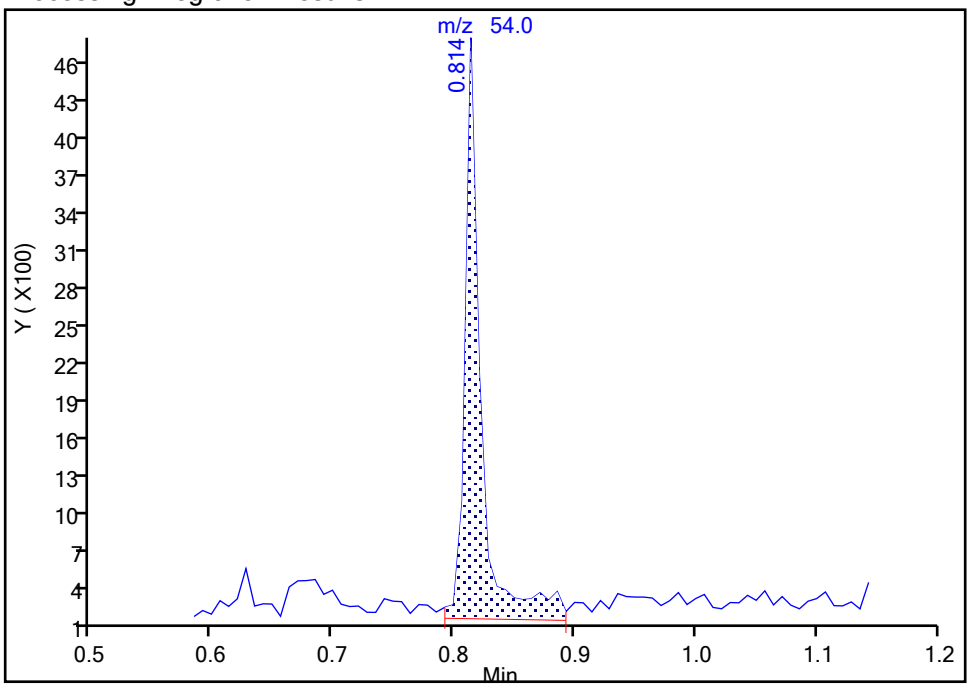
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 175 Butadiene, CAS: 106-99-0

Signal: 1

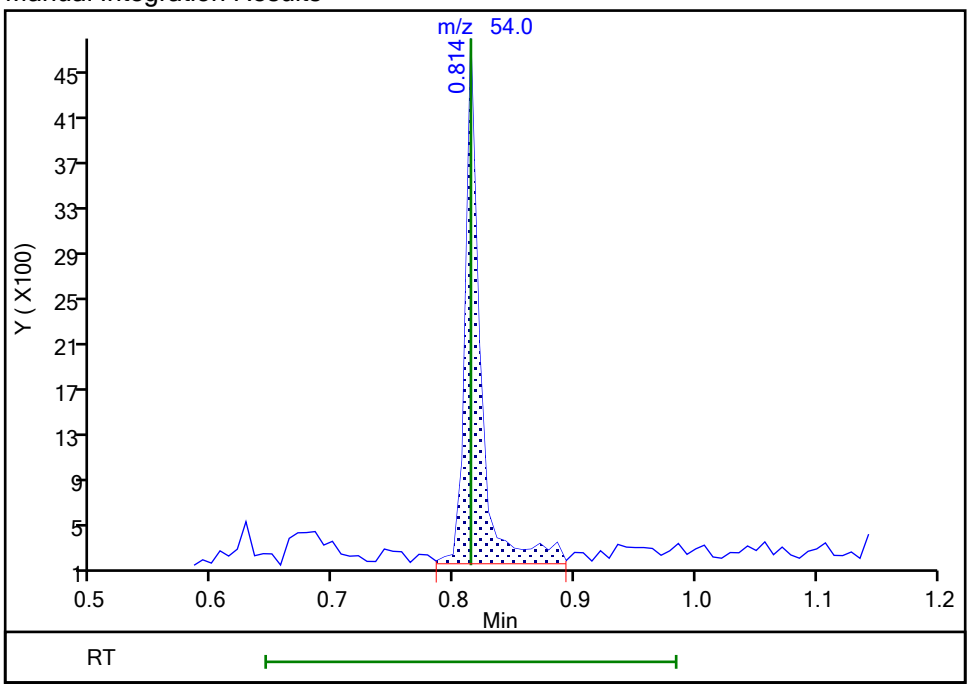
Processing Integration Results

RT: 0.81
Area: 4265
Amount: 1.120644
Amount Units: ug/l




Manual Integration Results

RT: 0.81
Area: 4045
Amount: 1.071688
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:05:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

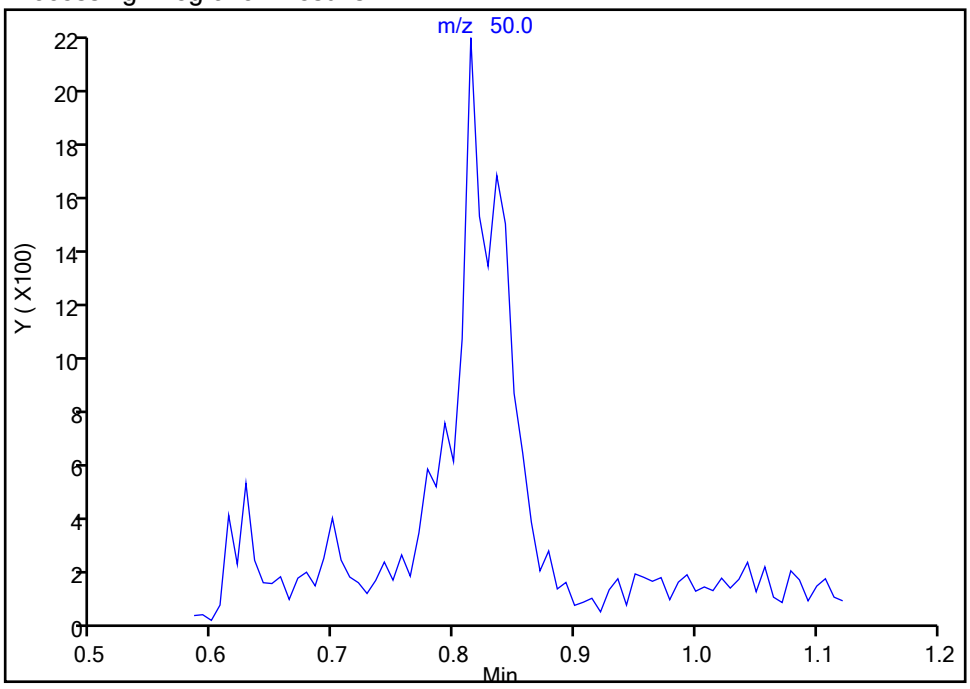
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

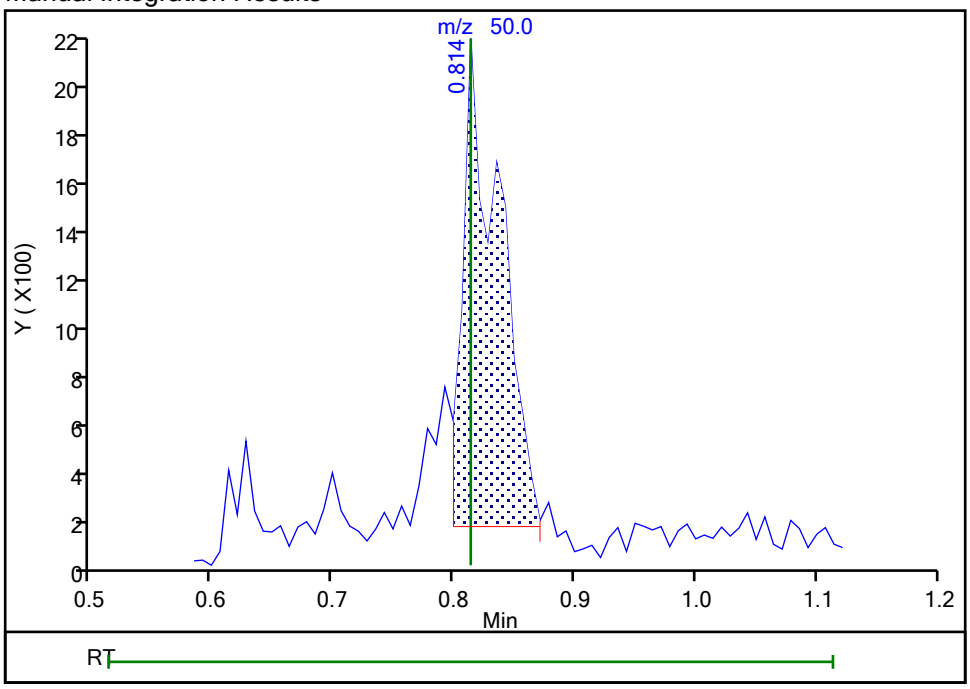
Not Detected
Expected RT: 0.81

Processing Integration Results




Manual Integration Results

RT: 0.81
Area: 4089
Amount: 0.929772
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:05:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

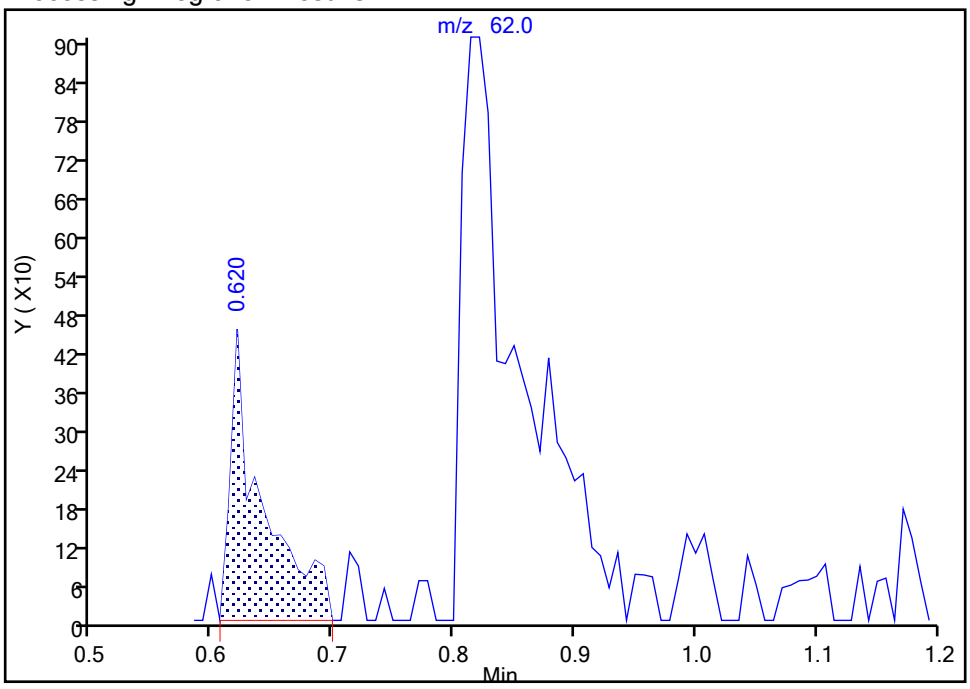
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

Signal: 1

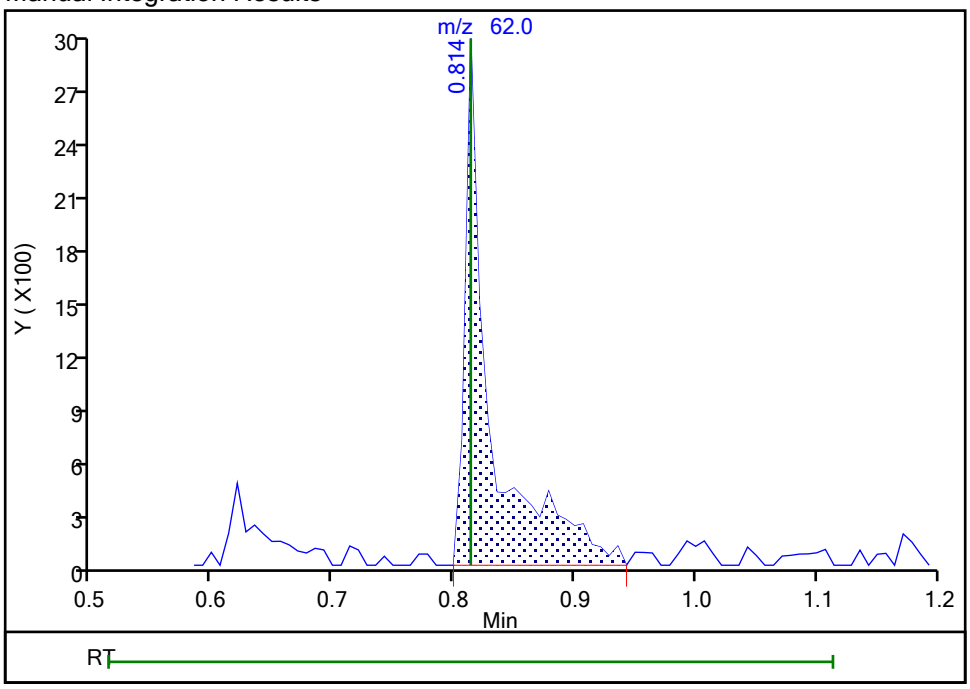
Processing Integration Results

RT: 0.62
Area: 825
Amount: 0.208457
Amount Units: ug/l




Manual Integration Results

RT: 0.81
Area: 4230
Amount: 1.057447
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:04:45
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

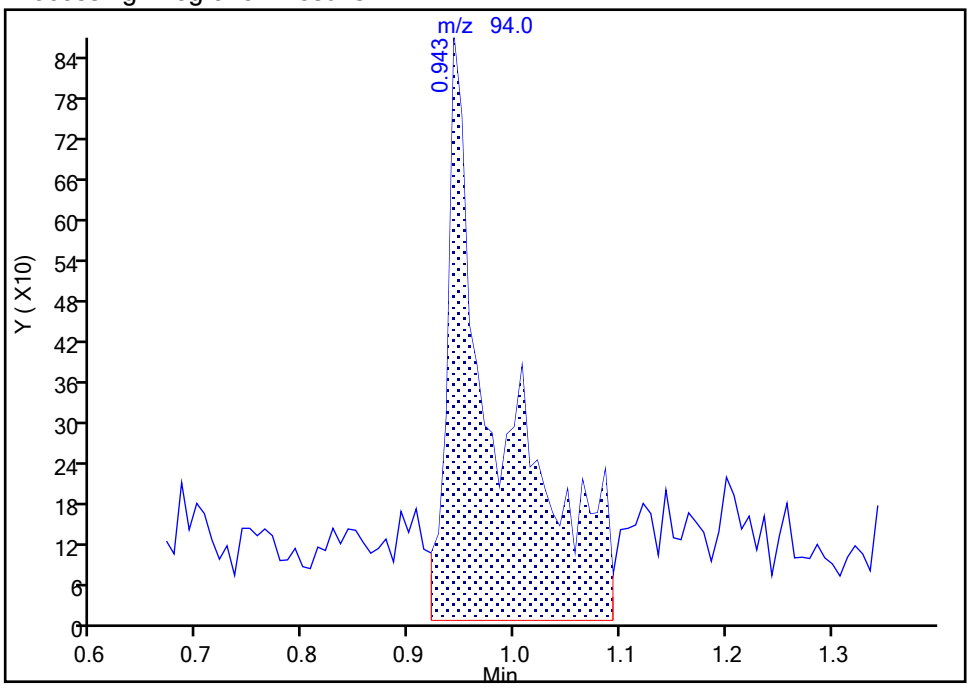
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 9 Bromomethane, CAS: 74-83-9

Signal: 1

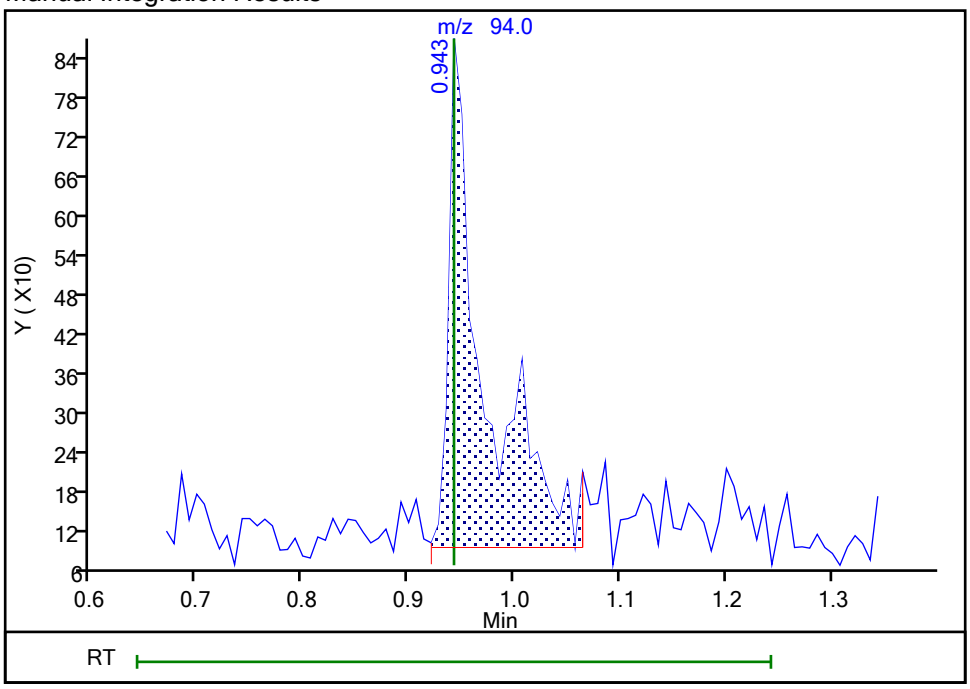
Processing Integration Results

RT: 0.94
Area: 2896
Amount: 1.302317
Amount Units: ug/l




Manual Integration Results

RT: 0.94
Area: 1796
Amount: 0.880222
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:05:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

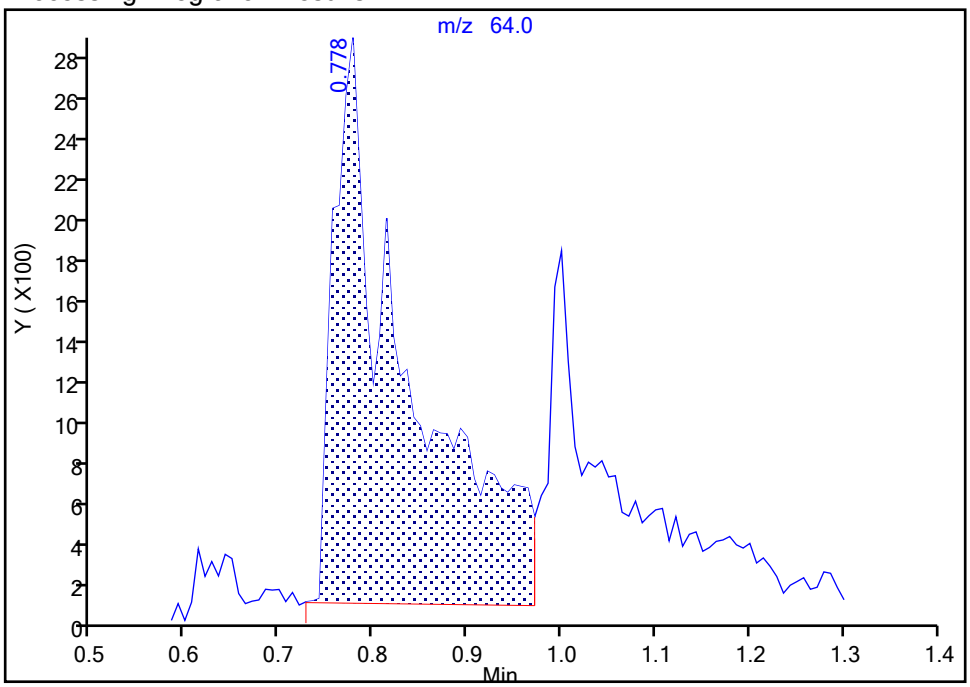
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Signal: 1

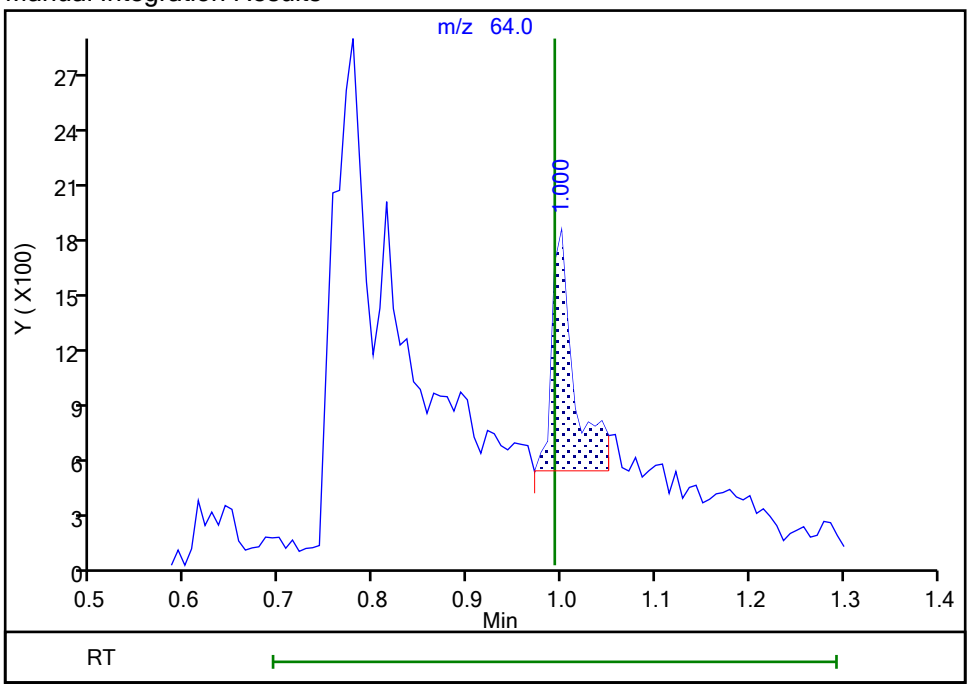
Processing Integration Results

RT: 0.78
Area: 15102
Amount: 5.662042
Amount Units: ug/l




Manual Integration Results

RT: 1.00
Area: 2143
Amount: 1.138981
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:06:23
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

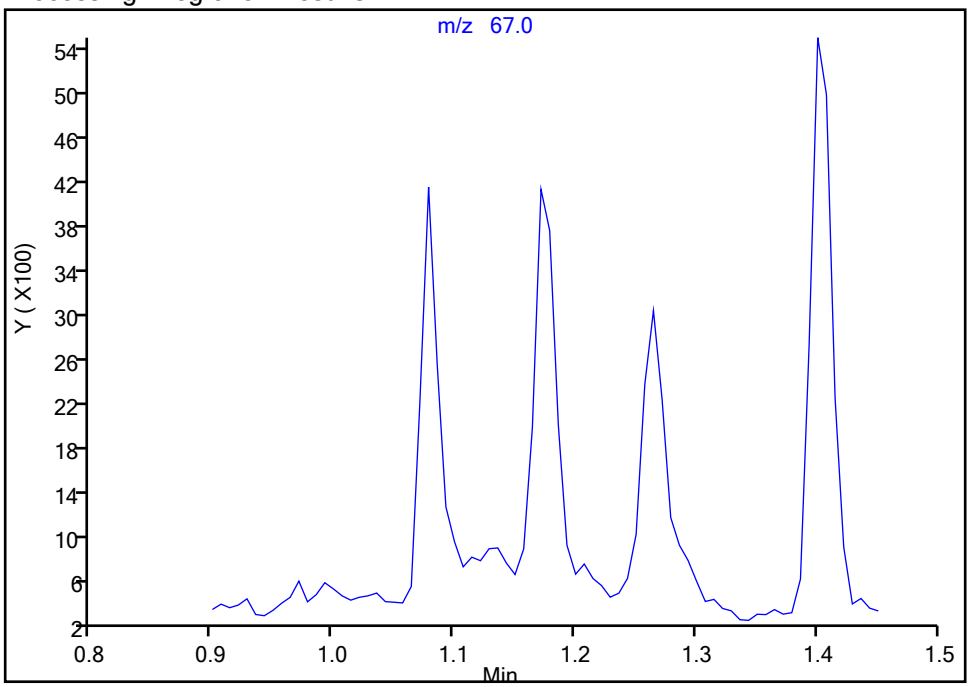
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

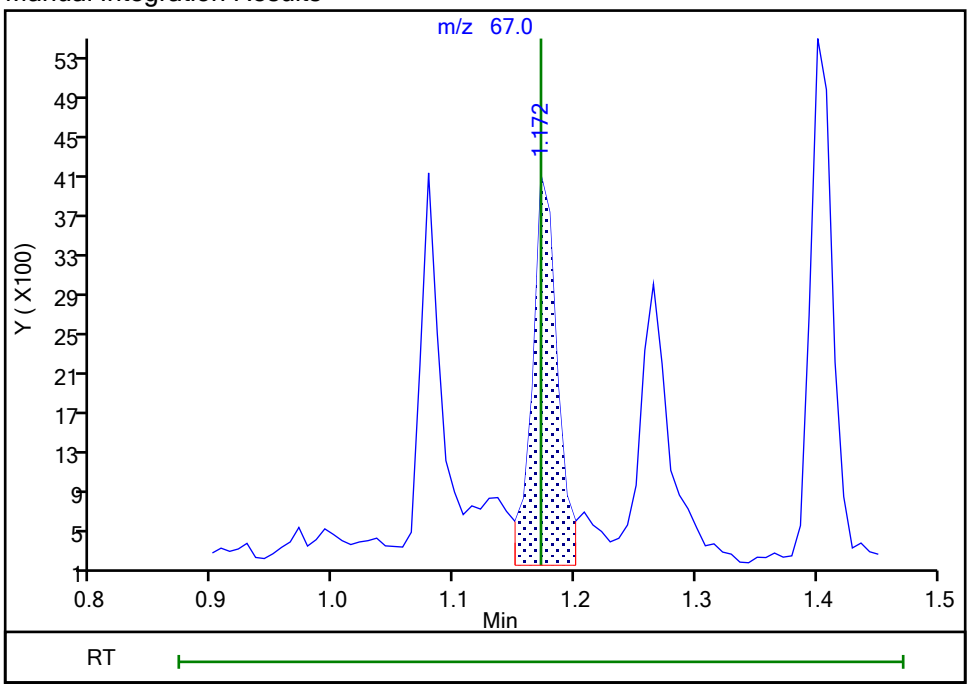
Not Detected
Expected RT: 1.17

Processing Integration Results




Manual Integration Results

RT: 1.17
Area: 5689
Amount: 1.036267
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:06:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

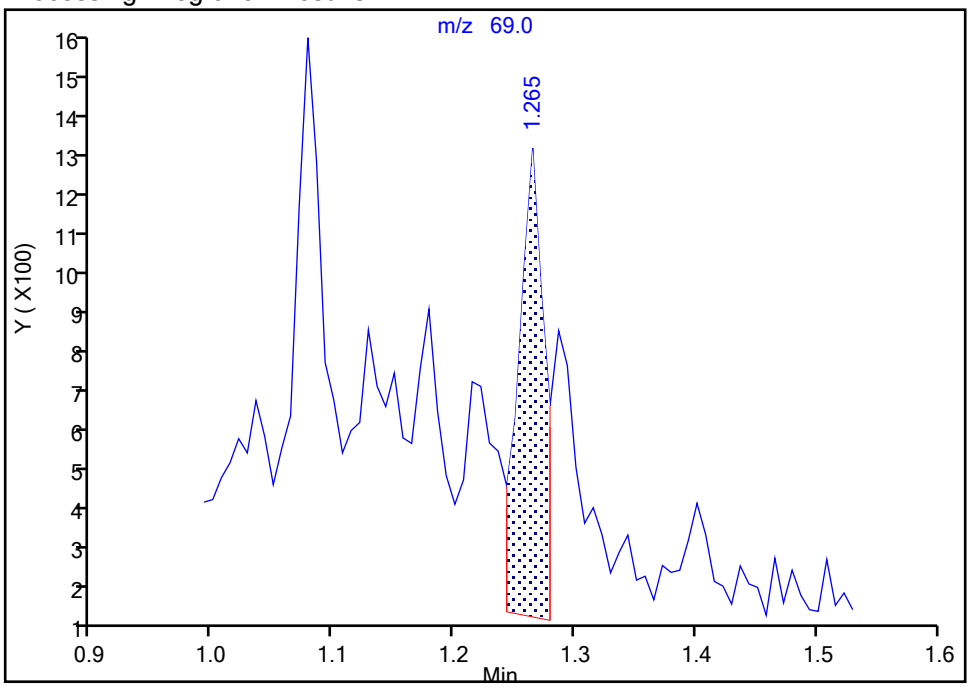
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 170 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

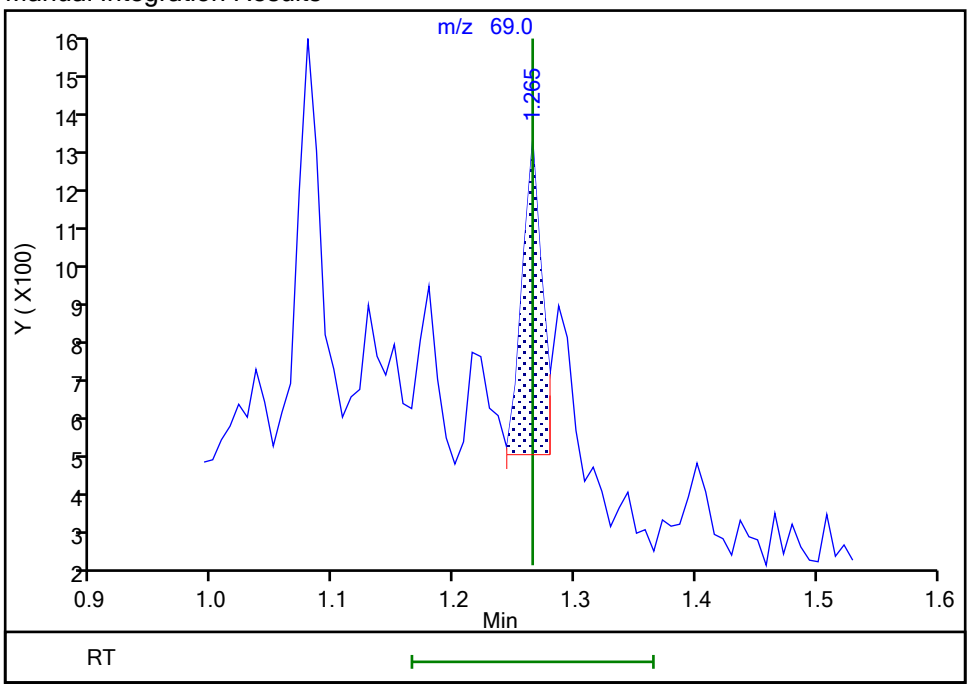
Processing Integration Results

RT: 1.26
Area: 1683
Amount: 1.315303
Amount Units: ug/l




Manual Integration Results

RT: 1.26
Area: 948
Amount: 0.819323
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:07:06
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

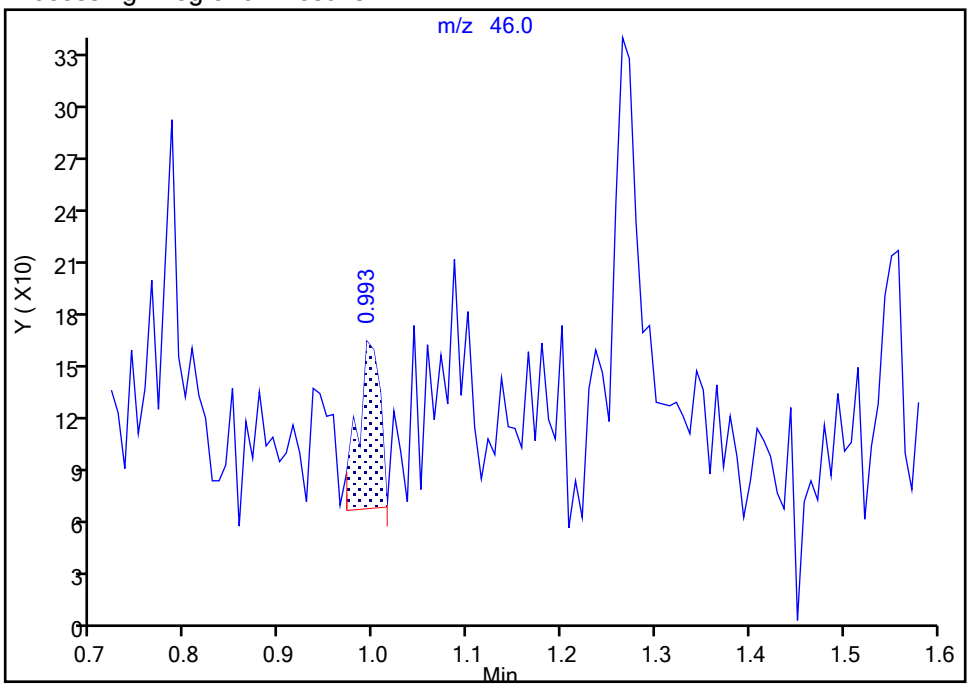
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 Ethanol, CAS: 64-17-5

Signal: 1

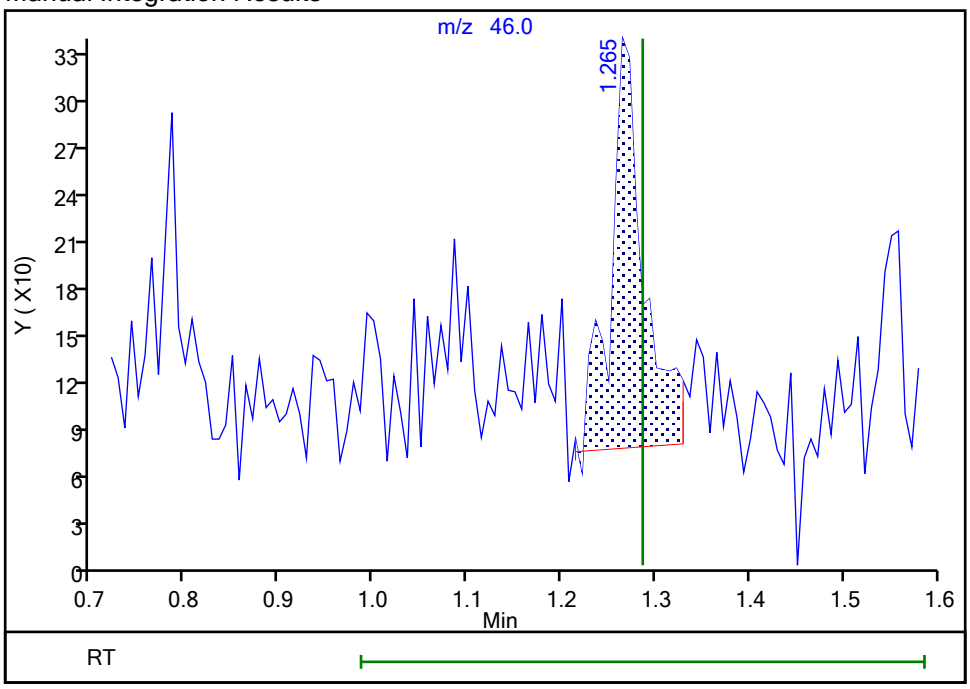
Processing Integration Results

RT: 0.99
Area: 156
Amount: 44.100301
Amount Units: ug/l




Manual Integration Results

RT: 1.26
Area: 639
Amount: 42.036996
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:07:12
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

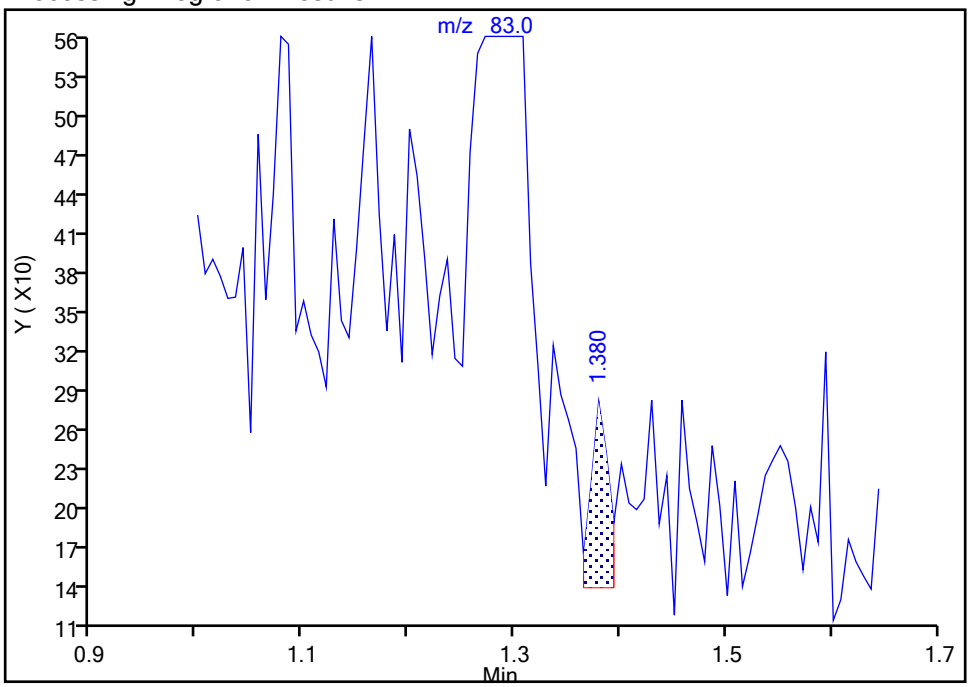
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 174 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

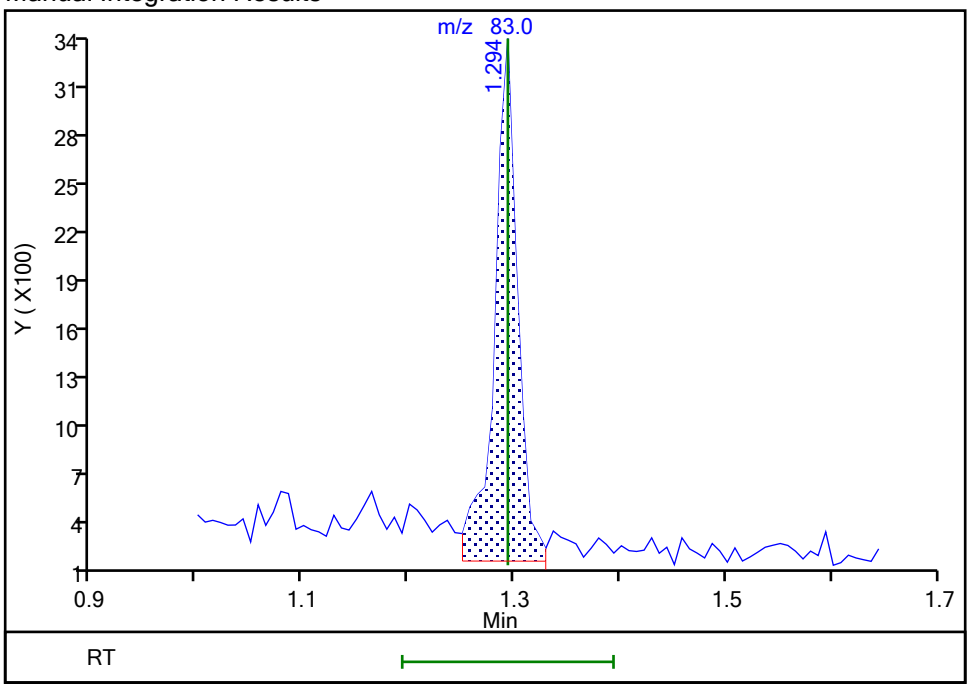
Processing Integration Results

RT: 1.38
Area: 173
Amount: 4.660597
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 4915
Amount: 1.098163
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:07:19
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

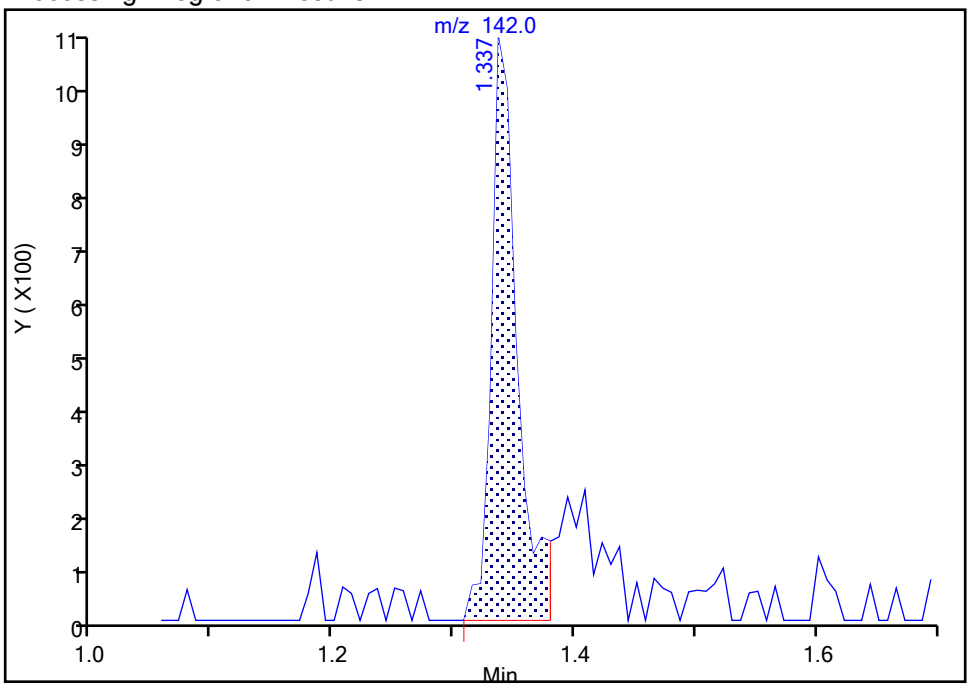
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 22 Iodomethane, CAS: 74-88-4

Signal: 1

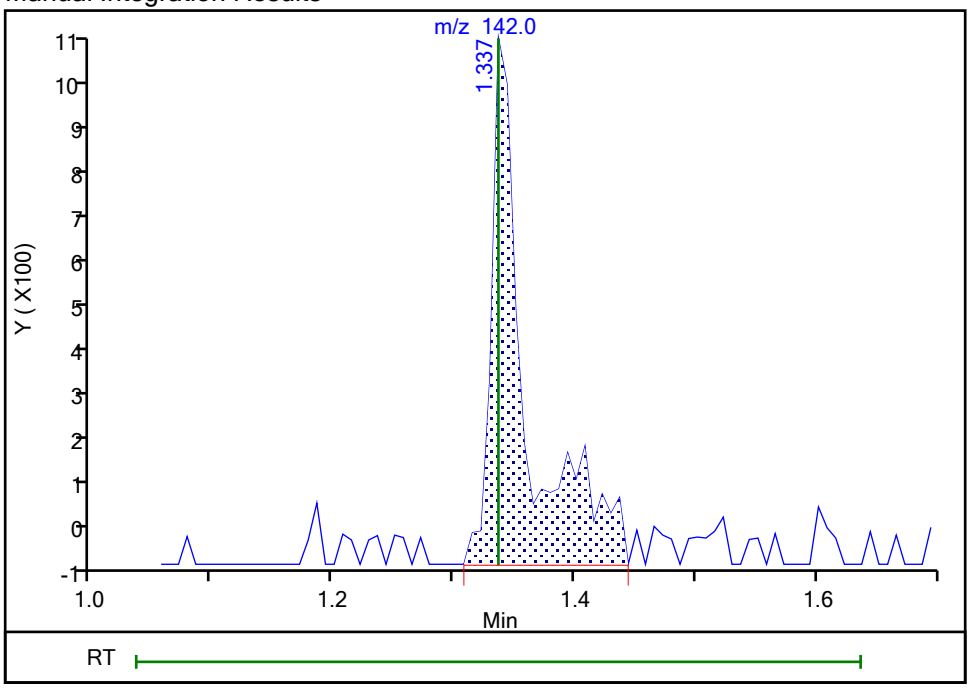
Processing Integration Results

RT: 1.34
Area: 1621
Amount: 0.538556
Amount Units: ug/l




Manual Integration Results

RT: 1.34
Area: 2184
Amount: 1.023006
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:07:35
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

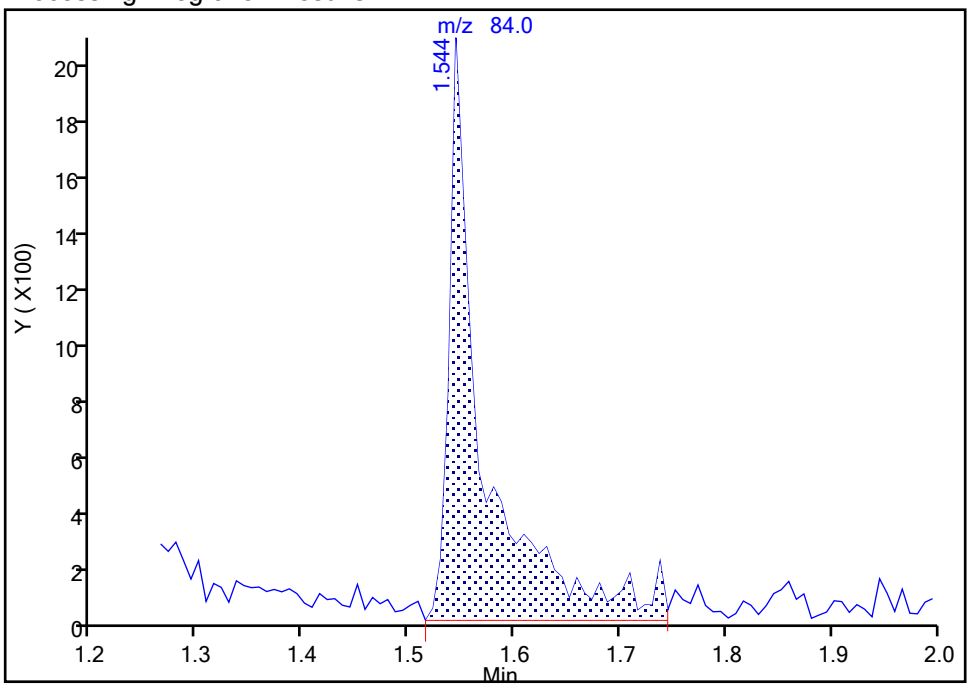
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 27 Methylene Chloride, CAS: 75-09-2

Signal: 1

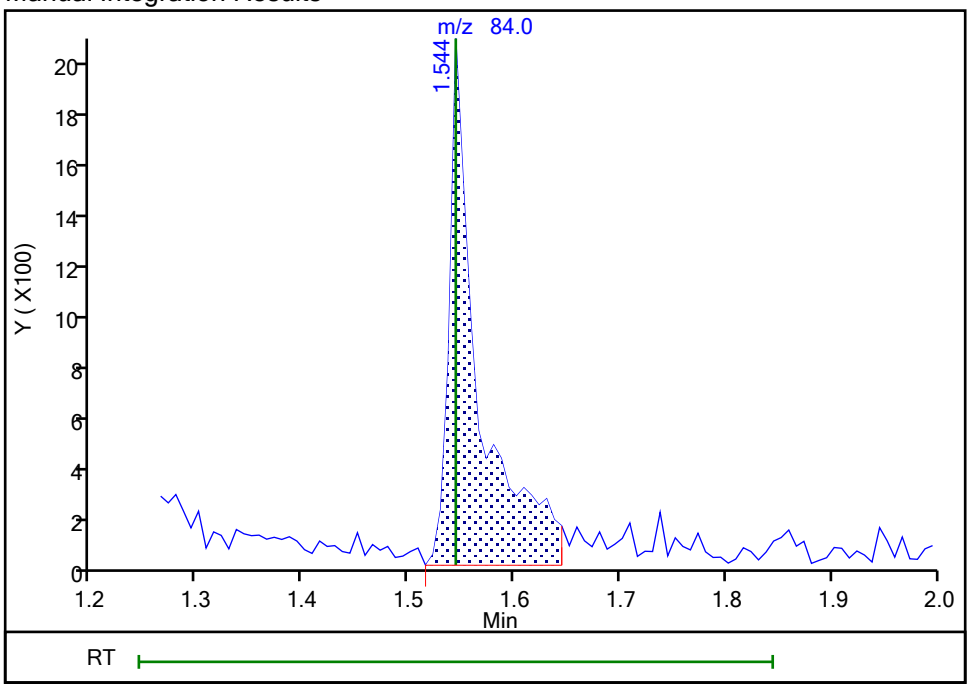
Processing Integration Results

RT: 1.54
Area: 4366
Amount: 1.225547
Amount Units: ug/l




Manual Integration Results

RT: 1.54
Area: 3824
Amount: 1.101333
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:07:55
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

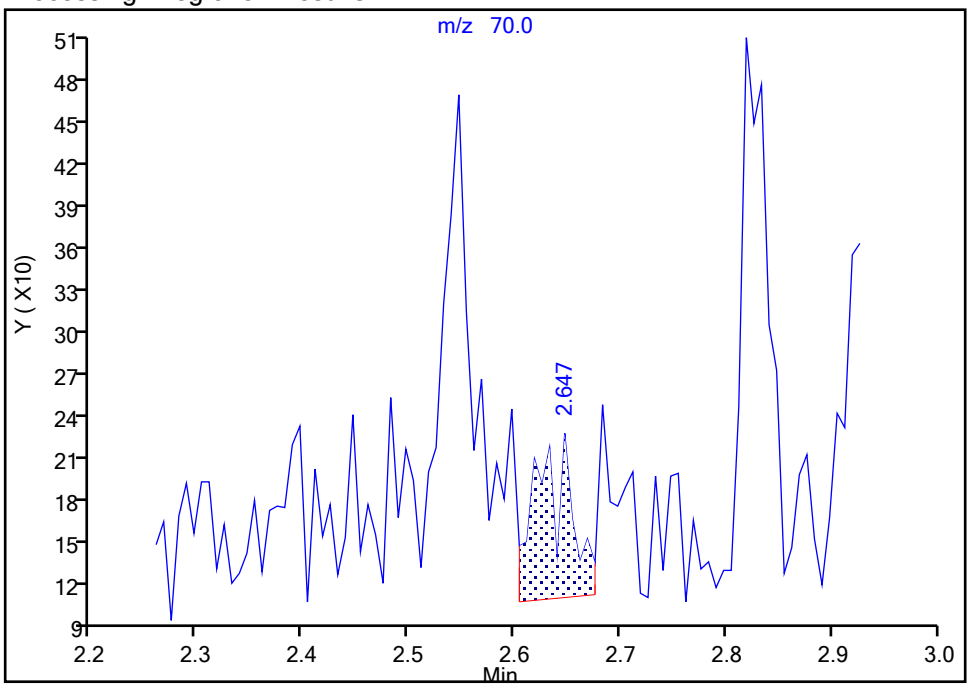
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 48 Ethyl acetate, CAS: 141-78-6

Signal: 1

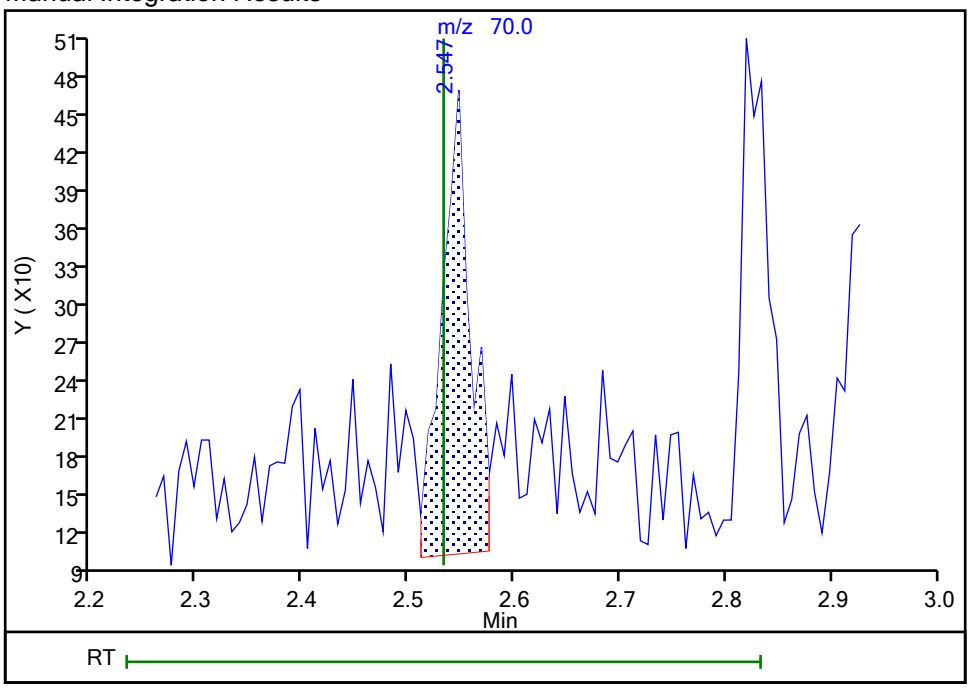
Processing Integration Results

RT: 2.65
Area: 277
Amount: 1.007895
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 699
Amount: 2.447750
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:08:35
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

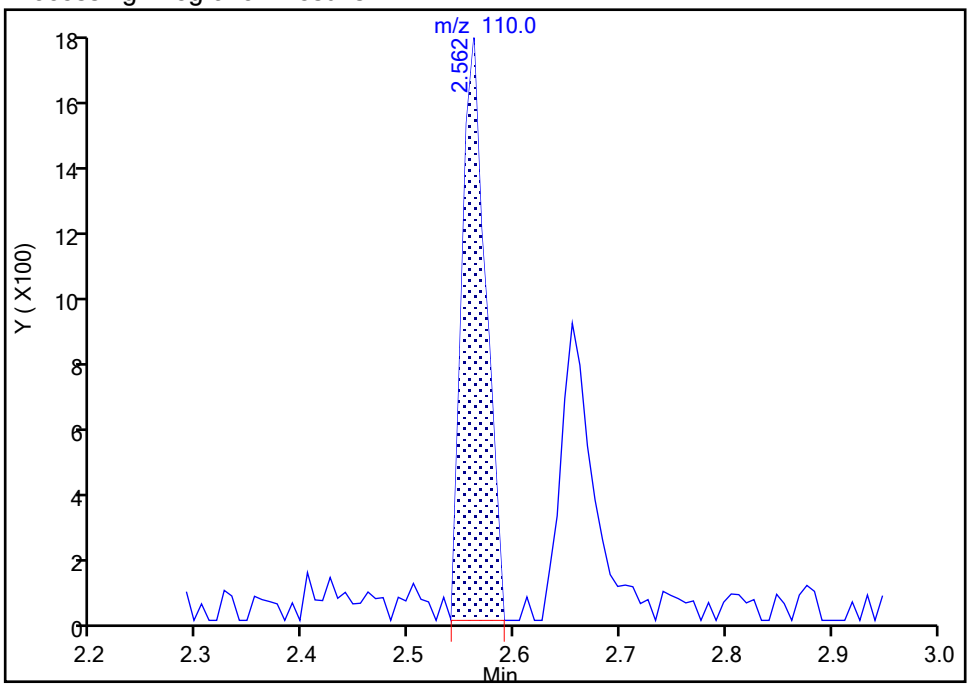
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 55 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

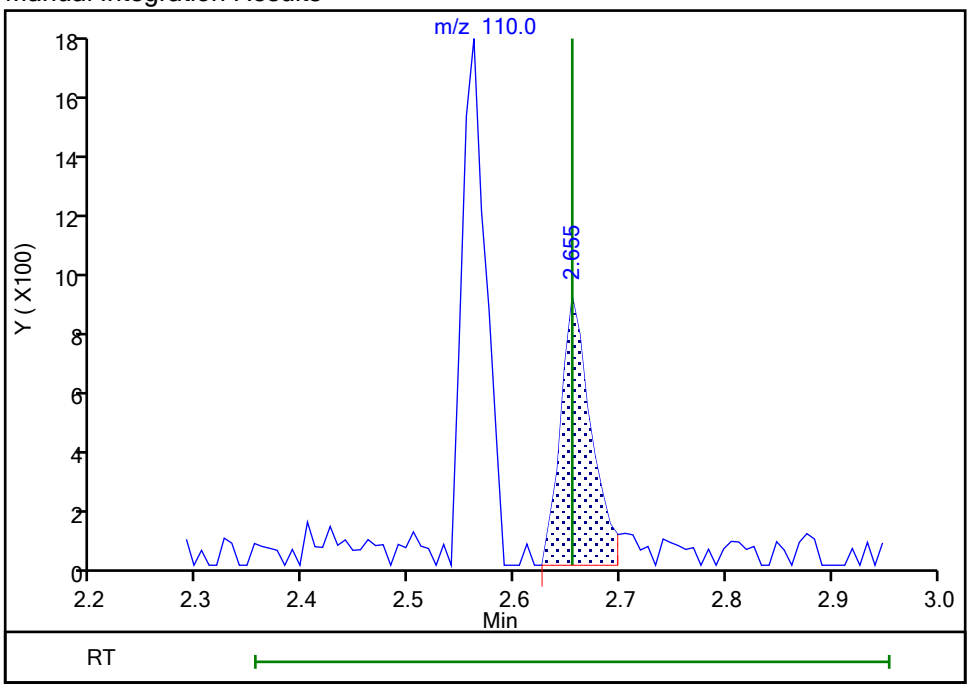
Processing Integration Results

RT: 2.56
Area: 2770
Amount: 1.806544
Amount Units: ug/l




Manual Integration Results

RT: 2.65
Area: 1804
Amount: 1.126278
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:09:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

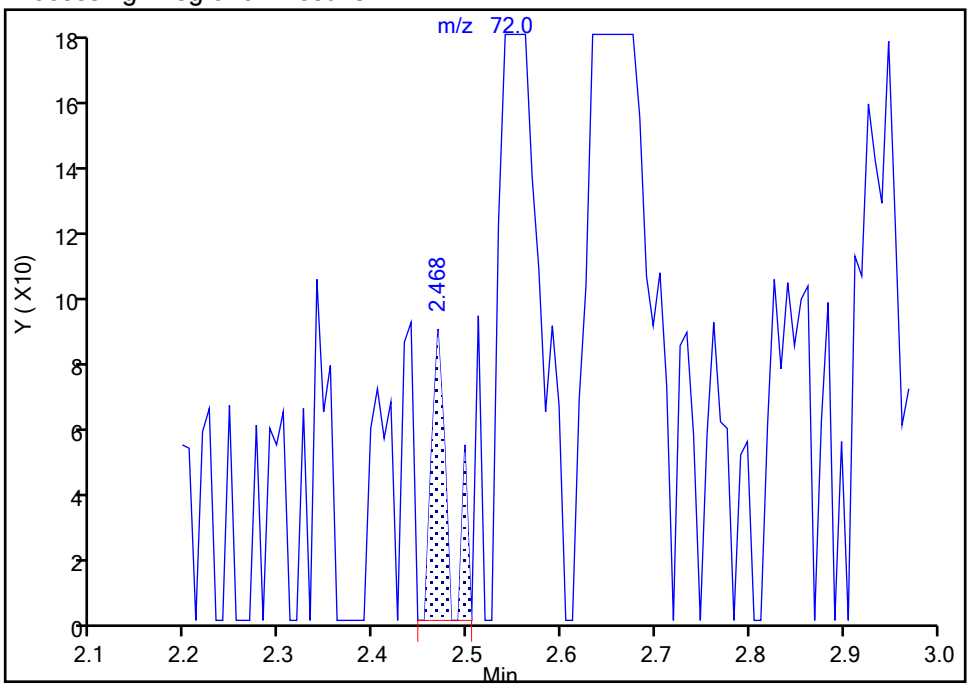
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 54 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

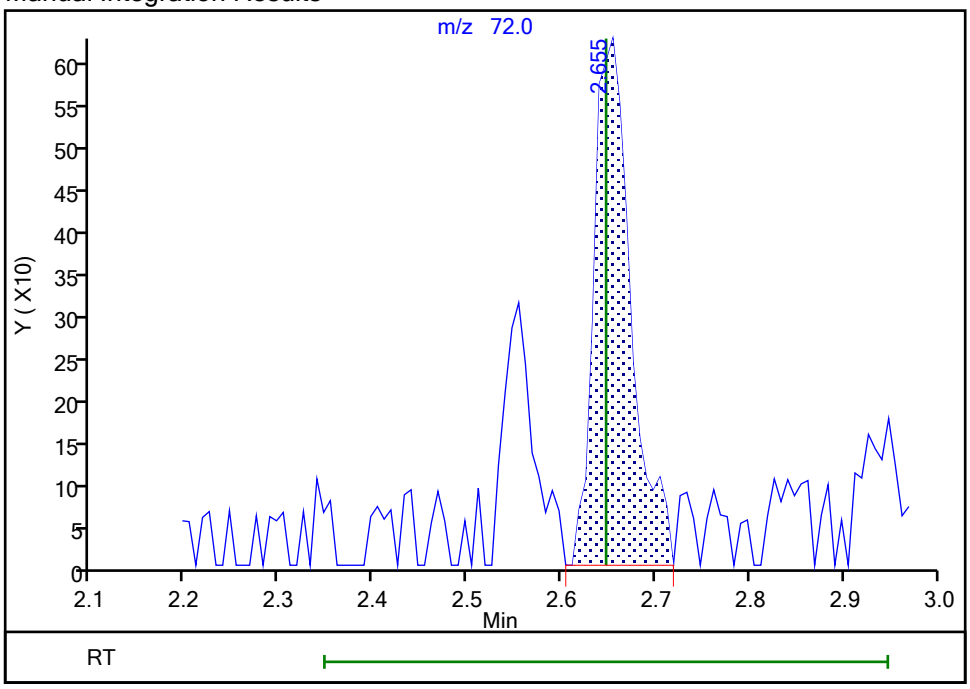
Processing Integration Results

RT: 2.47
Area: 105
Amount: 0.286866
Amount Units: ug/l




Manual Integration Results

RT: 2.65
Area: 1718
Amount: 5.884899
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:08:45
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

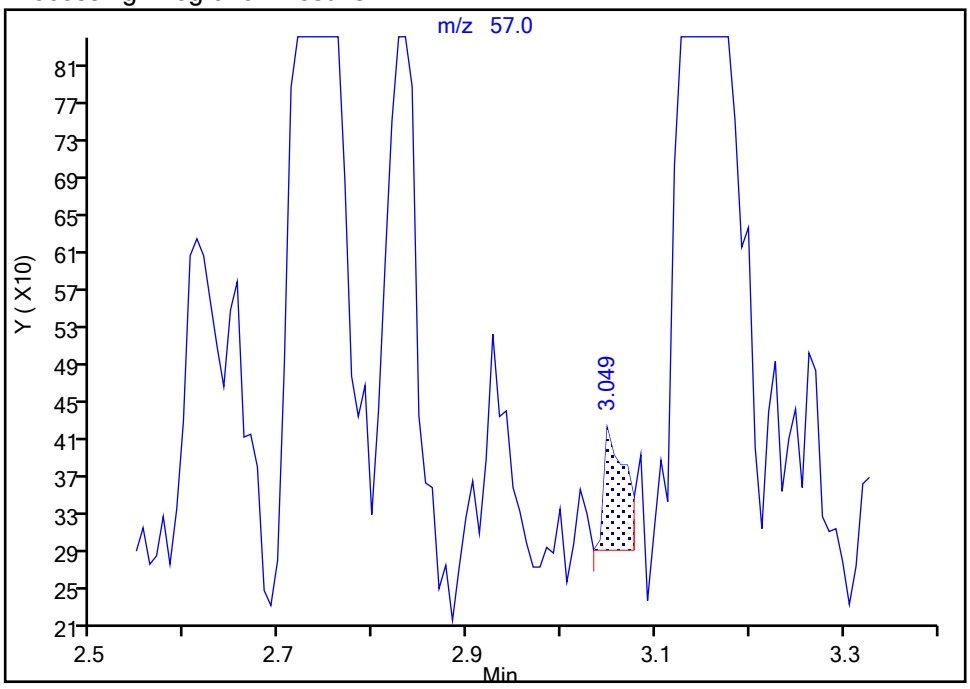
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 57 n-Heptane, CAS: 142-82-5

Signal: 1

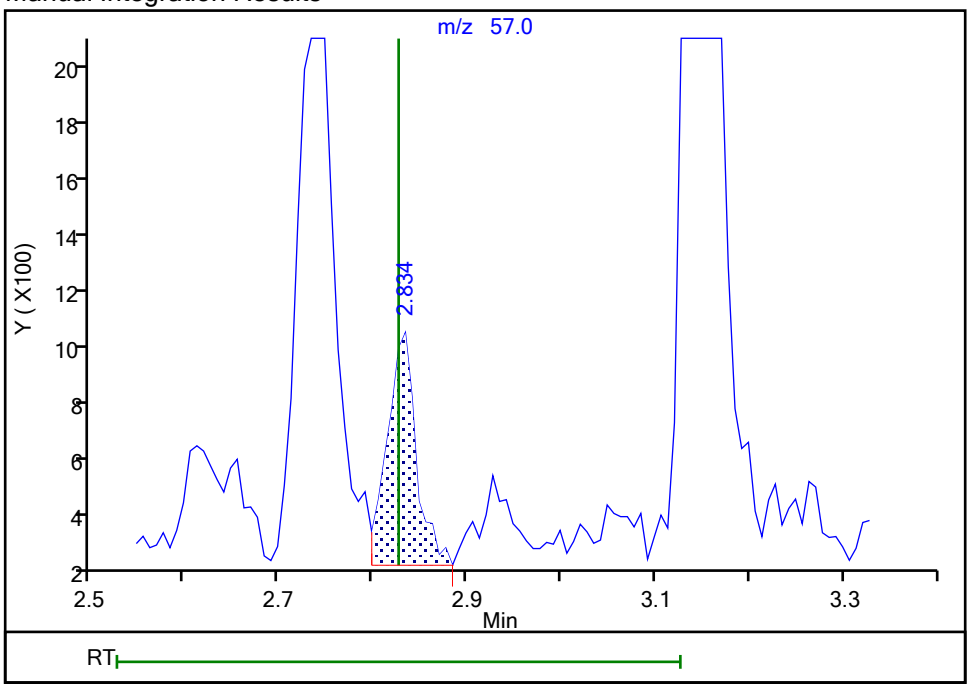
Processing Integration Results

RT: 3.05
Area: 207
Amount: 0.161554
Amount Units: ug/l




Manual Integration Results

RT: 2.83
Area: 1703
Amount: 0.968694
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:09:12
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

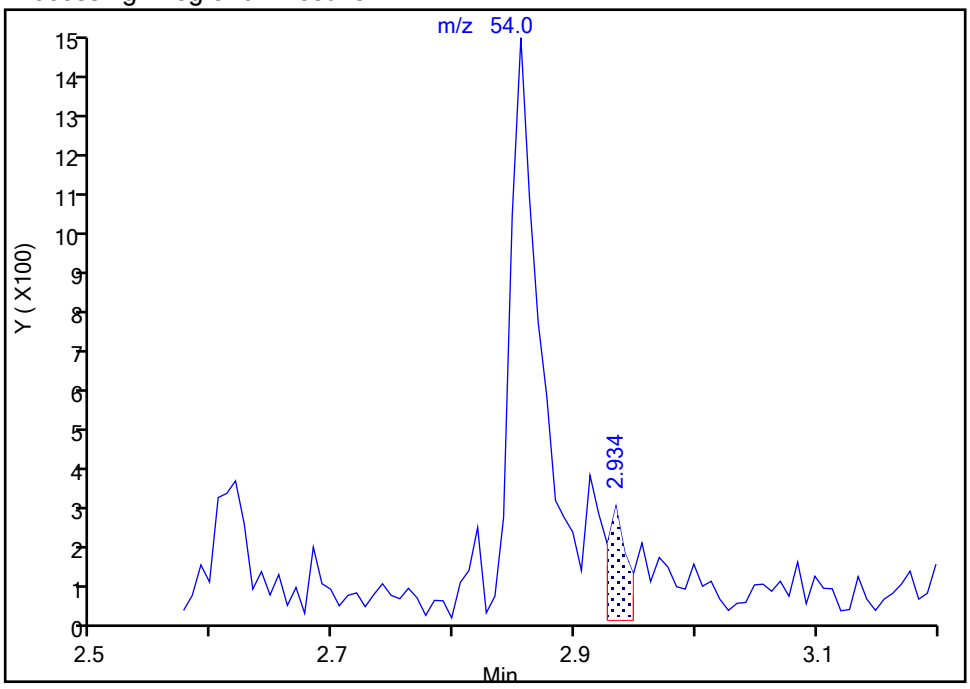
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 59 Propionitrile, CAS: 107-12-0

Signal: 1

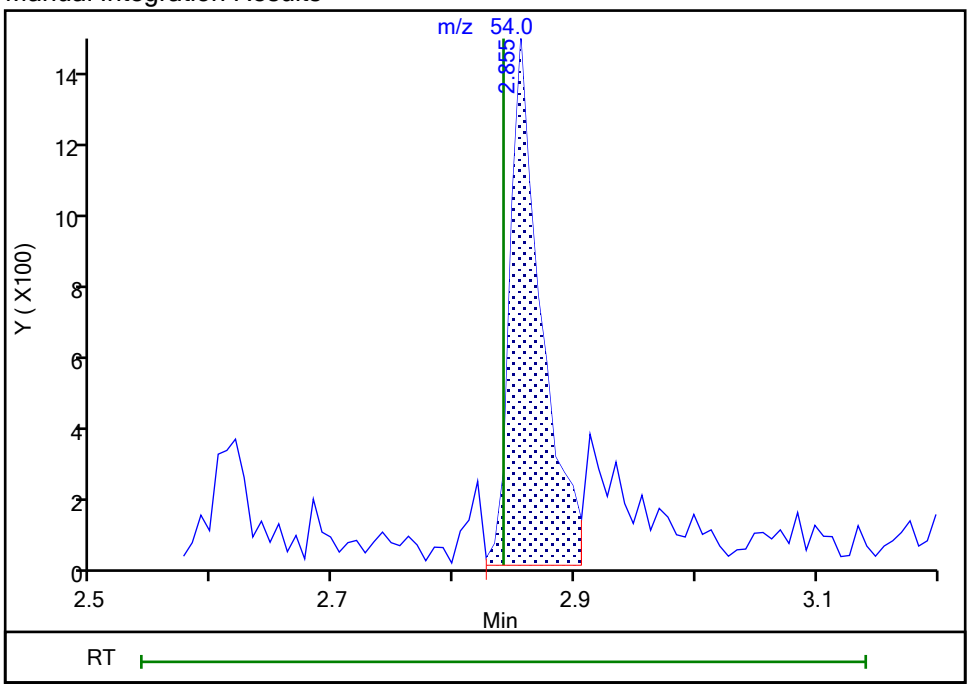
Processing Integration Results

RT: 2.93
Area: 315
Amount: 0.830968
Amount Units: ug/l




Manual Integration Results

RT: 2.86
Area: 2504
Amount: 8.093673
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:09:17
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

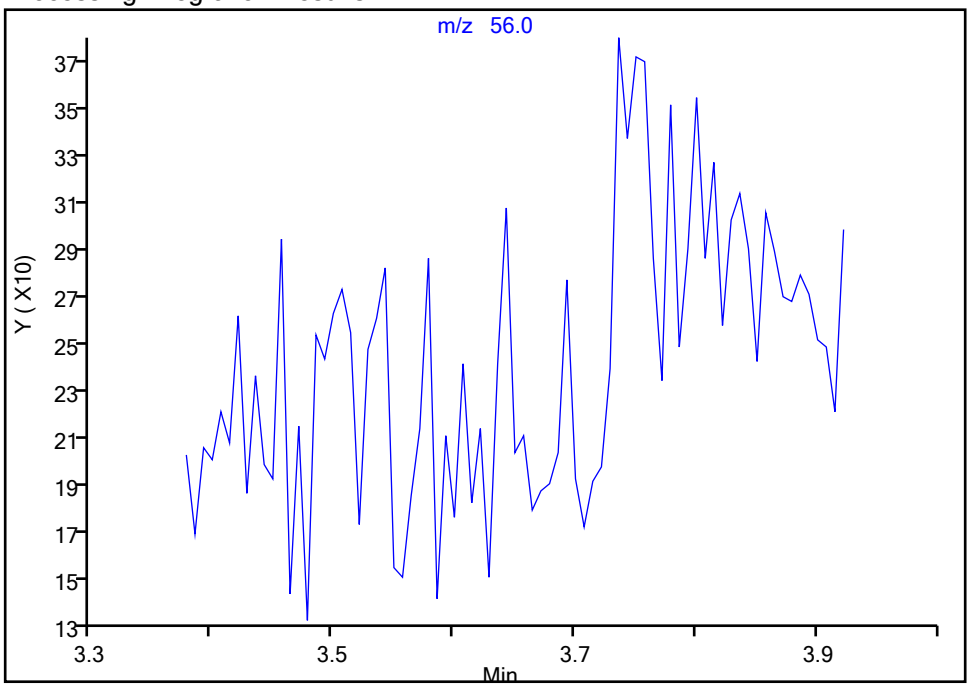
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 72 n-Butanol, CAS: 71-36-3

Signal: 1

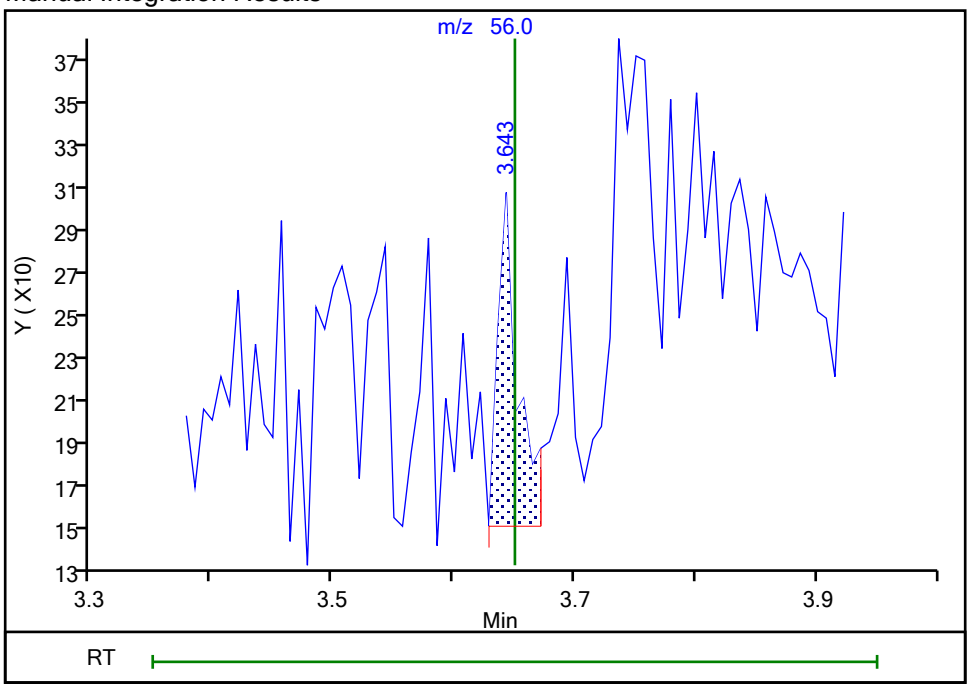
Not Detected
Expected RT: 3.65

Processing Integration Results




Manual Integration Results

RT: 3.64
Area: 180
Amount: 25.466407
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:09:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

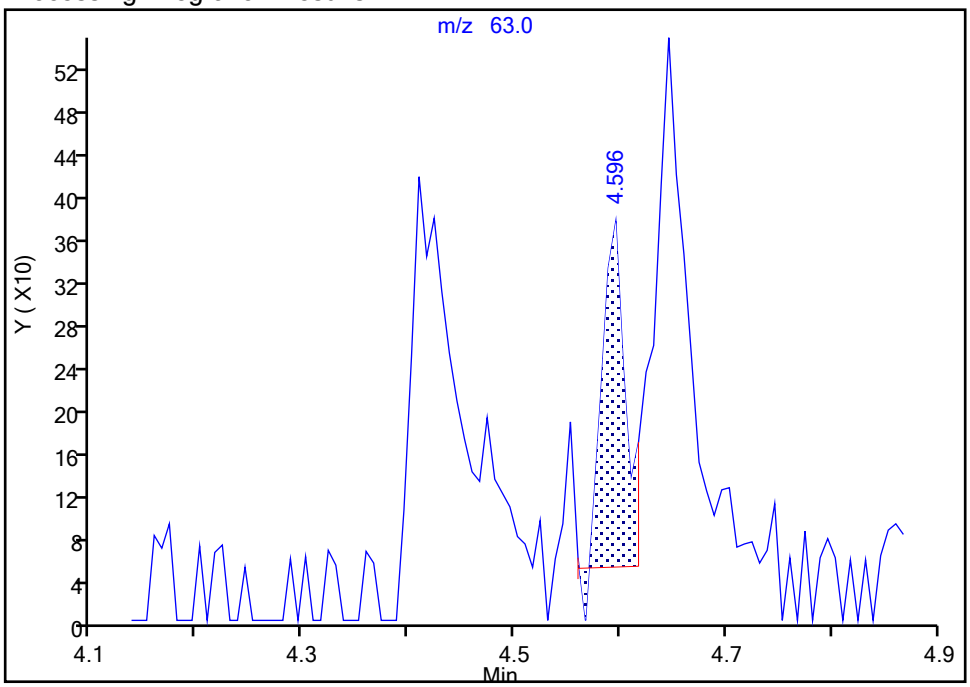
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 80 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

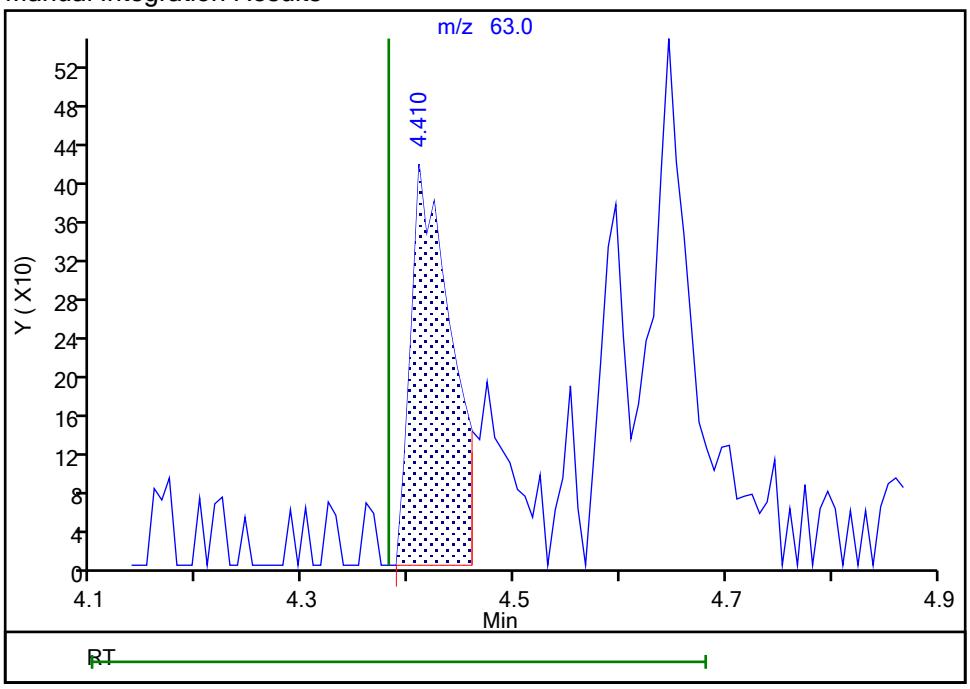
Processing Integration Results

RT: 4.60
Area: 503
Amount: 0.294828
Amount Units: ug/l




Manual Integration Results

RT: 4.41
Area: 1106
Amount: 0.722500
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:13:08
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

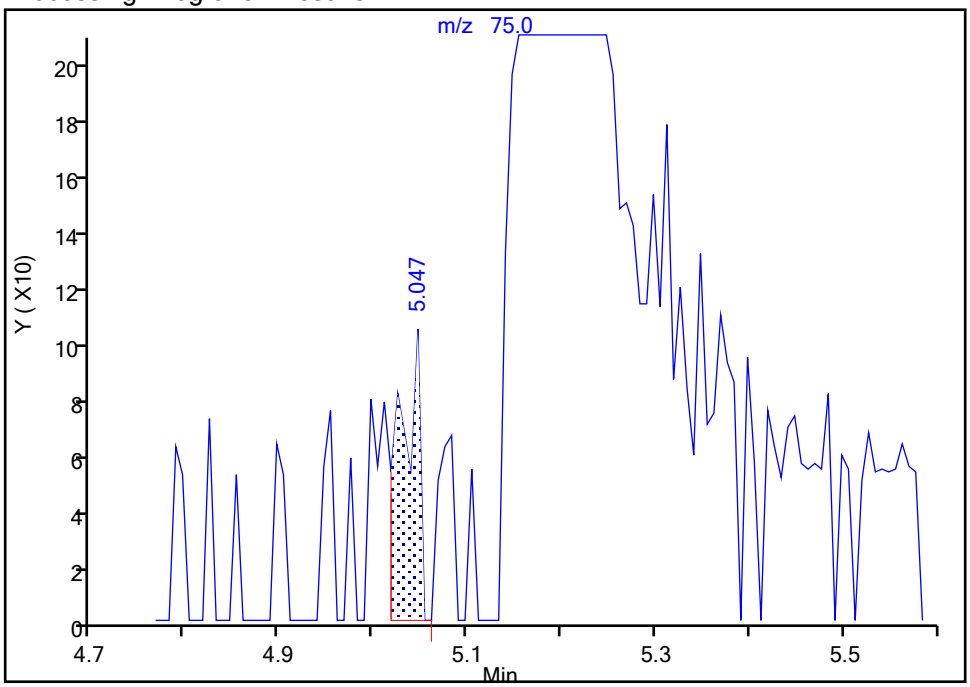
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 88 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

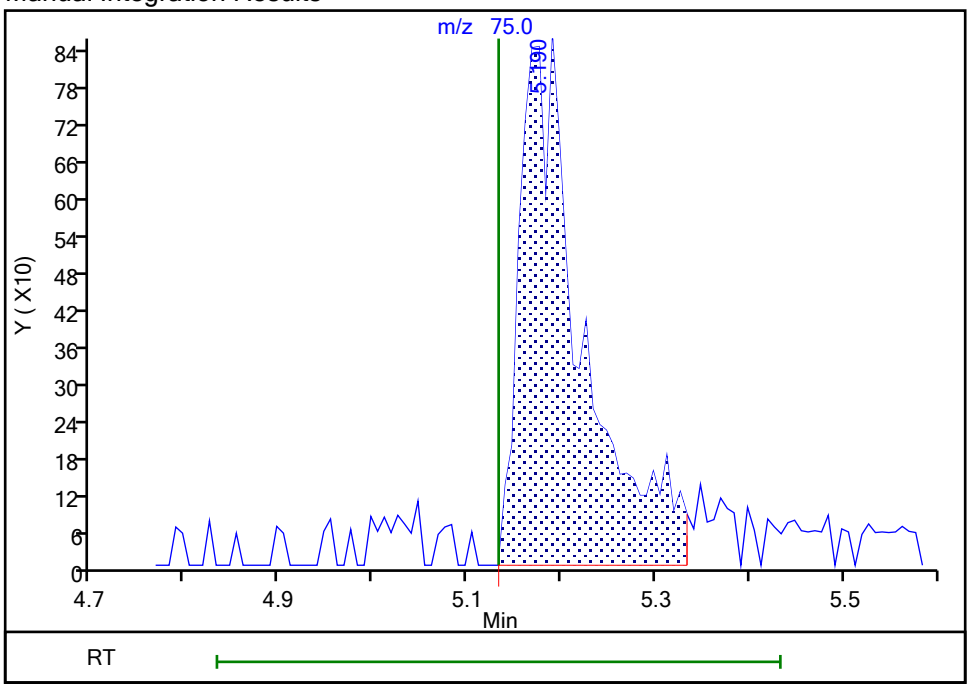
Processing Integration Results

RT: 5.05
Area: 153
Amount: 0.033443
Amount Units: ug/l




Manual Integration Results

RT: 5.19
Area: 3968
Amount: 0.951028
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:13:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

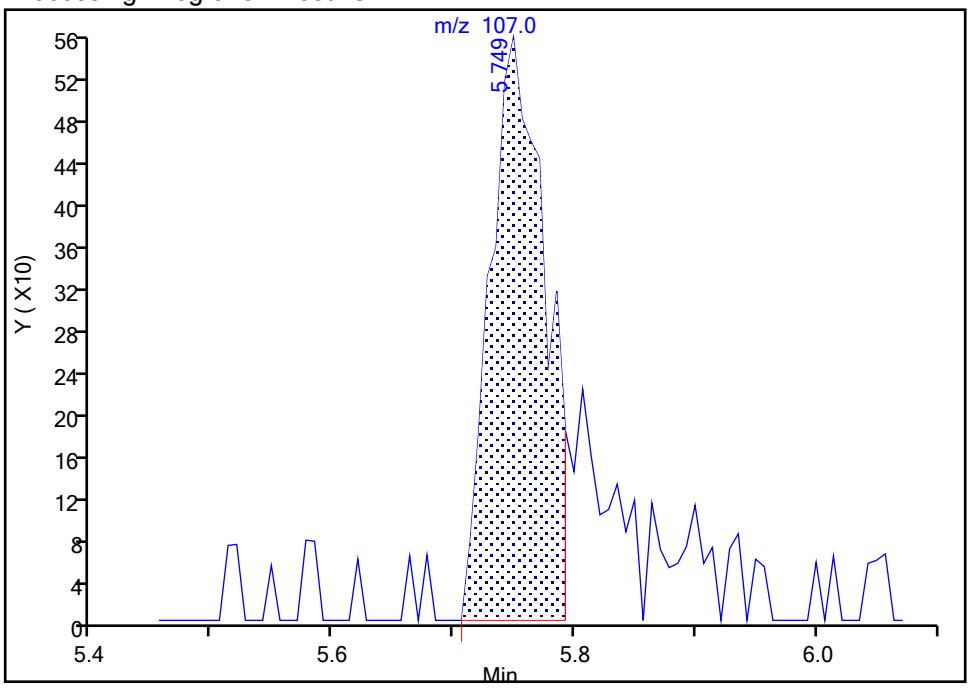
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 93 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

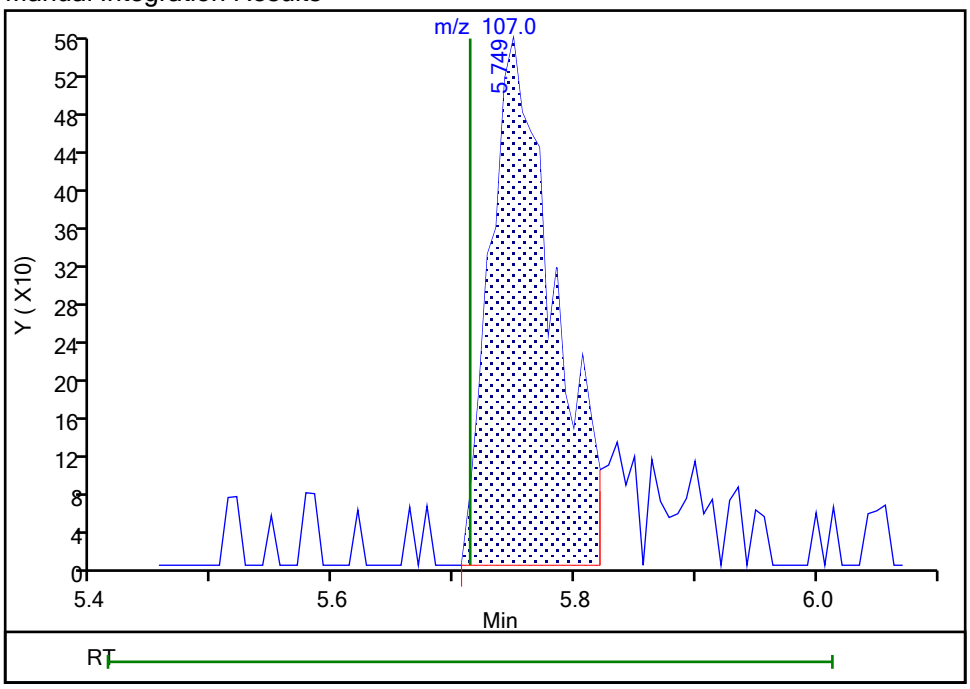
Processing Integration Results

RT: 5.75
Area: 1759
Amount: 0.770660
Amount Units: ug/l




Manual Integration Results

RT: 5.75
Area: 2023
Amount: 0.869562
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:14:13
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

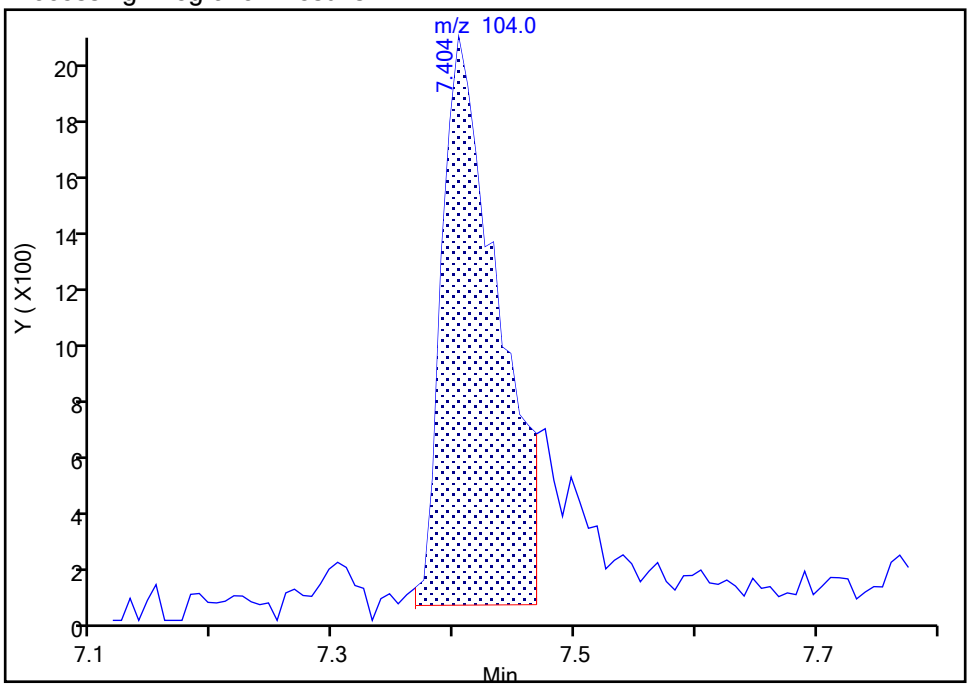
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 103 Styrene, CAS: 100-42-5

Signal: 1

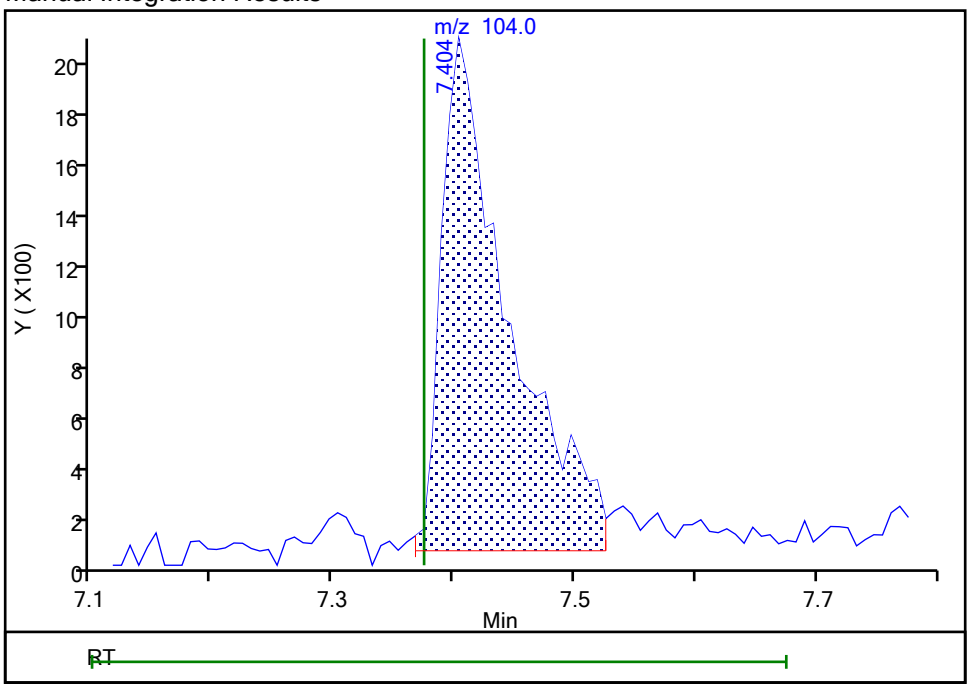
Processing Integration Results

RT: 7.40
Area: 6480
Amount: 0.759885
Amount Units: ug/l




Manual Integration Results

RT: 7.40
Area: 7677
Amount: 0.879673
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:14:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

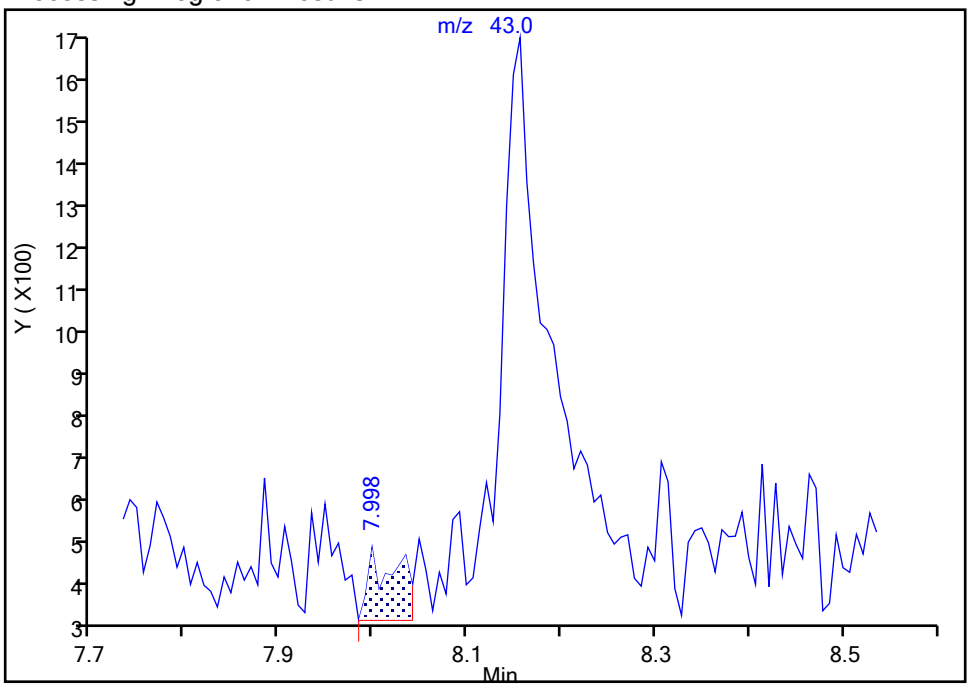
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 106 Amyl acetate (mixed isomers), CAS: 628-63-7

Signal: 1

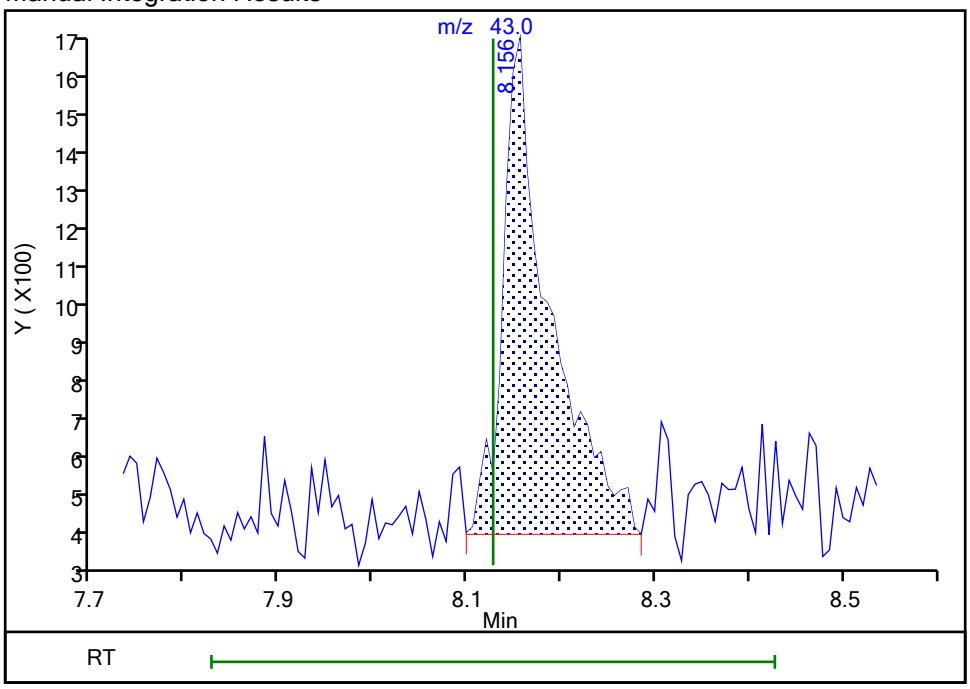
Processing Integration Results

RT: 8.00
Area: 346
Amount: 0.080445
Amount Units: ug/l




Manual Integration Results

RT: 8.16
Area: 4133
Amount: 1.019119
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:14:38
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

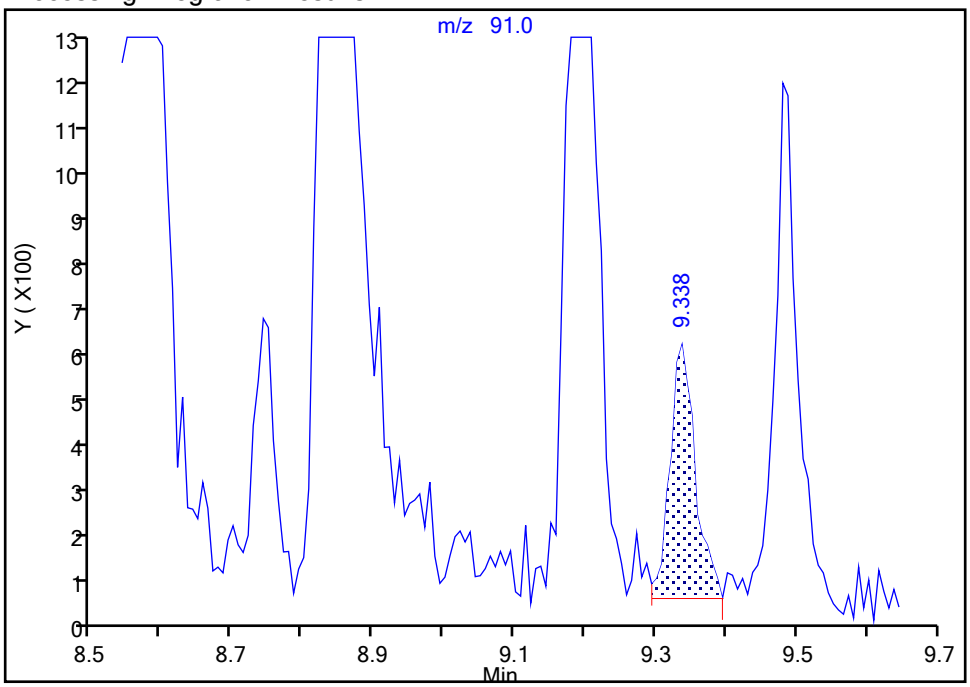
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 116 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

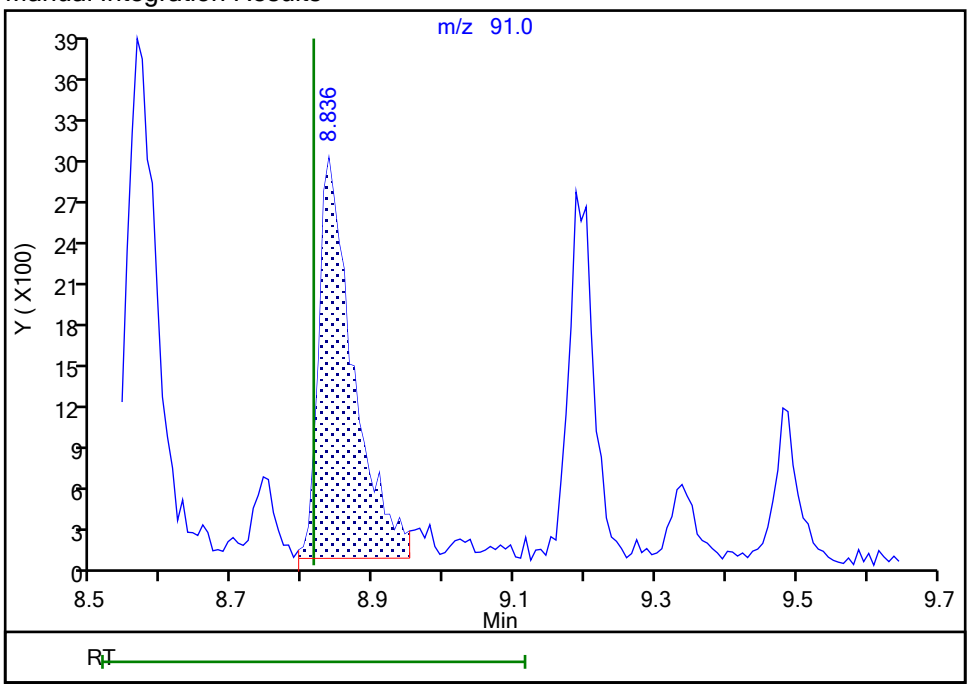
Processing Integration Results

RT: 9.34
Area: 1324
Amount: 0.192956
Amount Units: ug/l




Manual Integration Results

RT: 8.84
Area: 9794
Amount: 0.952532
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:14:56
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

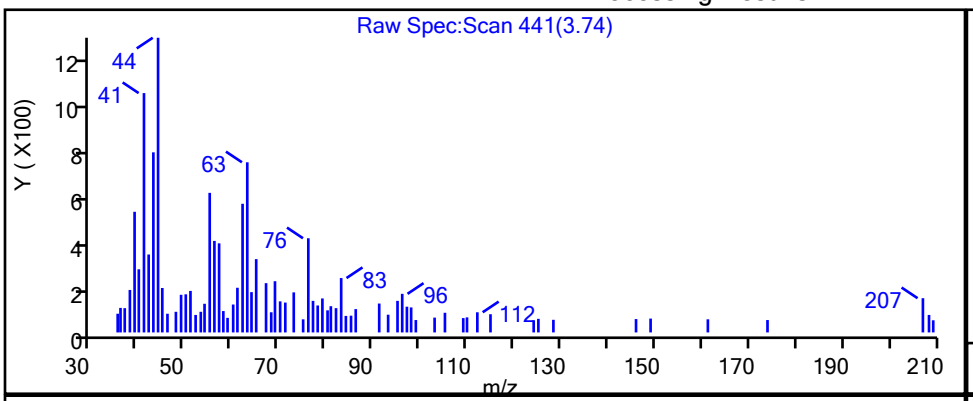
User Disabled Compound Report

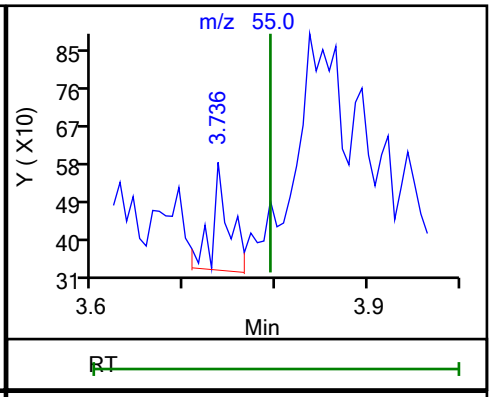
Eurofins TestAmerica, Edison

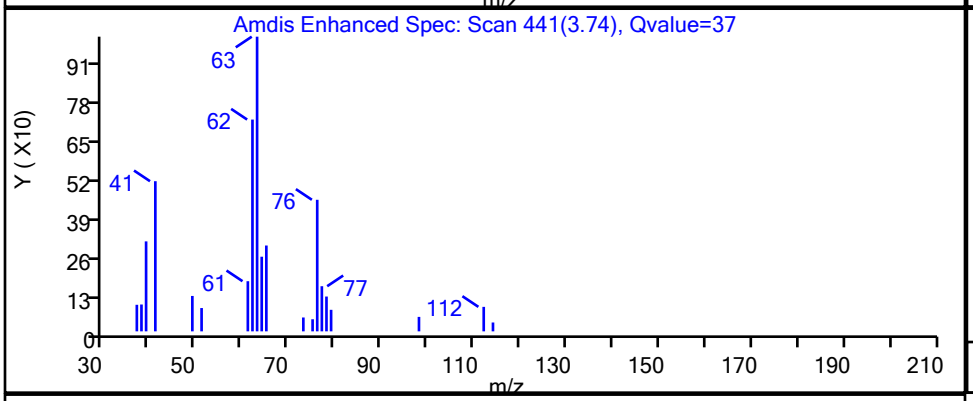
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

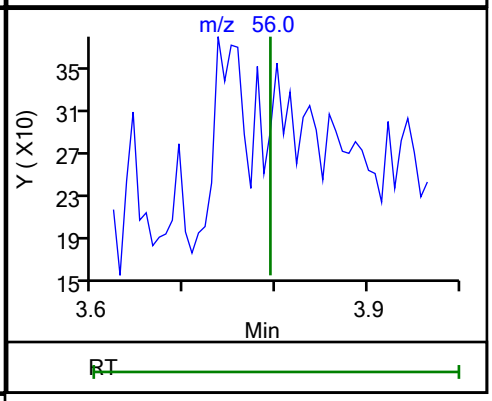
## 74 Ethyl acrylate, CAS: 140-88-5

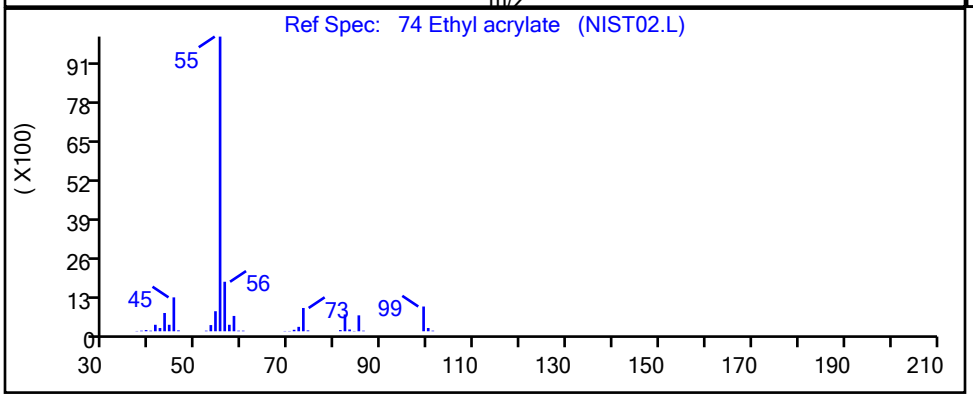
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.74 | 55.00 | 341 | 0.110105 |
| 3.74 | 56.00 | 1827 | |

Reviewer: delpolitov, 13-Sep-2021 17:10:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

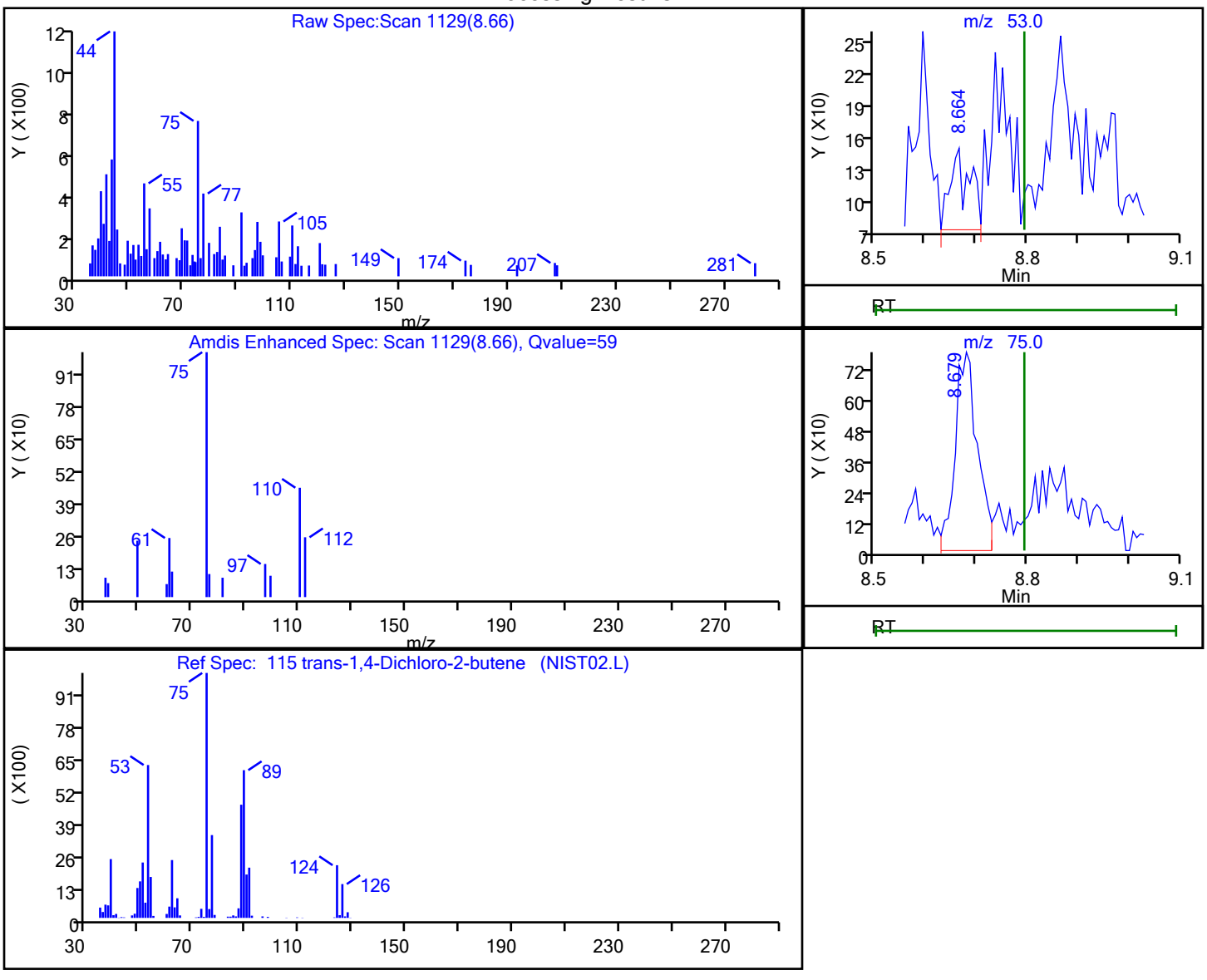
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93053.D
Injection Date: 12-Sep-2021 11:29:30 Instrument ID: CVOAMS13
Lims ID: STD1
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 - 8260D 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 |
|---|---|---|---|
| 8.66 | 53.00 | 200 | 0.238538 |
| 8.68 | 75.00 | 2417 | |

Reviewer: delpolitov, 13-Sep-2021 17:14:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 12-Sep-2021 11:54:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0134419-005
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2021 09:09:40 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: boykink Date: 12-Sep-2021 12:05:46

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.692 | 0.692 | 0.000 | 88 | 5773 | 5.00 | 5.57 | |
| 3 Dichlorodifluoromethane | 85 | 0.699 | 0.699 | 0.000 | 99 | 22145 | 5.00 | 5.76 | M |
| 168 Chlorodifluoromethane | 51 | 0.764 | 0.771 | -0.007 | 96 | 26572 | 5.00 | 5.29 | |
| 6 Chloromethane | 50 | 0.814 | 0.814 | 0.000 | 98 | 21125 | 5.00 | 4.98 | Ma |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 68 | 19440 | 5.00 | 5.03 | |
| 175 Butadiene | 54 | 0.814 | 0.814 | 0.000 | 95 | 19821 | 5.00 | 5.44 | |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 97 | 8993 | 5.00 | 4.75 | |
| 10 Chloroethane | 64 | 1.000 | 0.993 | 0.007 | 98 | 10499 | 5.00 | 5.78 | M |
| 11 Pentane | 72 | 1.043 | 1.043 | 0.000 | 97 | 5250 | 10.0 | 11.8 | |
| 12 Trichlorofluoromethane | 101 | 1.050 | 1.050 | 0.000 | 63 | 23562 | 5.00 | 5.55 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 98 | 21625 | 5.00 | 5.15 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.172 | 1.172 | 0.000 | 96 | 28070 | 5.00 | 5.30 | a |
| 15 Ethyl ether | 59 | 1.179 | 1.179 | 0.000 | 97 | 10938 | 5.00 | 4.83 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.265 | 1.265 | 0.000 | 88 | 6491 | 5.00 | 5.81 | |
| 17 1,1-Dichloroethene | 96 | 1.265 | 1.265 | 0.000 | 98 | 13812 | 5.00 | 5.15 | |
| 19 Carbon disulfide | 76 | 1.287 | 1.286 | 0.001 | 100 | 52325 | 5.00 | 4.91 | |
| 20 112TCTFE | 101 | 1.287 | 1.286 | 0.001 | 95 | 13909 | 5.00 | 5.56 | |
| 16 Ethanol | 46 | 1.287 | 1.286 | 0.001 | 24 | 3532 | 200.0 | 257.8 | a |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.294 | 1.294 | 0.000 | 93 | 21640 | 5.00 | 5.01 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 98 | 9865 | 5.00 | 4.45 | |
| 169 Cyclopentene | 67 | 1.401 | 1.401 | 0.000 | 96 | 36066 | 5.00 | 5.38 | |
| 24 Acrolein | 56 | 1.423 | 1.423 | 0.000 | 93 | 3364 | 20.3 | 20.8 | |
| 164 3-Chloro-1-propene | 76 | 1.487 | 1.487 | 0.000 | 28 | 8523 | 5.00 | 4.92 | |
| 26 Isopropyl alcohol | 45 | 1.509 | 1.508 | 0.001 | 96 | 5315 | 50.0 | 47.8 | |
| 27 Methylene Chloride | 84 | 1.544 | 1.544 | 0.000 | 90 | 17167 | 5.00 | 5.12 | |
| 28 Acetone | 43 | 1.566 | 1.566 | 0.000 | 88 | 11538 | 25.0 | 25.7 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.623 | 1.616 | 0.007 | 94 | 15330 | 5.00 | 5.08 | |
| 30 Methyl acetate | 43 | 1.630 | 1.623 | 0.007 | 98 | 11384 | 10.0 | 8.77 | |
| 31 Hexane | 86 | 1.666 | 1.666 | 0.000 | 91 | 3926 | 5.00 | 5.03 | |
| 32 Methyl tert-butyl ether | 73 | 1.673 | 1.673 | 0.000 | 87 | 36377 | 5.00 | 4.88 | |

| 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 | 1.688 | 1.688 | 0.000 | 99 | 144890 | 1000.0 | 1000.0 | |
| 34 2-Methyl-2-propanol | 59 | 1.731 | 1.731 | 0.000 | 97 | 9943 | 50.0 | 50.5 | |
| 35 Acetonitrile | 41 | 1.817 | 1.809 | 0.008 | 97 | 11427 | 50.0 | 46.7 | |
| 36 Isopropyl ether | 45 | 1.881 | 1.881 | 0.000 | 97 | 48323 | 5.00 | 5.08 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 92 | 13088 | 5.00 | 4.96 | |
| 38 1,1-Dichloroethane | 63 | 1.946 | 1.938 | 0.008 | 100 | 27484 | 5.00 | 4.93 | |
| 39 Acrylonitrile | 53 | 1.974 | 2.003 | -0.029 | 93 | 36510 | 50.0 | 45.8 | |
| 40 Tert-butyl ethyl ether | 59 | 2.089 | 2.089 | 0.000 | 89 | 45354 | 5.00 | 5.03 | |
| 41 Vinyl acetate | 43 | 2.096 | 2.096 | 0.000 | 100 | 50263 | 10.0 | 9.06 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.268 | 2.261 | 0.007 | 97 | 15874 | 5.00 | 4.88 | |
| 43 2,2-Dichloropropane | 97 | 2.325 | 2.325 | 0.000 | 97 | 5338 | 5.00 | 5.58 | |
| 44 Cyclohexane | 56 | 2.383 | 2.382 | 0.000 | 90 | 25630 | 5.00 | 5.49 | |
| 45 Chlorobromomethane | 128 | 2.390 | 2.390 | 0.000 | 90 | 7122 | 5.00 | 4.75 | |
| 46 Chloroform | 83 | 2.440 | 2.440 | 0.000 | 99 | 26317 | 5.00 | 5.01 | |
| 47 Carbon tetrachloride | 117 | 2.526 | 2.526 | 0.000 | 97 | 19661 | 5.00 | 5.24 | |
| 49 Methyl acrylate | 55 | 2.540 | 2.533 | 0.007 | 84 | 9174 | 5.00 | 4.72 | |
| 48 Ethyl acetate | 70 | 2.540 | 2.533 | 0.007 | 99 | 2548 | 10.0 | 9.61 | |
| 50 Tetrahydrofuran | 42 | 2.540 | 2.533 | 0.007 | 93 | 7098 | 10.0 | 9.54 | |
| 52 1,1,1-Trichloroethane | 97 | 2.569 | 2.561 | 0.008 | 94 | 23619 | 5.00 | 5.11 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.562 | 0.000 | 97 | 125680 | 50.0 | 50.3 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 176043 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.648 | 2.647 | 0.001 | 89 | 7153 | 25.0 | 26.4 | |
| 55 1,1-Dichloropropene | 110 | 2.655 | 2.655 | 0.000 | 94 | 8085 | 5.00 | 5.23 | |
| 56 Isooctane | 57 | 2.741 | 2.733 | 0.008 | 99 | 38073 | 5.00 | 5.74 | |
| 58 Benzene | 78 | 2.827 | 2.826 | 0.001 | 96 | 62300 | 5.00 | 4.92 | |
| 57 n-Heptane | 57 | 2.827 | 2.826 | 0.001 | 51 | 9724 | 5.00 | 5.73 | |
| 59 Propionitrile | 54 | 2.848 | 2.841 | 0.007 | 97 | 11921 | 50.0 | 42.7 | |
| 60 Methacrylonitrile | 67 | 2.862 | 2.855 | 0.007 | 92 | 39956 | 50.0 | 45.7 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.927 | 0.000 | 0 | 138211 | 50.0 | 50.2 | |
| 62 Tert-amyl methyl ether | 73 | 2.934 | 2.934 | 0.000 | 98 | 38810 | 5.00 | 5.02 | |
| 63 1,2-Dichloroethane | 62 | 2.977 | 2.977 | 0.000 | 97 | 18521 | 5.00 | 5.03 | |
| 64 Isobutyl alcohol | 43 | 3.056 | 3.049 | 0.007 | 83 | 9255 | 125.0 | 120.2 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.149 | 0.000 | 99 | 536106 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.221 | 3.213 | 0.008 | 99 | 21604 | 5.00 | 5.27 | |
| 68 Methylcyclohexane | 83 | 3.264 | 3.263 | 0.001 | 95 | 24271 | 5.00 | 5.51 | |
| 69 Trichloroethene | 130 | 3.292 | 3.285 | 0.007 | 98 | 14976 | 5.00 | 4.79 | |
| 71 Dibromomethane | 93 | 3.636 | 3.629 | 0.007 | 97 | 7667 | 5.00 | 4.52 | |
| 72 n-Butanol | 56 | 3.693 | 3.650 | 0.043 | 90 | 4791 | 125.0 | 113.2 | a |
| 73 1,2-Dichloropropane | 63 | 3.715 | 3.715 | 0.000 | 91 | 15676 | 5.00 | 4.86 | |
| 75 Dichlorobromomethane | 83 | 3.801 | 3.794 | 0.007 | 99 | 19412 | 5.00 | 4.98 | |
| 74 Ethyl acrylate | 55 | 3.815 | 3.794 | 0.021 | 98 | 12597 | 5.00 | 4.80 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.966 | 3.966 | 0.000 | 64 | 18476 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 3.994 | 3.980 | 0.014 | 88 | 5776 | 10.0 | 9.78 | |
| 78 1,4-Dioxane | 88 | 3.994 | 3.987 | 0.007 | 36 | 2340 | 100.0 | 100.8 | |
| 79 n-Propyl acetate | 43 | 4.152 | 4.137 | 0.015 | 98 | 12728 | 5.00 | 4.91 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.395 | 4.381 | 0.014 | 96 | 7503 | 5.01 | 5.08 | |
| 81 cis-1,3-Dichloropropene | 75 | 4.417 | 4.410 | 0.007 | 92 | 23591 | 5.00 | 4.73 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.589 | 4.596 | -0.007 | 99 | 469452 | 50.0 | 49.1 | |
| 83 Toluene | 91 | 4.646 | 4.646 | 0.000 | 93 | 61533 | 5.00 | 4.87 | |
| 84 Epichlorohydrin | 57 | 4.682 | 4.653 | 0.029 | 99 | 15401 | 100.0 | 96.9 | |
| 85 2-Nitropropane | 41 | 4.890 | 4.882 | 0.008 | 93 | 5614 | 10.0 | 10.3 | |
| 86 Tetrachloroethene | 166 | 5.054 | 5.054 | 0.000 | 97 | 15392 | 5.00 | 5.11 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.104 | 5.097 | 0.007 | 95 | 43023 | 25.0 | 25.5 | |
| 88 trans-1,3-Dichloropropene | 75 | 5.147 | 5.133 | 0.014 | 98 | 18399 | 5.00 | 4.46 | |
| 89 1,1,2-Trichloroethane | 83 | 5.312 | 5.298 | 0.014 | 94 | 10065 | 5.00 | 5.09 | |
| 90 Ethyl methacrylate | 69 | 5.398 | 5.391 | 0.007 | 89 | 11217 | 5.00 | 4.56 | |
| 91 Chlorodibromomethane | 129 | 5.491 | 5.491 | 0.000 | 98 | 13373 | 5.00 | 4.94 | |
| 92 1,3-Dichloropropane | 76 | 5.606 | 5.599 | 0.007 | 94 | 21300 | 5.00 | 5.08 | |
| 93 Ethylene Dibromide | 107 | 5.728 | 5.713 | 0.015 | 98 | 11414 | 5.00 | 4.96 | |
| 94 n-Butyl acetate | 43 | 6.093 | 6.079 | 0.015 | 98 | 12356 | 5.00 | 4.94 | |
| 95 2-Hexanone | 43 | 6.143 | 6.129 | 0.014 | 92 | 30586 | 25.0 | 27.1 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 86 | 375115 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.408 | 6.415 | -0.007 | 93 | 39461 | 5.00 | 4.99 | |
| 98 Ethylbenzene | 106 | 6.501 | 6.501 | 0.000 | 99 | 20106 | 5.00 | 4.74 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.530 | 6.523 | 0.007 | 91 | 14839 | 5.00 | 5.07 | |
| 100 m-Xylene & p-Xylene | 106 | 6.723 | 6.709 | 0.014 | 0 | 25546 | 5.00 | 4.97 | |
| 101 o-Xylene | 106 | 7.289 | 7.282 | 0.007 | 94 | 25200 | 5.00 | 4.97 | |
| 102 Bromoform | 173 | 7.354 | 7.346 | 0.008 | 94 | 8040 | 5.00 | 4.77 | |
| 103 Styrene | 104 | 7.382 | 7.375 | 0.007 | 94 | 41905 | 5.00 | 4.85 | |
| 104 n-Butyl acrylate | 73 | 7.726 | 7.712 | 0.014 | 95 | 8247 | 5.00 | 4.74 | |
| 105 Isopropylbenzene | 105 | 7.769 | 7.762 | 0.007 | 96 | 67614 | 5.00 | 5.18 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.134 | 8.127 | 0.007 | 88 | 20141 | 5.00 | 5.12 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 90 | 153671 | 50.0 | 49.7 | |
| 108 Bromobenzene | 156 | 8.228 | 8.227 | 0.001 | 99 | 17687 | 5.00 | 5.15 | |
| 109 N-Propylbenzene | 91 | 8.392 | 8.392 | 0.000 | 99 | 78692 | 5.00 | 5.02 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.550 | 8.543 | 0.007 | 96 | 13560 | 5.00 | 4.61 | |
| 111 2-Chlorotoluene | 91 | 8.557 | 8.550 | 0.007 | 97 | 55200 | 5.00 | 5.01 | |
| 172 4-Ethyltoluene | 105 | 8.586 | 8.578 | 0.008 | 98 | 65011 | 5.00 | 4.92 | |
| 113 1,2,3-Trichloropropane | 110 | 8.664 | 8.664 | 0.000 | 97 | 4346 | 5.00 | 5.21 | |
| 114 1,3,5-Trimethylbenzene | 105 | 8.736 | 8.736 | 0.000 | 93 | 55650 | 5.00 | 5.01 | |
| 115 trans-1,4-Dichloro-2-butene | 53 | 8.822 | 8.793 | 0.029 | 42 | 3867 | 5.00 | 5.03 | |
| 116 4-Chlorotoluene | 91 | 8.822 | 8.815 | 0.007 | 98 | 49294 | 5.00 | 4.94 | a |
| 117 tert-Butylbenzene | 119 | 9.195 | 9.187 | 0.008 | 93 | 46223 | 5.00 | 5.04 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.323 | 9.323 | 0.000 | 98 | 55839 | 5.00 | 4.86 | |
| 119 Butyl Methacrylate | 87 | 9.352 | 9.345 | 0.007 | 92 | 19152 | 5.00 | 4.78 | |
| 120 sec-Butylbenzene | 105 | 9.481 | 9.481 | 0.000 | 99 | 68152 | 5.00 | 5.14 | |
| 121 1,3-Dichlorobenzene | 146 | 9.732 | 9.725 | 0.008 | 95 | 32022 | 5.00 | 5.03 | |
| 122 4-Isopropyltoluene | 119 | 9.760 | 9.760 | 0.000 | 97 | 59985 | 5.00 | 5.16 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 96 | 208300 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.882 | 9.882 | 0.000 | 93 | 33899 | 5.00 | 5.04 | |
| 125 1,2,3-Trimethylbenzene | 105 | 9.997 | 9.990 | 0.007 | 99 | 60231 | 5.00 | 5.01 | |
| 165 2,3-Dihydroindene | 117 | 10.162 | 10.161 | 0.001 | 0 | 58358 | 5.00 | 4.93 | |
| 127 Benzyl chloride | 126 | 10.348 | 10.333 | 0.015 | 98 | 6221 | 5.00 | 4.63 | |
| 167 p-Diethylbenzene | 119 | 10.369 | 10.369 | 0.000 | 92 | 29906 | 5.00 | 5.09 | |
| 129 n-Butylbenzene | 91 | 10.448 | 10.448 | 0.000 | 98 | 55228 | 5.00 | 5.13 | |
| 130 1,2-Dichlorobenzene | 146 | 10.548 | 10.541 | 0.007 | 96 | 30352 | 5.00 | 5.13 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.651 | 11.644 | 0.007 | 97 | 56692 | 5.00 | 5.13 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.795 | 11.787 | 0.008 | 92 | 2605 | 5.00 | 4.80 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.852 | 11.845 | 0.007 | 97 | 22390 | 5.00 | 5.13 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.590 | 12.583 | 0.007 | 94 | 18981 | 5.00 | 5.14 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 94 | 7689 | 5.00 | 5.33 | |
| 136 Naphthalene | 128 | 12.905 | 12.891 | 0.014 | 99 | 37656 | 5.00 | 5.11 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.077 | 13.077 | 0.000 | 96 | 14211 | 5.00 | 5.43 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 9.96 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 140 Xylenes, Total | 100 | | | | 0 | | 10.0 | 9.94 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00130 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 10.00 | Units: uL | |
| GASES Li_00438 | Amount Added: | 10.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 10.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 14-Sep-2021 09:09:41 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D

Injection Date: 12-Sep-2021 11:54:30 Instrument ID: CVOAMS13 Operator ID:

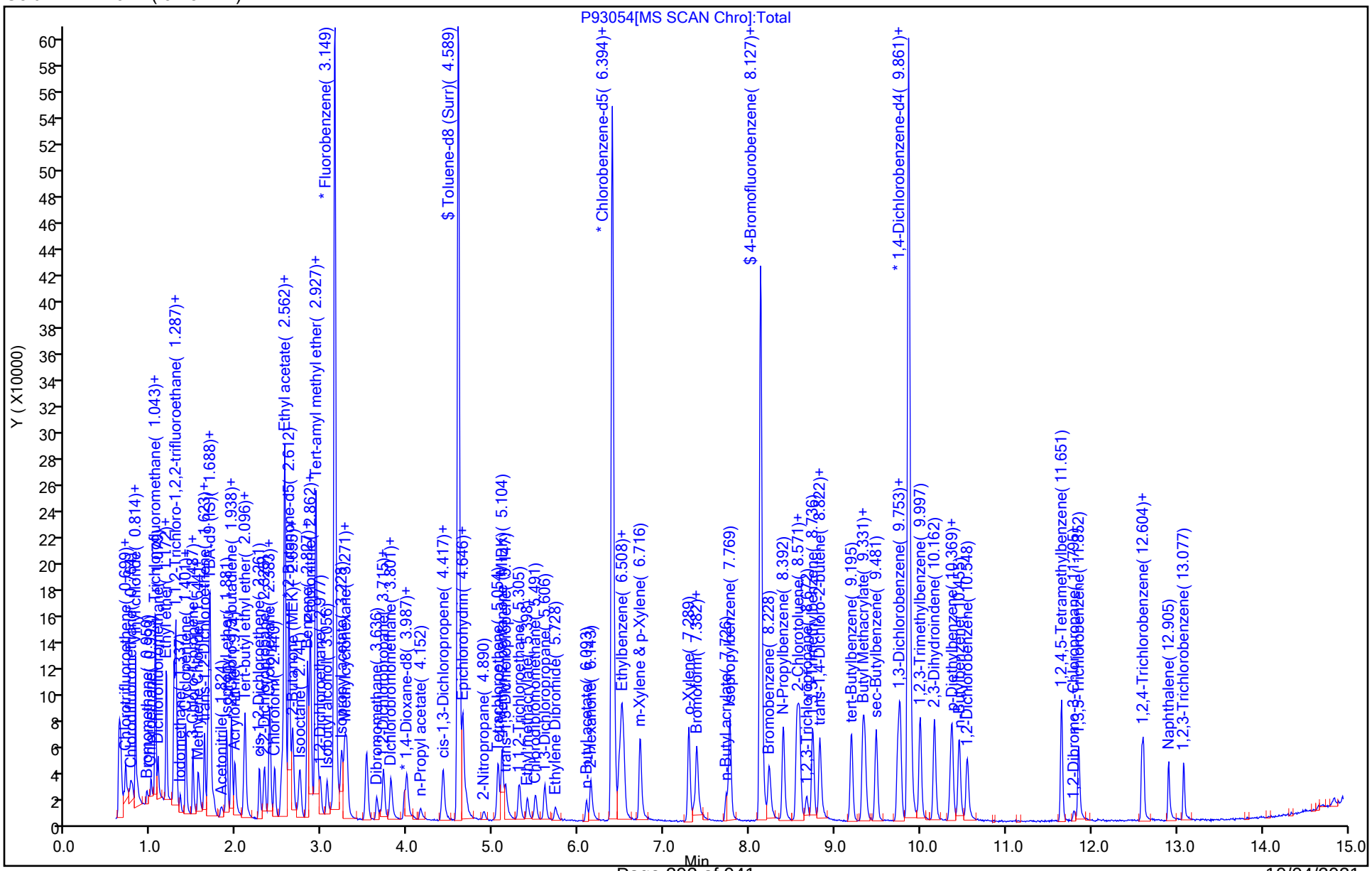
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

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

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

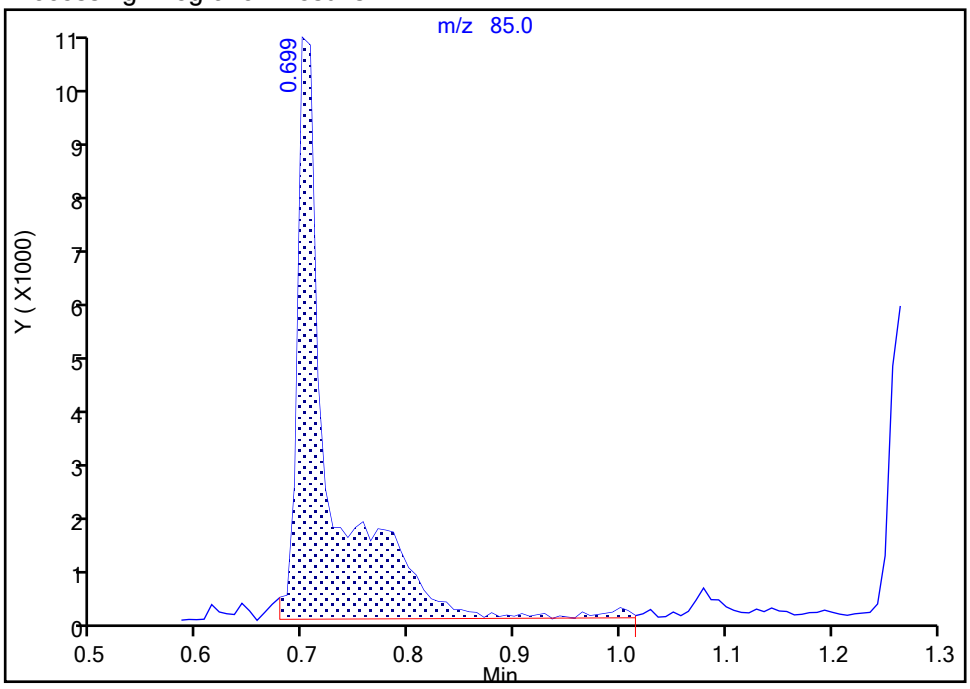
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D
Injection Date: 12-Sep-2021 11:54:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 3 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

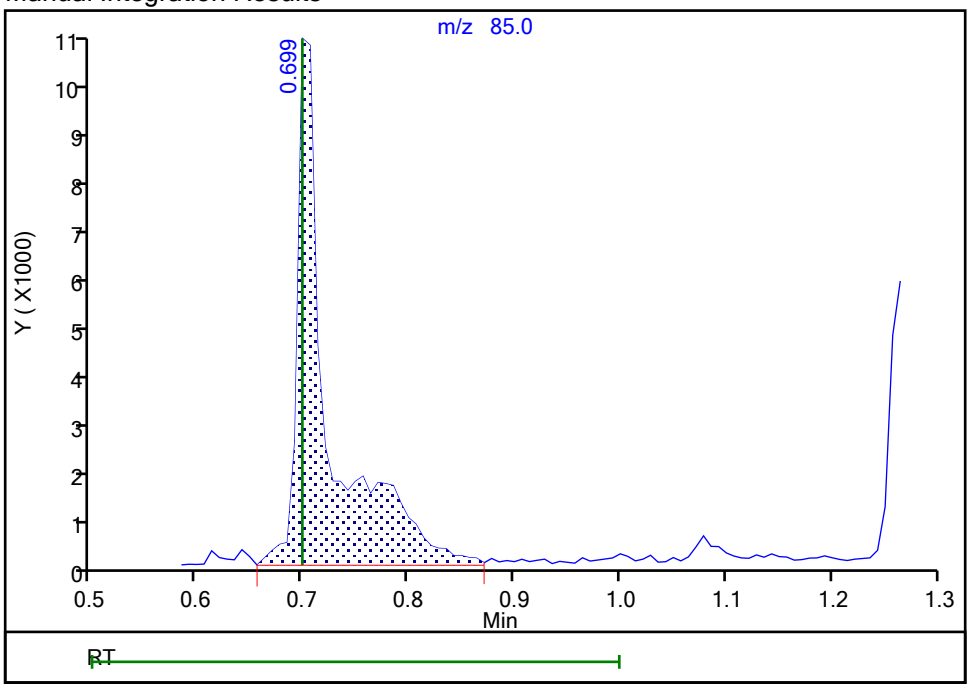
Processing Integration Results

RT: 0.70
Area: 22113
Amount: 6.128863
Amount Units: ug/l




Manual Integration Results

RT: 0.70
Area: 22145
Amount: 5.757428
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:16:08
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

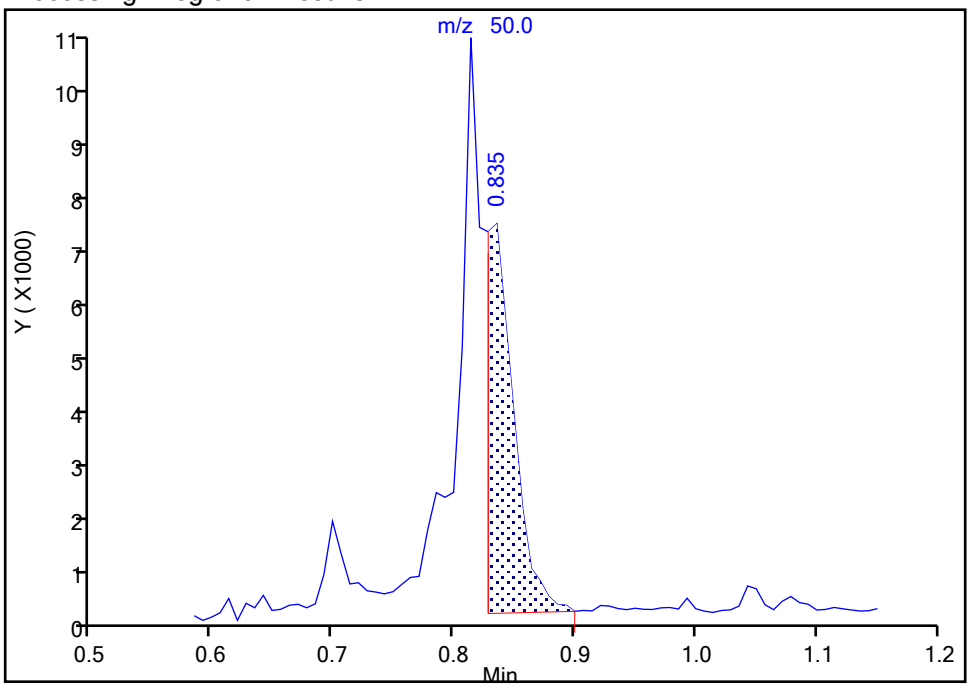
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D
Injection Date: 12-Sep-2021 11:54:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

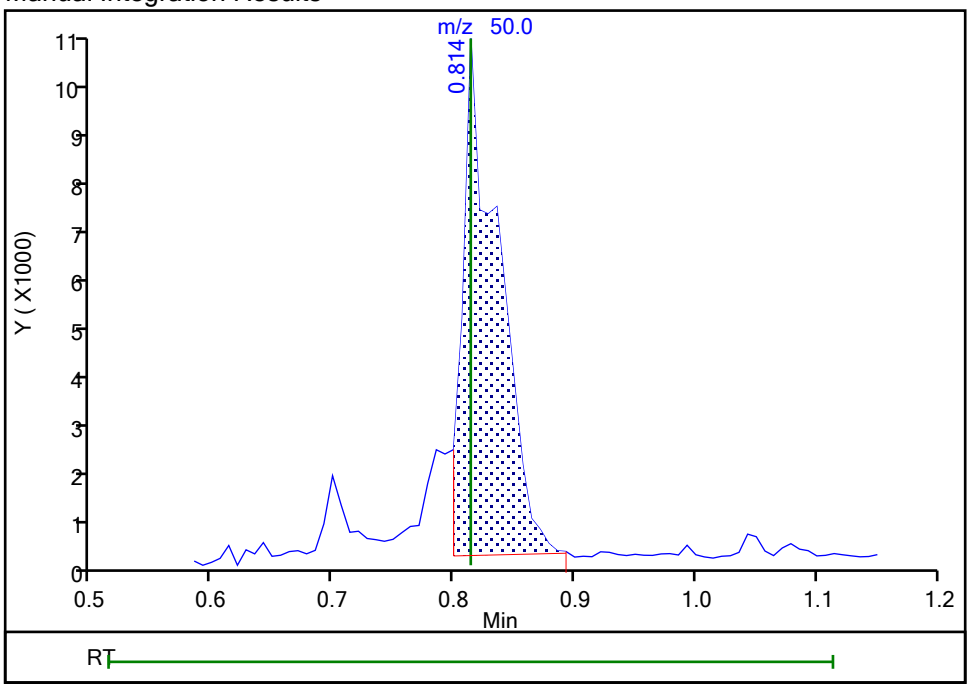
Processing Integration Results

RT: 0.84
Area: 11254
Amount: 2.254766
Amount Units: ug/l




Manual Integration Results

RT: 0.81
Area: 21125
Amount: 4.975550
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:16:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

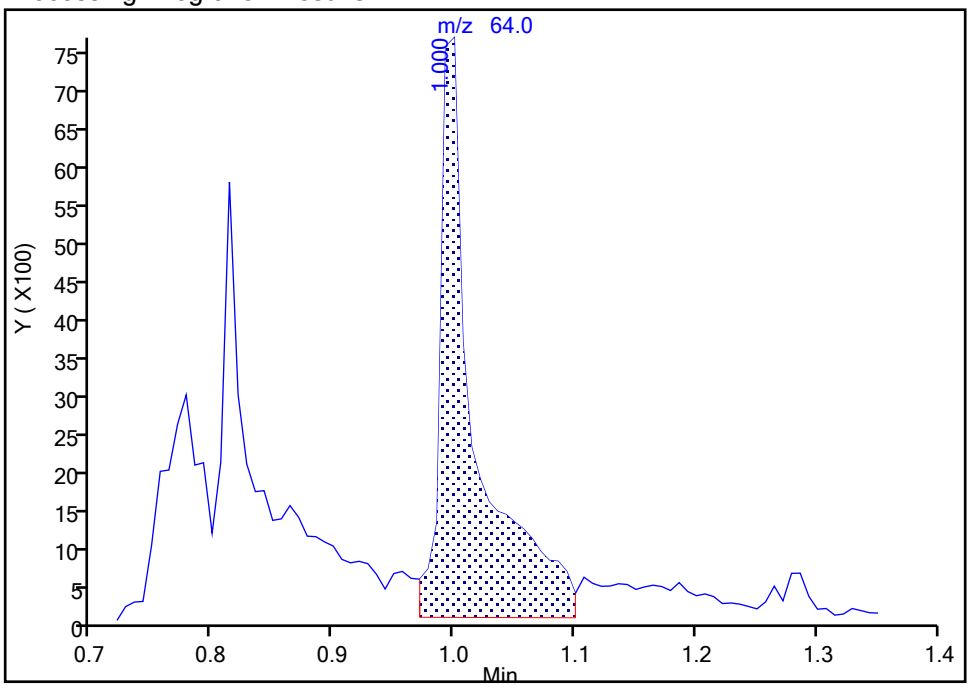
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D
Injection Date: 12-Sep-2021 11:54:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Signal: 1

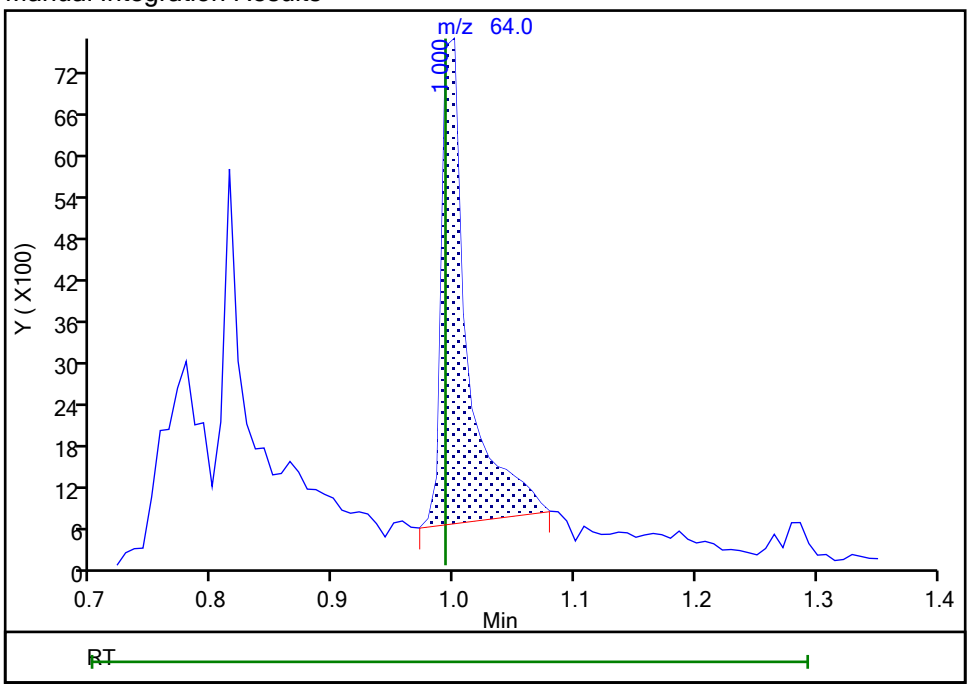
Processing Integration Results

RT: 1.00
Area: 15454
Amount: 6.563238
Amount Units: ug/l




Manual Integration Results

RT: 1.00
Area: 10499
Amount: 5.779992
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:16:44
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

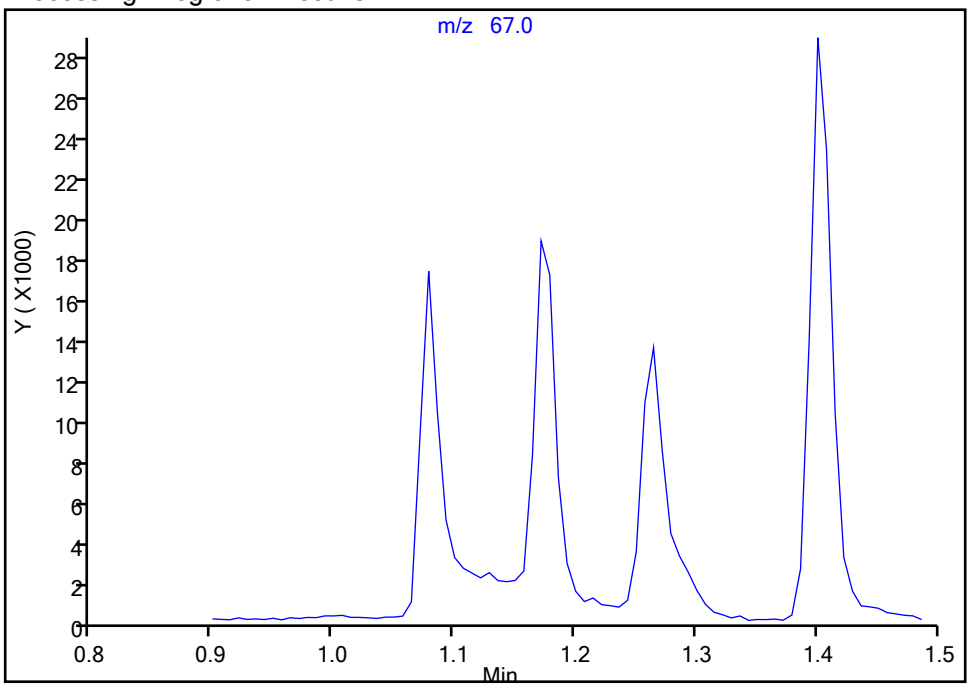
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D
Injection Date: 12-Sep-2021 11:54:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 14 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

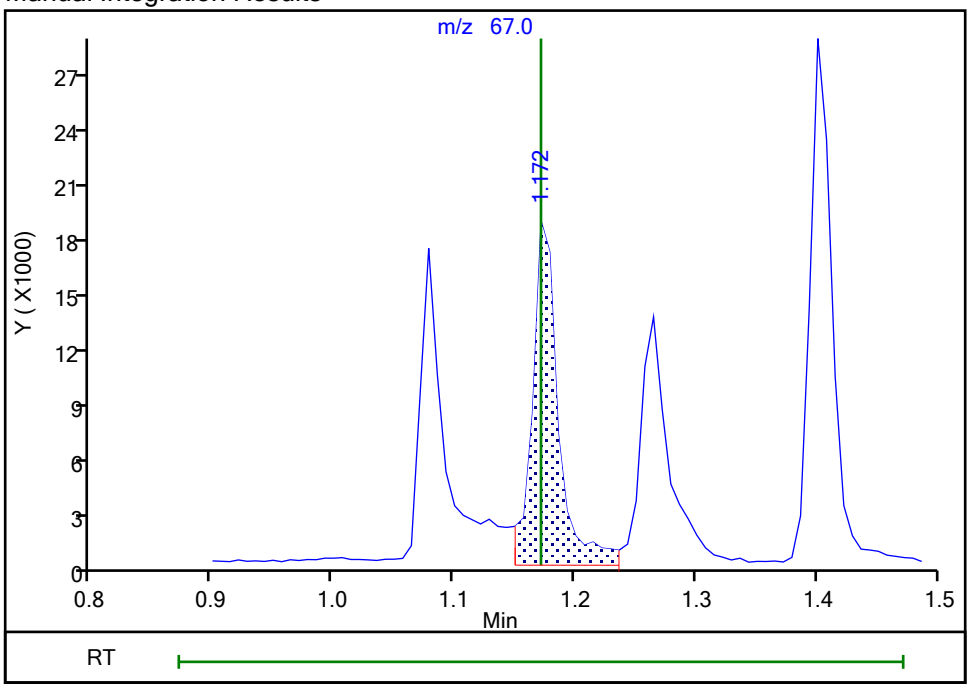
Not Detected
Expected RT: 1.17

Processing Integration Results




Manual Integration Results

RT: 1.17
Area: 28070
Amount: 5.296184
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:16:52
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

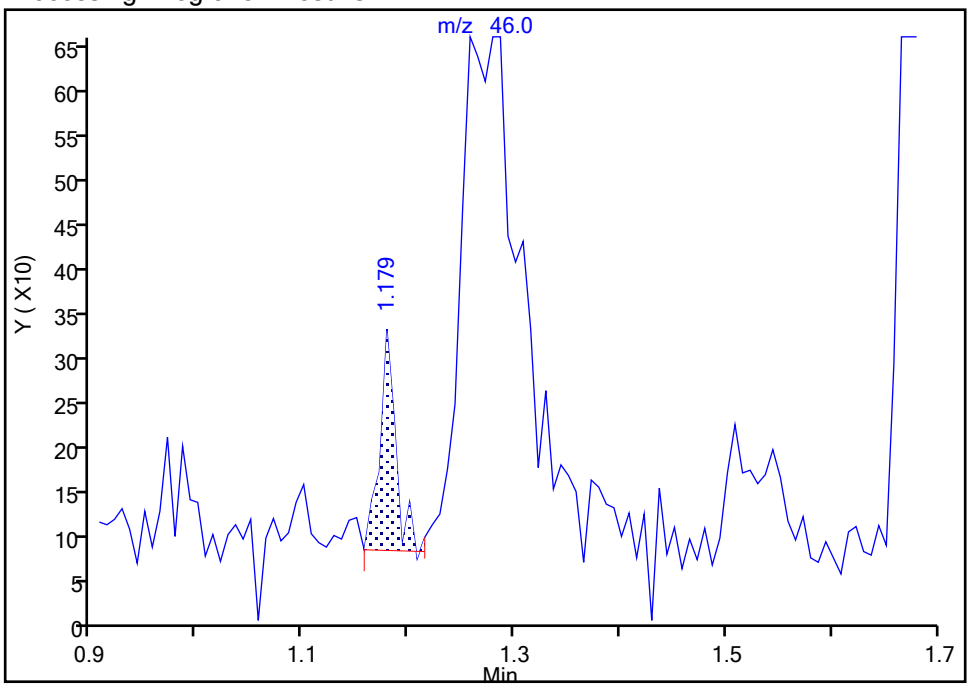
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D
Injection Date: 12-Sep-2021 11:54:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 Ethanol, CAS: 64-17-5

Signal: 1

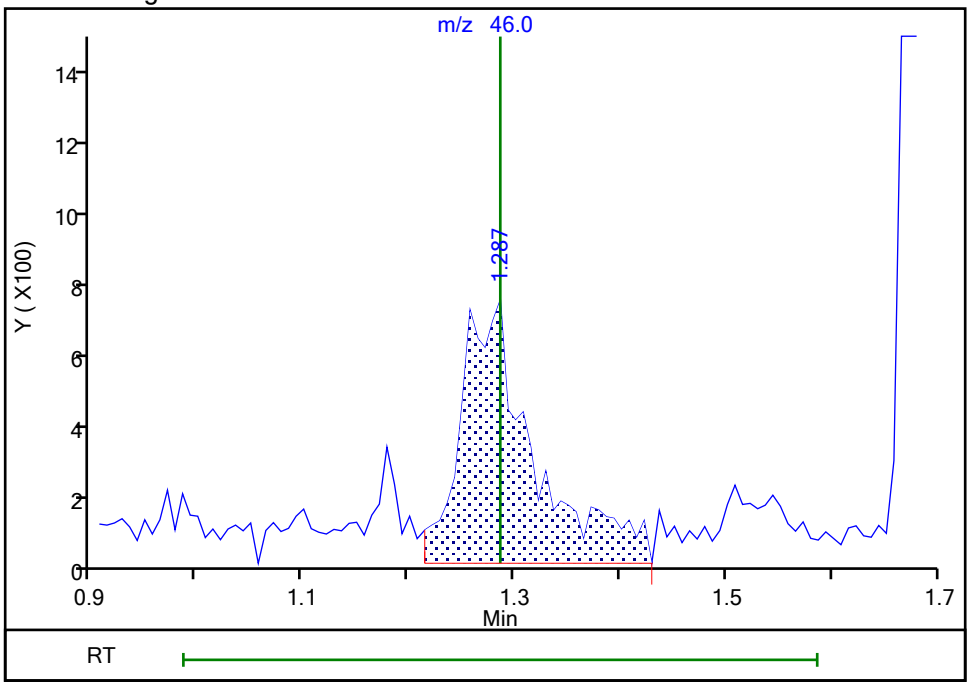
Processing Integration Results

RT: 1.18
Area: 259
Amount: 51.769164
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 3532
Amount: 257.7551
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:16:58
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

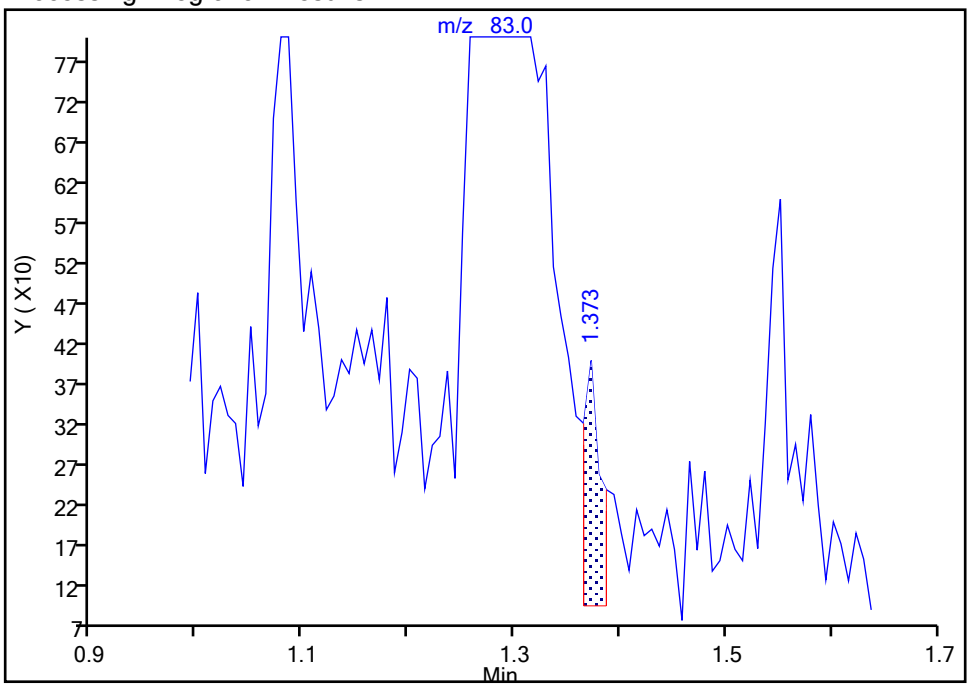
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D
Injection Date: 12-Sep-2021 11:54:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 174 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

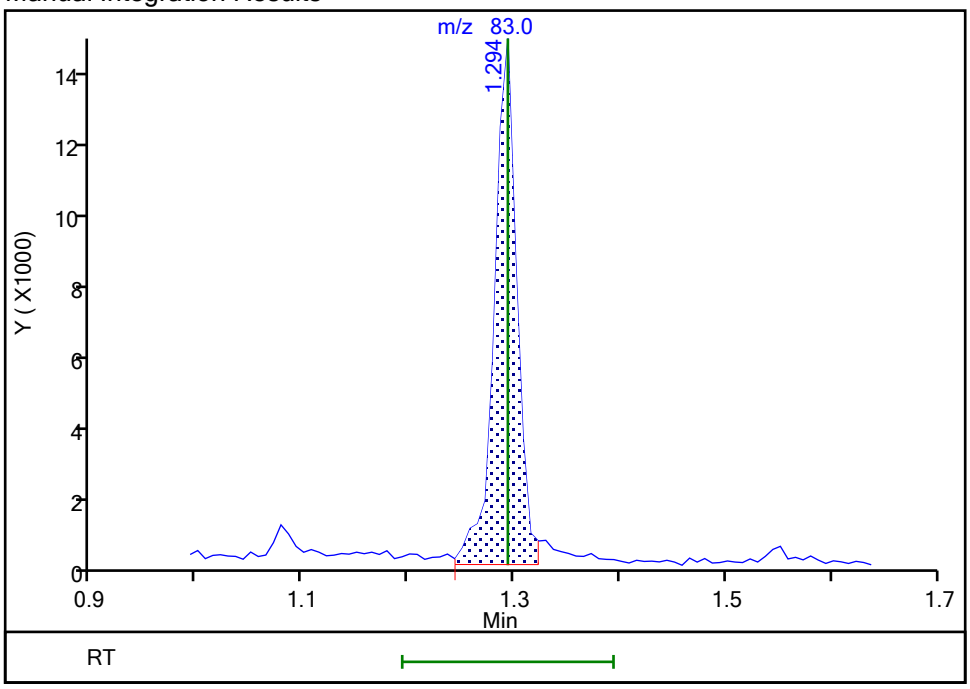
Processing Integration Results

RT: 1.37
Area: 360
Amount: 0.118425
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 21640
Amount: 5.008245
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:17:04
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

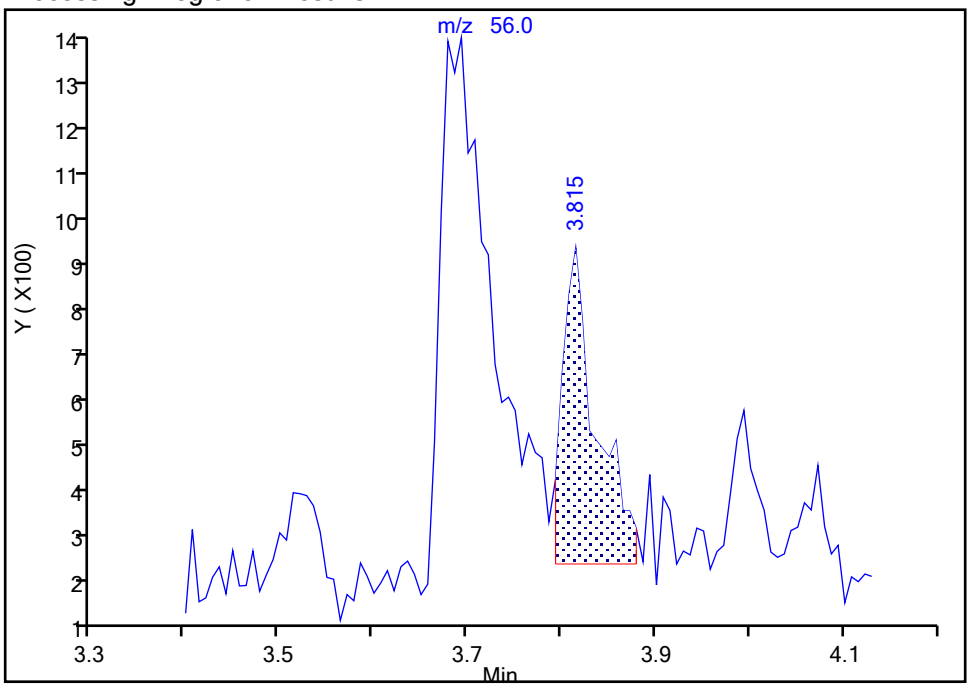
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D
Injection Date: 12-Sep-2021 11:54:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 72 n-Butanol, CAS: 71-36-3

Signal: 1

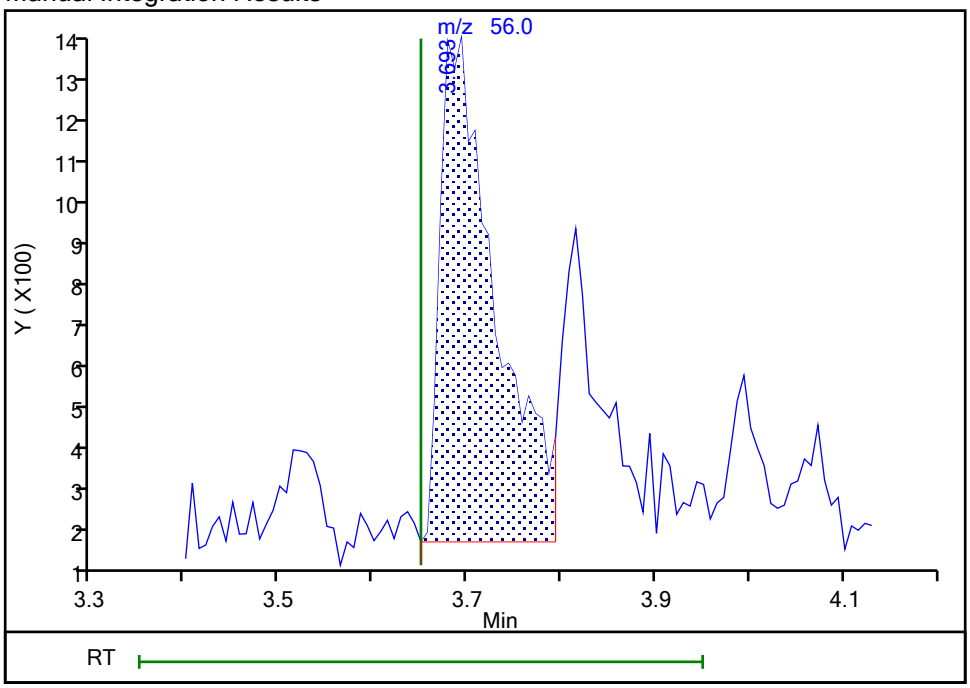
Processing Integration Results

RT: 3.82
Area: 1662
Amount: 28.347289
Amount Units: ug/l




Manual Integration Results

RT: 3.69
Area: 4791
Amount: 113.2434
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:18:01
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

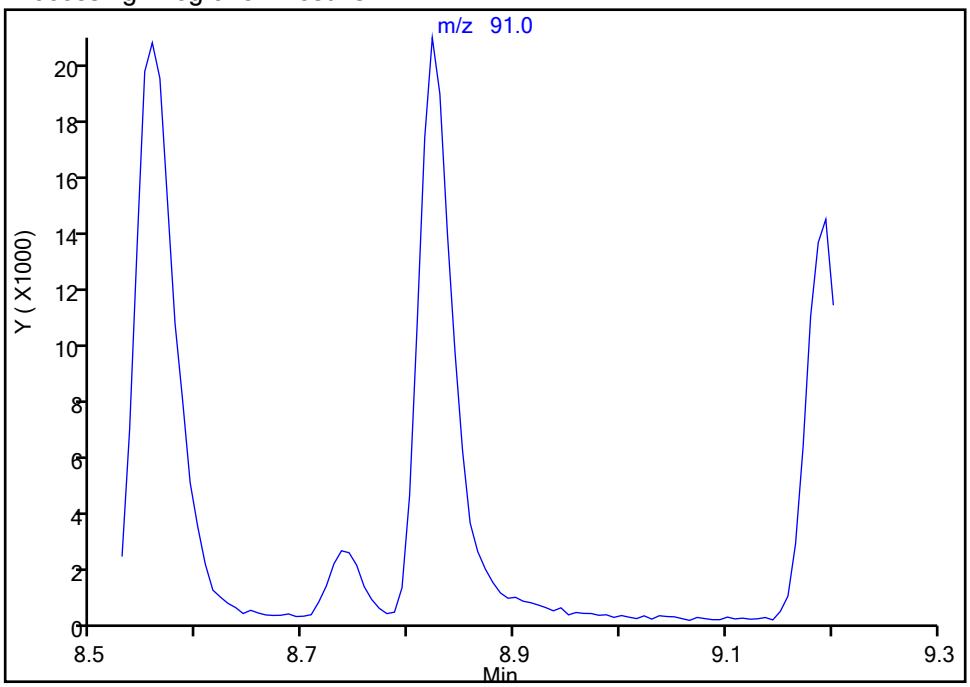
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93054.D
Injection Date: 12-Sep-2021 11:54:30 Instrument ID: CVOAMS13
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 116 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

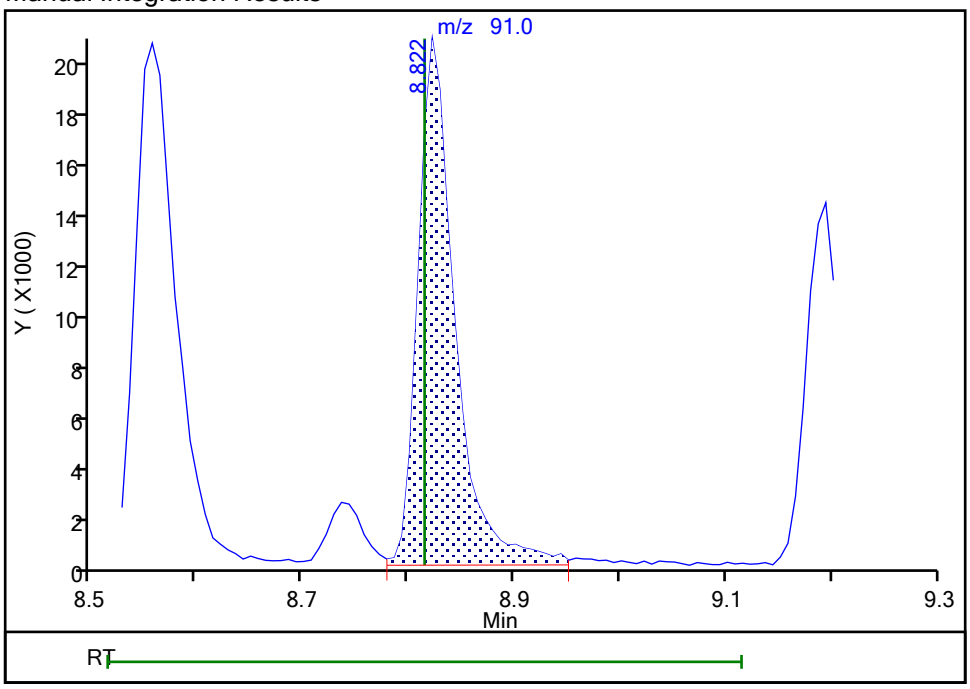
Not Detected
Expected RT: 8.81

Processing Integration Results




Manual Integration Results

RT: 8.82
Area: 49294
Amount: 4.944350
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:18:36
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93055.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 12-Sep-2021 12:34:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0134419-006
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2021 09:09:49 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: boykink Date: 12-Sep-2021 12:07:19

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.692 | 0.692 | 0.000 | 89 | 22149 | 20.0 | 21.1 | |
| 3 Dichlorodifluoromethane | 85 | 0.699 | 0.699 | 0.000 | 98 | 81693 | 20.0 | 20.9 | |
| 168 Chlorodifluoromethane | 51 | 0.764 | 0.764 | 0.000 | 96 | 107644 | 20.0 | 21.1 | |
| 6 Chloromethane | 50 | 0.814 | 0.814 | 0.000 | 99 | 85231 | 20.0 | 19.8 | M |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 96 | 80148 | 20.0 | 20.5 | |
| 175 Butadiene | 54 | 0.814 | 0.814 | 0.000 | 97 | 74414 | 20.0 | 20.1 | |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 99 | 35822 | 20.0 | 19.6 | |
| 10 Chloroethane | 64 | 0.993 | 0.993 | 0.000 | 99 | 40336 | 20.0 | 21.9 | M |
| 11 Pentane | 72 | 1.050 | 1.050 | 0.000 | 96 | 20335 | 40.0 | 50.9 | |
| 12 Trichlorofluoromethane | 101 | 1.050 | 1.050 | 0.000 | 97 | 92297 | 20.0 | 21.5 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 99 | 92440 | 20.0 | 21.7 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.172 | 1.172 | 0.000 | 96 | 108556 | 20.0 | 20.2 | |
| 15 Ethyl ether | 59 | 1.179 | 1.179 | 0.000 | 97 | 44716 | 20.0 | 19.5 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.265 | 1.265 | 0.000 | 78 | 23312 | 20.0 | 20.6 | |
| 17 1,1-Dichloroethene | 96 | 1.265 | 1.265 | 0.000 | 98 | 53062 | 20.0 | 19.5 | |
| 19 Carbon disulfide | 76 | 1.286 | 1.286 | 0.000 | 99 | 209751 | 20.0 | 19.4 | |
| 20 112TCTFE | 101 | 1.286 | 1.286 | 0.000 | 60 | 52584 | 20.0 | 20.7 | |
| 16 Ethanol | 46 | 1.279 | 1.279 | 0.000 | 45 | 8664 | 800.0 | 705.6 | |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.294 | 1.294 | 0.000 | 93 | 87245 | 20.0 | 19.9 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 97 | 44891 | 20.0 | 19.3 | |
| 169 Cyclopentene | 67 | 1.401 | 1.401 | 0.000 | 96 | 140166 | 20.0 | 20.6 | |
| 24 Acrolein | 56 | 1.423 | 1.423 | 0.000 | 92 | 6011 | 40.6 | 41.5 | |
| 164 3-Chloro-1-propene | 76 | 1.487 | 1.487 | 0.000 | 46 | 34617 | 20.0 | 19.7 | |
| 26 Isopropyl alcohol | 45 | 1.508 | 1.508 | 0.000 | 97 | 20063 | 200.0 | 201.4 | |
| 27 Methylene Chloride | 84 | 1.544 | 1.544 | 0.000 | 91 | 65549 | 20.0 | 19.3 | |
| 28 Acetone | 43 | 1.566 | 1.566 | 0.000 | 86 | 41894 | 100.0 | 96.8 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.623 | 1.623 | 0.000 | 94 | 58894 | 20.0 | 19.2 | |
| 30 Methyl acetate | 43 | 1.623 | 1.623 | 0.000 | 98 | 45091 | 40.0 | 38.8 | |
| 31 Hexane | 86 | 1.666 | 1.666 | 0.000 | 91 | 15304 | 20.0 | 19.4 | |
| 32 Methyl tert-butyl ether | 73 | 1.673 | 1.673 | 0.000 | 87 | 143759 | 20.0 | 19.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 33 TBA-d9 (IS) | 65 | 1.688 | 1.688 | 0.000 | 99 | 129834 | 1000.0 | 1000.0 | |
| 34 2-Methyl-2-propanol | 59 | 1.731 | 1.731 | 0.000 | 97 | 34851 | 200.0 | 214.3 | |
| 35 Acetonitrile | 41 | 1.809 | 1.809 | 0.000 | 100 | 45045 | 200.0 | 205.5 | |
| 36 Isopropyl ether | 45 | 1.881 | 1.881 | 0.000 | 97 | 191032 | 20.0 | 19.8 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 92 | 53335 | 20.0 | 19.9 | |
| 38 1,1-Dichloroethane | 63 | 1.945 | 1.945 | 0.000 | 100 | 110030 | 20.0 | 19.5 | |
| 39 Acrylonitrile | 53 | 1.974 | 1.974 | 0.000 | 93 | 149279 | 200.0 | 180.1 | |
| 40 Tert-butyl ethyl ether | 59 | 2.089 | 2.089 | 0.000 | 88 | 177572 | 20.0 | 19.4 | |
| 41 Vinyl acetate | 43 | 2.096 | 2.096 | 0.000 | 100 | 228292 | 40.0 | 40.6 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.261 | 2.261 | 0.000 | 99 | 63583 | 20.0 | 19.3 | |
| 43 2,2-Dichloropropane | 97 | 2.325 | 2.325 | 0.000 | 97 | 18696 | 20.0 | 19.3 | |
| 44 Cyclohexane | 56 | 2.382 | 2.382 | 0.000 | 90 | 95831 | 20.0 | 20.2 | |
| 45 Chlorobromomethane | 128 | 2.390 | 2.390 | 0.000 | 90 | 28869 | 20.0 | 19.0 | |
| 46 Chloroform | 83 | 2.440 | 2.440 | 0.000 | 98 | 104658 | 20.0 | 19.6 | |
| 47 Carbon tetrachloride | 117 | 2.526 | 2.526 | 0.000 | 99 | 72626 | 20.0 | 19.1 | |
| 49 Methyl acrylate | 55 | 2.533 | 2.533 | 0.000 | 97 | 38362 | 20.0 | 19.5 | |
| 48 Ethyl acetate | 70 | 2.533 | 2.533 | 0.000 | 97 | 9246 | 40.0 | 36.2 | |
| 50 Tetrahydrofuran | 42 | 2.540 | 2.540 | 0.000 | 68 | 26626 | 40.0 | 37.1 | |
| 52 1,1,1-Trichloroethane | 97 | 2.569 | 2.569 | 0.000 | 96 | 90940 | 20.0 | 19.4 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.561 | 2.561 | 0.000 | 97 | 122494 | 50.0 | 48.4 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 169769 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.647 | 2.647 | 0.000 | 100 | 24369 | 100.0 | 93.2 | |
| 55 1,1-Dichloropropene | 110 | 2.655 | 2.655 | 0.000 | 96 | 29564 | 20.0 | 18.9 | |
| 56 Isooctane | 57 | 2.741 | 2.741 | 0.000 | 99 | 142966 | 20.0 | 21.3 | |
| 58 Benzene | 78 | 2.826 | 2.826 | 0.000 | 96 | 249556 | 20.0 | 20.7 | |
| 57 n-Heptane | 57 | 2.826 | 2.826 | 0.000 | 50 | 33873 | 20.0 | 19.7 | |
| 59 Propionitrile | 54 | 2.841 | 2.841 | 0.000 | 99 | 48870 | 200.0 | 195.6 | a |
| 60 Methacrylonitrile | 67 | 2.862 | 2.862 | 0.000 | 92 | 165180 | 200.0 | 186.3 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.927 | 0.000 | 0 | 136454 | 50.0 | 48.9 | |
| 62 Tert-amyl methyl ether | 73 | 2.934 | 2.934 | 0.000 | 98 | 151398 | 20.0 | 19.3 | |
| 63 1,2-Dichloroethane | 62 | 2.977 | 2.977 | 0.000 | 97 | 70816 | 20.0 | 19.0 | |
| 64 Isobutyl alcohol | 43 | 3.049 | 3.049 | 0.000 | 90 | 38159 | 500.0 | 553.1 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.149 | 0.000 | 99 | 543530 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.220 | 3.220 | 0.000 | 99 | 81934 | 20.0 | 19.7 | |
| 68 Methylcyclohexane | 83 | 3.263 | 3.263 | 0.000 | 95 | 93172 | 20.0 | 20.8 | |
| 69 Trichloroethene | 130 | 3.285 | 3.285 | 0.000 | 99 | 60765 | 20.0 | 19.2 | |
| 71 Dibromomethane | 93 | 3.629 | 3.629 | 0.000 | 97 | 31966 | 20.0 | 18.6 | |
| 72 n-Butanol | 56 | 3.657 | 3.657 | 0.000 | 87 | 22527 | 500.0 | 499.1 | |
| 73 1,2-Dichloropropane | 63 | 3.715 | 3.715 | 0.000 | 91 | 60601 | 20.0 | 18.5 | |
| 75 Dichlorobromomethane | 83 | 3.801 | 3.801 | 0.000 | 99 | 77226 | 20.0 | 19.5 | |
| 74 Ethyl acrylate | 55 | 3.801 | 3.801 | 0.000 | 98 | 48740 | 20.0 | 18.3 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.965 | 3.965 | 0.000 | 91 | 19556 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 3.987 | 3.987 | 0.000 | 88 | 23696 | 40.0 | 39.6 | |
| 78 1,4-Dioxane | 88 | 3.987 | 3.987 | 0.000 | 34 | 8924 | 400.0 | 363.0 | |
| 79 n-Propyl acetate | 43 | 4.144 | 4.144 | 0.000 | 99 | 52095 | 20.0 | 19.8 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.388 | 4.388 | 0.000 | 97 | 29799 | 20.0 | 19.9 | |
| 81 cis-1,3-Dichloropropene | 75 | 4.410 | 4.410 | 0.000 | 92 | 97709 | 20.0 | 20.6 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.589 | 4.589 | 0.000 | 100 | 472260 | 50.0 | 51.8 | |
| 83 Toluene | 91 | 4.646 | 4.646 | 0.000 | 93 | 246064 | 20.0 | 20.4 | |
| 84 Epichlorohydrin | 57 | 4.675 | 4.675 | 0.000 | 99 | 65681 | 400.0 | 415.3 | |
| 85 2-Nitropropane | 41 | 4.889 | 4.889 | 0.000 | 99 | 19930 | 40.0 | 36.2 | |
| 86 Tetrachloroethene | 166 | 5.054 | 5.054 | 0.000 | 98 | 57588 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.097 | 5.097 | 0.000 | 95 | 160345 | 100.0 | 98.7 | |
| 88 trans-1,3-Dichloropropene | 75 | 5.133 | 5.133 | 0.000 | 94 | 79548 | 20.0 | 20.2 | |
| 89 1,1,2-Trichloroethane | 83 | 5.298 | 5.298 | 0.000 | 96 | 38658 | 20.0 | 20.5 | |
| 90 Ethyl methacrylate | 69 | 5.391 | 5.391 | 0.000 | 88 | 49584 | 20.0 | 19.9 | |
| 91 Chlorodibromomethane | 129 | 5.491 | 5.491 | 0.000 | 98 | 51491 | 20.0 | 20.0 | |
| 92 1,3-Dichloropropane | 76 | 5.599 | 5.599 | 0.000 | 94 | 80748 | 20.0 | 20.2 | |
| 93 Ethylene Dibromide | 107 | 5.720 | 5.720 | 0.000 | 99 | 46837 | 20.0 | 21.3 | |
| 94 n-Butyl acetate | 43 | 6.086 | 6.086 | 0.000 | 98 | 47006 | 20.0 | 19.7 | |
| 95 2-Hexanone | 43 | 6.136 | 6.136 | 0.000 | 94 | 106936 | 100.0 | 98.4 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 87 | 357461 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.415 | 6.415 | 0.000 | 95 | 149130 | 20.0 | 19.8 | |
| 98 Ethylbenzene | 106 | 6.501 | 6.501 | 0.000 | 98 | 79601 | 20.0 | 19.7 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.530 | 6.530 | 0.000 | 96 | 55305 | 20.0 | 19.8 | |
| 100 m-Xylene & p-Xylene | 106 | 6.716 | 6.716 | 0.000 | 0 | 103999 | 20.0 | 21.2 | |
| 101 o-Xylene | 106 | 7.289 | 7.289 | 0.000 | 94 | 104622 | 20.0 | 21.7 | |
| 102 Bromoform | 173 | 7.346 | 7.346 | 0.000 | 95 | 33347 | 20.0 | 20.8 | |
| 103 Styrene | 104 | 7.375 | 7.375 | 0.000 | 95 | 181820 | 20.0 | 22.1 | |
| 104 n-Butyl acrylate | 73 | 7.719 | 7.719 | 0.000 | 97 | 36328 | 20.0 | 21.9 | |
| 105 Isopropylbenzene | 105 | 7.769 | 7.769 | 0.000 | 95 | 271062 | 20.0 | 21.8 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.127 | 8.127 | 0.000 | 90 | 79860 | 20.0 | 19.5 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 89 | 159859 | 50.0 | 54.2 | |
| 108 Bromobenzene | 156 | 8.227 | 8.227 | 0.000 | 98 | 70317 | 20.0 | 19.6 | |
| 109 N-Propylbenzene | 91 | 8.392 | 8.392 | 0.000 | 99 | 330866 | 20.0 | 20.2 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.543 | 8.543 | 0.000 | 96 | 57396 | 20.0 | 18.7 | |
| 111 2-Chlorotoluene | 91 | 8.550 | 8.550 | 0.000 | 97 | 229770 | 20.0 | 20.0 | |
| 172 4-Ethyltoluene | 105 | 8.578 | 8.578 | 0.000 | 99 | 277567 | 20.0 | 20.1 | |
| 113 1,2,3-Trichloropropane | 110 | 8.664 | 8.664 | 0.000 | 98 | 16082 | 20.0 | 18.5 | |
| 114 1,3,5-Trimethylbenzene | 105 | 8.736 | 8.736 | 0.000 | 93 | 233534 | 20.0 | 20.1 | |
| 115 trans-1,4-Dichloro-2-butene | 53 | 8.800 | 8.800 | 0.000 | 92 | 14338 | 20.0 | 17.8 | |
| 116 4-Chlorotoluene | 91 | 8.815 | 8.815 | 0.000 | 98 | 212431 | 20.0 | 20.4 | |
| 117 tert-Butylbenzene | 119 | 9.194 | 9.194 | 0.000 | 94 | 190172 | 20.0 | 19.9 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.323 | 9.323 | 0.000 | 98 | 236870 | 20.0 | 19.7 | |
| 119 Butyl Methacrylate | 87 | 9.345 | 9.345 | 0.000 | 90 | 80390 | 20.0 | 19.2 | |
| 120 sec-Butylbenzene | 105 | 9.481 | 9.481 | 0.000 | 99 | 283096 | 20.0 | 20.4 | |
| 121 1,3-Dichlorobenzene | 146 | 9.725 | 9.725 | 0.000 | 96 | 133141 | 20.0 | 20.0 | |
| 122 4-Isopropyltoluene | 119 | 9.760 | 9.760 | 0.000 | 98 | 247645 | 20.0 | 20.4 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 96 | 217470 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.882 | 9.882 | 0.000 | 95 | 138351 | 20.0 | 19.7 | |
| 125 1,2,3-Trimethylbenzene | 105 | 9.997 | 9.997 | 0.000 | 99 | 254558 | 20.0 | 20.3 | |
| 165 2,3-Dihydroindene | 117 | 10.161 | 10.161 | 0.000 | 0 | 242440 | 20.0 | 19.6 | |
| 127 Benzyl chloride | 126 | 10.341 | 10.341 | 0.000 | 98 | 27417 | 20.0 | 19.5 | |
| 167 p-Diethylbenzene | 119 | 10.369 | 10.369 | 0.000 | 93 | 124024 | 20.0 | 20.2 | |
| 129 n-Butylbenzene | 91 | 10.448 | 10.448 | 0.000 | 98 | 226783 | 20.0 | 20.2 | |
| 130 1,2-Dichlorobenzene | 146 | 10.541 | 10.541 | 0.000 | 96 | 125549 | 20.0 | 20.3 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.651 | 11.651 | 0.000 | 97 | 230164 | 20.0 | 19.9 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.795 | 11.795 | 0.000 | 95 | 10846 | 20.0 | 19.1 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.845 | 11.845 | 0.000 | 96 | 95412 | 20.0 | 20.9 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.583 | 12.583 | 0.000 | 94 | 78013 | 20.0 | 20.2 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 96 | 31199 | 20.0 | 20.7 | |
| 136 Naphthalene | 128 | 12.898 | 12.898 | 0.000 | 99 | 153815 | 20.0 | 20.0 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.077 | 13.077 | 0.000 | 96 | 55726 | 20.0 | 20.4 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 38.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 140 Xylenes, Total | 100 | | | | 0 | | 40.0 | 42.9 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00130 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 20.00 | Units: uL | |
| GASES Li_00438 | Amount Added: | 20.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 14-Sep-2021 09:09:51 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93055.D

Injection Date: 12-Sep-2021 12:34:30 Instrument ID: CVOAMS13 Operator ID:

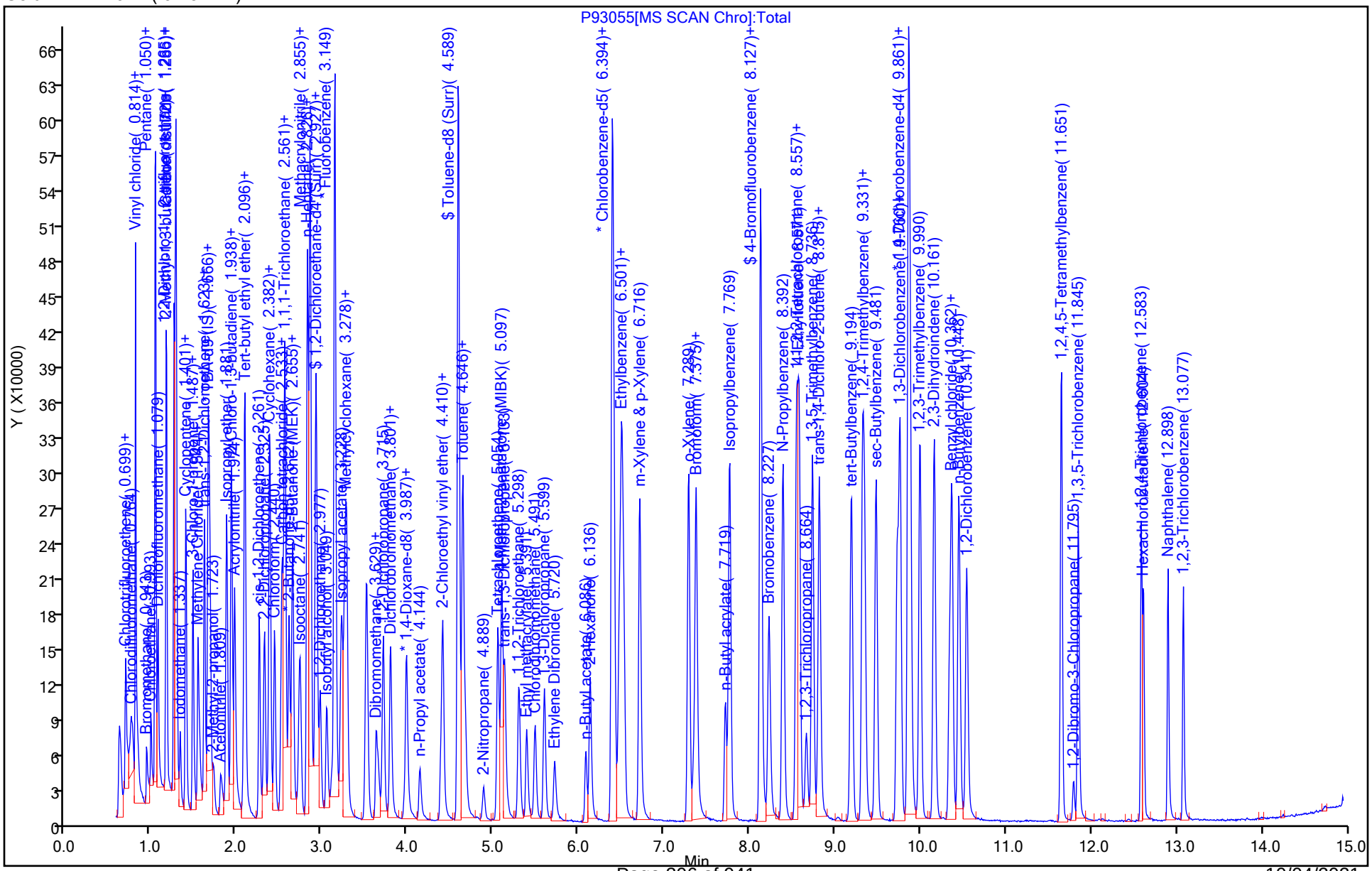
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

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

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

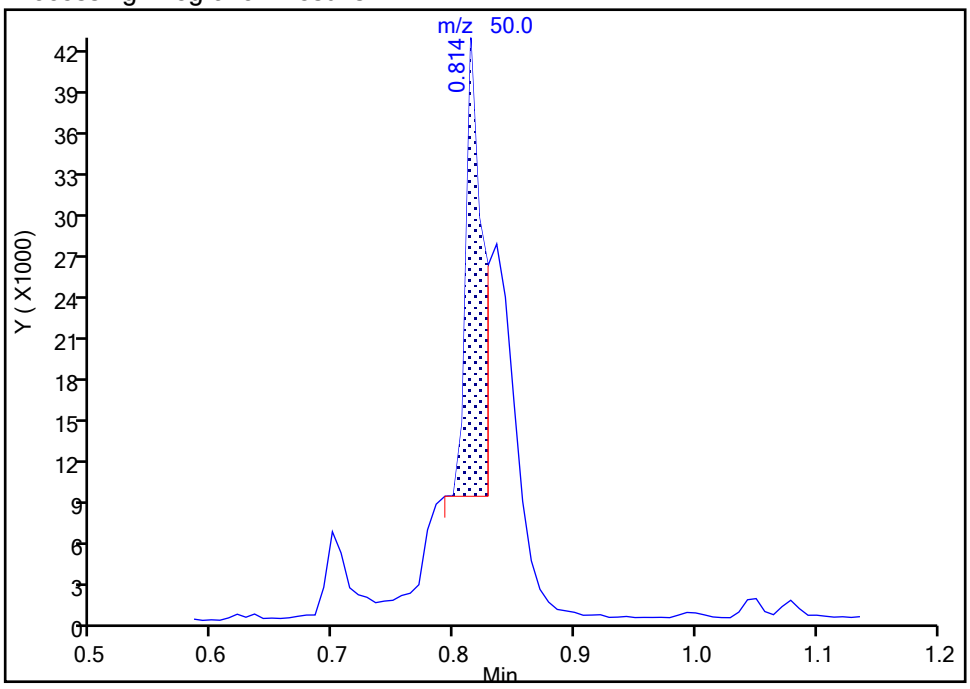
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93055.D
Injection Date: 12-Sep-2021 12:34:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

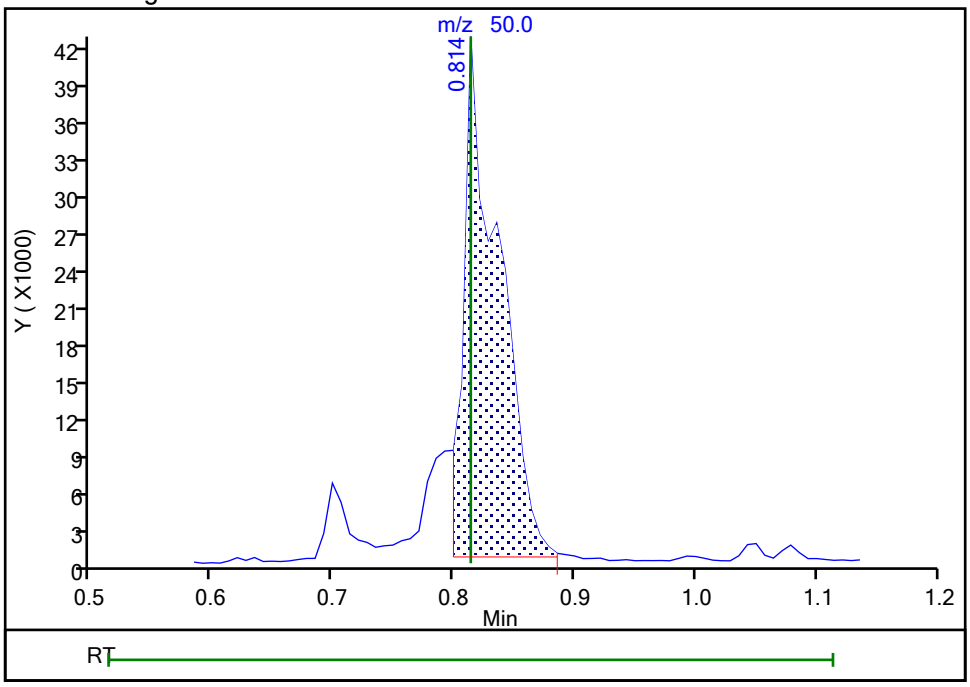
Processing Integration Results

RT: 0.81
Area: 32557
Amount: 6.507602
Amount Units: ug/l




Manual Integration Results

RT: 0.81
Area: 85231
Amount: 19.800177
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 16:56:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

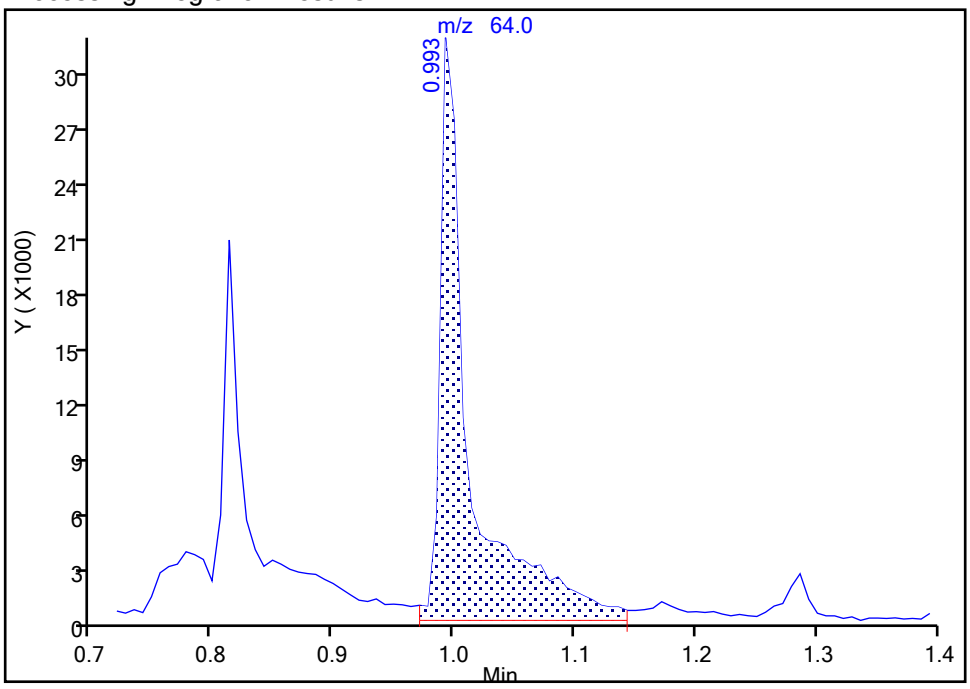
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93055.D
Injection Date: 12-Sep-2021 12:34:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Signal: 1

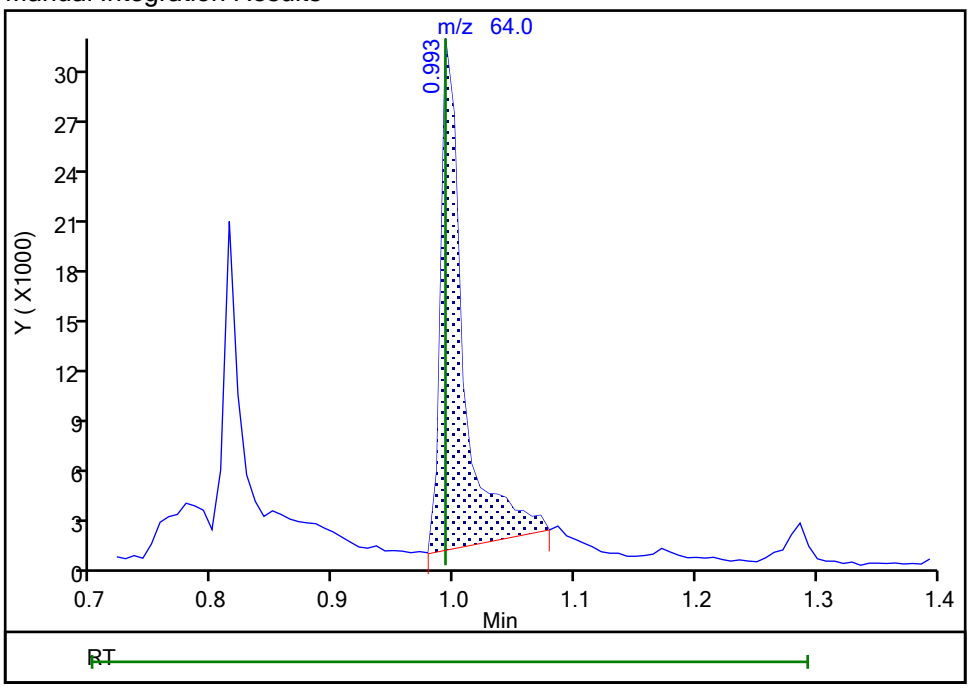
Processing Integration Results

RT: 0.99
Area: 54560
Amount: 24.578975
Amount Units: ug/l




Manual Integration Results

RT: 0.99
Area: 40336
Amount: 21.902783
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:23:10
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

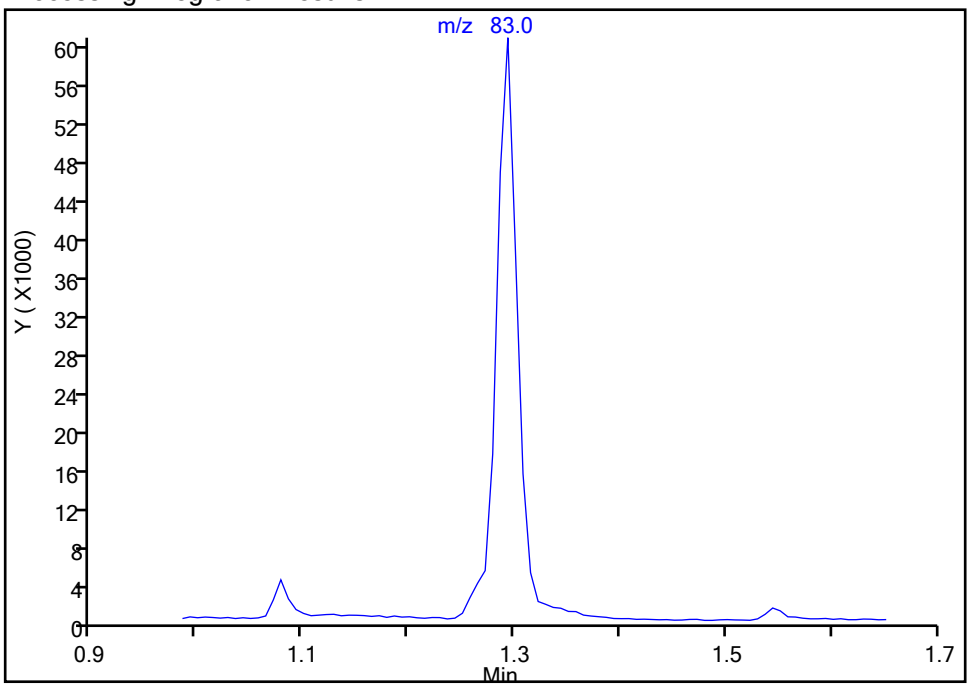
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93055.D
Injection Date: 12-Sep-2021 12:34:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 174 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

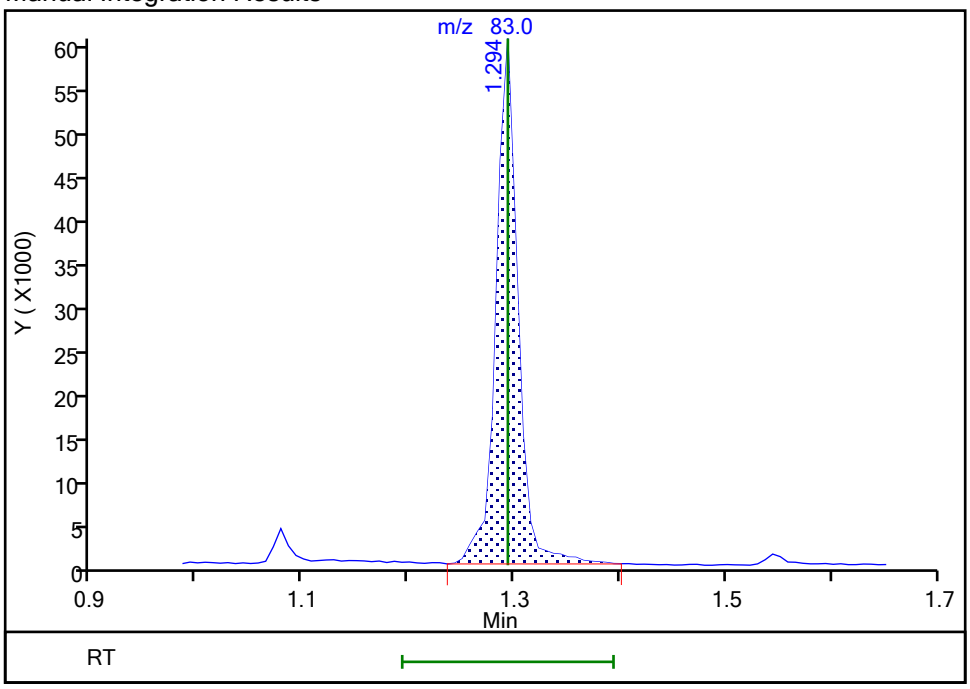
Not Detected
Expected RT: 1.29

Processing Integration Results




Manual Integration Results

RT: 1.29
Area: 87245
Amount: 19.915719
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 16:57:11
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

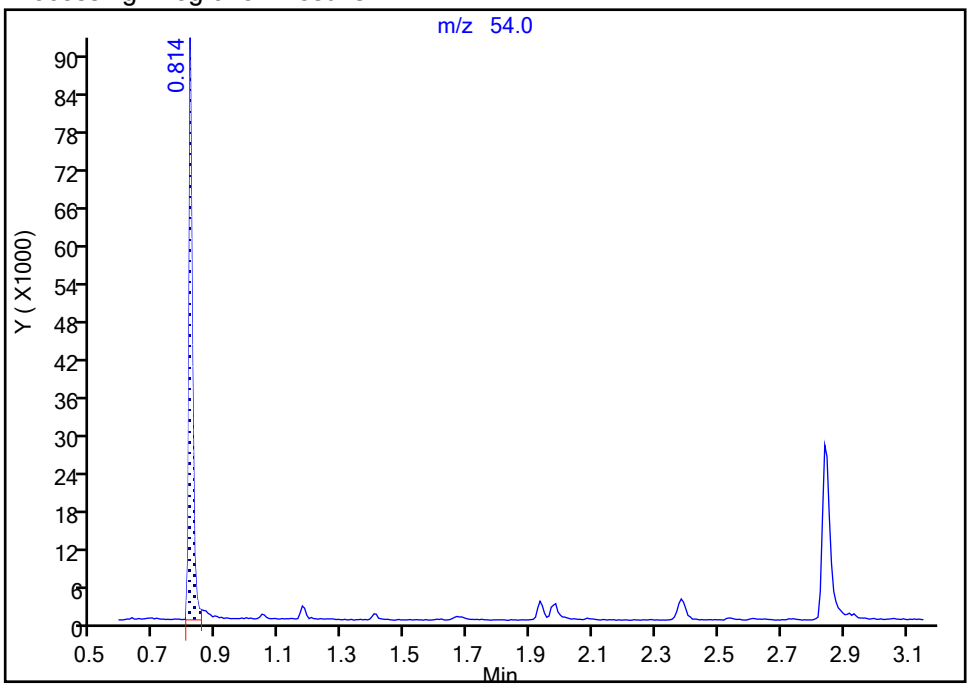
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93055.D
Injection Date: 12-Sep-2021 12:34:30 Instrument ID: CVOAMS13
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 59 Propionitrile, CAS: 107-12-0

Signal: 1

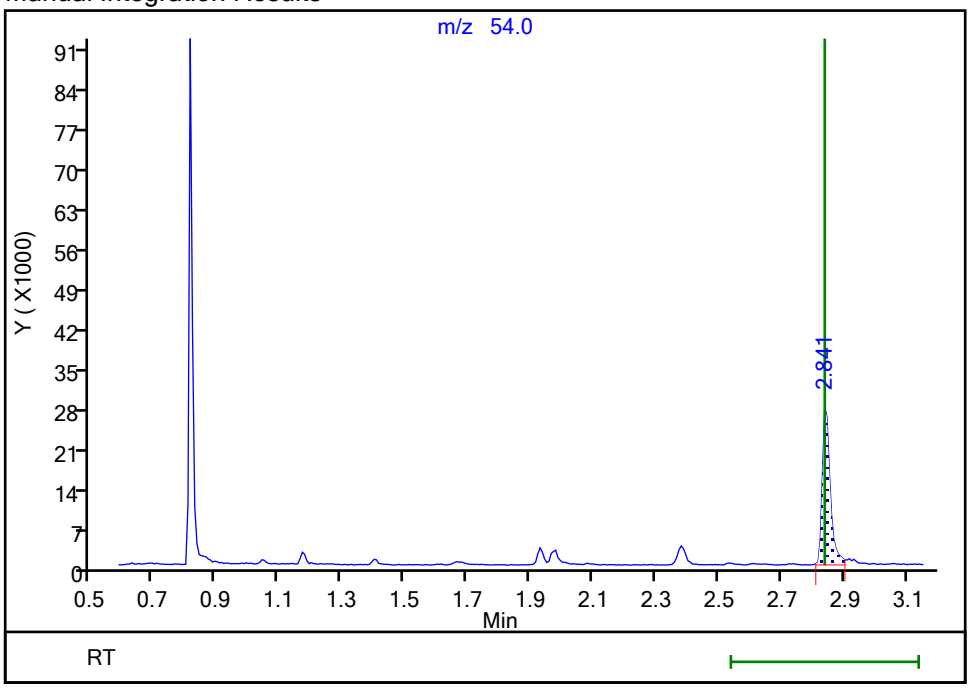
Processing Integration Results

RT: 0.81
Area: 69487
Amount: 229.5468
Amount Units: ug/l




Manual Integration Results

RT: 2.84
Area: 48870
Amount: 195.5508
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 16:55:38
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93056.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 12-Sep-2021 12:59:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0134419-007
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2021 09:09:58 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: boykink Date: 12-Sep-2021 14:04:53

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.692 | 0.692 | 0.000 | 89 | 44915 | 50.0 | 43.4 | |
| 3 Dichlorodifluoromethane | 85 | 0.699 | 0.699 | 0.000 | 99 | 156555 | 50.0 | 40.8 | |
| 168 Chlorodifluoromethane | 51 | 0.771 | 0.771 | 0.000 | 96 | 243238 | 50.0 | 48.5 | |
| 6 Chloromethane | 50 | 0.814 | 0.814 | 0.000 | 99 | 185549 | 50.0 | 43.8 | M |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 99 | 167799 | 50.0 | 43.5 | |
| 175 Butadiene | 54 | 0.814 | 0.814 | 0.000 | 98 | 149235 | 50.0 | 41.0 | |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 99 | 86575 | 50.0 | 46.2 | |
| 10 Chloroethane | 64 | 0.993 | 0.993 | 0.000 | 99 | 70621 | 50.0 | 38.9 | M |
| 12 Trichlorofluoromethane | 101 | 1.050 | 1.050 | 0.000 | 97 | 184514 | 50.0 | 43.6 | |
| 11 Pentane | 72 | 1.043 | 1.043 | 0.000 | 97 | 37501 | 100.0 | 87.0 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 99 | 195721 | 50.0 | 46.7 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.172 | 1.172 | 0.000 | 96 | 239314 | 50.0 | 45.2 | |
| 15 Ethyl ether | 59 | 1.179 | 1.179 | 0.000 | 96 | 108947 | 50.0 | 48.1 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.265 | 1.265 | 0.000 | 85 | 51244 | 50.0 | 45.9 | |
| 17 1,1-Dichloroethene | 96 | 1.265 | 1.265 | 0.000 | 99 | 119821 | 50.0 | 44.7 | |
| 16 Ethanol | 46 | 1.286 | 1.286 | 0.000 | 35 | 23026 | 2000.0 | 1739.4 | a |
| 19 Carbon disulfide | 76 | 1.286 | 1.286 | 0.000 | 99 | 488350 | 50.0 | 45.9 | |
| 20 112TCTFE | 101 | 1.286 | 1.286 | 0.000 | 71 | 103053 | 50.0 | 41.3 | |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.294 | 1.294 | 0.000 | 92 | 193411 | 50.0 | 44.8 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 97 | 121426 | 50.0 | 50.9 | |
| 169 Cyclopentene | 67 | 1.401 | 1.401 | 0.000 | 96 | 309560 | 50.0 | 46.2 | |
| 24 Acrolein | 56 | 1.423 | 1.423 | 0.000 | 95 | 16627 | 101.4 | 106.5 | |
| 164 3-Chloro-1-propene | 76 | 1.487 | 1.487 | 0.000 | 46 | 84870 | 50.0 | 49.1 | |
| 26 Isopropyl alcohol | 45 | 1.508 | 1.508 | 0.000 | 98 | 51997 | 500.0 | 484.1 | |
| 27 Methylene Chloride | 84 | 1.544 | 1.544 | 0.000 | 91 | 158016 | 50.0 | 47.2 | |
| 28 Acetone | 43 | 1.566 | 1.566 | 0.000 | 87 | 107270 | 250.0 | 241.8 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.616 | 1.616 | 0.000 | 96 | 144010 | 50.0 | 47.7 | |
| 30 Methyl acetate | 43 | 1.623 | 1.623 | 0.000 | 99 | 136574 | 100.0 | 108.9 | |
| 31 Hexane | 86 | 1.666 | 1.666 | 0.000 | 92 | 32824 | 50.0 | 42.2 | |
| 32 Methyl tert-butyl ether | 73 | 1.673 | 1.673 | 0.000 | 95 | 361644 | 50.0 | 48.5 | |

| 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 | 1.688 | 1.688 | 0.000 | 99 | 139969 | 1000.0 | 1000.0 | |
| 34 2-Methyl-2-propanol | 59 | 1.731 | 1.731 | 0.000 | 98 | 86517 | 500.0 | 501.0 | |
| 35 Acetonitrile | 41 | 1.809 | 1.809 | 0.000 | 99 | 114281 | 500.0 | 483.7 | |
| 36 Isopropyl ether | 45 | 1.881 | 1.881 | 0.000 | 97 | 464270 | 50.0 | 48.9 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 90 | 128869 | 50.0 | 48.9 | |
| 38 1,1-Dichloroethane | 63 | 1.938 | 1.938 | 0.000 | 100 | 267727 | 50.0 | 48.1 | |
| 39 Acrylonitrile | 53 | 1.974 | 1.974 | 0.000 | 93 | 425130 | 500.0 | 518.1 | |
| 40 Tert-butyl ethyl ether | 59 | 2.089 | 2.089 | 0.000 | 88 | 442141 | 50.0 | 49.1 | |
| 41 Vinyl acetate | 43 | 2.096 | 2.096 | 0.000 | 100 | 581440 | 100.0 | 105.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.261 | 2.261 | 0.000 | 98 | 155176 | 50.0 | 47.8 | |
| 43 2,2-Dichloropropane | 97 | 2.325 | 2.325 | 0.000 | 97 | 43584 | 50.0 | 45.7 | |
| 44 Cyclohexane | 56 | 2.382 | 2.382 | 0.000 | 90 | 199057 | 50.0 | 42.7 | |
| 45 Chlorobromomethane | 128 | 2.390 | 2.390 | 0.000 | 92 | 71354 | 50.0 | 47.6 | |
| 46 Chloroform | 83 | 2.440 | 2.440 | 0.000 | 99 | 249576 | 50.0 | 47.6 | |
| 47 Carbon tetrachloride | 117 | 2.526 | 2.526 | 0.000 | 99 | 170190 | 50.0 | 45.4 | |
| 49 Methyl acrylate | 55 | 2.533 | 2.533 | 0.000 | 86 | 91950 | 50.0 | 47.4 | |
| 48 Ethyl acetate | 70 | 2.533 | 2.533 | 0.000 | 99 | 24798 | 100.0 | 94.6 | |
| 50 Tetrahydrofuran | 42 | 2.533 | 2.533 | 0.000 | 93 | 71358 | 100.0 | 97.0 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.561 | 2.561 | 0.000 | 96 | 120647 | 50.0 | 48.4 | |
| 52 1,1,1-Trichloroethane | 97 | 2.561 | 2.561 | 0.000 | 98 | 217492 | 50.0 | 47.1 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 173997 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.647 | 2.647 | 0.000 | 100 | 62761 | 250.0 | 234.3 | |
| 55 1,1-Dichloropropene | 110 | 2.655 | 2.655 | 0.000 | 97 | 69188 | 50.0 | 44.8 | |
| 56 Isooctane | 57 | 2.733 | 2.733 | 0.000 | 99 | 297294 | 50.0 | 44.9 | |
| 58 Benzene | 78 | 2.826 | 2.826 | 0.000 | 96 | 606586 | 50.0 | 50.3 | |
| 57 n-Heptane | 57 | 2.826 | 2.826 | 0.000 | 45 | 74355 | 50.0 | 43.9 | a |
| 59 Propionitrile | 54 | 2.841 | 2.841 | 0.000 | 99 | 140097 | 500.0 | 520.0 | |
| 60 Methacrylonitrile | 67 | 2.855 | 2.855 | 0.000 | 91 | 444511 | 500.0 | 509.1 | a |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.927 | 0.000 | 0 | 131610 | 50.0 | 47.9 | |
| 62 Tert-amyl methyl ether | 73 | 2.934 | 2.934 | 0.000 | 98 | 379040 | 50.0 | 49.1 | |
| 63 1,2-Dichloroethane | 62 | 2.977 | 2.977 | 0.000 | 98 | 172893 | 50.0 | 47.0 | |
| 64 Isobutyl alcohol | 43 | 3.049 | 3.049 | 0.000 | 90 | 95394 | 1250.0 | 1282.5 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.149 | 0.000 | 99 | 535325 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.213 | 3.213 | 0.000 | 99 | 204680 | 50.0 | 50.0 | |
| 68 Methylcyclohexane | 83 | 3.263 | 3.263 | 0.000 | 95 | 192185 | 50.0 | 43.7 | |
| 69 Trichloroethene | 130 | 3.285 | 3.285 | 0.000 | 99 | 151509 | 50.0 | 48.6 | |
| 71 Dibromomethane | 93 | 3.629 | 3.629 | 0.000 | 97 | 82238 | 50.0 | 48.6 | |
| 72 n-Butanol | 56 | 3.650 | 3.650 | 0.000 | 90 | 61928 | 1250.0 | 1238.0 | |
| 73 1,2-Dichloropropane | 63 | 3.715 | 3.715 | 0.000 | 92 | 154090 | 50.0 | 47.9 | |
| 75 Dichlorobromomethane | 83 | 3.794 | 3.794 | 0.000 | 99 | 192764 | 50.0 | 49.5 | |
| 74 Ethyl acrylate | 55 | 3.794 | 3.794 | 0.000 | 71 | 128170 | 50.0 | 48.9 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.958 | 3.958 | 0.000 | 95 | 19767 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 3.980 | 3.980 | 0.000 | 91 | 57916 | 100.0 | 98.2 | |
| 78 1,4-Dioxane | 88 | 3.987 | 3.987 | 0.000 | 94 | 22822 | 1000.0 | 918.5 | |
| 79 n-Propyl acetate | 43 | 4.137 | 4.137 | 0.000 | 99 | 131953 | 50.0 | 51.0 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.381 | 4.381 | 0.000 | 97 | 75155 | 50.1 | 50.9 | |
| 81 cis-1,3-Dichloropropene | 75 | 4.410 | 4.410 | 0.000 | 93 | 238477 | 50.0 | 50.2 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.589 | 4.589 | 0.000 | 99 | 456882 | 50.0 | 50.2 | |
| 83 Toluene | 91 | 4.646 | 4.646 | 0.000 | 93 | 584160 | 50.0 | 48.5 | |
| 84 Epichlorohydrin | 57 | 4.675 | 4.675 | 0.000 | 99 | 162761 | 1000.0 | 998.6 | |
| 85 2-Nitropropane | 41 | 4.882 | 4.882 | 0.000 | 96 | 48266 | 100.0 | 89.0 | |
| 86 Tetrachloroethene | 166 | 5.054 | 5.054 | 0.000 | 98 | 137954 | 50.0 | 48.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.097 | 5.097 | 0.000 | 96 | 416006 | 250.0 | 249.8 | |
| 88 trans-1,3-Dichloropropene | 75 | 5.133 | 5.133 | 0.000 | 94 | 203365 | 50.0 | 51.7 | |
| 89 1,1,2-Trichloroethane | 83 | 5.298 | 5.298 | 0.000 | 96 | 94985 | 50.0 | 50.4 | |
| 90 Ethyl methacrylate | 69 | 5.391 | 5.391 | 0.000 | 89 | 132266 | 50.0 | 53.9 | |
| 91 Chlorodibromomethane | 129 | 5.491 | 5.491 | 0.000 | 98 | 128034 | 50.0 | 49.7 | |
| 92 1,3-Dichloropropane | 76 | 5.599 | 5.599 | 0.000 | 95 | 196032 | 50.0 | 49.1 | |
| 93 Ethylene Dibromide | 107 | 5.713 | 5.713 | 0.000 | 98 | 113178 | 50.0 | 51.6 | |
| 94 n-Butyl acetate | 43 | 6.079 | 6.079 | 0.000 | 99 | 125469 | 50.0 | 52.7 | |
| 95 2-Hexanone | 43 | 6.129 | 6.129 | 0.000 | 94 | 285778 | 250.0 | 256.5 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 86 | 357334 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.415 | 6.415 | 0.000 | 94 | 367520 | 50.0 | 48.8 | |
| 98 Ethylbenzene | 106 | 6.501 | 6.501 | 0.000 | 98 | 193107 | 50.0 | 47.8 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.523 | 6.523 | 0.000 | 95 | 137792 | 50.0 | 49.5 | |
| 100 m-Xylene & p-Xylene | 106 | 6.709 | 6.709 | 0.000 | 0 | 244716 | 50.0 | 50.0 | |
| 101 o-Xylene | 106 | 7.282 | 7.282 | 0.000 | 94 | 241428 | 50.0 | 50.0 | |
| 102 Bromoform | 173 | 7.346 | 7.346 | 0.000 | 96 | 82873 | 50.0 | 51.7 | |
| 103 Styrene | 104 | 7.375 | 7.375 | 0.000 | 95 | 422153 | 50.0 | 51.3 | |
| 104 n-Butyl acrylate | 73 | 7.712 | 7.712 | 0.000 | 97 | 87135 | 50.0 | 52.5 | |
| 105 Isopropylbenzene | 105 | 7.762 | 7.762 | 0.000 | 96 | 613248 | 50.0 | 49.3 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.127 | 8.127 | 0.000 | 89 | 190951 | 50.0 | 49.0 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 87 | 148958 | 50.0 | 50.6 | |
| 108 Bromobenzene | 156 | 8.227 | 8.227 | 0.000 | 97 | 162458 | 50.0 | 47.8 | |
| 109 N-Propylbenzene | 91 | 8.392 | 8.392 | 0.000 | 99 | 753289 | 50.0 | 48.5 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.543 | 8.543 | 0.000 | 97 | 135612 | 50.0 | 46.5 | |
| 111 2-Chlorotoluene | 91 | 8.550 | 8.550 | 0.000 | 97 | 526418 | 50.0 | 48.2 | |
| 172 4-Ethyltoluene | 105 | 8.578 | 8.578 | 0.000 | 99 | 626799 | 50.0 | 47.9 | |
| 113 1,2,3-Trichloropropane | 110 | 8.664 | 8.664 | 0.000 | 98 | 36389 | 50.0 | 44.0 | |
| 114 1,3,5-Trimethylbenzene | 105 | 8.736 | 8.736 | 0.000 | 93 | 529518 | 50.0 | 48.1 | |
| 115 trans-1,4-Dichloro-2-butene | 53 | 8.793 | 8.793 | 0.000 | 92 | 36165 | 50.0 | 47.4 | |
| 116 4-Chlorotoluene | 91 | 8.815 | 8.815 | 0.000 | 98 | 489189 | 50.0 | 49.5 | a |
| 117 tert-Butylbenzene | 119 | 9.187 | 9.187 | 0.000 | 94 | 428792 | 50.0 | 47.2 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.323 | 9.323 | 0.000 | 97 | 548869 | 50.0 | 48.2 | |
| 119 Butyl Methacrylate | 87 | 9.345 | 9.345 | 0.000 | 90 | 189360 | 50.0 | 47.7 | |
| 120 sec-Butylbenzene | 105 | 9.481 | 9.481 | 0.000 | 99 | 626412 | 50.0 | 47.7 | |
| 121 1,3-Dichlorobenzene | 146 | 9.725 | 9.725 | 0.000 | 96 | 313249 | 50.0 | 49.7 | |
| 122 4-Isopropyltoluene | 119 | 9.760 | 9.760 | 0.000 | 97 | 549065 | 50.0 | 47.6 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 95 | 206446 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.882 | 9.882 | 0.000 | 94 | 333696 | 50.0 | 50.1 | |
| 125 1,2,3-Trimethylbenzene | 105 | 9.990 | 9.990 | 0.000 | 98 | 610807 | 50.0 | 51.3 | |
| 165 2,3-Dihydroindene | 117 | 10.161 | 10.161 | 0.000 | 0 | 587674 | 50.0 | 50.0 | |
| 127 Benzyl chloride | 126 | 10.333 | 10.333 | 0.000 | 98 | 68694 | 50.0 | 51.6 | |
| 167 p-Diethylbenzene | 119 | 10.369 | 10.369 | 0.000 | 93 | 295894 | 50.0 | 50.8 | |
| 129 n-Butylbenzene | 91 | 10.448 | 10.448 | 0.000 | 98 | 526989 | 50.0 | 49.4 | |
| 130 1,2-Dichlorobenzene | 146 | 10.541 | 10.541 | 0.000 | 96 | 301410 | 50.0 | 51.4 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.644 | 11.644 | 0.000 | 97 | 555826 | 50.0 | 50.7 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.787 | 11.787 | 0.000 | 95 | 27843 | 50.0 | 51.8 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.845 | 11.845 | 0.000 | 98 | 229046 | 50.0 | 53.0 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.583 | 12.583 | 0.000 | 94 | 193493 | 50.0 | 52.8 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 96 | 71741 | 50.0 | 50.2 | |
| 136 Naphthalene | 128 | 12.891 | 12.891 | 0.000 | 99 | 386300 | 50.0 | 52.9 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.077 | 13.077 | 0.000 | 96 | 136063 | 50.0 | 52.5 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 95.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 140 Xylenes, Total | 100 | | | | 0 | | 100.0 | 100.0 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00130 | Amount Added: | 10.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 50.00 | Units: uL | |
| GASES Li_00438 | Amount Added: | 50.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 50.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 14-Sep-2021 09:09:59 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93056.D

Injection Date: 12-Sep-2021 12:59:30 Instrument ID: CVOAMS13 Operator ID:

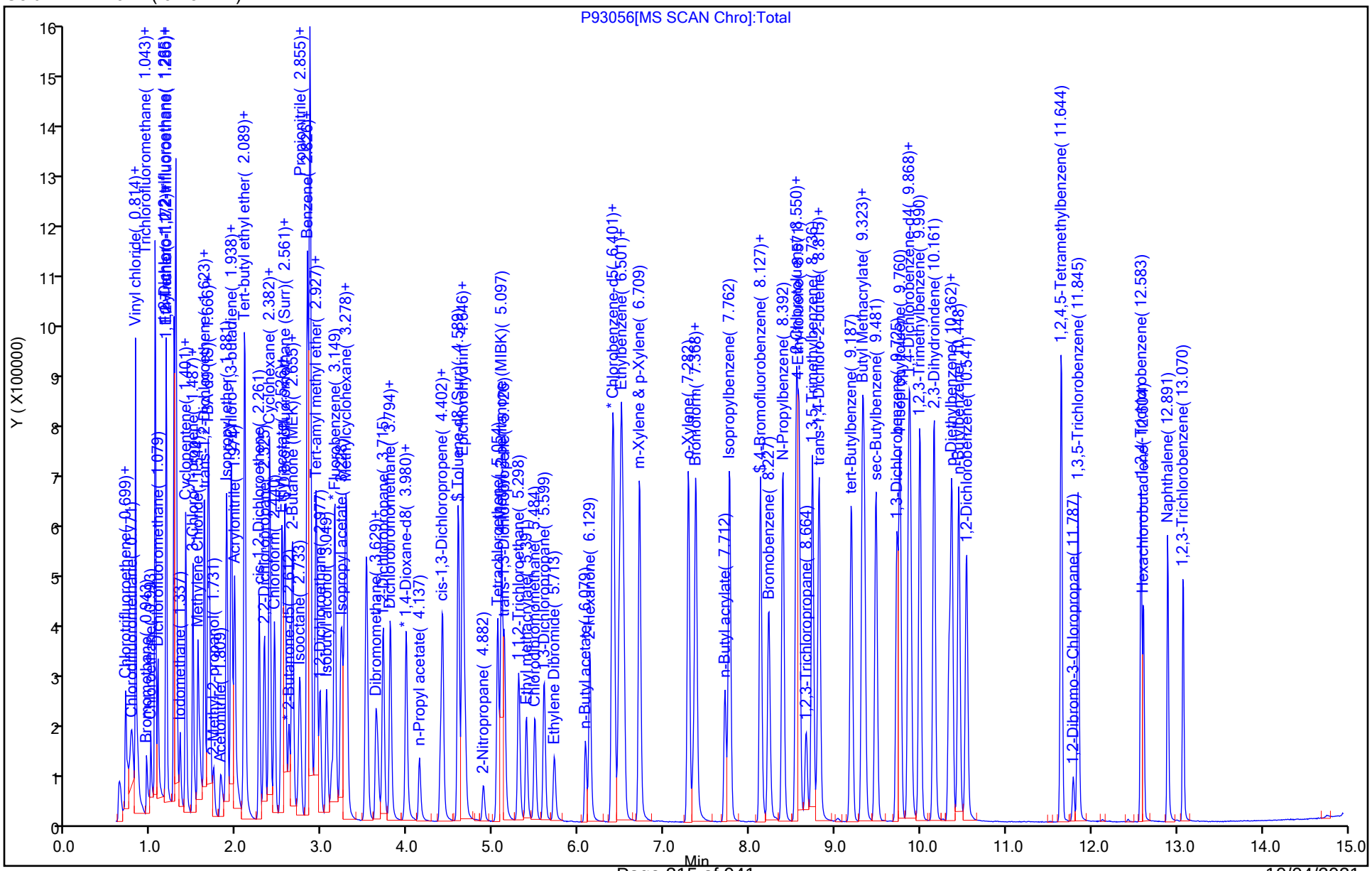
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

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

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

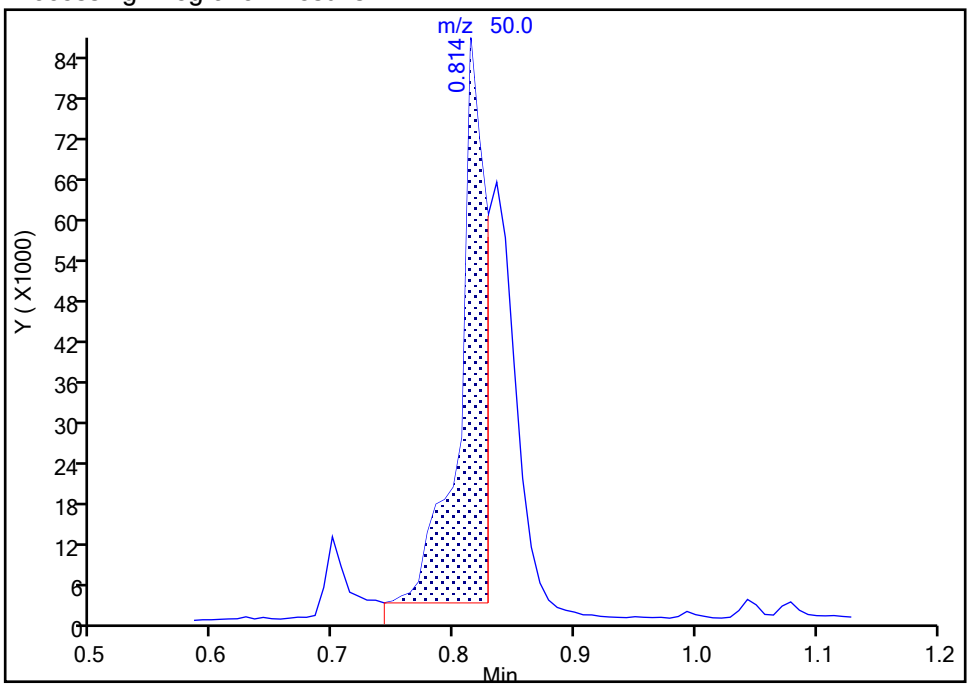
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93056.D
Injection Date: 12-Sep-2021 12:59:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

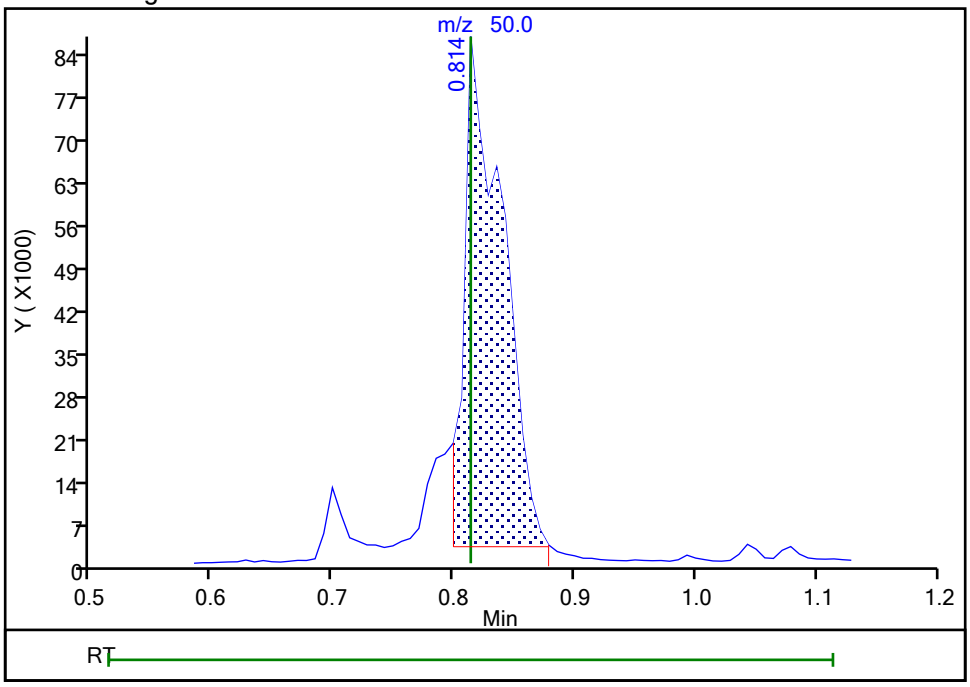
Processing Integration Results

RT: 0.81
Area: 127808
Amount: 25.540078
Amount Units: ug/l




Manual Integration Results

RT: 0.81
Area: 185549
Amount: 43.765924
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:21:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

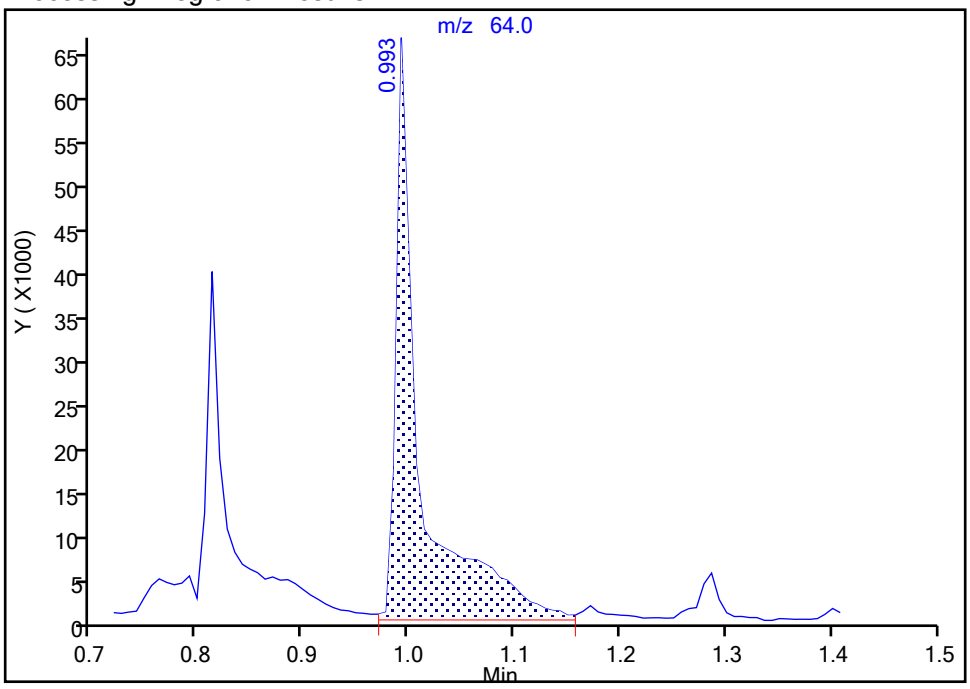
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93056.D
Injection Date: 12-Sep-2021 12:59:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Signal: 1

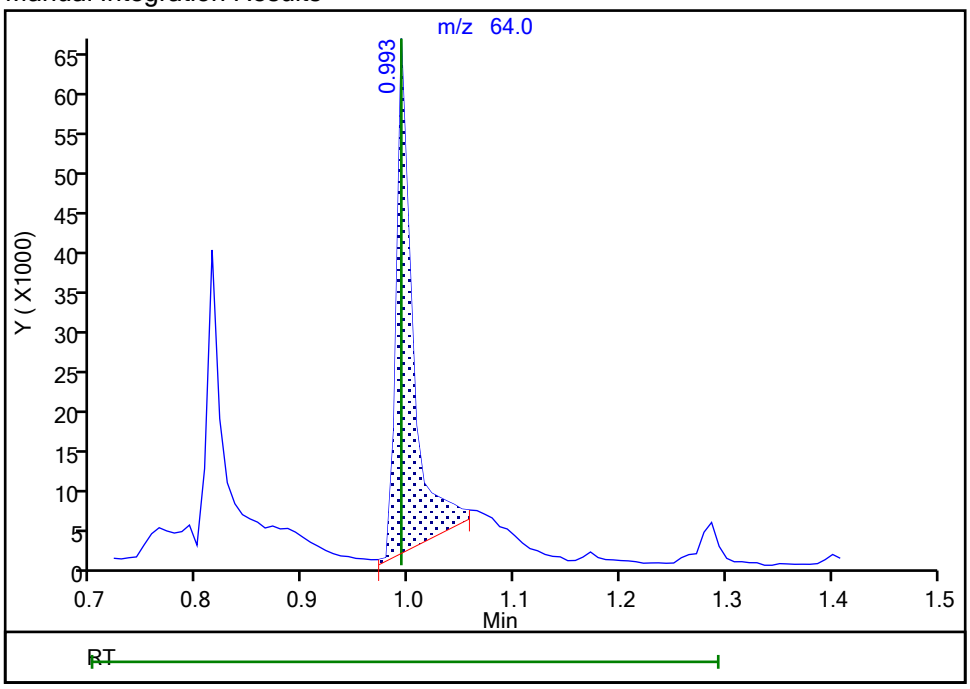
Processing Integration Results

RT: 0.99
Area: 105414
Amount: 50.936202
Amount Units: ug/l




Manual Integration Results

RT: 0.99
Area: 70621
Amount: 38.935551
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:23:48
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

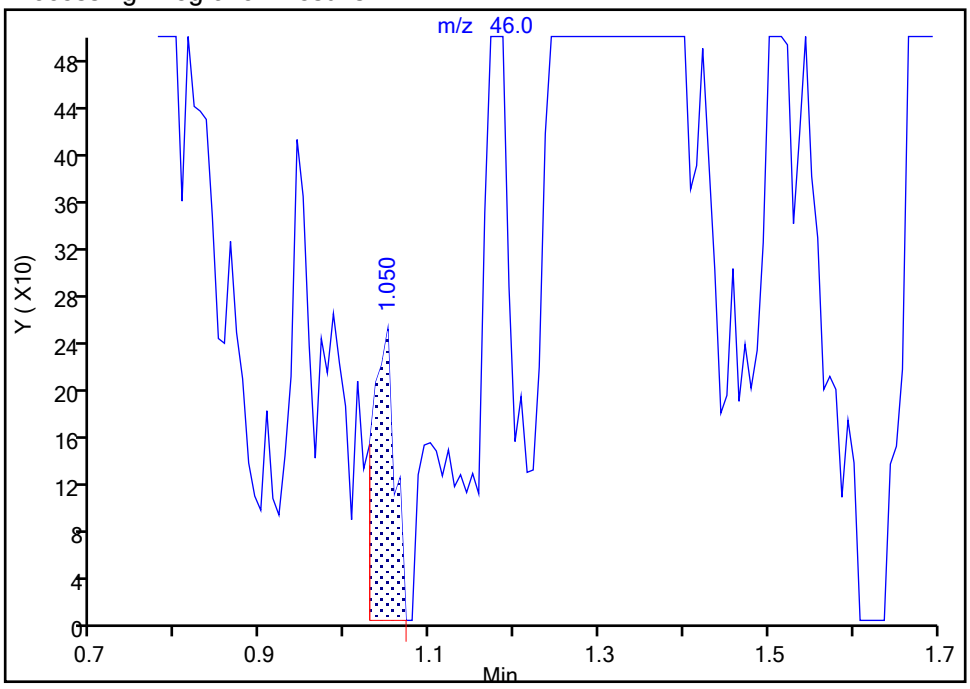
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93056.D
Injection Date: 12-Sep-2021 12:59:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 Ethanol, CAS: 64-17-5

Signal: 1

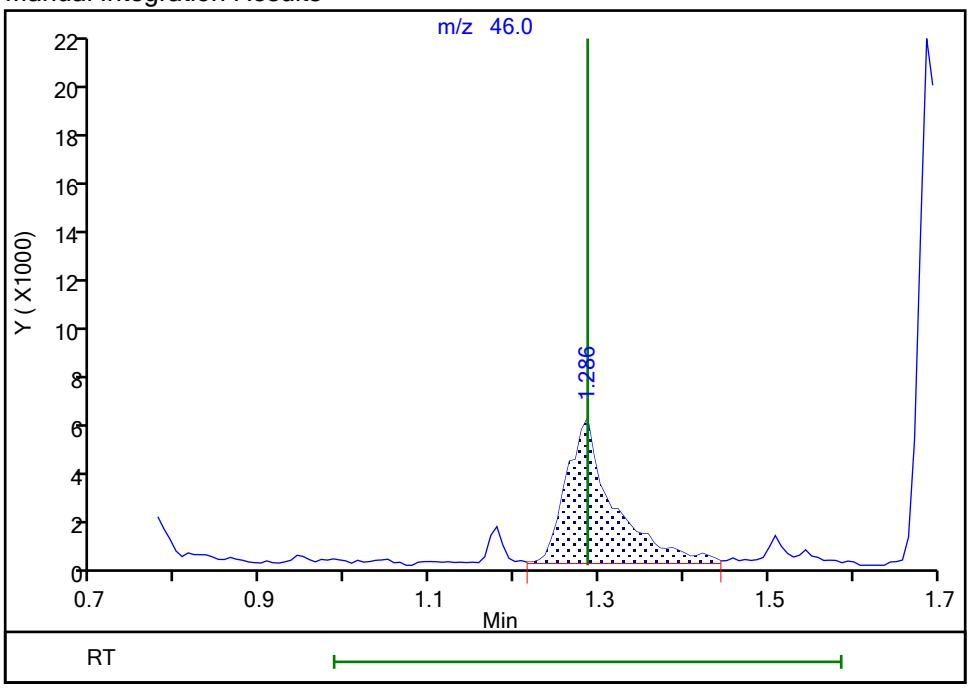
Processing Integration Results

RT: 1.05
Area: 445
Amount: 59.588192
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 23026
Amount: 1739.4490
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:21:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

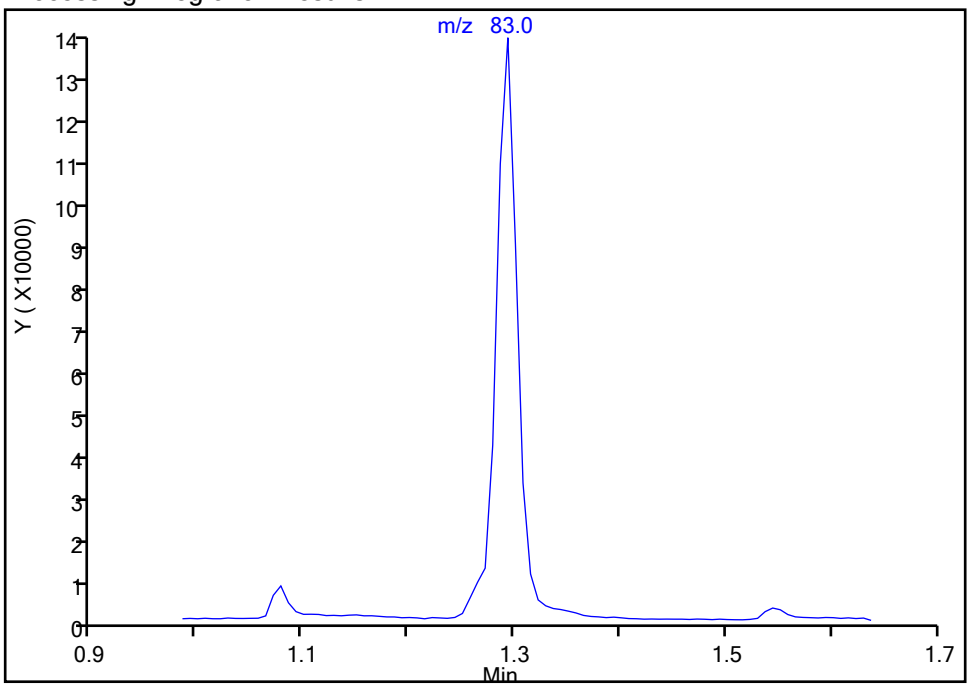
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93056.D
Injection Date: 12-Sep-2021 12:59:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 174 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

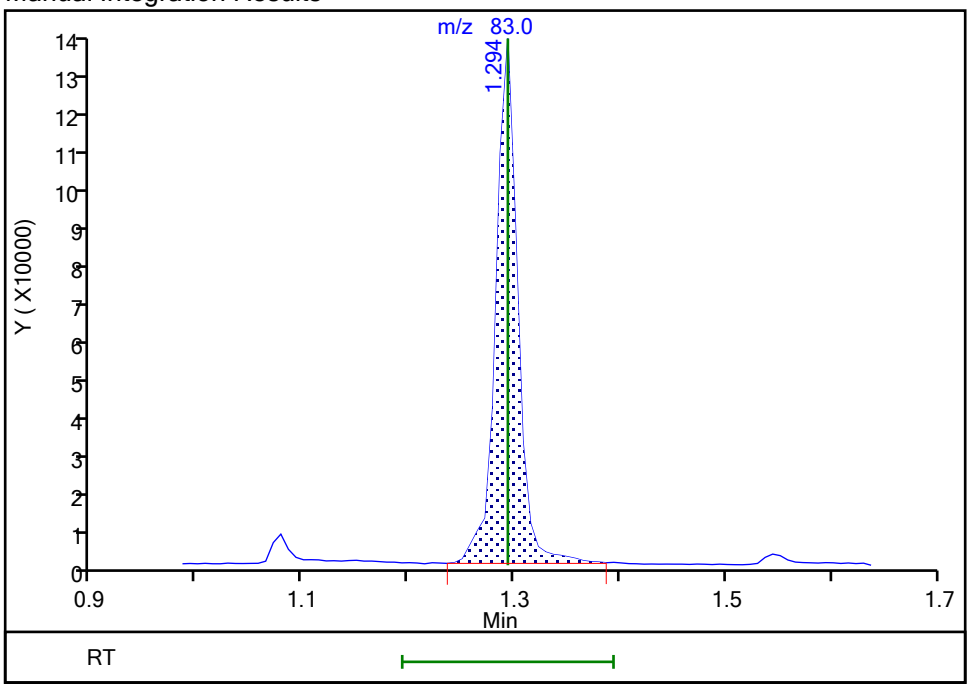
Not Detected
Expected RT: 1.29

Processing Integration Results




Manual Integration Results

RT: 1.29
Area: 193411
Amount: 44.827302
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:21:33
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

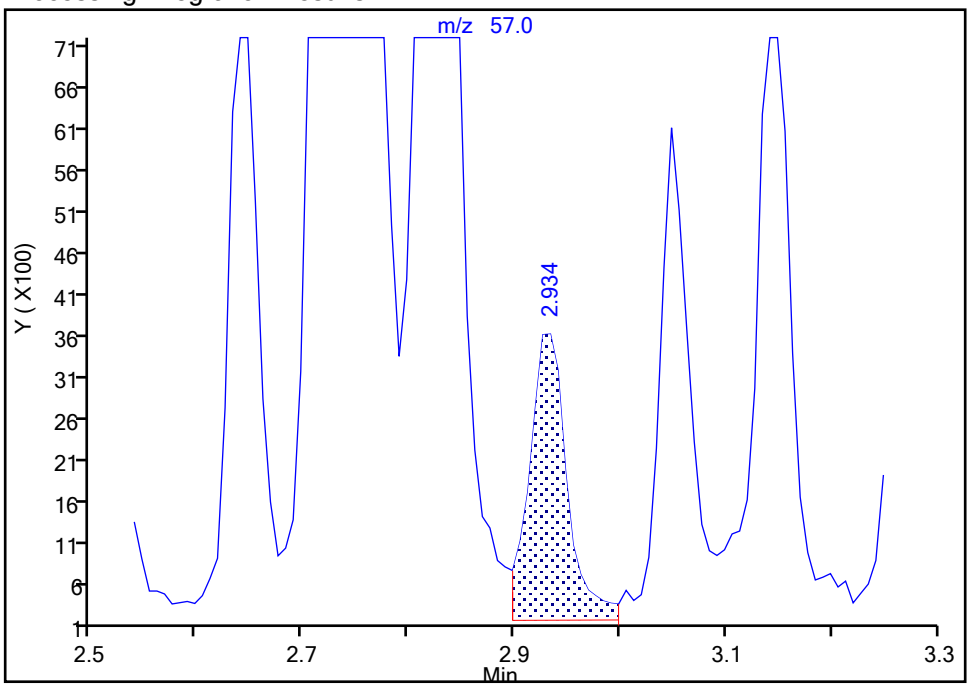
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93056.D
Injection Date: 12-Sep-2021 12:59:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 57 n-Heptane, CAS: 142-82-5

Signal: 1

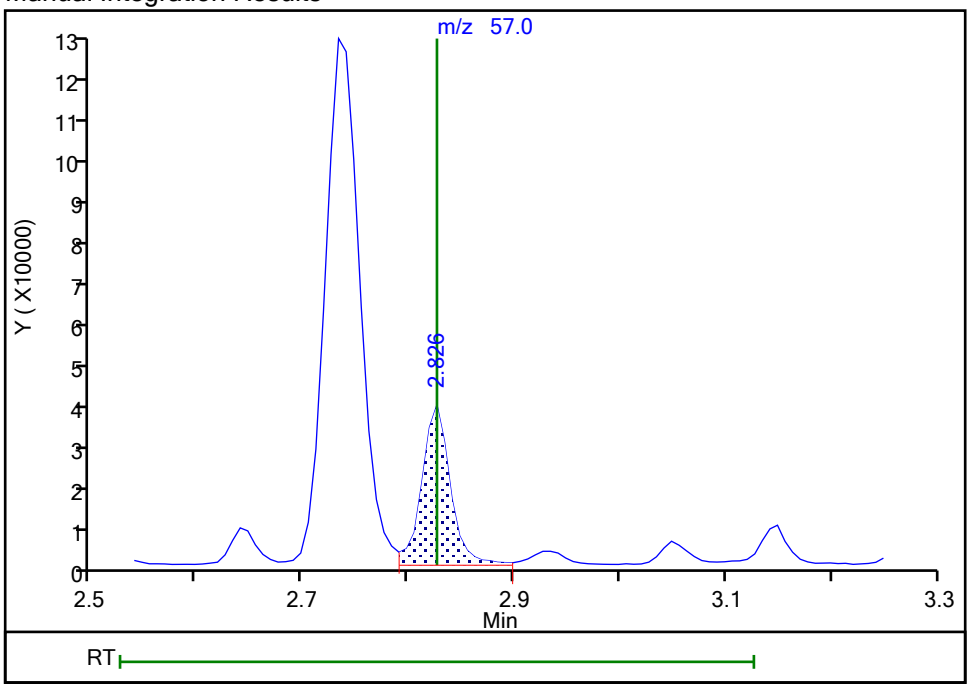
Processing Integration Results

RT: 2.93
Area: 8591
Amount: 5.822220
Amount Units: ug/l




Manual Integration Results

RT: 2.83
Area: 74355
Amount: 43.873282
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:21:51
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

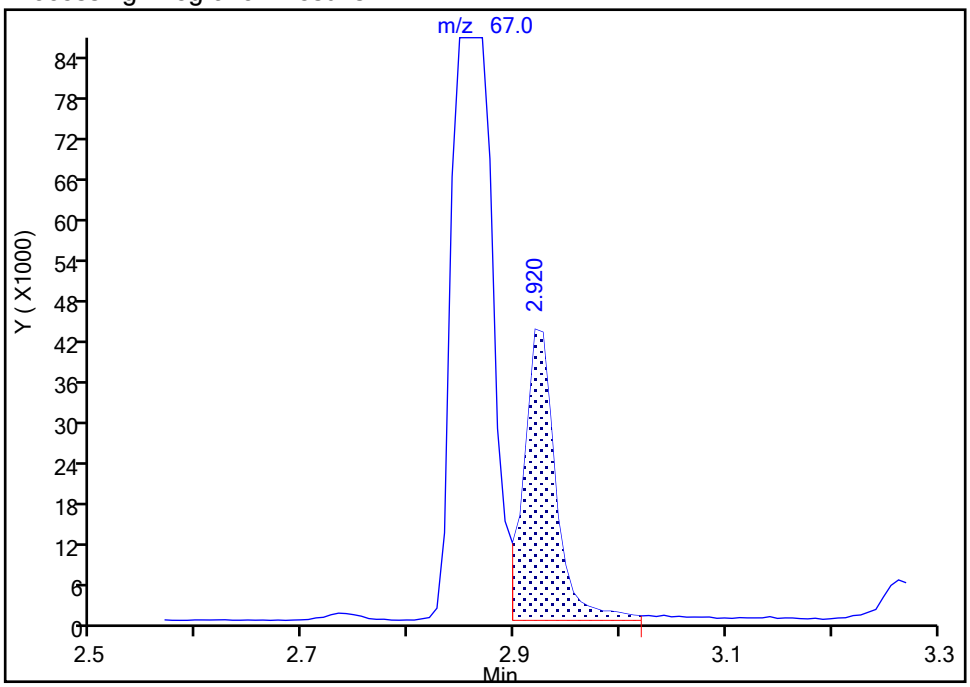
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93056.D
Injection Date: 12-Sep-2021 12:59:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 60 Methacrylonitrile, CAS: 126-98-7

Signal: 1

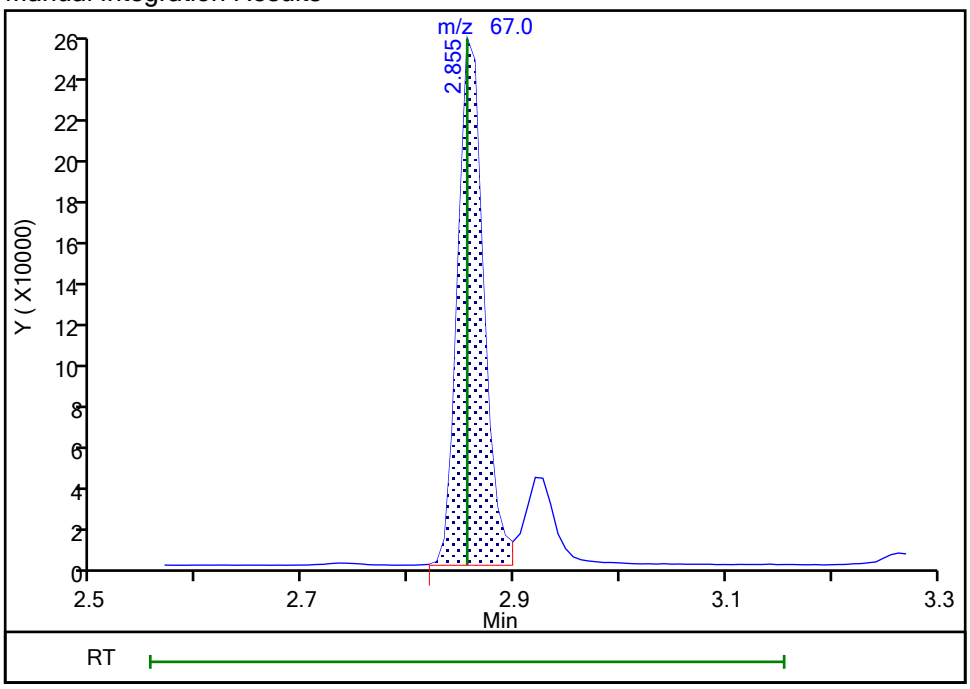
Processing Integration Results

RT: 2.92
Area: 91547
Amount: 121.1698
Amount Units: ug/l




Manual Integration Results

RT: 2.86
Area: 444511
Amount: 509.0707
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:21:58
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

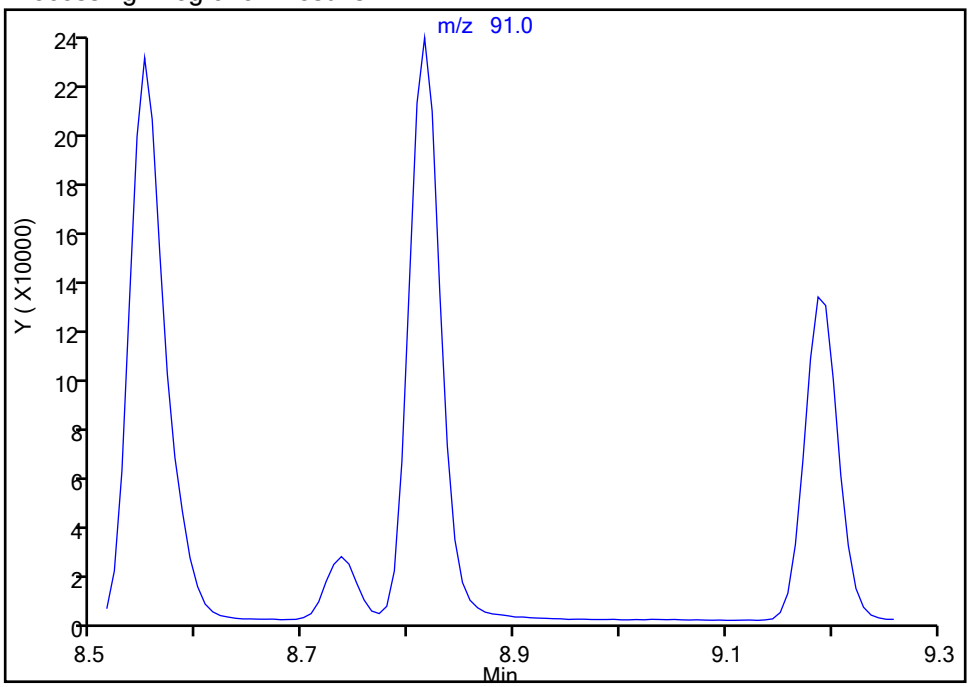
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93056.D
Injection Date: 12-Sep-2021 12:59:30 Instrument ID: CVOAMS13
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 116 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

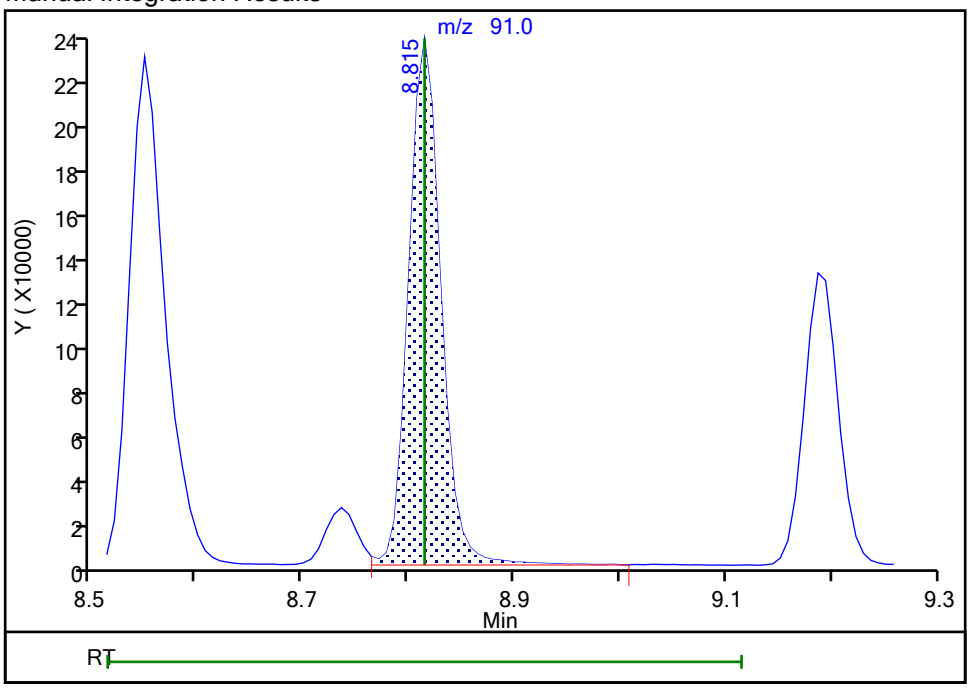
Not Detected
Expected RT: 8.81

Processing Integration Results




Manual Integration Results

RT: 8.81
Area: 489189
Amount: 49.507914
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:22:16
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93057.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 12-Sep-2021 13:24:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0134419-008
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2021 09:10:07 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: boykink Date: 12-Sep-2021 13:53:23

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.692 | 0.692 | 0.000 | 90 | 202687 | 200.0 | 197.3 | |
| 3 Dichlorodifluoromethane | 85 | 0.706 | 0.699 | 0.007 | 99 | 774118 | 200.0 | 203.0 | |
| 168 Chlorodifluoromethane | 51 | 0.771 | 0.771 | 0.000 | 97 | 962886 | 200.0 | 193.4 | |
| 6 Chloromethane | 50 | 0.821 | 0.814 | 0.007 | 100 | 932082 | 200.0 | 221.5 | M |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 98 | 777441 | 200.0 | 203.1 | |
| 175 Butadiene | 54 | 0.821 | 0.814 | 0.007 | 96 | 734841 | 200.0 | 203.4 | |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 99 | 442864 | 200.0 | 226.7 | |
| 10 Chloroethane | 64 | 0.993 | 0.993 | 0.000 | 99 | 299306 | 200.0 | 166.2 | M |
| 11 Pentane | 72 | 1.050 | 1.043 | 0.007 | 96 | 167809 | 400.0 | 383.8 | |
| 12 Trichlorofluoromethane | 101 | 1.057 | 1.050 | 0.007 | 99 | 849947 | 200.0 | 202.1 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 99 | 912938 | 200.0 | 219.3 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.179 | 1.172 | 0.007 | 96 | 1020156 | 200.0 | 194.2 | |
| 15 Ethyl ether | 59 | 1.179 | 1.179 | 0.000 | 94 | 465938 | 200.0 | 207.4 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.272 | 1.265 | 0.007 | 81 | 236204 | 200.0 | 213.3 | |
| 17 1,1-Dichloroethene | 96 | 1.272 | 1.265 | 0.007 | 98 | 560527 | 200.0 | 210.7 | |
| 16 Ethanol | 46 | 1.286 | 1.286 | 0.000 | 23 | 97598 | 8000.0 | 7268.7 | a |
| 19 Carbon disulfide | 76 | 1.286 | 1.286 | 0.000 | 99 | 2135974 | 200.0 | 202.1 | |
| 20 112TCTFE | 101 | 1.286 | 1.286 | 0.000 | 54 | 495716 | 200.0 | 200.1 | |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.294 | 1.294 | 0.000 | 92 | 832296 | 200.0 | 194.3 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 98 | 637911 | 200.0 | 222.9 | |
| 169 Cyclopentene | 67 | 1.408 | 1.401 | 0.007 | 96 | 1261918 | 200.0 | 189.8 | |
| 24 Acrolein | 56 | 1.423 | 1.423 | 0.000 | 94 | 31183 | 202.8 | 196.8 | |
| 164 3-Chloro-1-propene | 76 | 1.494 | 1.487 | 0.007 | 46 | 348692 | 200.0 | 203.3 | |
| 26 Isopropyl alcohol | 45 | 1.516 | 1.508 | 0.008 | 98 | 214933 | 2000.0 | 1972.9 | |
| 27 Methylene Chloride | 84 | 1.544 | 1.544 | 0.000 | 92 | 637967 | 200.0 | 192.0 | |
| 28 Acetone | 43 | 1.566 | 1.566 | 0.000 | 88 | 416842 | 1000.0 | 900.6 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.623 | 1.616 | 0.007 | 95 | 608037 | 200.0 | 203.1 | |
| 30 Methyl acetate | 43 | 1.630 | 1.623 | 0.007 | 98 | 637806 | 400.0 | 501.5 | |
| 31 Hexane | 86 | 1.666 | 1.666 | 0.000 | 91 | 152654 | 200.0 | 197.5 | |
| 32 Methyl tert-butyl ether | 73 | 1.673 | 1.673 | 0.000 | 95 | 1514672 | 200.0 | 204.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 33 TBA-d9 (IS) | 65 | 1.695 | 1.688 | 0.007 | 99 | 141975 | 1000.0 | 1000.0 | |
| 34 2-Methyl-2-propanol | 59 | 1.731 | 1.731 | 0.000 | 99 | 340337 | 2000.0 | 1959.3 | |
| 35 Acetonitrile | 41 | 1.809 | 1.809 | 0.000 | 99 | 495632 | 2000.0 | 2068.0 | |
| 36 Isopropyl ether | 45 | 1.881 | 1.881 | 0.000 | 97 | 1885039 | 200.0 | 200.1 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 92 | 542487 | 200.0 | 207.4 | |
| 38 1,1-Dichloroethane | 63 | 1.945 | 1.938 | 0.007 | 100 | 1114972 | 200.0 | 201.8 | |
| 39 Acrylonitrile | 53 | 1.974 | 1.974 | 0.000 | 92 | 1712421 | 2000.0 | 2097.8 | |
| 40 Tert-butyl ethyl ether | 59 | 2.089 | 2.089 | 0.000 | 89 | 1803847 | 200.0 | 201.8 | |
| 41 Vinyl acetate | 43 | 2.096 | 2.096 | 0.000 | 99 | 2396111 | 400.0 | 435.9 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.268 | 2.261 | 0.007 | 100 | 688427 | 200.0 | 213.5 | |
| 43 2,2-Dichloropropane | 97 | 2.325 | 2.325 | 0.000 | 97 | 193613 | 200.0 | 204.3 | |
| 44 Cyclohexane | 56 | 2.382 | 2.382 | 0.000 | 89 | 947292 | 200.0 | 204.6 | |
| 45 Chlorobromomethane | 128 | 2.390 | 2.390 | 0.000 | 88 | 320754 | 200.0 | 215.7 | |
| 46 Chloroform | 83 | 2.447 | 2.440 | 0.007 | 99 | 1073421 | 200.0 | 206.1 | |
| 47 Carbon tetrachloride | 117 | 2.526 | 2.526 | 0.000 | 99 | 730961 | 200.0 | 196.4 | |
| 49 Methyl acrylate | 55 | 2.533 | 2.533 | 0.000 | 67 | 401706 | 200.0 | 208.5 | |
| 48 Ethyl acetate | 70 | 2.533 | 2.533 | 0.000 | 100 | 106725 | 400.0 | 390.3 | |
| 50 Tetrahydrofuran | 42 | 2.533 | 2.533 | 0.000 | 95 | 317327 | 400.0 | 413.4 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.561 | 0.001 | 96 | 127676 | 50.0 | 51.5 | |
| 52 1,1,1-Trichloroethane | 97 | 2.569 | 2.561 | 0.008 | 98 | 913713 | 200.0 | 199.4 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 92 | 181535 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.647 | 2.647 | 0.000 | 100 | 264804 | 1000.0 | 947.4 | |
| 55 1,1-Dichloropropene | 110 | 2.655 | 2.655 | 0.000 | 98 | 301368 | 200.0 | 196.6 | |
| 56 Isooctane | 57 | 2.741 | 2.733 | 0.008 | 99 | 1307869 | 200.0 | 198.9 | |
| 58 Benzene | 78 | 2.827 | 2.826 | 0.001 | 96 | 2594668 | 200.0 | 202.2 | |
| 57 n-Heptane | 57 | 2.827 | 2.826 | 0.001 | 50 | 325186 | 200.0 | 193.3 | |
| 59 Propionitrile | 54 | 2.855 | 2.841 | 0.014 | 99 | 657238 | 2000.0 | 2405.0 | |
| 60 Methacrylonitrile | 67 | 2.862 | 2.855 | 0.007 | 91 | 1987580 | 2000.0 | 2293.0 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.927 | 0.000 | 0 | 138310 | 50.0 | 50.7 | |
| 62 Tert-amyl methyl ether | 73 | 2.934 | 2.934 | 0.000 | 99 | 1586596 | 200.0 | 207.1 | |
| 63 1,2-Dichloroethane | 62 | 2.977 | 2.977 | 0.000 | 97 | 728240 | 200.0 | 199.6 | |
| 64 Isobutyl alcohol | 43 | 3.049 | 3.049 | 0.000 | 97 | 392759 | 5000.0 | 5205.7 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.149 | 0.000 | 99 | 531405 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.213 | 3.213 | 0.000 | 99 | 843328 | 200.0 | 207.7 | |
| 68 Methylcyclohexane | 83 | 3.271 | 3.263 | 0.008 | 96 | 862165 | 200.0 | 197.3 | |
| 69 Trichloroethene | 130 | 3.285 | 3.285 | 0.000 | 100 | 638207 | 200.0 | 206.1 | |
| 71 Dibromomethane | 93 | 3.629 | 3.629 | 0.000 | 97 | 350672 | 200.0 | 208.6 | |
| 72 n-Butanol | 56 | 3.643 | 3.650 | -0.007 | 87 | 279617 | 5000.0 | 5433.8 | |
| 73 1,2-Dichloropropane | 63 | 3.715 | 3.715 | 0.000 | 92 | 659421 | 200.0 | 206.3 | |
| 75 Dichlorobromomethane | 83 | 3.801 | 3.794 | 0.007 | 99 | 857763 | 200.0 | 222.0 | |
| 74 Ethyl acrylate | 55 | 3.794 | 3.794 | 0.000 | 98 | 580411 | 200.0 | 222.9 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.958 | 3.958 | 0.000 | 78 | 20071 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 3.980 | 3.980 | 0.000 | 93 | 253934 | 400.0 | 433.8 | |
| 78 1,4-Dioxane | 88 | 3.987 | 3.987 | 0.000 | 96 | 100652 | 4000.0 | 3989.6 | |
| 79 n-Propyl acetate | 43 | 4.137 | 4.137 | 0.000 | 98 | 569690 | 200.0 | 221.7 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.381 | 4.381 | 0.000 | 97 | 332206 | 200.5 | 226.8 | |
| 81 cis-1,3-Dichloropropene | 75 | 4.410 | 4.410 | 0.000 | 93 | 1046045 | 200.0 | 207.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.596 | 4.589 | 0.007 | 99 | 485312 | 50.0 | 50.1 | |
| 83 Toluene | 91 | 4.646 | 4.646 | 0.000 | 93 | 2596452 | 200.0 | 202.7 | |
| 84 Epichlorohydrin | 57 | 4.675 | 4.675 | 0.000 | 99 | 736229 | 4000.0 | 4316.8 | |
| 85 2-Nitropropane | 41 | 4.882 | 4.882 | 0.000 | 97 | 222644 | 400.0 | 413.6 | |
| 86 Tetrachloroethene | 166 | 5.054 | 5.054 | 0.000 | 98 | 596060 | 200.0 | 195.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.097 | 5.097 | 0.000 | 94 | 1767791 | 1000.0 | 1017.4 | |
| 88 trans-1,3-Dichloropropene | 75 | 5.133 | 5.133 | 0.000 | 95 | 903485 | 200.0 | 215.8 | |
| 89 1,1,2-Trichloroethane | 83 | 5.298 | 5.298 | 0.000 | 96 | 414247 | 200.0 | 206.5 | |
| 90 Ethyl methacrylate | 69 | 5.391 | 5.391 | 0.000 | 88 | 555843 | 200.0 | 228.0 | |
| 91 Chlorodibromomethane | 129 | 5.491 | 5.491 | 0.000 | 98 | 554389 | 200.0 | 202.0 | |
| 92 1,3-Dichloropropane | 76 | 5.599 | 5.599 | 0.000 | 94 | 847811 | 200.0 | 199.3 | a |
| 93 Ethylene Dibromide | 107 | 5.713 | 5.713 | 0.000 | 99 | 488033 | 200.0 | 209.0 | |
| 94 n-Butyl acetate | 43 | 6.079 | 6.079 | 0.001 | 99 | 561897 | 200.0 | 221.7 | |
| 95 2-Hexanone | 43 | 6.129 | 6.129 | 0.000 | 93 | 1198730 | 1000.0 | 1031.3 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 86 | 380364 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.415 | 6.415 | 0.000 | 94 | 1607416 | 200.0 | 200.4 | |
| 98 Ethylbenzene | 106 | 6.508 | 6.501 | 0.007 | 99 | 866430 | 200.0 | 201.4 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.530 | 6.523 | 0.007 | 96 | 613139 | 200.0 | 206.7 | |
| 100 m-Xylene & p-Xylene | 106 | 6.716 | 6.709 | 0.007 | 0 | 1036630 | 200.0 | 199.0 | |
| 101 o-Xylene | 106 | 7.289 | 7.282 | 0.007 | 94 | 1014197 | 200.0 | 197.4 | |
| 102 Bromoform | 173 | 7.346 | 7.346 | 0.000 | 96 | 367981 | 200.0 | 215.5 | |
| 103 Styrene | 104 | 7.375 | 7.375 | 0.000 | 95 | 1826918 | 200.0 | 208.6 | |
| 104 n-Butyl acrylate | 73 | 7.712 | 7.712 | 0.000 | 97 | 381510 | 200.0 | 216.1 | |
| 105 Isopropylbenzene | 105 | 7.769 | 7.762 | 0.007 | 96 | 2566554 | 200.0 | 193.8 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.127 | 8.127 | 0.000 | 90 | 813636 | 200.0 | 206.6 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 43 | 150898 | 50.0 | 48.1 | |
| 108 Bromobenzene | 156 | 8.227 | 8.227 | 0.000 | 98 | 702911 | 200.0 | 204.5 | |
| 109 N-Propylbenzene | 91 | 8.392 | 8.392 | 0.000 | 99 | 3228807 | 200.0 | 205.6 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.550 | 8.543 | 0.007 | 98 | 620993 | 200.0 | 210.7 | |
| 111 2-Chlorotoluene | 91 | 8.550 | 8.550 | 0.000 | 97 | 2293914 | 200.0 | 207.7 | |
| 172 4-Ethyltoluene | 105 | 8.586 | 8.578 | 0.008 | 98 | 2762449 | 200.0 | 208.8 | |
| 113 1,2,3-Trichloropropane | 110 | 8.664 | 8.664 | 0.000 | 99 | 162025 | 200.0 | 193.8 | |
| 114 1,3,5-Trimethylbenzene | 105 | 8.743 | 8.736 | 0.007 | 93 | 2274579 | 200.0 | 204.4 | |
| 115 trans-1,4-Dichloro-2-butene | 53 | 8.793 | 8.793 | 0.000 | 92 | 166099 | 200.0 | 215.6 | |
| 116 4-Chlorotoluene | 91 | 8.822 | 8.815 | 0.007 | 98 | 2082611 | 200.0 | 208.6 | a |
| 117 tert-Butylbenzene | 119 | 9.194 | 9.187 | 0.007 | 94 | 1893447 | 200.0 | 206.3 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.323 | 9.323 | 0.000 | 98 | 2481793 | 200.0 | 215.5 | |
| 119 Butyl Methacrylate | 87 | 9.352 | 9.345 | 0.007 | 90 | 896347 | 200.0 | 223.5 | |
| 120 sec-Butylbenzene | 105 | 9.481 | 9.481 | 0.000 | 98 | 2667209 | 200.0 | 200.9 | |
| 121 1,3-Dichlorobenzene | 146 | 9.725 | 9.725 | 0.001 | 96 | 1314087 | 200.0 | 206.2 | |
| 122 4-Isopropyltoluene | 119 | 9.768 | 9.760 | 0.008 | 98 | 2310091 | 200.0 | 198.3 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.868 | 9.861 | 0.007 | 96 | 208606 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.889 | 9.882 | 0.007 | 95 | 1336969 | 200.0 | 198.6 | |
| 125 1,2,3-Trimethylbenzene | 105 | 9.997 | 9.990 | 0.007 | 98 | 2426050 | 200.0 | 201.5 | |
| 165 2,3-Dihydroindene | 117 | 10.161 | 10.161 | 0.000 | 0 | 2342617 | 200.0 | 197.4 | |
| 127 Benzyl chloride | 126 | 10.333 | 10.333 | 0.000 | 99 | 281651 | 200.0 | 209.4 | a |
| 167 p-Diethylbenzene | 119 | 10.369 | 10.369 | 0.000 | 96 | 1172971 | 200.0 | 199.2 | |
| 129 n-Butylbenzene | 91 | 10.455 | 10.448 | 0.007 | 98 | 2087069 | 200.0 | 193.6 | |
| 130 1,2-Dichlorobenzene | 146 | 10.541 | 10.541 | 0.000 | 96 | 1215297 | 200.0 | 205.1 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.651 | 11.644 | 0.007 | 98 | 2250207 | 200.0 | 203.2 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.788 | 11.787 | 0.001 | 96 | 118832 | 200.0 | 218.6 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.845 | 11.845 | 0.000 | 98 | 909266 | 200.0 | 208.1 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.583 | 12.583 | 0.000 | 93 | 736840 | 200.0 | 199.1 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 96 | 281915 | 200.0 | 195.1 | |
| 136 Naphthalene | 128 | 12.891 | 12.891 | 0.000 | 99 | 1512404 | 200.0 | 204.8 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.070 | 13.077 | -0.007 | 96 | 523613 | 200.0 | 199.9 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 416.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 140 Xylenes, Total | 100 | | | | 0 | | 400.0 | 396.3 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00396 | Amount Added: | 20.00 | Units: uL | |
| Ethanol mix_00056 | Amount Added: | 20.00 | Units: uL | |
| MIX 2 Hi_00115 | Amount Added: | 20.00 | Units: uL | |
| MIX I Hi_00142 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00130 | Amount Added: | 20.00 | Units: uL | |
| 8FreonHi_00036 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 14-Sep-2021 09:10:08 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93057.D

Injection Date: 12-Sep-2021 13:24:30 Instrument ID: CVOAMS13 Operator ID:

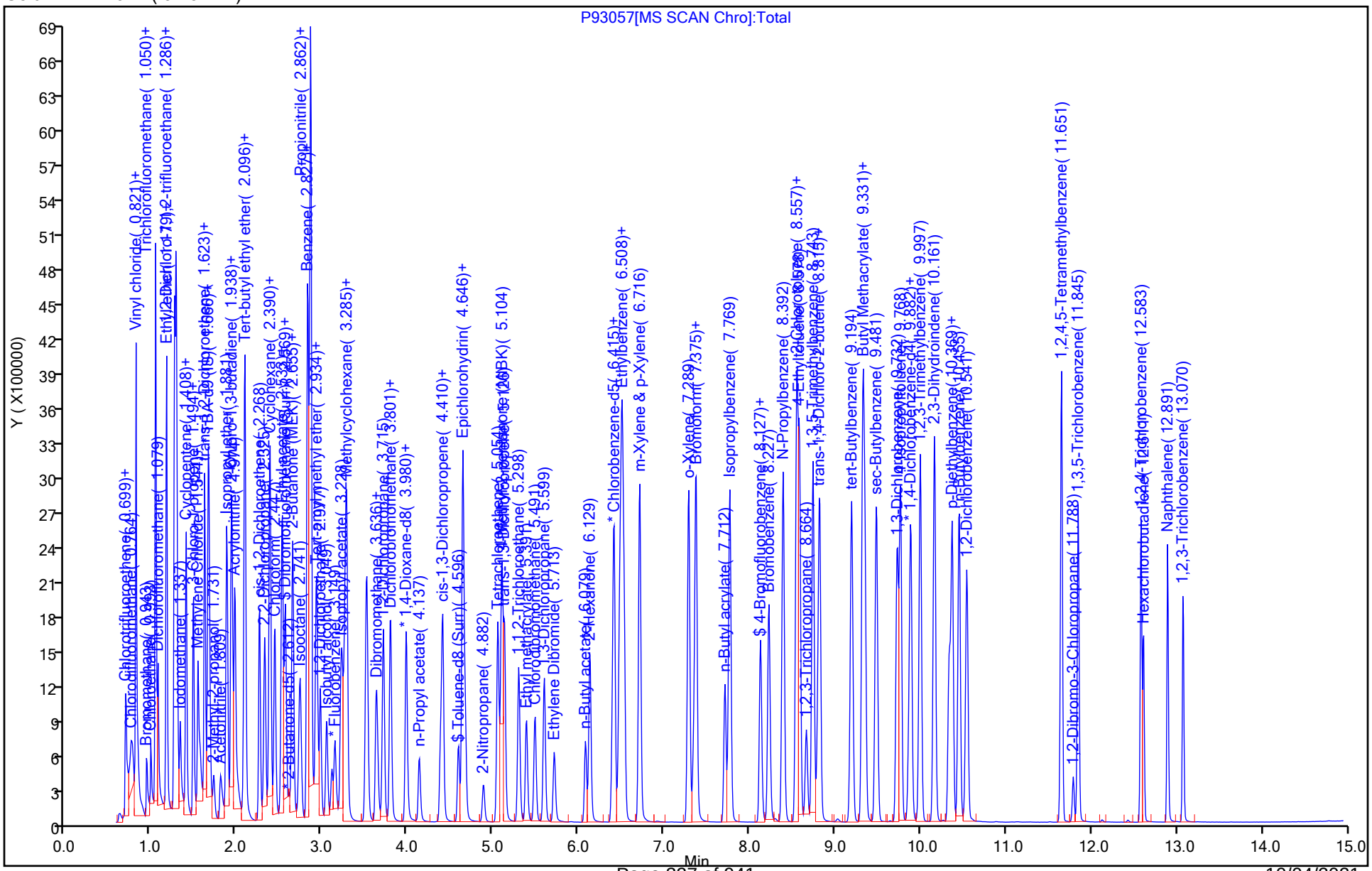
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

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

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

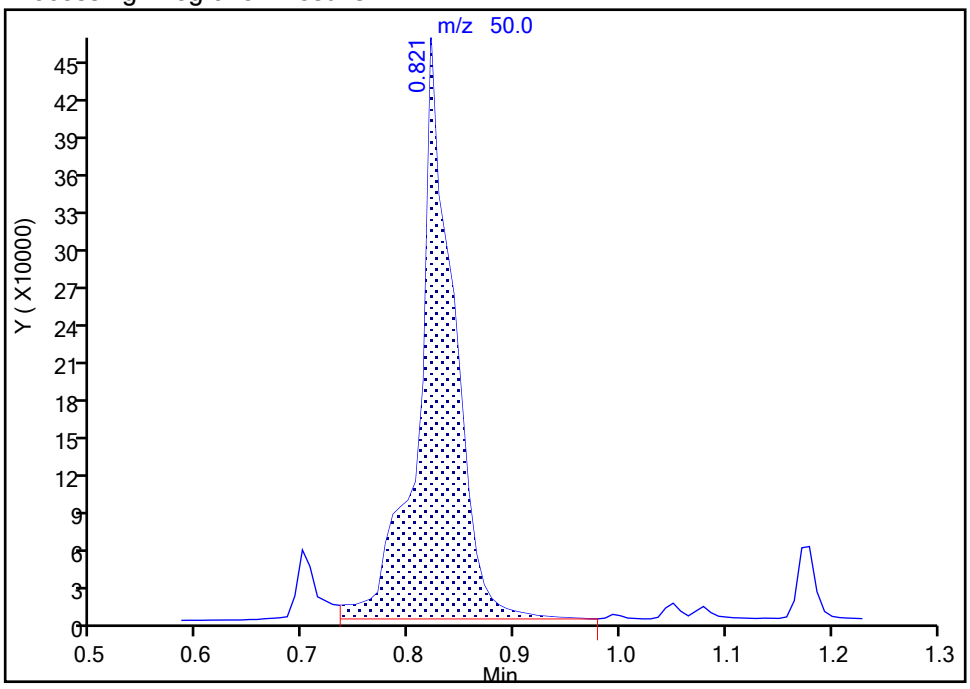
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93057.D
Injection Date: 12-Sep-2021 13:24:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

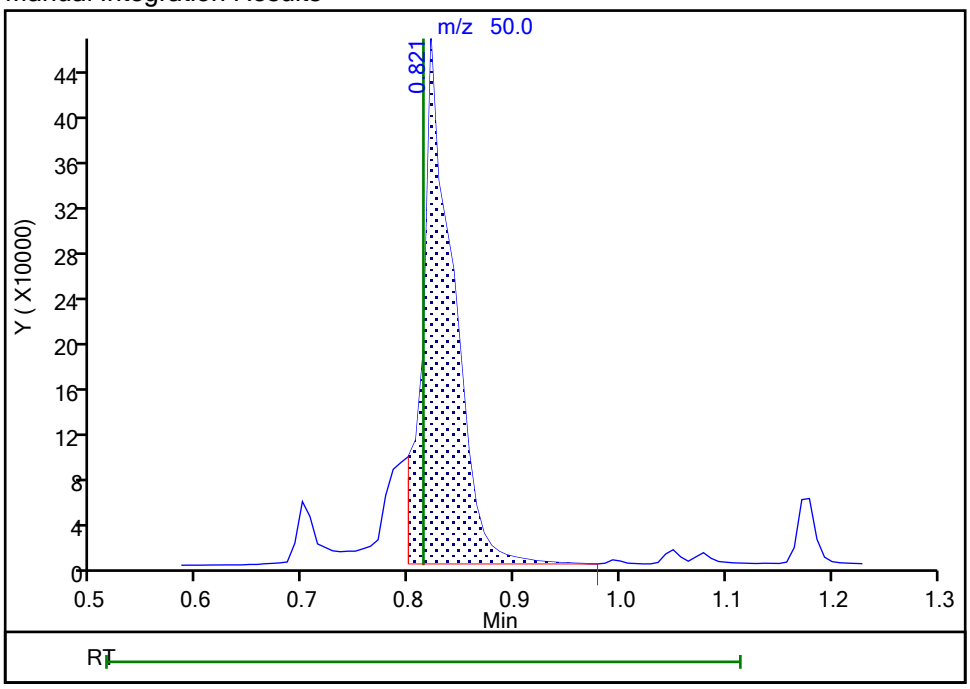
Processing Integration Results

RT: 0.82
Area: 1067907
Amount: 240.9200
Amount Units: ug/l




Manual Integration Results

RT: 0.82
Area: 932082
Amount: 221.4744
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:24:43
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

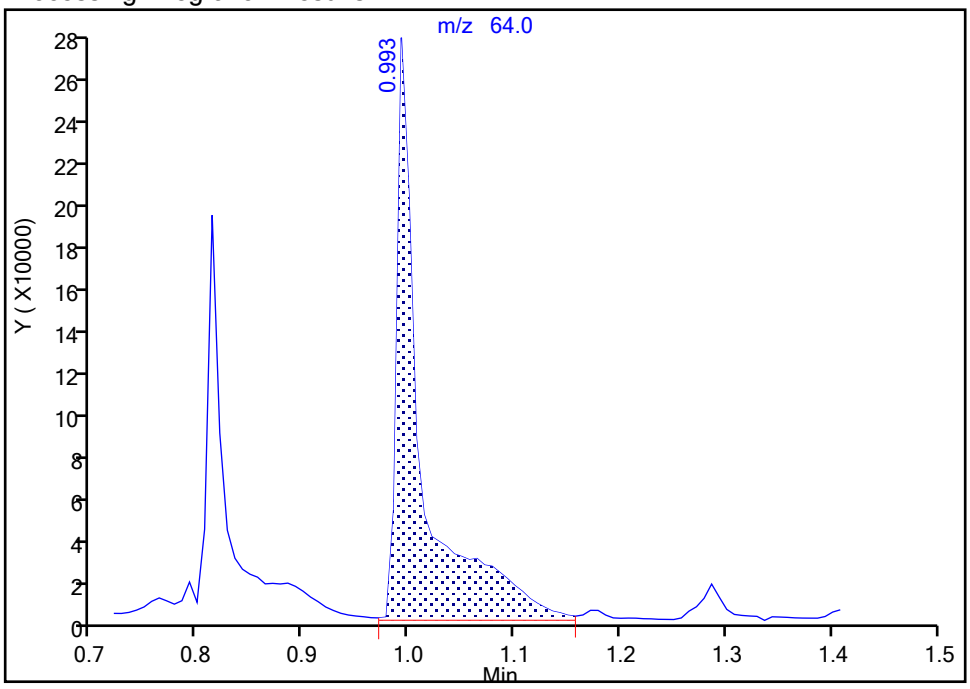
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93057.D
Injection Date: 12-Sep-2021 13:24:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Signal: 1

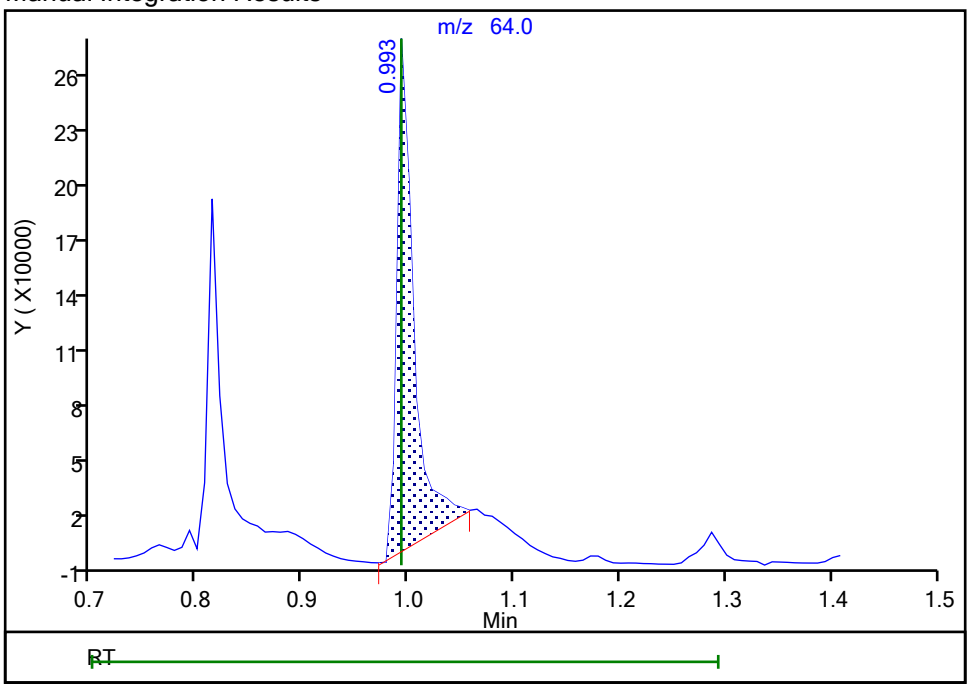
Processing Integration Results

RT: 0.99
Area: 460390
Amount: 237.4064
Amount Units: ug/l




Manual Integration Results

RT: 0.99
Area: 299306
Amount: 166.2340
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:24:15
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

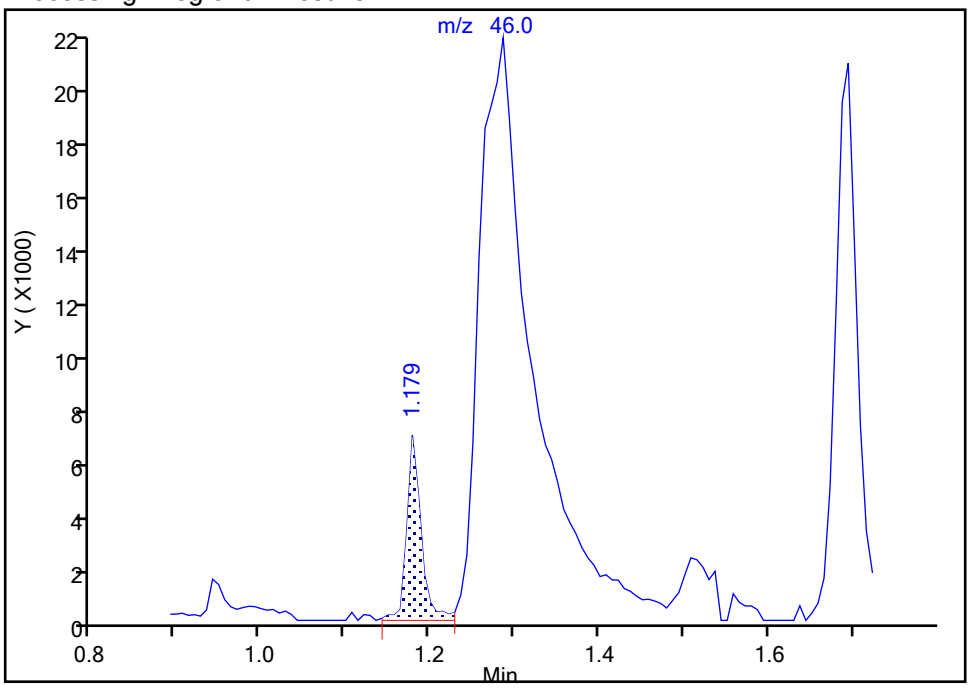
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93057.D
Injection Date: 12-Sep-2021 13:24:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 Ethanol, CAS: 64-17-5

Signal: 1

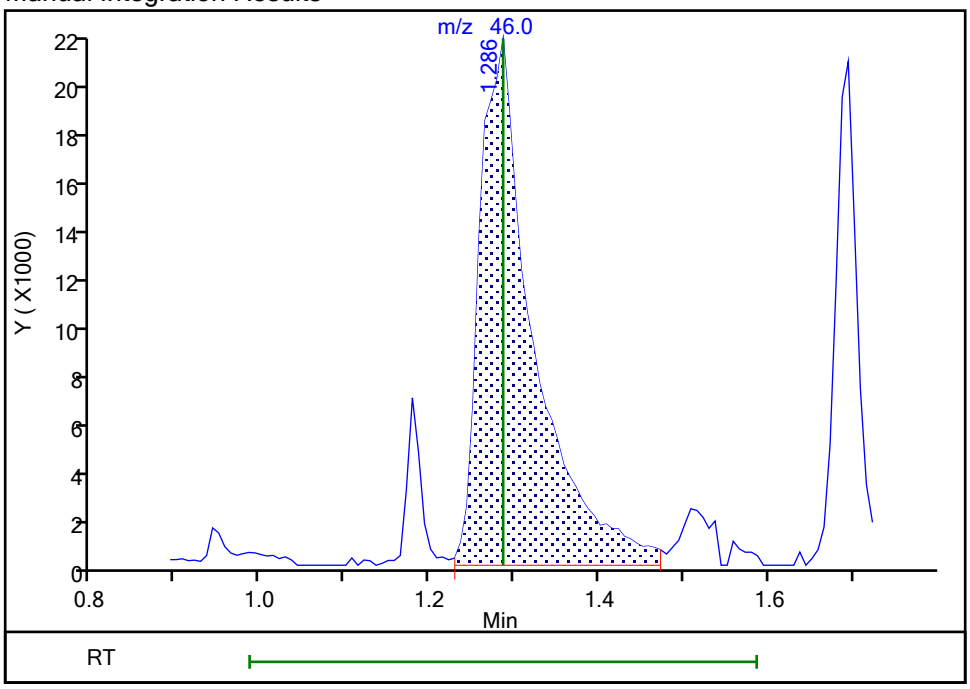
Processing Integration Results

RT: 1.18
Area: 8314
Amount: 876.6649
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 97598
Amount: 7268.6558
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:24:51
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

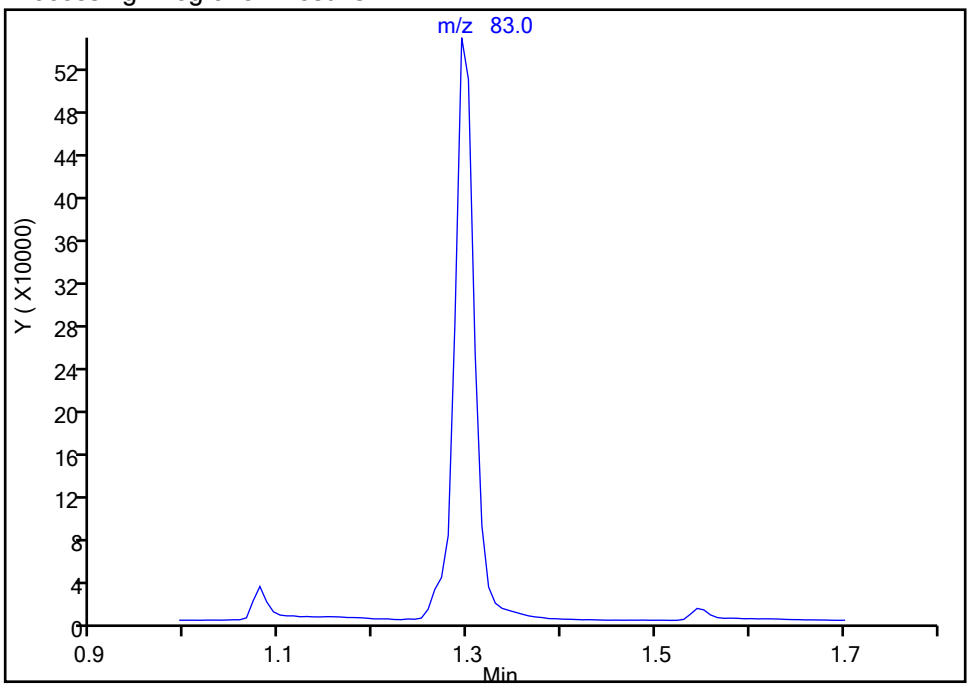
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93057.D
Injection Date: 12-Sep-2021 13:24:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 174 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

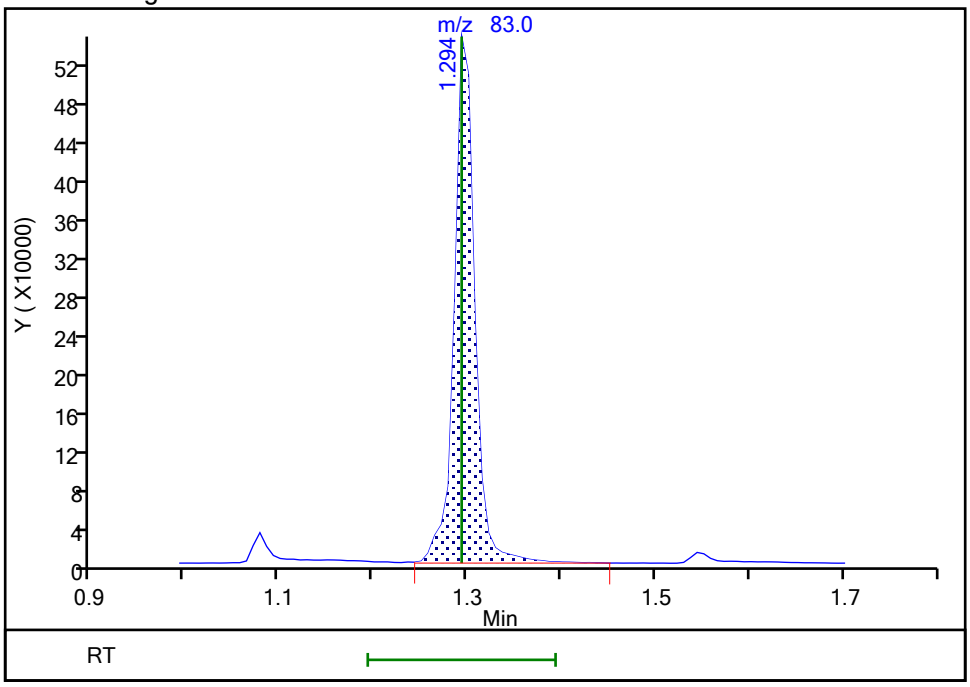
Not Detected
Expected RT: 1.29

Processing Integration Results




Manual Integration Results

RT: 1.29
Area: 832296
Amount: 194.3261
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:24:57
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

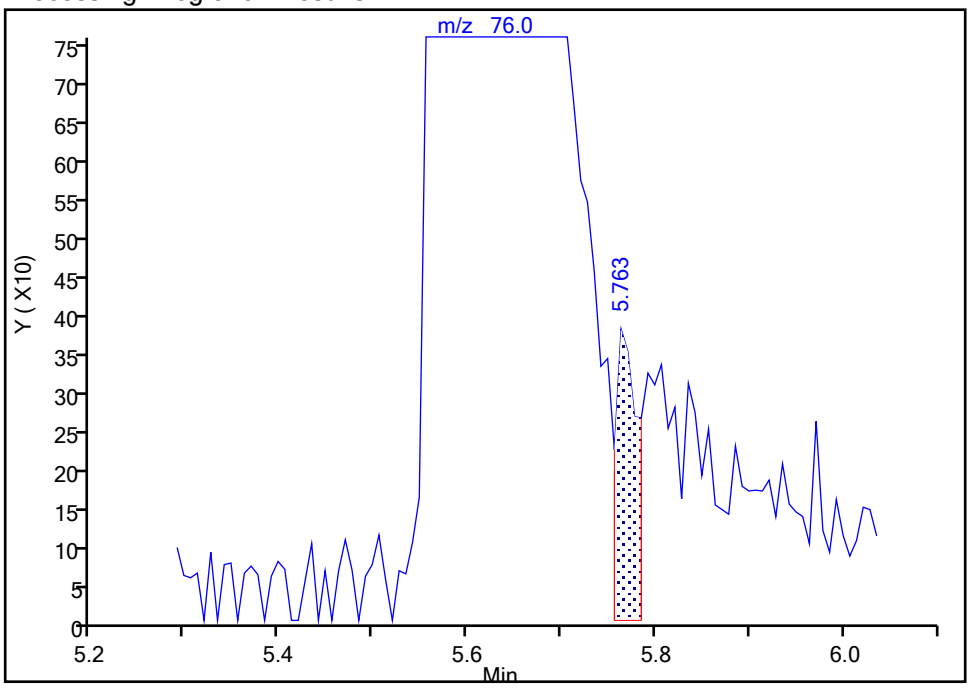
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93057.D
Injection Date: 12-Sep-2021 13:24:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 92 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

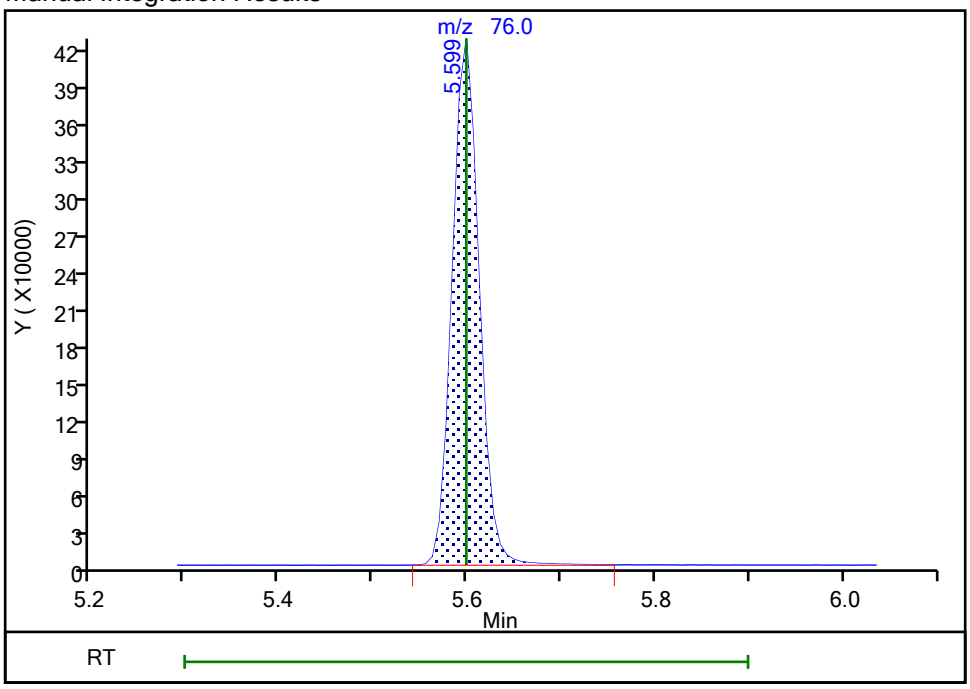
Processing Integration Results

RT: 5.76
Area: 630
Amount: 0.177596
Amount Units: ug/l




Manual Integration Results

RT: 5.60
Area: 847811
Amount: 199.3274
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:38:14
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

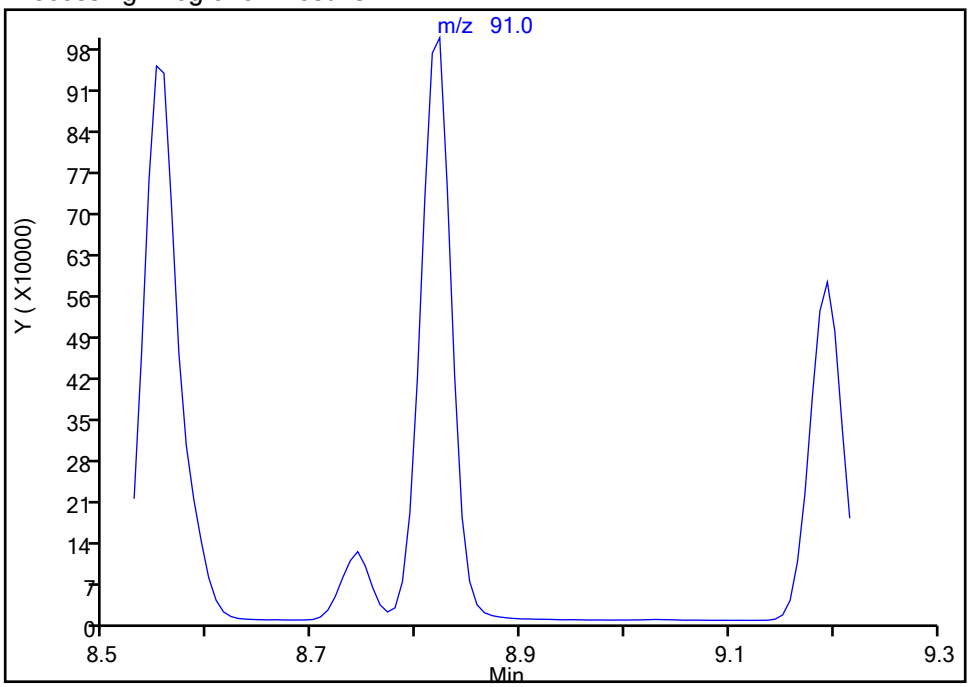
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93057.D
Injection Date: 12-Sep-2021 13:24:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 116 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

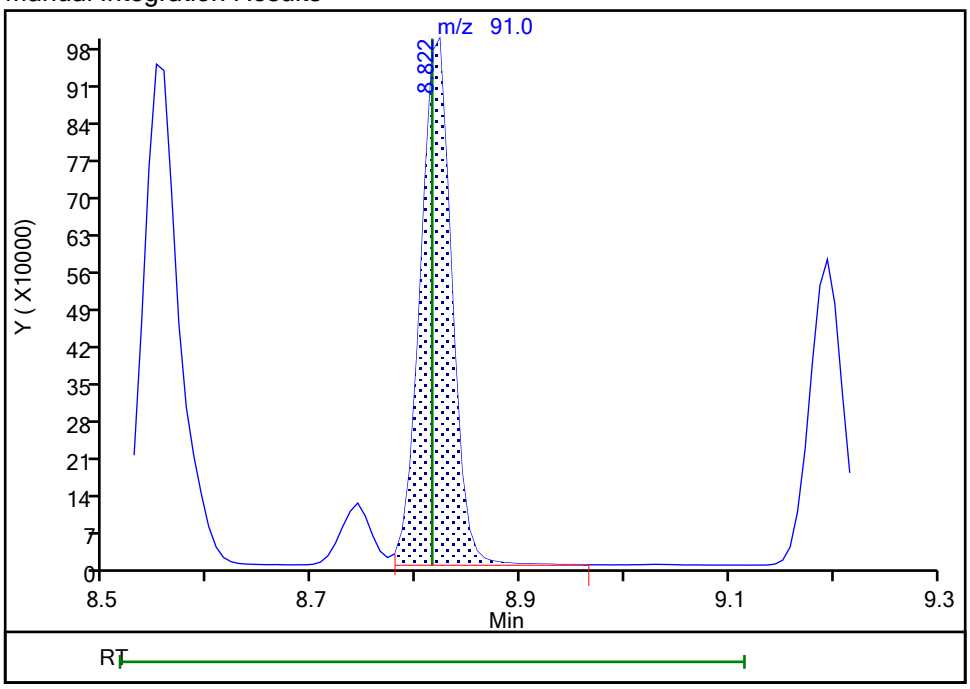
Not Detected
Expected RT: 8.81

Processing Integration Results




Manual Integration Results

RT: 8.82
Area: 2082611
Amount: 208.5863
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:25:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

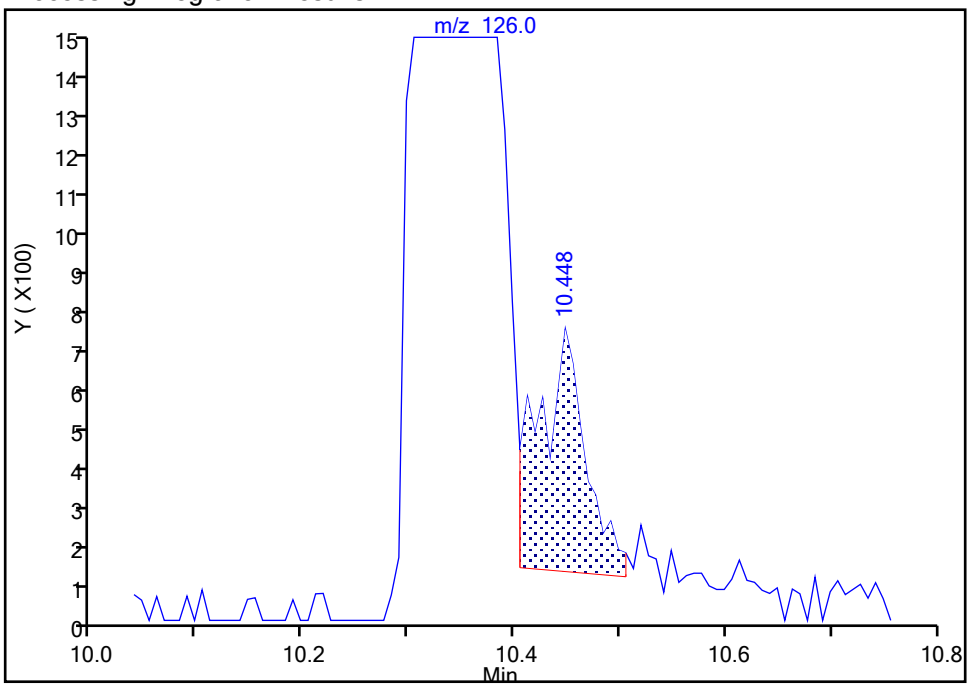
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93057.D
Injection Date: 12-Sep-2021 13:24:30 Instrument ID: CVOAMS13
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 127 Benzyl chloride, CAS: 100-44-7

Signal: 1

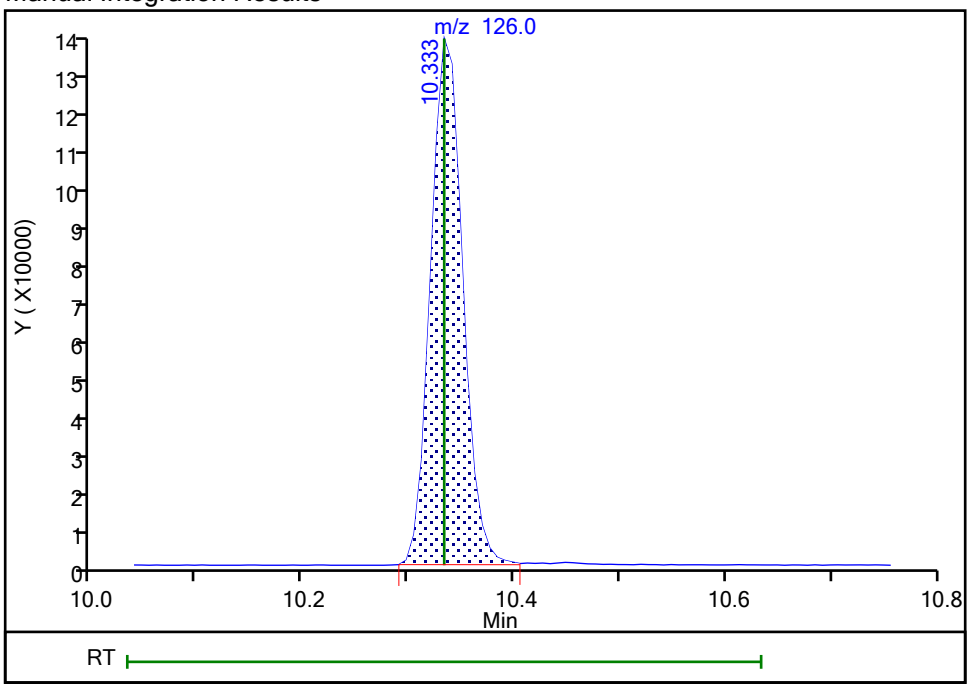
Processing Integration Results

RT: 10.45
Area: 1945
Amount: 2.195259
Amount Units: ug/l




Manual Integration Results

RT: 10.33
Area: 281651
Amount: 209.3613
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:25:32
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 12-Sep-2021 13:49:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0134419-009
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2021 09:10:16 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: delpolitov Date: 14-Sep-2021 09:02:42

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.692 | 0.692 | 0.000 | 95 | 589886 | 500.0 | 558.4 | |
| 3 Dichlorodifluoromethane | 85 | 0.699 | 0.699 | 0.000 | 100 | 2167446 | 500.0 | 553.0 | |
| 168 Chlorodifluoromethane | 51 | 0.771 | 0.771 | 0.000 | 96 | 2421366 | 500.0 | 472.9 | M |
| 6 Chloromethane | 50 | 0.821 | 0.814 | 0.007 | 99 | 2384922 | 500.0 | 551.2 | M |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 98 | 2019955 | 500.0 | 513.3 | |
| 175 Butadiene | 54 | 0.821 | 0.814 | 0.007 | 94 | 1957833 | 500.0 | 527.2 | |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 99 | 1114415 | 500.0 | 565.9 | |
| 10 Chloroethane | 64 | 0.993 | 0.993 | 0.000 | 99 | 522710 | 500.0 | 282.4 | M |
| 11 Pentane | 72 | 1.050 | 1.043 | 0.007 | 95 | 346505 | 1000.0 | 737.4 | |
| 12 Trichlorofluoromethane | 101 | 1.050 | 1.050 | 0.000 | 98 | 1979244 | 500.0 | 457.8 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 99 | 1938904 | 500.0 | 453.0 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.172 | 1.172 | 0.000 | 96 | 2752069 | 500.0 | 509.5 | |
| 15 Ethyl ether | 59 | 1.186 | 1.179 | 0.007 | 96 | 1158473 | 500.0 | 501.5 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.272 | 1.265 | 0.007 | 90 | 571337 | 500.0 | 501.9 | |
| 17 1,1-Dichloroethene | 96 | 1.272 | 1.265 | 0.007 | 98 | 1490973 | 500.0 | 545.0 | M |
| 16 Ethanol | 46 | 1.287 | 1.286 | 0.001 | 37 | 241136 | 20000 | 16711 | a |
| 19 Carbon disulfide | 76 | 1.287 | 1.286 | 0.001 | 99 | 5671225 | 500.0 | 521.9 | |
| 20 112TCTFE | 101 | 1.287 | 1.286 | 0.001 | 97 | 1428301 | 500.0 | 560.7 | |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.301 | 1.294 | 0.007 | 93 | 2281381 | 500.0 | 518.1 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 97 | 1796898 | 500.0 | 484.5 | |
| 169 Cyclopentene | 67 | 1.408 | 1.401 | 0.007 | 96 | 3699335 | 500.0 | 541.2 | |
| 24 Acrolein | 56 | 1.430 | 1.423 | 0.007 | 91 | 77295 | 405.6 | 454.0 | |
| 164 3-Chloro-1-propene | 76 | 1.494 | 1.487 | 0.007 | 46 | 933319 | 500.0 | 529.2 | |
| 26 Isopropyl alcohol | 45 | 1.523 | 1.508 | 0.015 | 96 | 513086 | 5000.0 | 4382.4 | |
| 27 Methylene Chloride | 84 | 1.545 | 1.544 | 0.001 | 92 | 1717973 | 500.0 | 502.9 | |
| 28 Acetone | 43 | 1.573 | 1.566 | 0.007 | 87 | 1046745 | 2500.0 | 2243.6 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.623 | 1.616 | 0.007 | 94 | 1675641 | 500.0 | 544.4 | |
| 30 Methyl acetate | 43 | 1.638 | 1.623 | 0.015 | 96 | 1422154 | 1000.0 | 1040.5 | |
| 31 Hexane | 86 | 1.666 | 1.666 | 0.000 | 90 | 481668 | 500.0 | 606.1 | |
| 32 Methyl tert-butyl ether | 73 | 1.681 | 1.673 | 0.008 | 95 | 3910588 | 500.0 | 514.4 | |

| 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 | 1.702 | 1.688 | 0.014 | 99 | 152580 | 1000.0 | 1000.0 | |
| 34 2-Methyl-2-propanol | 59 | 1.738 | 1.731 | 0.007 | 99 | 877640 | 5000.0 | 4709.5 | |
| 35 Acetonitrile | 41 | 1.817 | 1.809 | 0.008 | 98 | 1216838 | 5000.0 | 4724.4 | |
| 36 Isopropyl ether | 45 | 1.888 | 1.881 | 0.007 | 96 | 4701373 | 500.0 | 485.3 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 90 | 1427772 | 500.0 | 530.9 | |
| 38 1,1-Dichloroethane | 63 | 1.953 | 1.938 | 0.015 | 100 | 2938258 | 500.0 | 517.2 | |
| 39 Acrylonitrile | 53 | 1.981 | 1.974 | 0.007 | 93 | 4466839 | 5000.0 | 5320.3 | |
| 40 Tert-butyl ethyl ether | 59 | 2.096 | 2.089 | 0.007 | 88 | 4401098 | 500.0 | 479.0 | |
| 41 Vinyl acetate | 43 | 2.096 | 2.096 | 0.000 | 99 | 5808967 | 1000.0 | 1028.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.268 | 2.261 | 0.007 | 99 | 1784486 | 500.0 | 538.3 | |
| 43 2,2-Dichloropropane | 97 | 2.332 | 2.325 | 0.007 | 97 | 481694 | 500.0 | 494.5 | |
| 44 Cyclohexane | 56 | 2.390 | 2.382 | 0.008 | 89 | 2618887 | 500.0 | 550.2 | |
| 45 Chlorobromomethane | 128 | 2.397 | 2.390 | 0.007 | 88 | 805041 | 500.0 | 526.7 | |
| 46 Chloroform | 83 | 2.447 | 2.440 | 0.007 | 99 | 2793379 | 500.0 | 521.7 | |
| 47 Carbon tetrachloride | 117 | 2.526 | 2.526 | 0.000 | 99 | 1988589 | 500.0 | 519.8 | |
| 49 Methyl acrylate | 55 | 2.533 | 2.533 | 0.000 | 97 | 1000216 | 500.0 | 505.0 | |
| 48 Ethyl acetate | 70 | 2.533 | 2.533 | 0.000 | 99 | 272590 | 1000.0 | 989.1 | |
| 50 Tetrahydrofuran | 42 | 2.540 | 2.533 | 0.007 | 97 | 818639 | 1000.0 | 1058.1 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.569 | 2.561 | 0.008 | 95 | 136178 | 50.0 | 53.5 | |
| 52 1,1,1-Trichloroethane | 97 | 2.576 | 2.561 | 0.015 | 98 | 2382288 | 500.0 | 505.8 | |
| * 53 2-Butanone-d5 | 46 | 2.619 | 2.612 | 0.007 | 90 | 182988 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.648 | 2.647 | 0.001 | 98 | 669684 | 2500.0 | 2376.9 | a |
| 55 1,1-Dichloropropene | 110 | 2.662 | 2.655 | 0.007 | 97 | 792572 | 500.0 | 503.0 | |
| 56 Isooctane | 57 | 2.741 | 2.733 | 0.008 | 99 | 3548903 | 500.0 | 524.9 | |
| 58 Benzene | 78 | 2.834 | 2.826 | 0.008 | 96 | 6646005 | 500.0 | 486.5 | |
| 57 n-Heptane | 57 | 2.834 | 2.826 | 0.008 | 51 | 914322 | 500.0 | 528.6 | |
| 59 Propionitrile | 54 | 2.870 | 2.841 | 0.029 | 95 | 1638049 | 5000.0 | 5577.4 | |
| 60 Methacrylonitrile | 67 | 2.877 | 2.855 | 0.022 | 90 | 4877912 | 5000.0 | 5473.9 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.934 | 2.927 | 0.007 | 0 | 152030 | 50.0 | 54.2 | |
| 62 Tert-amyl methyl ether | 73 | 2.941 | 2.934 | 0.007 | 98 | 3886235 | 500.0 | 493.4 | |
| 63 1,2-Dichloroethane | 62 | 2.984 | 2.977 | 0.007 | 97 | 1860120 | 500.0 | 495.9 | |
| 64 Isobutyl alcohol | 43 | 3.063 | 3.049 | 0.014 | 98 | 999952 | 12500 | 12332 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.149 | 0.000 | 99 | 546327 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.221 | 3.213 | 0.008 | 100 | 1960794 | 500.0 | 469.7 | |
| 68 Methylcyclohexane | 83 | 3.271 | 3.263 | 0.008 | 96 | 2523193 | 500.0 | 561.7 | |
| 69 Trichloroethene | 130 | 3.292 | 3.285 | 0.007 | 100 | 1701866 | 500.0 | 534.6 | |
| 71 Dibromomethane | 93 | 3.636 | 3.629 | 0.007 | 98 | 918385 | 500.0 | 531.4 | |
| 72 n-Butanol | 56 | 3.650 | 3.650 | 0.000 | 86 | 692881 | 12500 | 12500 | |
| 73 1,2-Dichloropropane | 63 | 3.722 | 3.715 | 0.007 | 92 | 1678695 | 500.0 | 510.9 | |
| 75 Dichlorobromomethane | 83 | 3.801 | 3.794 | 0.007 | 99 | 2137418 | 500.0 | 538.1 | |
| 74 Ethyl acrylate | 55 | 3.801 | 3.794 | 0.007 | 98 | 1383140 | 500.0 | 516.8 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.966 | 3.958 | 0.008 | 79 | 19557 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 3.987 | 3.980 | 0.007 | 93 | 603918 | 1000.0 | 1003.6 | |
| 78 1,4-Dioxane | 88 | 3.987 | 3.987 | 0.000 | 95 | 244039 | 10000 | 9927.4 | |
| 79 n-Propyl acetate | 43 | 4.138 | 4.137 | 0.001 | 98 | 1334579 | 500.0 | 505.3 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.388 | 4.381 | 0.007 | 97 | 850640 | 501.2 | 564.8 | |
| 81 cis-1,3-Dichloropropene | 75 | 4.417 | 4.410 | 0.007 | 92 | 2747085 | 500.0 | 510.6 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.596 | 4.589 | 0.007 | 99 | 511696 | 50.0 | 49.6 | |
| 83 Toluene | 91 | 4.653 | 4.646 | 0.007 | 93 | 6810826 | 500.0 | 499.5 | |
| 84 Epichlorohydrin | 57 | 4.682 | 4.675 | 0.007 | 99 | 1808957 | 10000 | 10517 | |
| 85 2-Nitropropane | 41 | 4.890 | 4.882 | 0.008 | 97 | 529381 | 1000.0 | 956.5 | |
| 86 Tetrachloroethene | 166 | 5.062 | 5.054 | 0.008 | 98 | 1539786 | 500.0 | 473.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.112 | 5.097 | 0.015 | 94 | 4303192 | 2500.0 | 2457.0 | |
| 88 trans-1,3-Dichloropropene | 75 | 5.140 | 5.133 | 0.007 | 95 | 2306313 | 500.0 | 517.3 | |
| 89 1,1,2-Trichloroethane | 83 | 5.305 | 5.298 | 0.007 | 96 | 1047995 | 500.0 | 490.8 | |
| 90 Ethyl methacrylate | 69 | 5.391 | 5.391 | 0.000 | 88 | 1414454 | 500.0 | 564.5 | |
| 91 Chlorodibromomethane | 129 | 5.499 | 5.491 | 0.007 | 98 | 1438872 | 500.0 | 492.5 | |
| 92 1,3-Dichloropropane | 76 | 5.606 | 5.599 | 0.007 | 93 | 2167639 | 500.0 | 478.7 | a |
| 93 Ethylene Dibromide | 107 | 5.721 | 5.713 | 0.008 | 98 | 1236651 | 500.0 | 497.5 | |
| 94 n-Butyl acetate | 43 | 6.086 | 6.079 | 0.008 | 99 | 1417514 | 500.0 | 525.3 | |
| 95 2-Hexanone | 43 | 6.136 | 6.129 | 0.007 | 93 | 2842053 | 2500.0 | 2425.7 | |
| * 96 Chlorobenzene-d5 | 117 | 6.401 | 6.394 | 0.007 | 88 | 404957 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.423 | 6.415 | 0.008 | 97 | 4219055 | 500.0 | 494.0 | |
| 98 Ethylbenzene | 106 | 6.516 | 6.501 | 0.015 | 99 | 2248288 | 500.0 | 491.0 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.544 | 6.523 | 0.021 | 96 | 1522262 | 500.0 | 482.1 | |
| 100 m-Xylene & p-Xylene | 106 | 6.723 | 6.709 | 0.014 | 0 | 2674289 | 500.0 | 482.1 | |
| 101 o-Xylene | 106 | 7.296 | 7.282 | 0.014 | 94 | 2538822 | 500.0 | 464.0 | |
| 102 Bromoform | 173 | 7.354 | 7.346 | 0.008 | 95 | 919698 | 500.0 | 505.9 | |
| 103 Styrene | 104 | 7.382 | 7.375 | 0.007 | 95 | 4554207 | 500.0 | 488.4 | |
| 104 n-Butyl acrylate | 73 | 7.719 | 7.712 | 0.007 | 97 | 910768 | 500.0 | 484.5 | |
| 105 Isopropylbenzene | 105 | 7.776 | 7.762 | 0.014 | 96 | 6501311 | 500.0 | 461.1 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.135 | 8.127 | 0.007 | 91 | 1943909 | 500.0 | 485.5 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.135 | 8.127 | 0.007 | 34 | 158702 | 50.0 | 47.5 | |
| 108 Bromobenzene | 156 | 8.235 | 8.227 | 0.008 | 98 | 1794793 | 500.0 | 513.5 | |
| 109 N-Propylbenzene | 91 | 8.400 | 8.392 | 0.008 | 99 | 8036223 | 500.0 | 503.2 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.557 | 8.543 | 0.014 | 97 | 1549276 | 500.0 | 517.1 | |
| 111 2-Chlorotoluene | 91 | 8.564 | 8.550 | 0.014 | 97 | 5832679 | 500.0 | 519.4 | |
| 172 4-Ethyltoluene | 105 | 8.593 | 8.578 | 0.015 | 98 | 6851990 | 500.0 | 509.3 | |
| 113 1,2,3-Trichloropropane | 110 | 8.672 | 8.664 | 0.008 | 99 | 401679 | 500.0 | 472.6 | a |
| 114 1,3,5-Trimethylbenzene | 105 | 8.758 | 8.736 | 0.022 | 93 | 5534849 | 500.0 | 489.3 | |
| 115 trans-1,4-Dichloro-2-butene | 53 | 8.808 | 8.793 | 0.015 | 92 | 421630 | 500.0 | 538.1 | |
| 116 4-Chlorotoluene | 91 | 8.829 | 8.815 | 0.014 | 98 | 5101864 | 500.0 | 502.5 | a |
| 117 tert-Butylbenzene | 119 | 9.202 | 9.187 | 0.015 | 93 | 4437468 | 500.0 | 475.4 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.338 | 9.323 | 0.015 | 98 | 5822131 | 500.0 | 497.1 | |
| 119 Butyl Methacrylate | 87 | 9.359 | 9.345 | 0.014 | 92 | 2037675 | 500.0 | 499.8 | |
| 120 sec-Butylbenzene | 105 | 9.495 | 9.481 | 0.014 | 98 | 6398663 | 500.0 | 473.9 | |
| 121 1,3-Dichlorobenzene | 146 | 9.739 | 9.725 | 0.015 | 96 | 3253430 | 500.0 | 502.1 | |
| 122 4-Isopropyltoluene | 119 | 9.775 | 9.760 | 0.015 | 97 | 5772413 | 500.0 | 487.2 | a |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.875 | 9.861 | 0.014 | 96 | 212116 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.897 | 9.882 | 0.015 | 95 | 3355263 | 500.0 | 490.2 | |
| 125 1,2,3-Trimethylbenzene | 105 | 10.011 | 9.990 | 0.021 | 98 | 5906232 | 500.0 | 482.4 | |
| 165 2,3-Dihydroindene | 117 | 10.176 | 10.161 | 0.015 | 0 | 5984418 | 500.0 | 496.0 | |
| 127 Benzyl chloride | 126 | 10.341 | 10.333 | 0.008 | 99 | 693704 | 500.0 | 507.1 | a |
| 167 p-Diethylbenzene | 119 | 10.384 | 10.369 | 0.015 | 93 | 2924213 | 500.0 | 488.3 | |
| 129 n-Butylbenzene | 91 | 10.462 | 10.448 | 0.014 | 98 | 5072375 | 500.0 | 462.7 | |
| 130 1,2-Dichlorobenzene | 146 | 10.556 | 10.541 | 0.015 | 96 | 2985526 | 500.0 | 495.5 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.659 | 11.644 | 0.015 | 98 | 5256514 | 500.0 | 466.8 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.795 | 11.787 | 0.008 | 95 | 281076 | 500.0 | 508.5 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.852 | 11.845 | 0.007 | 98 | 2107219 | 500.0 | 474.3 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.583 | 12.583 | 0.000 | 94 | 1671385 | 500.0 | 444.1 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 96 | 666798 | 500.0 | 453.9 | |
| 136 Naphthalene | 128 | 12.891 | 12.891 | 0.000 | 99 | 3240611 | 500.0 | 431.6 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.077 | 13.077 | 0.000 | 96 | 1040702 | 500.0 | 390.8 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 1082.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 140 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 946.2 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00396 | Amount Added: | 50.00 | Units: uL | |
| Ethanol mix_00056 | Amount Added: | 50.00 | Units: uL | |
| MIX 2 Hi_00115 | Amount Added: | 50.00 | Units: uL | |
| MIX I Hi_00142 | Amount Added: | 50.00 | Units: uL | |
| ACROLEIN W_00130 | Amount Added: | 40.00 | Units: uL | |
| 8FreonHi_00036 | Amount Added: | 50.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 14-Sep-2021 09:10:17 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13 Operator ID:

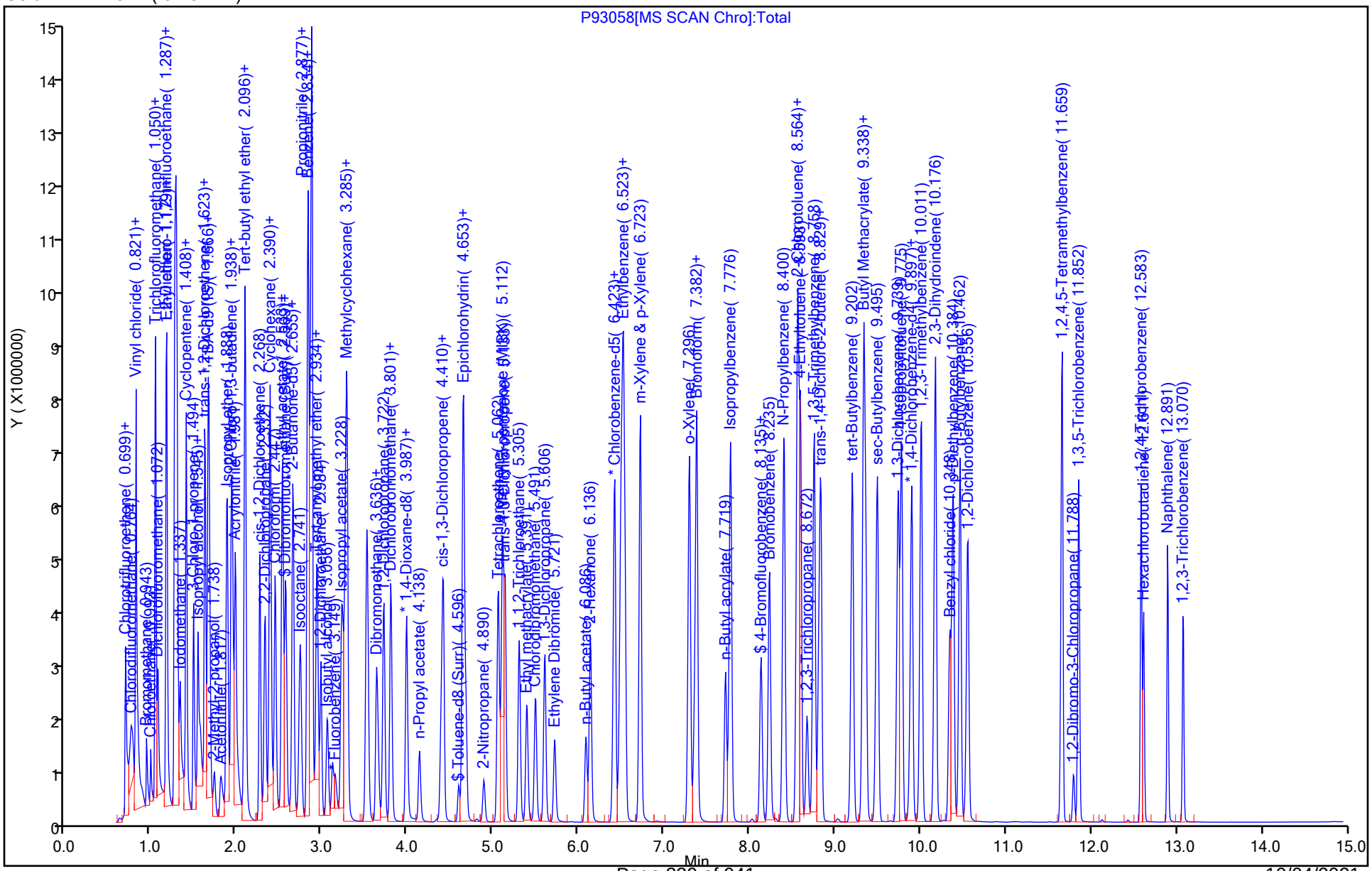
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

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

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

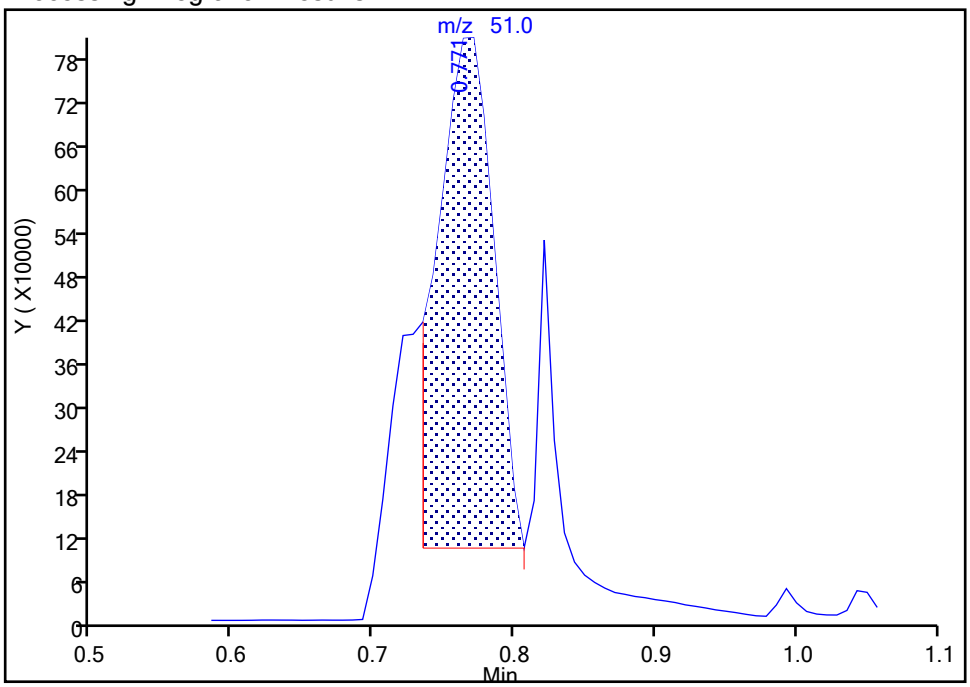
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 168 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

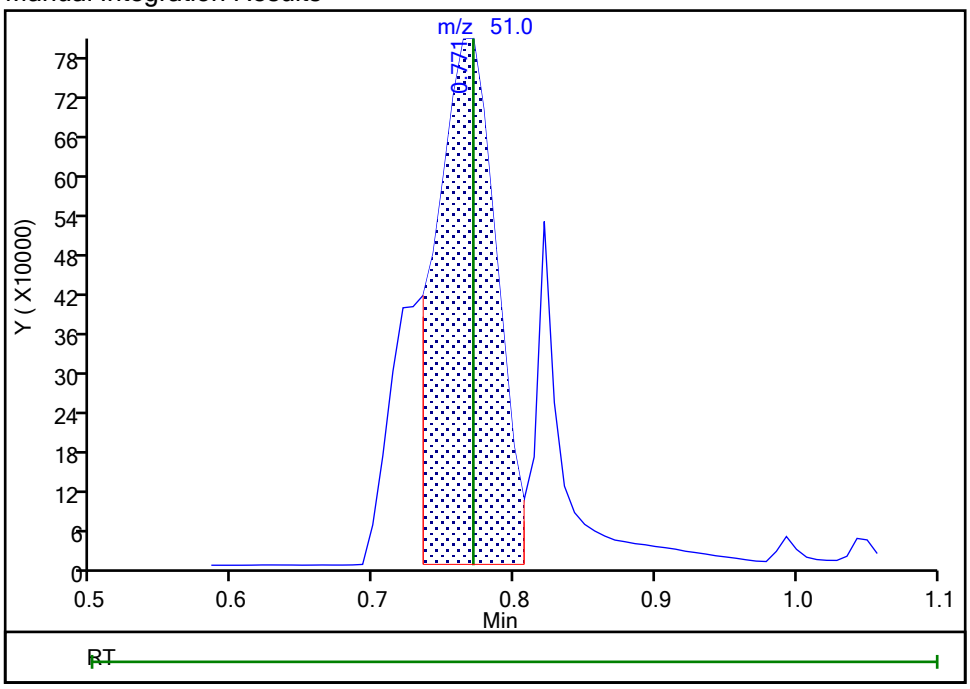
Processing Integration Results

RT: 0.77
Area: 1957309
Amount: 394.2193
Amount Units: ug/l




Manual Integration Results

RT: 0.77
Area: 2421366
Amount: 472.9497
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:26:45
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

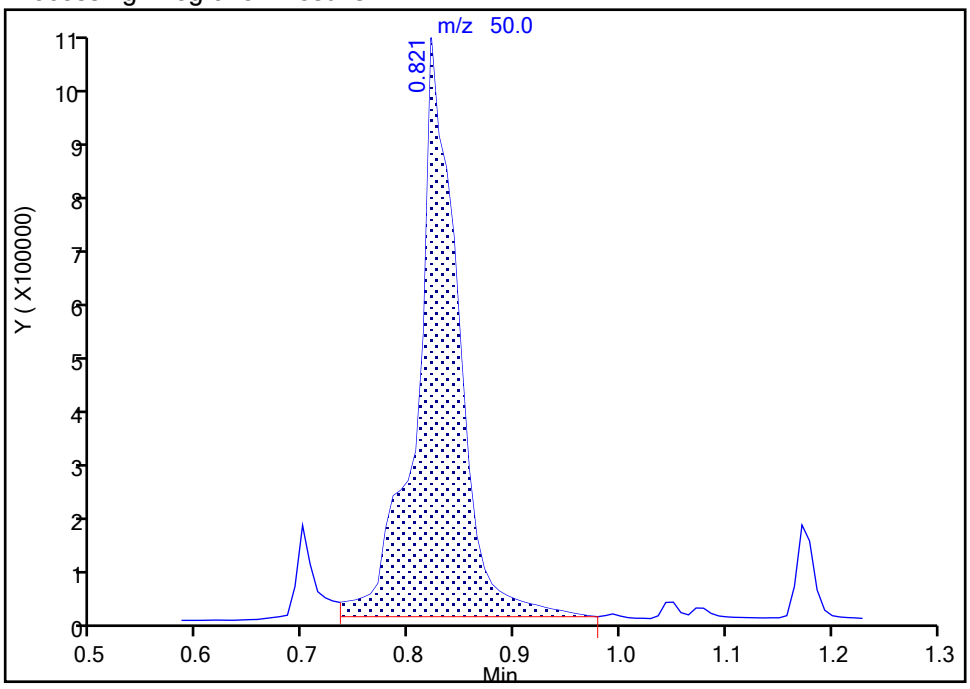
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

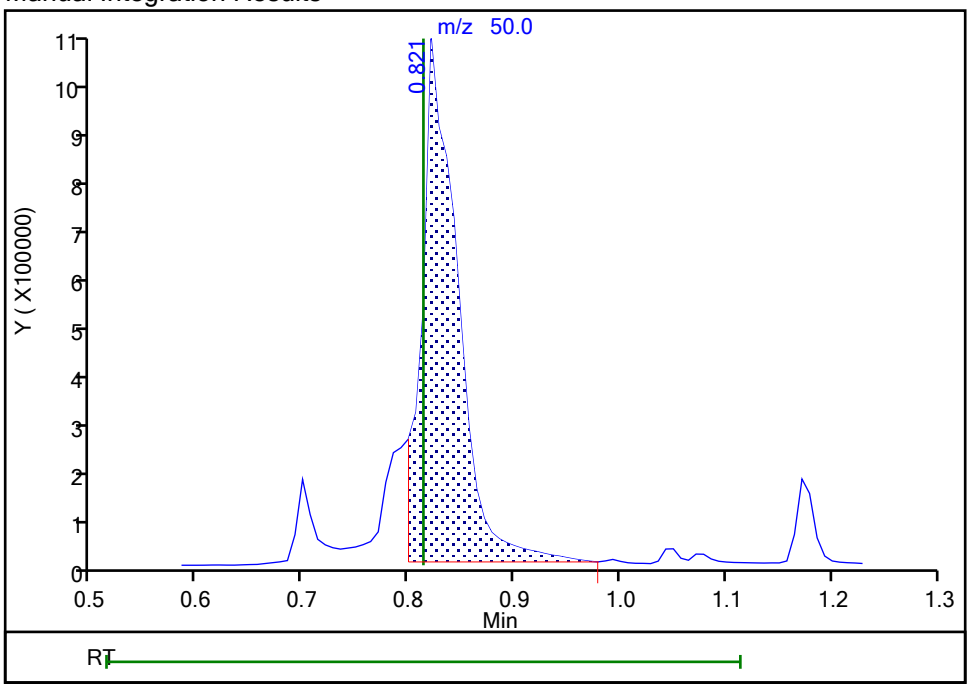
Processing Integration Results

RT: 0.82
Area: 2726967
Amount: 614.0817
Amount Units: ug/l




Manual Integration Results

RT: 0.82
Area: 2384922
Amount: 551.2093
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:26:20
Audit Action: Split an Integrated Peak Audit Reason: Shouldering

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

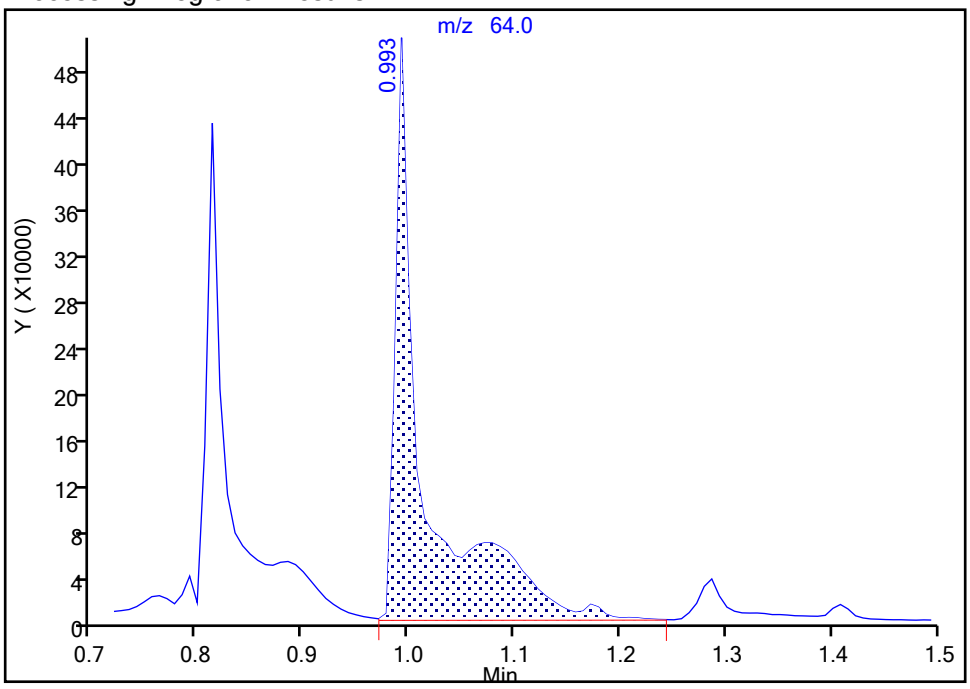
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Signal: 1

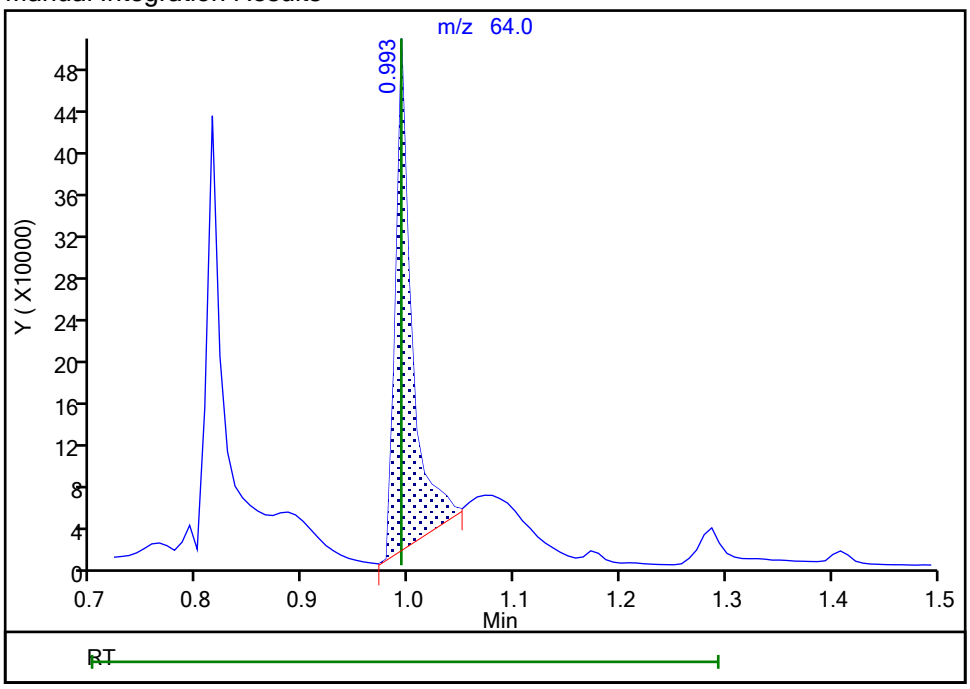
Processing Integration Results

RT: 0.99
Area: 939417
Amount: 506.2341
Amount Units: ug/l




Manual Integration Results

RT: 0.99
Area: 522710
Amount: 282.3827
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:27:09
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

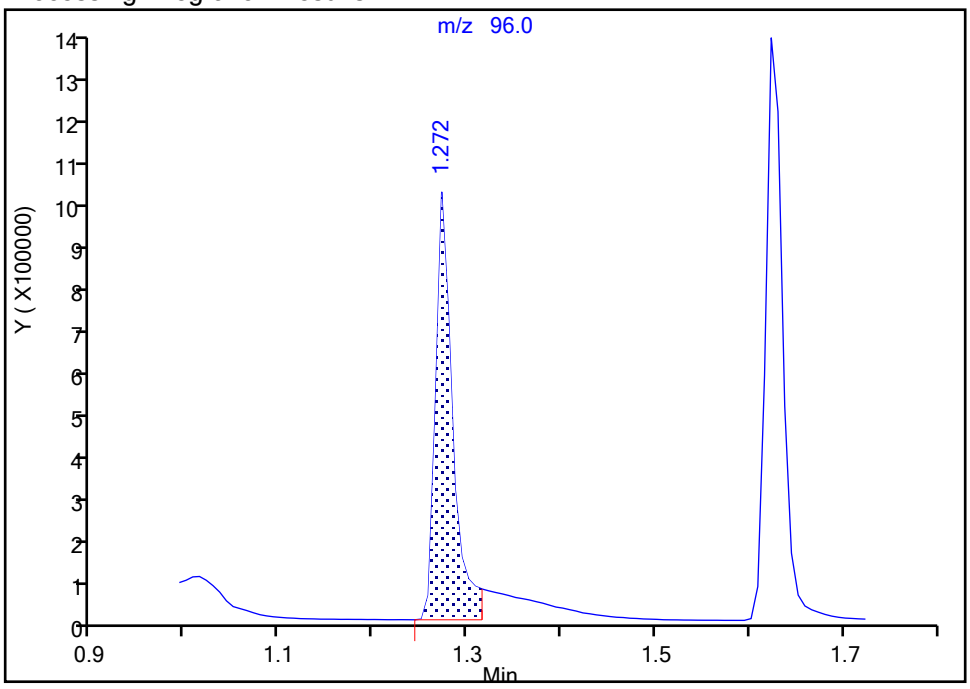
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

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

Signal: 1

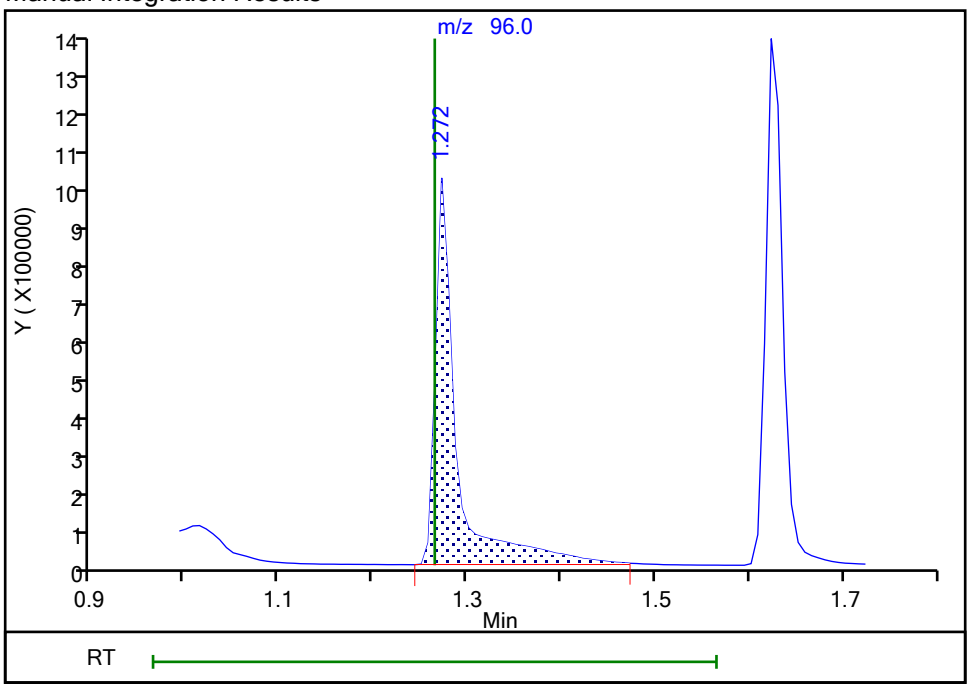
Processing Integration Results

RT: 1.27
Area: 1215034
Amount: 459.6086
Amount Units: ug/l




Manual Integration Results

RT: 1.27
Area: 1490973
Amount: 545.0245
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:27:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

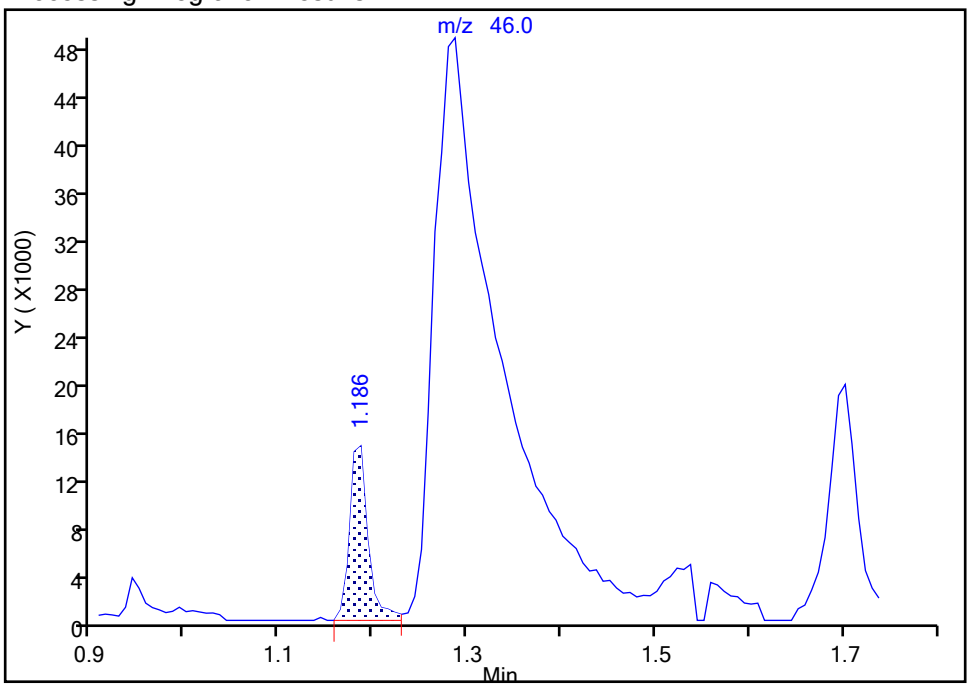
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 Ethanol, CAS: 64-17-5

Signal: 1

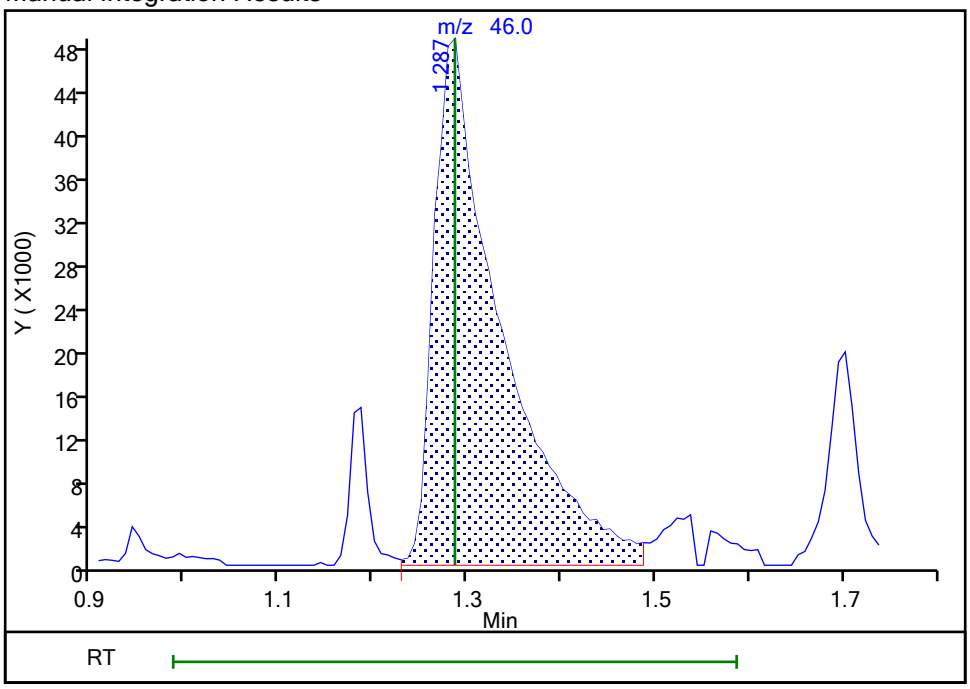
Processing Integration Results

RT: 1.19
Area: 19910
Amount: 1633.1601
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 241136
Amount: 16711
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:27:31
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

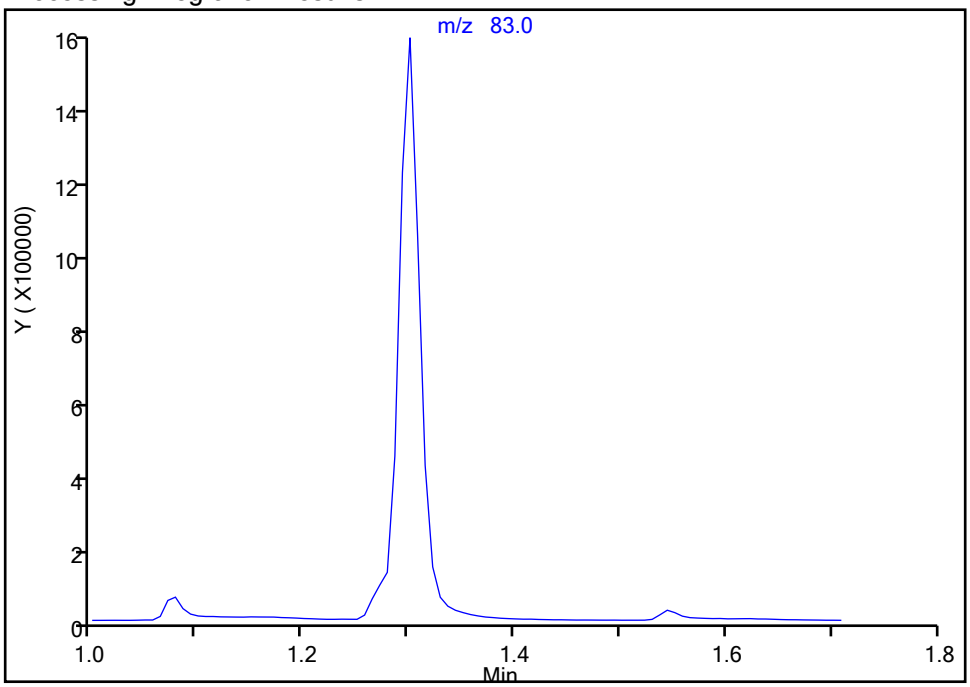
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 174 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

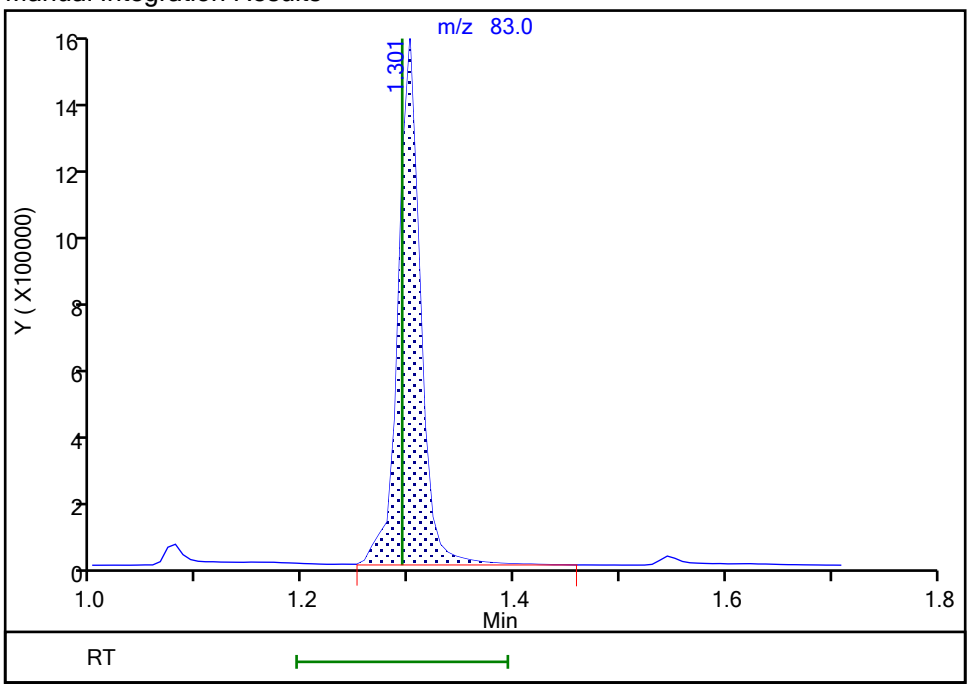
Not Detected
Expected RT: 1.29

Processing Integration Results




Manual Integration Results

RT: 1.30
Area: 2281381
Amount: 518.1126
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:27:38
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

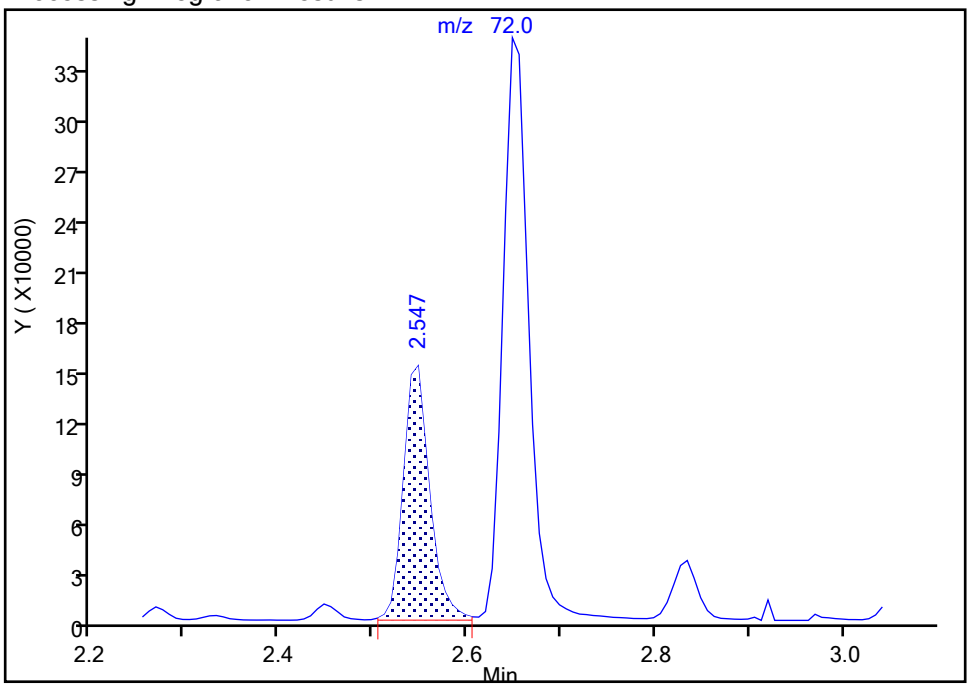
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 54 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

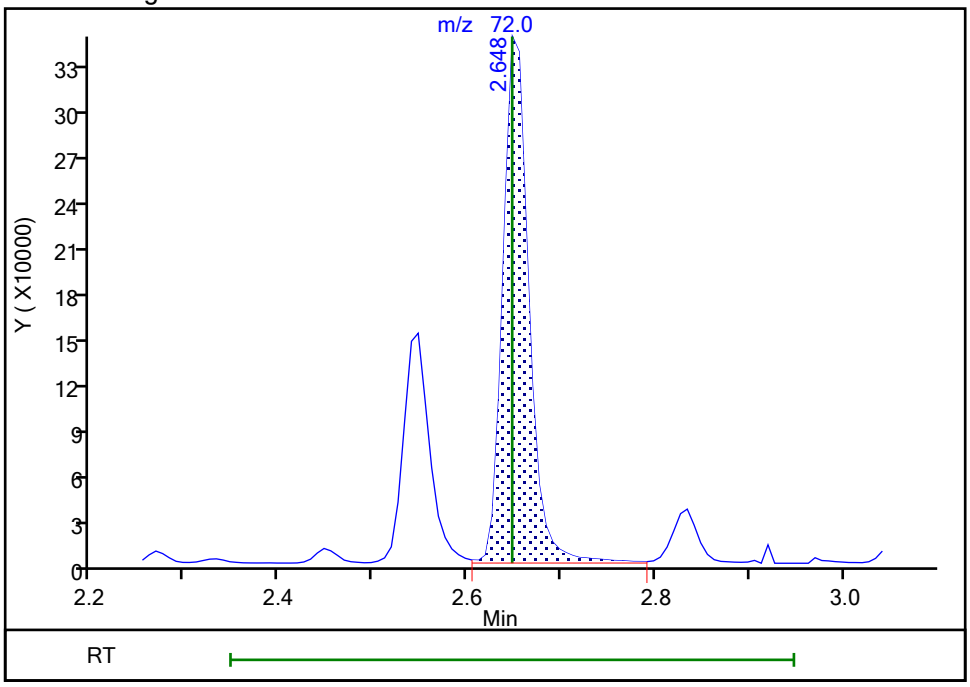
Processing Integration Results

RT: 2.55
Area: 295327
Amount: 1253.5943
Amount Units: ug/l




Manual Integration Results

RT: 2.65
Area: 669684
Amount: 2376.8734
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:27:52
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

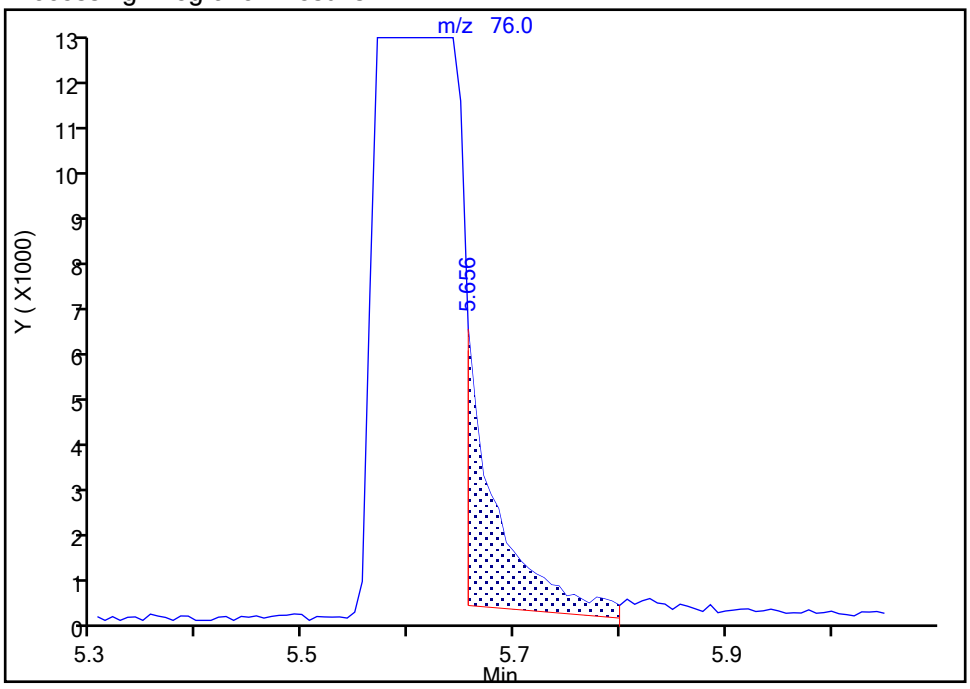
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 92 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

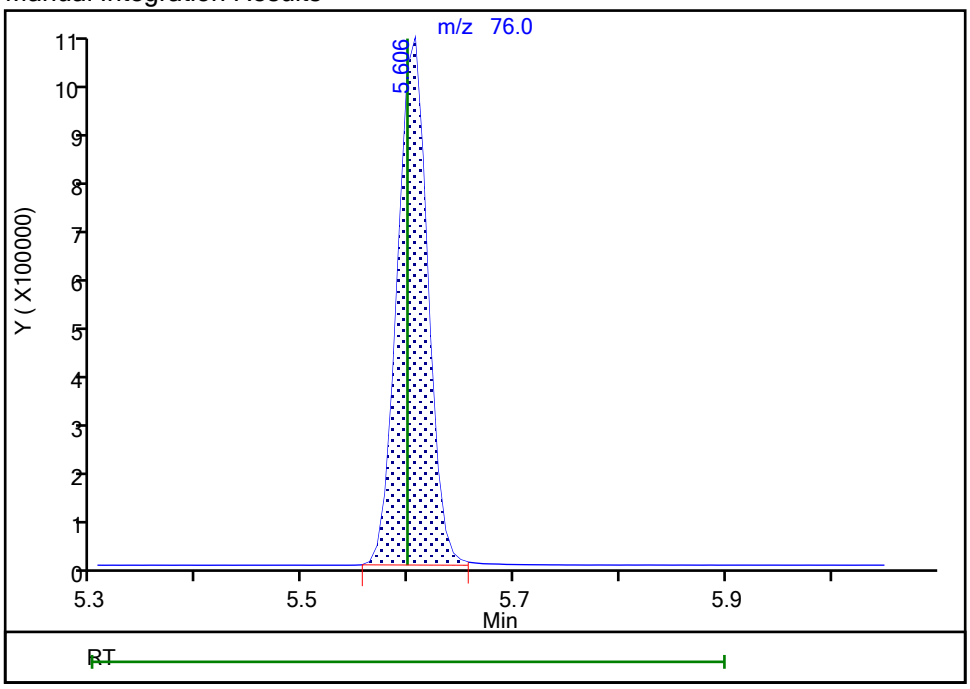
Processing Integration Results

RT: 5.66
Area: 12020
Amount: 3.930423
Amount Units: ug/l




Manual Integration Results

RT: 5.61
Area: 2167639
Amount: 478.6802
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:28:09
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

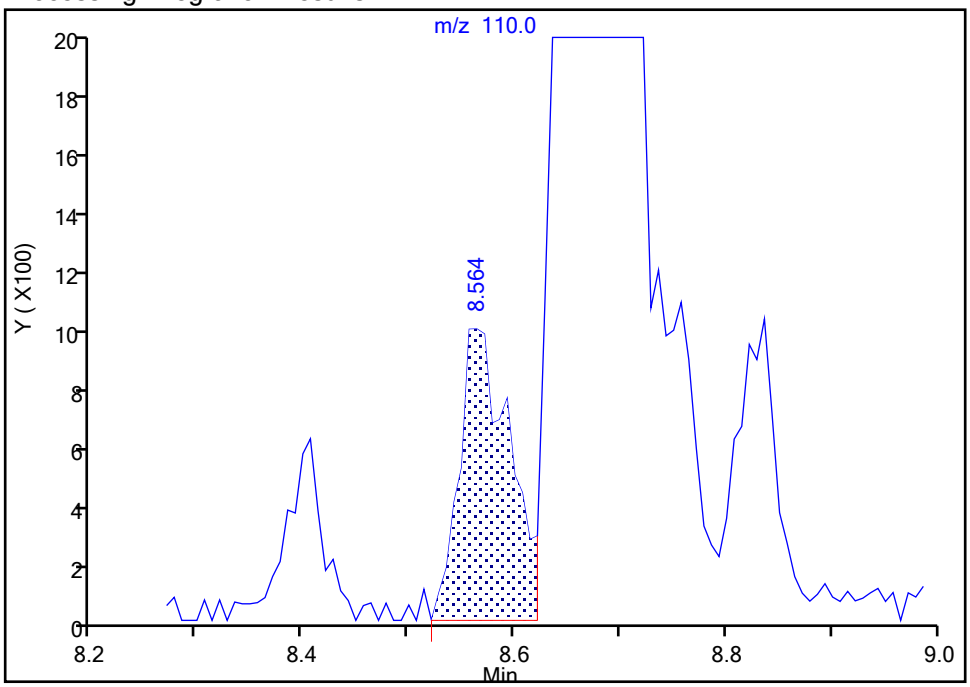
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 113 1,2,3-Trichloropropane, CAS: 96-18-4

Signal: 1

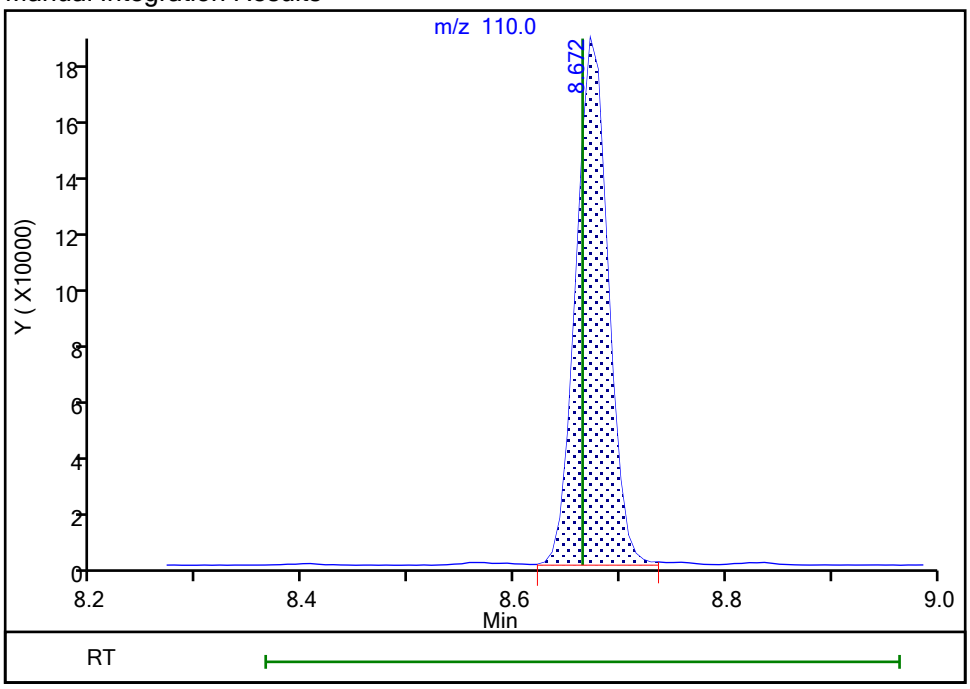
Processing Integration Results

RT: 8.56
Area: 3310
Amount: 4.615287
Amount Units: ug/l




Manual Integration Results

RT: 8.67
Area: 401679
Amount: 472.5794
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:28:22
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

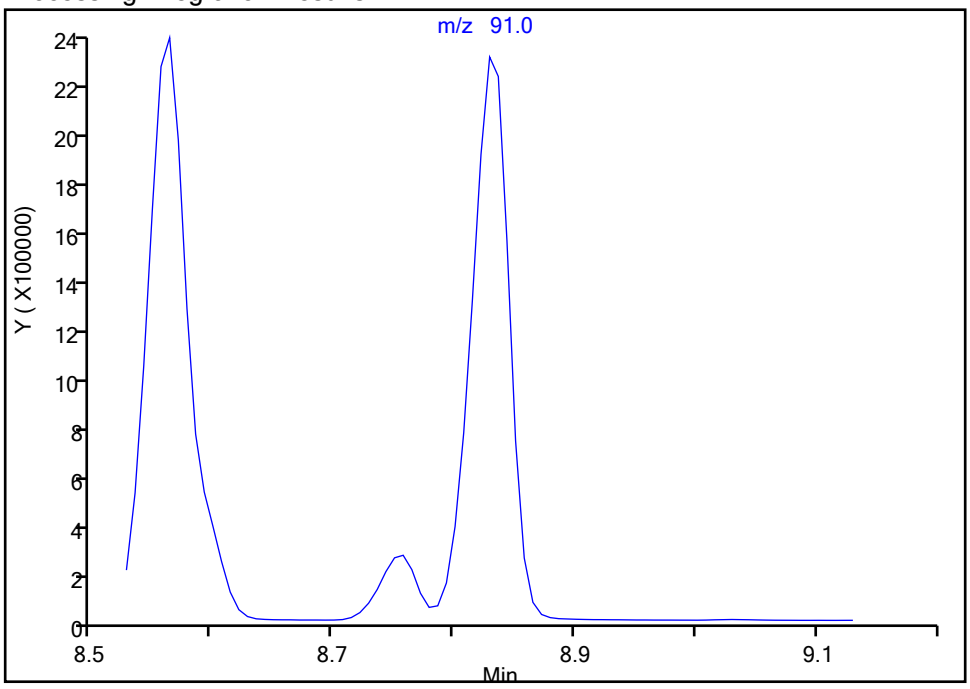
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 116 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

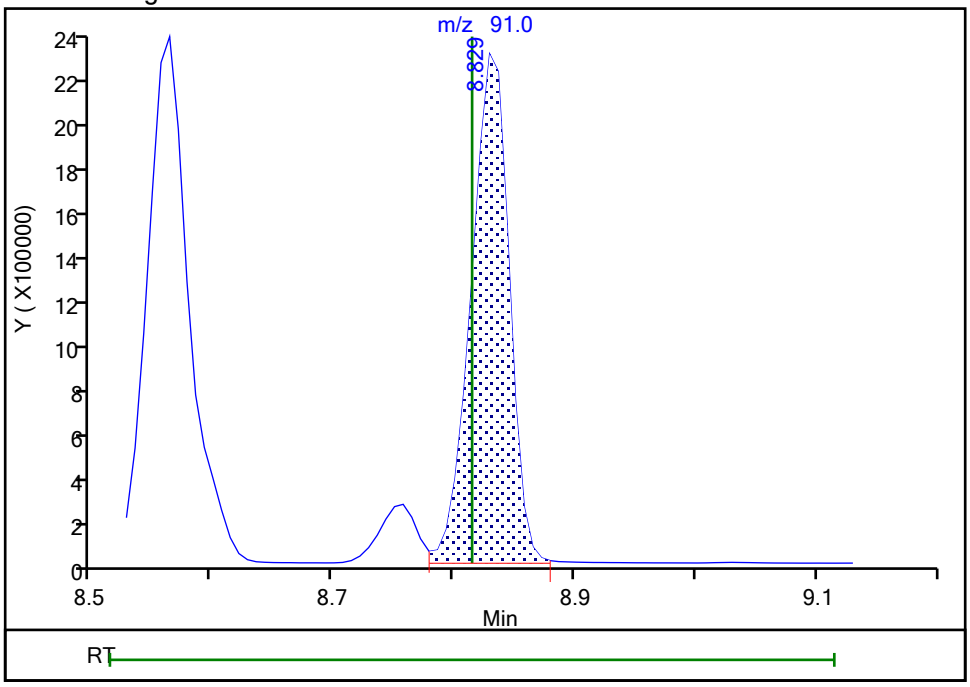
Not Detected
Expected RT: 8.81

Processing Integration Results




Manual Integration Results

RT: 8.83
Area: 5101864
Amount: 502.5275
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:28:27
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

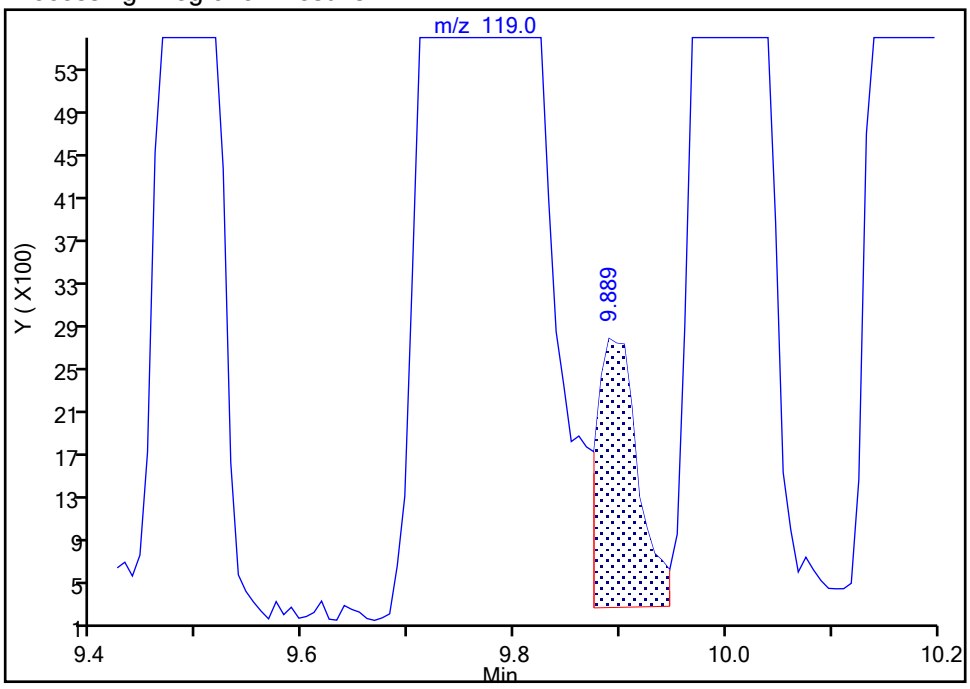
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 122 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

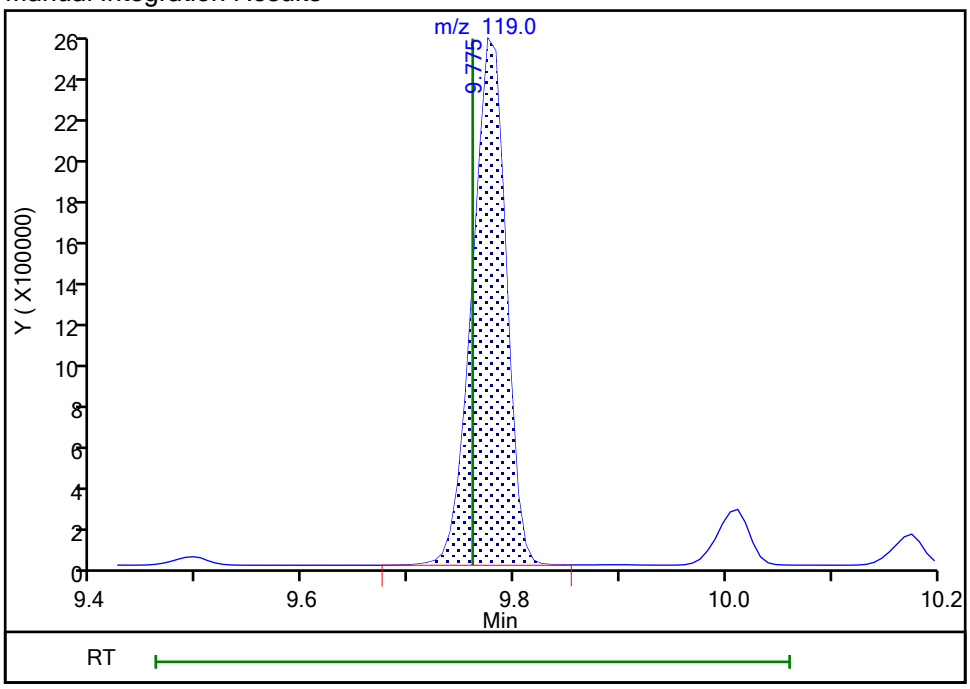
Processing Integration Results

RT: 9.89
Area: 6768
Amount: 0.681864
Amount Units: ug/l




Manual Integration Results

RT: 9.77
Area: 5772413
Amount: 487.2217
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:28:36
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

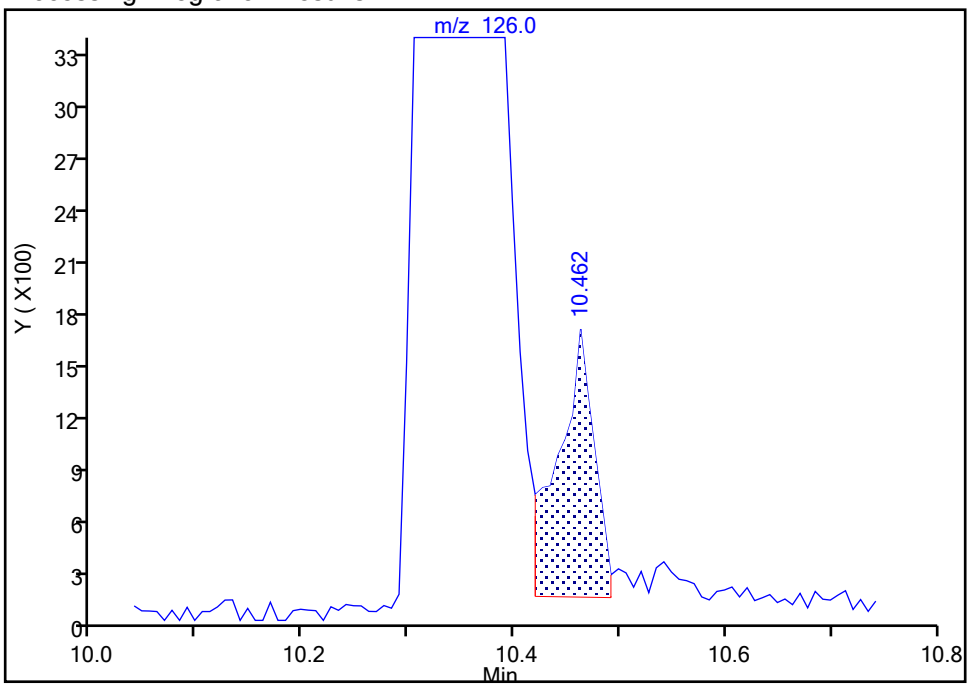
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D
Injection Date: 12-Sep-2021 13:49:30 Instrument ID: CVOAMS13
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 127 Benzyl chloride, CAS: 100-44-7

Signal: 1

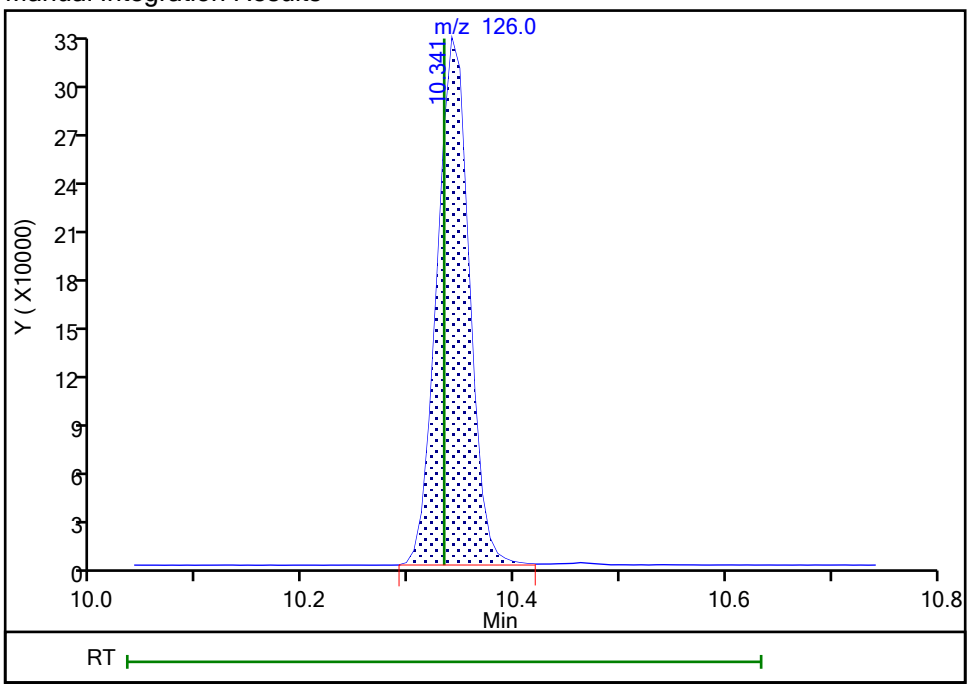
Processing Integration Results

RT: 10.46
Area: 3691
Amount: 3.243642
Amount Units: ug/l




Manual Integration Results

RT: 10.34
Area: 693704
Amount: 507.1222
Amount Units: ug/l




Reviewer: delpolitov, 13-Sep-2021 17:28:42
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

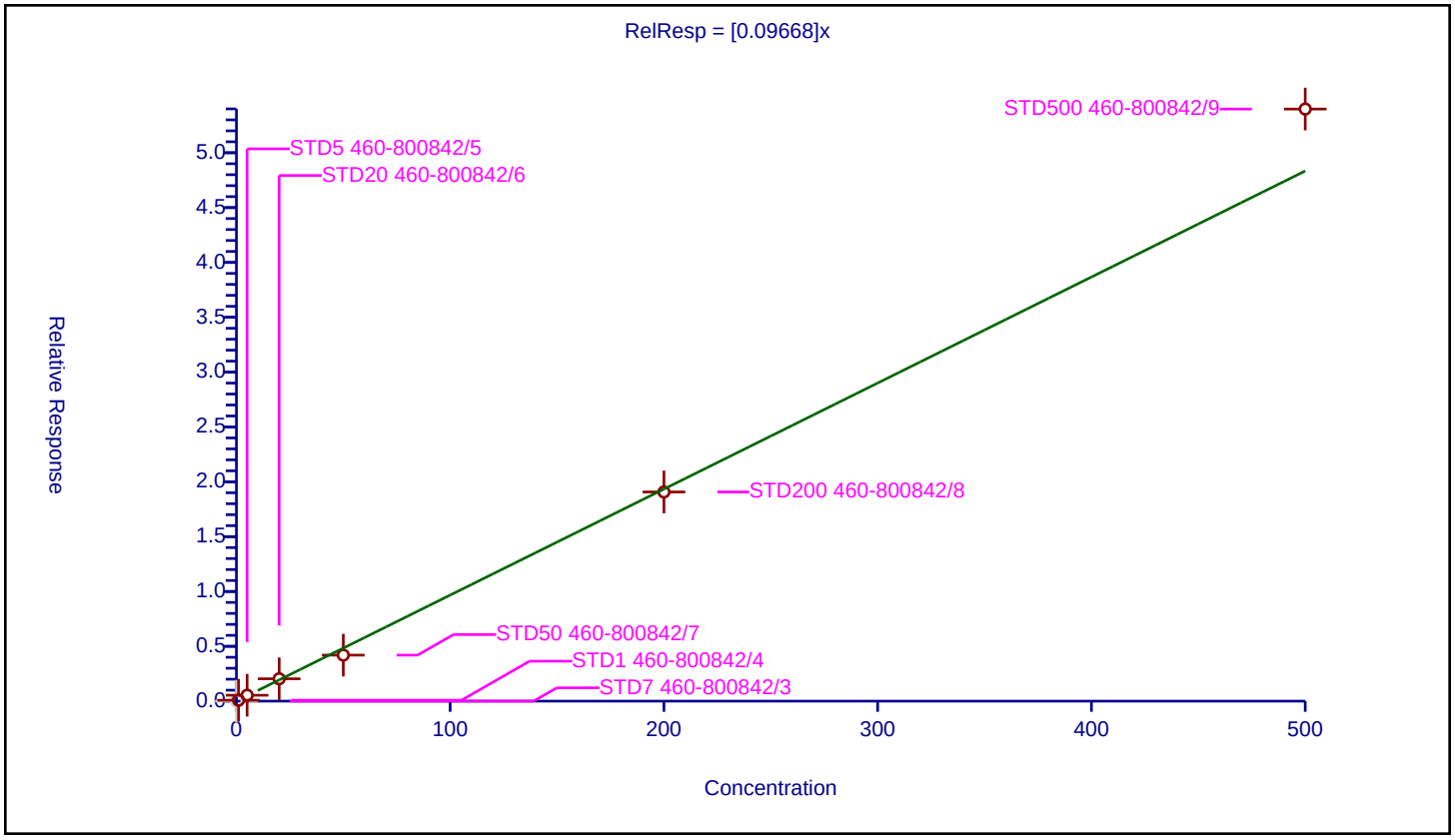
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09668 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 280000 |
| **Relative Standard Error:** | 11.5 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.083287 | 50.0 | 555310.0 | 0.083287 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.53842 | 50.0 | 536106.0 | 0.107684 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 2.037514 | 50.0 | 543530.0 | 0.101876 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 4.195115 | 50.0 | 535325.0 | 0.083902 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 19.070859 | 50.0 | 531405.0 | 0.095354 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 53.986532 | 50.0 | 546327.0 | 0.107973 | Y |



## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

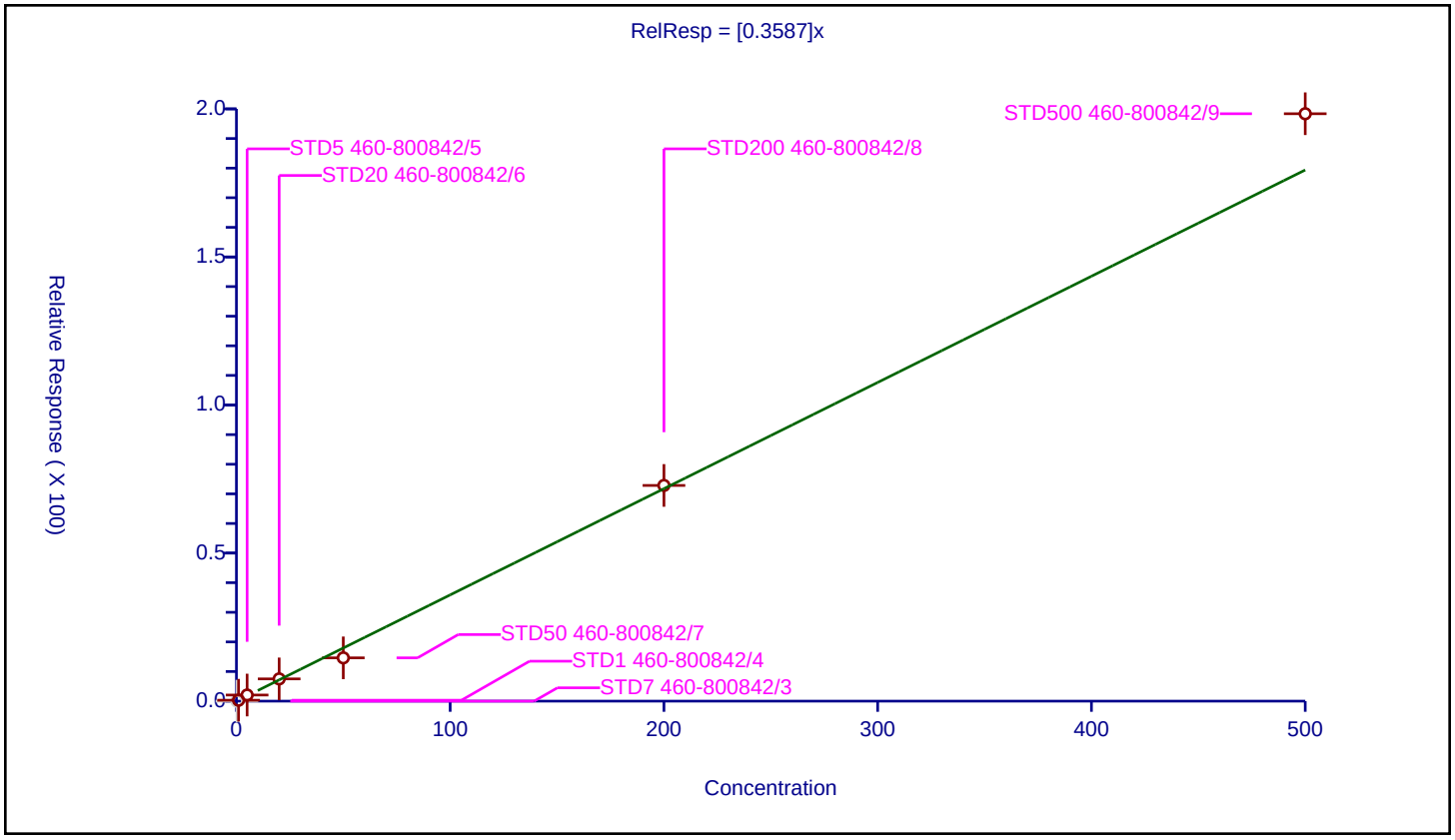
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3587 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1030000 |
| **Relative Standard Error:** | 13.3 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.981 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.25 | 0.0 | 50.0 | 537064.0 | 0.0 | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.310187 | 50.0 | 555310.0 | 0.310187 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.065356 | 50.0 | 536106.0 | 0.413071 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 7.515041 | 50.0 | 543530.0 | 0.375752 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 14.622426 | 50.0 | 535325.0 | 0.292449 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 72.836913 | 50.0 | 531405.0 | 0.364185 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 198.365265 | 50.0 | 546327.0 | 0.396731 | Y |



## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

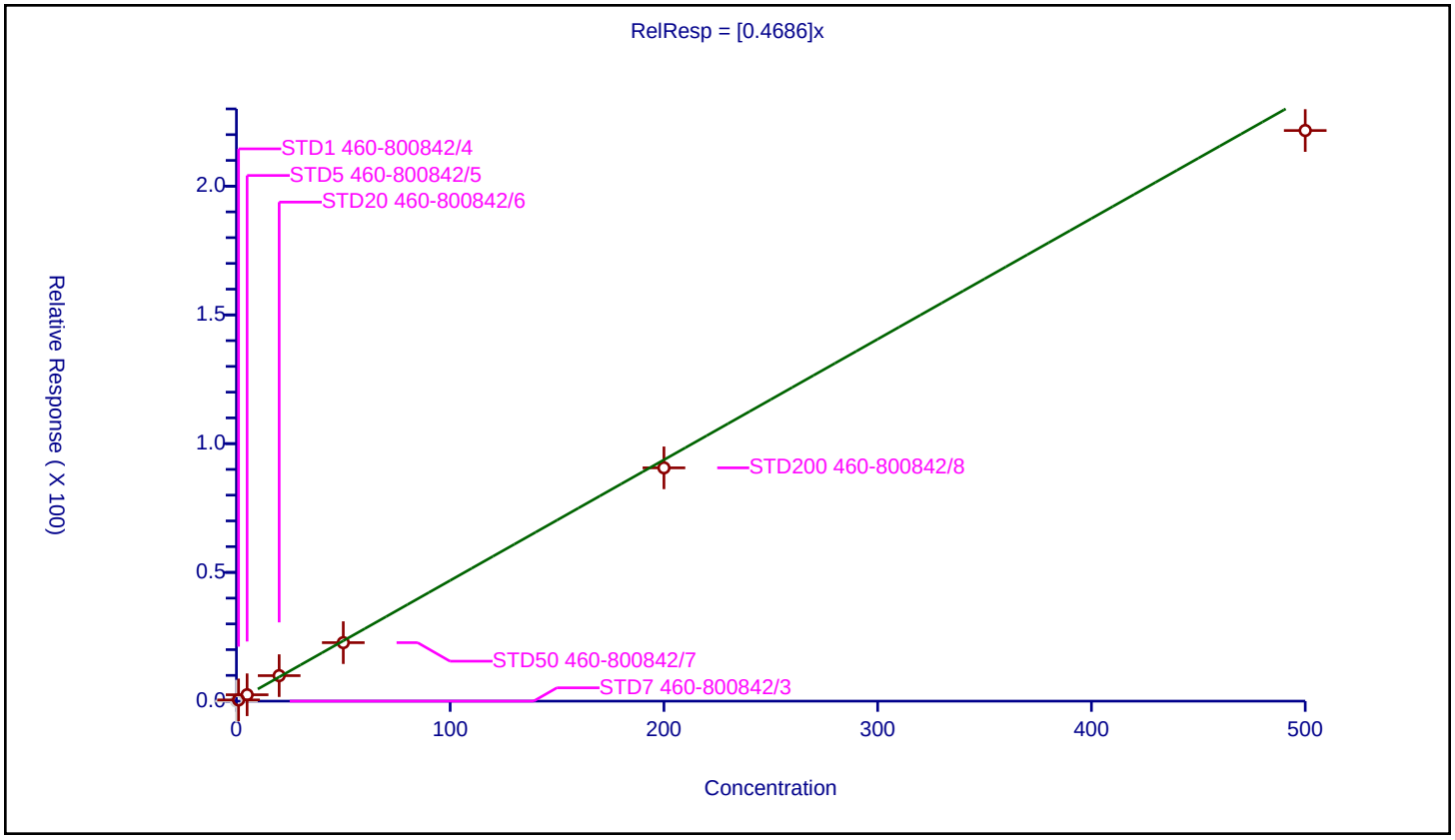
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4686 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1170000 |
| **Relative Standard Error:** | 4.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.470008 | 50.0 | 555310.0 | 0.470008 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.478241 | 50.0 | 536106.0 | 0.495648 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 9.902305 | 50.0 | 543530.0 | 0.495115 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 22.718722 | 50.0 | 535325.0 | 0.454374 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 90.598131 | 50.0 | 531405.0 | 0.452991 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 221.604094 | 50.0 | 546327.0 | 0.443208 | Y |



## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

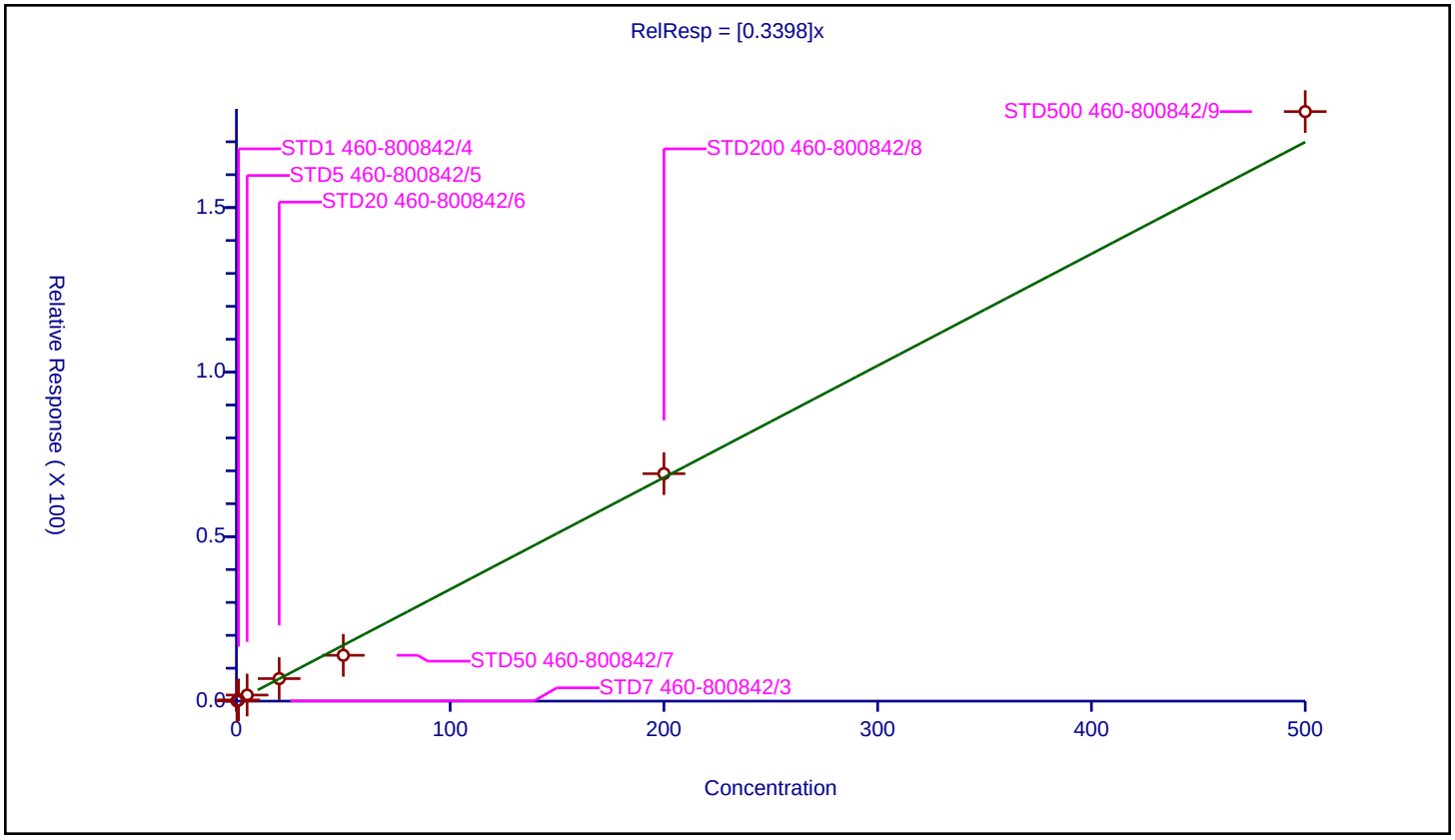
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3398 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 856000 |
| **Relative Standard Error:** | 9.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.25 | 0.079972 | 50.0 | 537064.0 | 0.319887 | Y |
| 2 | STD1 460-800842/4 | 1.0 | 0.364211 | 50.0 | 555310.0 | 0.364211 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.848608 | 50.0 | 536106.0 | 0.369722 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 6.845436 | 50.0 | 543530.0 | 0.342272 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 13.938729 | 50.0 | 535325.0 | 0.278775 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 69.141333 | 50.0 | 531405.0 | 0.345707 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 179.181424 | 50.0 | 546327.0 | 0.358363 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

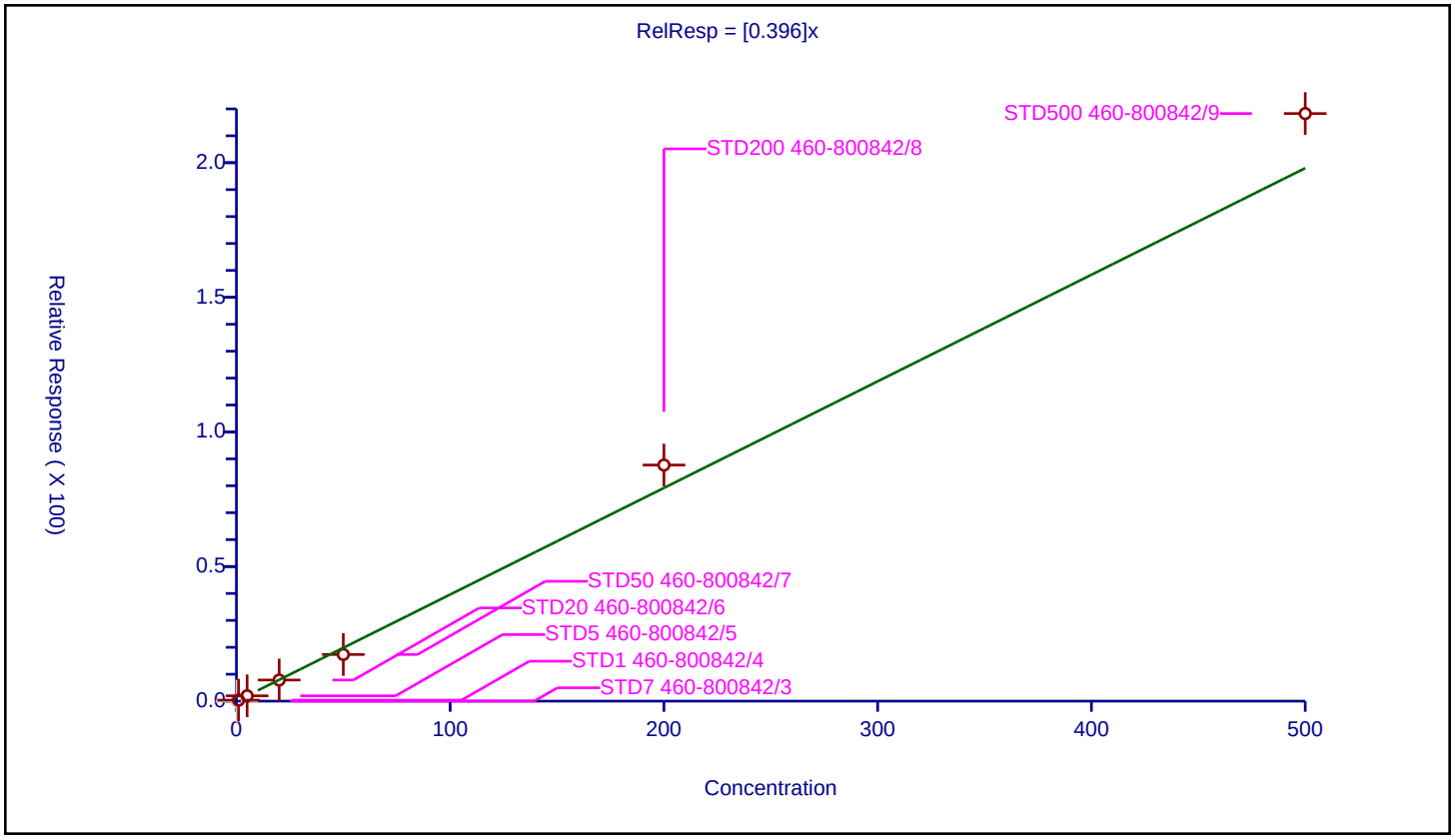
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.396 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1150000 |
| **Relative Standard Error:** | 9.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.25 | 0.0 | 50.0 | 537064.0 | 0.0 | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.368173 | 50.0 | 555310.0 | 0.368173 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.970226 | 50.0 | 536106.0 | 0.394045 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 7.840506 | 50.0 | 543530.0 | 0.392025 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 17.3305 | 50.0 | 535325.0 | 0.34661 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 87.699777 | 50.0 | 531405.0 | 0.438499 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 218.268729 | 50.0 | 546327.0 | 0.436537 | Y |



## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

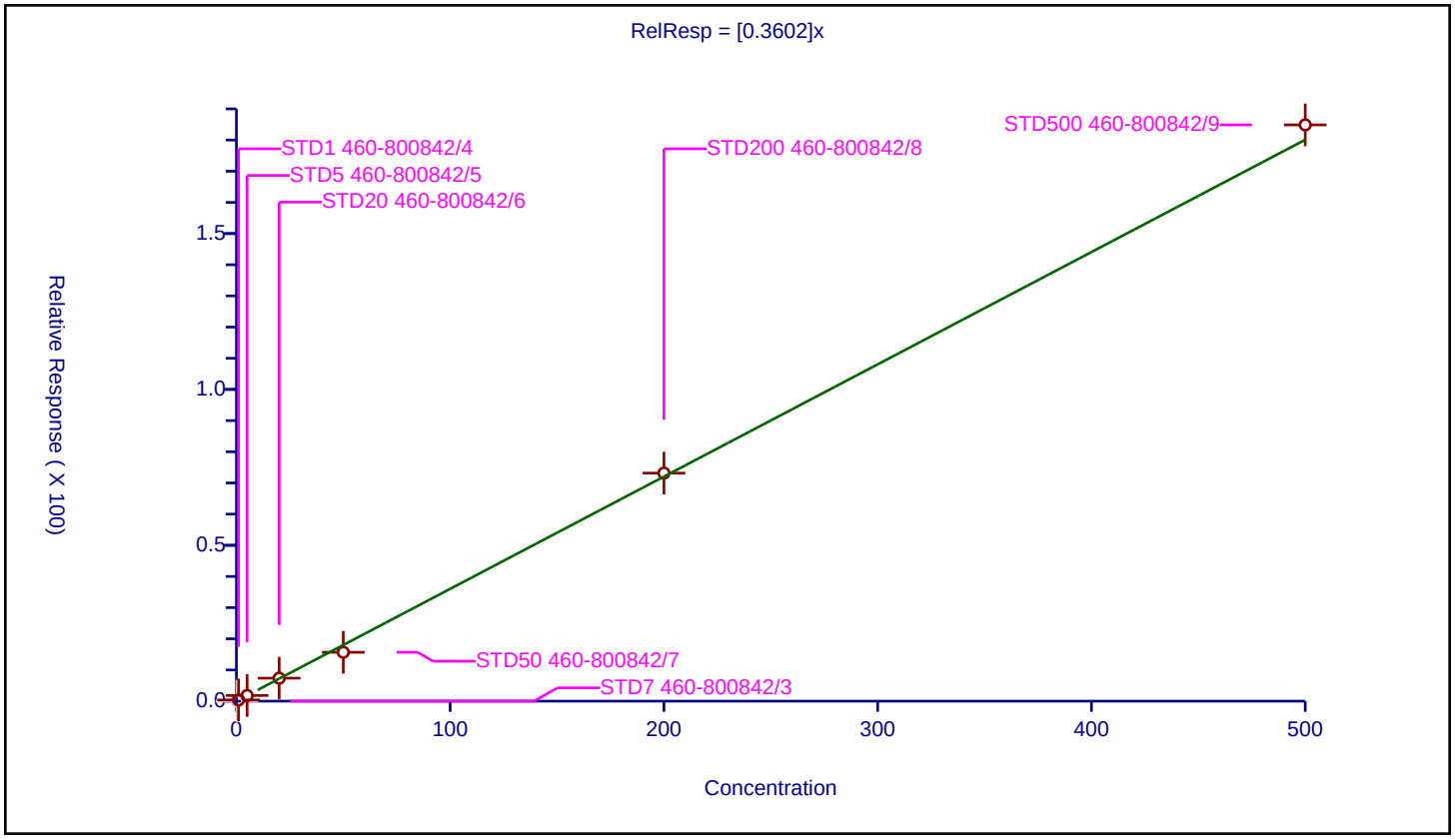
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3602 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 971000 |
| **Relative Standard Error:** | 6.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.25 | 0.0 | 50.0 | 537064.0 | 0.0 | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.380868 | 50.0 | 555310.0 | 0.380868 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.813074 | 50.0 | 536106.0 | 0.362615 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 7.372914 | 50.0 | 543530.0 | 0.368646 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 15.672629 | 50.0 | 535325.0 | 0.313453 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 73.149575 | 50.0 | 531405.0 | 0.365748 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 184.866847 | 50.0 | 546327.0 | 0.369734 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

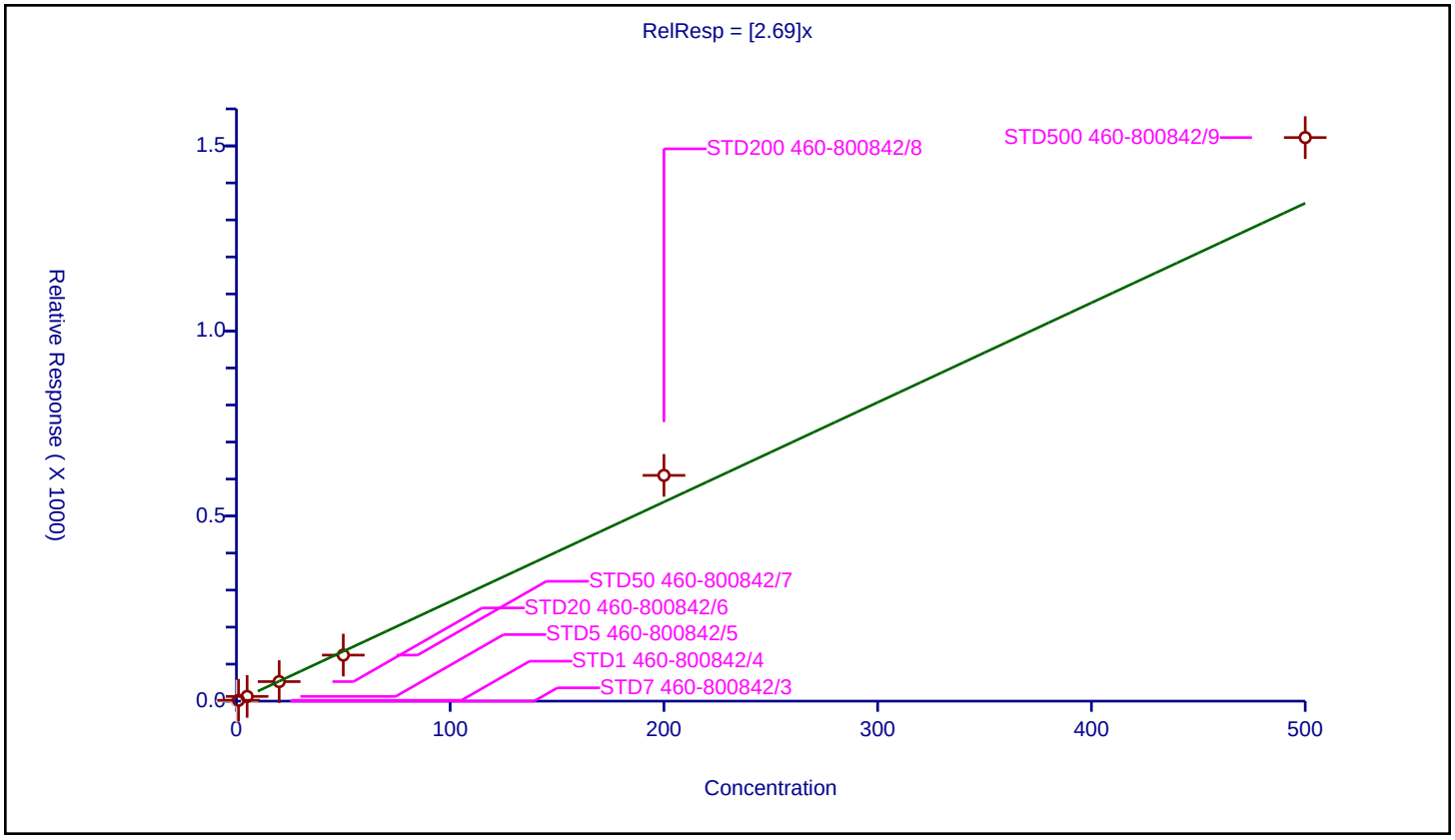
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.69 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 537000 |
| **Relative Standard Error:** | 10.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.25 | 0.0 | 250.0 | 198122.0 | 0.0 | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.368118 | 250.0 | 189602.0 | 2.368118 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 12.771028 | 250.0 | 176043.0 | 2.554206 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 52.751091 | 250.0 | 169769.0 | 2.637555 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 124.391512 | 250.0 | 173997.0 | 2.48783 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 609.8879 | 250.0 | 181535.0 | 3.04944 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1522.524701 | 250.0 | 182988.0 | 3.045049 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

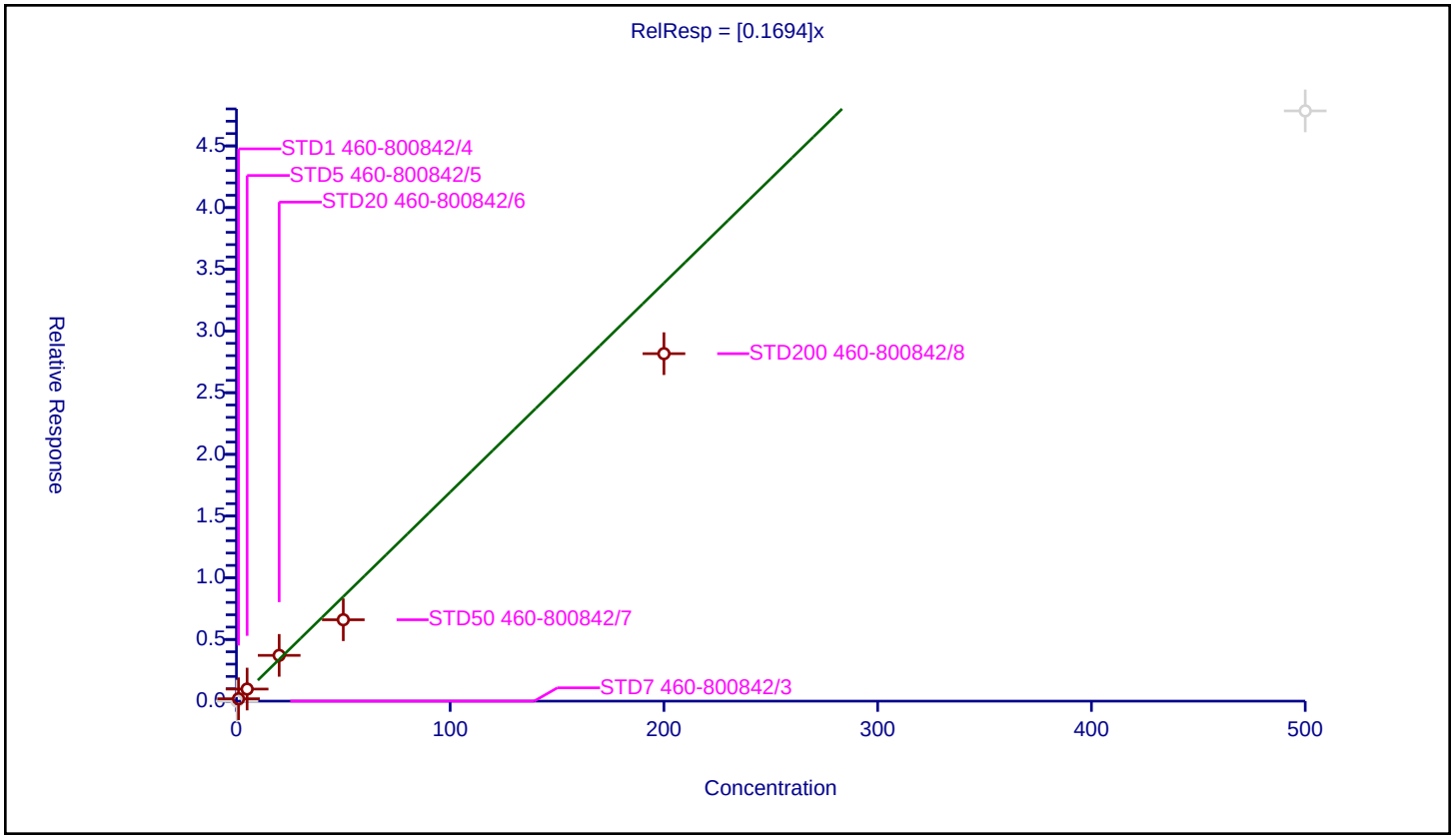
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1694 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 155000 |
| **Relative Standard Error:** | 18.0 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.958 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.25 | 0.0 | 50.0 | 537064.0 | 0.0 | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.192955 | 50.0 | 555310.0 | 0.192955 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.979191 | 50.0 | 536106.0 | 0.195838 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 3.710559 | 50.0 | 543530.0 | 0.185528 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 6.596086 | 50.0 | 535325.0 | 0.131922 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 28.16176 | 50.0 | 531405.0 | 0.140809 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 47.838566 | 50.0 | 546327.0 | 0.095677 | N |



## Calibration / Pentane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

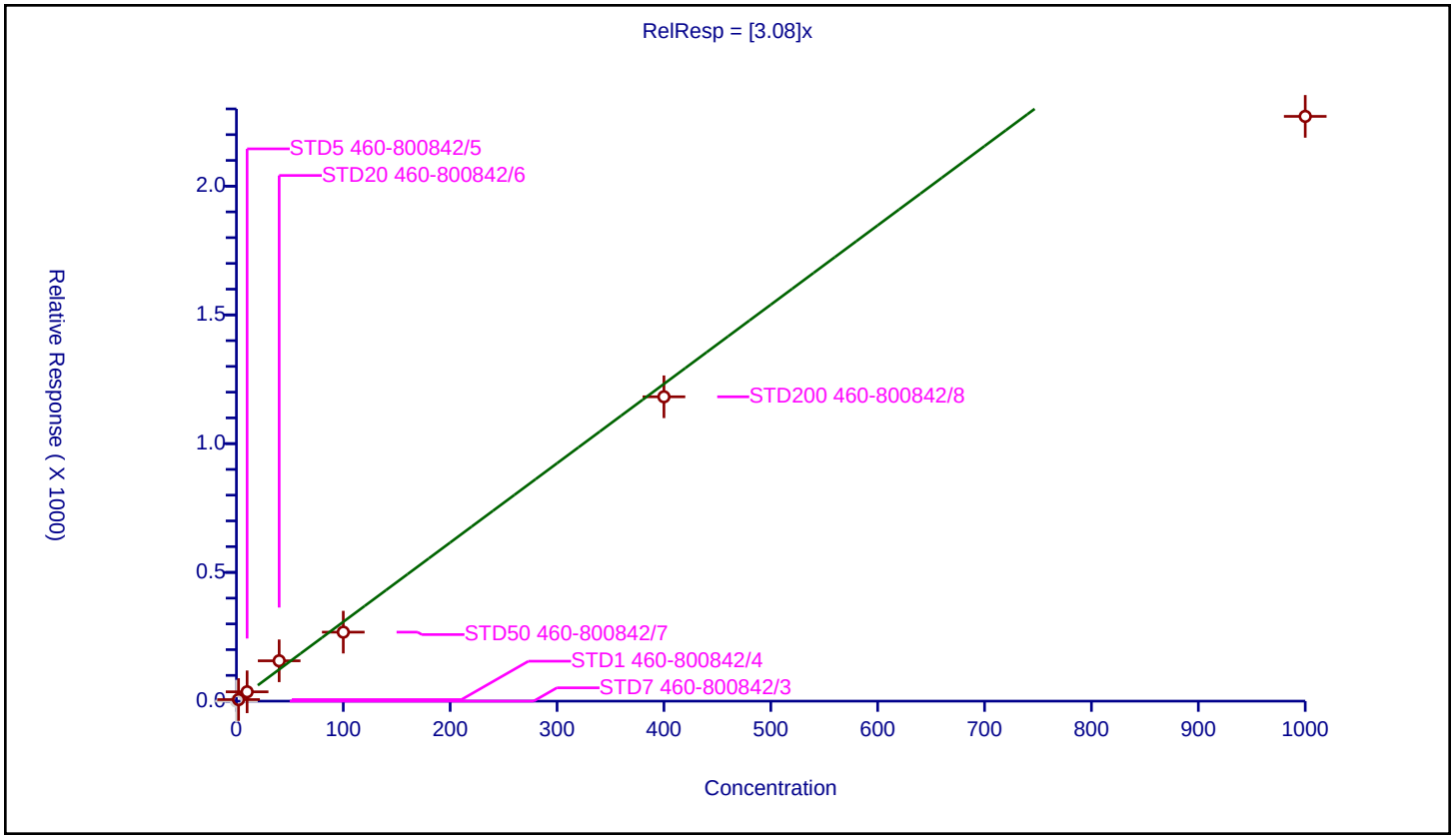
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.08 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 172000 |
| **Relative Standard Error:** | 19.6 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.958 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 2.0 | 6.066111 | 1000.0 | 160729.0 | 3.033056 | Y |
| 3 | STD5 460-800842/5 | 10.0 | 36.234385 | 1000.0 | 144890.0 | 3.623438 | Y |
| 4 | STD20 460-800842/6 | 40.0 | 156.623073 | 1000.0 | 129834.0 | 3.915577 | Y |
| 5 | STD50 460-800842/7 | 100.0 | 267.923612 | 1000.0 | 139969.0 | 2.679236 | Y |
| 6 | STD200 460-800842/8 | 400.0 | 1181.961613 | 1000.0 | 141975.0 | 2.954904 | Y |
| 7 | STD500 460-800842/9 | 1000.0 | 2270.972605 | 1000.0 | 152580.0 | 2.270973 | Y |



## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

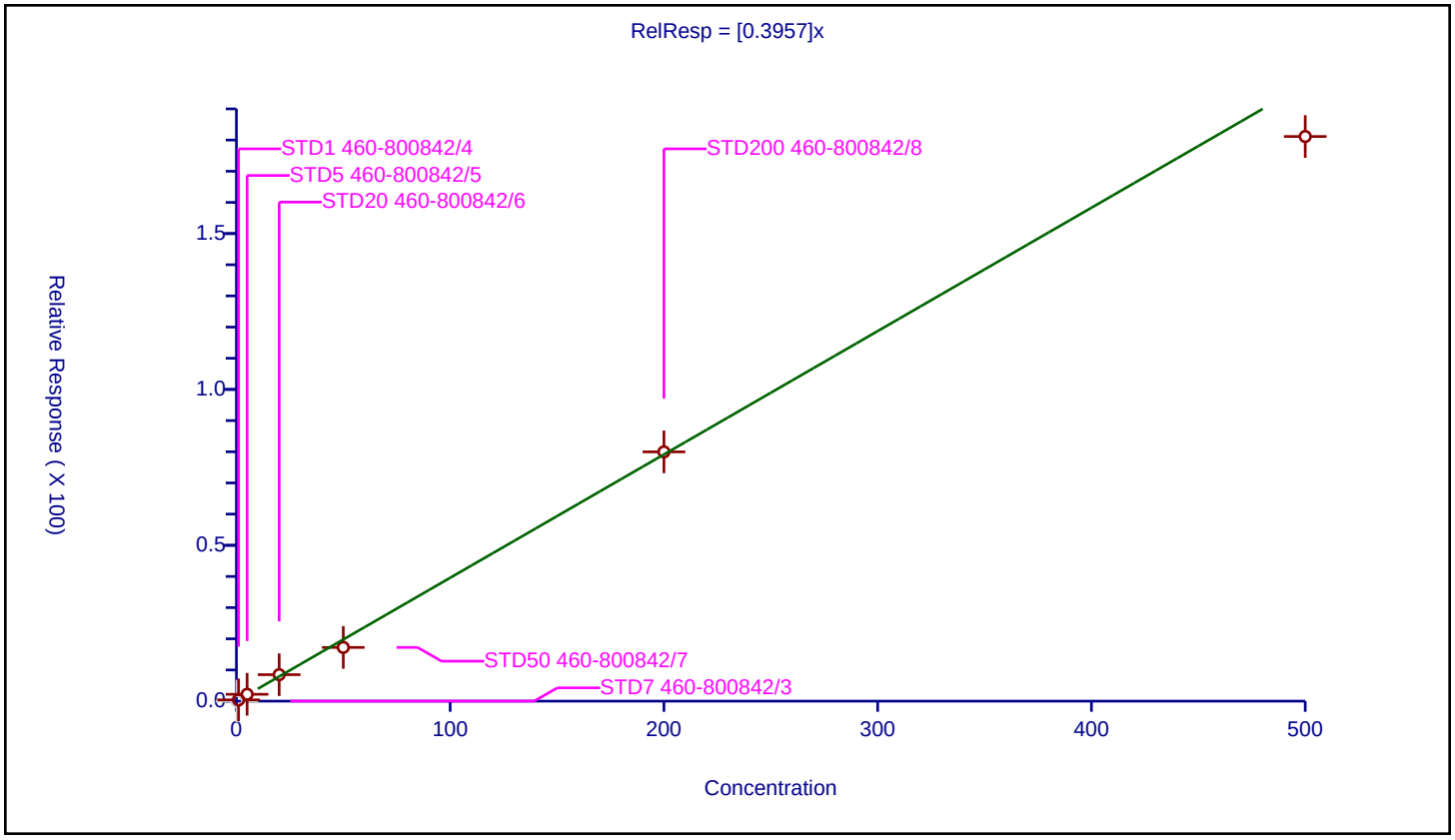
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3957 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 968000 |
| **Relative Standard Error:** | 9.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.25 | 0.0 | 50.0 | 537064.0 | 0.0 | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.403468 | 50.0 | 555310.0 | 0.403468 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.197513 | 50.0 | 536106.0 | 0.439503 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 8.490516 | 50.0 | 543530.0 | 0.424526 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 17.23383 | 50.0 | 535325.0 | 0.344677 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 79.971679 | 50.0 | 531405.0 | 0.399858 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 181.140965 | 50.0 | 546327.0 | 0.362282 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

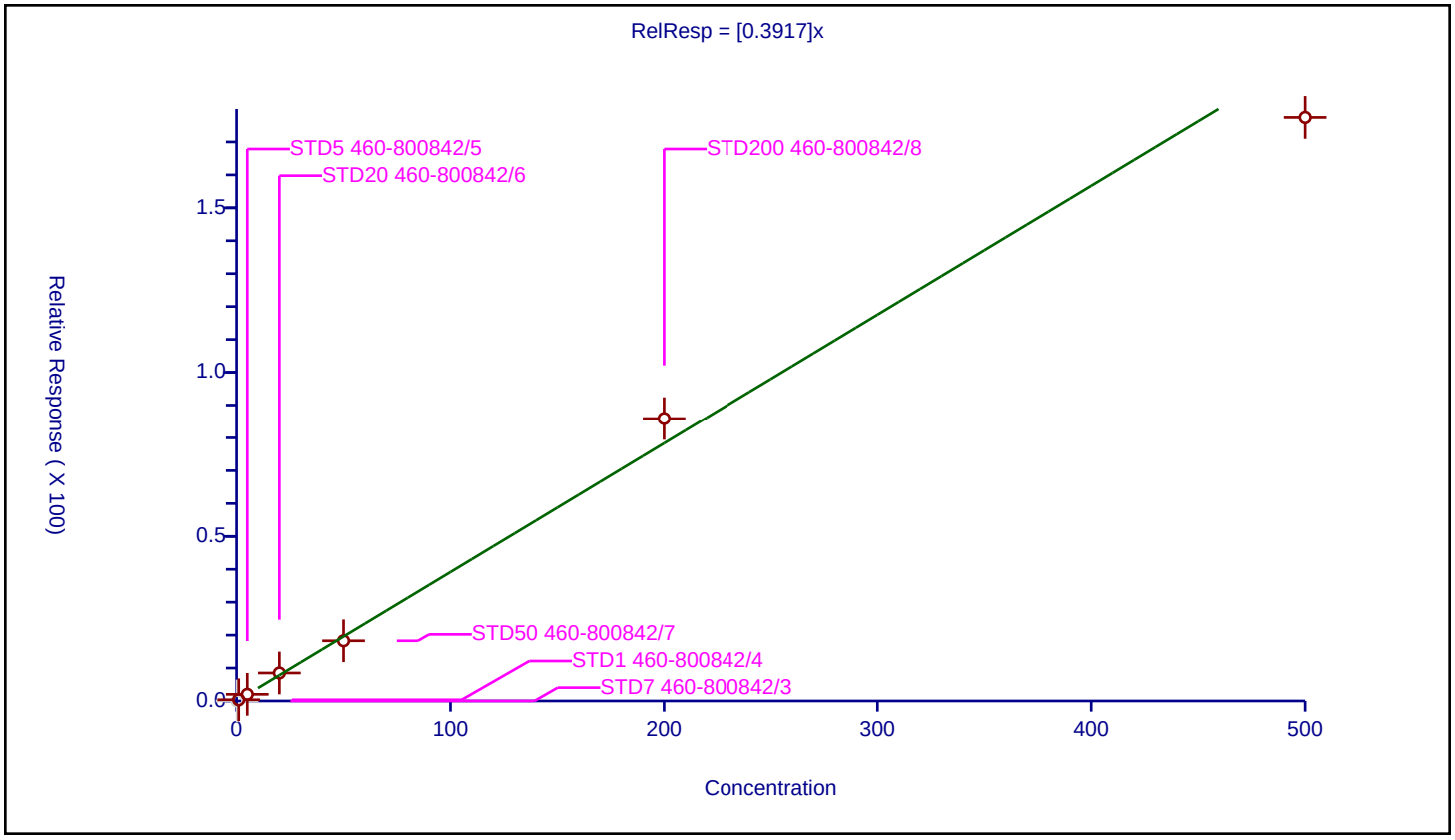
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3917 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 963000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.25 | 0.0 | 50.0 | 537064.0 | 0.0 | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.371774 | 50.0 | 555310.0 | 0.371774 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.016859 | 50.0 | 536106.0 | 0.403372 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 8.50367 | 50.0 | 543530.0 | 0.425184 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 18.280577 | 50.0 | 535325.0 | 0.365612 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 85.898514 | 50.0 | 531405.0 | 0.429493 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 177.449037 | 50.0 | 546327.0 | 0.354898 | Y |



## Calibration / 2-Methyl-1,3-butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

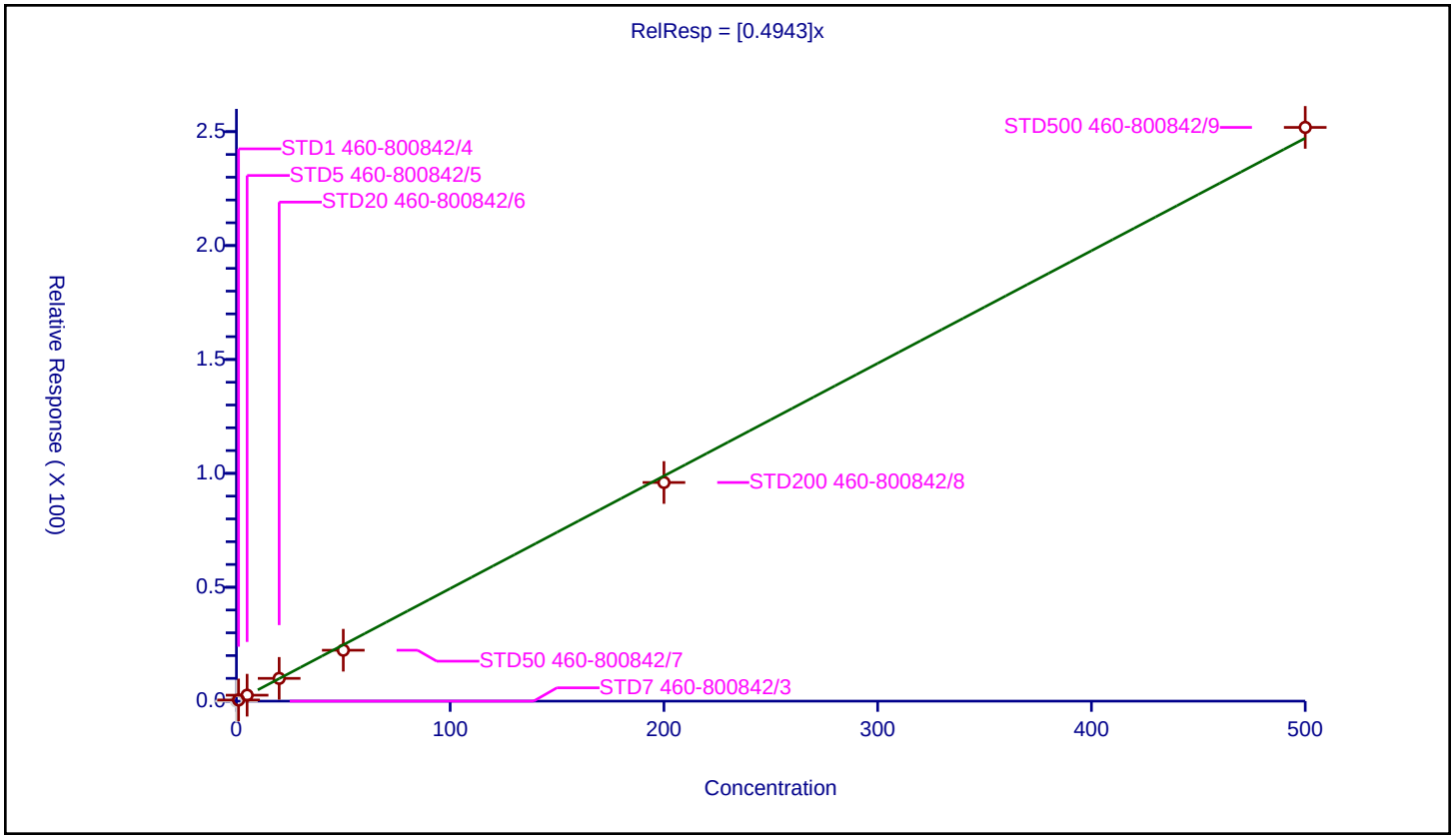
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4943 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1320000 |
| **Relative Standard Error:** | 5.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.512236 | 50.0 | 555310.0 | 0.512236 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.617952 | 50.0 | 536106.0 | 0.52359 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 9.986201 | 50.0 | 543530.0 | 0.49931 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 22.352216 | 50.0 | 535325.0 | 0.447044 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 95.986677 | 50.0 | 531405.0 | 0.479933 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 251.870125 | 50.0 | 546327.0 | 0.50374 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

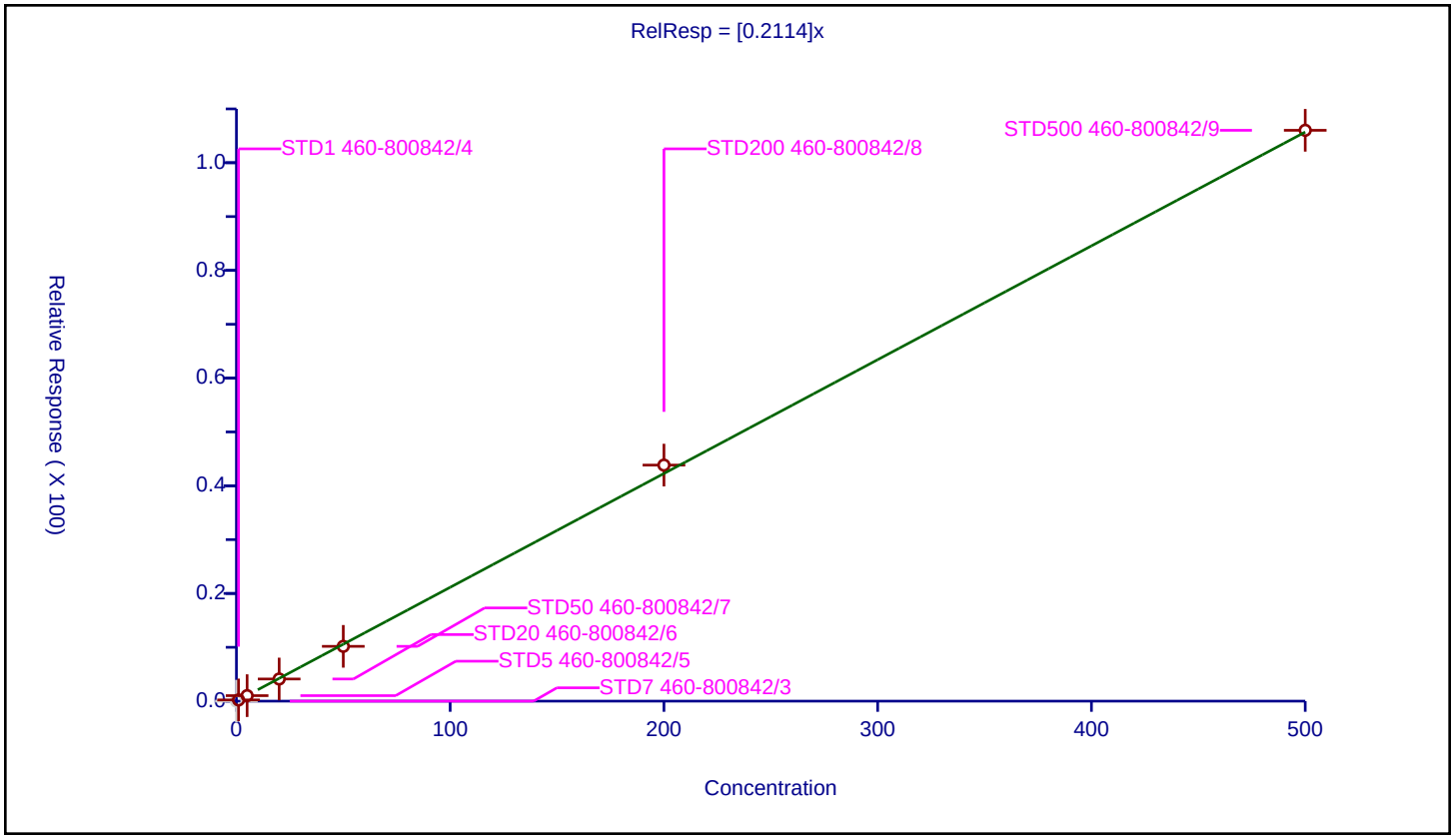
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2114 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 561000 |
| **Relative Standard Error:** | 4.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.223929 | 50.0 | 555310.0 | 0.223929 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.020134 | 50.0 | 536106.0 | 0.204027 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 4.11348 | 50.0 | 543530.0 | 0.205674 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 10.175781 | 50.0 | 535325.0 | 0.203516 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 43.840197 | 50.0 | 531405.0 | 0.219201 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 106.023773 | 50.0 | 546327.0 | 0.212048 | Y |



## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

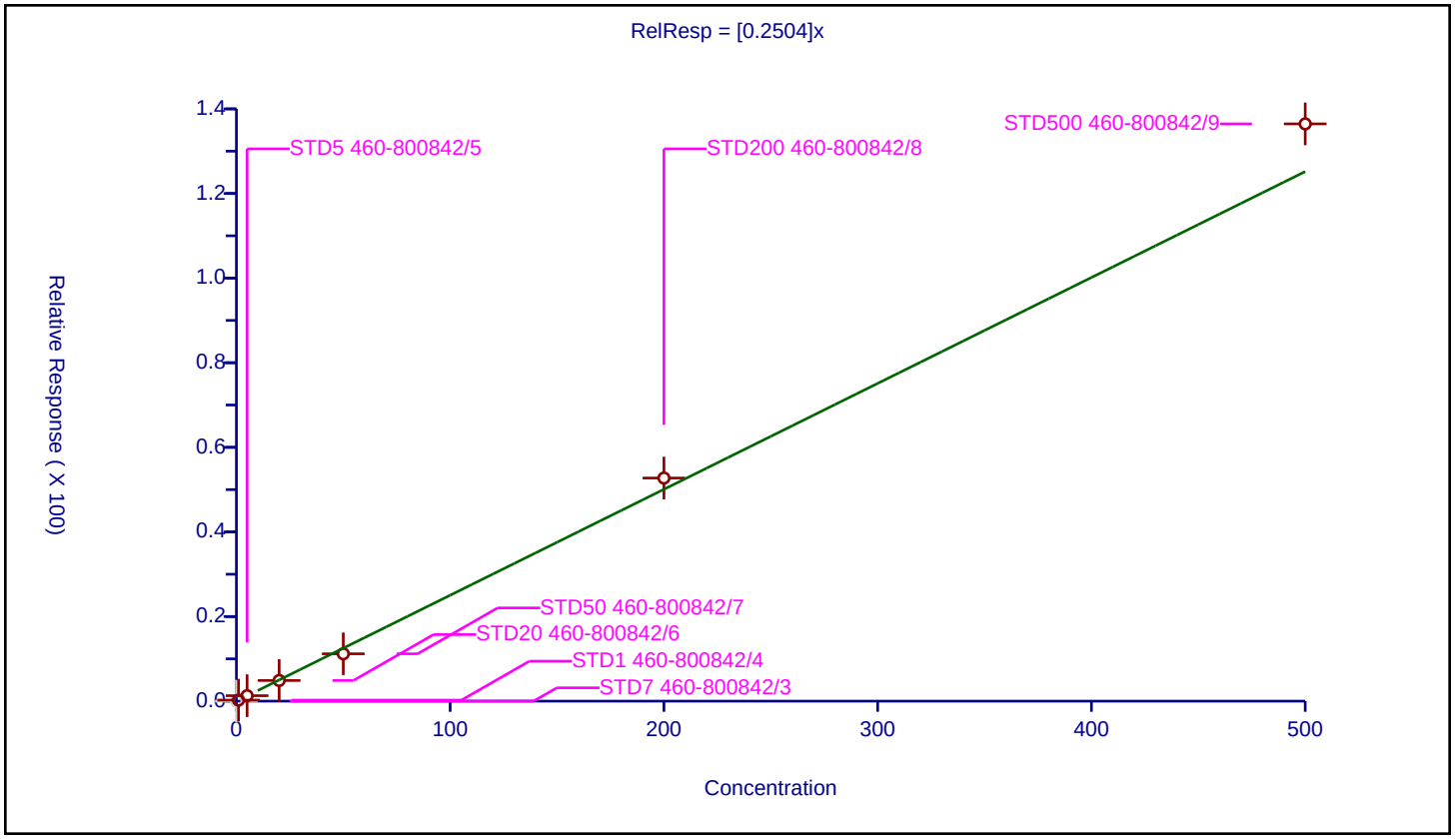
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2504 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 715000 |
| **Relative Standard Error:** | 7.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.240046 | 50.0 | 555310.0 | 0.240046 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.288178 | 50.0 | 536106.0 | 0.257636 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 4.881239 | 50.0 | 543530.0 | 0.244062 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 11.191426 | 50.0 | 535325.0 | 0.223829 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 52.740095 | 50.0 | 531405.0 | 0.2637 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 136.454266 | 50.0 | 546327.0 | 0.272909 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

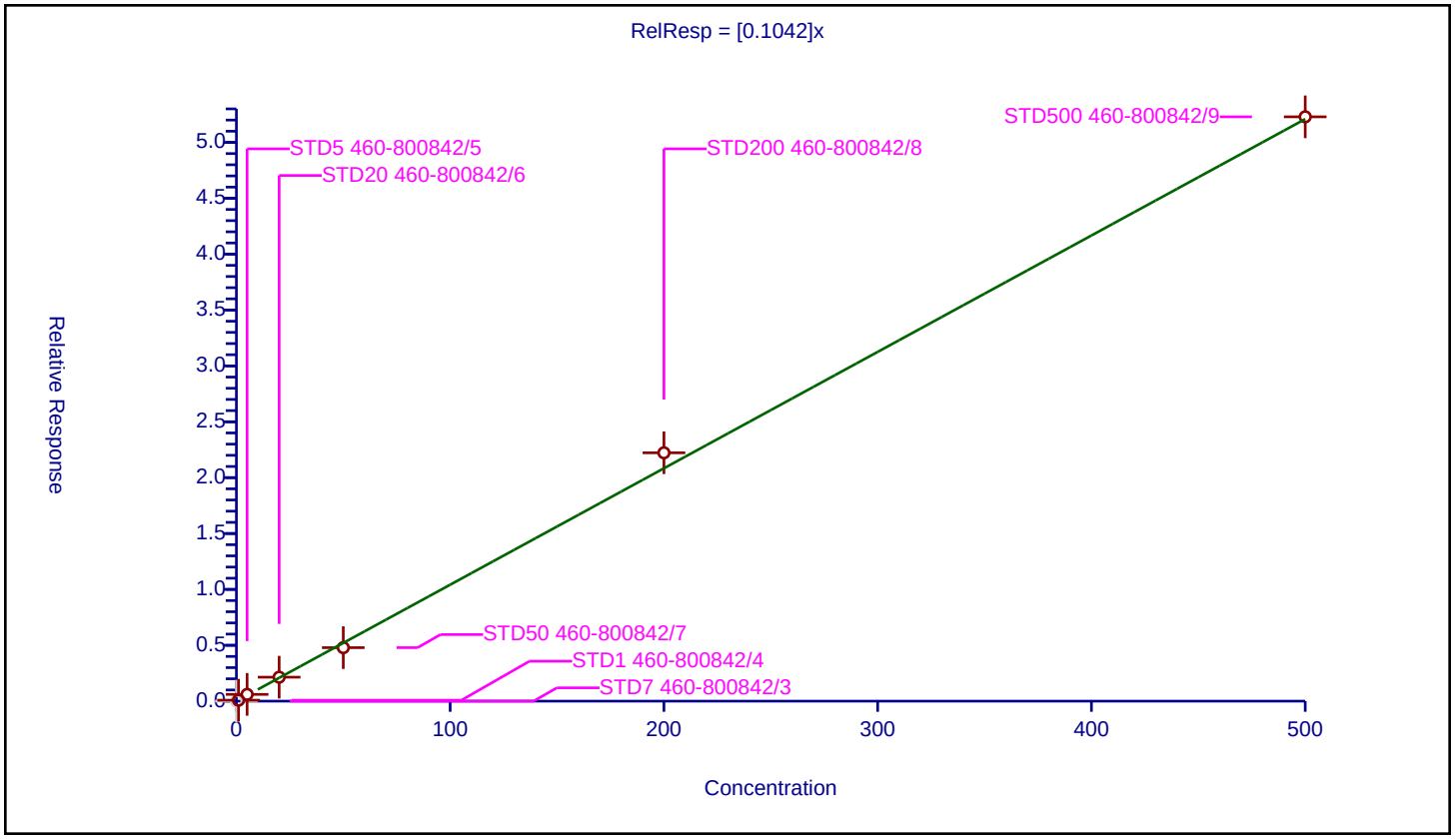
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1042 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 278000 |
| **Relative Standard Error:** | 11.9 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.085358 | 50.0 | 555310.0 | 0.085358 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.605384 | 50.0 | 536106.0 | 0.121077 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 2.1445 | 50.0 | 543530.0 | 0.107225 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 4.786251 | 50.0 | 535325.0 | 0.095725 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 22.22448 | 50.0 | 531405.0 | 0.111122 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 52.288922 | 50.0 | 546327.0 | 0.104578 | Y |



## Calibration / Ethanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

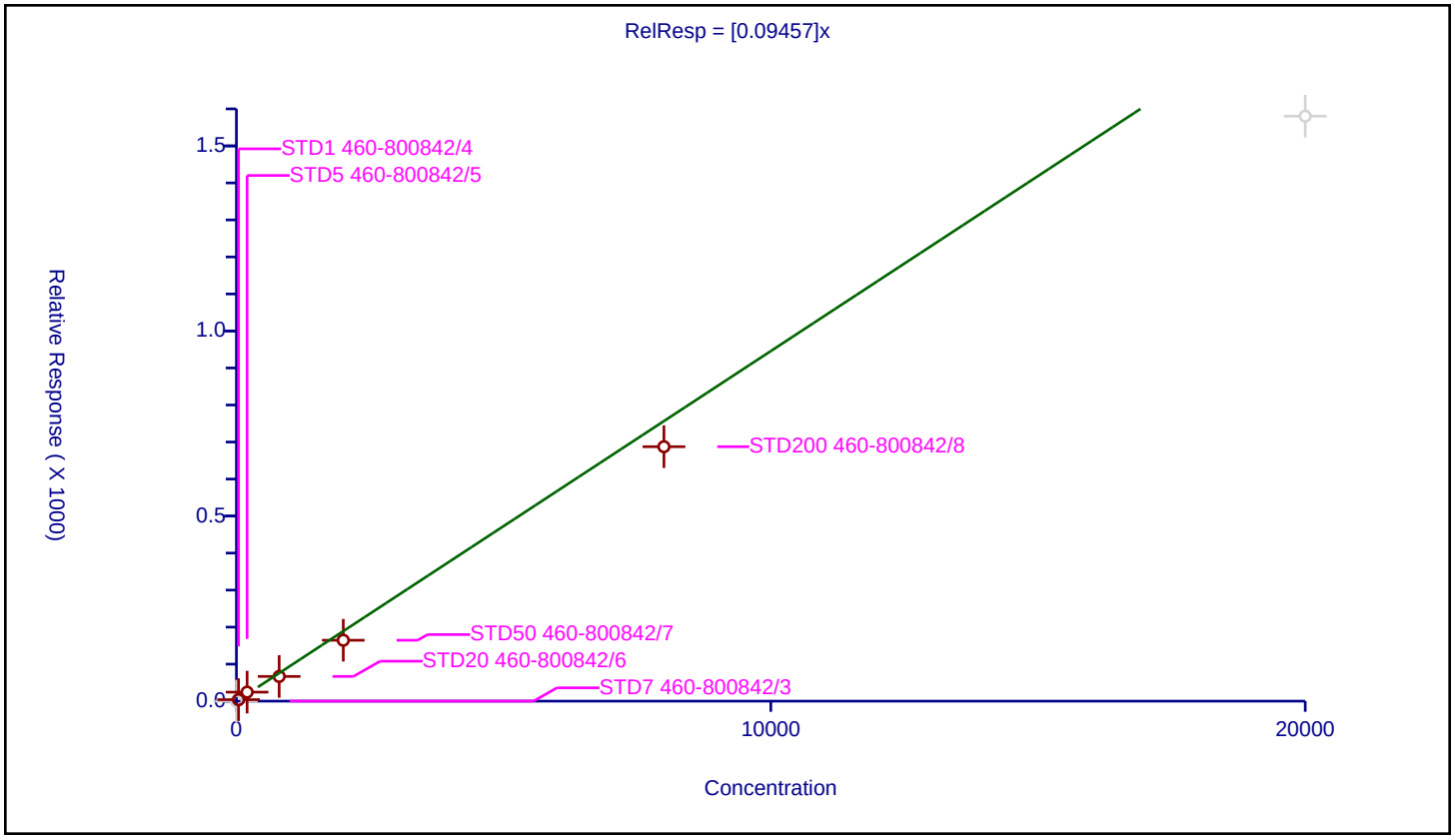
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09457 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 50000 |
| **Relative Standard Error:** | 17.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.962 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 40.0 | 3.975636 | 1000.0 | 160729.0 | 0.099391 | Y |
| 3 | STD5 460-800842/5 | 200.0 | 24.377114 | 1000.0 | 144890.0 | 0.121886 | Y |
| 4 | STD20 460-800842/6 | 800.0 | 66.731365 | 1000.0 | 129834.0 | 0.083414 | Y |
| 5 | STD50 460-800842/7 | 2000.0 | 164.507855 | 1000.0 | 139969.0 | 0.082254 | Y |
| 6 | STD200 460-800842/8 | 8000.0 | 687.430886 | 1000.0 | 141975.0 | 0.085929 | Y |
| 7 | STD500 460-800842/9 | 20000.0 | 1580.390615 | 1000.0 | 152580.0 | 0.07902 | N |



## Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

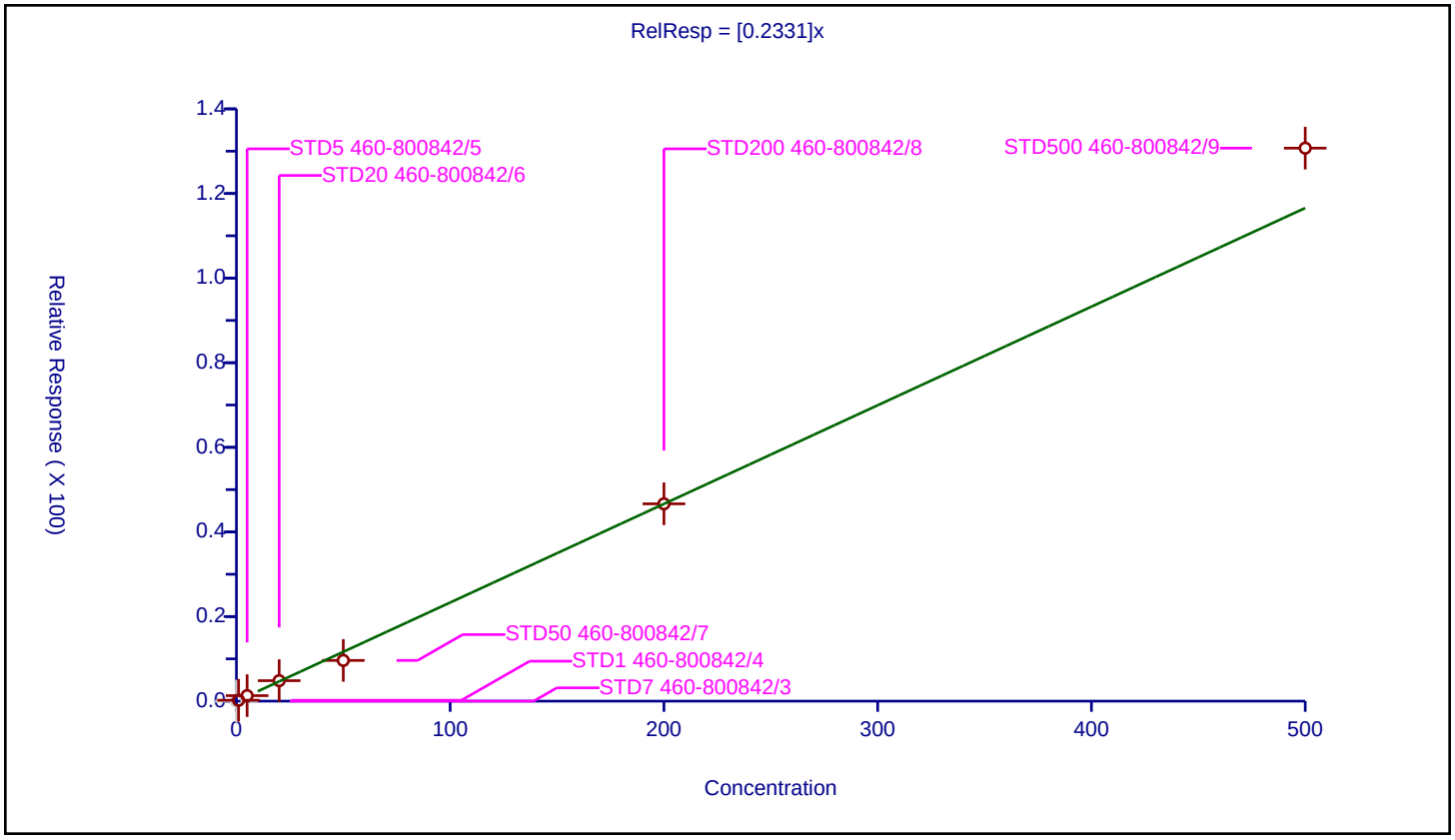
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2331 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 678000 |
| **Relative Standard Error:** | 11.7 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.210333 | 50.0 | 555310.0 | 0.210333 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.297225 | 50.0 | 536106.0 | 0.259445 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 4.837267 | 50.0 | 543530.0 | 0.241863 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 9.625274 | 50.0 | 535325.0 | 0.192505 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 46.642015 | 50.0 | 531405.0 | 0.23321 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 130.718507 | 50.0 | 546327.0 | 0.261437 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

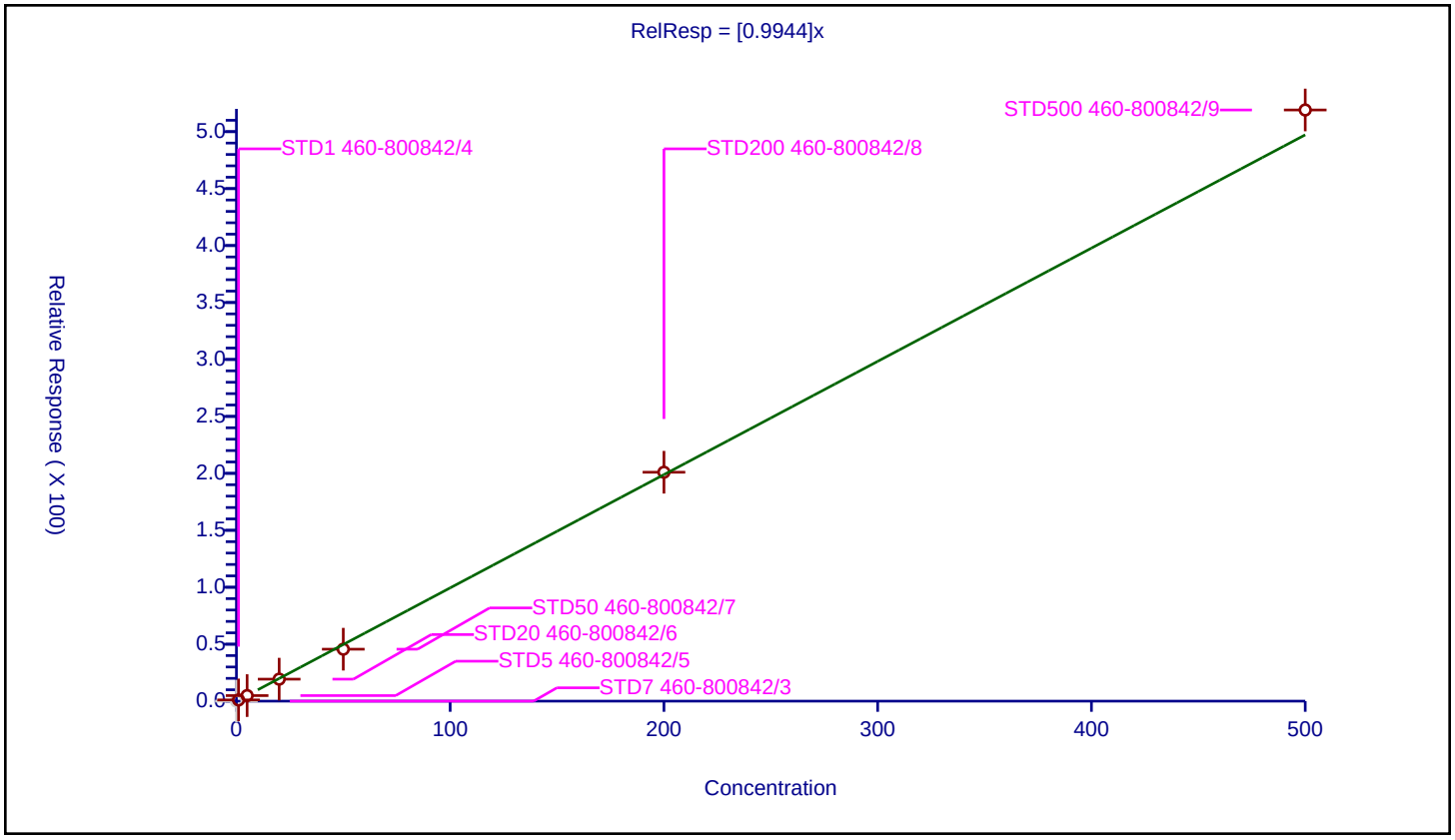
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9944 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2720000 |
| **Relative Standard Error:** | 5.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.070573 | 50.0 | 555310.0 | 1.070573 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 4.880098 | 50.0 | 536106.0 | 0.97602 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 19.295255 | 50.0 | 543530.0 | 0.964763 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 45.612478 | 50.0 | 535325.0 | 0.91225 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 200.97421 | 50.0 | 531405.0 | 1.004871 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 519.0321 | 50.0 | 546327.0 | 1.038064 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

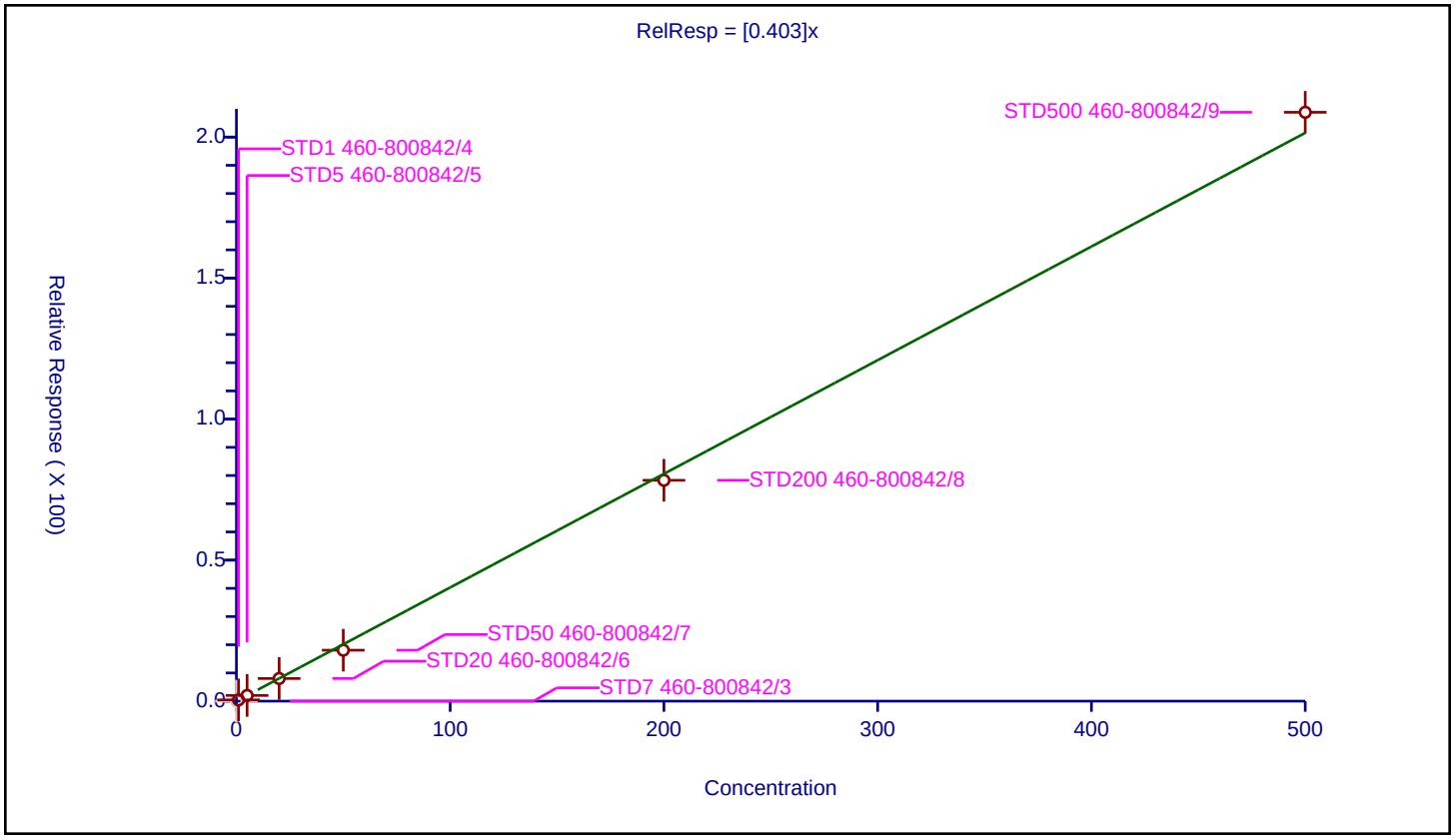
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.403 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1090000 |
| **Relative Standard Error:** | 6.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.442546 | 50.0 | 555310.0 | 0.442546 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.018258 | 50.0 | 536106.0 | 0.403652 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 8.025776 | 50.0 | 543530.0 | 0.401289 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 18.06482 | 50.0 | 535325.0 | 0.361296 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 78.310893 | 50.0 | 531405.0 | 0.391554 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 208.792628 | 50.0 | 546327.0 | 0.417585 | Y |



## Calibration / Iodomethane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

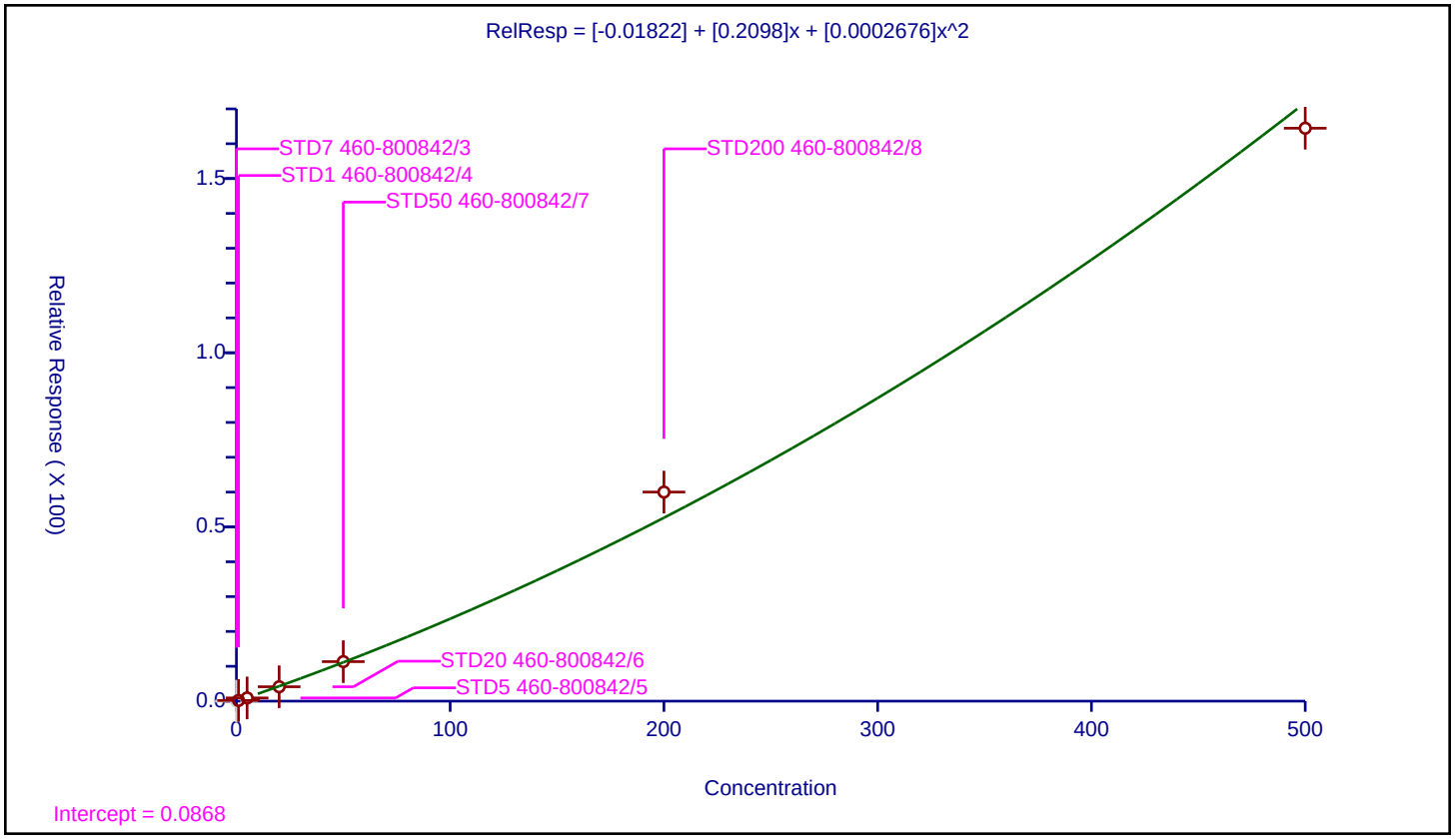
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.01822 |
| **Slope:** | 0.2098 |
| **Second Order:** | 0.0002676 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1100000 |
| **Relative Standard Error:** | 9.7 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.196647 | 50.0 | 555310.0 | 0.196647 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.920061 | 50.0 | 536106.0 | 0.184012 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 4.129579 | 50.0 | 543530.0 | 0.206479 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 11.341335 | 50.0 | 535325.0 | 0.226827 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 60.02117 | 50.0 | 531405.0 | 0.300106 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 164.452608 | 50.0 | 546327.0 | 0.328905 | Y |



## Calibration / Cyclopentene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

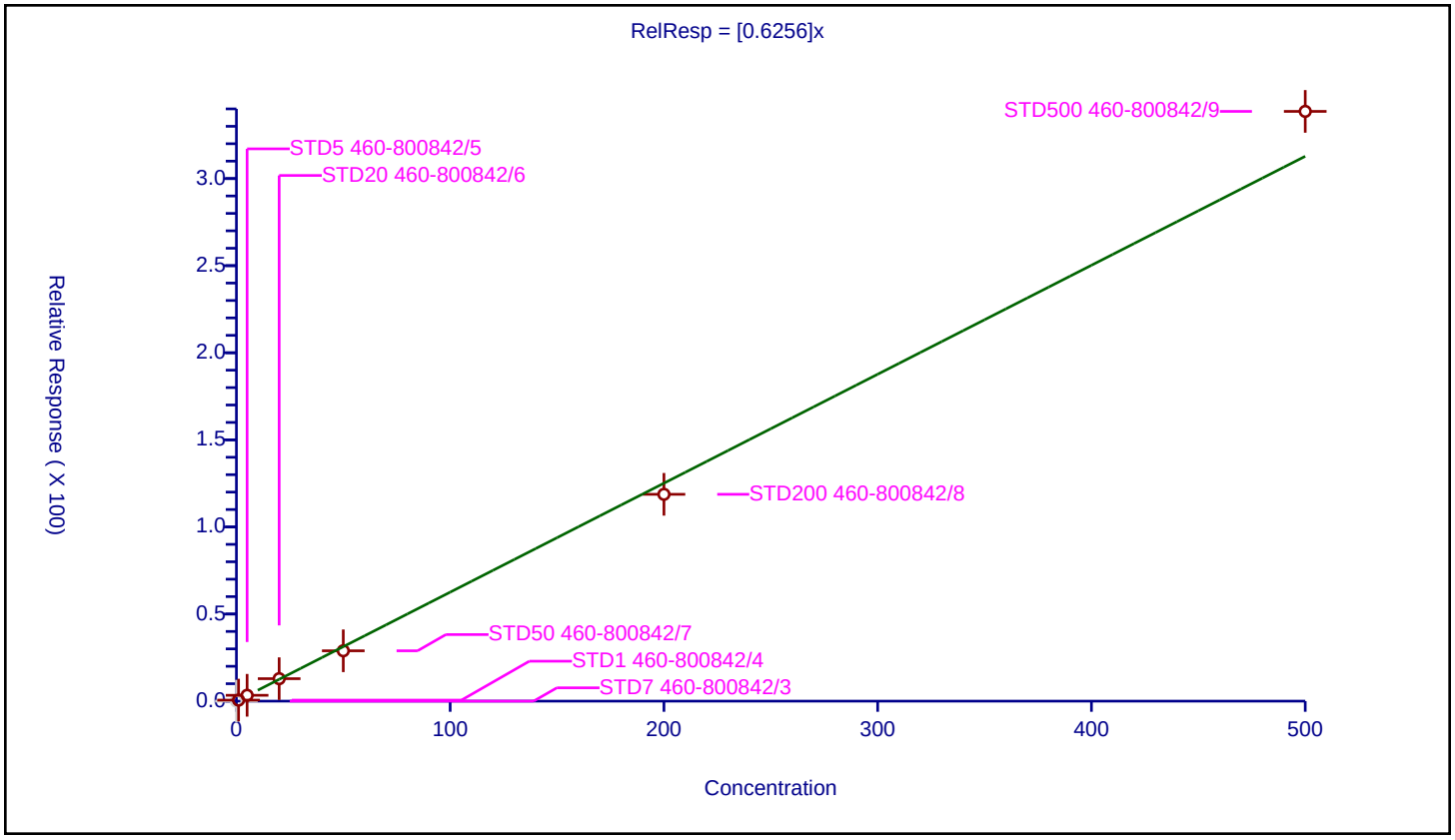
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6256 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1750000 |
| **Relative Standard Error:** | 7.1 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.586879 | 50.0 | 555310.0 | 0.586879 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 3.3637 | 50.0 | 536106.0 | 0.67274 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 12.894044 | 50.0 | 543530.0 | 0.644702 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 28.913277 | 50.0 | 535325.0 | 0.578266 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 118.734111 | 50.0 | 531405.0 | 0.593671 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 338.564175 | 50.0 | 546327.0 | 0.677128 | Y |



## Calibration / Acrolein

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

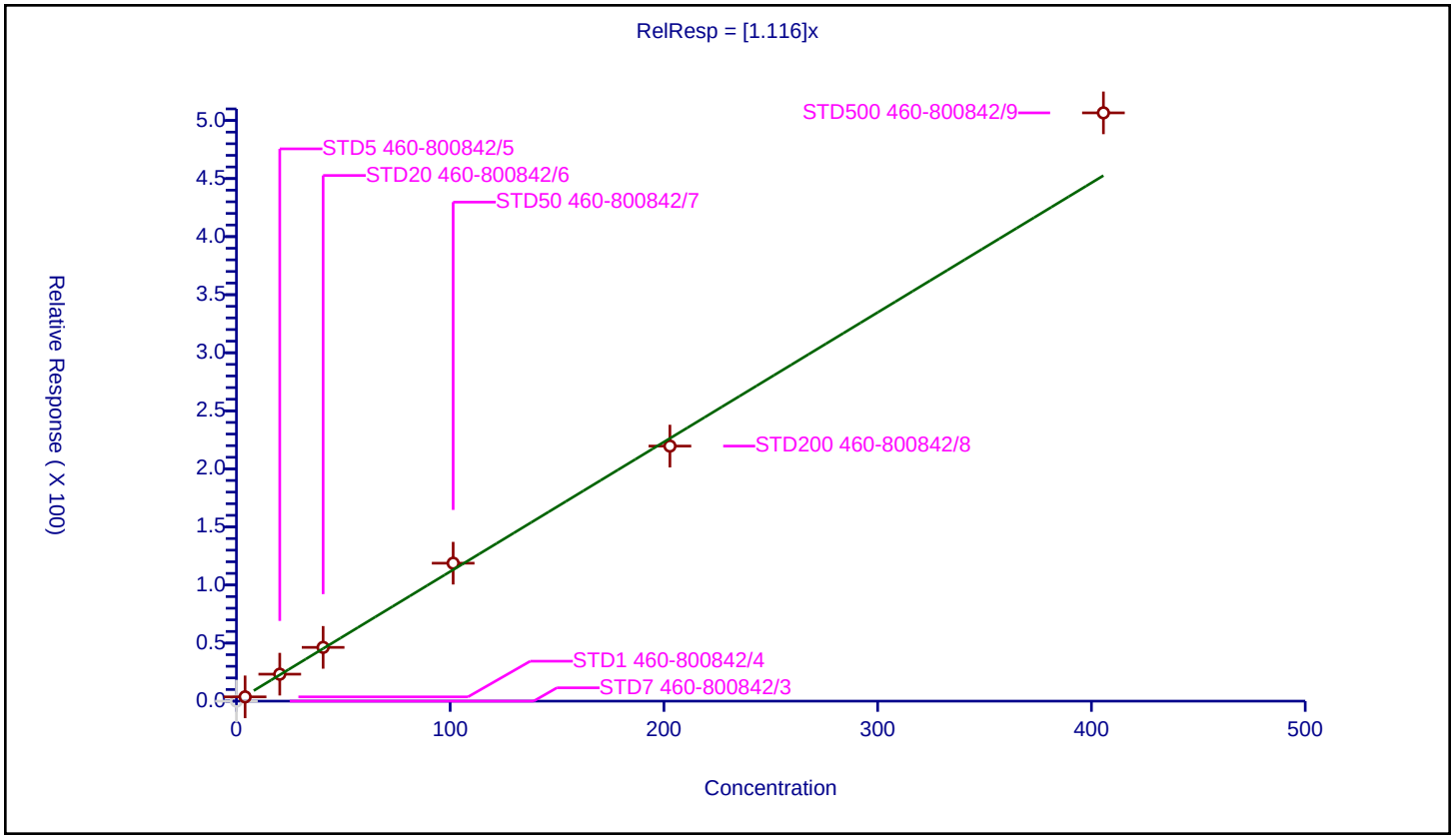
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.116 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 37900 |
| **Relative Standard Error:** | 10.4 |
| **Correlation Coefficient:** | 0.991 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 4.056 | 3.670775 | 1000.0 | 160729.0 | 0.905023 | Y |
| 3 | STD5 460-800842/5 | 20.28 | 23.217613 | 1000.0 | 144890.0 | 1.144853 | Y |
| 4 | STD20 460-800842/6 | 40.56 | 46.29758 | 1000.0 | 129834.0 | 1.141459 | Y |
| 5 | STD50 460-800842/7 | 101.4 | 118.790589 | 1000.0 | 139969.0 | 1.171505 | Y |
| 6 | STD200 460-800842/8 | 202.8 | 219.63726 | 1000.0 | 141975.0 | 1.083024 | Y |
| 7 | STD500 460-800842/9 | 405.6 | 506.586709 | 1000.0 | 152580.0 | 1.248981 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

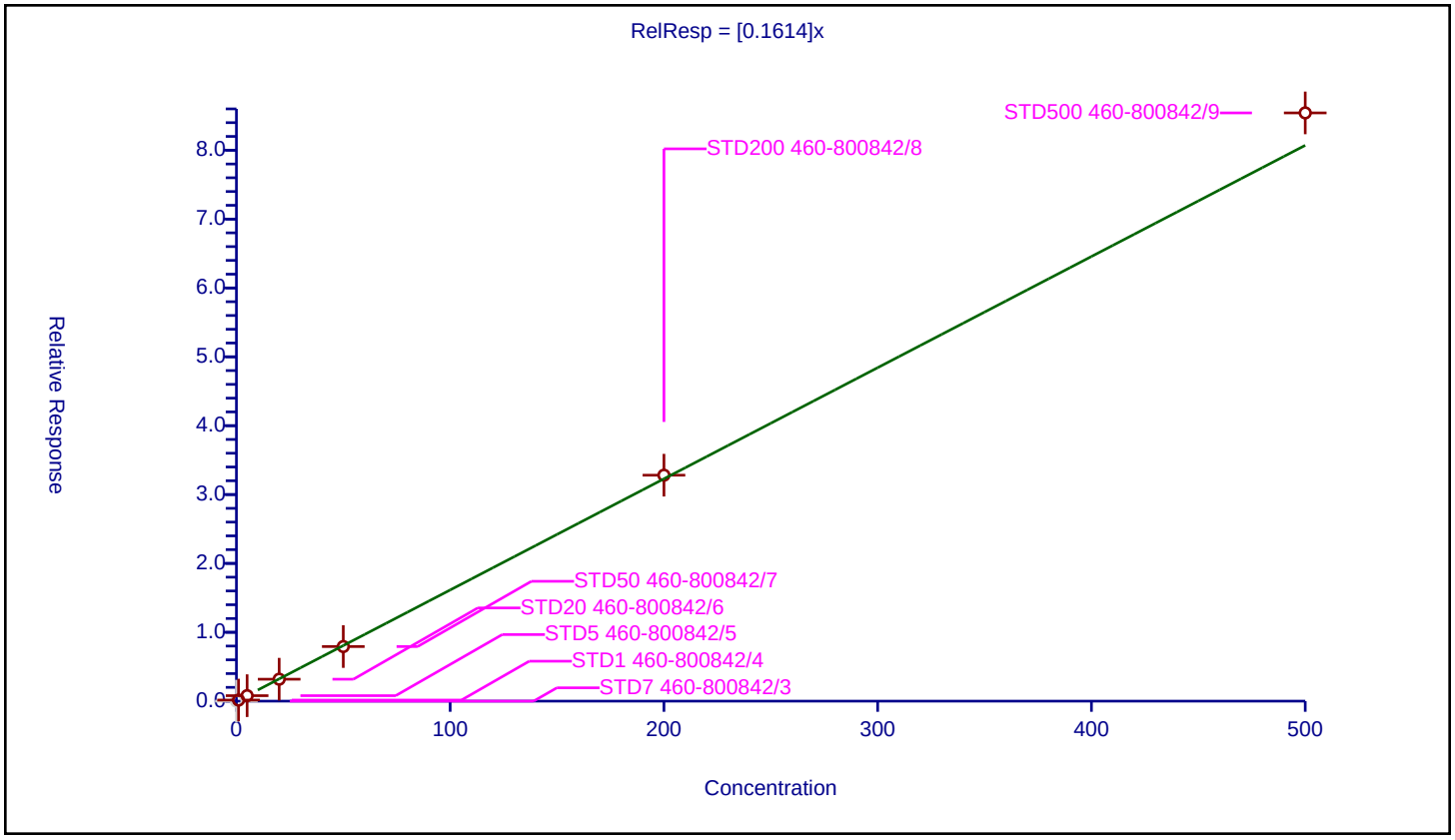
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1614 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 447000 |
| **Relative Standard Error:** | 3.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.156849 | 50.0 | 555310.0 | 0.156849 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.794899 | 50.0 | 536106.0 | 0.15898 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 3.184461 | 50.0 | 543530.0 | 0.159223 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 7.92696 | 50.0 | 535325.0 | 0.158539 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 32.808498 | 50.0 | 531405.0 | 0.164042 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 85.417616 | 50.0 | 546327.0 | 0.170835 | Y |



## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

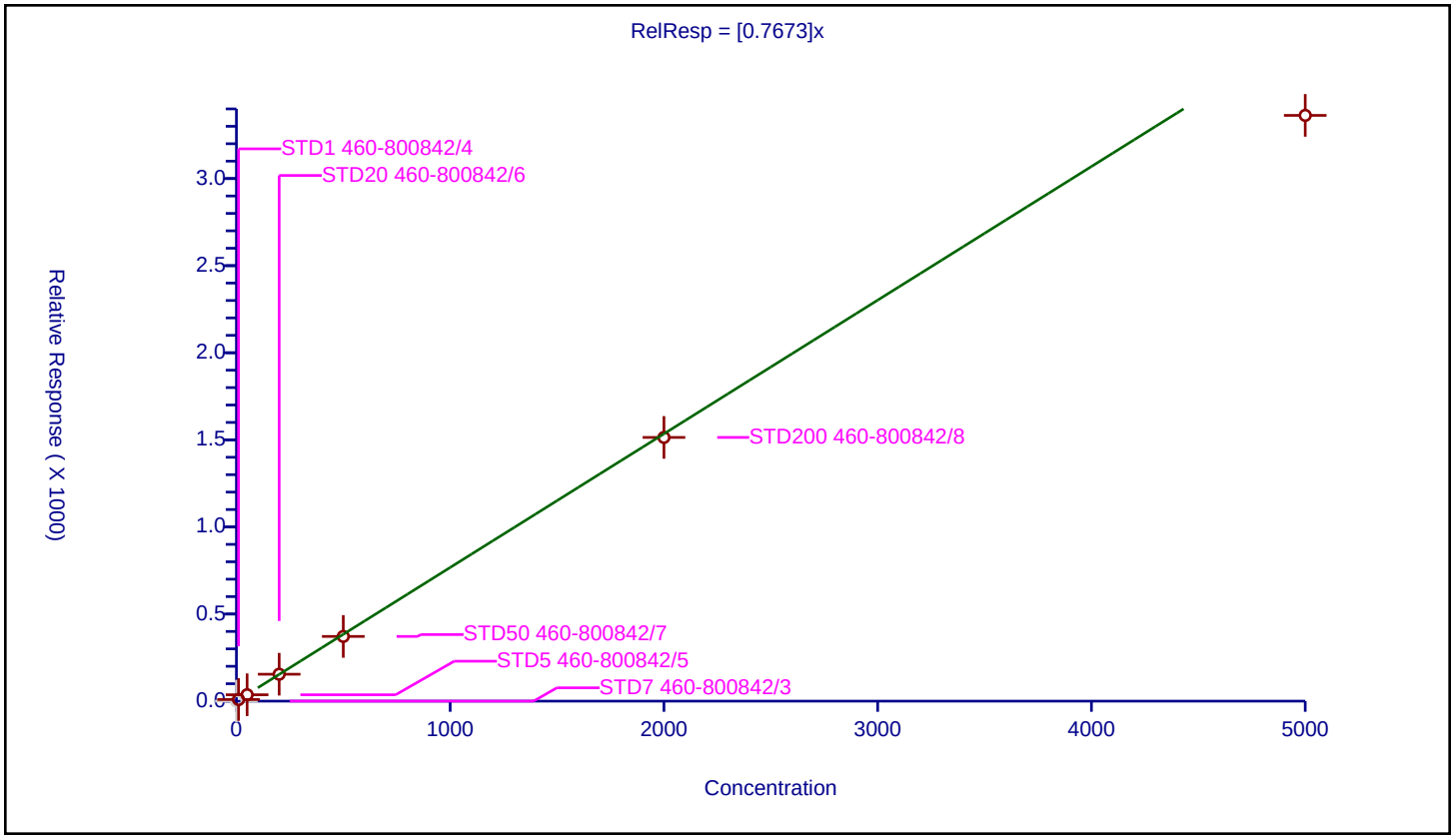
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7673 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 248000 |
| **Relative Standard Error:** | 11.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 10.0 | 9.251597 | 1000.0 | 160729.0 | 0.92516 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 36.683001 | 1000.0 | 144890.0 | 0.73366 | Y |
| 4 | STD20 460-800842/6 | 200.0 | 154.52809 | 1000.0 | 129834.0 | 0.77264 | Y |
| 5 | STD50 460-800842/7 | 500.0 | 371.489401 | 1000.0 | 139969.0 | 0.742979 | Y |
| 6 | STD200 460-800842/8 | 2000.0 | 1513.879204 | 1000.0 | 141975.0 | 0.75694 | Y |
| 7 | STD500 460-800842/9 | 5000.0 | 3362.734303 | 1000.0 | 152580.0 | 0.672547 | Y |



## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

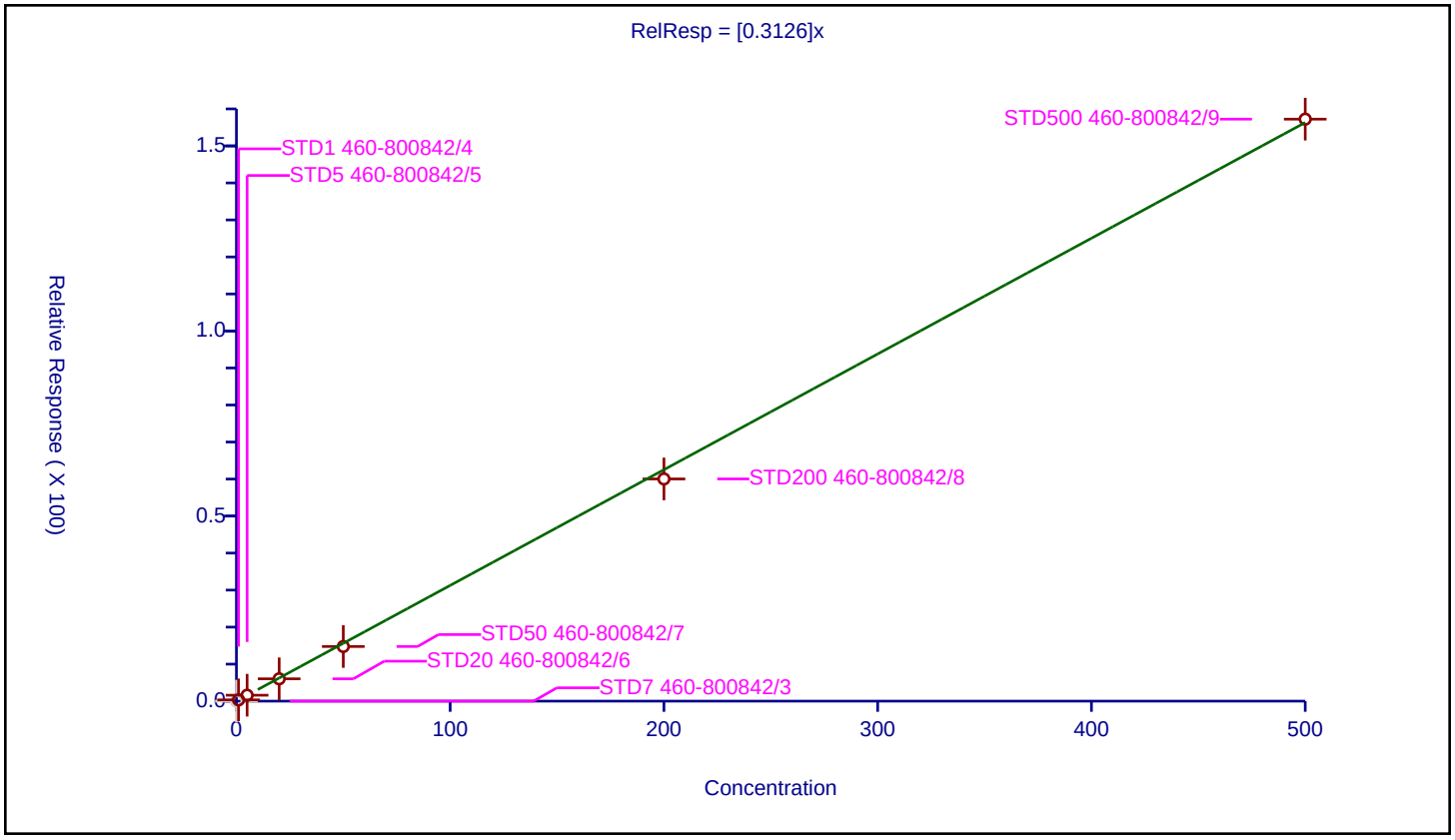
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3126 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 823000 |
| **Relative Standard Error:** | 5.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.344312 | 50.0 | 555310.0 | 0.344312 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.601083 | 50.0 | 536106.0 | 0.320217 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 6.029934 | 50.0 | 543530.0 | 0.301497 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 14.758885 | 50.0 | 535325.0 | 0.295178 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 60.026439 | 50.0 | 531405.0 | 0.300132 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 157.22937 | 50.0 | 546327.0 | 0.314459 | Y |



## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

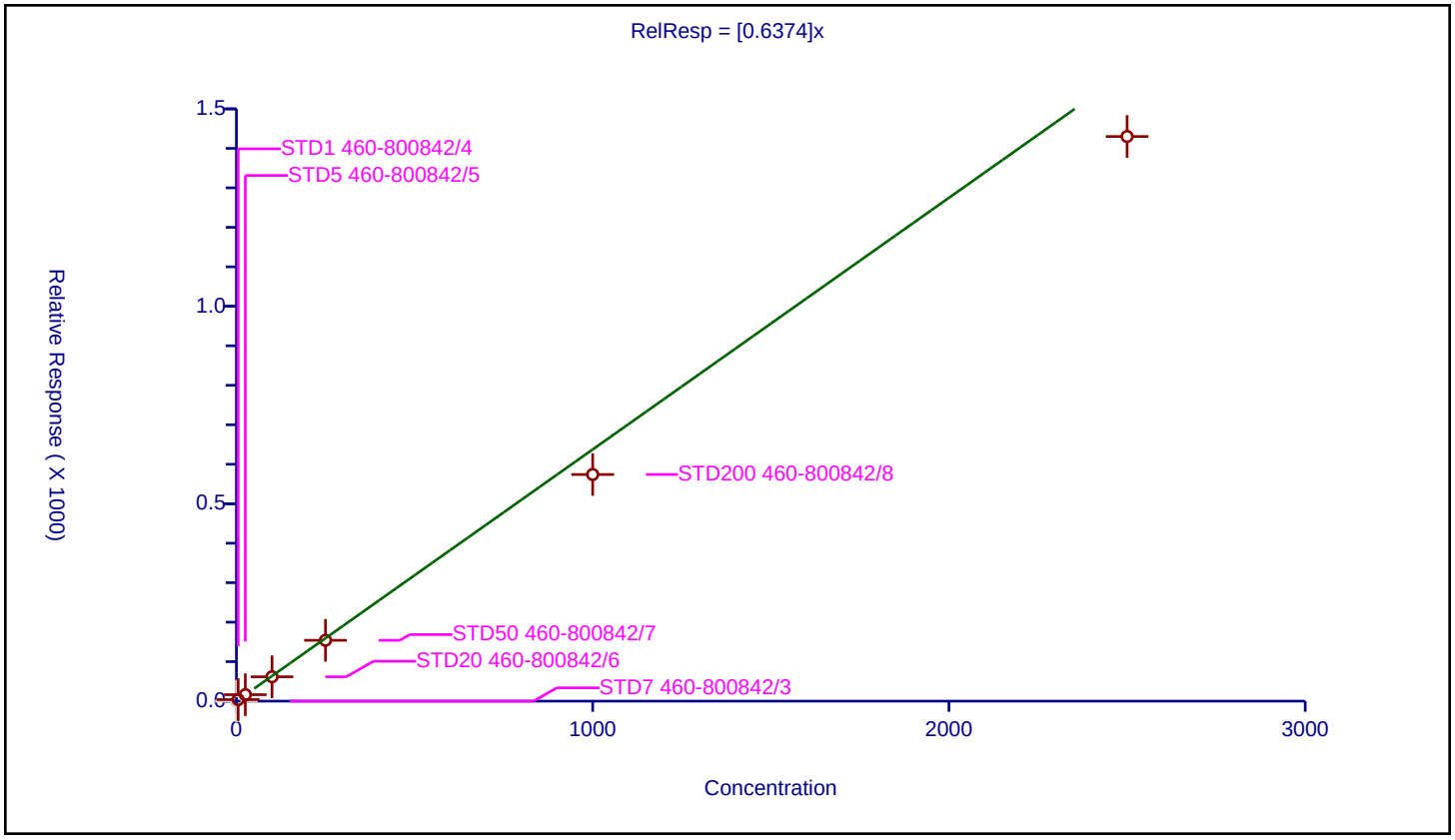
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6374 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 506000 |
| **Relative Standard Error:** | 12.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.979 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 250.0 | 198122.0 | NaN | N |
| 2 | STD1 460-800842/4 | 5.0 | 3.947743 | 250.0 | 189602.0 | 0.789549 | Y |
| 3 | STD5 460-800842/5 | 25.0 | 16.385201 | 250.0 | 176043.0 | 0.655408 | Y |
| 4 | STD20 460-800842/6 | 100.0 | 61.692653 | 250.0 | 169769.0 | 0.616927 | Y |
| 5 | STD50 460-800842/7 | 250.0 | 154.126221 | 250.0 | 173997.0 | 0.616505 | Y |
| 6 | STD200 460-800842/8 | 1000.0 | 574.051836 | 250.0 | 181535.0 | 0.574052 | Y |
| 7 | STD500 460-800842/9 | 2500.0 | 1430.073283 | 250.0 | 182988.0 | 0.572029 | Y |



## Calibration / trans-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

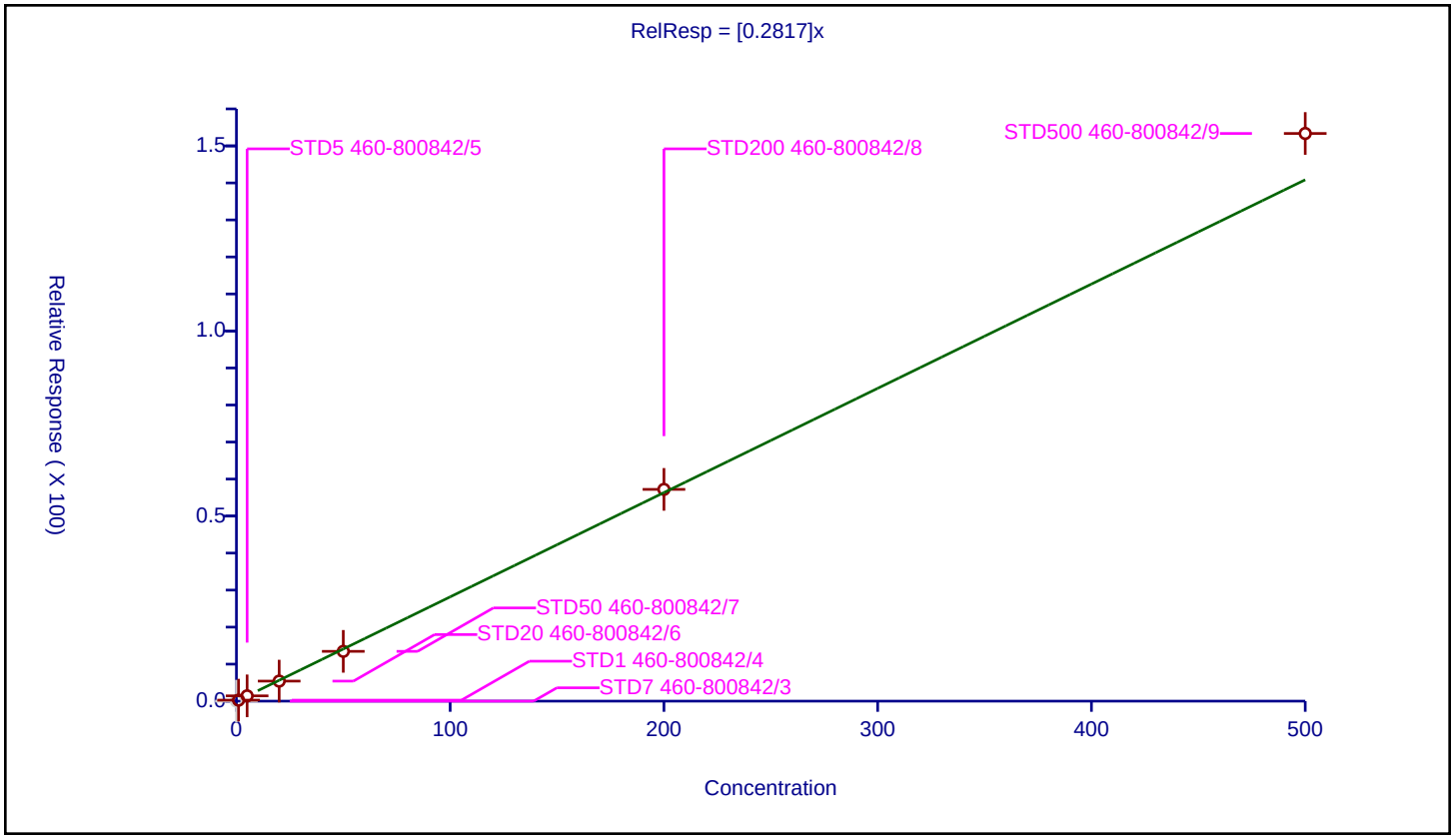
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2817 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 800000 |
| **Relative Standard Error:** | 5.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.27156 | 50.0 | 555310.0 | 0.27156 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.429755 | 50.0 | 536106.0 | 0.285951 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 5.417732 | 50.0 | 543530.0 | 0.270887 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 13.450708 | 50.0 | 535325.0 | 0.269014 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 57.21032 | 50.0 | 531405.0 | 0.286052 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 153.355133 | 50.0 | 546327.0 | 0.30671 | Y |



## Calibration / Methyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

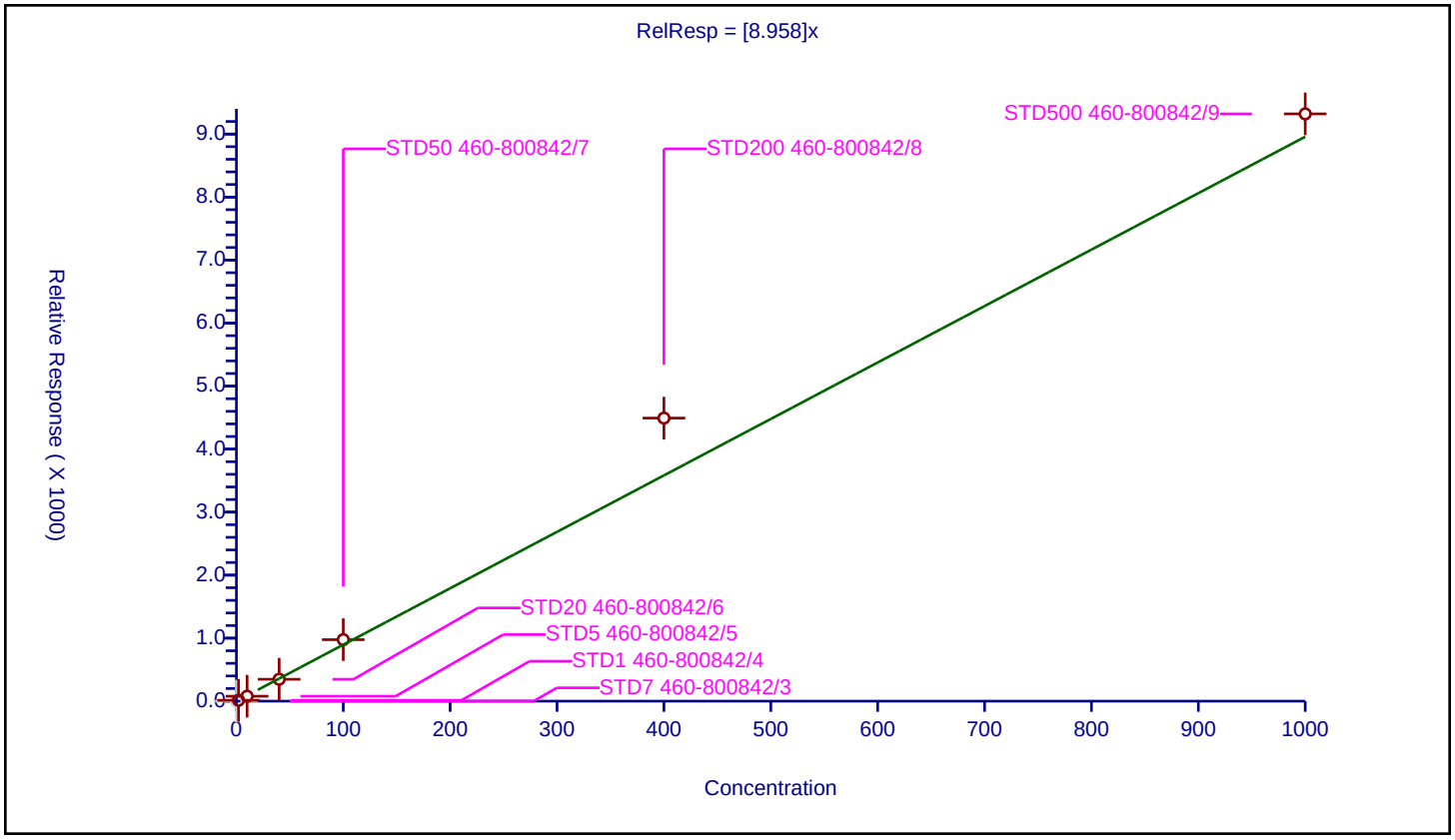
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 8.958 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 696000 |
| **Relative Standard Error:** | 16.9 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.972 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 2.0 | 13.793404 | 1000.0 | 160729.0 | 6.896702 | Y |
| 3 | STD5 460-800842/5 | 10.0 | 78.56995 | 1000.0 | 144890.0 | 7.856995 | Y |
| 4 | STD20 460-800842/6 | 40.0 | 347.297318 | 1000.0 | 129834.0 | 8.682433 | Y |
| 5 | STD50 460-800842/7 | 100.0 | 975.744629 | 1000.0 | 139969.0 | 9.757446 | Y |
| 6 | STD200 460-800842/8 | 400.0 | 4492.382462 | 1000.0 | 141975.0 | 11.230956 | Y |
| 7 | STD500 460-800842/9 | 1000.0 | 9320.710447 | 1000.0 | 152580.0 | 9.32071 | Y |



## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

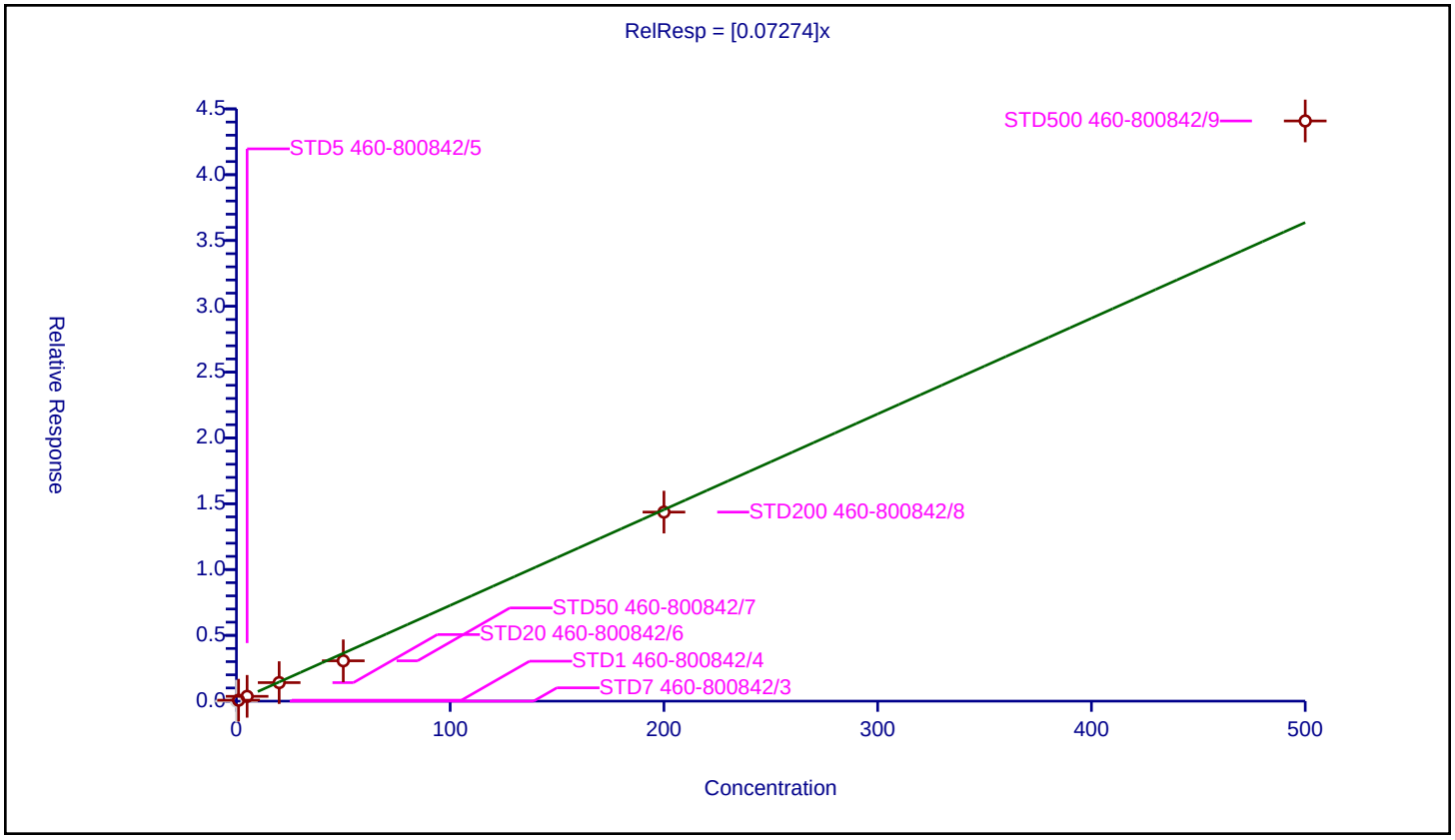
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07274 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 227000 |
| **Relative Standard Error:** | 11.9 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.984 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.071492 | 50.0 | 555310.0 | 0.071492 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.366159 | 50.0 | 536106.0 | 0.073232 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 1.407834 | 50.0 | 543530.0 | 0.070392 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 3.065801 | 50.0 | 535325.0 | 0.061316 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 14.363245 | 50.0 | 531405.0 | 0.071816 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 44.08239 | 50.0 | 546327.0 | 0.088165 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

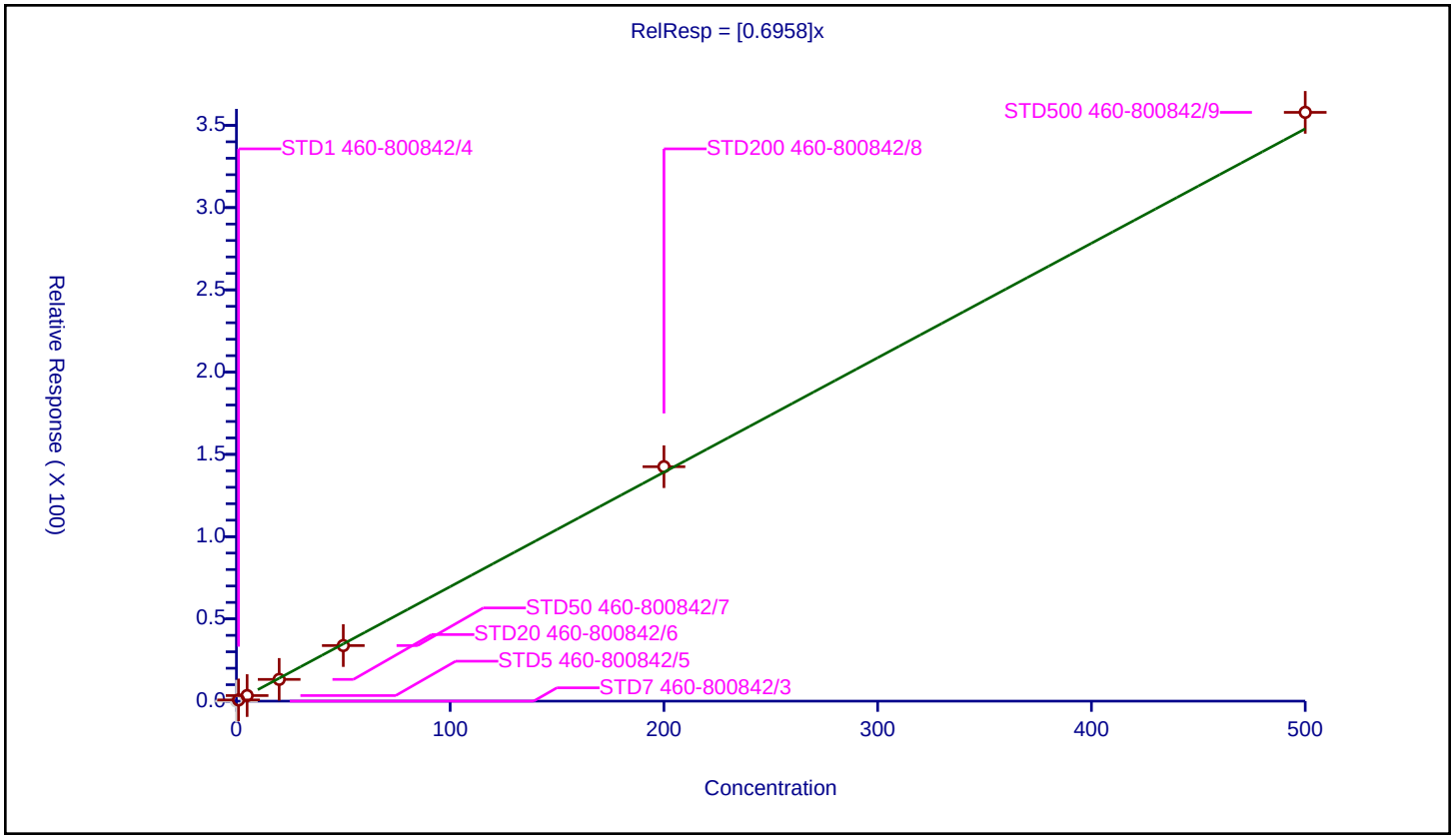
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6958 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1880000 |
| **Relative Standard Error:** | 4.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.731123 | 50.0 | 555310.0 | 0.731123 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 3.392706 | 50.0 | 536106.0 | 0.678541 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 13.224569 | 50.0 | 543530.0 | 0.661228 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 33.777985 | 50.0 | 535325.0 | 0.67556 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 142.515784 | 50.0 | 531405.0 | 0.712579 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 357.898109 | 50.0 | 546327.0 | 0.715796 | Y |



## Calibration / 2-Methyl-2-propanol

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

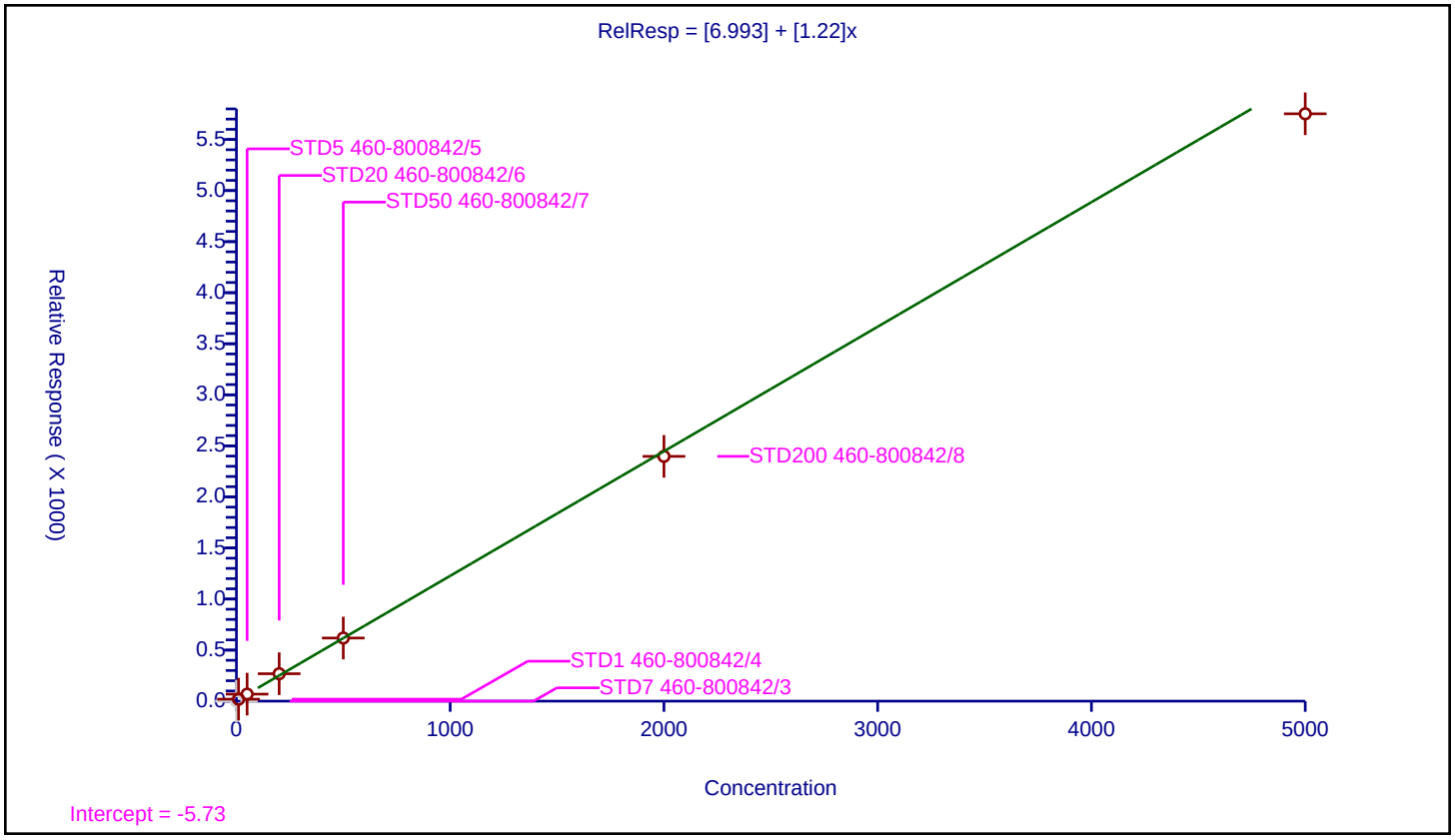
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 6.993 |
| **Slope:** | 1.22 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 470000 |
| **Relative Standard Error:** | 4.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 10.0 | 19.12536 | 1000.0 | 160729.0 | 1.912536 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 68.624474 | 1000.0 | 144890.0 | 1.372489 | Y |
| 4 | STD20 460-800842/6 | 200.0 | 268.427376 | 1000.0 | 129834.0 | 1.342137 | Y |
| 5 | STD50 460-800842/7 | 500.0 | 618.11544 | 1000.0 | 139969.0 | 1.236231 | Y |
| 6 | STD200 460-800842/8 | 2000.0 | 2397.161472 | 1000.0 | 141975.0 | 1.198581 | Y |
| 7 | STD500 460-800842/9 | 5000.0 | 5751.998951 | 1000.0 | 152580.0 | 1.1504 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

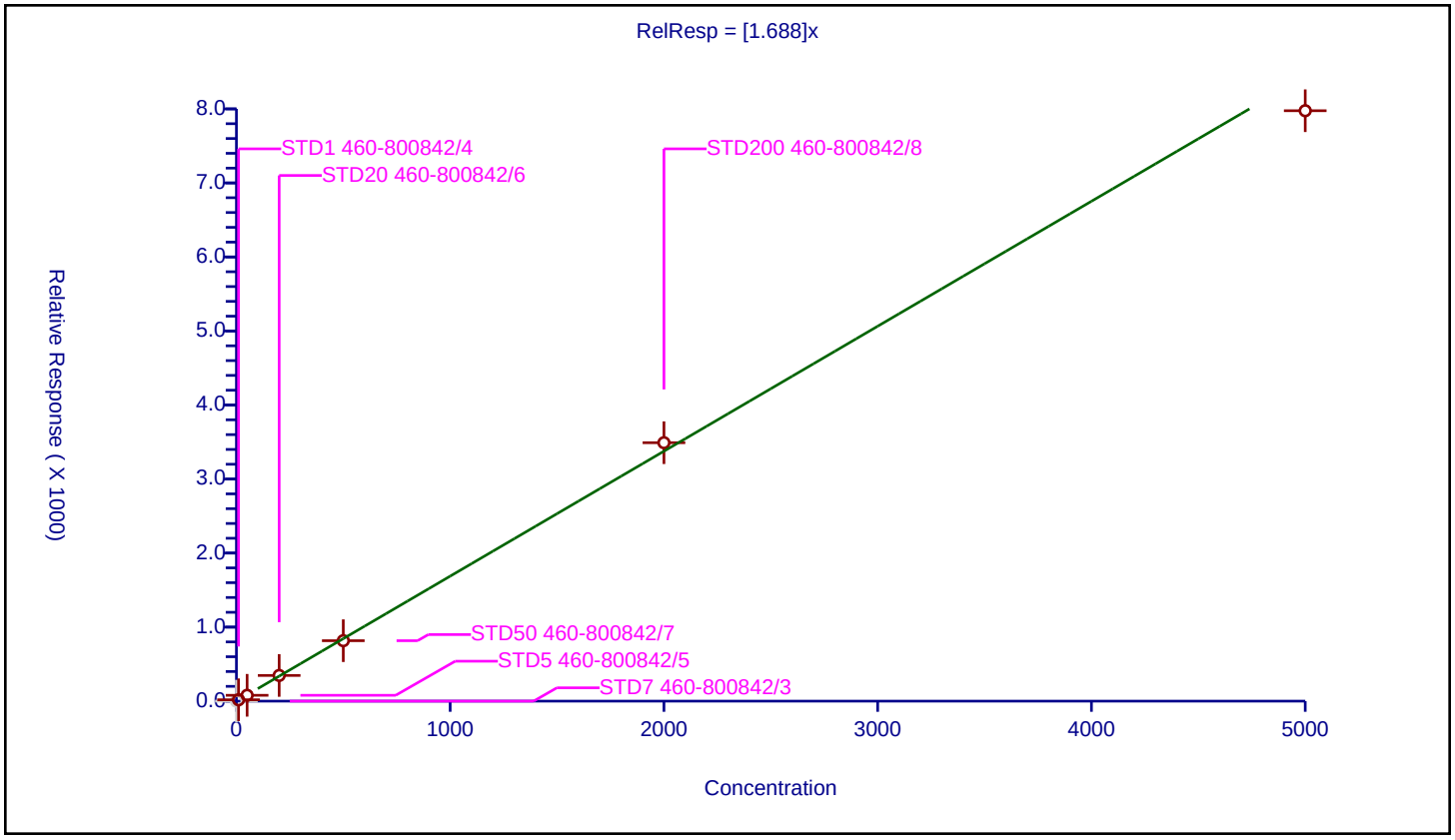
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.688 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 586000 |
| **Relative Standard Error:** | 6.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 10.0 | 18.428535 | 1000.0 | 160729.0 | 1.842853 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 78.866726 | 1000.0 | 144890.0 | 1.577335 | Y |
| 4 | STD20 460-800842/6 | 200.0 | 346.94302 | 1000.0 | 129834.0 | 1.734715 | Y |
| 5 | STD50 460-800842/7 | 500.0 | 816.473648 | 1000.0 | 139969.0 | 1.632947 | Y |
| 6 | STD200 460-800842/8 | 2000.0 | 3490.980806 | 1000.0 | 141975.0 | 1.74549 | Y |
| 7 | STD500 460-800842/9 | 5000.0 | 7975.081924 | 1000.0 | 152580.0 | 1.595016 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

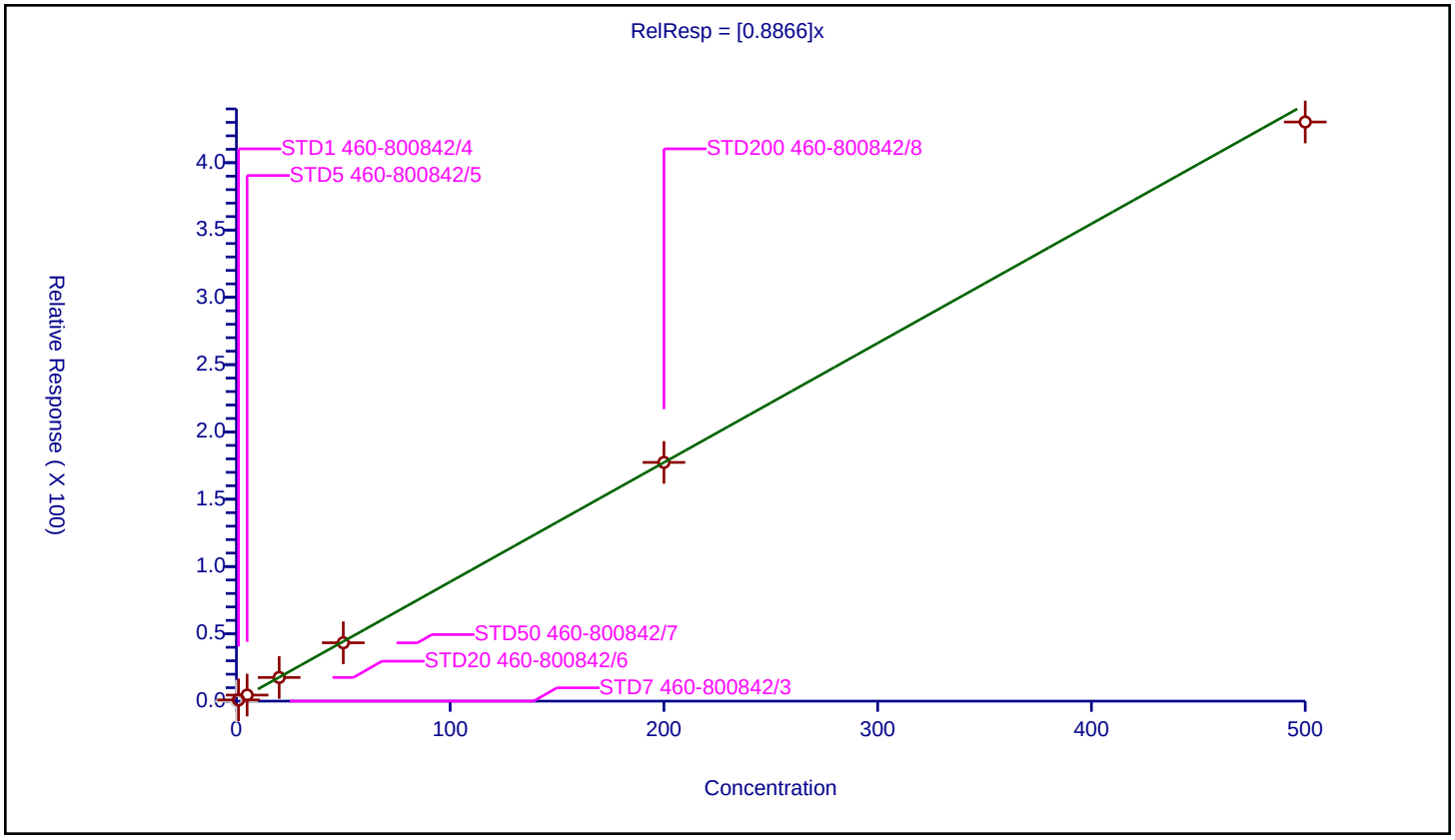
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8866 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2280000 |
| **Relative Standard Error:** | 2.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.924799 | 50.0 | 555310.0 | 0.924799 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 4.506851 | 50.0 | 536106.0 | 0.90137 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 17.573271 | 50.0 | 543530.0 | 0.878664 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 43.363377 | 50.0 | 535325.0 | 0.867268 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 177.363687 | 50.0 | 531405.0 | 0.886818 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 430.270973 | 50.0 | 546327.0 | 0.860542 | Y |



## Calibration / 2-Chloro-1,3-butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

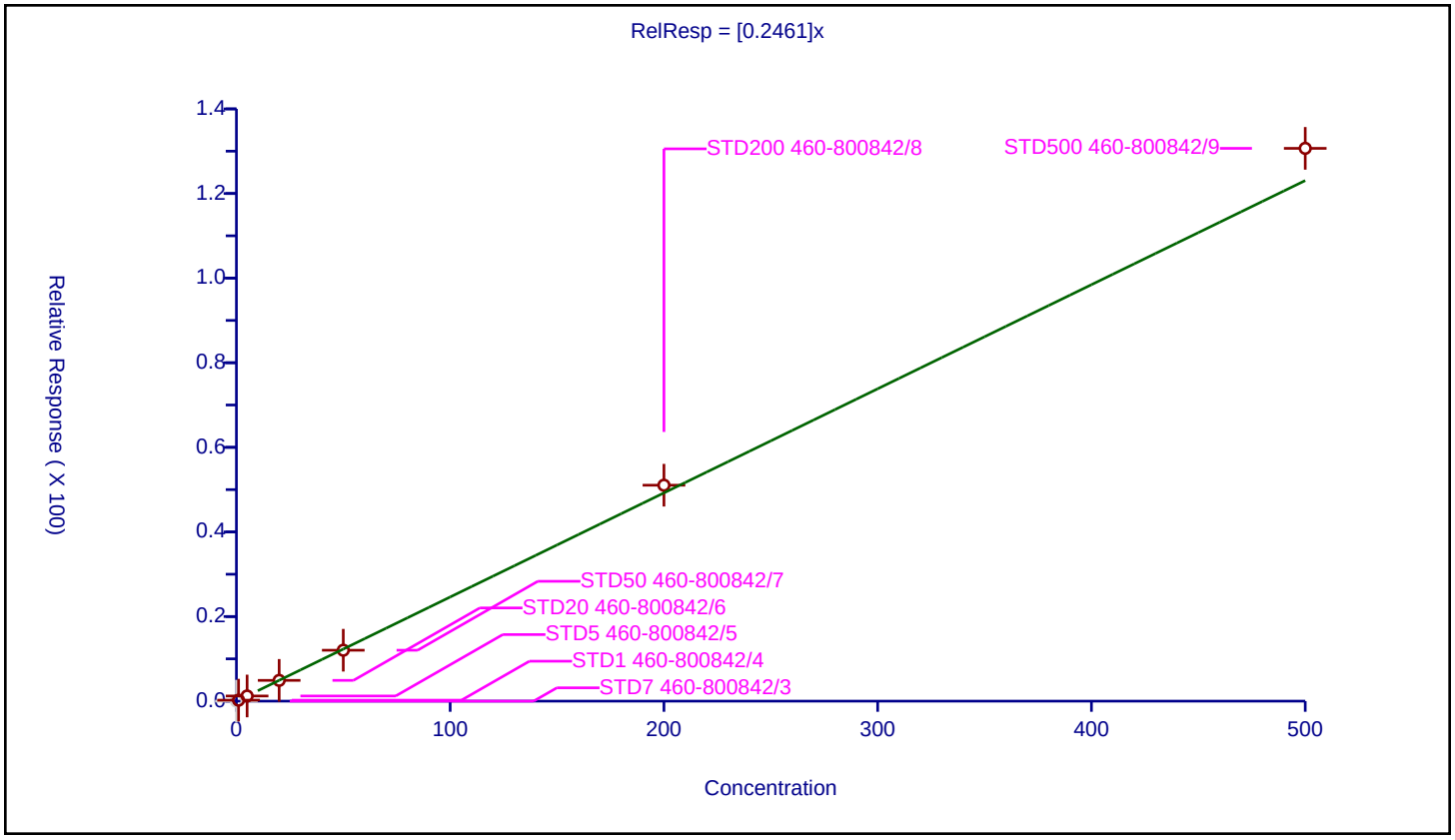
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2461 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 686000 |
| **Relative Standard Error:** | 4.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.229962 | 50.0 | 555310.0 | 0.229962 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.220654 | 50.0 | 536106.0 | 0.244131 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 4.906353 | 50.0 | 543530.0 | 0.245318 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 12.03652 | 50.0 | 535325.0 | 0.24073 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 51.042708 | 50.0 | 531405.0 | 0.255214 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 130.670093 | 50.0 | 546327.0 | 0.26134 | Y |



## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

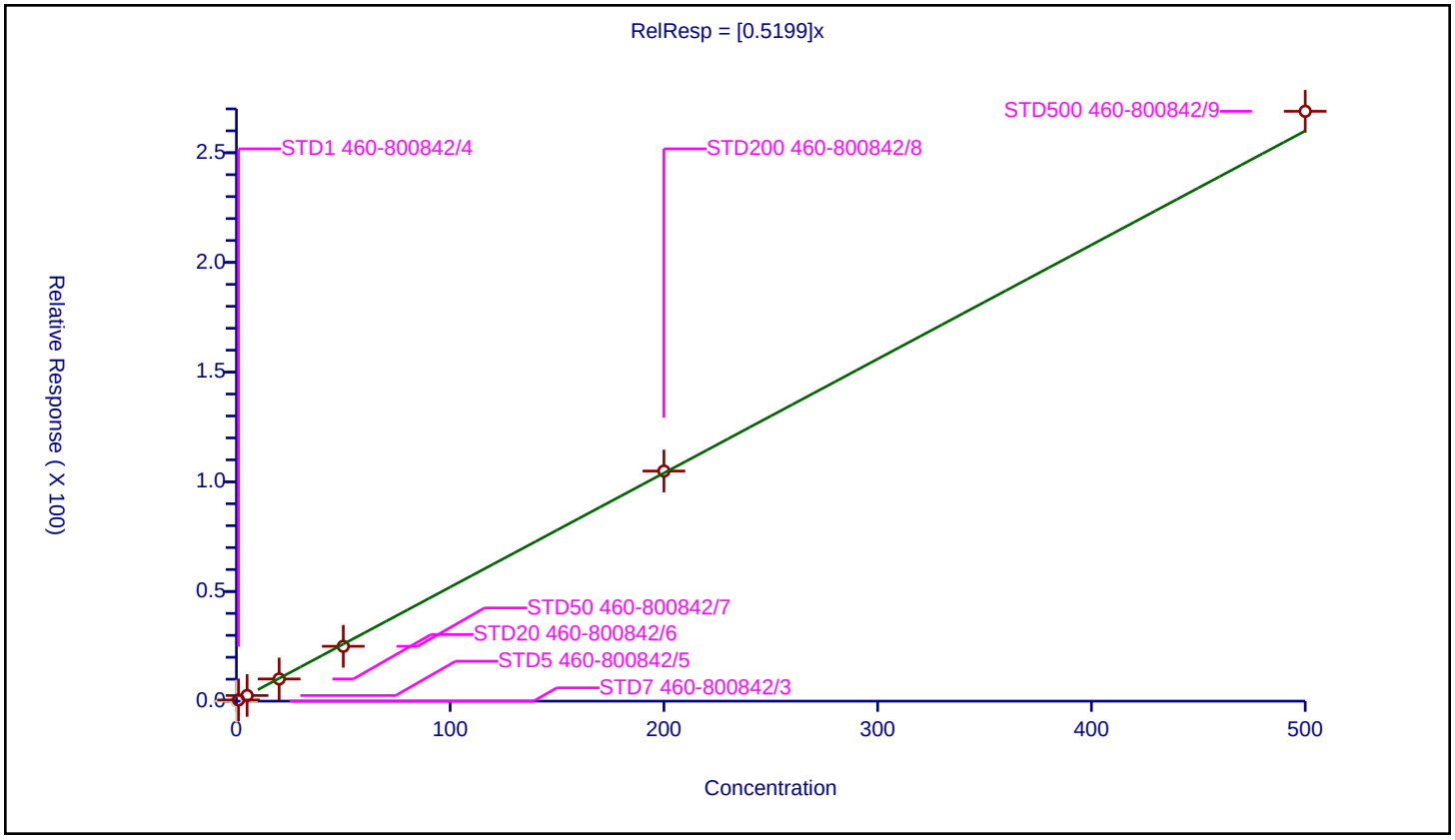
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5199 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1410000 |
| **Relative Standard Error:** | 3.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.538438 | 50.0 | 555310.0 | 0.538438 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.563299 | 50.0 | 536106.0 | 0.51266 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 10.121796 | 50.0 | 543530.0 | 0.50609 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 25.006024 | 50.0 | 535325.0 | 0.50012 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 104.907933 | 50.0 | 531405.0 | 0.52454 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 268.910195 | 50.0 | 546327.0 | 0.53782 | Y |



## Calibration / Acrylonitrile

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

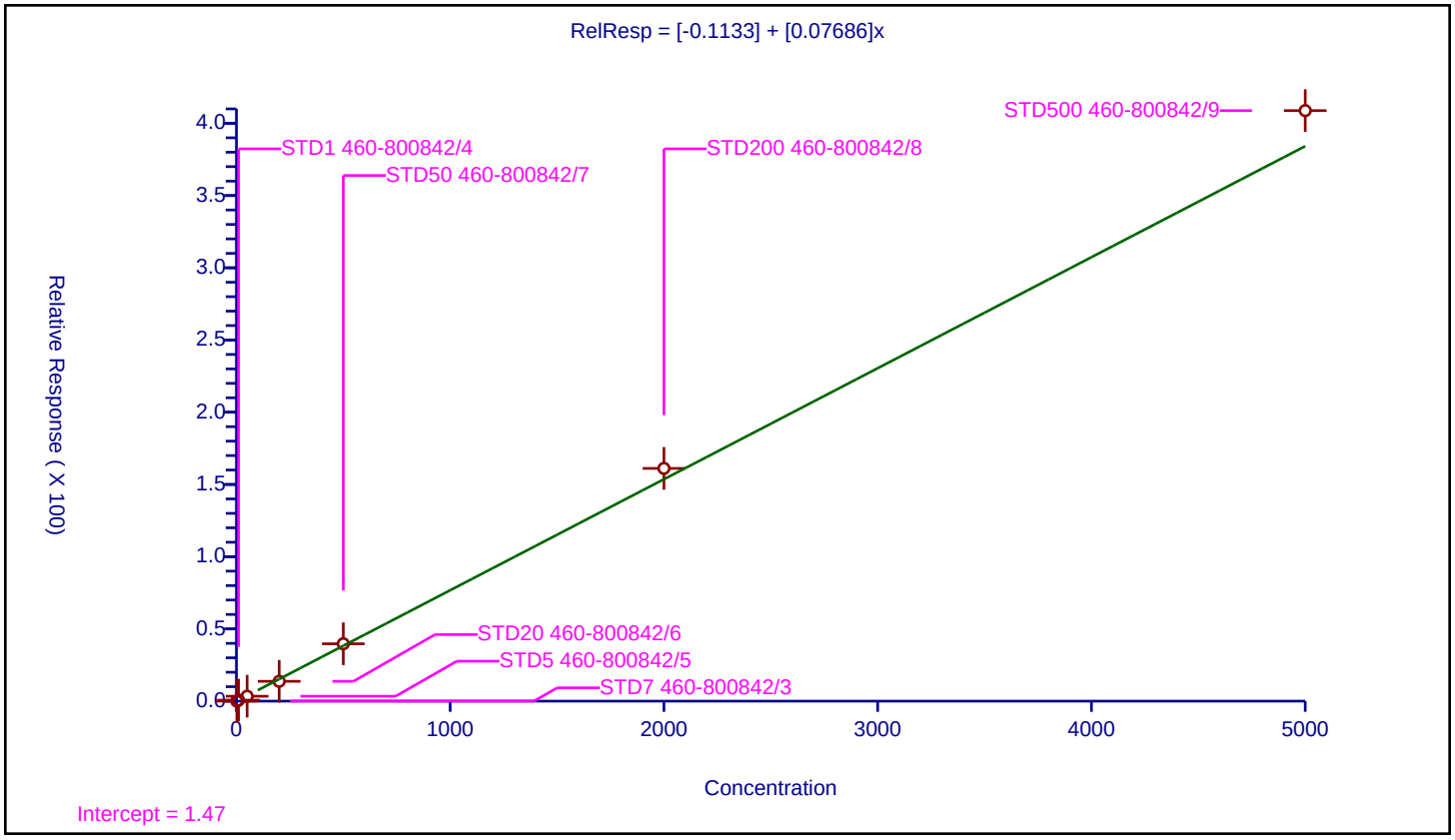
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.1133 |
| **Slope:** | 0.07686 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2150000 |
| **Relative Standard Error:** | 7.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 2.0 | 0.039846 | 50.0 | 537064.0 | 0.019923 | Y |
| 2 | STD1 460-800842/4 | 10.0 | 0.684573 | 50.0 | 555310.0 | 0.068457 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 3.40511 | 50.0 | 536106.0 | 0.068102 | Y |
| 4 | STD20 460-800842/6 | 200.0 | 13.732361 | 50.0 | 543530.0 | 0.068662 | Y |
| 5 | STD50 460-800842/7 | 500.0 | 39.707654 | 50.0 | 535325.0 | 0.079415 | Y |
| 6 | STD200 460-800842/8 | 2000.0 | 161.122026 | 50.0 | 531405.0 | 0.080561 | Y |
| 7 | STD500 460-800842/9 | 5000.0 | 408.806356 | 50.0 | 546327.0 | 0.081761 | Y |



## Calibration / Tert-butyl ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

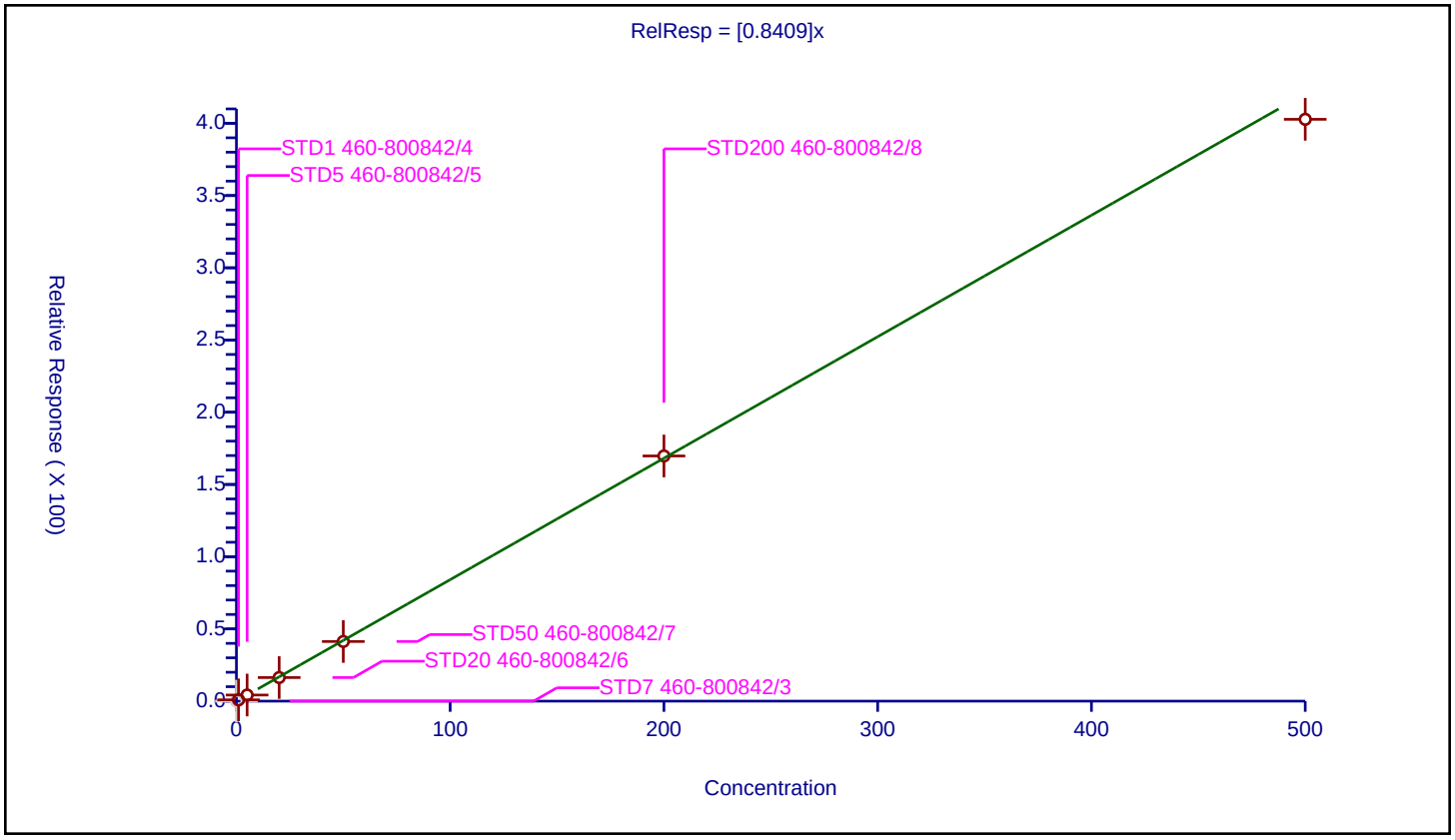
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8409 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2140000 |
| **Relative Standard Error:** | 4.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.902559 | 50.0 | 555310.0 | 0.902559 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 4.229947 | 50.0 | 536106.0 | 0.845989 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 16.335069 | 50.0 | 543530.0 | 0.816753 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 41.296502 | 50.0 | 535325.0 | 0.82593 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 169.724316 | 50.0 | 531405.0 | 0.848622 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 402.789721 | 50.0 | 546327.0 | 0.805579 | Y |



## Calibration / Vinyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

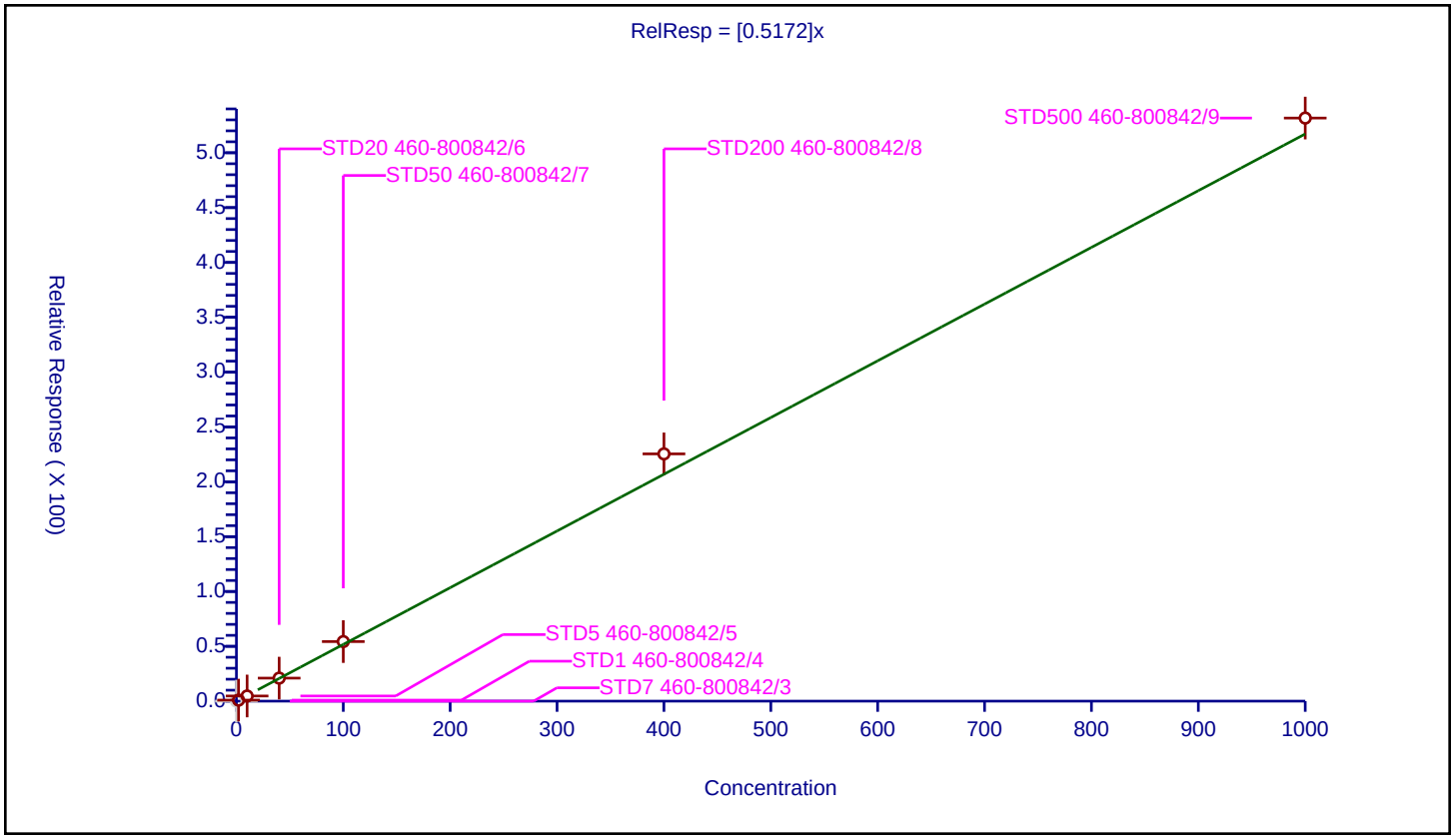
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5172 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2820000 |
| **Relative Standard Error:** | 7.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 2.0 | 0.941546 | 50.0 | 555310.0 | 0.470773 | Y |
| 3 | STD5 460-800842/5 | 10.0 | 4.687786 | 50.0 | 536106.0 | 0.468779 | Y |
| 4 | STD20 460-800842/6 | 40.0 | 21.000865 | 50.0 | 543530.0 | 0.525022 | Y |
| 5 | STD50 460-800842/7 | 100.0 | 54.307197 | 50.0 | 535325.0 | 0.543072 | Y |
| 6 | STD200 460-800842/8 | 400.0 | 225.450551 | 50.0 | 531405.0 | 0.563626 | Y |
| 7 | STD500 460-800842/9 | 1000.0 | 531.638286 | 50.0 | 546327.0 | 0.531638 | Y |



## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

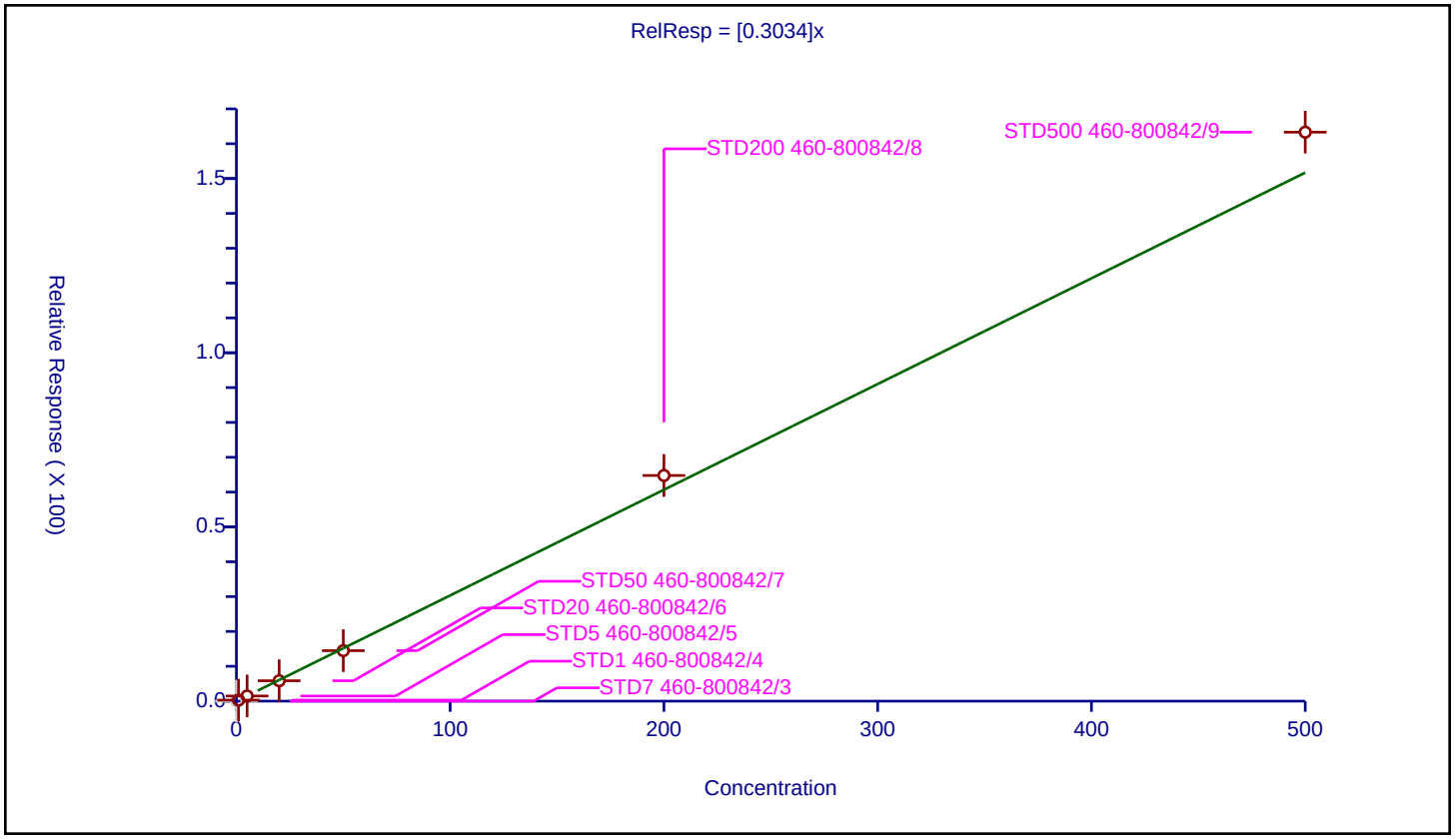
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3034 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 859000 |
| **Relative Standard Error:** | 5.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.291459 | 50.0 | 555310.0 | 0.291459 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.480491 | 50.0 | 536106.0 | 0.296098 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 5.849079 | 50.0 | 543530.0 | 0.292454 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 14.493625 | 50.0 | 535325.0 | 0.289873 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 64.774231 | 50.0 | 531405.0 | 0.323871 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 163.316658 | 50.0 | 546327.0 | 0.326633 | Y |



## Calibration / 2,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

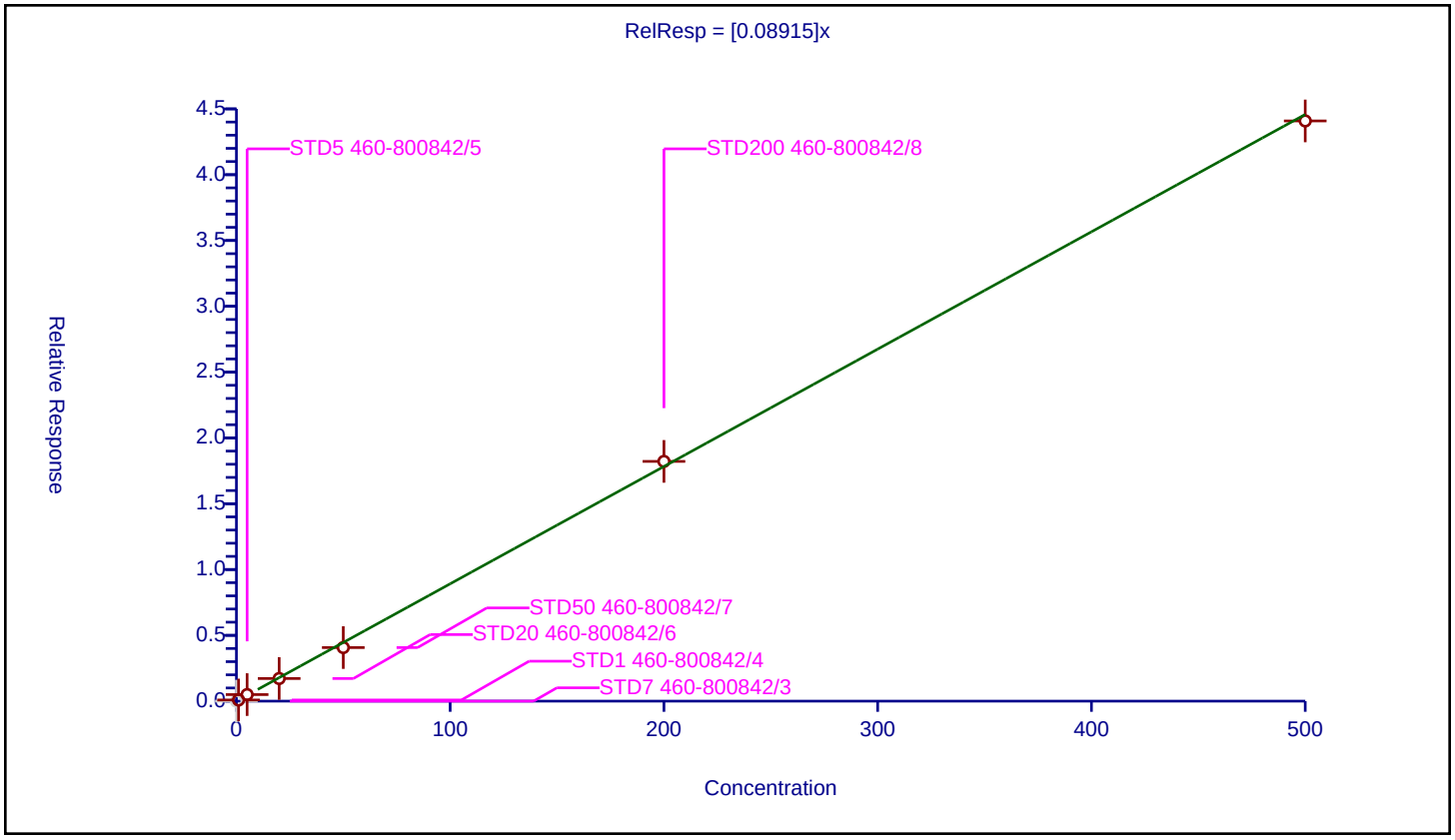
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08915 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 233000 |
| **Relative Standard Error:** | 6.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.088689 | 50.0 | 555310.0 | 0.088689 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.497849 | 50.0 | 536106.0 | 0.09957 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 1.719868 | 50.0 | 543530.0 | 0.085993 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 4.070798 | 50.0 | 535325.0 | 0.081416 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 18.217085 | 50.0 | 531405.0 | 0.091085 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 44.08477 | 50.0 | 546327.0 | 0.08817 | Y |



## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

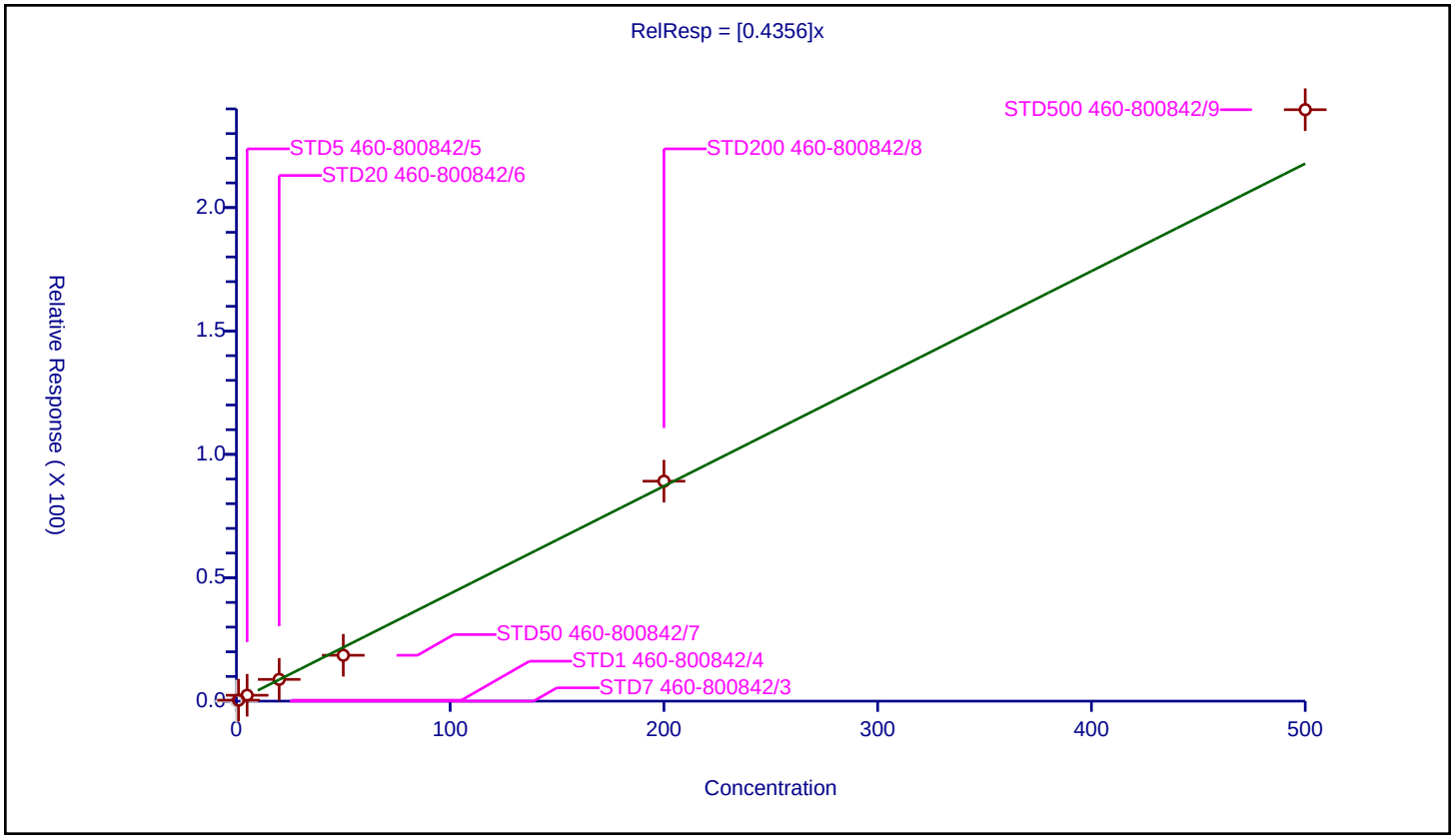
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4356 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1250000 |
| **Relative Standard Error:** | 9.9 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.398066 | 50.0 | 555310.0 | 0.398066 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.390385 | 50.0 | 536106.0 | 0.478077 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 8.815613 | 50.0 | 543530.0 | 0.440781 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 18.592164 | 50.0 | 535325.0 | 0.371843 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 89.130889 | 50.0 | 531405.0 | 0.445654 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 239.681271 | 50.0 | 546327.0 | 0.479363 | Y |



## Calibration / Chlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

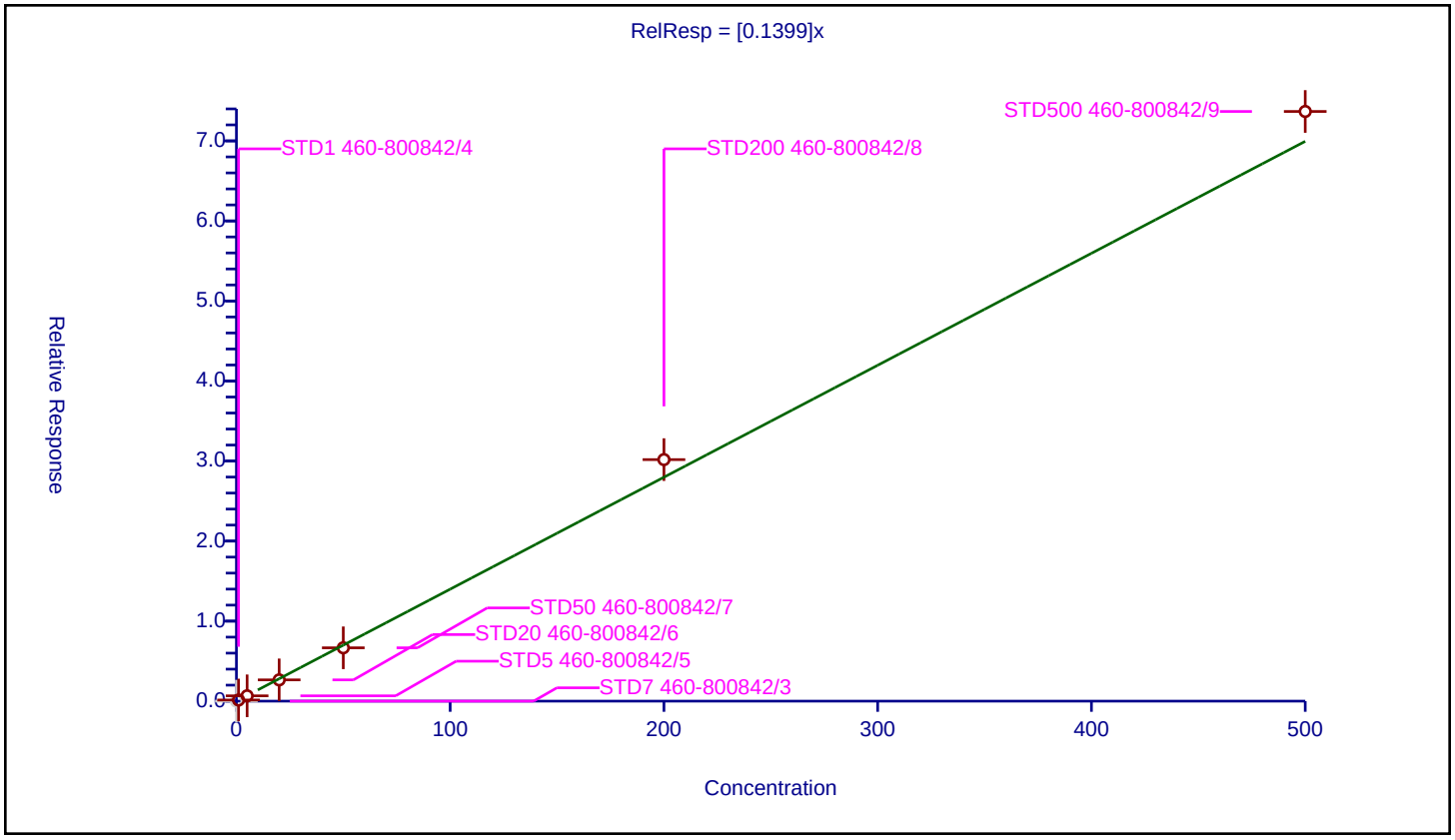
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1399 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 389000 |
| **Relative Standard Error:** | 5.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.142173 | 50.0 | 555310.0 | 0.142173 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.664234 | 50.0 | 536106.0 | 0.132847 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 2.655695 | 50.0 | 543530.0 | 0.132785 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 6.66455 | 50.0 | 535325.0 | 0.133291 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 30.179806 | 50.0 | 531405.0 | 0.150899 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 73.677578 | 50.0 | 546327.0 | 0.147355 | Y |



## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

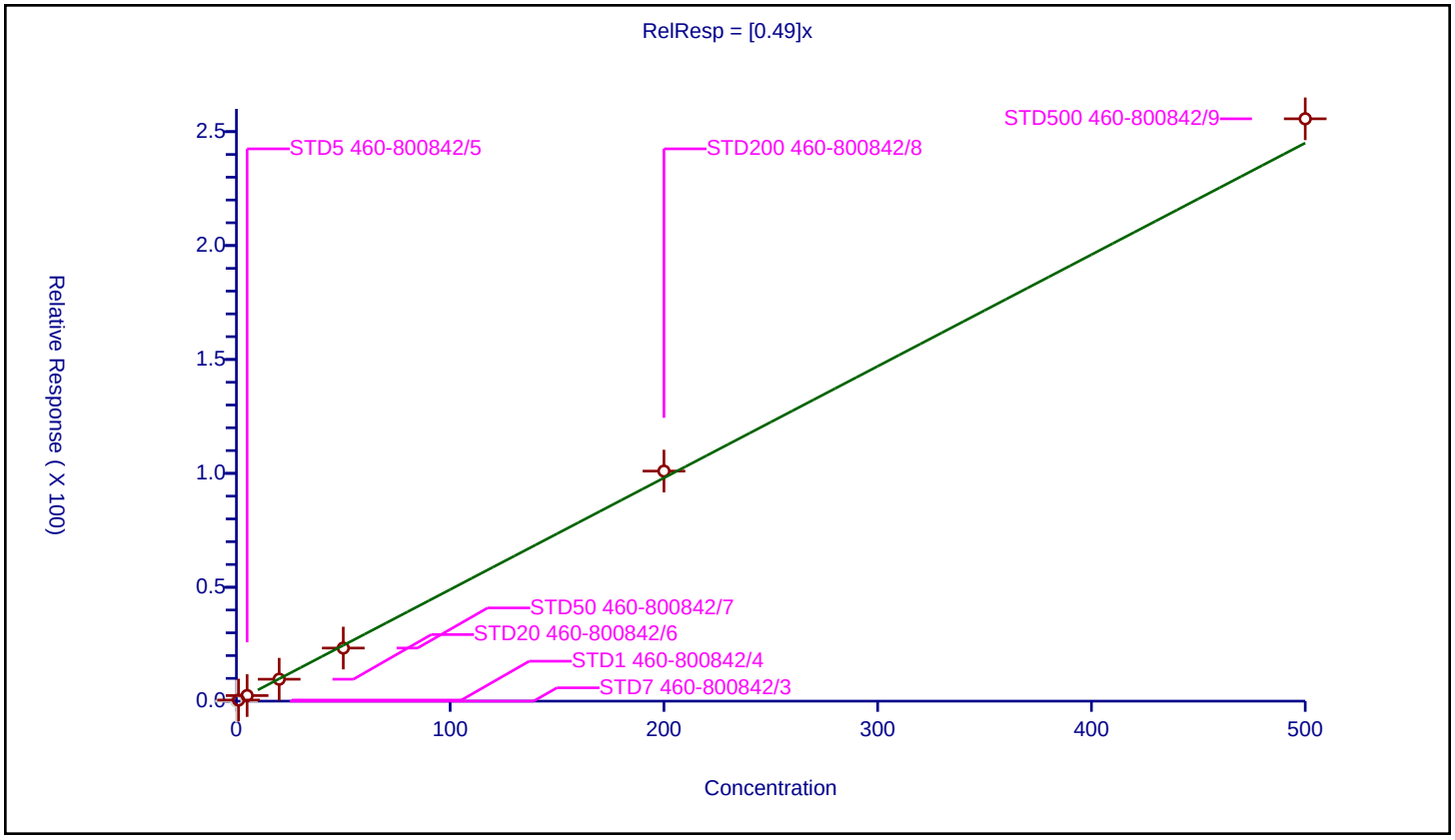
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.49 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1340000 |
| **Relative Standard Error:** | 3.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.485405 | 50.0 | 555310.0 | 0.485405 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.454459 | 50.0 | 536106.0 | 0.490892 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 9.627619 | 50.0 | 543530.0 | 0.481381 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 23.310699 | 50.0 | 535325.0 | 0.466214 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 100.998391 | 50.0 | 531405.0 | 0.504992 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 255.650828 | 50.0 | 546327.0 | 0.511302 | Y |



## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

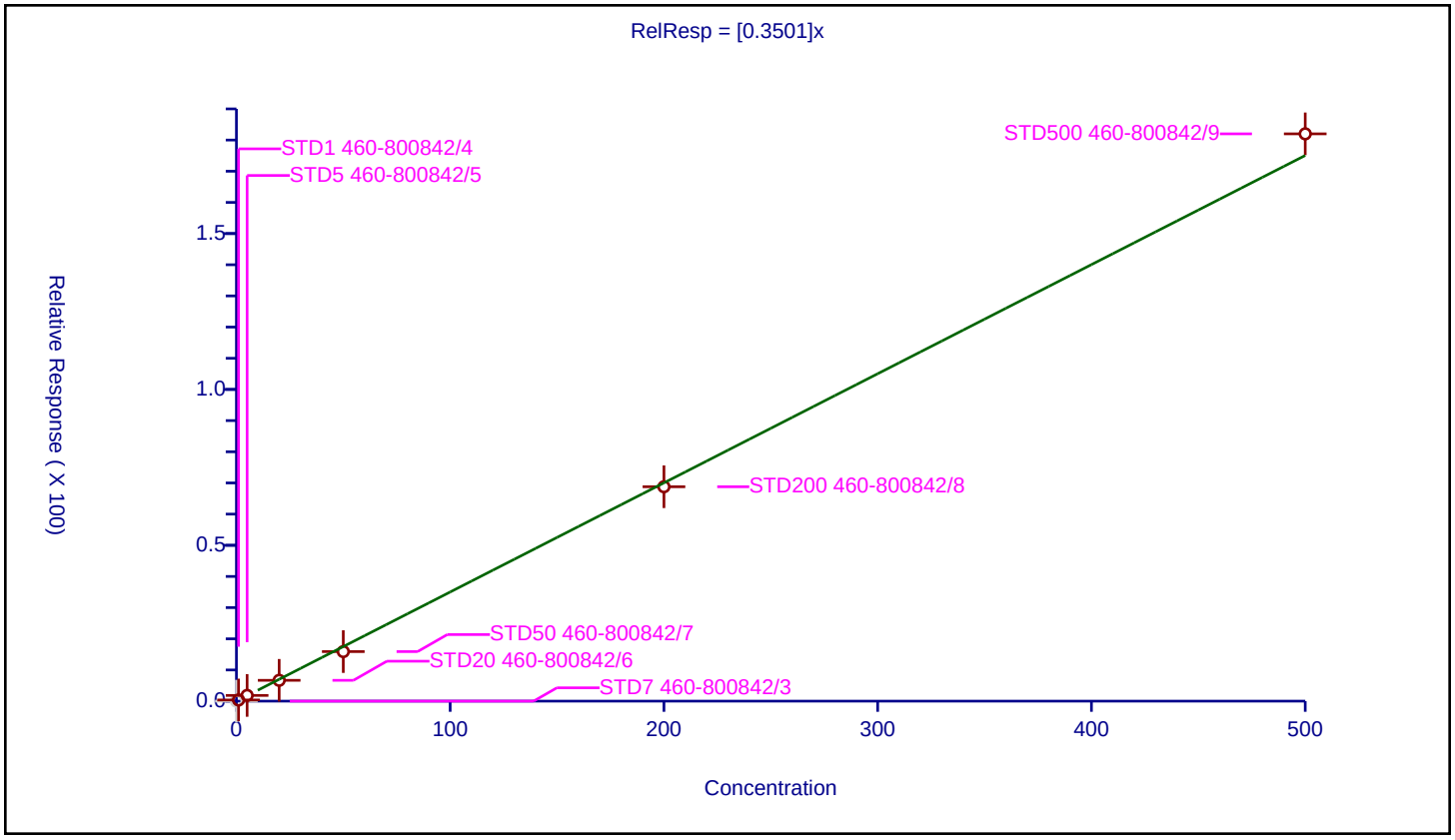
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3501 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 951000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.374115 | 50.0 | 555310.0 | 0.374115 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.833686 | 50.0 | 536106.0 | 0.366737 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 6.680956 | 50.0 | 543530.0 | 0.334048 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 15.895951 | 50.0 | 535325.0 | 0.317919 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 68.776263 | 50.0 | 531405.0 | 0.343881 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 181.996222 | 50.0 | 546327.0 | 0.363992 | Y |



## Calibration / Ethyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

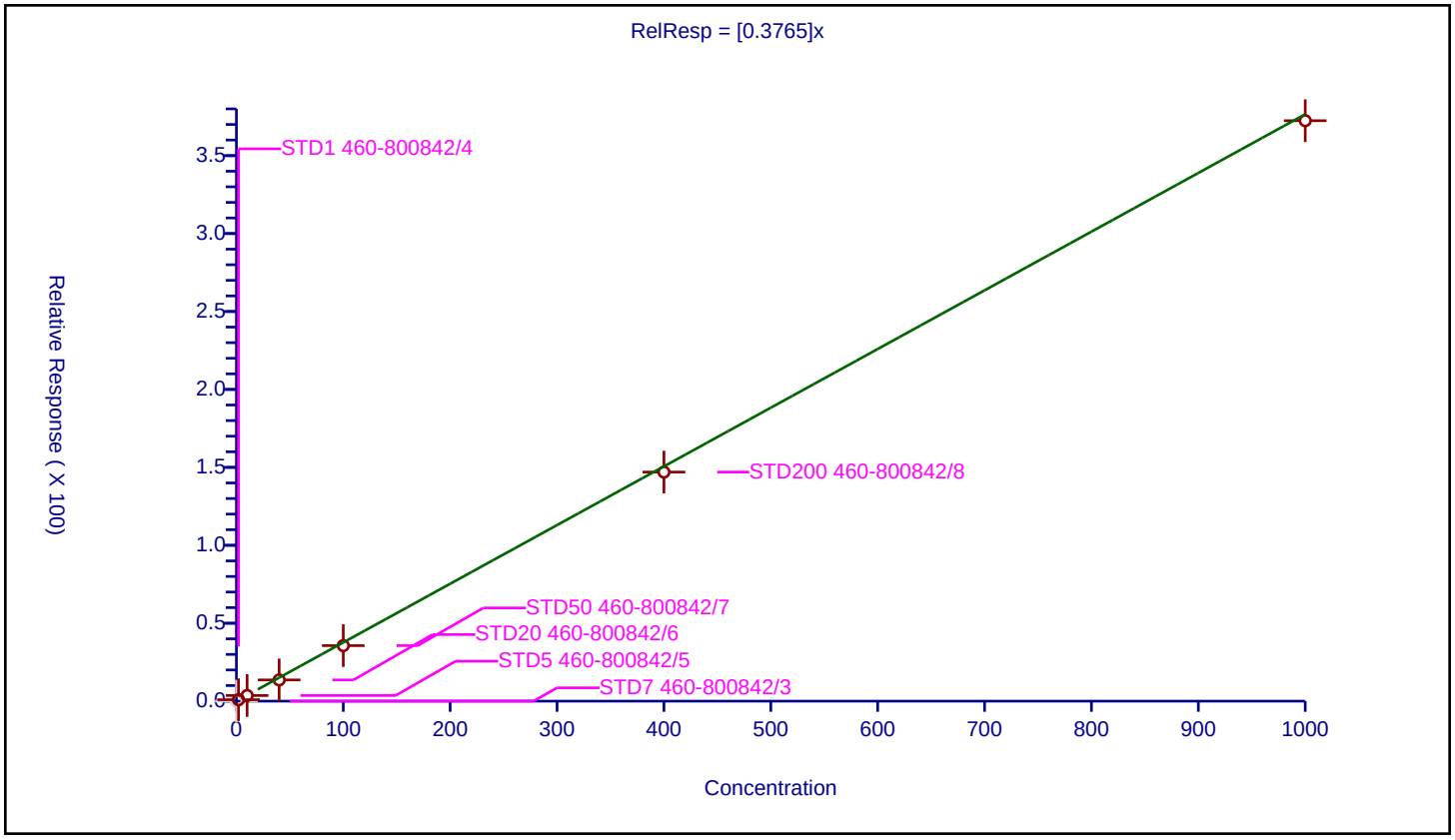
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3765 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 131000 |
| **Relative Standard Error:** | 11.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.984 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 250.0 | 198122.0 | NaN | N |
| 2 | STD1 460-800842/4 | 2.0 | 0.921667 | 250.0 | 189602.0 | 0.460834 | Y |
| 3 | STD5 460-800842/5 | 10.0 | 3.618434 | 250.0 | 176043.0 | 0.361843 | Y |
| 4 | STD20 460-800842/6 | 40.0 | 13.61556 | 250.0 | 169769.0 | 0.340389 | Y |
| 5 | STD50 460-800842/7 | 100.0 | 35.629925 | 250.0 | 173997.0 | 0.356299 | Y |
| 6 | STD200 460-800842/8 | 400.0 | 146.97579 | 250.0 | 181535.0 | 0.367439 | Y |
| 7 | STD500 460-800842/9 | 1000.0 | 372.415131 | 250.0 | 182988.0 | 0.372415 | Y |



## Calibration / Methyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

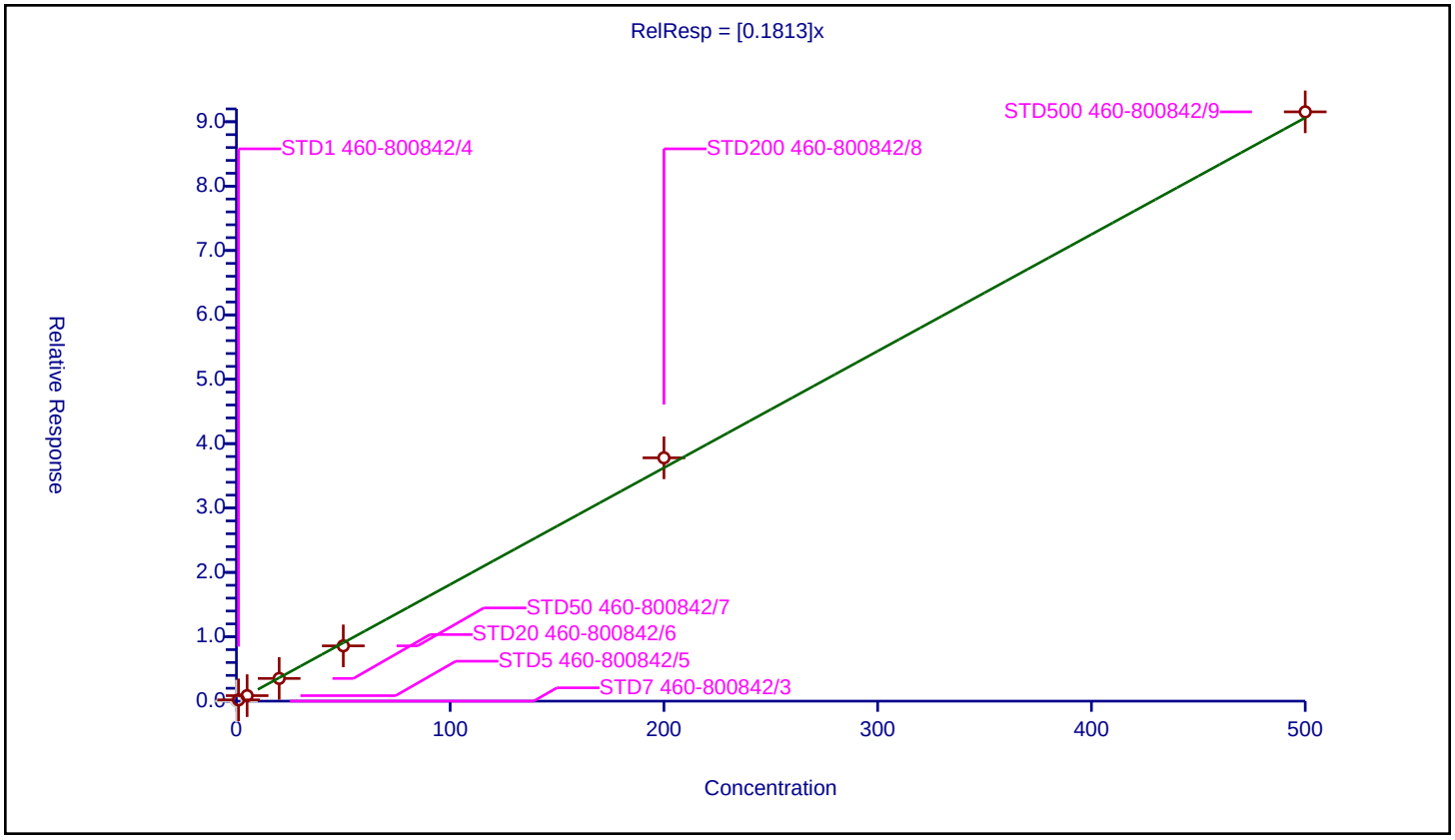
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1813 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 484000 |
| **Relative Standard Error:** | 5.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.196107 | 50.0 | 555310.0 | 0.196107 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.855614 | 50.0 | 536106.0 | 0.171123 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 3.528968 | 50.0 | 543530.0 | 0.176448 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 8.588241 | 50.0 | 535325.0 | 0.171765 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 37.796596 | 50.0 | 531405.0 | 0.188983 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 91.540048 | 50.0 | 546327.0 | 0.18308 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

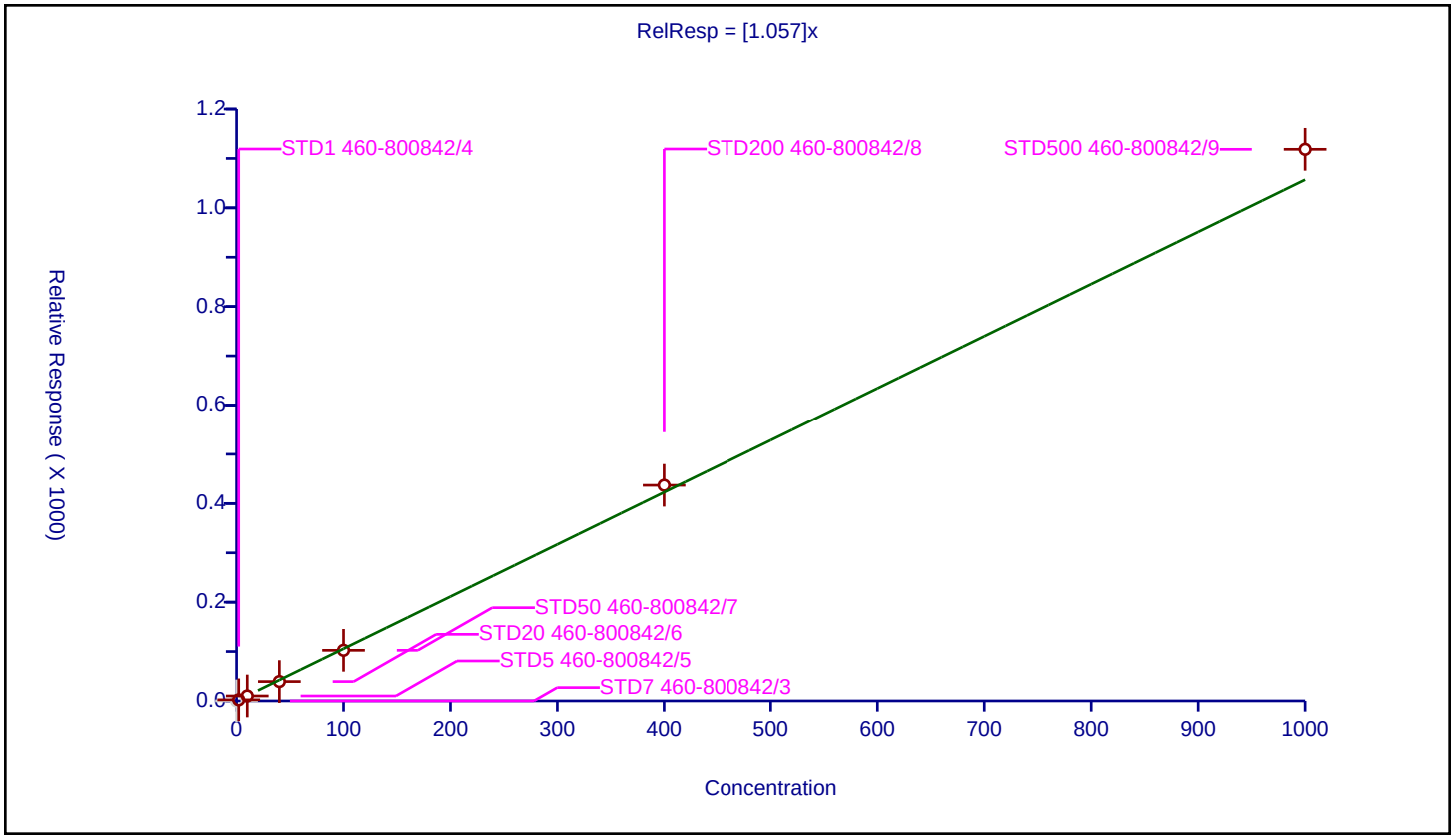
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.057 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 394000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 250.0 | 198122.0 | NaN | N |
| 2 | STD1 460-800842/4 | 2.0 | 2.234945 | 250.0 | 189602.0 | 1.117472 | Y |
| 3 | STD5 460-800842/5 | 10.0 | 10.079924 | 250.0 | 176043.0 | 1.007992 | Y |
| 4 | STD20 460-800842/6 | 40.0 | 39.209161 | 250.0 | 169769.0 | 0.980229 | Y |
| 5 | STD50 460-800842/7 | 100.0 | 102.52763 | 250.0 | 173997.0 | 1.025276 | Y |
| 6 | STD200 460-800842/8 | 400.0 | 437.005261 | 250.0 | 181535.0 | 1.092513 | Y |
| 7 | STD500 460-800842/9 | 1000.0 | 1118.432629 | 250.0 | 182988.0 | 1.118433 | Y |



## Calibration / 1,1,1-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

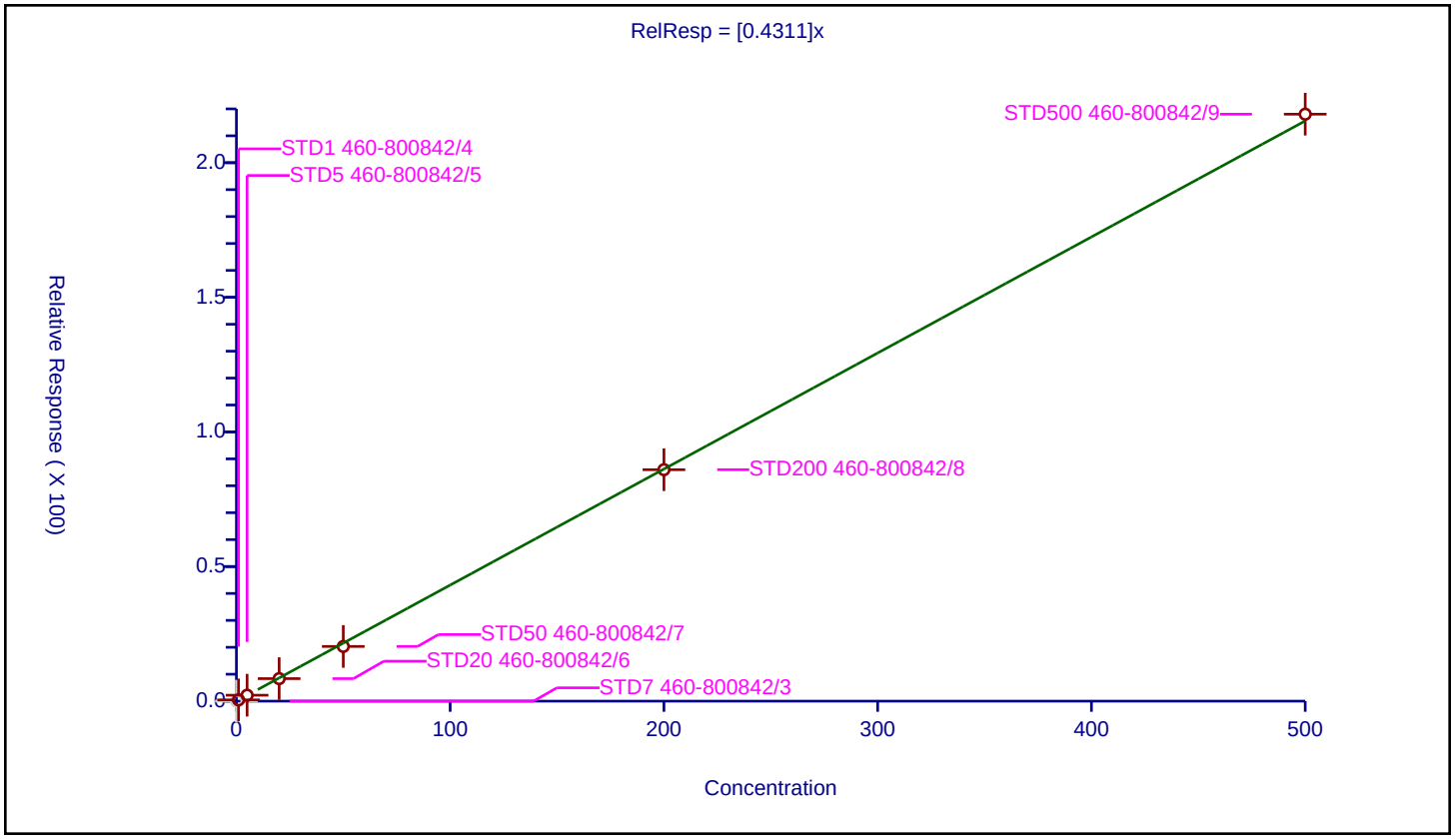
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4311 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1150000 |
| **Relative Standard Error:** | 4.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.455421 | 50.0 | 555310.0 | 0.455421 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.202829 | 50.0 | 536106.0 | 0.440566 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 8.365684 | 50.0 | 543530.0 | 0.418284 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 20.314015 | 50.0 | 535325.0 | 0.40628 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 85.971434 | 50.0 | 531405.0 | 0.429857 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 218.027665 | 50.0 | 546327.0 | 0.436055 | Y |



## Calibration / Dibromofluoromethane (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

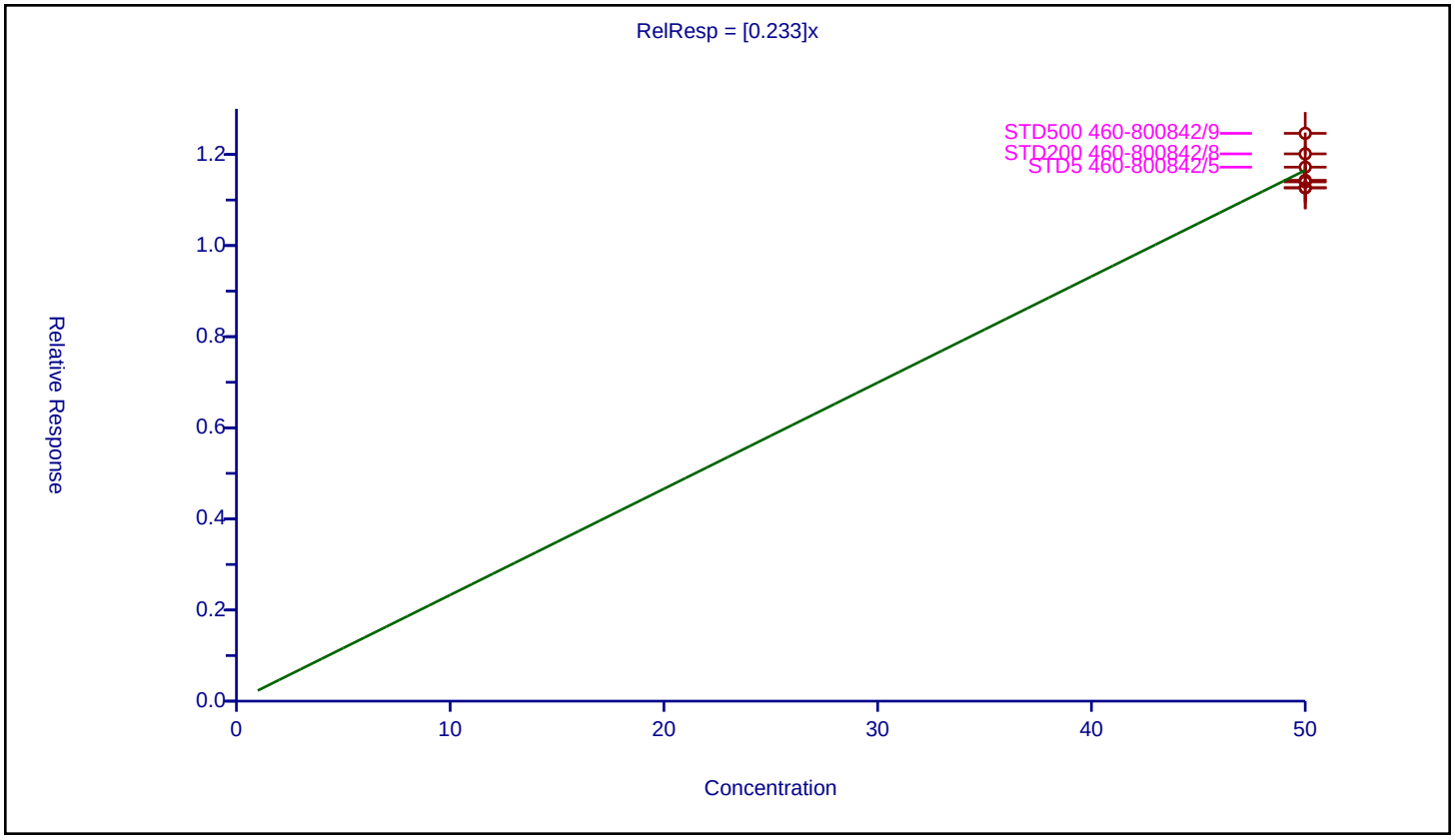
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.233 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 136000 |
| **Relative Standard Error:** | 3.8 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 50.0 | 11.398176 | 50.0 | 537064.0 | 0.227964 | Y |
| 2 | STD1 460-800842/4 | 50.0 | 11.432443 | 50.0 | 555310.0 | 0.228649 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 11.721563 | 50.0 | 536106.0 | 0.234431 | Y |
| 4 | STD20 460-800842/6 | 50.0 | 11.268375 | 50.0 | 543530.0 | 0.225368 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 11.268575 | 50.0 | 535325.0 | 0.225372 | Y |
| 6 | STD200 460-800842/8 | 50.0 | 12.01306 | 50.0 | 531405.0 | 0.240261 | Y |
| 7 | STD500 460-800842/9 | 50.0 | 12.463049 | 50.0 | 546327.0 | 0.249261 | Y |



## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

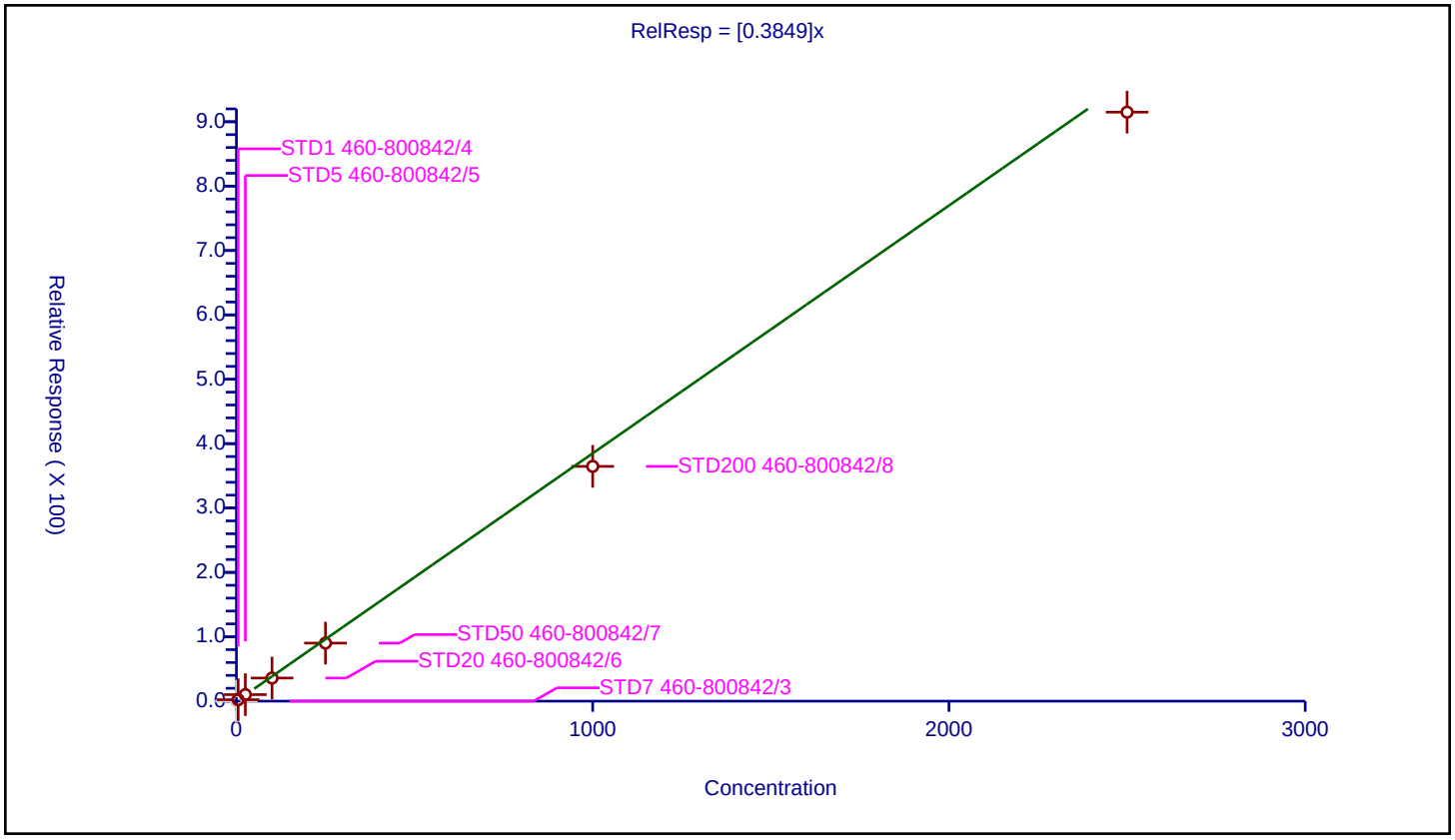
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3849 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 323000 |
| **Relative Standard Error:** | 9.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 250.0 | 198122.0 | NaN | N |
| 2 | STD1 460-800842/4 | 5.0 | 2.265271 | 250.0 | 189602.0 | 0.453054 | Y |
| 3 | STD5 460-800842/5 | 25.0 | 10.15803 | 250.0 | 176043.0 | 0.406321 | Y |
| 4 | STD20 460-800842/6 | 100.0 | 35.885527 | 250.0 | 169769.0 | 0.358855 | Y |
| 5 | STD50 460-800842/7 | 250.0 | 90.175405 | 250.0 | 173997.0 | 0.360702 | Y |
| 6 | STD200 460-800842/8 | 1000.0 | 364.673479 | 250.0 | 181535.0 | 0.364673 | Y |
| 7 | STD500 460-800842/9 | 2500.0 | 914.928848 | 250.0 | 182988.0 | 0.365972 | Y |



## Calibration / 1,1-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

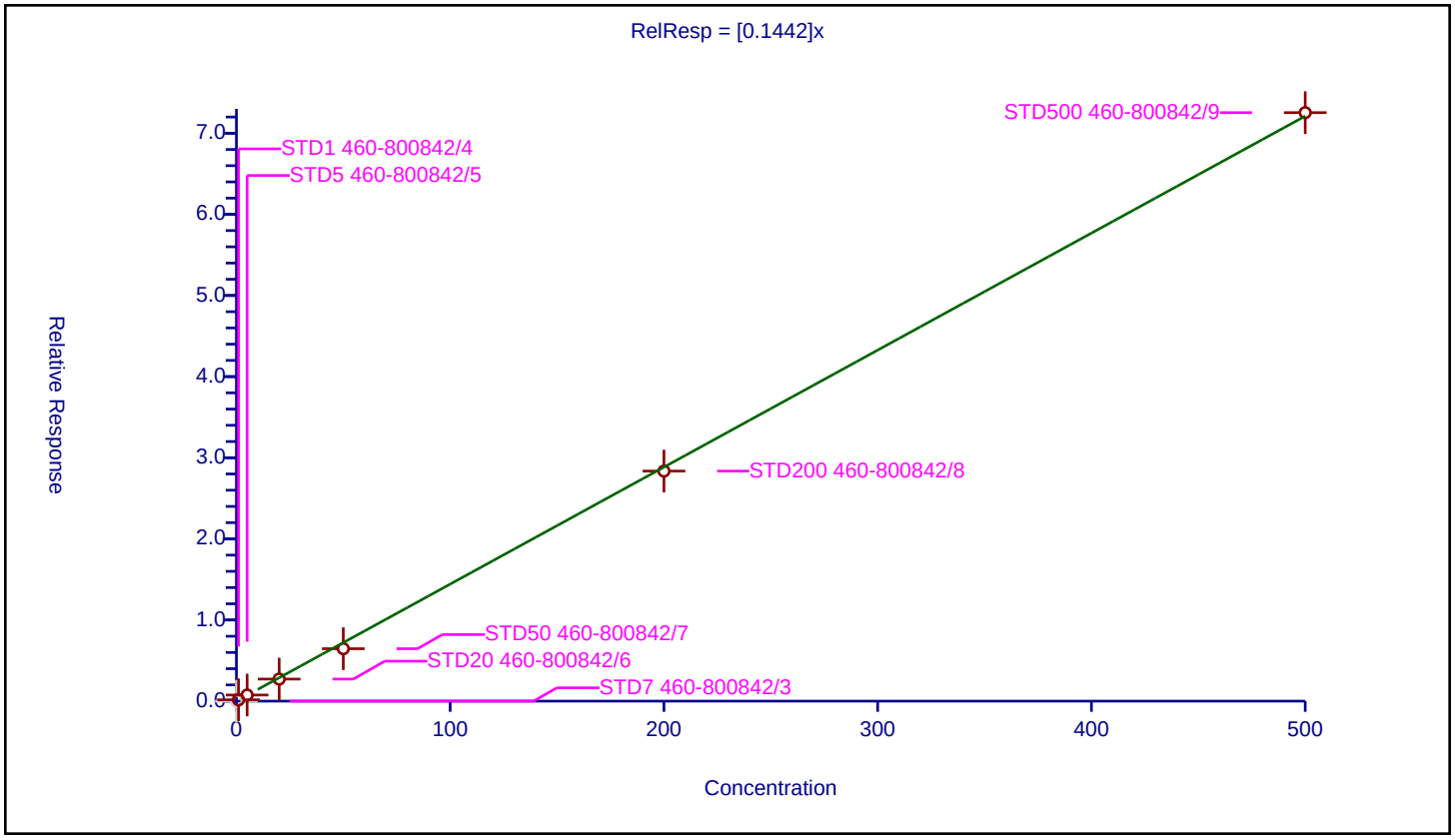
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1442 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 381000 |
| **Relative Standard Error:** | 8.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.162432 | 50.0 | 555310.0 | 0.162432 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.754049 | 50.0 | 536106.0 | 0.15081 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 2.719629 | 50.0 | 543530.0 | 0.135981 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 6.462243 | 50.0 | 535325.0 | 0.129245 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 28.355774 | 50.0 | 531405.0 | 0.141779 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 72.536411 | 50.0 | 546327.0 | 0.145073 | Y |



## Calibration / Isooctane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

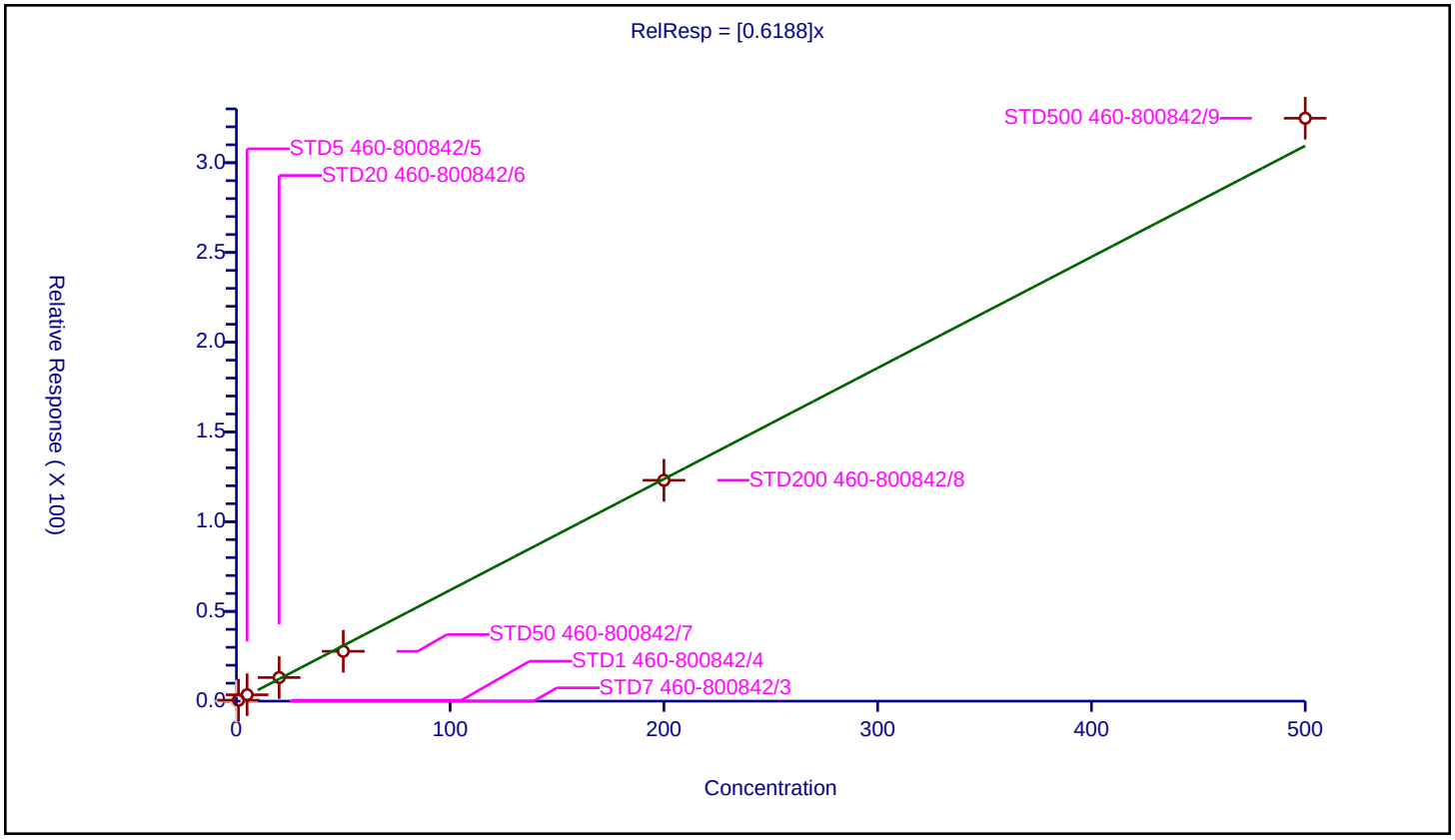
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6188 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1700000 |
| **Relative Standard Error:** | 11.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.524842 | 50.0 | 555310.0 | 0.524842 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 3.550884 | 50.0 | 536106.0 | 0.710177 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 13.15162 | 50.0 | 543530.0 | 0.657581 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 27.767618 | 50.0 | 535325.0 | 0.555352 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 123.057649 | 50.0 | 531405.0 | 0.615288 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 324.796596 | 50.0 | 546327.0 | 0.649593 | Y |



## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

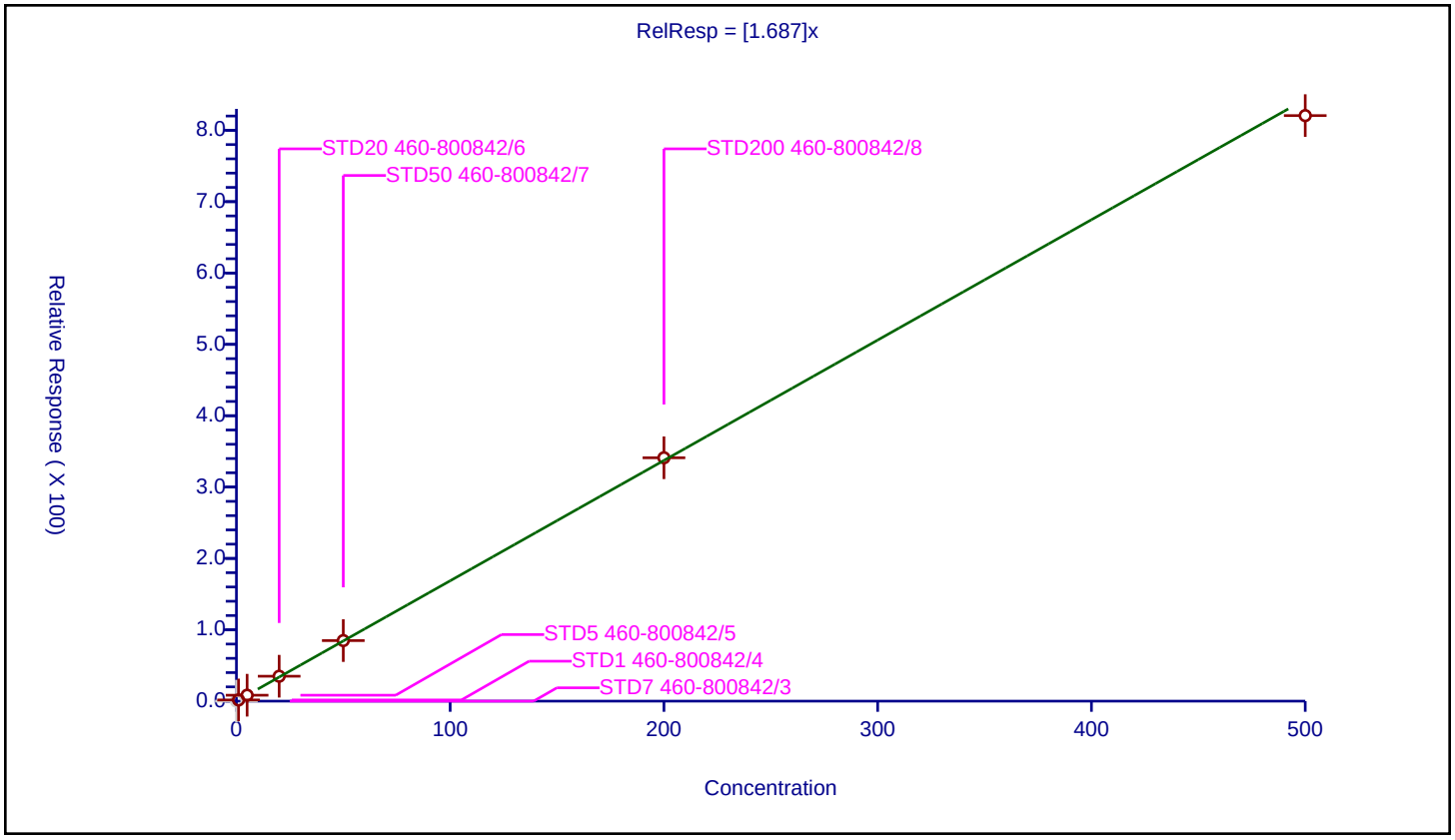
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.687 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3200000 |
| **Relative Standard Error:** | 2.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.670141 | 50.0 | 378980.0 | 1.670141 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 8.30412 | 50.0 | 375115.0 | 1.660824 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 34.906745 | 50.0 | 357461.0 | 1.745337 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 84.876614 | 50.0 | 357334.0 | 1.697532 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 341.076968 | 50.0 | 380364.0 | 1.705385 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 820.581568 | 50.0 | 404957.0 | 1.641163 | Y |



## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

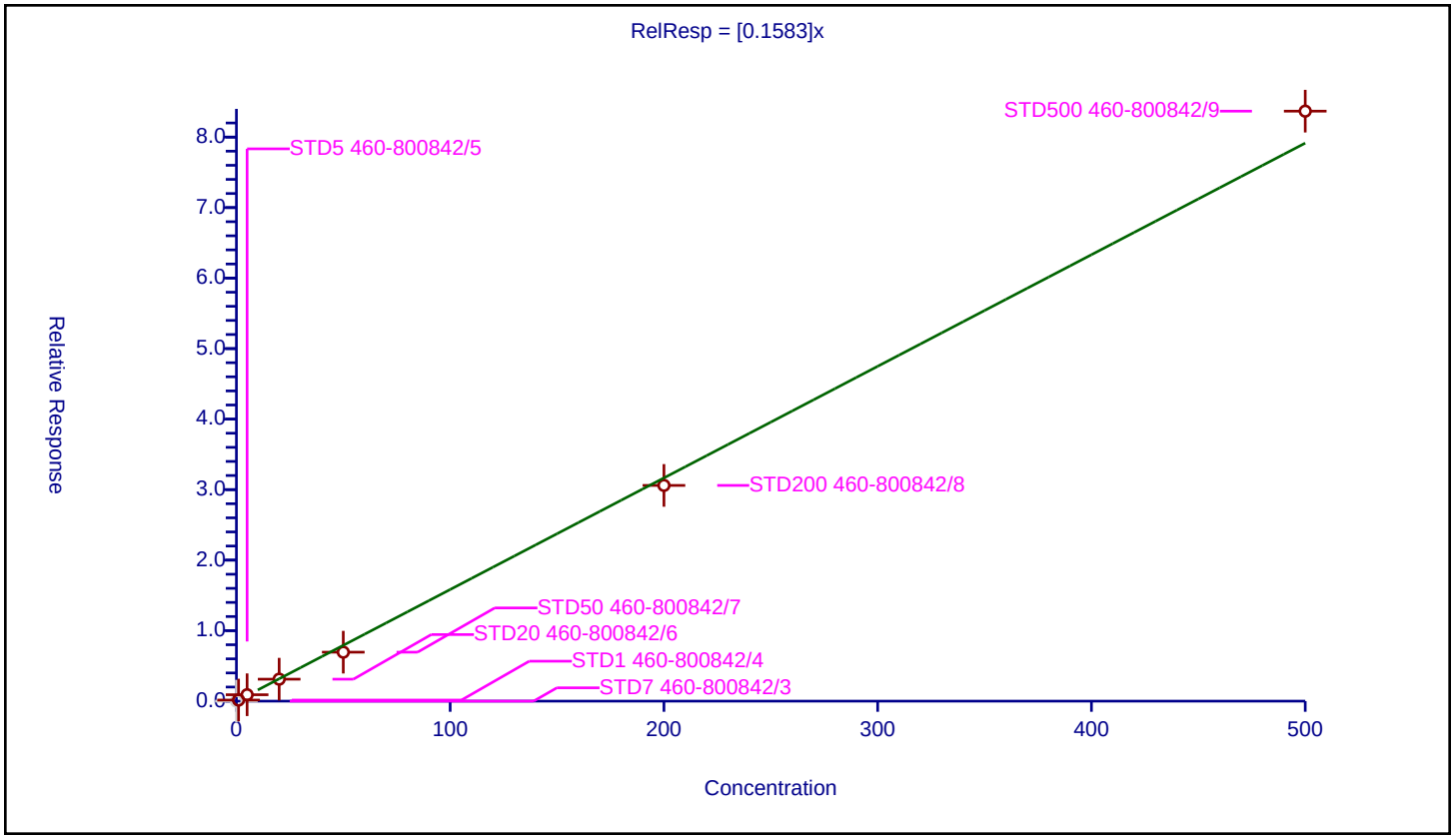
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1583 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 436000 |
| **Relative Standard Error:** | 9.2 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.153338 | 50.0 | 555310.0 | 0.153338 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.90691 | 50.0 | 536106.0 | 0.181382 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 3.116019 | 50.0 | 543530.0 | 0.155801 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 6.944847 | 50.0 | 535325.0 | 0.138897 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 30.596814 | 50.0 | 531405.0 | 0.152984 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 83.679005 | 50.0 | 546327.0 | 0.167358 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

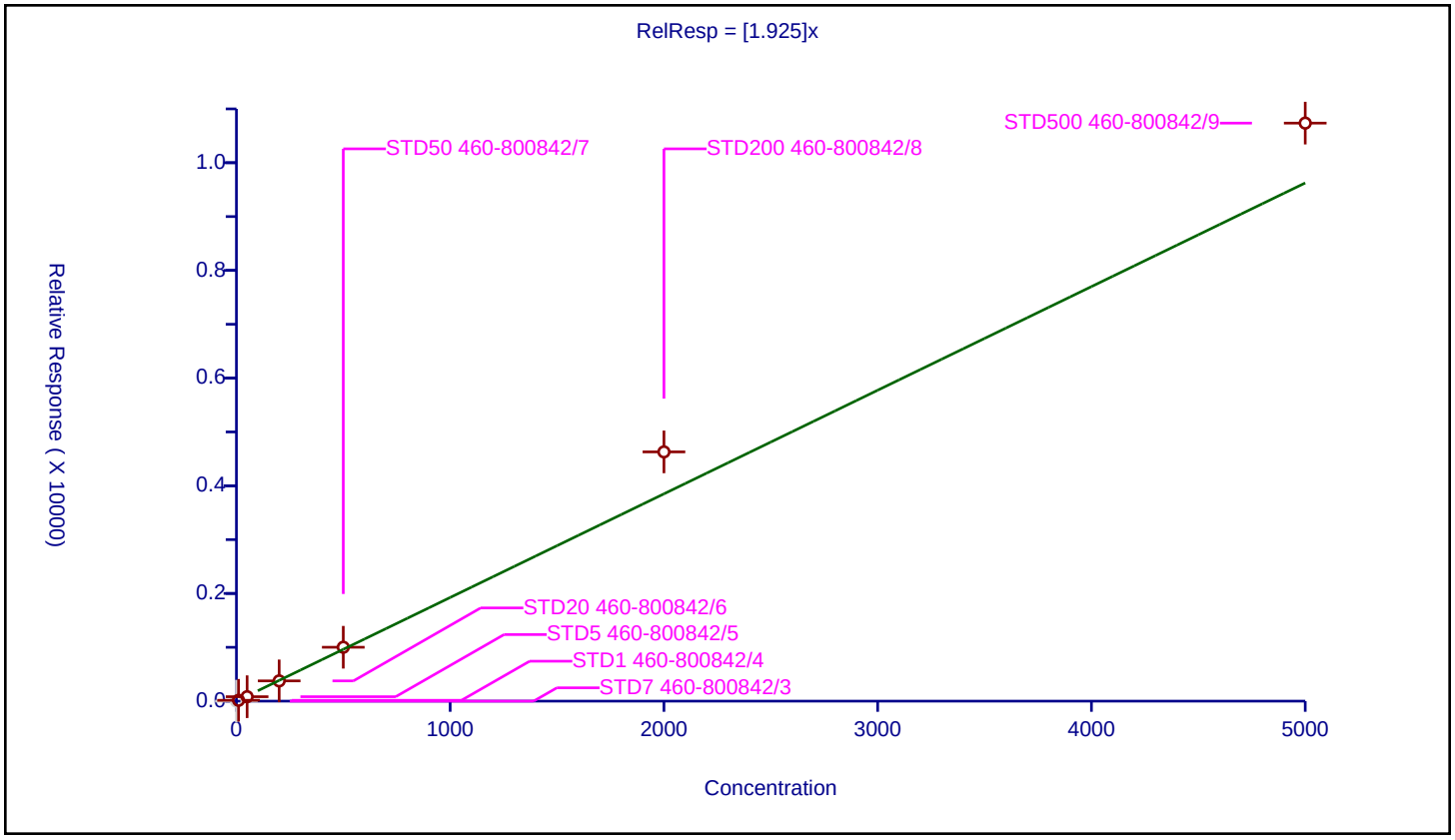
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.925 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 787000 |
| **Relative Standard Error:** | 15.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.977 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 10.0 | 15.579018 | 1000.0 | 160729.0 | 1.557902 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 82.27621 | 1000.0 | 144890.0 | 1.645524 | Y |
| 4 | STD20 460-800842/6 | 200.0 | 376.403716 | 1000.0 | 129834.0 | 1.882019 | Y |
| 5 | STD50 460-800842/7 | 500.0 | 1000.914488 | 1000.0 | 139969.0 | 2.001829 | Y |
| 6 | STD200 460-800842/8 | 2000.0 | 4629.251629 | 1000.0 | 141975.0 | 2.314626 | Y |
| 7 | STD500 460-800842/9 | 5000.0 | 10735.67309 | 1000.0 | 152580.0 | 2.147135 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

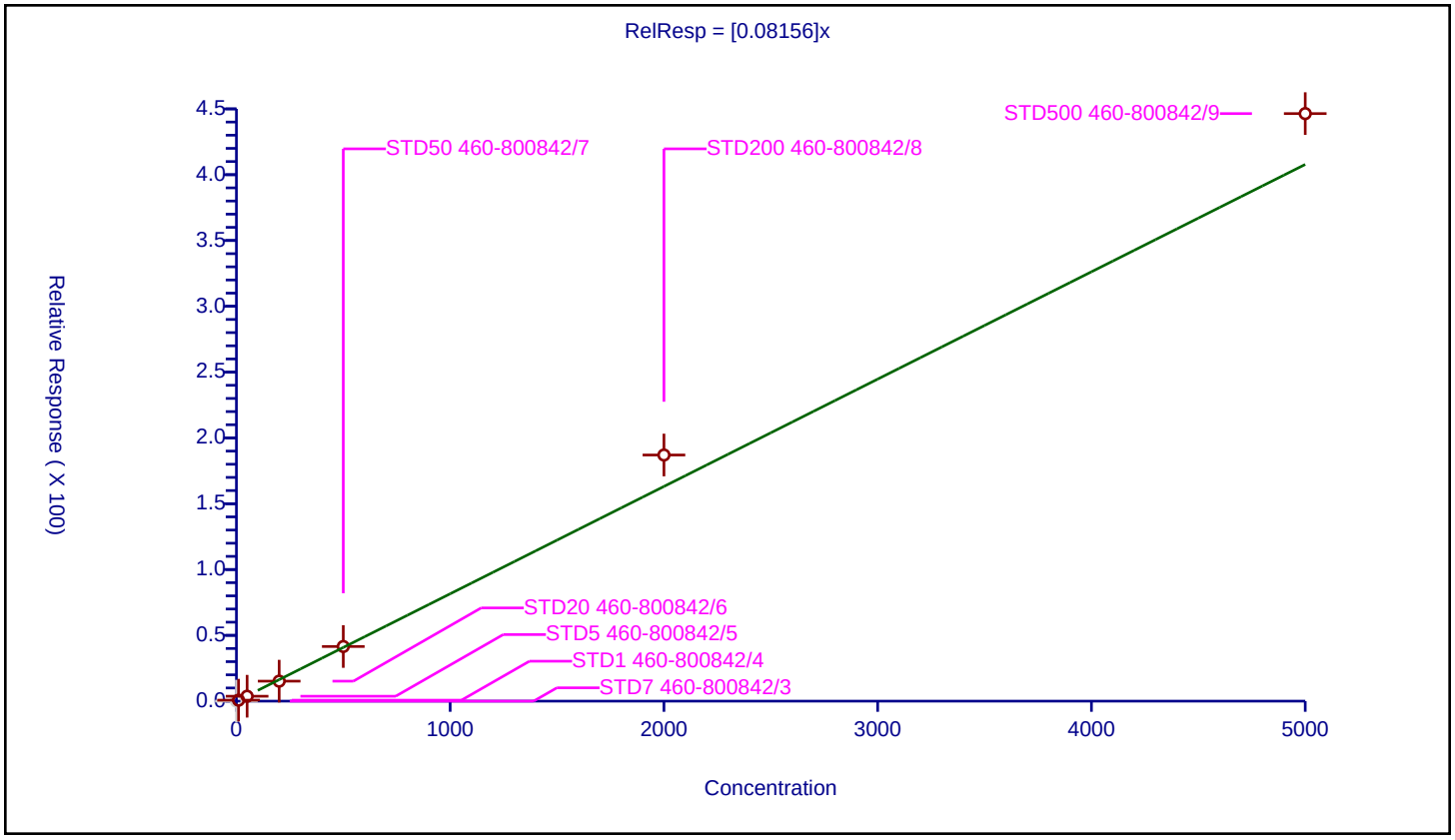
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08156 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2370000 |
| **Relative Standard Error:** | 10.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 10.0 | 0.730043 | 50.0 | 555310.0 | 0.073004 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 3.726502 | 50.0 | 536106.0 | 0.07453 | Y |
| 4 | STD20 460-800842/6 | 200.0 | 15.195113 | 50.0 | 543530.0 | 0.075976 | Y |
| 5 | STD50 460-800842/7 | 500.0 | 41.517863 | 50.0 | 535325.0 | 0.083036 | Y |
| 6 | STD200 460-800842/8 | 2000.0 | 187.01179 | 50.0 | 531405.0 | 0.093506 | Y |
| 7 | STD500 460-800842/9 | 5000.0 | 446.427872 | 50.0 | 546327.0 | 0.089286 | Y |



## Calibration / 1,2-Dichloroethane-d4 (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

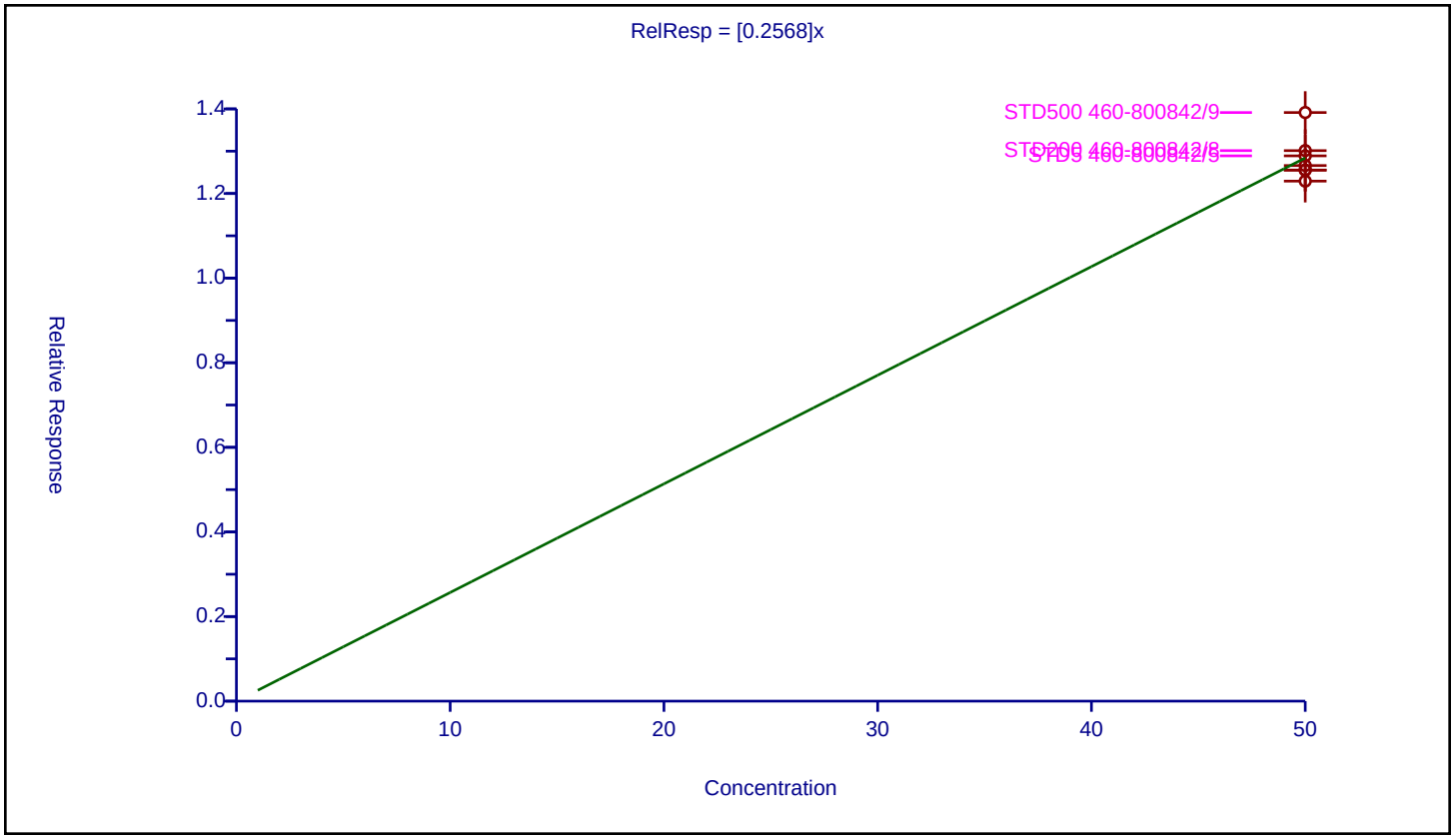
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2568 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 150000 |
| **Relative Standard Error:** | 4.1 |
| **Correlation Coefficient:** | 0.00000000000000000000 |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 50.0 | 12.661061 | 50.0 | 537064.0 | 0.253221 | Y |
| 2 | STD1 460-800842/4 | 50.0 | 12.554339 | 50.0 | 555310.0 | 0.251087 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 12.890268 | 50.0 | 536106.0 | 0.257805 | Y |
| 4 | STD20 460-800842/6 | 50.0 | 12.552573 | 50.0 | 543530.0 | 0.251051 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 12.292533 | 50.0 | 535325.0 | 0.245851 | Y |
| 6 | STD200 460-800842/8 | 50.0 | 13.013615 | 50.0 | 531405.0 | 0.260272 | Y |
| 7 | STD500 460-800842/9 | 50.0 | 13.913828 | 50.0 | 546327.0 | 0.278277 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

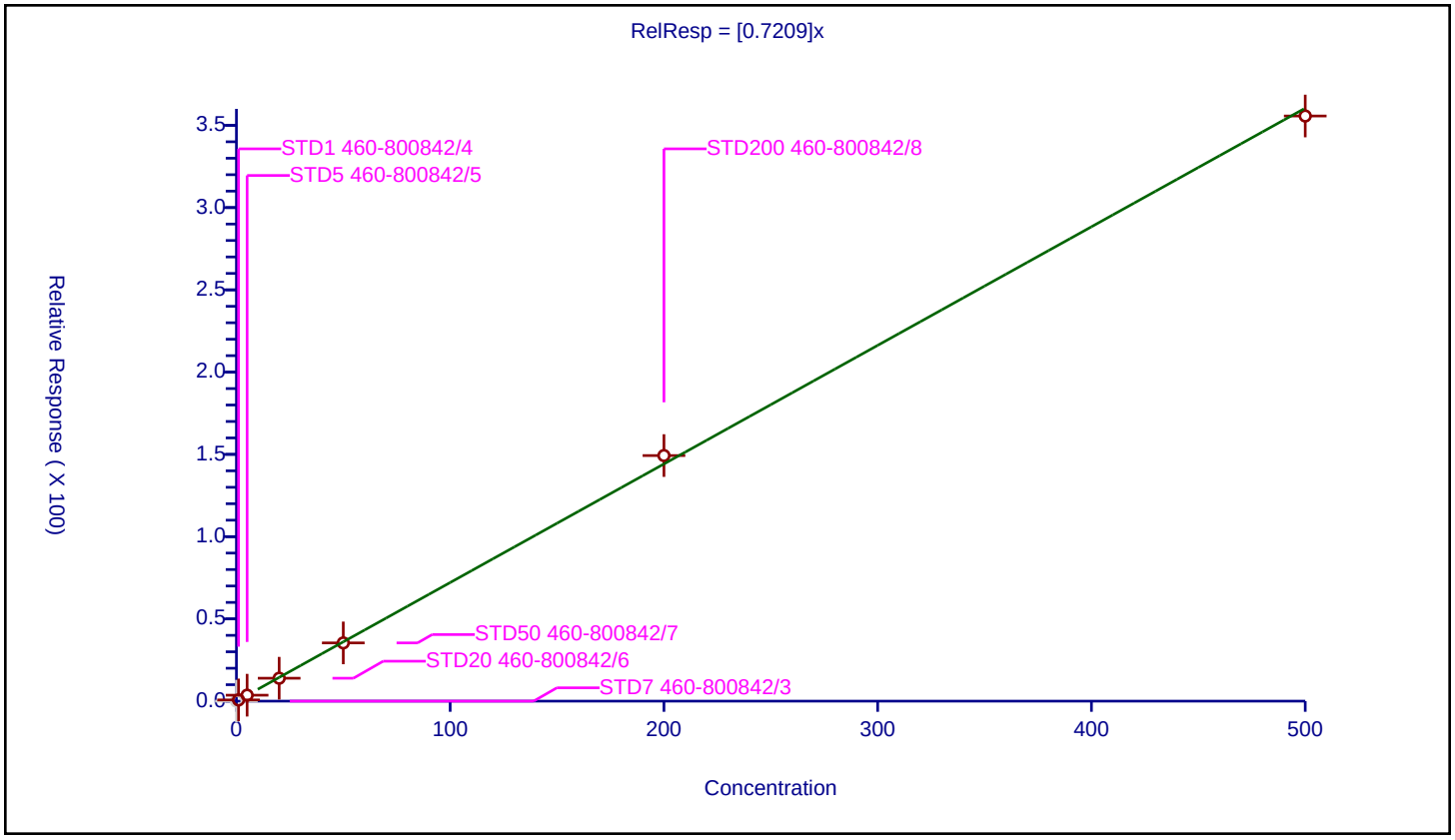
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7209 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1890000 |
| **Relative Standard Error:** | 2.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.739137 | 50.0 | 555310.0 | 0.739137 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 3.61962 | 50.0 | 536106.0 | 0.723924 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 13.92729 | 50.0 | 543530.0 | 0.696365 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 35.402793 | 50.0 | 535325.0 | 0.708056 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 149.283127 | 50.0 | 531405.0 | 0.746416 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 355.669315 | 50.0 | 546327.0 | 0.711339 | Y |



## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

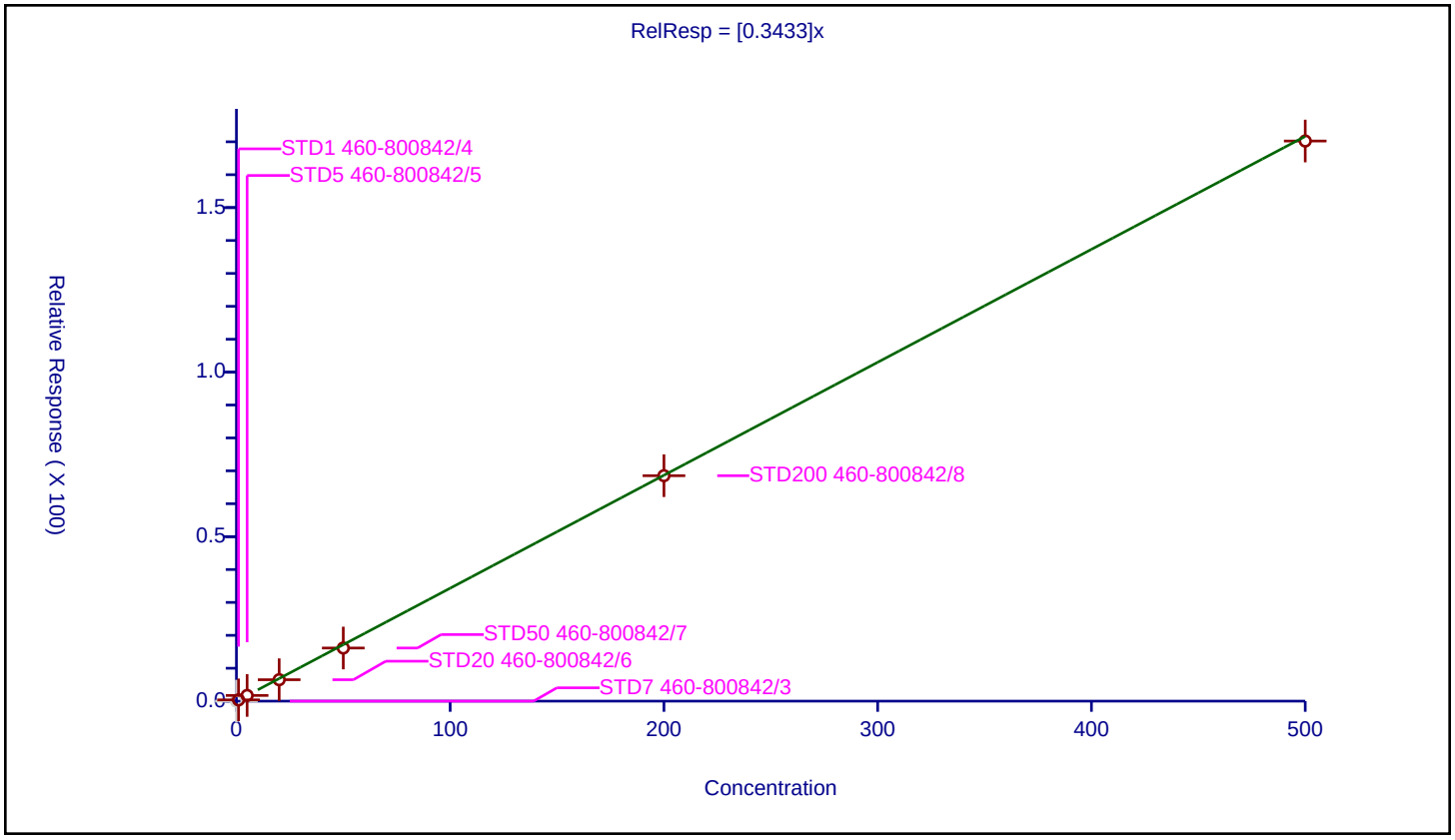
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3433 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 897000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.382489 | 50.0 | 555310.0 | 0.382489 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.727364 | 50.0 | 536106.0 | 0.345473 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 6.514452 | 50.0 | 543530.0 | 0.325723 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 16.148415 | 50.0 | 535325.0 | 0.322968 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 68.520244 | 50.0 | 531405.0 | 0.342601 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 170.238703 | 50.0 | 546327.0 | 0.340477 | Y |



## Calibration / Isobutyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

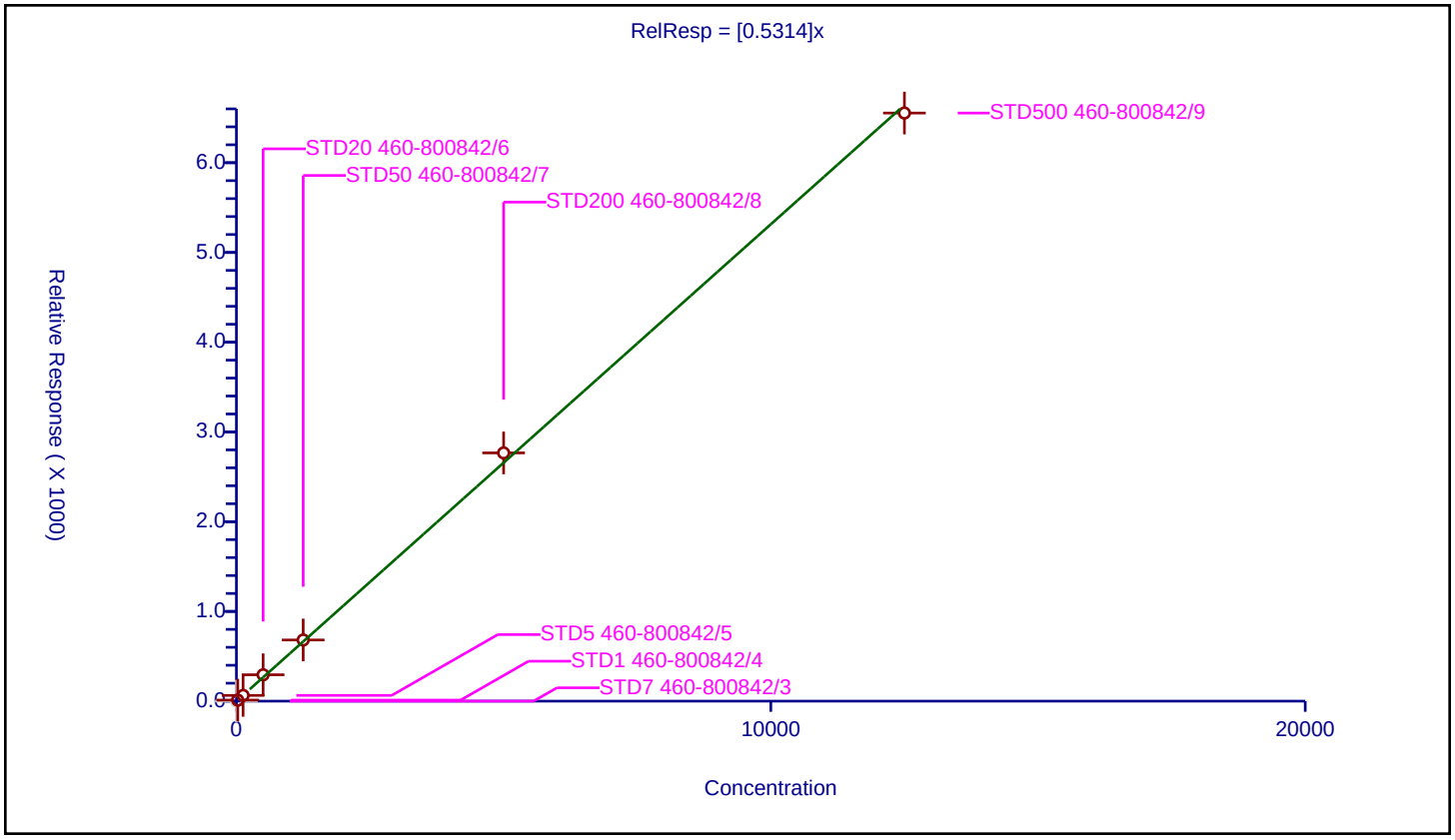
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5314 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 479000 |
| **Relative Standard Error:** | 7.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 25.0 | 11.67182 | 1000.0 | 160729.0 | 0.466873 | Y |
| 3 | STD5 460-800842/5 | 125.0 | 63.876044 | 1000.0 | 144890.0 | 0.511008 | Y |
| 4 | STD20 460-800842/6 | 500.0 | 293.906065 | 1000.0 | 129834.0 | 0.587812 | Y |
| 5 | STD50 460-800842/7 | 1250.0 | 681.536626 | 1000.0 | 139969.0 | 0.545229 | Y |
| 6 | STD200 460-800842/8 | 5000.0 | 2766.395492 | 1000.0 | 141975.0 | 0.553279 | Y |
| 7 | STD500 460-800842/9 | 12500.0 | 6553.624328 | 1000.0 | 152580.0 | 0.52429 | Y |



## Calibration / Isopropyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

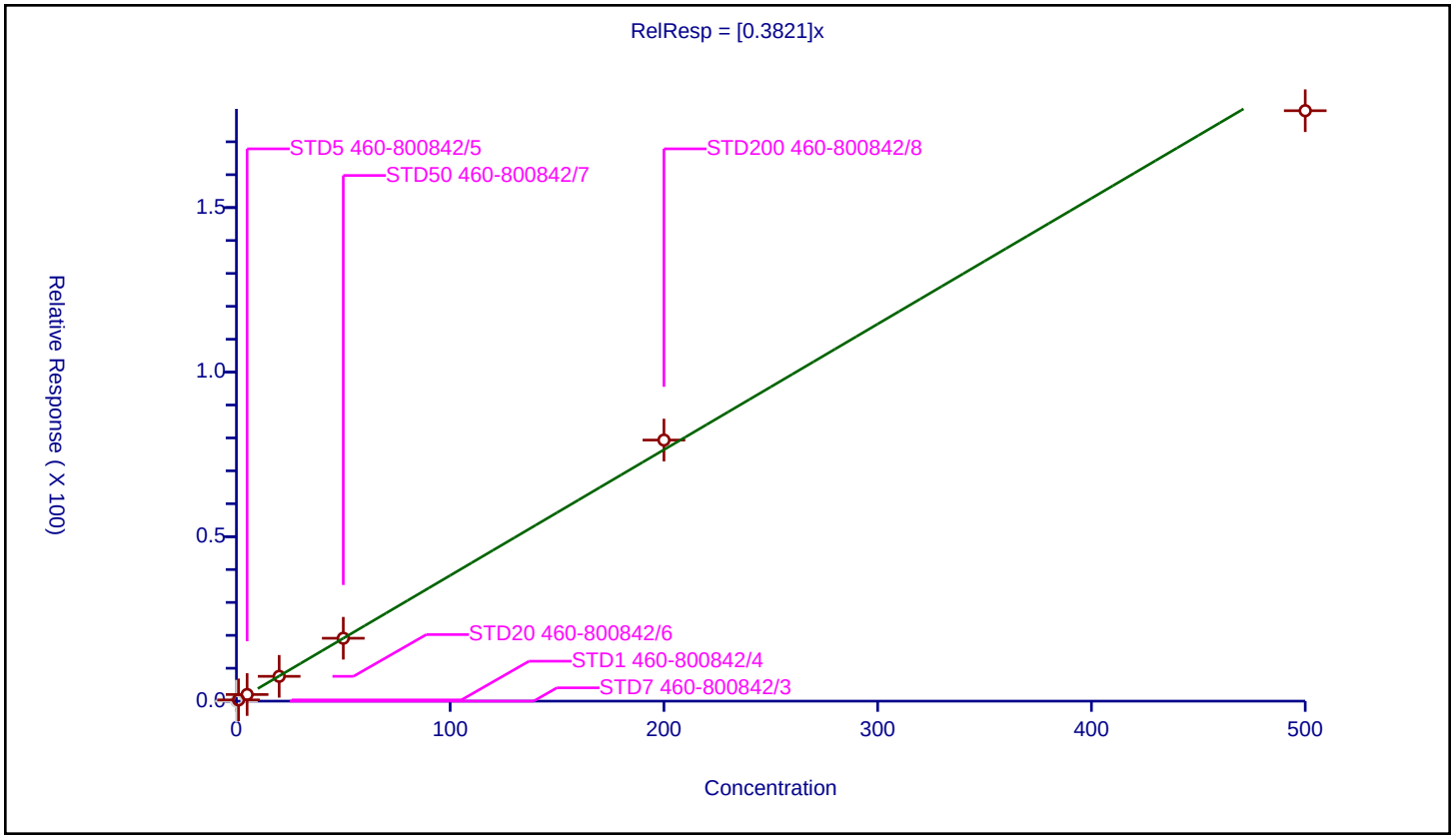
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3821 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 960000 |
| **Relative Standard Error:** | 4.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.374476 | 50.0 | 555310.0 | 0.374476 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.0149 | 50.0 | 536106.0 | 0.40298 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 7.53721 | 50.0 | 543530.0 | 0.376861 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 19.117359 | 50.0 | 535325.0 | 0.382347 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 79.348896 | 50.0 | 531405.0 | 0.396744 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 179.452416 | 50.0 | 546327.0 | 0.358905 | Y |



## Calibration / Methylcyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

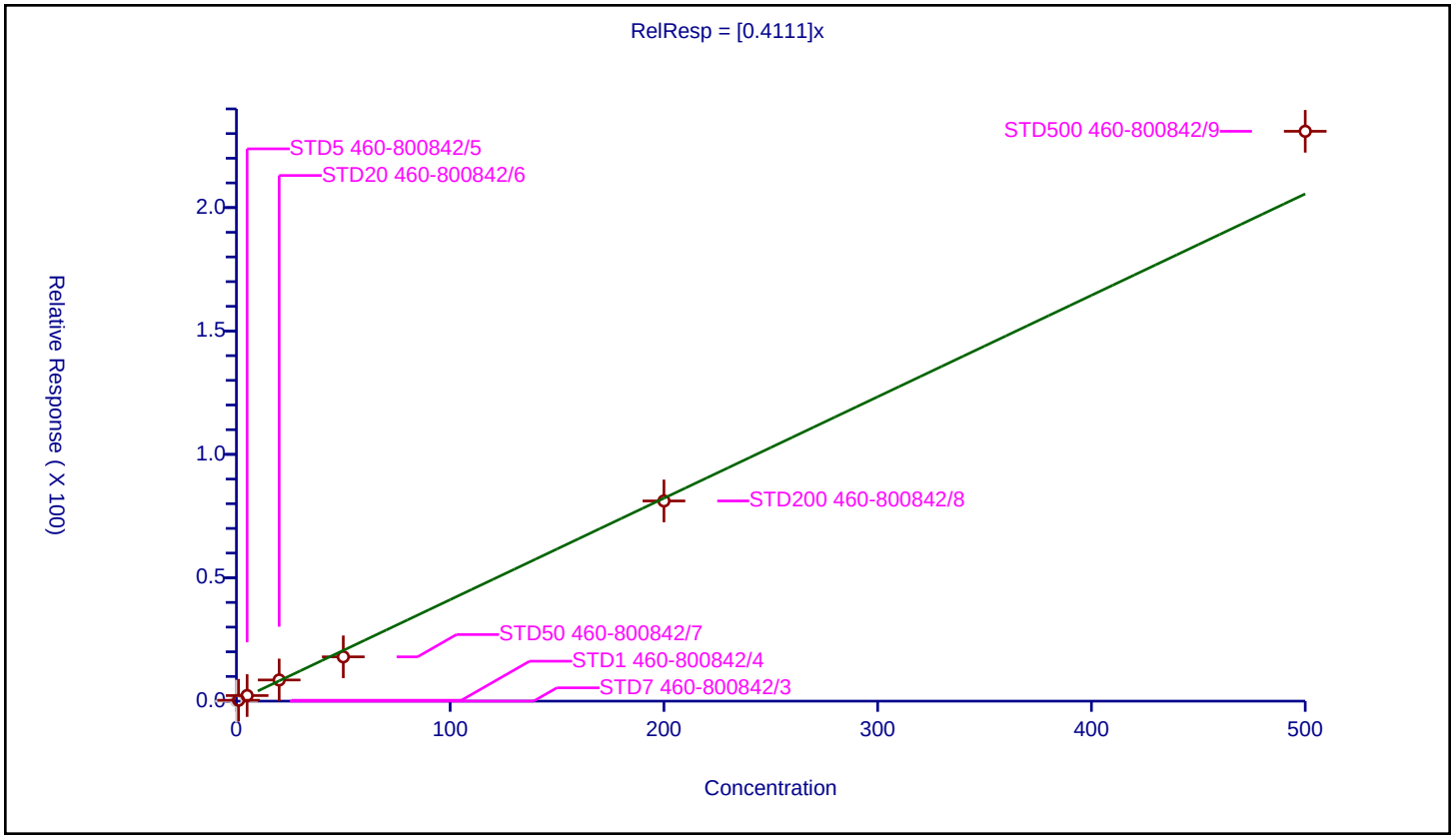
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4111 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1200000 |
| **Relative Standard Error:** | 10.9 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.358989 | 50.0 | 555310.0 | 0.358989 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.263638 | 50.0 | 536106.0 | 0.452728 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 8.571008 | 50.0 | 543530.0 | 0.42855 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 17.950311 | 50.0 | 535325.0 | 0.359006 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 81.121273 | 50.0 | 531405.0 | 0.405606 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 230.92333 | 50.0 | 546327.0 | 0.461847 | Y |



## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

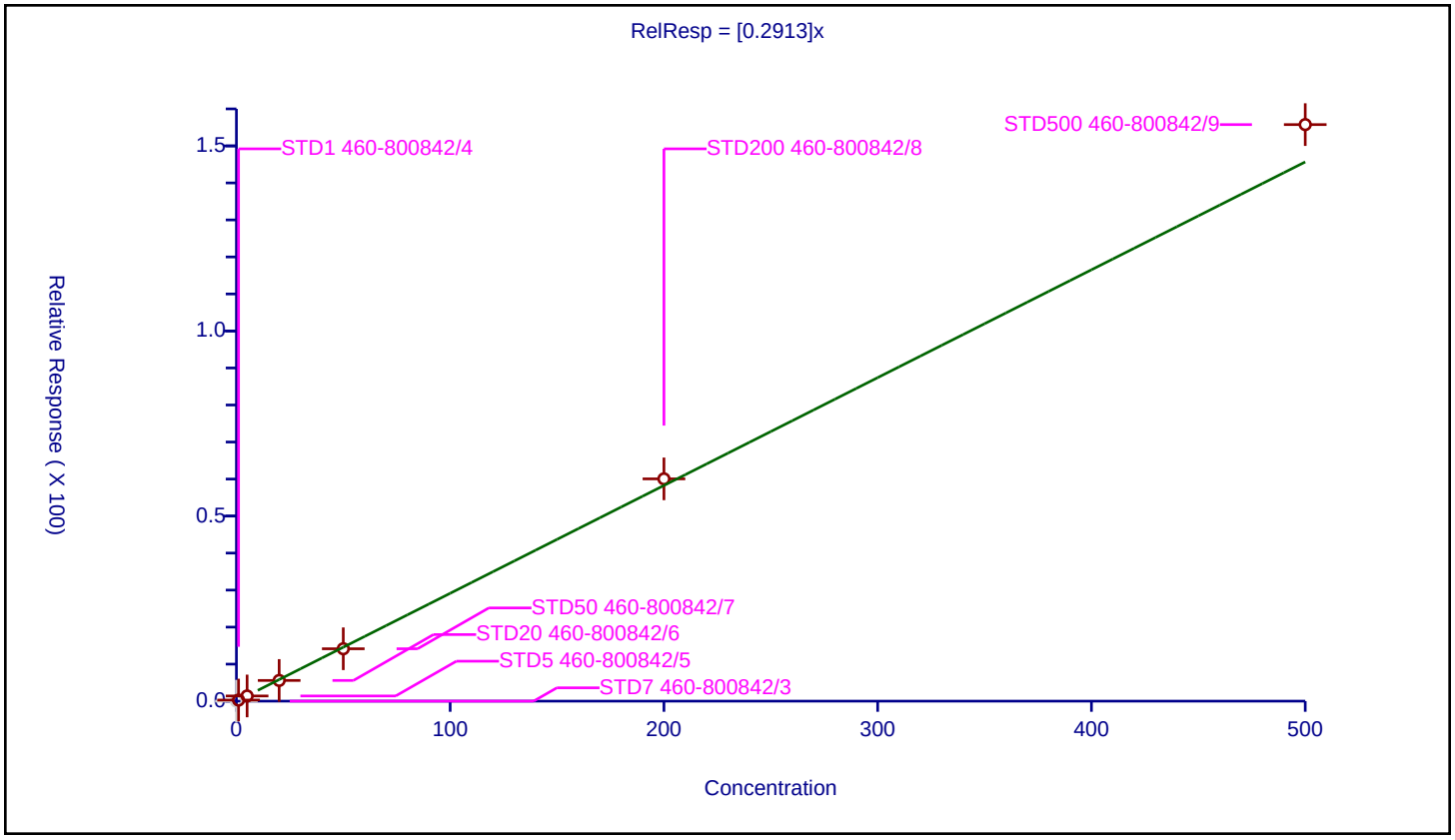
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2913 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 816000 |
| **Relative Standard Error:** | 4.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.29434 | 50.0 | 555310.0 | 0.29434 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.396739 | 50.0 | 536106.0 | 0.279348 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 5.589848 | 50.0 | 543530.0 | 0.279492 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 14.151123 | 50.0 | 535325.0 | 0.283022 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 60.049021 | 50.0 | 531405.0 | 0.300245 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 155.755253 | 50.0 | 546327.0 | 0.311511 | Y |



## Calibration / Dibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

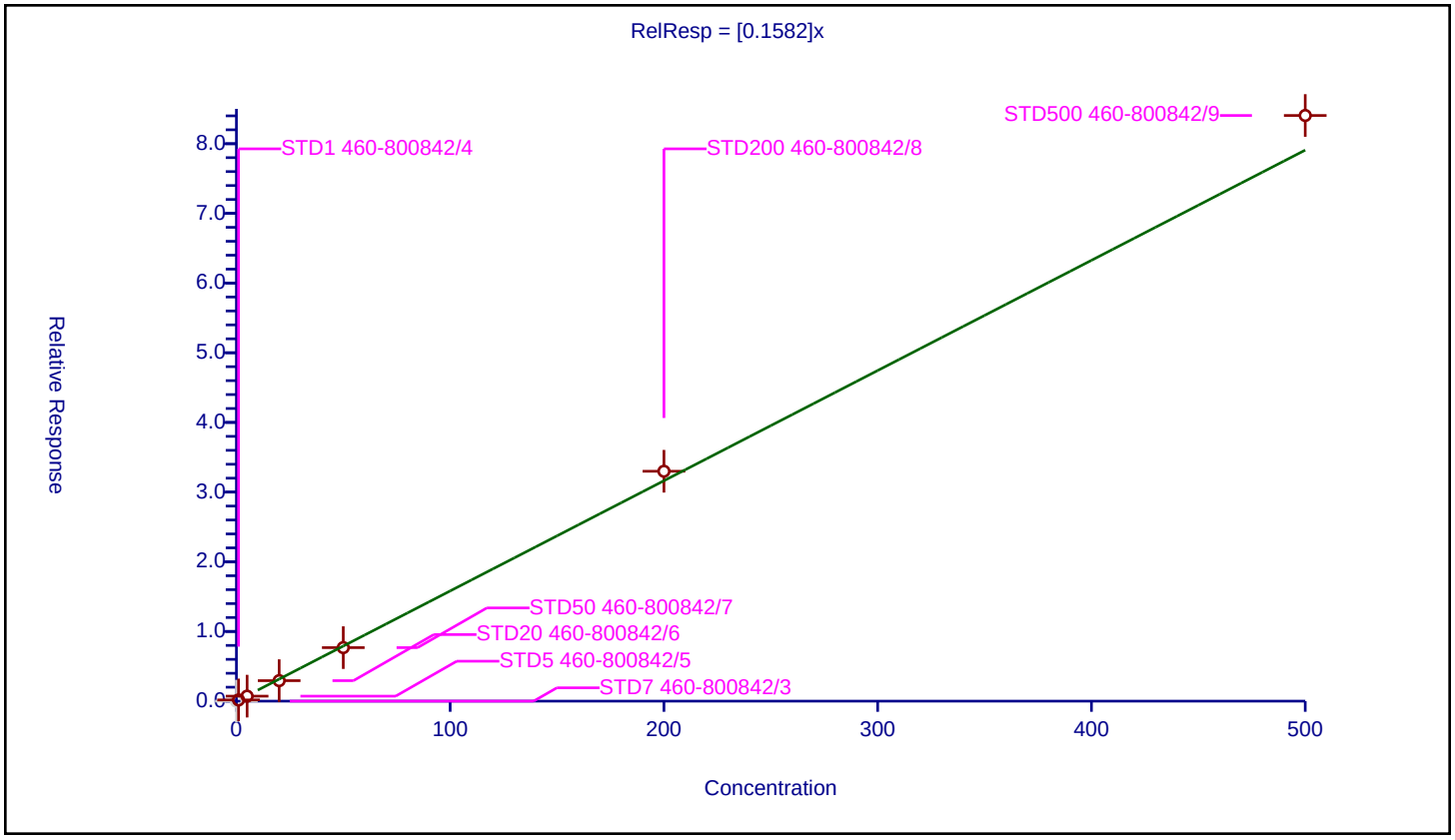
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1582 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 441000 |
| **Relative Standard Error:** | 7.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.172246 | 50.0 | 555310.0 | 0.172246 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.715064 | 50.0 | 536106.0 | 0.143013 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 2.940592 | 50.0 | 543530.0 | 0.14703 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 7.681128 | 50.0 | 535325.0 | 0.153623 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 32.994797 | 50.0 | 531405.0 | 0.164974 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 84.050852 | 50.0 | 546327.0 | 0.168102 | Y |



| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

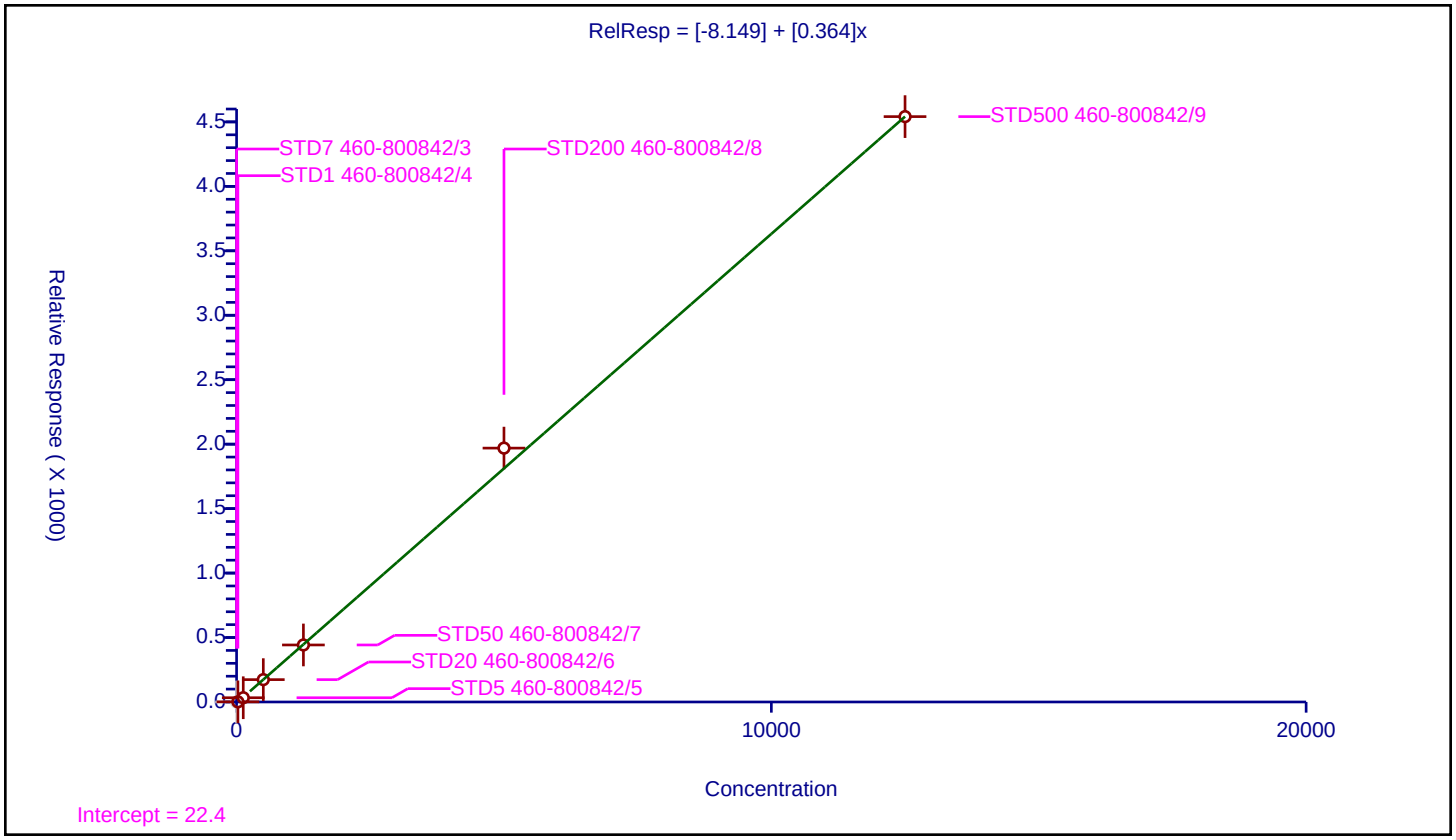
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -8.149 |
| **Slope:** | 0.364 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 373000 |
| **Relative Standard Error:** | 6.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 172697.0 | NaN | N |
| 2 | STD1 460-800842/4 | 25.0 | 1.119897 | 1000.0 | 160729.0 | 0.044796 | Y |
| 3 | STD5 460-800842/5 | 125.0 | 33.066464 | 1000.0 | 144890.0 | 0.264532 | Y |
| 4 | STD20 460-800842/6 | 500.0 | 173.506169 | 1000.0 | 129834.0 | 0.347012 | Y |
| 5 | STD50 460-800842/7 | 1250.0 | 442.440826 | 1000.0 | 139969.0 | 0.353953 | Y |
| 6 | STD200 460-800842/8 | 5000.0 | 1969.480542 | 1000.0 | 141975.0 | 0.393896 | Y |
| 7 | STD500 460-800842/9 | 12500.0 | 4541.099751 | 1000.0 | 152580.0 | 0.363288 | Y |



## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

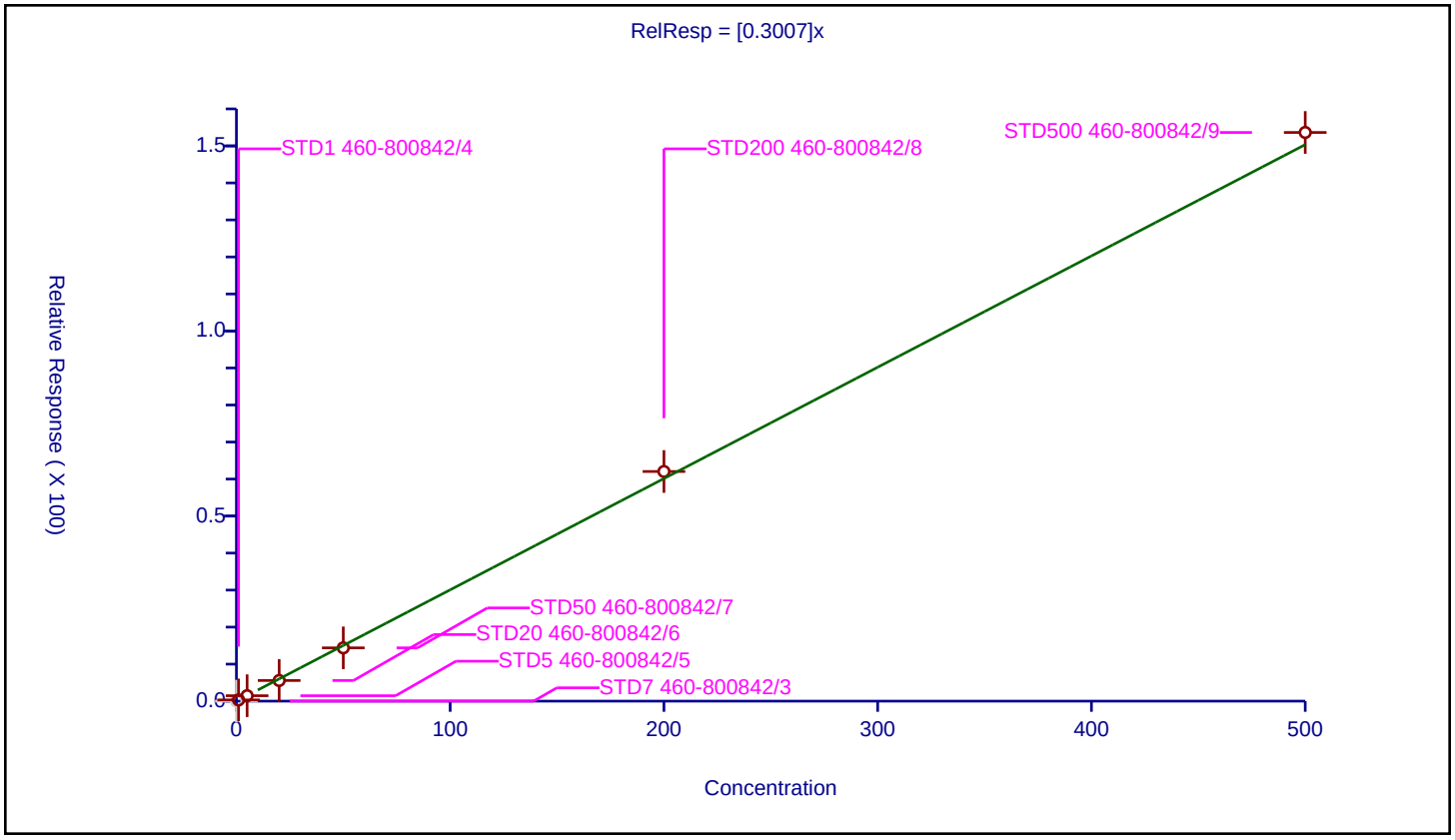
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3007 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 810000 |
| **Relative Standard Error:** | 5.9 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.327655 | 50.0 | 555310.0 | 0.327655 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.462024 | 50.0 | 536106.0 | 0.292405 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 5.574761 | 50.0 | 543530.0 | 0.278738 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 14.392192 | 50.0 | 535325.0 | 0.287844 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 62.04505 | 50.0 | 531405.0 | 0.310225 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 153.634636 | 50.0 | 546327.0 | 0.307269 | Y |



## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

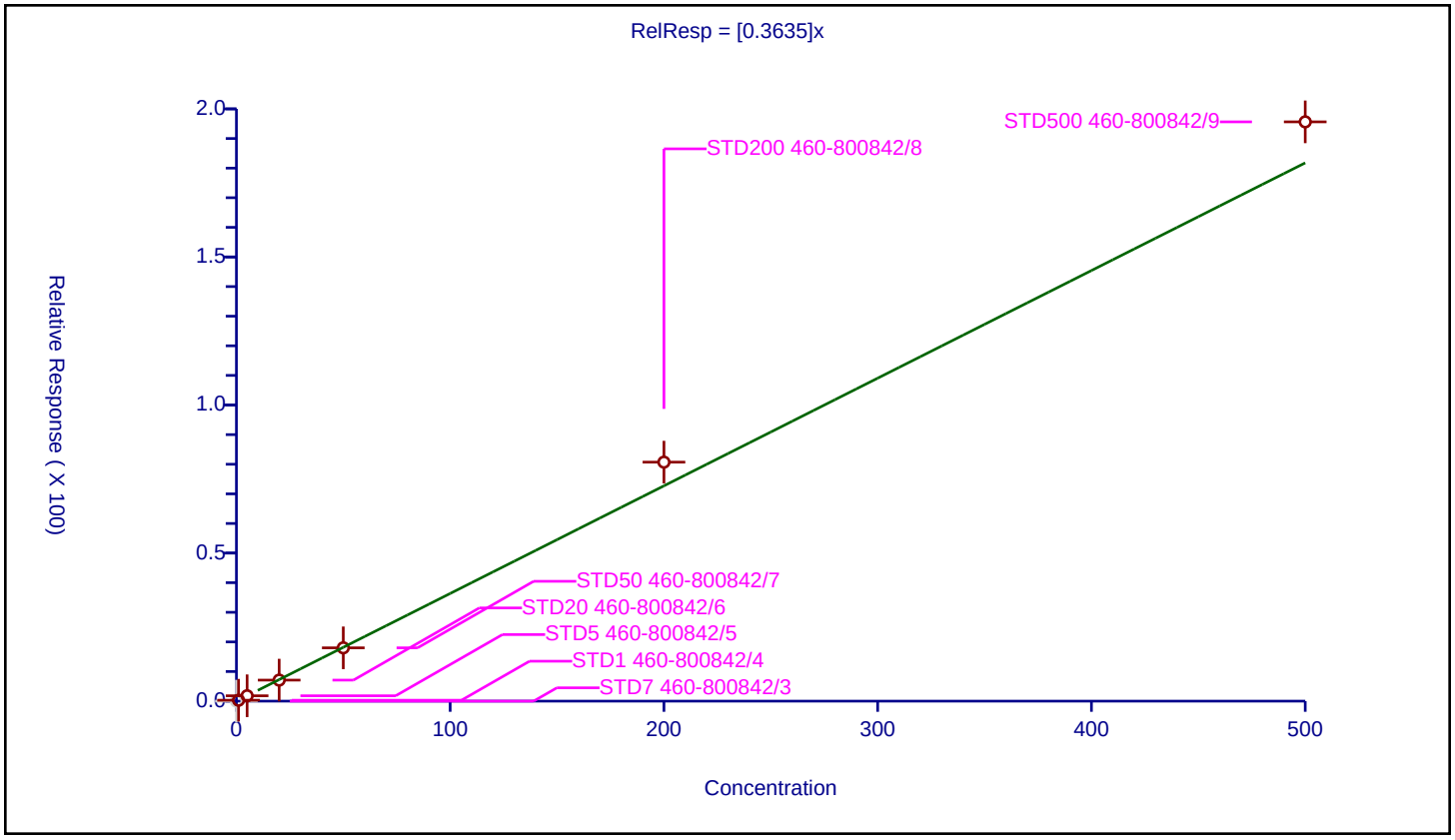
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3635 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1030000 |
| **Relative Standard Error:** | 9.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.309107 | 50.0 | 555310.0 | 0.309107 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.810463 | 50.0 | 536106.0 | 0.362093 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 7.104116 | 50.0 | 543530.0 | 0.355206 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 18.00439 | 50.0 | 535325.0 | 0.360088 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 80.707088 | 50.0 | 531405.0 | 0.403535 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 195.617094 | 50.0 | 546327.0 | 0.391234 | Y |



## Calibration / Ethyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

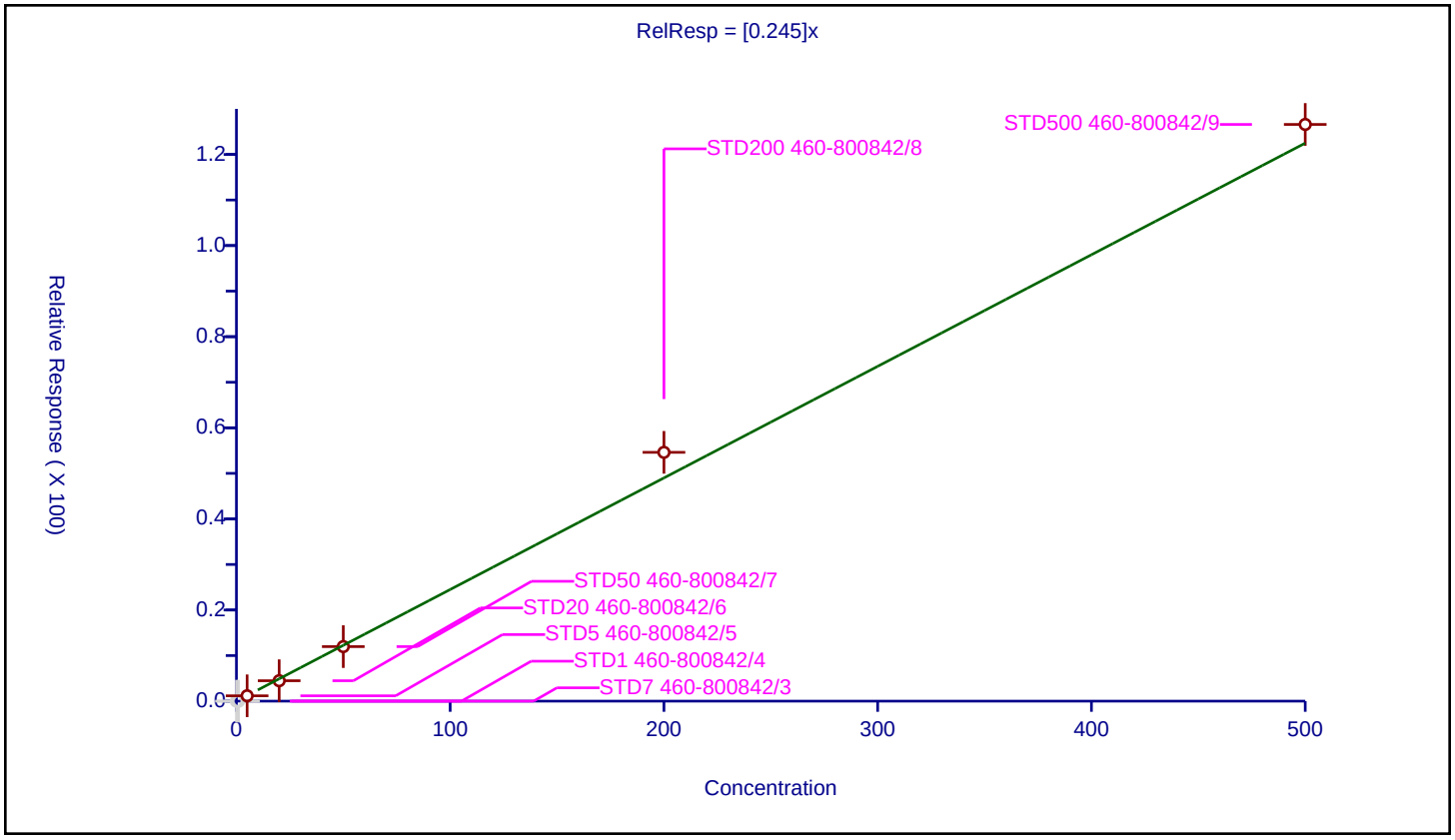
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.245 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 753000 |
| **Relative Standard Error:** | 7.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.0 | 50.0 | 555310.0 | 0.0 | N |
| 3 | STD5 460-800842/5 | 5.0 | 1.174861 | 50.0 | 536106.0 | 0.234972 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 4.483653 | 50.0 | 543530.0 | 0.224183 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 11.971232 | 50.0 | 535325.0 | 0.239425 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 54.610984 | 50.0 | 531405.0 | 0.273055 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 126.58536 | 50.0 | 546327.0 | 0.253171 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

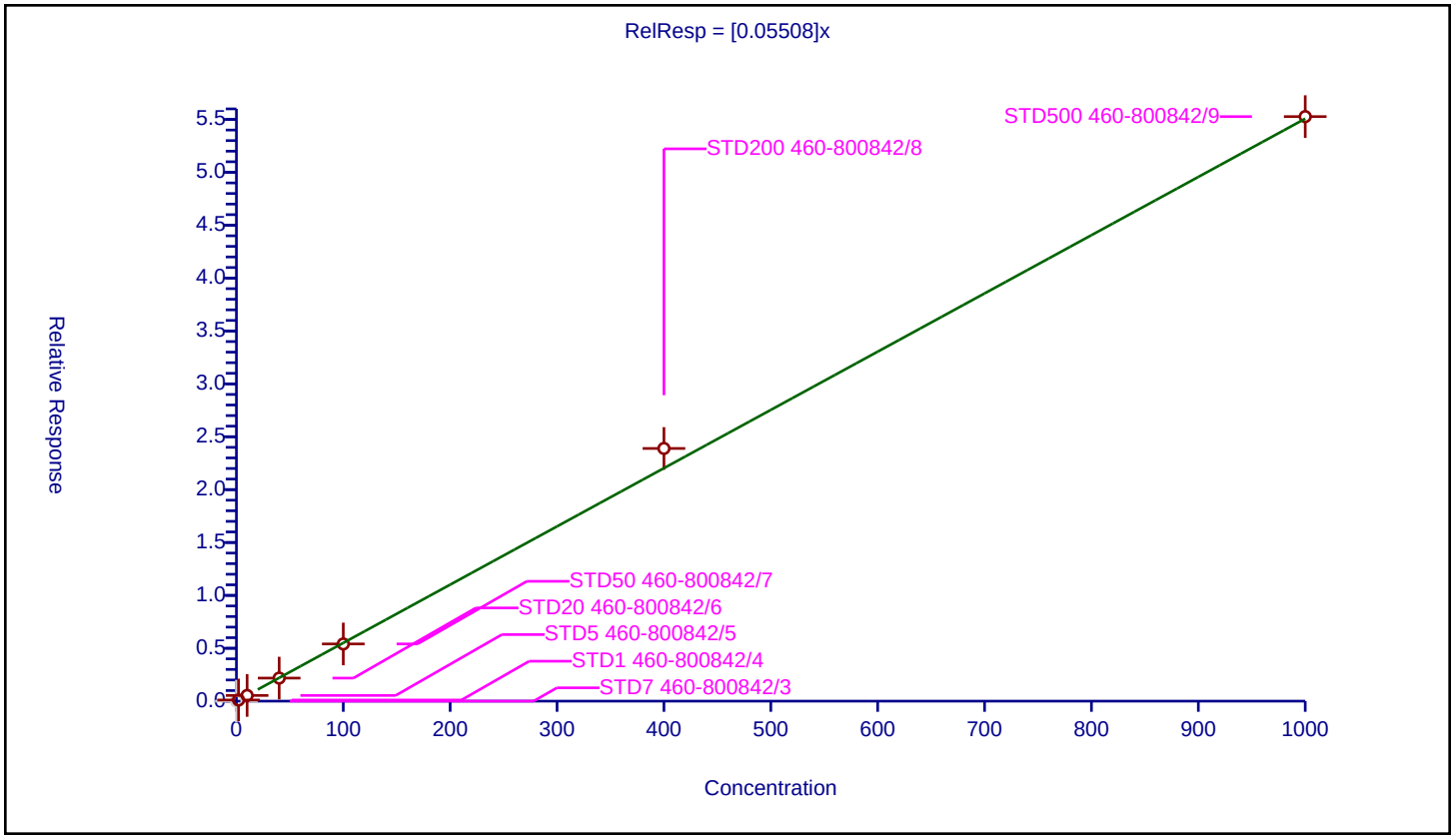
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05508 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 294000 |
| **Relative Standard Error:** | 4.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 2.0 | 0.105977 | 50.0 | 555310.0 | 0.052988 | Y |
| 3 | STD5 460-800842/5 | 10.0 | 0.538699 | 50.0 | 536106.0 | 0.05387 | Y |
| 4 | STD20 460-800842/6 | 40.0 | 2.179824 | 50.0 | 543530.0 | 0.054496 | Y |
| 5 | STD50 460-800842/7 | 100.0 | 5.409424 | 50.0 | 535325.0 | 0.054094 | Y |
| 6 | STD200 460-800842/8 | 400.0 | 23.8927 | 50.0 | 531405.0 | 0.059732 | Y |
| 7 | STD500 460-800842/9 | 1000.0 | 55.270744 | 50.0 | 546327.0 | 0.055271 | Y |



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

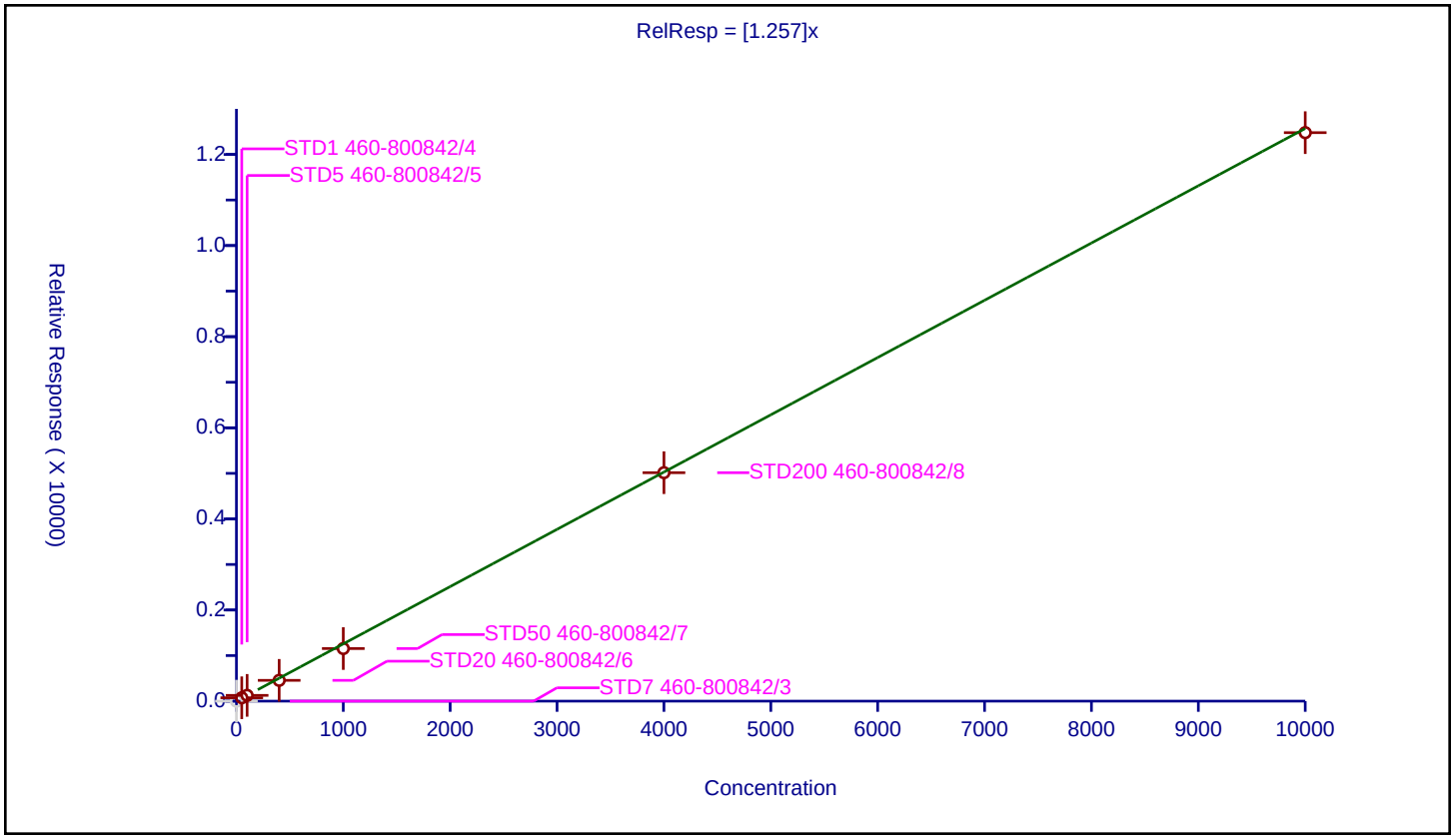
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.257 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 112000 |
| **Relative Standard Error:** | 9.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 1000.0 | 21006.0 | NaN | N |
| 2 | STD1 460-800842/4 | 50.000062 | 73.918704 | 1000.0 | 20739.0 | 1.478372 | Y |
| 3 | STD5 460-800842/5 | 100.0 | 126.65079 | 1000.0 | 18476.0 | 1.266508 | Y |
| 4 | STD20 460-800842/6 | 400.0 | 456.330538 | 1000.0 | 19556.0 | 1.140826 | Y |
| 5 | STD50 460-800842/7 | 1000.0 | 1154.550513 | 1000.0 | 19767.0 | 1.154551 | Y |
| 6 | STD200 460-800842/8 | 4000.0 | 5014.797469 | 1000.0 | 20071.0 | 1.253699 | Y |
| 7 | STD500 460-800842/9 | 10000.0 | 12478.345349 | 1000.0 | 19557.0 | 1.247835 | Y |



## Calibration / n-Propyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

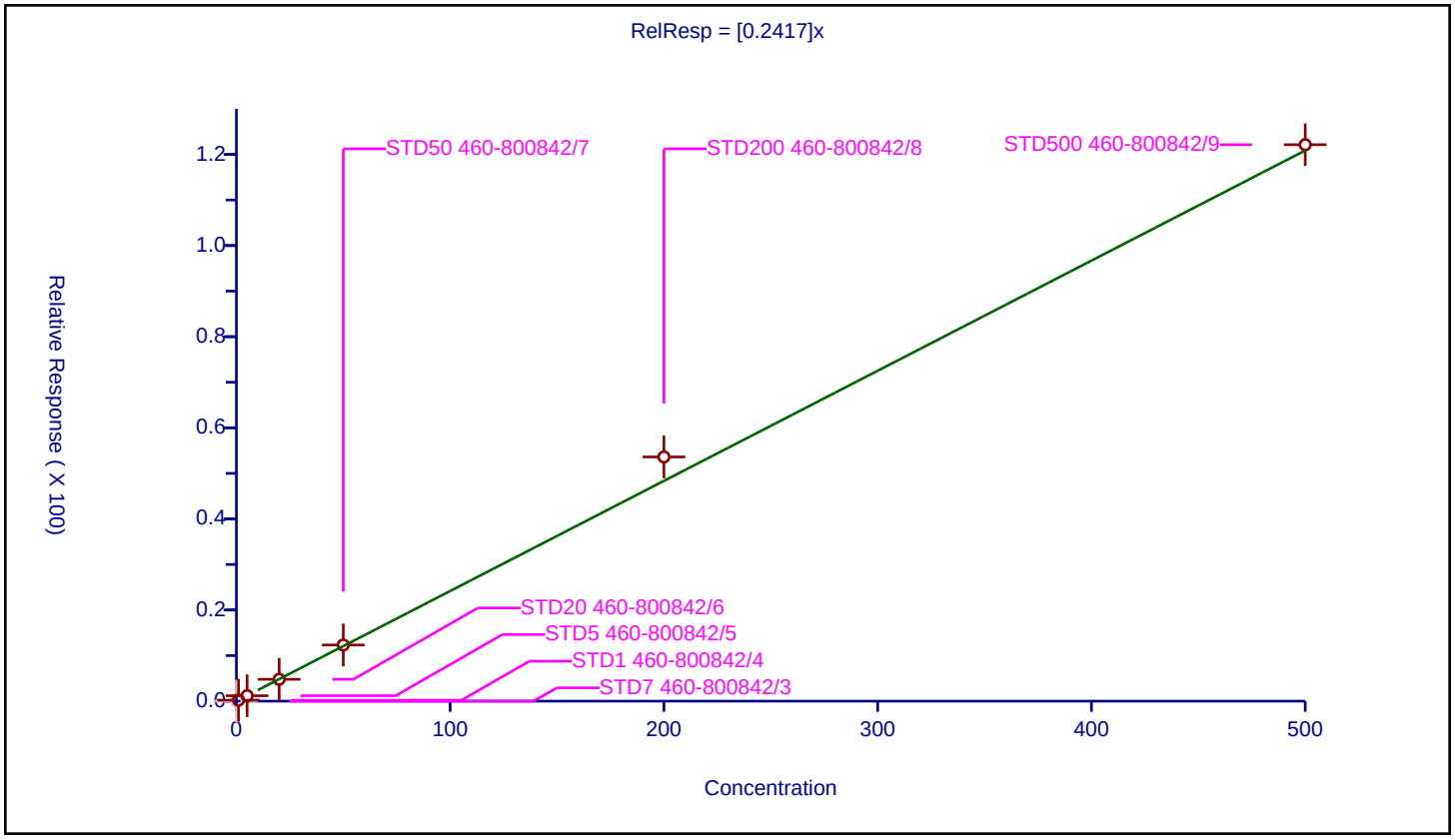
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2417 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 652000 |
| **Relative Standard Error:** | 7.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.214565 | 50.0 | 555310.0 | 0.214565 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.187079 | 50.0 | 536106.0 | 0.237416 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 4.792284 | 50.0 | 543530.0 | 0.239614 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 12.324569 | 50.0 | 535325.0 | 0.246491 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 53.602243 | 50.0 | 531405.0 | 0.268011 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 122.141044 | 50.0 | 546327.0 | 0.244282 | Y |



## Calibration / 2-Chloroethyl vinyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

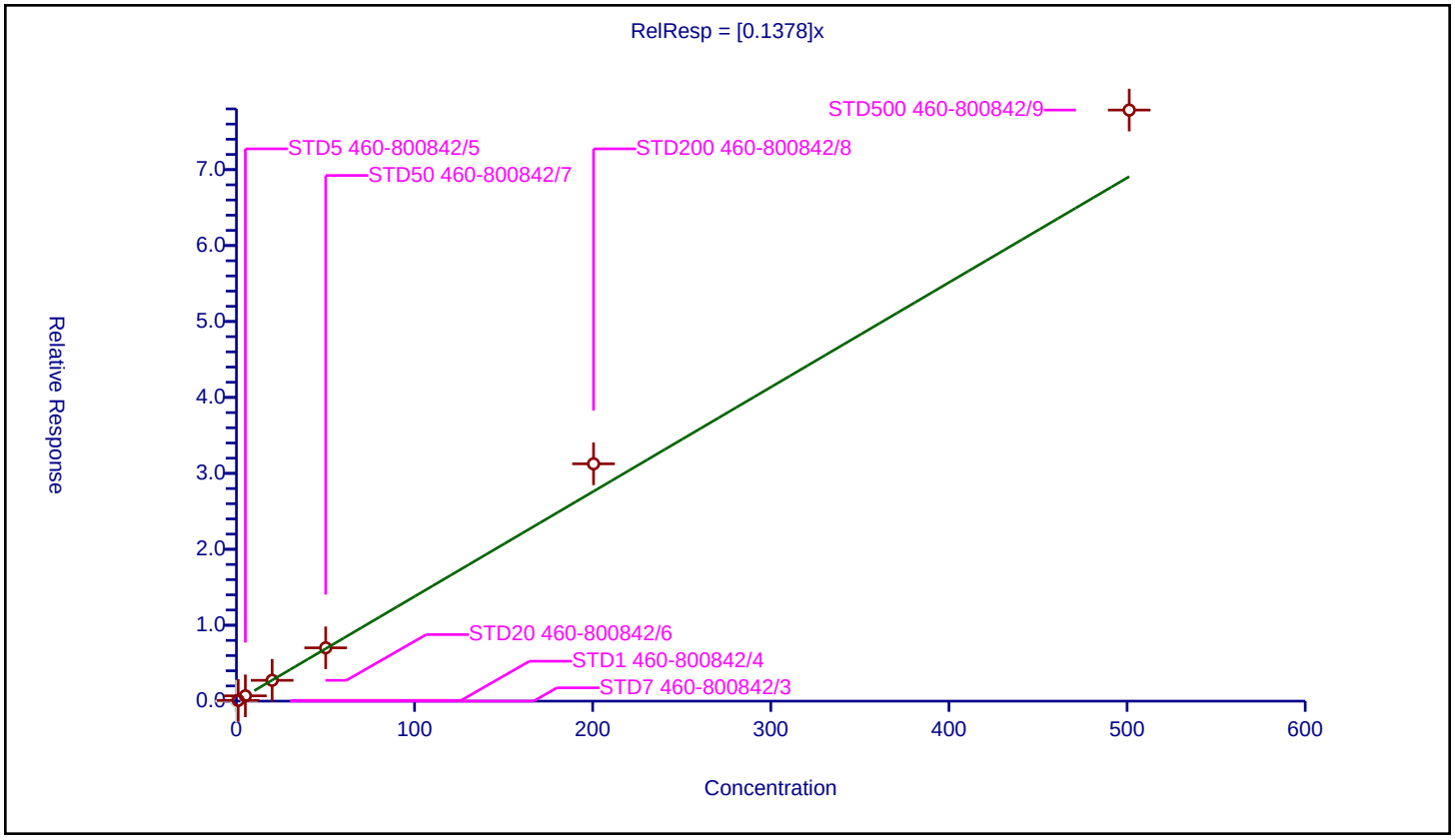
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1378 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 410000 |
| **Relative Standard Error:** | 15.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0024 | 0.099584 | 50.0 | 555310.0 | 0.099346 | Y |
| 3 | STD5 460-800842/5 | 5.012 | 0.699768 | 50.0 | 536106.0 | 0.139619 | Y |
| 4 | STD20 460-800842/6 | 20.048 | 2.741247 | 50.0 | 543530.0 | 0.136734 | Y |
| 5 | STD50 460-800842/7 | 50.12 | 7.019568 | 50.0 | 535325.0 | 0.140055 | Y |
| 6 | STD200 460-800842/8 | 200.48 | 31.257327 | 50.0 | 531405.0 | 0.155912 | Y |
| 7 | STD500 460-800842/9 | 501.2 | 77.850811 | 50.0 | 546327.0 | 0.155329 | Y |



## Calibration / cis-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

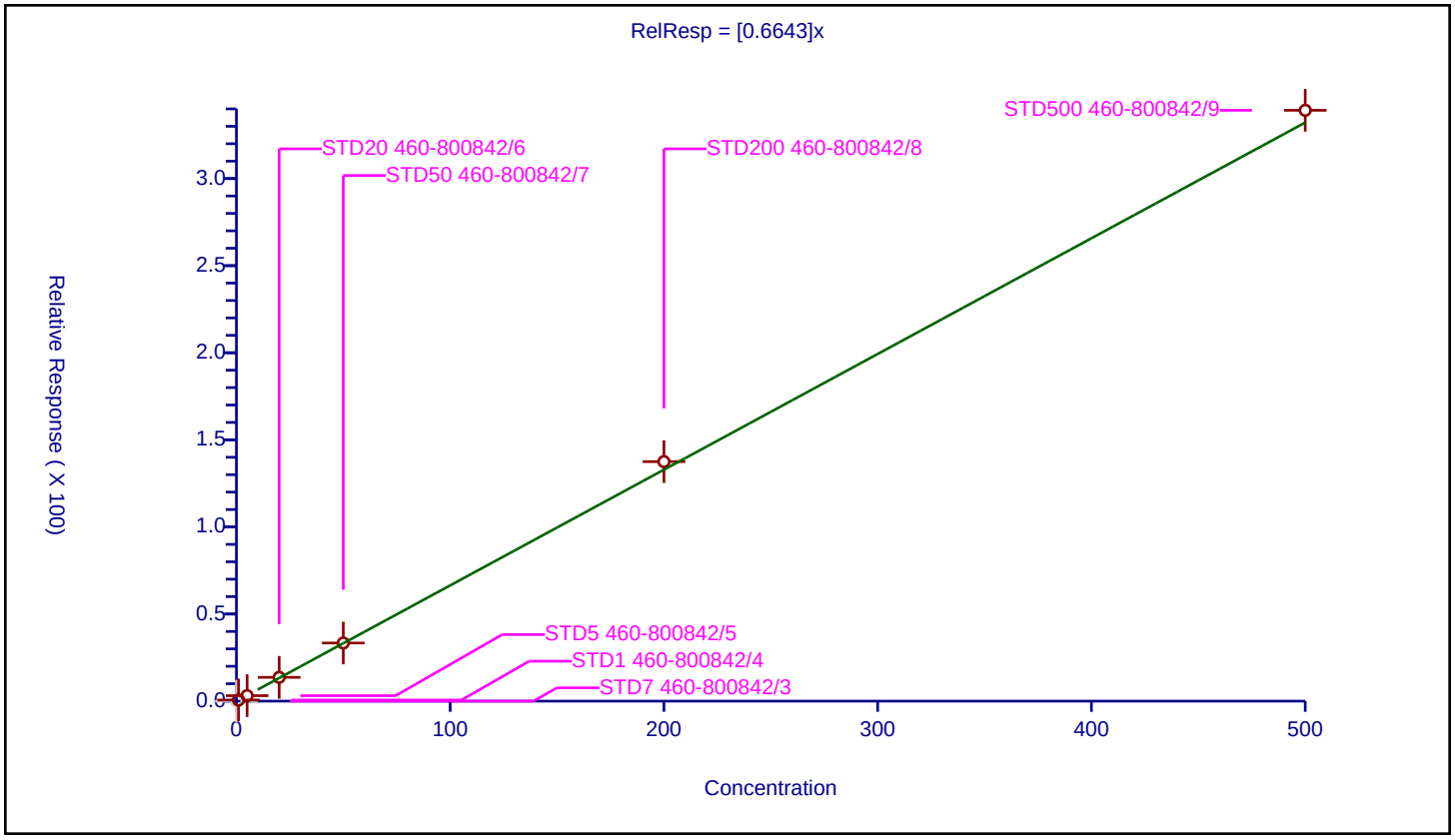
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6643 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1320000 |
| **Relative Standard Error:** | 3.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.640403 | 50.0 | 378980.0 | 0.640403 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 3.144502 | 50.0 | 375115.0 | 0.6289 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 13.667085 | 50.0 | 357461.0 | 0.683354 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 33.368921 | 50.0 | 357334.0 | 0.667378 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 137.505784 | 50.0 | 380364.0 | 0.687529 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 339.182308 | 50.0 | 404957.0 | 0.678365 | Y |



## Calibration / Toluene-d8 (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

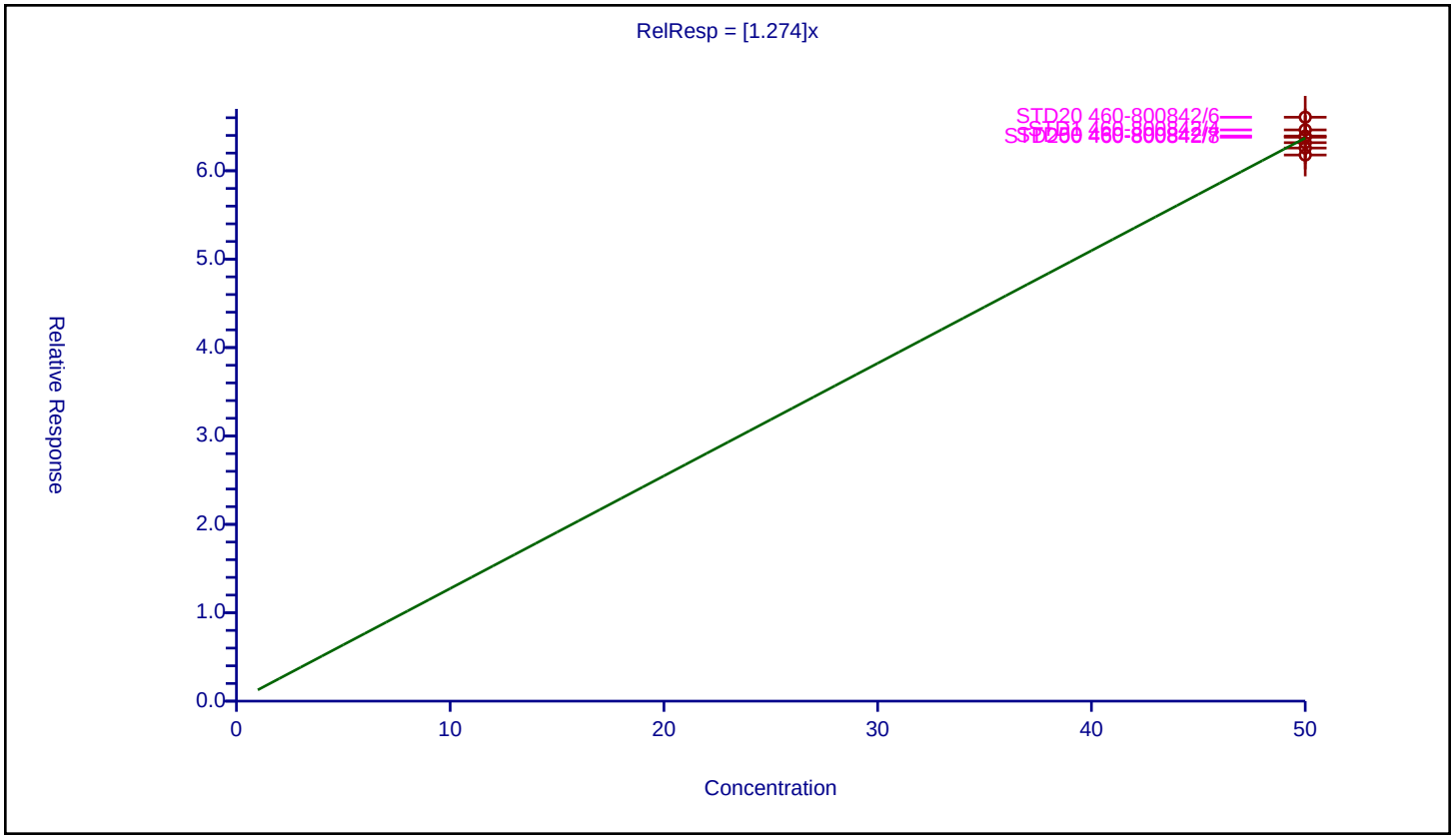
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.274 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 518000 |
| **Relative Standard Error:** | 2.2 |
| **Correlation Coefficient:** | 0.00000000000000000000 |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 50.0 | 61.783576 | 50.0 | 378285.0 | 1.235672 | Y |
| 2 | STD1 460-800842/4 | 50.0 | 64.623463 | 50.0 | 378980.0 | 1.292469 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 62.574411 | 50.0 | 375115.0 | 1.251488 | Y |
| 4 | STD20 460-800842/6 | 50.0 | 66.057556 | 50.0 | 357461.0 | 1.321151 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 63.929265 | 50.0 | 357334.0 | 1.278585 | Y |
| 6 | STD200 460-800842/8 | 50.0 | 63.795733 | 50.0 | 380364.0 | 1.275915 | Y |
| 7 | STD500 460-800842/9 | 50.0 | 63.179054 | 50.0 | 404957.0 | 1.263581 | Y |



## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

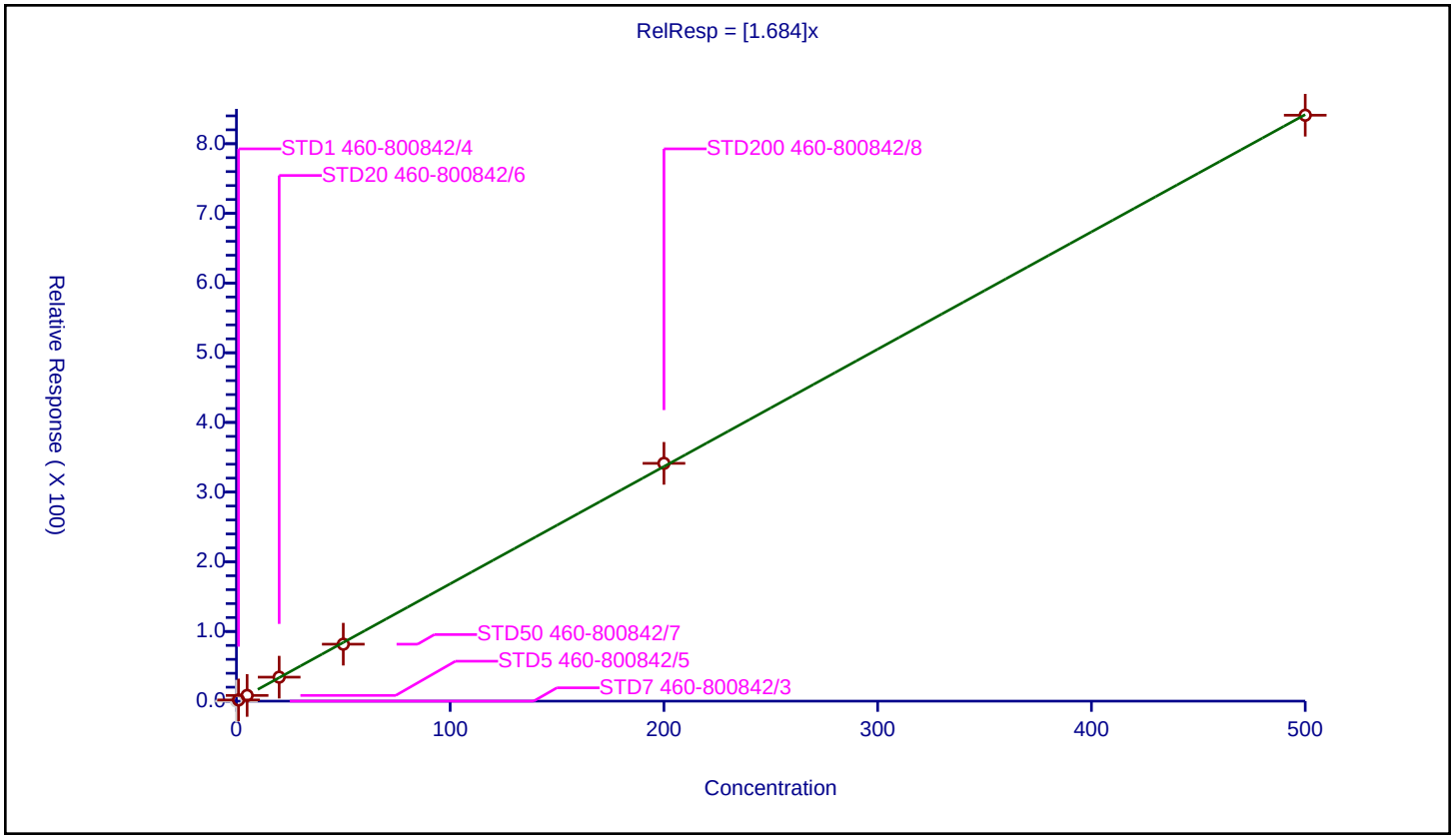
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.684 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3270000 |
| **Relative Standard Error:** | 2.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.717505 | 50.0 | 378980.0 | 1.717505 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 8.201885 | 50.0 | 375115.0 | 1.640377 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 34.4183 | 50.0 | 357461.0 | 1.720915 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 81.738653 | 50.0 | 357334.0 | 1.634773 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 341.311481 | 50.0 | 380364.0 | 1.706557 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 840.932 | 50.0 | 404957.0 | 1.681864 | Y |



| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

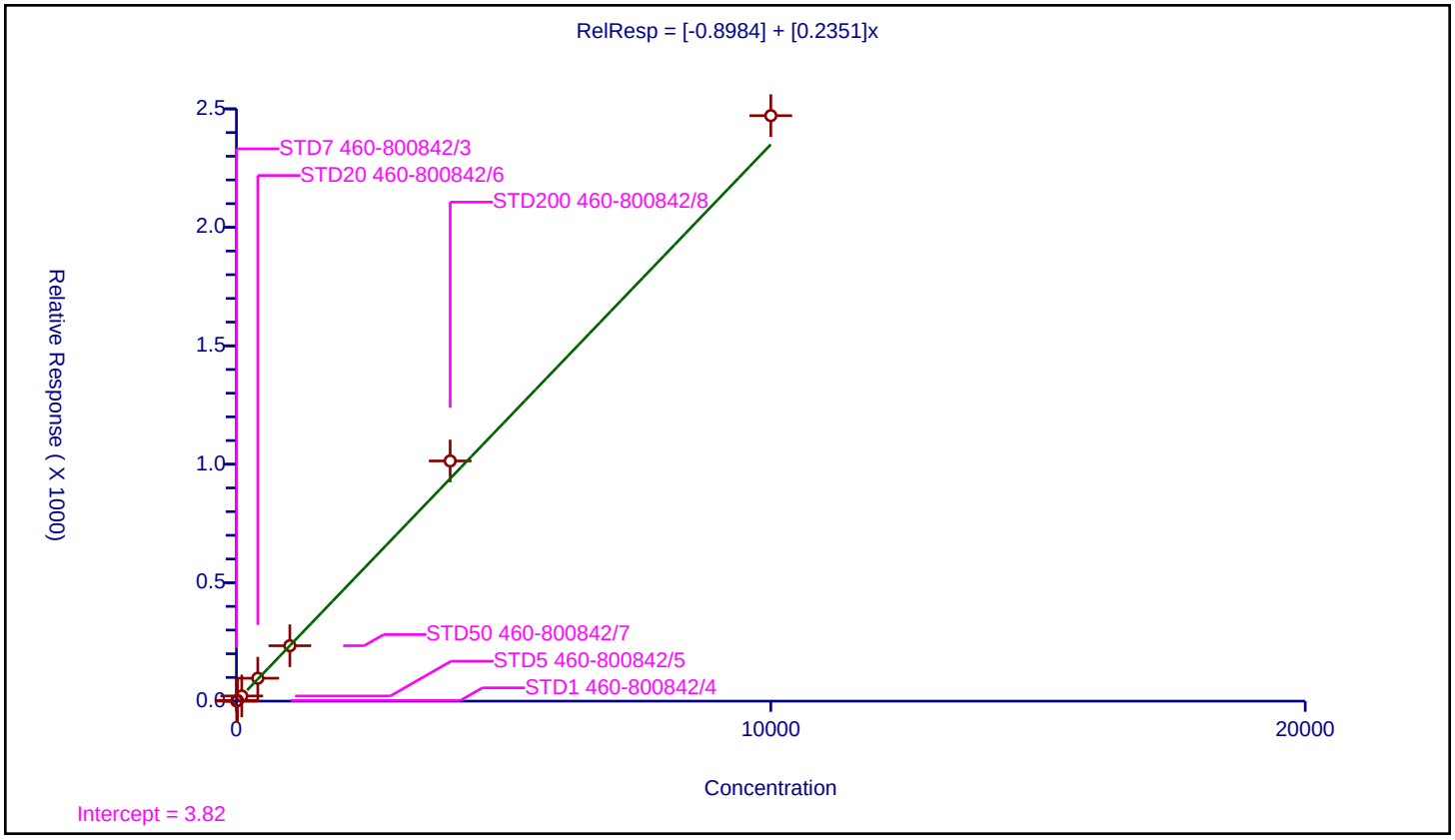
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.8984 |
| **Slope:** | 0.2351 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 876000 |
| **Relative Standard Error:** | 9.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 5.000009 | 0.331866 | 250.0 | 198122.0 | 0.066373 | Y |
| 2 | STD1 460-800842/4 | 20.000035 | 2.943007 | 250.0 | 189602.0 | 0.14715 | Y |
| 3 | STD5 460-800842/5 | 100.000173 | 21.871077 | 250.0 | 176043.0 | 0.21871 | Y |
| 4 | STD20 460-800842/6 | 400.000692 | 96.721133 | 250.0 | 169769.0 | 0.241802 | Y |
| 5 | STD50 460-800842/7 | 1000.00173 | 233.856043 | 250.0 | 173997.0 | 0.233856 | Y |
| 6 | STD200 460-800842/8 | 4000.00692 | 1013.894015 | 250.0 | 181535.0 | 0.253473 | Y |
| 7 | STD500 460-800842/9 | 10000.0173 | 2471.414792 | 250.0 | 182988.0 | 0.247141 | Y |



## Calibration / 2-Nitropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

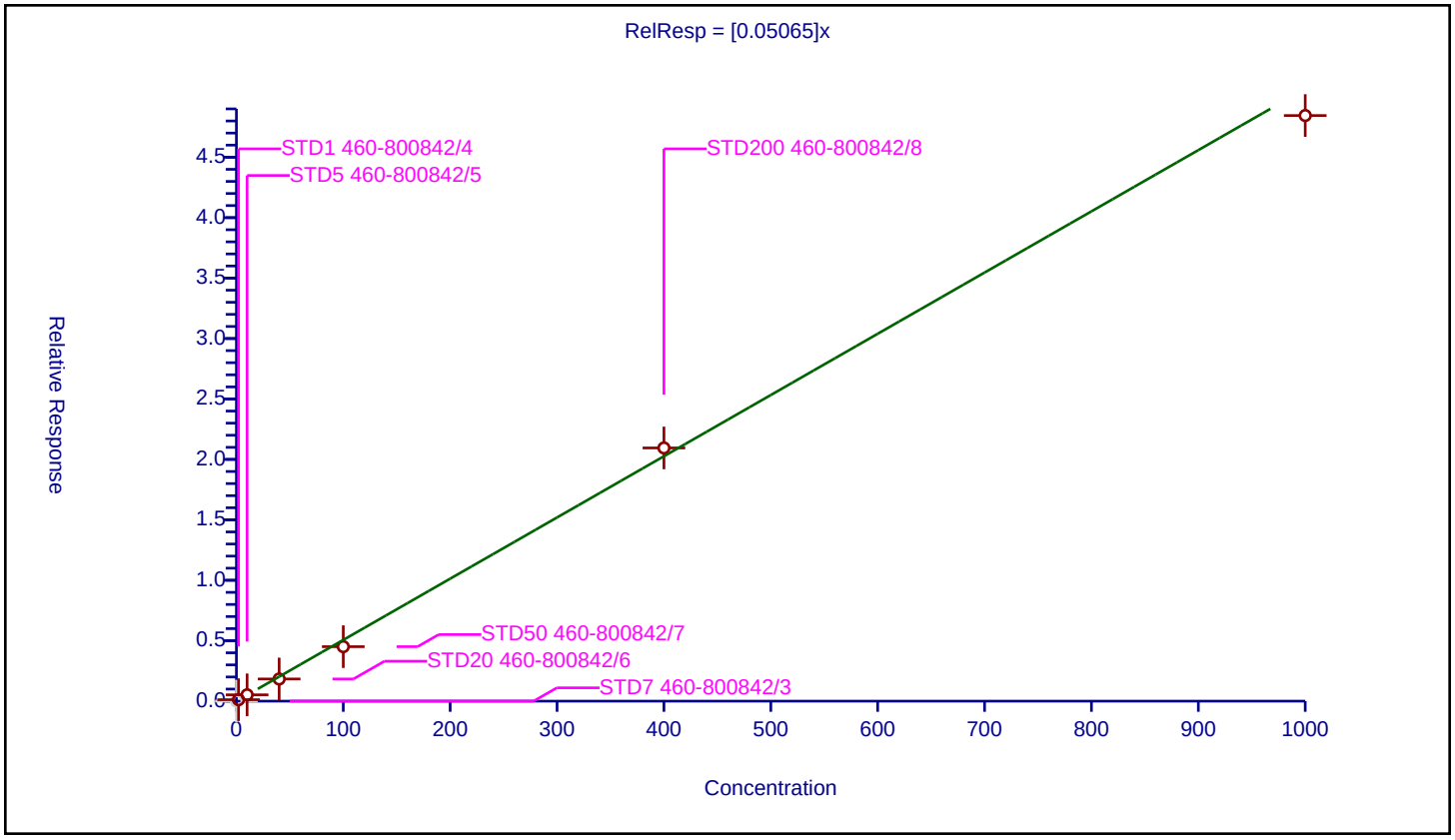
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05065 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 258000 |
| **Relative Standard Error:** | 10.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 2.0 | 0.119663 | 50.0 | 555310.0 | 0.059831 | Y |
| 3 | STD5 460-800842/5 | 10.0 | 0.52359 | 50.0 | 536106.0 | 0.052359 | Y |
| 4 | STD20 460-800842/6 | 40.0 | 1.833385 | 50.0 | 543530.0 | 0.045835 | Y |
| 5 | STD50 460-800842/7 | 100.0 | 4.508103 | 50.0 | 535325.0 | 0.045081 | Y |
| 6 | STD200 460-800842/8 | 400.0 | 20.948617 | 50.0 | 531405.0 | 0.052372 | Y |
| 7 | STD500 460-800842/9 | 1000.0 | 48.449097 | 50.0 | 546327.0 | 0.048449 | Y |



## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

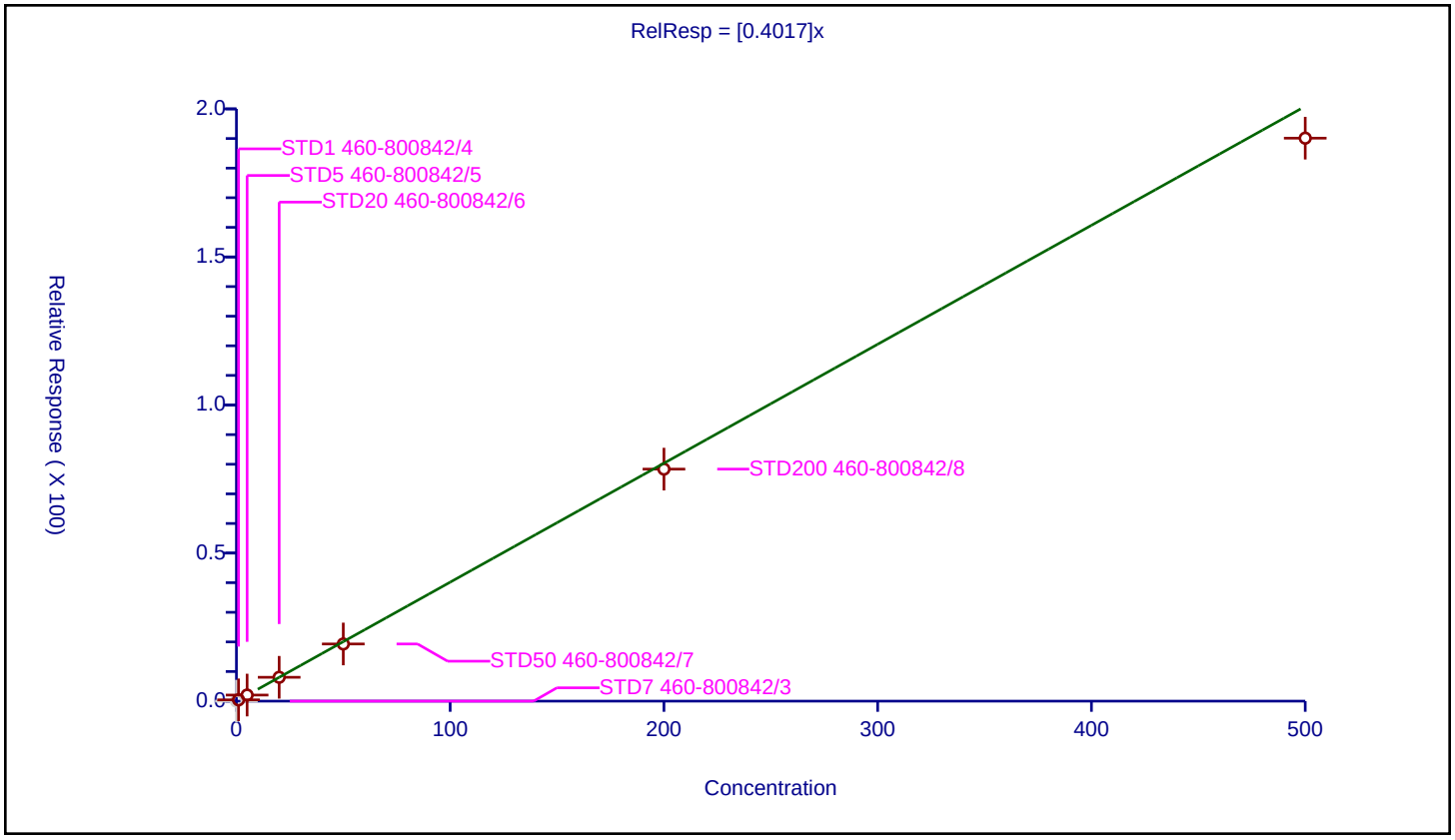
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4017 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 741000 |
| **Relative Standard Error:** | 5.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.439205 | 50.0 | 378980.0 | 0.439205 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.051637 | 50.0 | 375115.0 | 0.410327 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 8.055144 | 50.0 | 357461.0 | 0.402757 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 19.303229 | 50.0 | 357334.0 | 0.386065 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 78.353893 | 50.0 | 380364.0 | 0.391769 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 190.117222 | 50.0 | 404957.0 | 0.380234 | Y |



## Calibration / 4-Methyl-2-pentanone (MIBK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

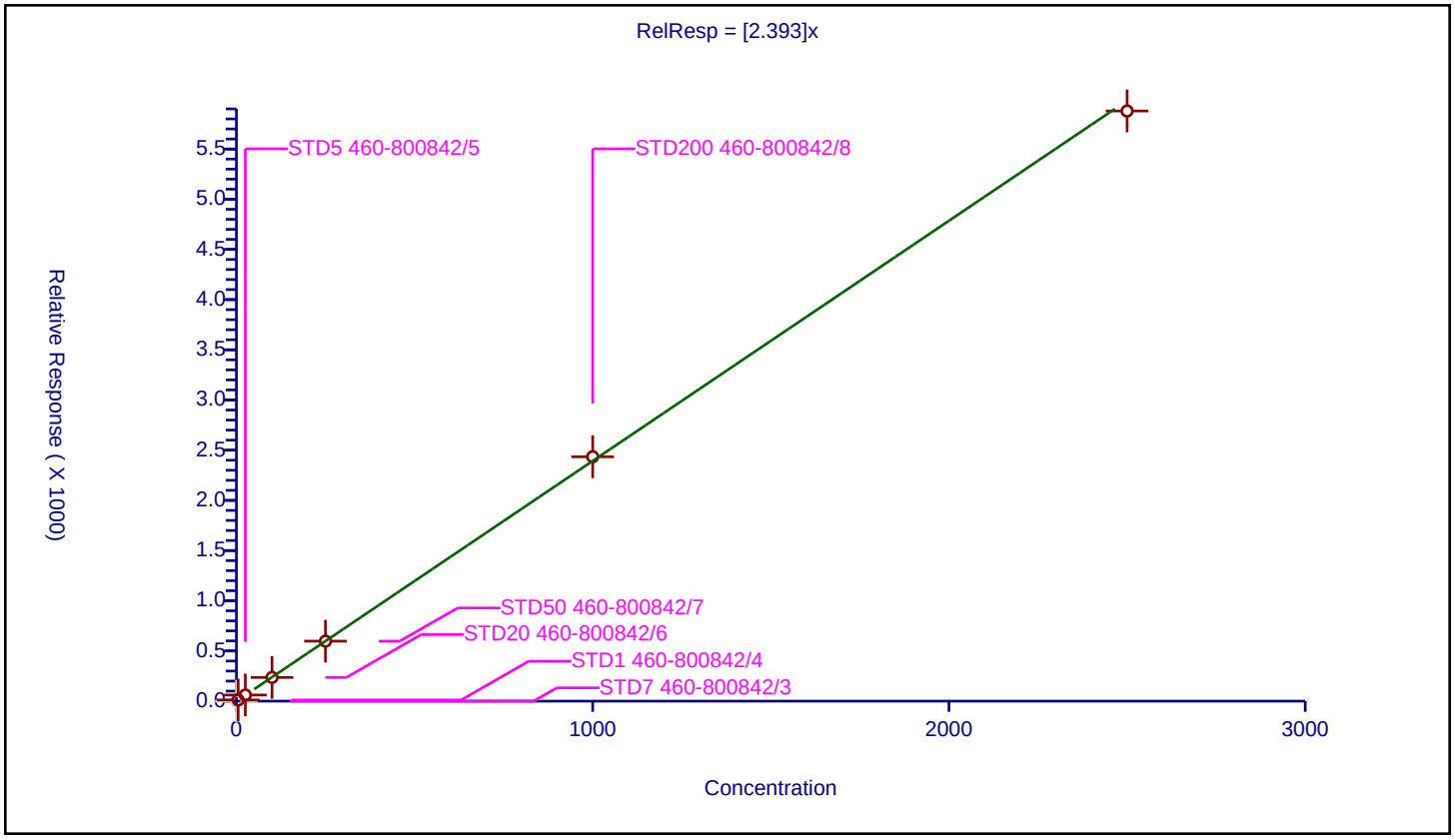
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.393 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2090000 |
| **Relative Standard Error:** | 1.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 250.0 | 198122.0 | NaN | N |
| 2 | STD1 460-800842/4 | 5.0 | 11.872238 | 250.0 | 189602.0 | 2.374448 | Y |
| 3 | STD5 460-800842/5 | 25.0 | 61.097289 | 250.0 | 176043.0 | 2.443892 | Y |
| 4 | STD20 460-800842/6 | 100.0 | 236.122319 | 250.0 | 169769.0 | 2.361223 | Y |
| 5 | STD50 460-800842/7 | 250.0 | 597.720076 | 250.0 | 173997.0 | 2.39088 | Y |
| 6 | STD200 460-800842/8 | 1000.0 | 2434.504366 | 250.0 | 181535.0 | 2.434504 | Y |
| 7 | STD500 460-800842/9 | 2500.0 | 5879.063108 | 250.0 | 182988.0 | 2.351625 | Y |



## Calibration / trans-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

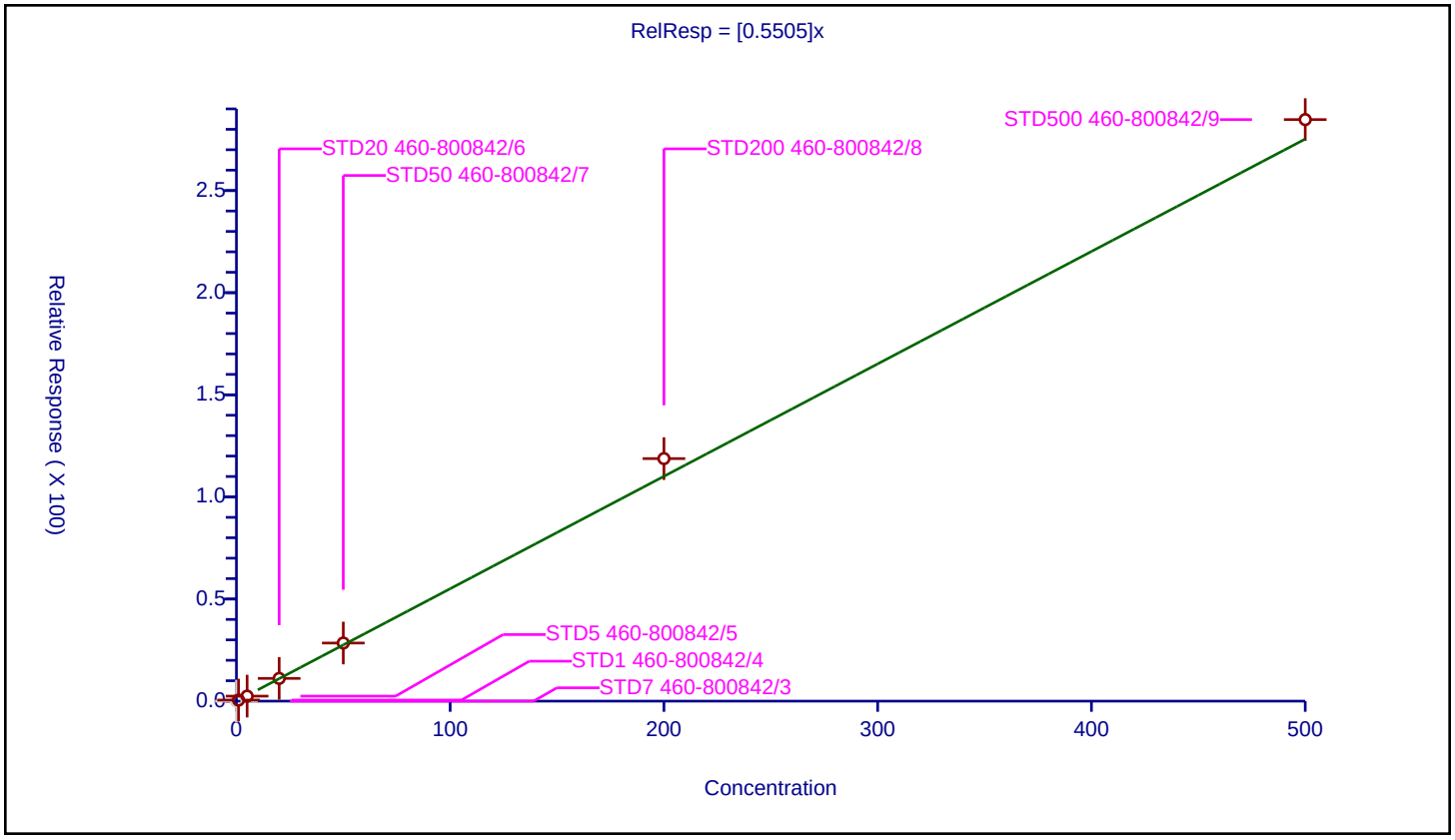
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5505 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1110000 |
| **Relative Standard Error:** | 6.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.52351 | 50.0 | 378980.0 | 0.52351 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.452448 | 50.0 | 375115.0 | 0.49049 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 11.126808 | 50.0 | 357461.0 | 0.55634 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 28.45587 | 50.0 | 357334.0 | 0.569117 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 118.76584 | 50.0 | 380364.0 | 0.593829 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 284.760234 | 50.0 | 404957.0 | 0.56952 | Y |



## Calibration / 1,1,2-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

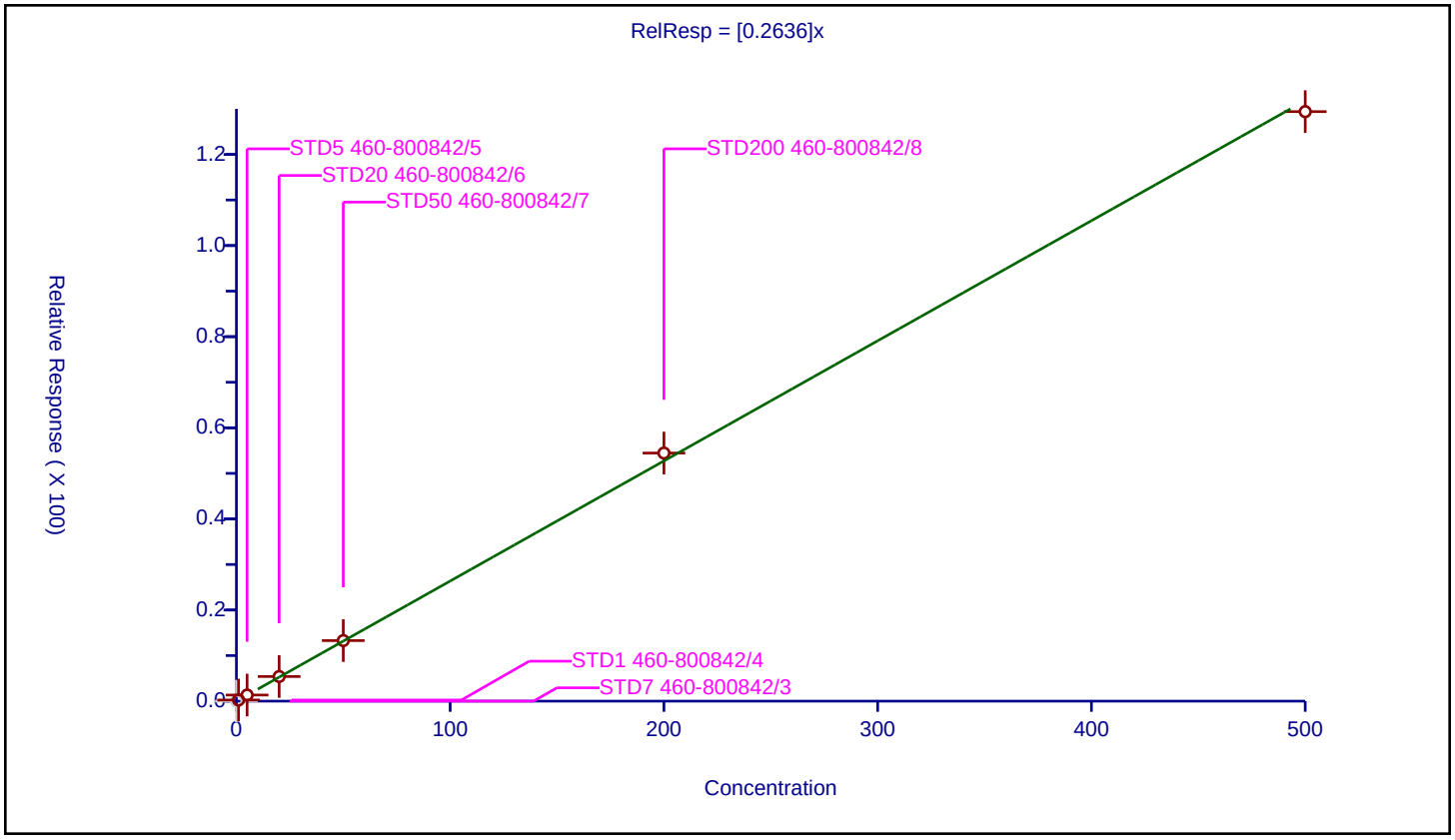
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2636 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 506000 |
| **Relative Standard Error:** | 3.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.246319 | 50.0 | 378980.0 | 0.246319 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.341589 | 50.0 | 375115.0 | 0.268318 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 5.407303 | 50.0 | 357461.0 | 0.270365 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 13.290787 | 50.0 | 357334.0 | 0.265816 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 54.454023 | 50.0 | 380364.0 | 0.27227 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 129.395837 | 50.0 | 404957.0 | 0.258792 | Y |



## Calibration / Ethyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

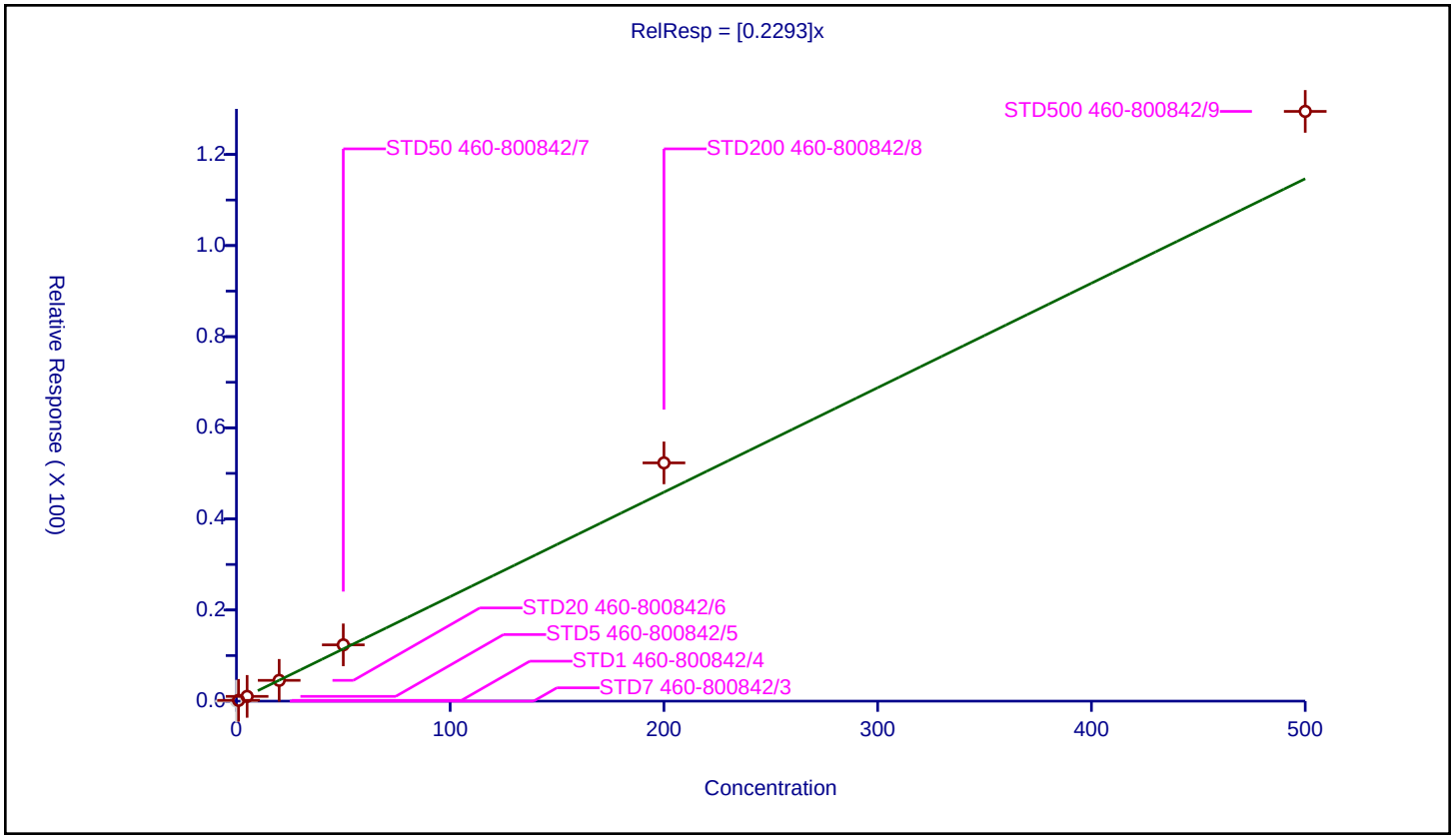
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2293 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 683000 |
| **Relative Standard Error:** | 15.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 537064.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.171256 | 50.0 | 555310.0 | 0.171256 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.046155 | 50.0 | 536106.0 | 0.209231 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 4.561294 | 50.0 | 543530.0 | 0.228065 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 12.353804 | 50.0 | 535325.0 | 0.247076 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 52.299376 | 50.0 | 531405.0 | 0.261497 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 129.451226 | 50.0 | 546327.0 | 0.258902 | Y |



## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

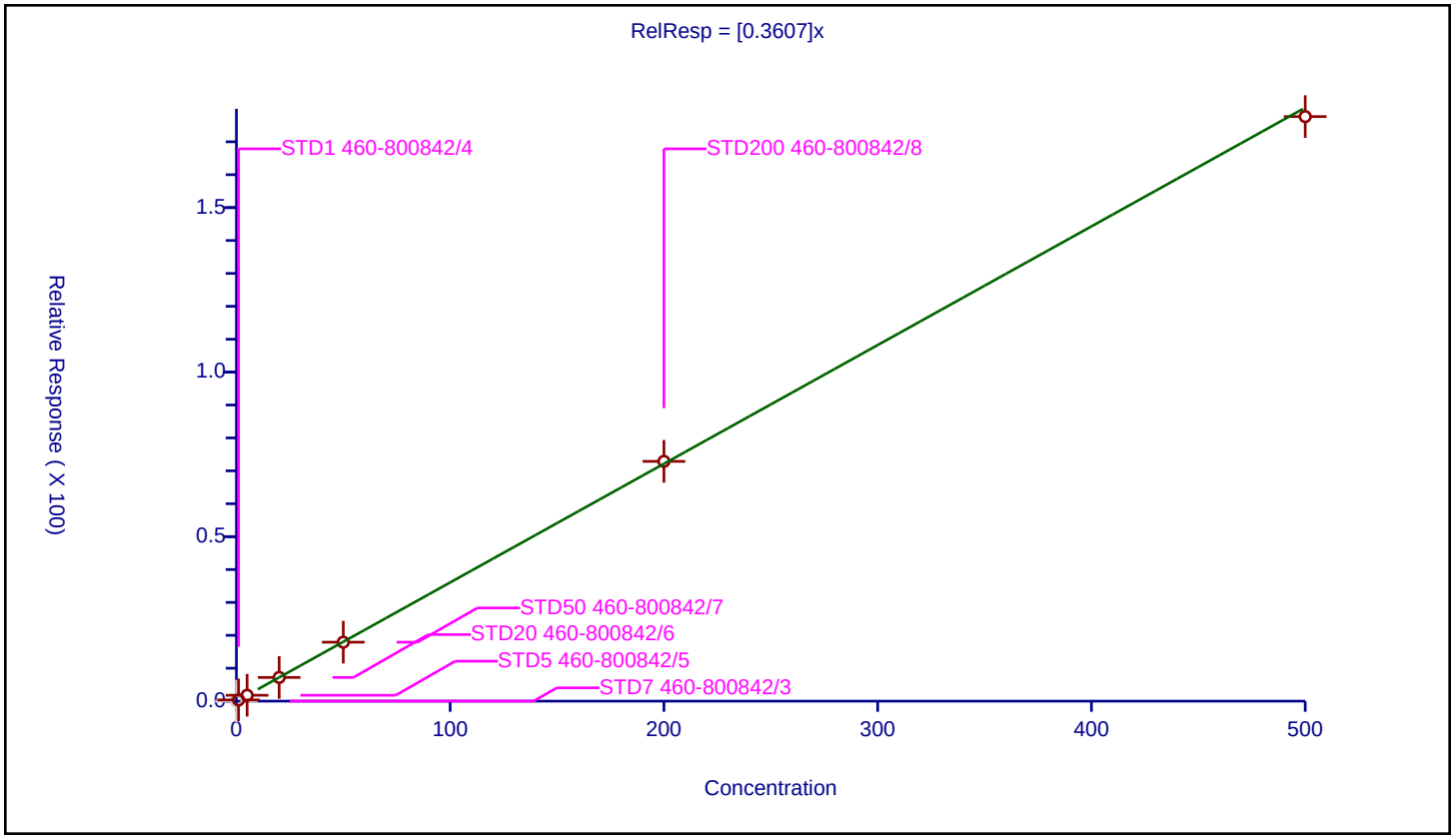
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3607 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 692000 |
| **Relative Standard Error:** | 1.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.369808 | 50.0 | 378980.0 | 0.369808 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.78252 | 50.0 | 375115.0 | 0.356504 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 7.202324 | 50.0 | 357461.0 | 0.360116 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 17.915172 | 50.0 | 357334.0 | 0.358303 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 72.876113 | 50.0 | 380364.0 | 0.364381 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 177.657381 | 50.0 | 404957.0 | 0.355315 | Y |



## Calibration / 1,3-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

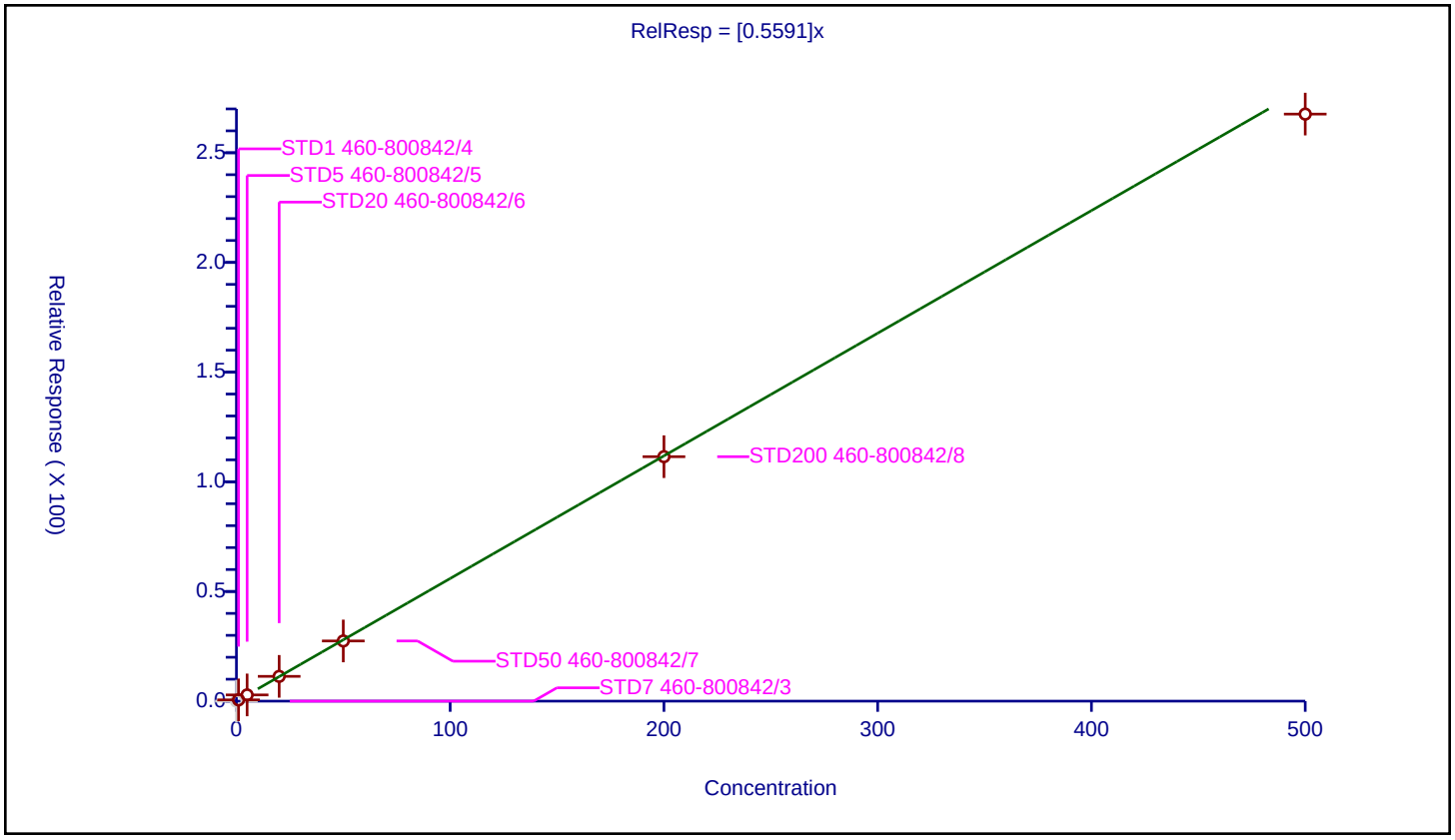
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5591 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1050000 |
| **Relative Standard Error:** | 2.9 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.581033 | 50.0 | 378980.0 | 0.581033 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.839129 | 50.0 | 375115.0 | 0.567826 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 11.294659 | 50.0 | 357461.0 | 0.564733 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 27.4298 | 50.0 | 357334.0 | 0.548596 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 111.447324 | 50.0 | 380364.0 | 0.557237 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 267.638169 | 50.0 | 404957.0 | 0.535276 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

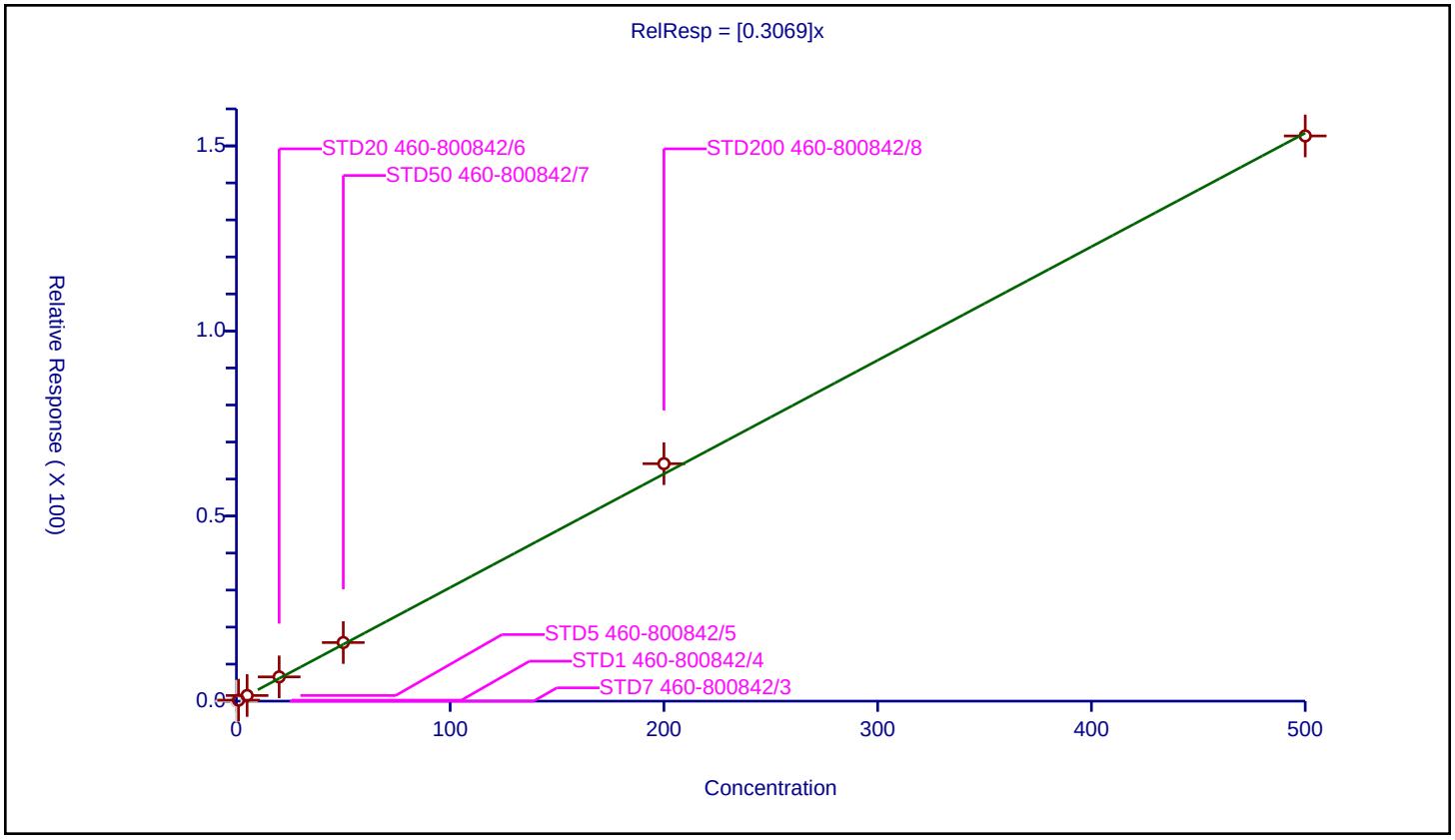
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3069 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 597000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.266901 | 50.0 | 378980.0 | 0.266901 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.5214 | 50.0 | 375115.0 | 0.30428 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 6.551344 | 50.0 | 357461.0 | 0.327567 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 15.836444 | 50.0 | 357334.0 | 0.316729 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 64.153416 | 50.0 | 380364.0 | 0.320767 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 152.689174 | 50.0 | 404957.0 | 0.305378 | Y |



## Calibration / n-Butyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

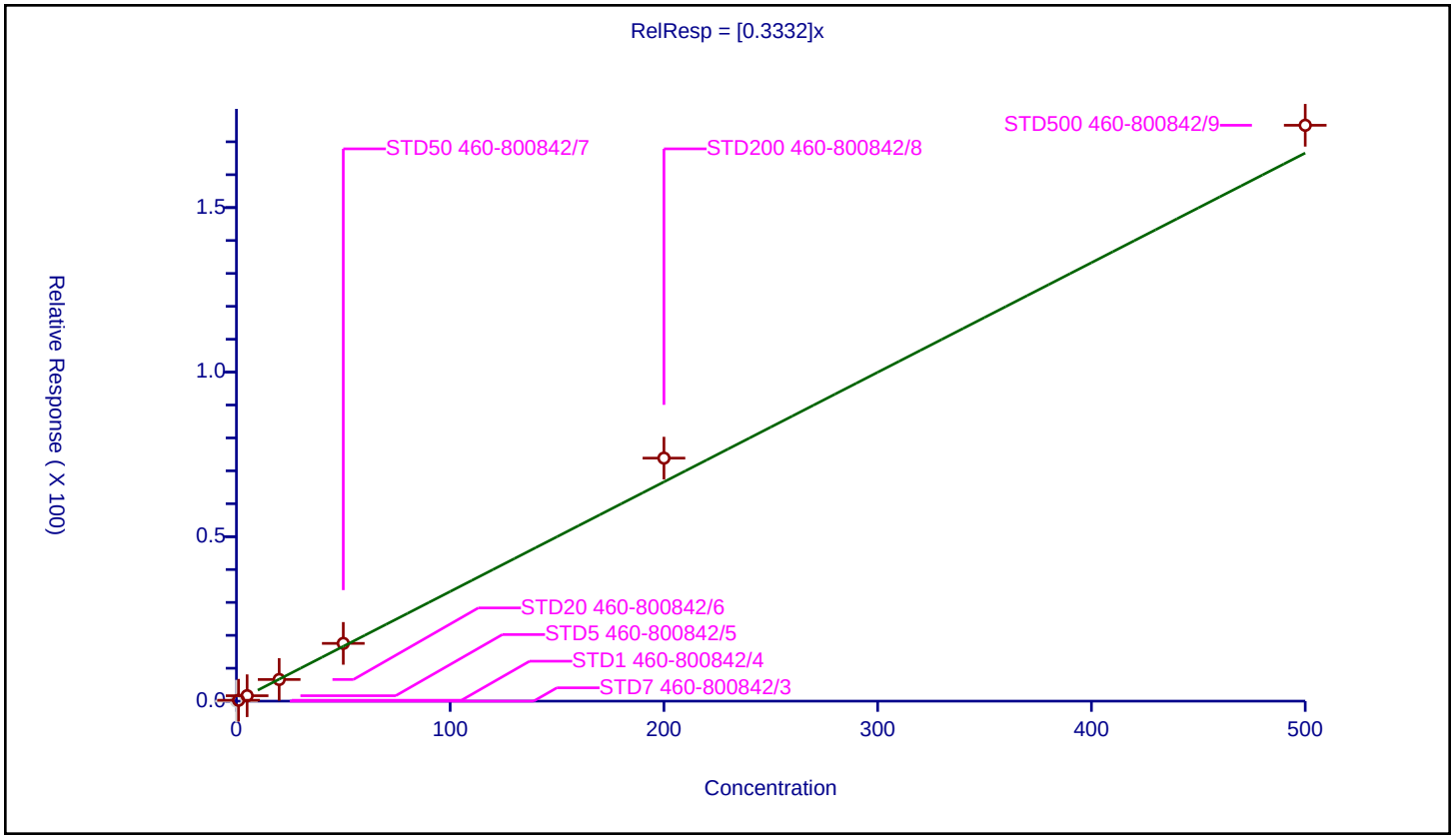
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3332 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 684000 |
| **Relative Standard Error:** | 10.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.270331 | 50.0 | 378980.0 | 0.270331 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.646962 | 50.0 | 375115.0 | 0.329392 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 6.574983 | 50.0 | 357461.0 | 0.328749 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 17.556264 | 50.0 | 357334.0 | 0.351125 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 73.863063 | 50.0 | 380364.0 | 0.369315 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 175.020311 | 50.0 | 404957.0 | 0.350041 | Y |



## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

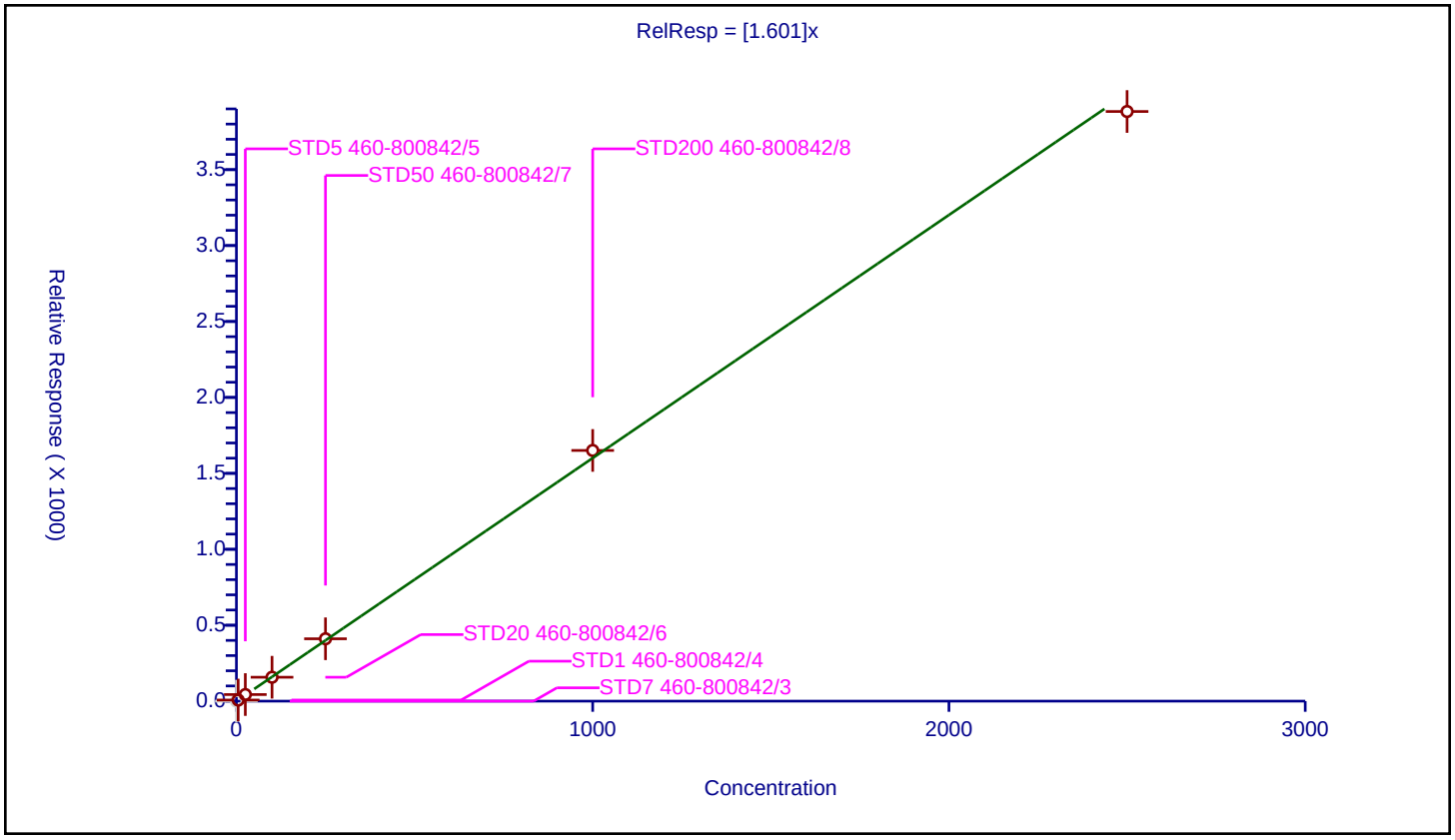
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.601 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1380000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 250.0 | 198122.0 | NaN | N |
| 2 | STD1 460-800842/4 | 5.0 | 7.228299 | 250.0 | 189602.0 | 1.44566 | Y |
| 3 | STD5 460-800842/5 | 25.0 | 43.435411 | 250.0 | 176043.0 | 1.737416 | Y |
| 4 | STD20 460-800842/6 | 100.0 | 157.472801 | 250.0 | 169769.0 | 1.574728 | Y |
| 5 | STD50 460-800842/7 | 250.0 | 410.607654 | 250.0 | 173997.0 | 1.642431 | Y |
| 6 | STD200 460-800842/8 | 1000.0 | 1650.82491 | 250.0 | 181535.0 | 1.650825 | Y |
| 7 | STD500 460-800842/9 | 2500.0 | 3882.840678 | 250.0 | 182988.0 | 1.553136 | Y |



## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

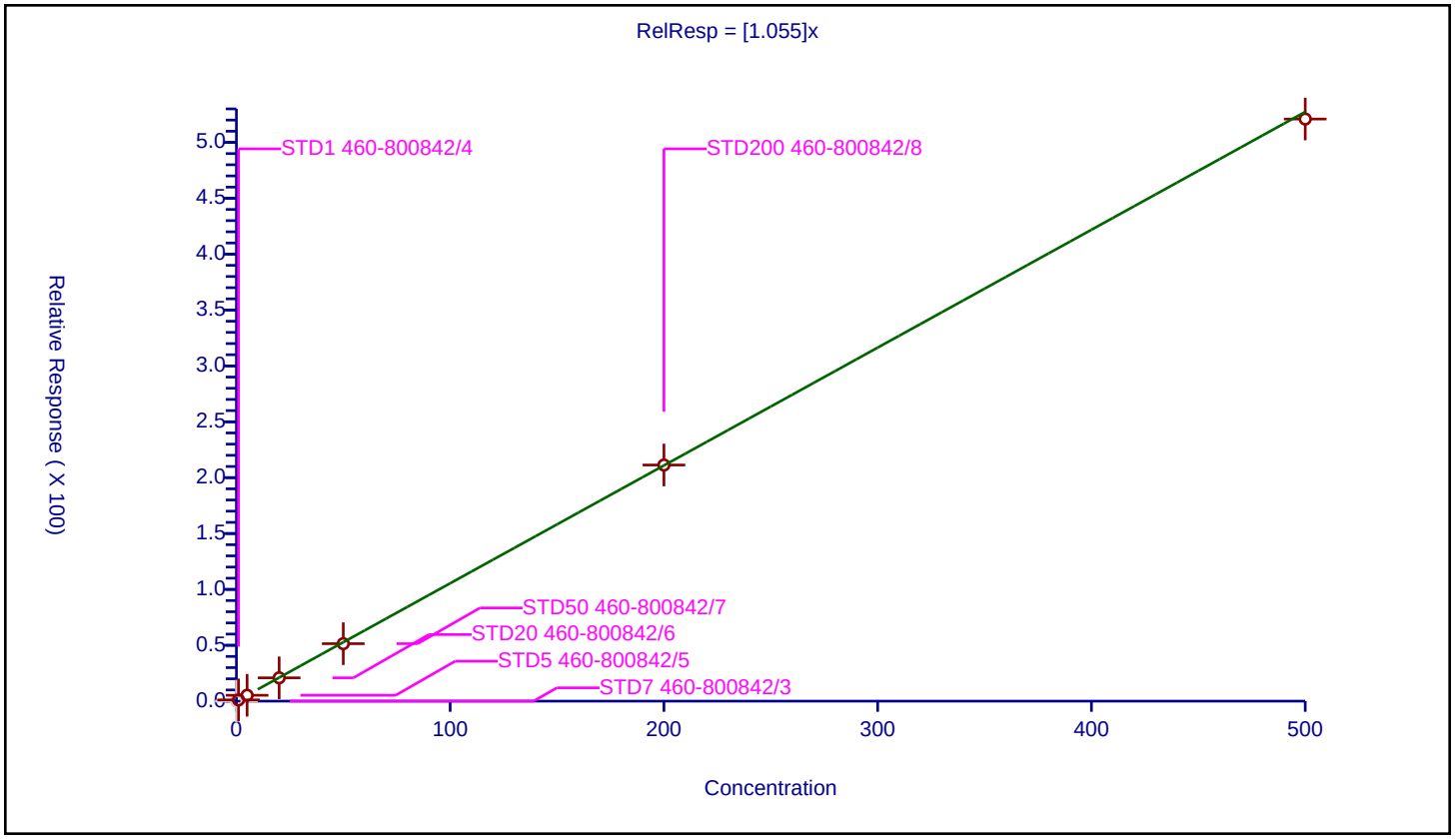
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.055 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2030000 |
| **Relative Standard Error:** | 2.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.105731 | 50.0 | 378980.0 | 1.105731 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 5.259854 | 50.0 | 375115.0 | 1.051971 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 20.859618 | 50.0 | 357461.0 | 1.042981 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 51.425277 | 50.0 | 357334.0 | 1.028506 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 211.299702 | 50.0 | 380364.0 | 1.056499 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 520.926296 | 50.0 | 404957.0 | 1.041853 | Y |



## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

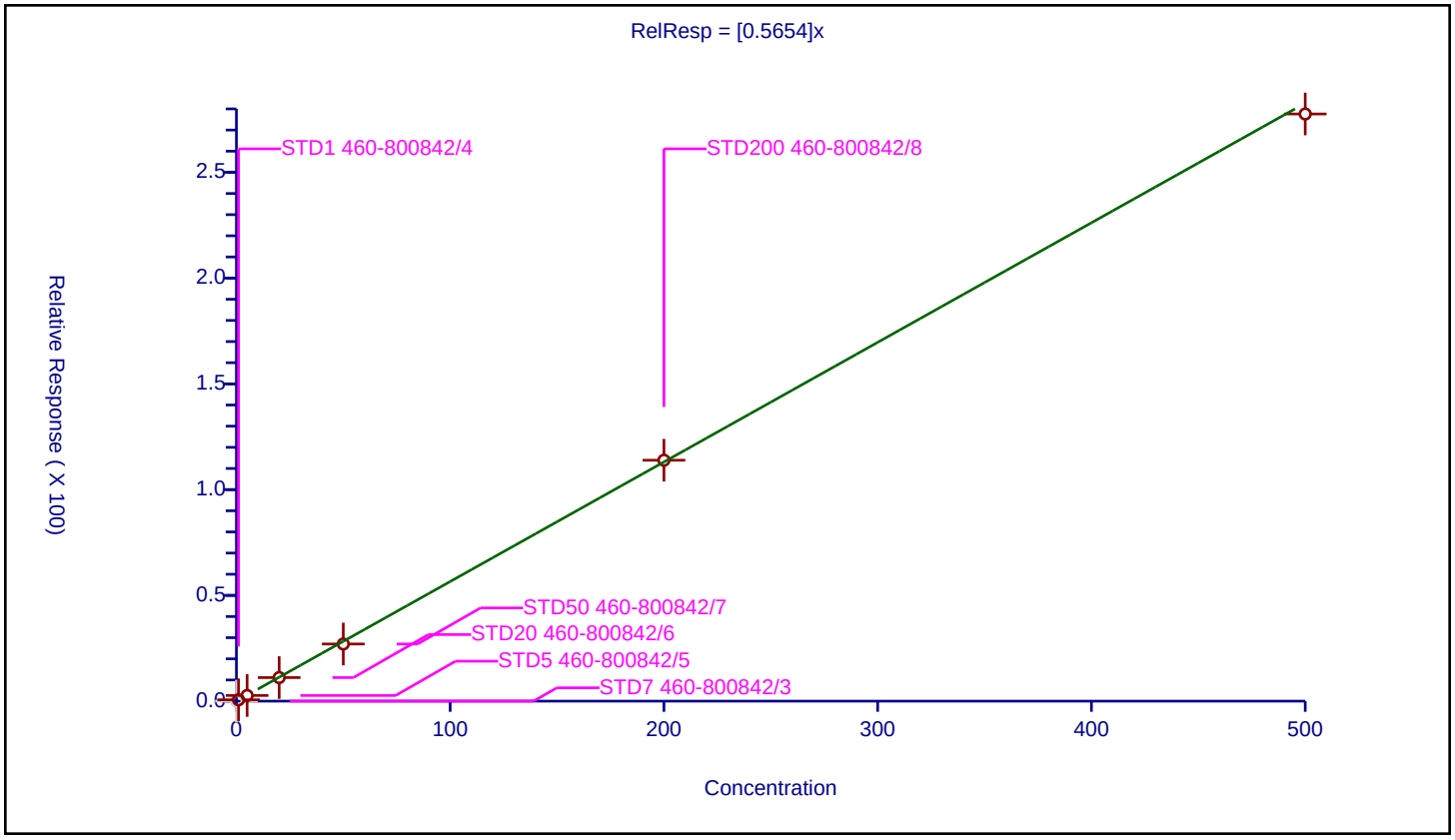
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5654 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1080000 |
| **Relative Standard Error:** | 6.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.63473 | 50.0 | 378980.0 | 0.63473 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 2.679978 | 50.0 | 375115.0 | 0.535996 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 11.134222 | 50.0 | 357461.0 | 0.556711 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 27.020519 | 50.0 | 357334.0 | 0.54041 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 113.894848 | 50.0 | 380364.0 | 0.569474 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 277.595893 | 50.0 | 404957.0 | 0.555192 | Y |



## Calibration / 1,1,1,2-Tetrachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

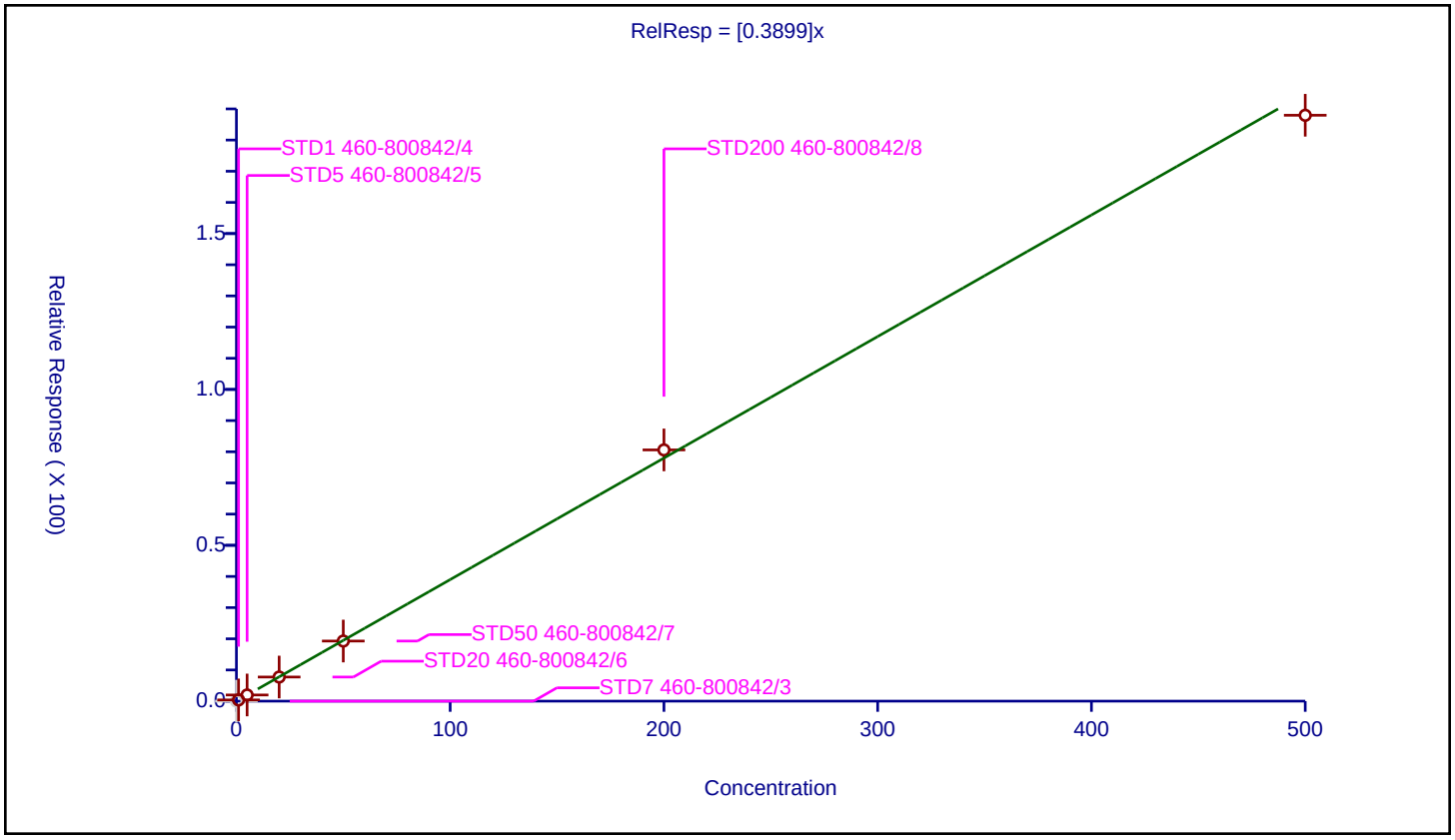
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3899 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 737000 |
| **Relative Standard Error:** | 2.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.392501 | 50.0 | 378980.0 | 0.392501 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.977927 | 50.0 | 375115.0 | 0.395585 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 7.735809 | 50.0 | 357461.0 | 0.38679 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 19.280561 | 50.0 | 357334.0 | 0.385611 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 80.598979 | 50.0 | 380364.0 | 0.402995 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 187.953536 | 50.0 | 404957.0 | 0.375907 | Y |



## Calibration / m-Xylene & p-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

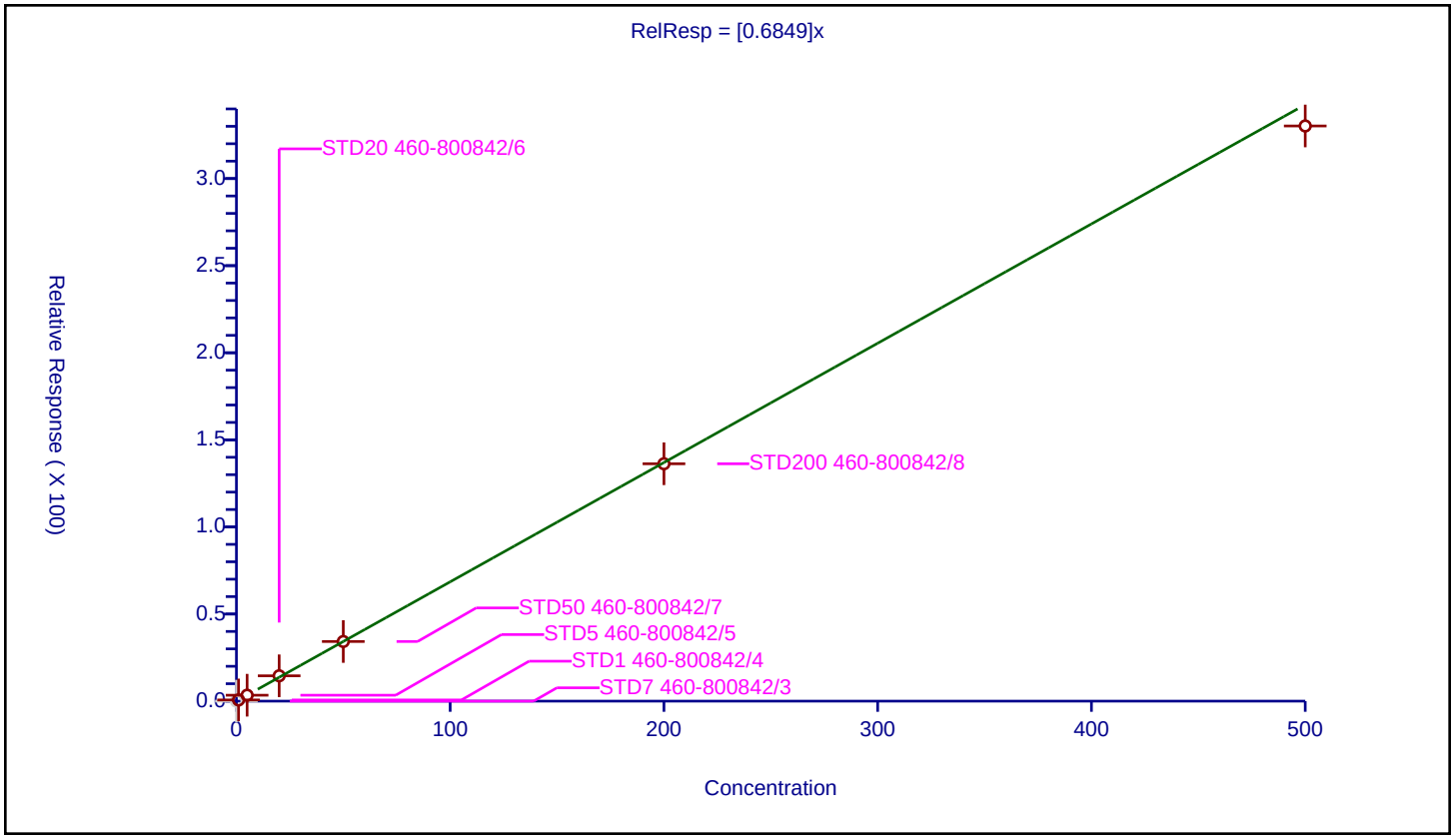
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6849 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1290000 |
| **Relative Standard Error:** | 3.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.674442 | 50.0 | 378980.0 | 0.674442 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 3.405089 | 50.0 | 375115.0 | 0.681018 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 14.546902 | 50.0 | 357461.0 | 0.727345 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 34.241914 | 50.0 | 357334.0 | 0.684838 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 136.268154 | 50.0 | 380364.0 | 0.681341 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 330.194193 | 50.0 | 404957.0 | 0.660388 | Y |



## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

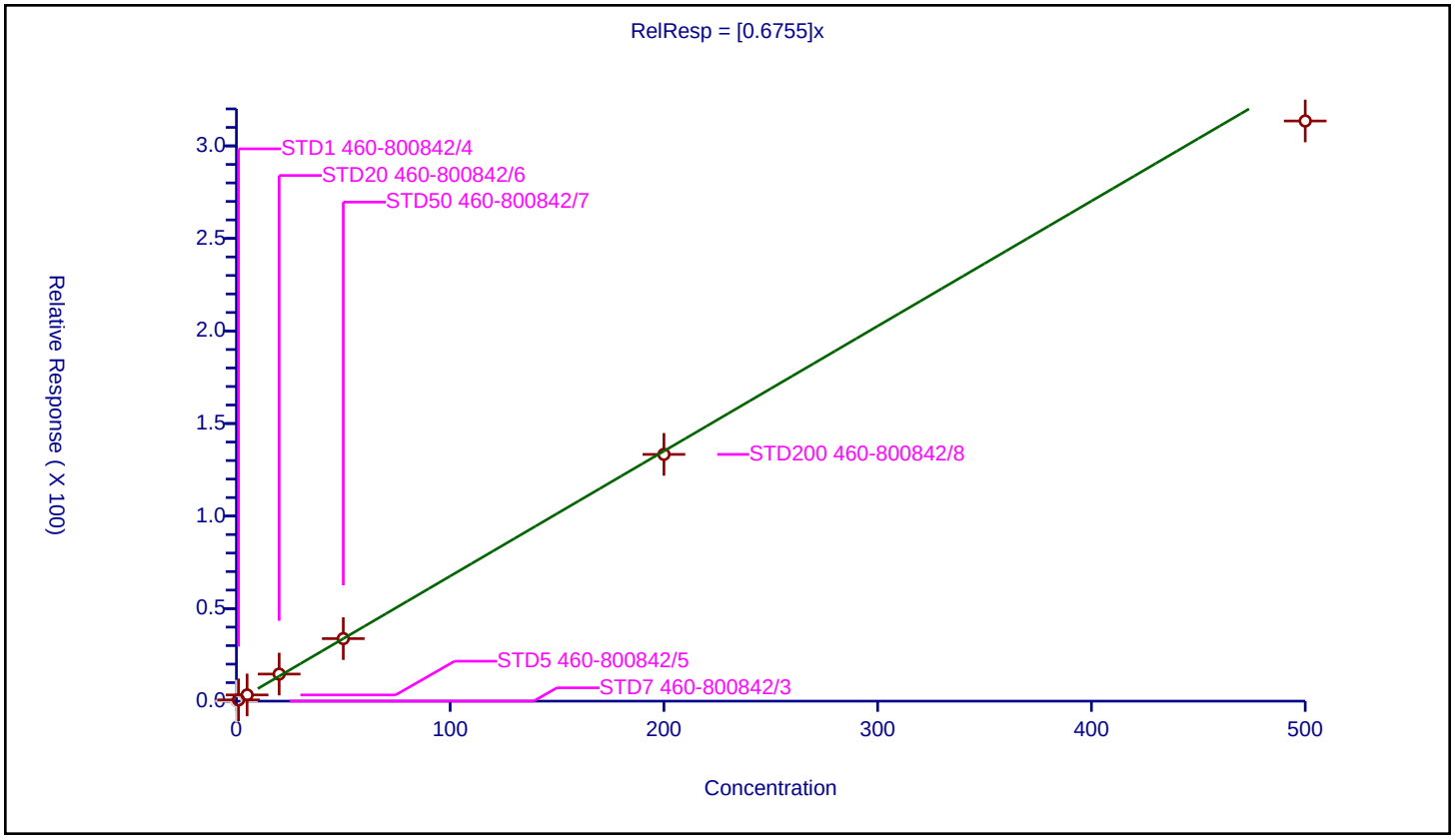
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6755 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1230000 |
| **Relative Standard Error:** | 5.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.680379 | 50.0 | 378980.0 | 0.680379 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 3.35897 | 50.0 | 375115.0 | 0.671794 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 14.634044 | 50.0 | 357461.0 | 0.731702 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 33.78184 | 50.0 | 357334.0 | 0.675637 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 133.319268 | 50.0 | 380364.0 | 0.666596 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 313.468097 | 50.0 | 404957.0 | 0.626936 | Y |



## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

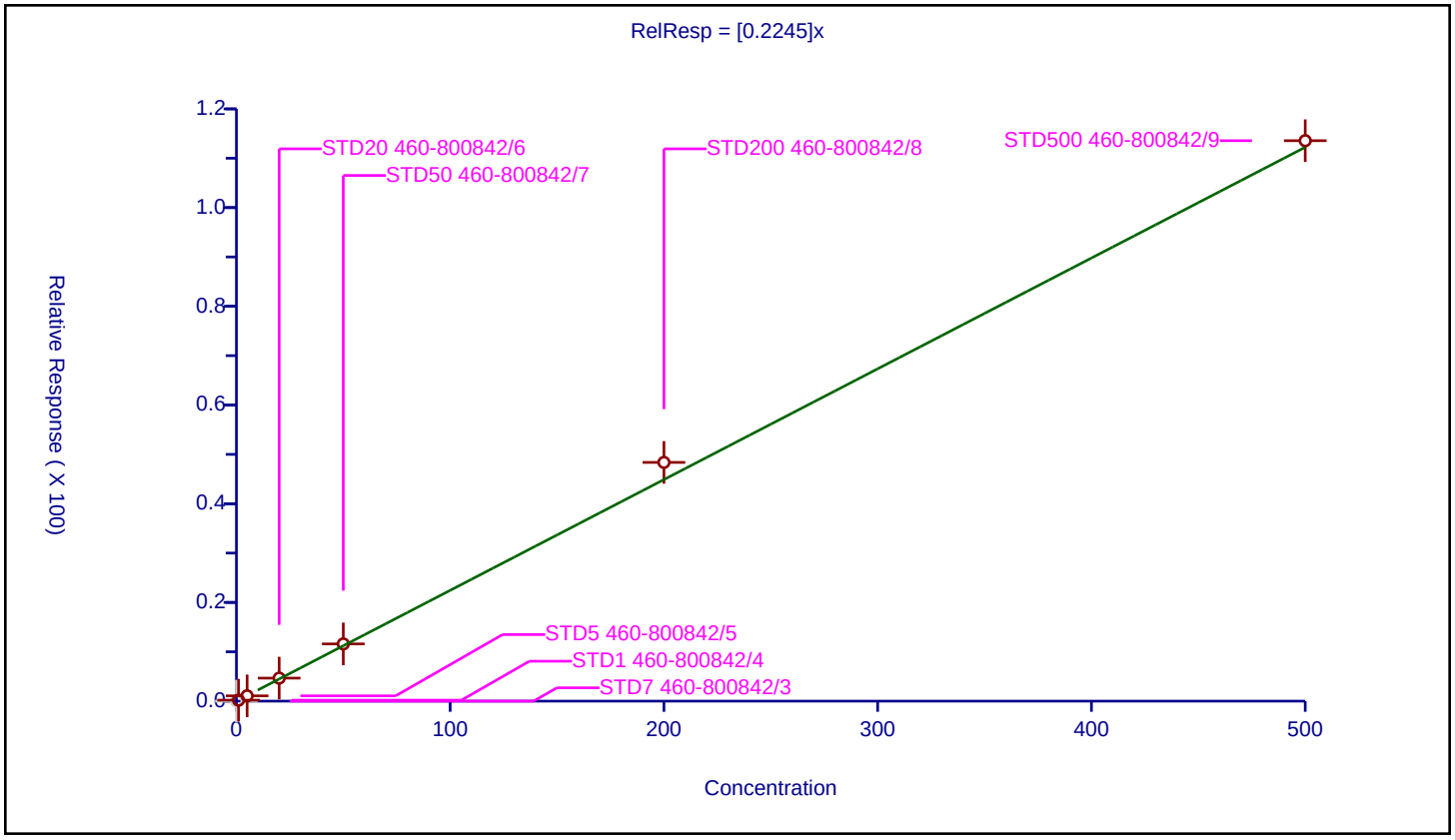
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2245 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 445000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.198295 | 50.0 | 378980.0 | 0.198295 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.071671 | 50.0 | 375115.0 | 0.214334 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 4.664425 | 50.0 | 357461.0 | 0.233221 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 11.596014 | 50.0 | 357334.0 | 0.23192 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 48.372217 | 50.0 | 380364.0 | 0.241861 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 113.555019 | 50.0 | 404957.0 | 0.22711 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

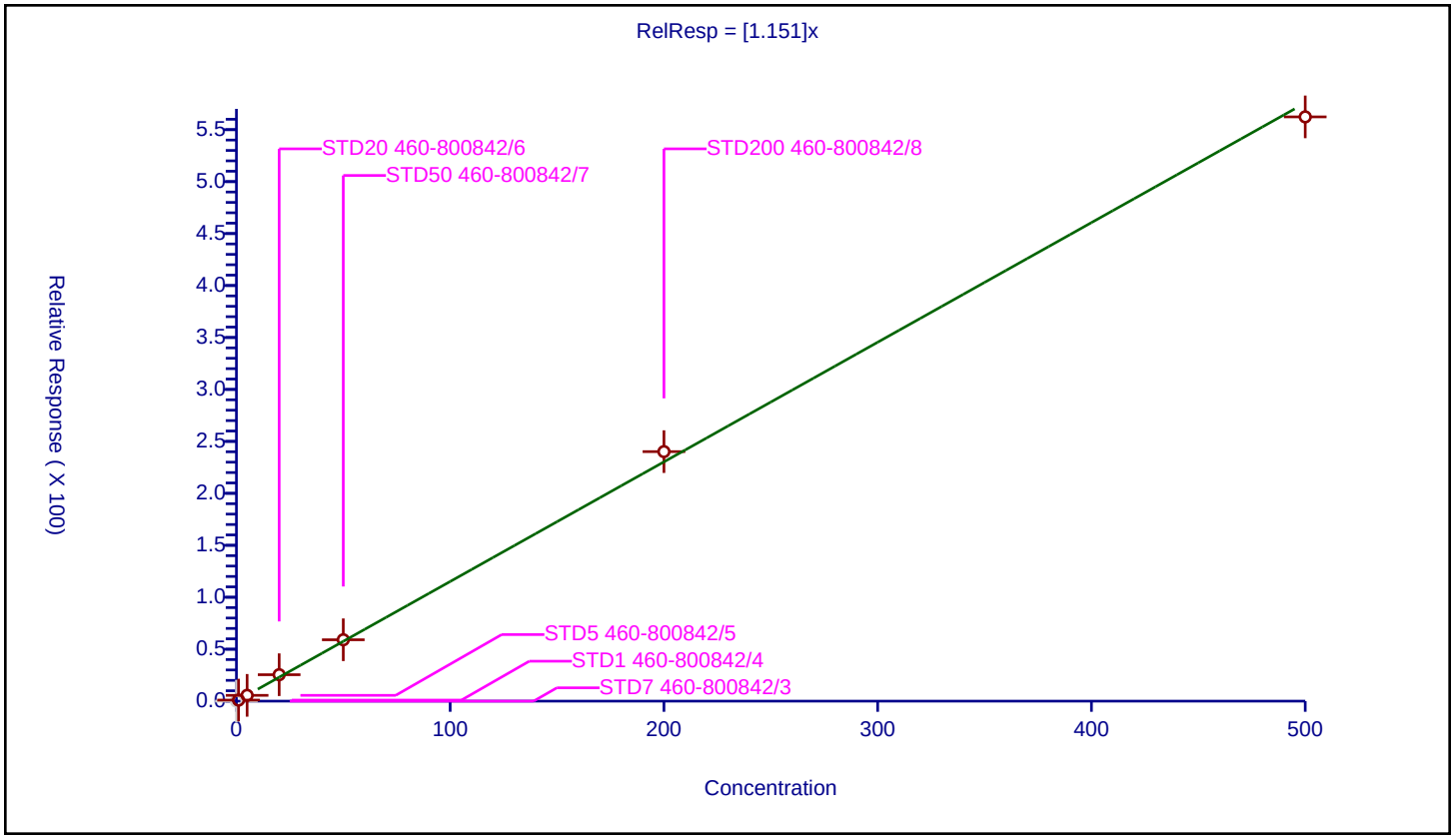
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.151 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2200000 |
| **Relative Standard Error:** | 7.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.01285 | 50.0 | 378980.0 | 1.01285 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 5.58562 | 50.0 | 375115.0 | 1.117124 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 25.432145 | 50.0 | 357461.0 | 1.271607 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 59.069806 | 50.0 | 357334.0 | 1.181396 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 240.153905 | 50.0 | 380364.0 | 1.20077 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 562.30748 | 50.0 | 404957.0 | 1.124615 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

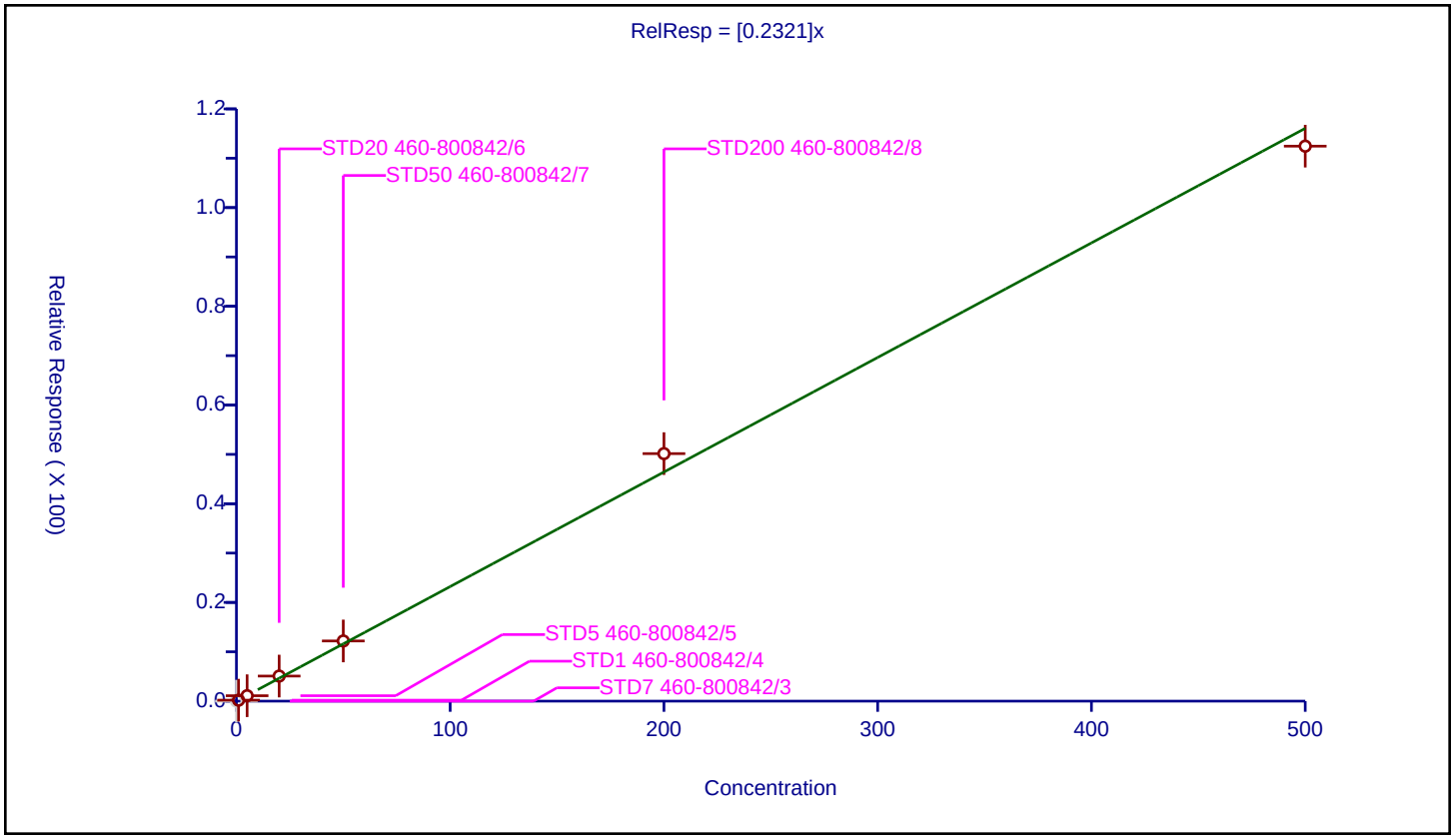
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2321 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 444000 |
| **Relative Standard Error:** | 9.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.199219 | 50.0 | 378980.0 | 0.199219 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.099263 | 50.0 | 375115.0 | 0.219853 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 5.081393 | 50.0 | 357461.0 | 0.25407 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 12.192375 | 50.0 | 357334.0 | 0.243847 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 50.150645 | 50.0 | 380364.0 | 0.250753 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 112.452433 | 50.0 | 404957.0 | 0.224905 | Y |



## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

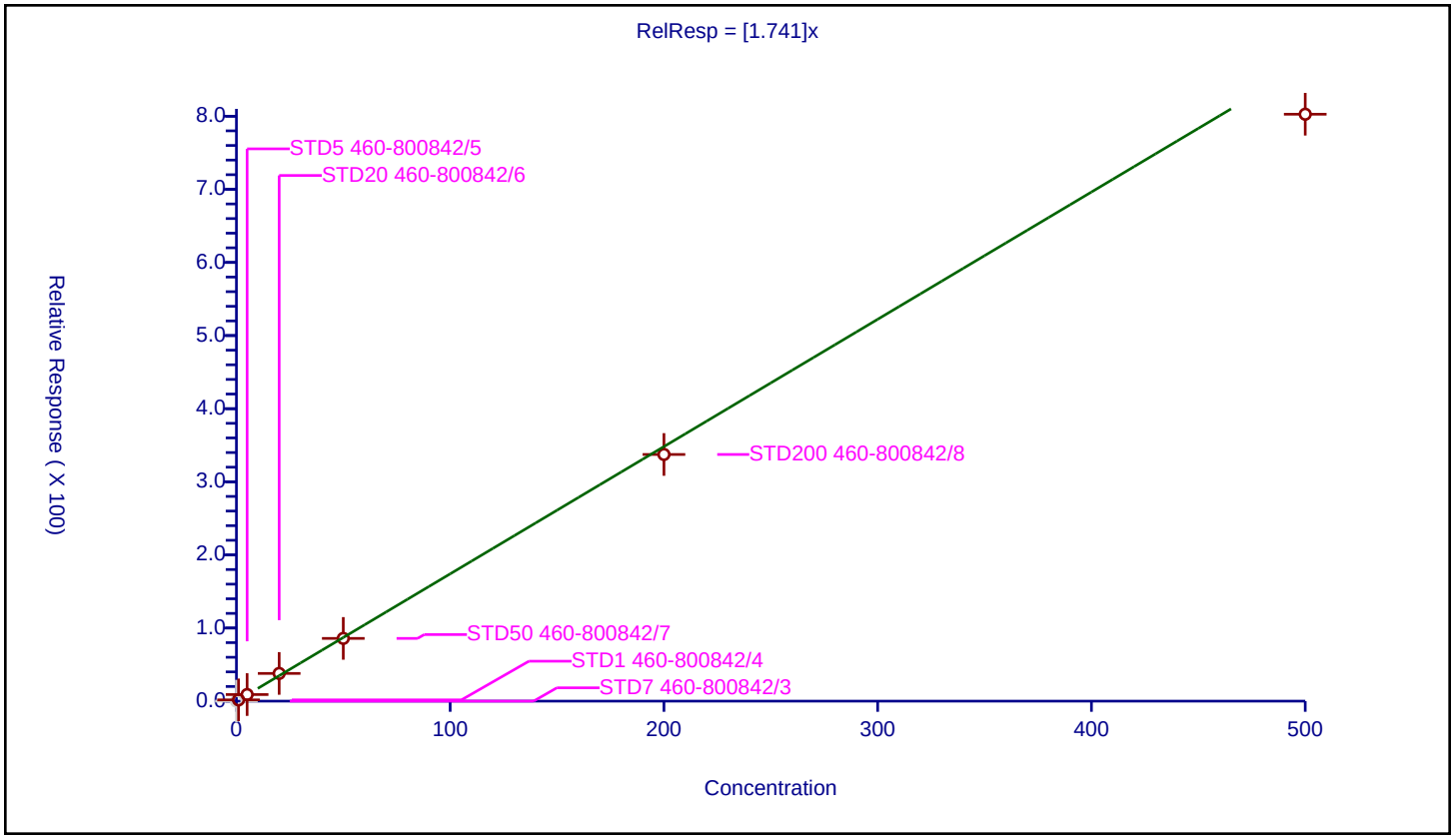
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.741 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3140000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 378285.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.737955 | 50.0 | 378980.0 | 1.737955 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 9.012436 | 50.0 | 375115.0 | 1.802487 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 37.914905 | 50.0 | 357461.0 | 1.895745 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 85.808795 | 50.0 | 357334.0 | 1.716176 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 337.381298 | 50.0 | 380364.0 | 1.686906 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 802.716214 | 50.0 | 404957.0 | 1.605432 | Y |



## Calibration / 4-Bromofluorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

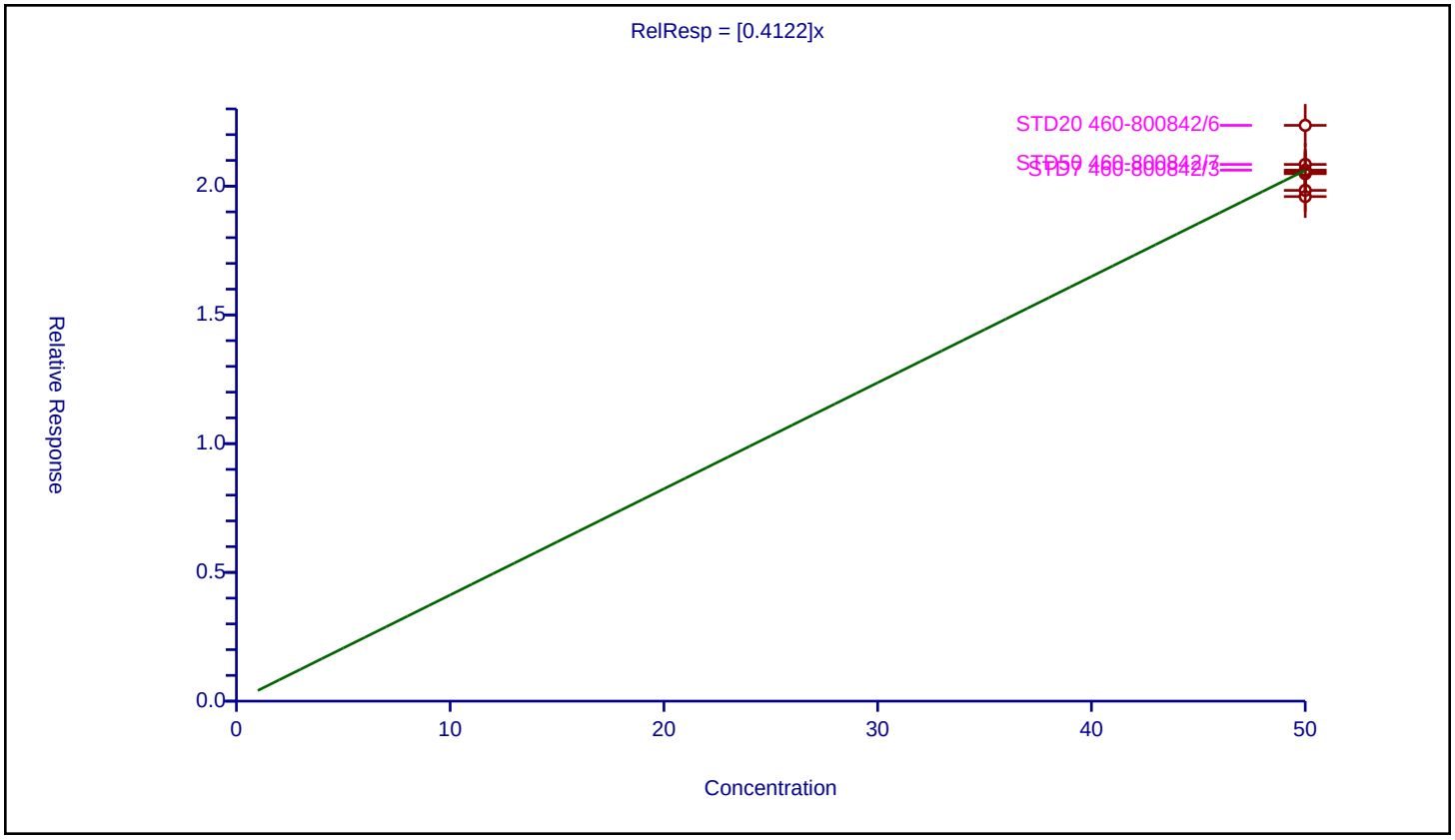
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4122 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 167000 |
| **Relative Standard Error:** | 4.3 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 50.0 | 20.620432 | 50.0 | 378285.0 | 0.412409 | Y |
| 2 | STD1 460-800842/4 | 50.0 | 20.549369 | 50.0 | 378980.0 | 0.410987 | Y |
| 3 | STD5 460-800842/5 | 50.0 | 20.483185 | 50.0 | 375115.0 | 0.409664 | Y |
| 4 | STD20 460-800842/6 | 50.0 | 22.360341 | 50.0 | 357461.0 | 0.447207 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 20.842965 | 50.0 | 357334.0 | 0.416859 | Y |
| 6 | STD200 460-800842/8 | 50.0 | 19.835999 | 50.0 | 380364.0 | 0.39672 | Y |
| 7 | STD500 460-800842/9 | 50.0 | 19.59492 | 50.0 | 404957.0 | 0.391898 | Y |



## Calibration / Amyl acetate (mixed isomers)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

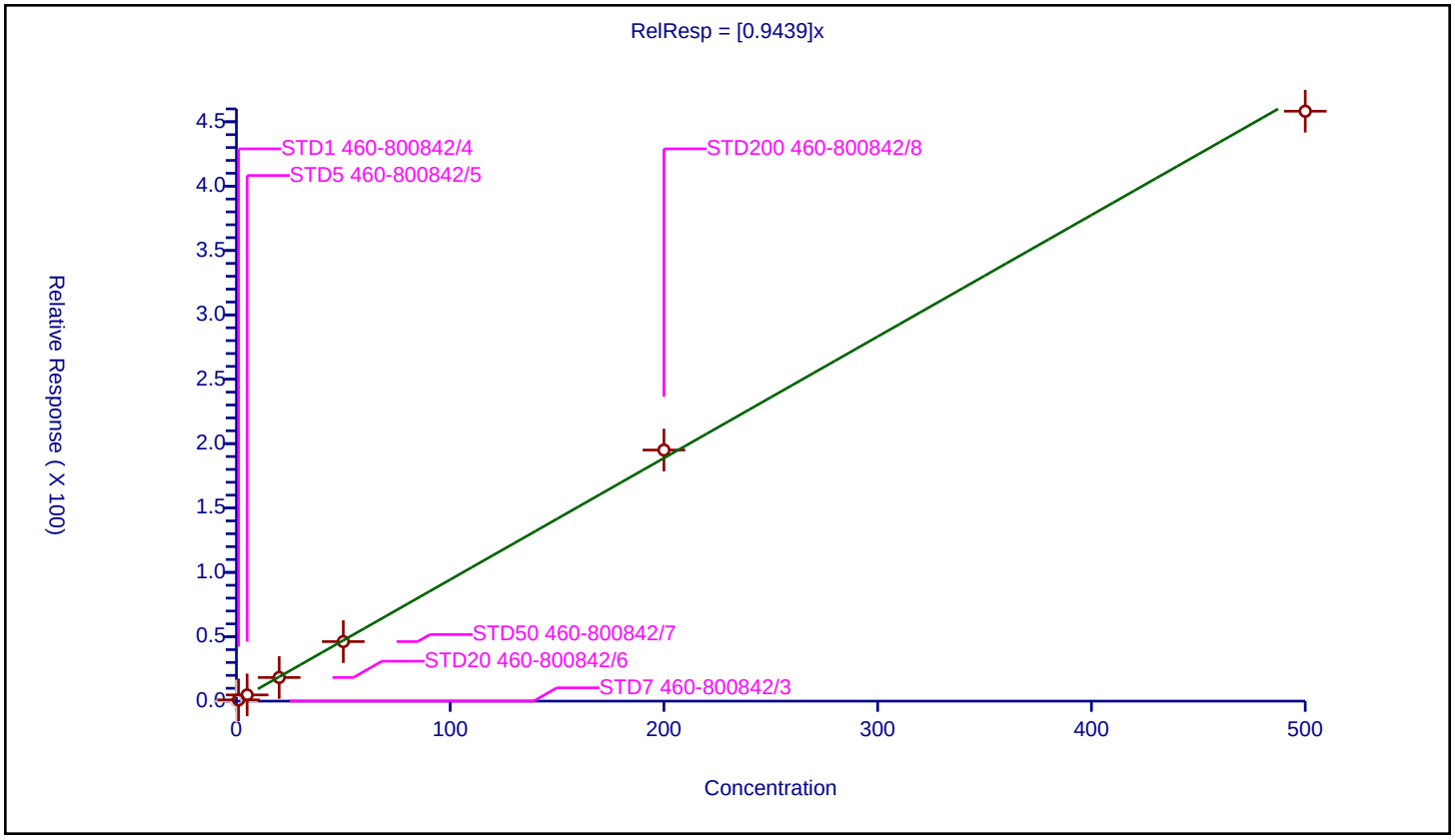
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9439 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 947000 |
| **Relative Standard Error:** | 2.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.961946 | 50.0 | 214825.0 | 0.961946 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 4.834614 | 50.0 | 208300.0 | 0.966923 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 18.361153 | 50.0 | 217470.0 | 0.918058 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 46.247203 | 50.0 | 206446.0 | 0.924944 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 195.017401 | 50.0 | 208606.0 | 0.975087 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 458.218381 | 50.0 | 212116.0 | 0.916437 | Y |



## Calibration / Bromobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

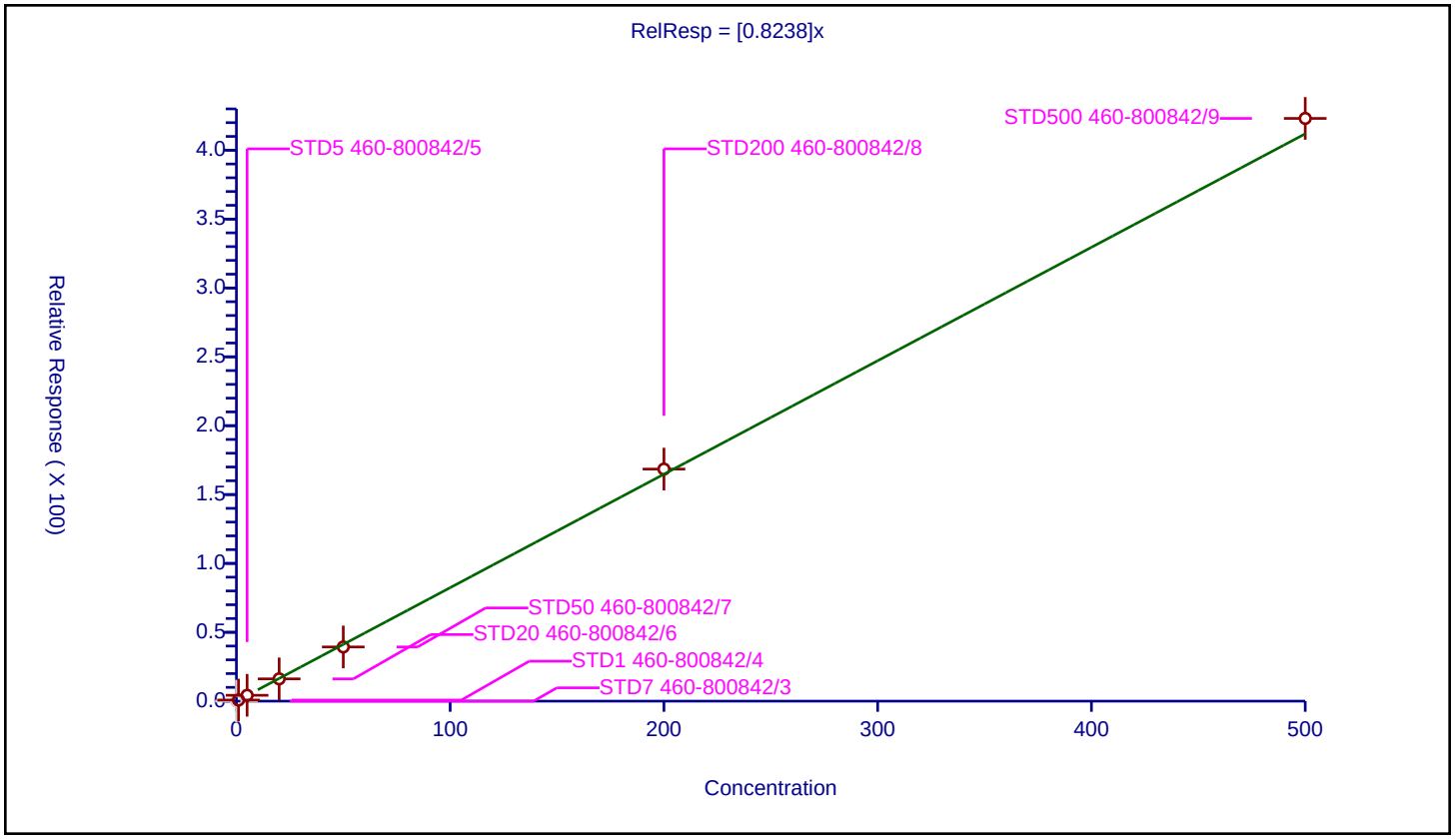
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8238 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 865000 |
| **Relative Standard Error:** | 3.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.809962 | 50.0 | 214825.0 | 0.809962 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 4.245559 | 50.0 | 208300.0 | 0.849112 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 16.167058 | 50.0 | 217470.0 | 0.808353 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 39.346367 | 50.0 | 206446.0 | 0.786927 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 168.478136 | 50.0 | 208606.0 | 0.842391 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 423.068745 | 50.0 | 212116.0 | 0.846137 | Y |



## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

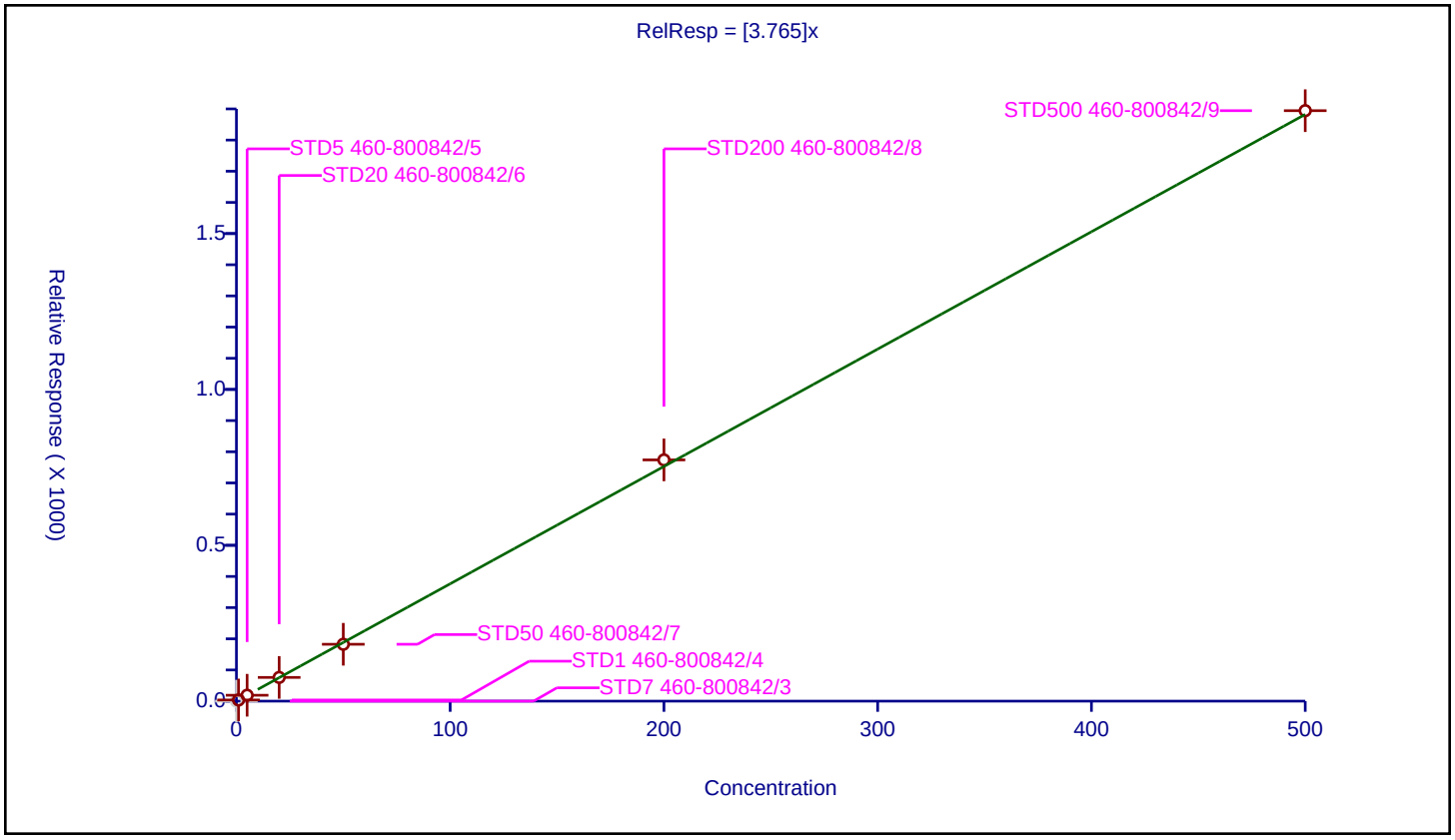
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.765 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3890000 |
| **Relative Standard Error:** | 2.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 3.69929 | 50.0 | 214825.0 | 3.69929 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 18.889102 | 50.0 | 208300.0 | 3.77782 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 76.071642 | 50.0 | 217470.0 | 3.803582 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 182.44214 | 50.0 | 206446.0 | 3.648843 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 773.900799 | 50.0 | 208606.0 | 3.869504 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1894.29911 | 50.0 | 212116.0 | 3.788598 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

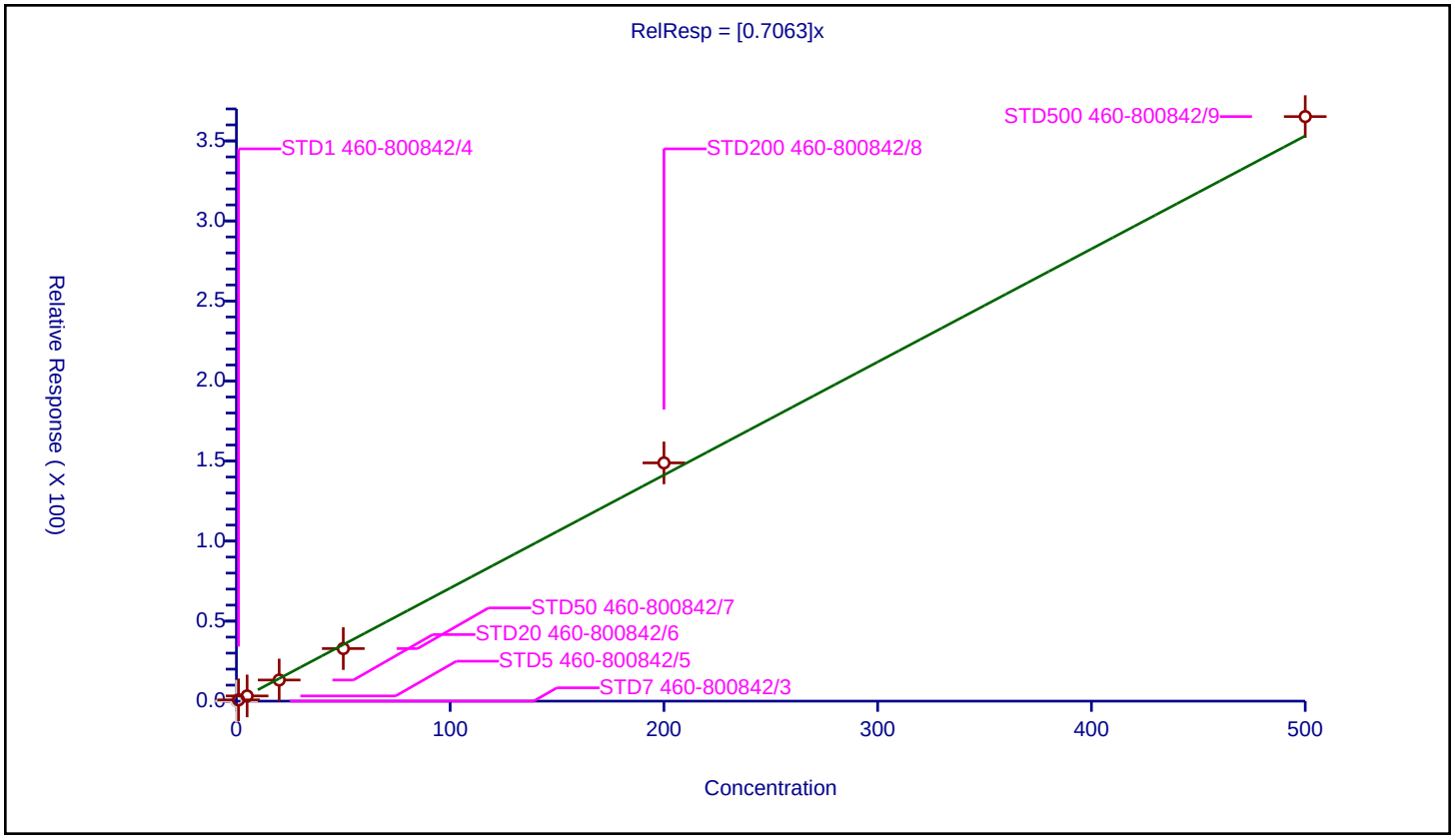
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7063 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 749000 |
| **Relative Standard Error:** | 8.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.795531 | 50.0 | 214825.0 | 0.795531 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 3.254921 | 50.0 | 208300.0 | 0.650984 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 13.196303 | 50.0 | 217470.0 | 0.659815 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 32.844424 | 50.0 | 206446.0 | 0.656888 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 148.843514 | 50.0 | 208606.0 | 0.744218 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 365.195459 | 50.0 | 212116.0 | 0.730391 | Y |



## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

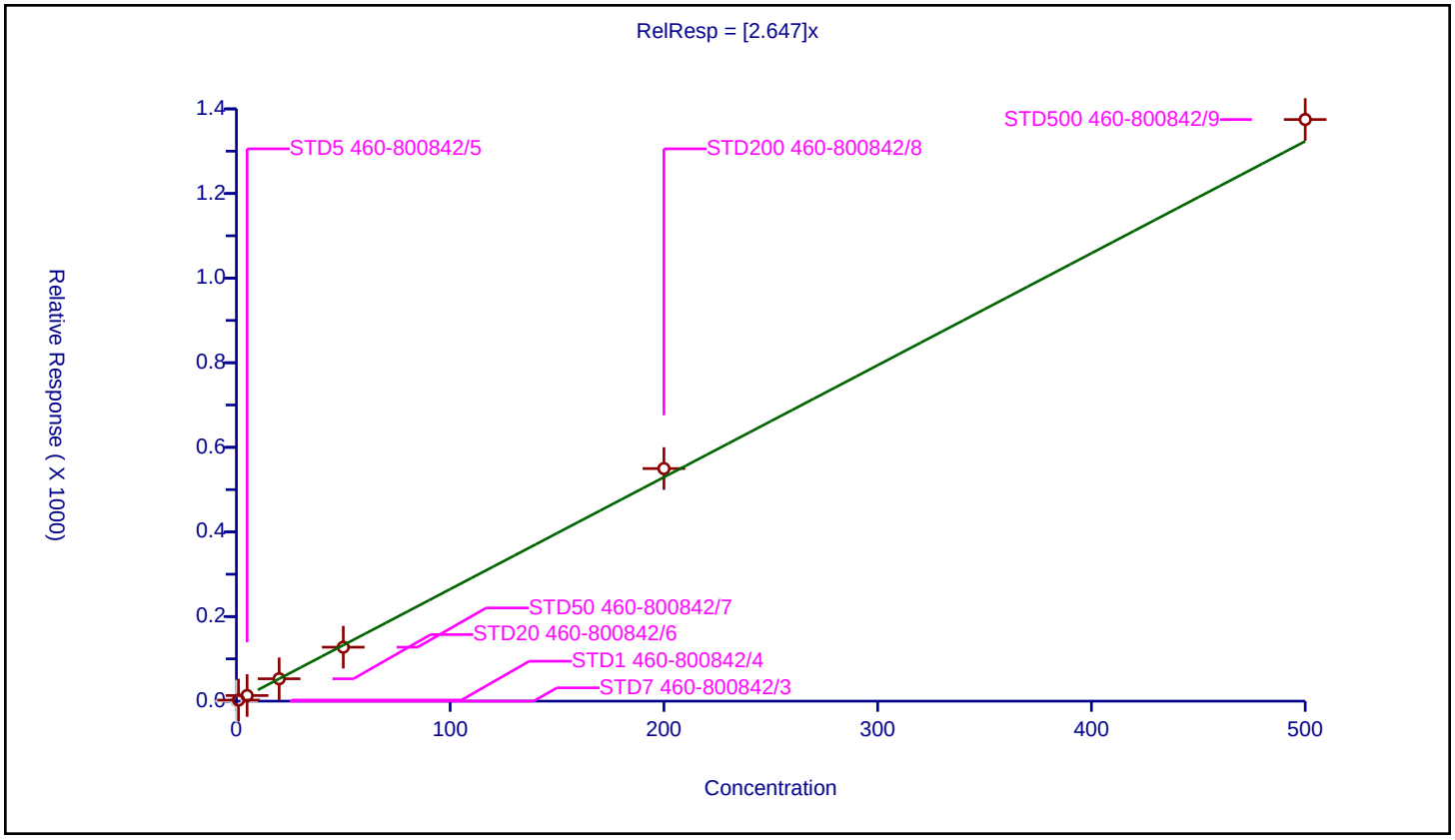
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.647 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2810000 |
| **Relative Standard Error:** | 3.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.541138 | 50.0 | 214825.0 | 2.541138 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 13.25012 | 50.0 | 208300.0 | 2.650024 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 52.827976 | 50.0 | 217470.0 | 2.641399 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 127.495326 | 50.0 | 206446.0 | 2.549907 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 549.819756 | 50.0 | 208606.0 | 2.749099 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1374.879547 | 50.0 | 212116.0 | 2.749759 | Y |



## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

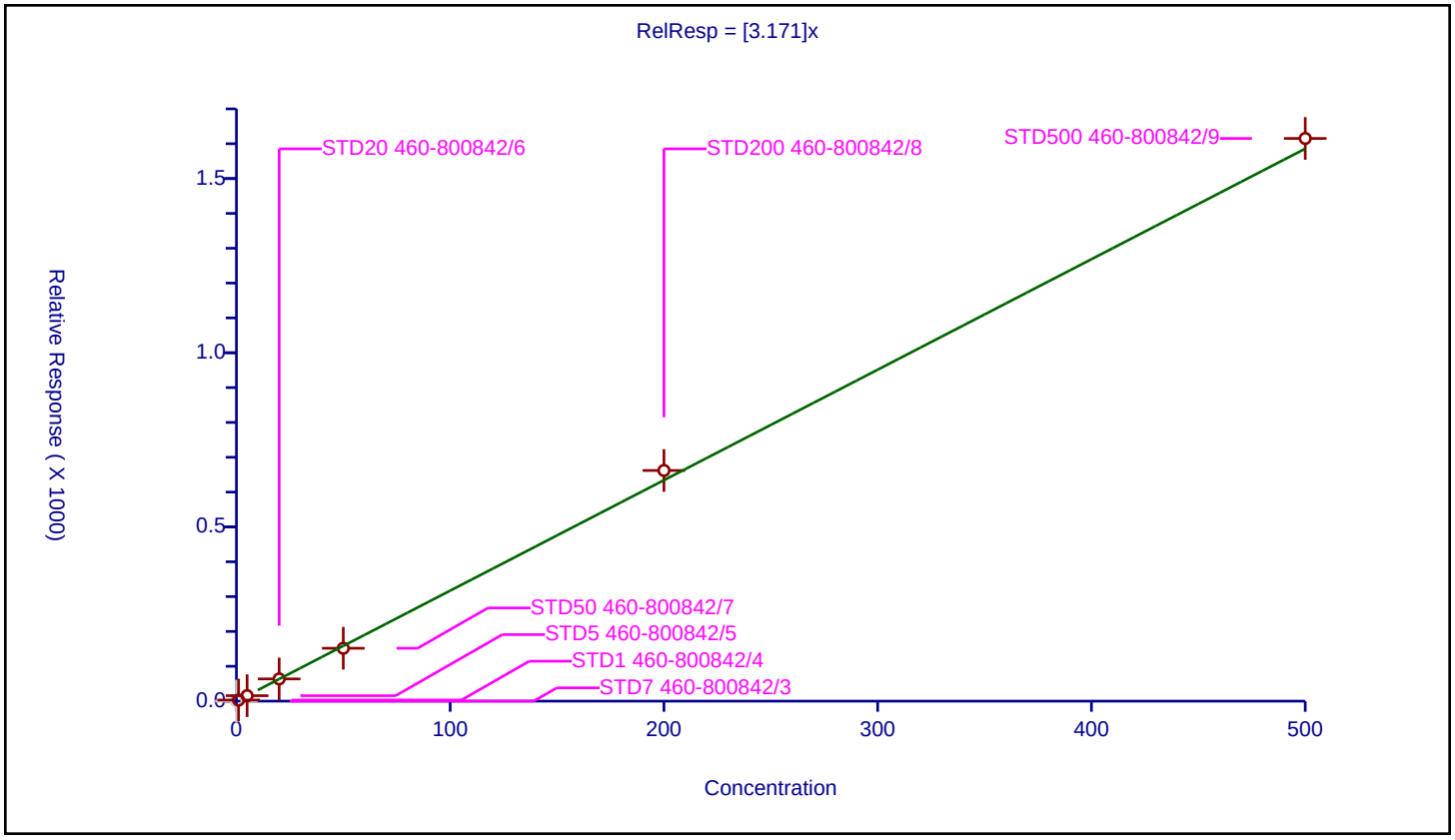
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.171 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3320000 |
| **Relative Standard Error:** | 3.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 3.139067 | 50.0 | 214825.0 | 3.139067 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 15.605137 | 50.0 | 208300.0 | 3.121027 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 63.817308 | 50.0 | 217470.0 | 3.190865 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 151.80701 | 50.0 | 206446.0 | 3.03614 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 662.121176 | 50.0 | 208606.0 | 3.310606 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1615.151615 | 50.0 | 212116.0 | 3.230303 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

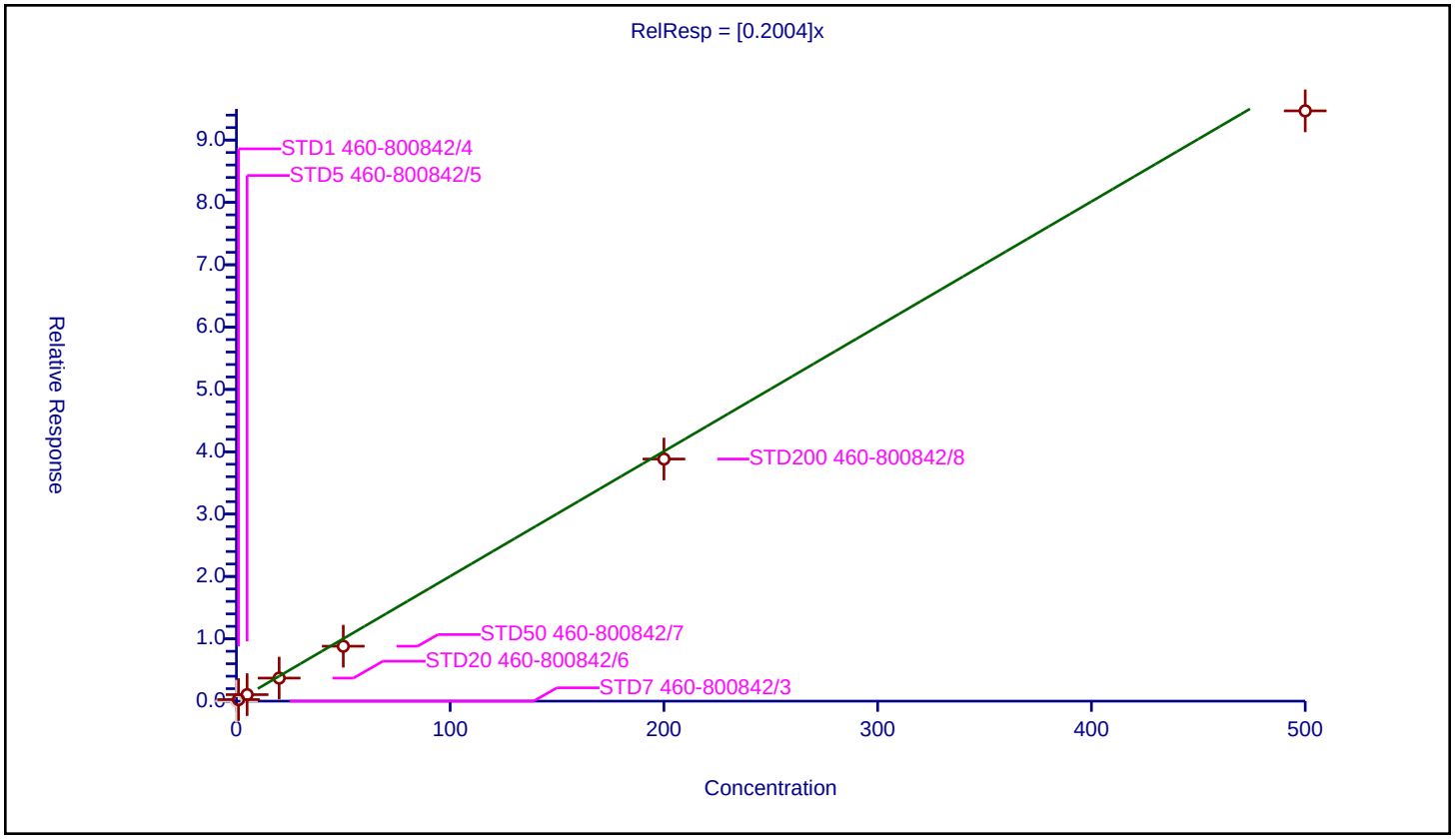
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2004 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 194000 |
| **Relative Standard Error:** | 13.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.248807 | 50.0 | 214825.0 | 0.248807 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.043207 | 50.0 | 208300.0 | 0.208641 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 3.697521 | 50.0 | 217470.0 | 0.184876 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 8.813201 | 50.0 | 206446.0 | 0.176264 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 38.835173 | 50.0 | 208606.0 | 0.194176 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 94.683805 | 50.0 | 212116.0 | 0.189368 | Y |



## Calibration / 1,3,5-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

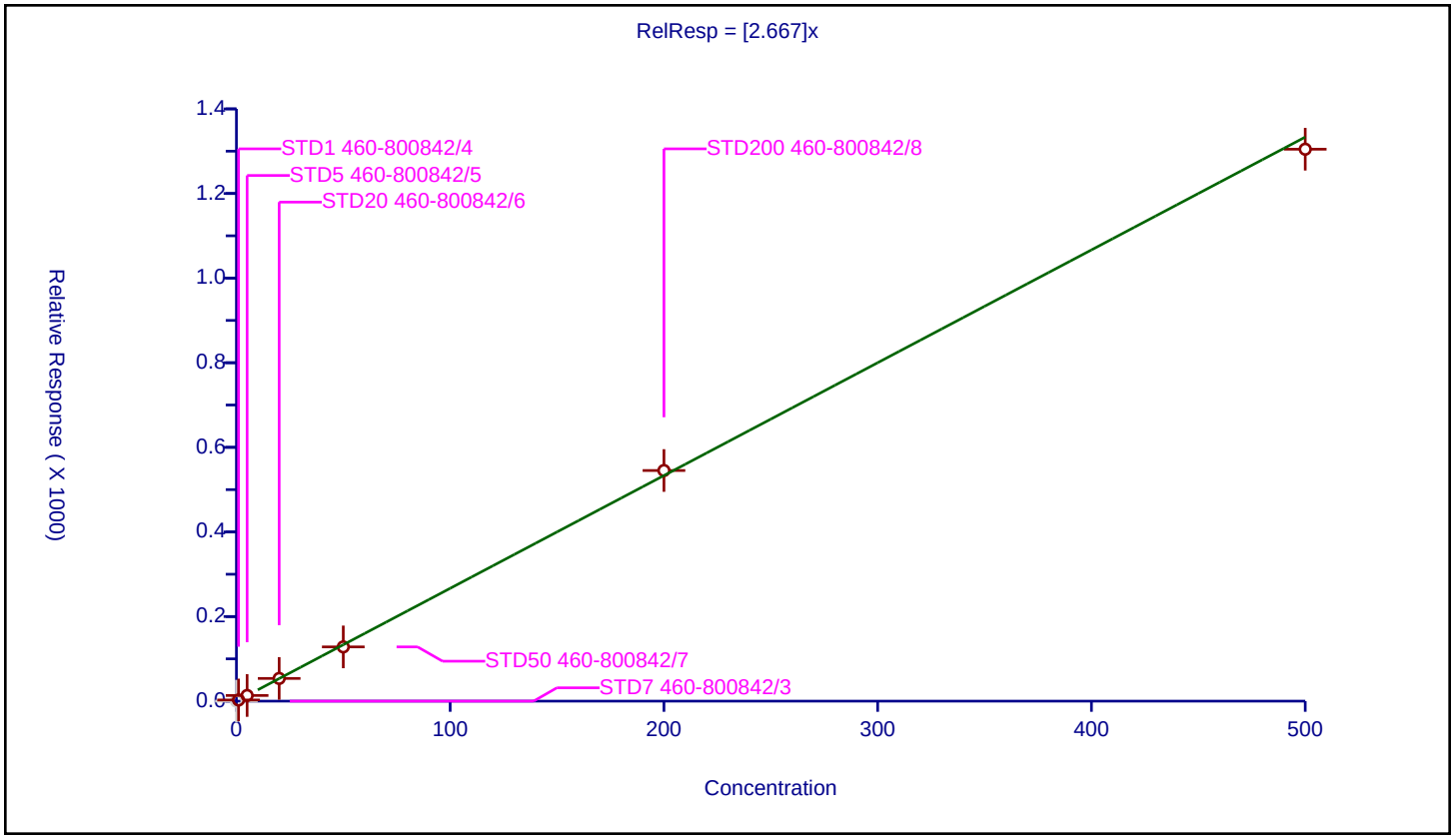
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.667 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2690000 |
| **Relative Standard Error:** | 2.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.743396 | 50.0 | 214825.0 | 2.743396 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 13.358137 | 50.0 | 208300.0 | 2.671627 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 53.693383 | 50.0 | 217470.0 | 2.684669 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 128.246127 | 50.0 | 206446.0 | 2.564923 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 545.185421 | 50.0 | 208606.0 | 2.725927 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1304.675036 | 50.0 | 212116.0 | 2.60935 | Y |



## Calibration / trans-1,4-Dichloro-2-butene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

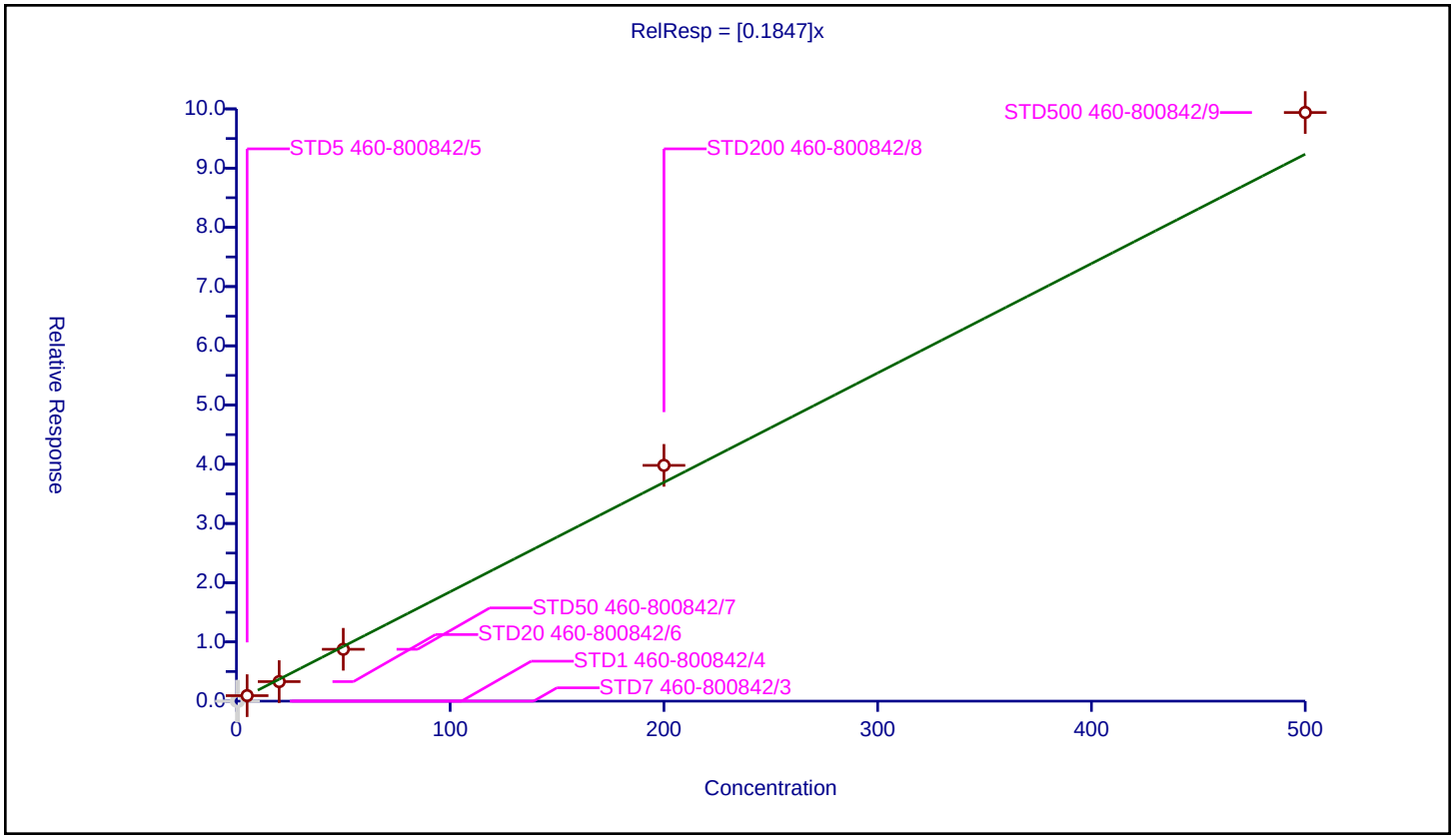
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1847 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 227000 |
| **Relative Standard Error:** | 8.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.0 | 50.0 | 214825.0 | 0.0 | N |
| 3 | STD5 460-800842/5 | 5.0 | 0.928229 | 50.0 | 208300.0 | 0.185646 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 3.296547 | 50.0 | 217470.0 | 0.164827 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 8.758949 | 50.0 | 206446.0 | 0.175179 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 39.811655 | 50.0 | 208606.0 | 0.199058 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 99.386656 | 50.0 | 212116.0 | 0.198773 | Y |



## Calibration / 4-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

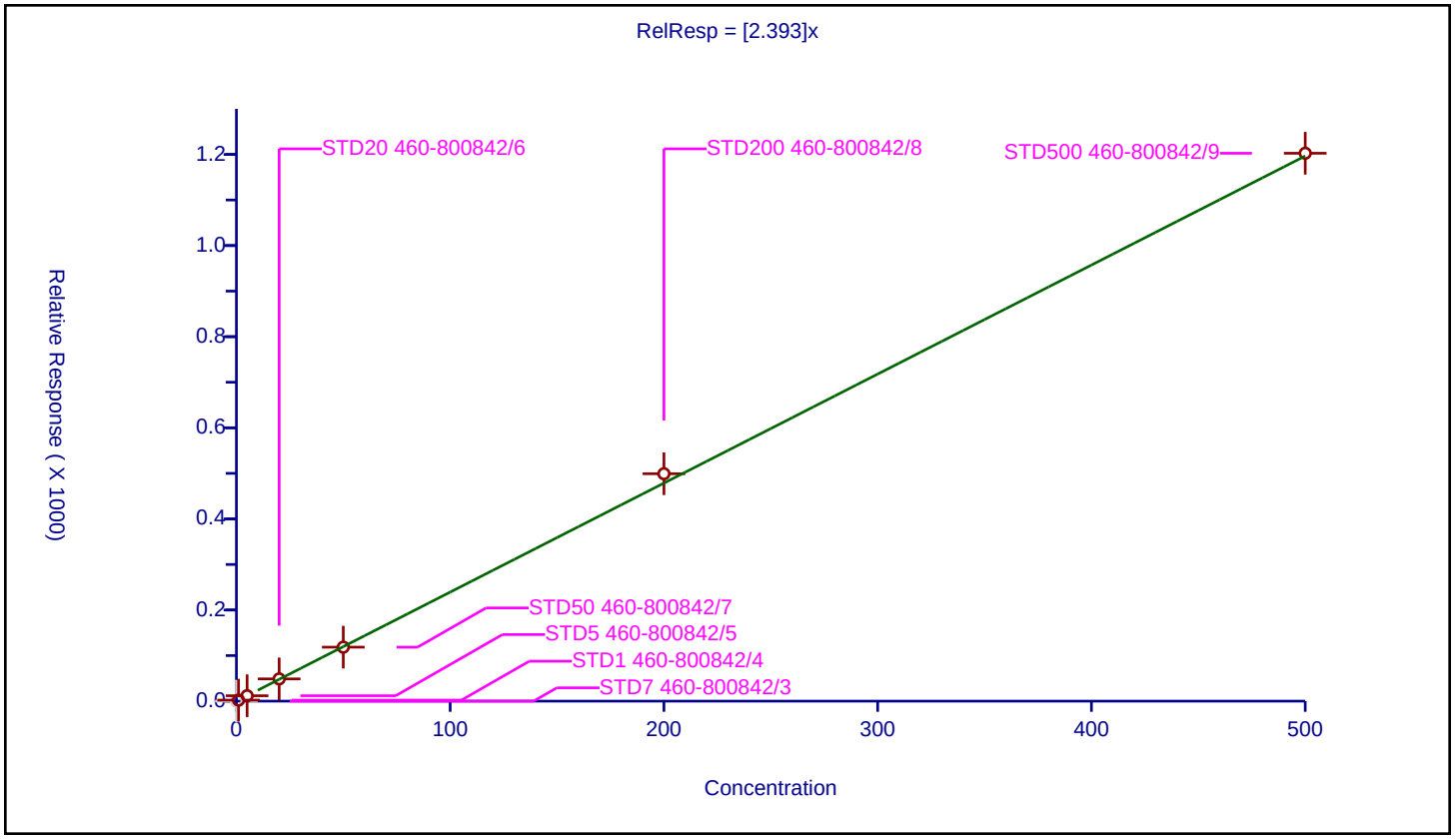
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.393 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2480000 |
| **Relative Standard Error:** | 3.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.27953 | 50.0 | 214825.0 | 2.27953 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 11.832453 | 50.0 | 208300.0 | 2.366491 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 48.841449 | 50.0 | 217470.0 | 2.442072 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 118.478682 | 50.0 | 206446.0 | 2.369574 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 499.173322 | 50.0 | 208606.0 | 2.495867 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1202.611778 | 50.0 | 212116.0 | 2.405224 | Y |



## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

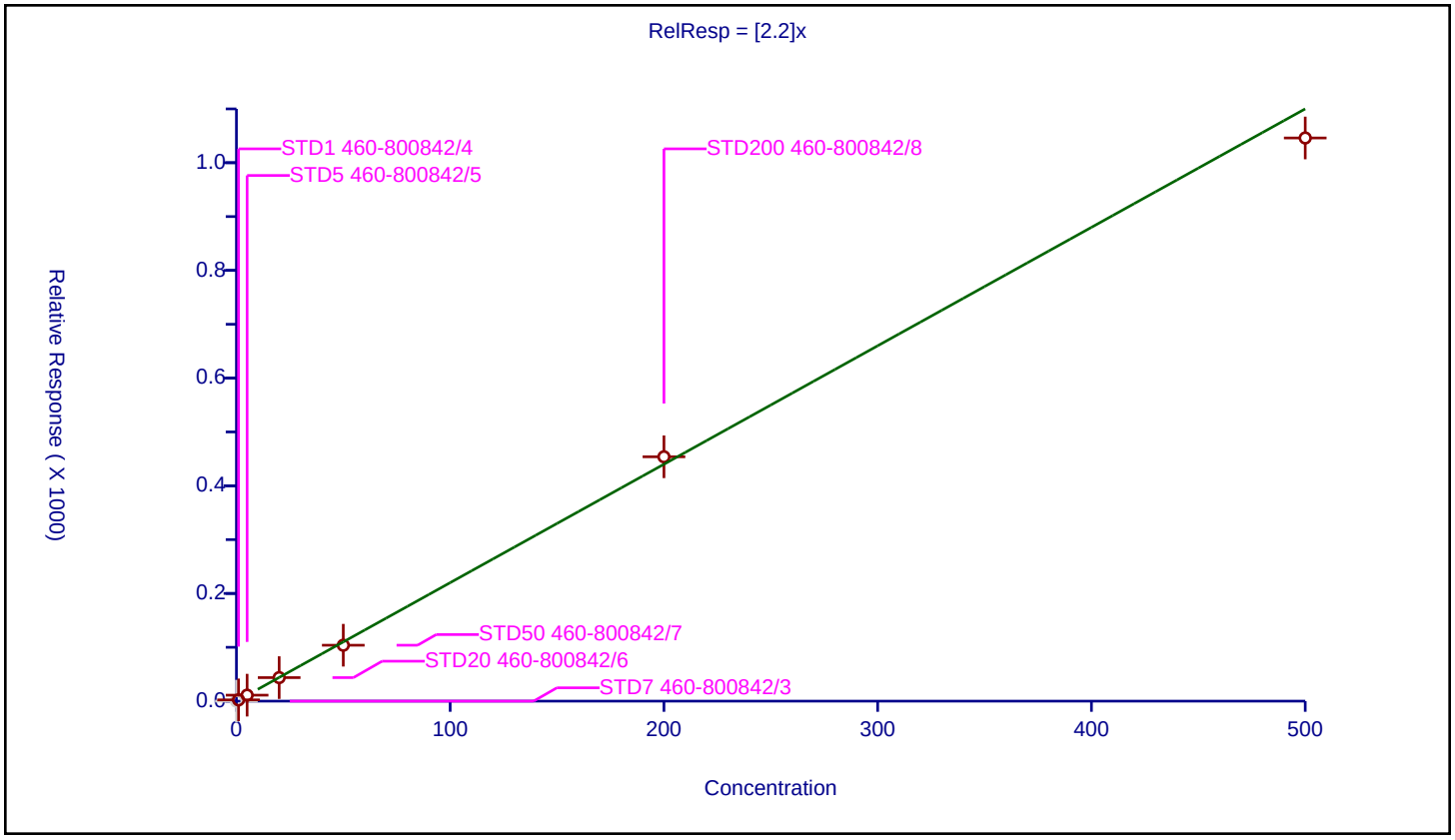
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.2 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2170000 |
| **Relative Standard Error:** | 4.8 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.357035 | 50.0 | 214825.0 | 2.357035 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 11.095295 | 50.0 | 208300.0 | 2.219059 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 43.723732 | 50.0 | 217470.0 | 2.186187 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 103.850886 | 50.0 | 206446.0 | 2.077018 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 453.833303 | 50.0 | 208606.0 | 2.269167 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1046.000302 | 50.0 | 212116.0 | 2.092001 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

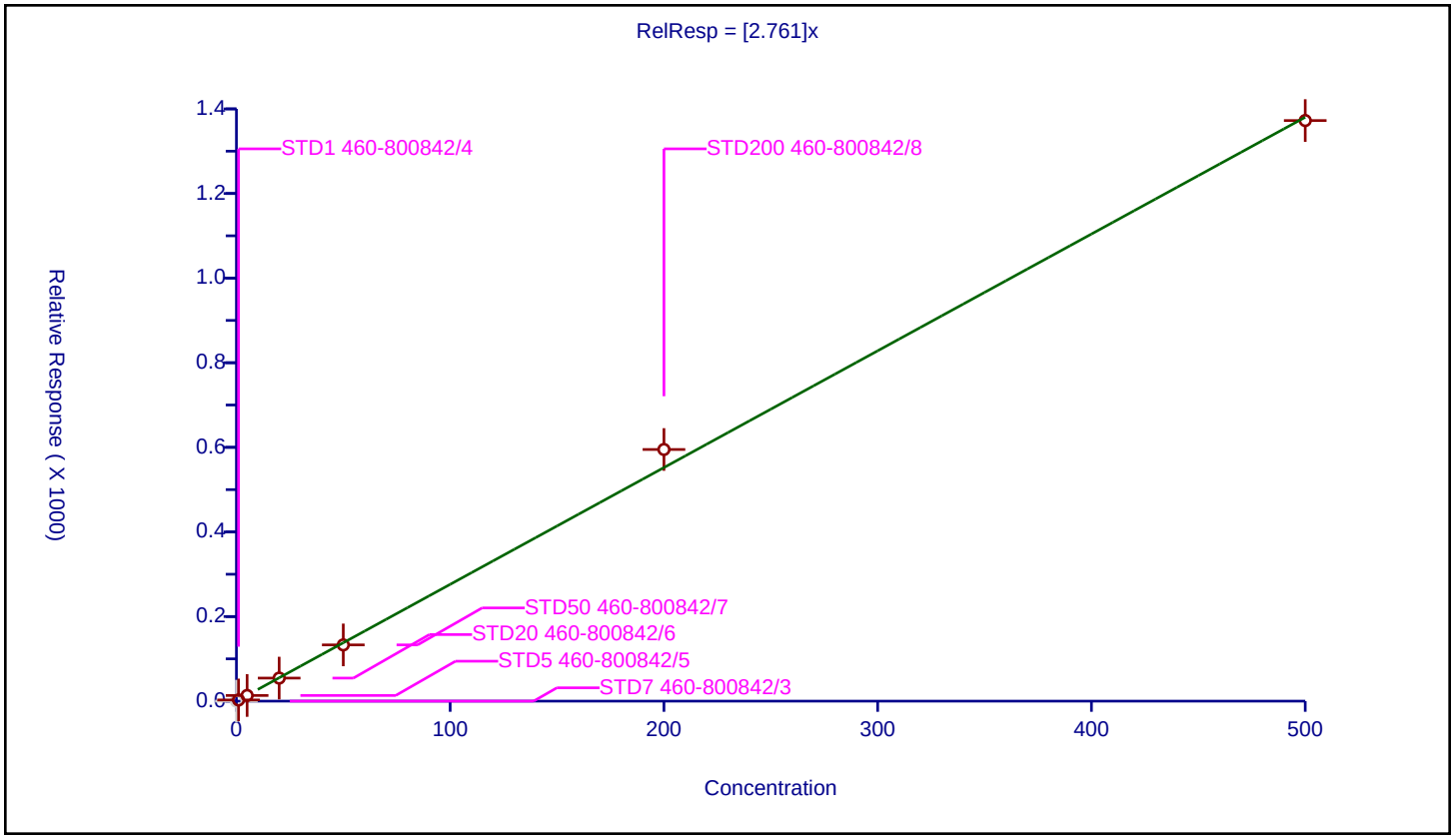
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.761 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2840000 |
| **Relative Standard Error:** | 4.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.781799 | 50.0 | 214825.0 | 2.781799 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 13.403505 | 50.0 | 208300.0 | 2.680701 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 54.460385 | 50.0 | 217470.0 | 2.723019 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 132.932825 | 50.0 | 206446.0 | 2.658657 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 594.851778 | 50.0 | 208606.0 | 2.974259 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1372.393172 | 50.0 | 212116.0 | 2.744786 | Y |



## Calibration / Butyl Methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

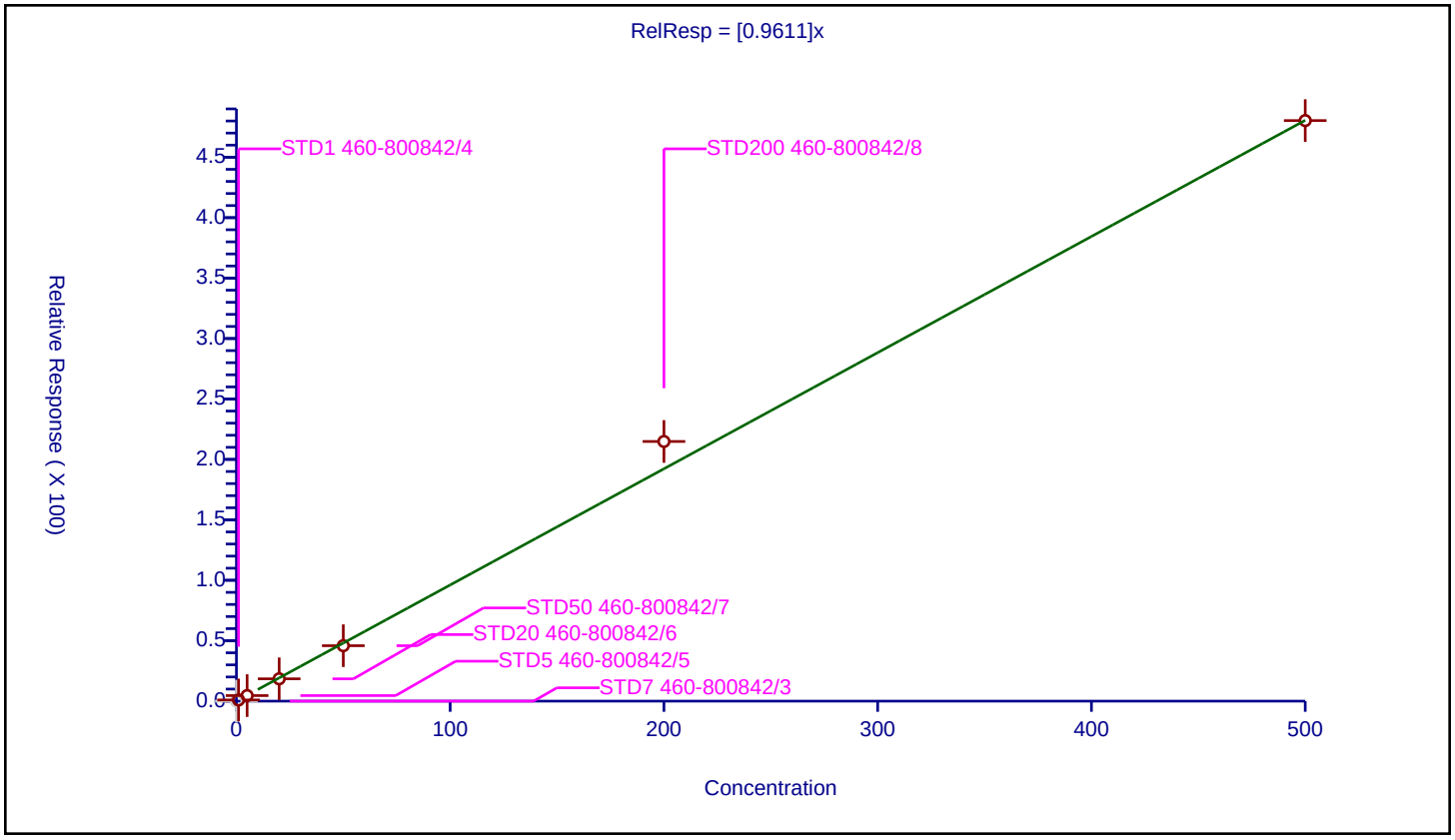
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9611 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1000000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.971023 | 50.0 | 214825.0 | 0.971023 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 4.597216 | 50.0 | 208300.0 | 0.919443 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 18.483009 | 50.0 | 217470.0 | 0.92415 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 45.861872 | 50.0 | 206446.0 | 0.917237 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 214.842095 | 50.0 | 208606.0 | 1.07421 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 480.320909 | 50.0 | 212116.0 | 0.960642 | Y |



## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

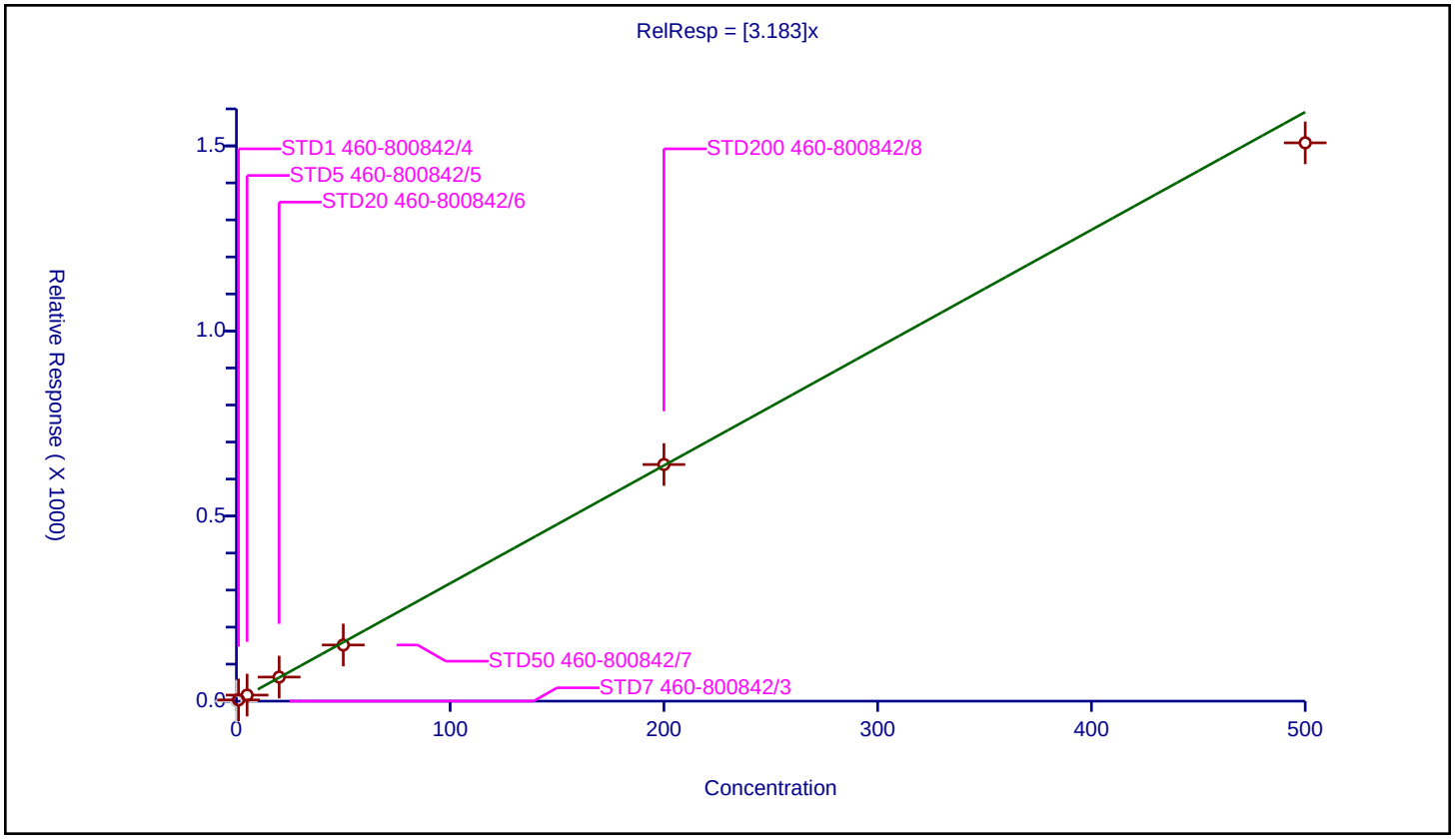
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.183 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3110000 |
| **Relative Standard Error:** | 4.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 3.323868 | 50.0 | 214825.0 | 3.323868 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 16.359097 | 50.0 | 208300.0 | 3.271819 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 65.088518 | 50.0 | 217470.0 | 3.254426 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 151.713281 | 50.0 | 206446.0 | 3.034266 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 639.293453 | 50.0 | 208606.0 | 3.196467 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1508.293339 | 50.0 | 212116.0 | 3.016587 | Y |



## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

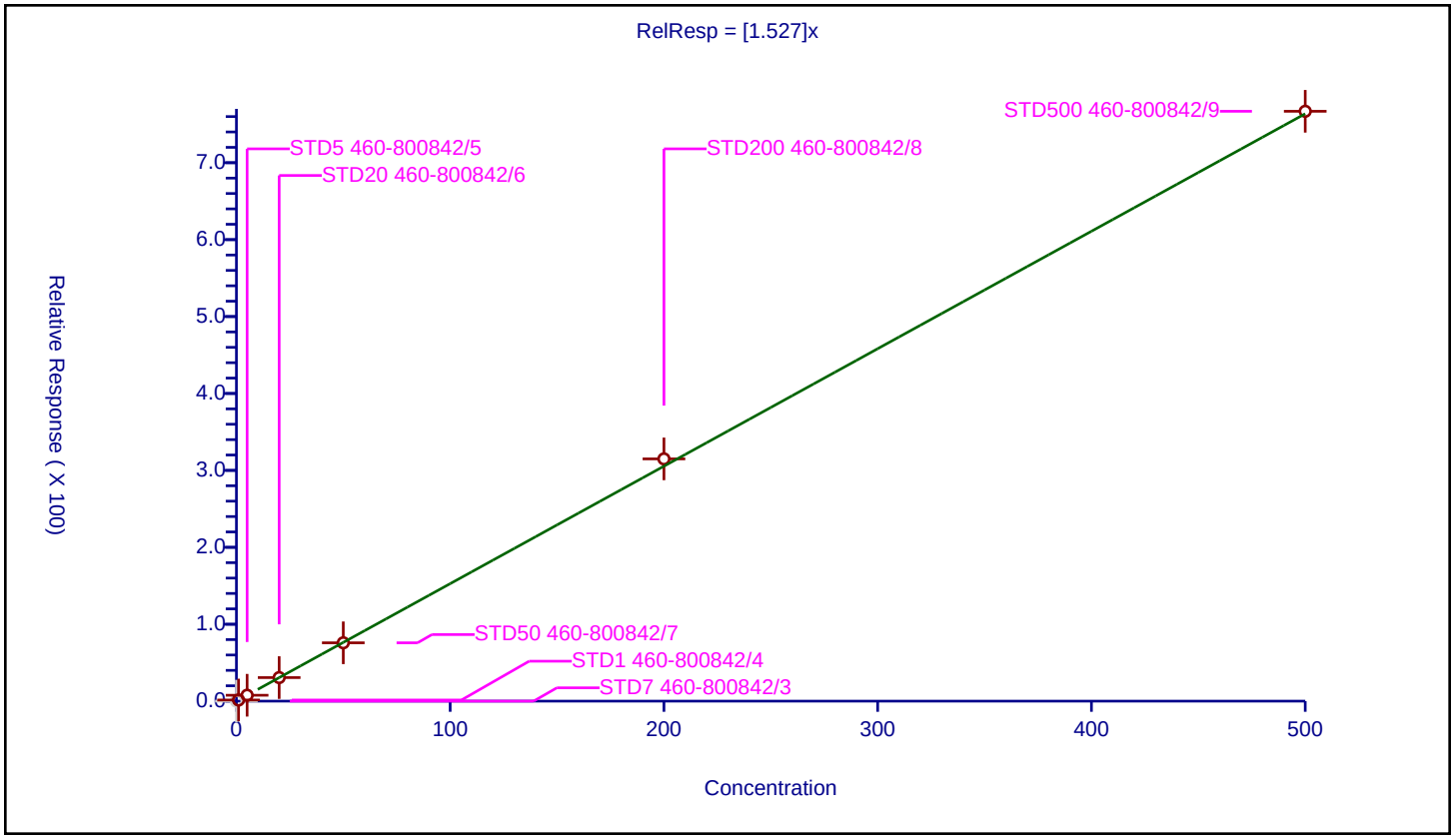
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.527 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1580000 |
| **Relative Standard Error:** | 2.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.470034 | 50.0 | 214825.0 | 1.470034 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 7.68651 | 50.0 | 208300.0 | 1.537302 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 30.611349 | 50.0 | 217470.0 | 1.530567 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 75.867055 | 50.0 | 206446.0 | 1.517341 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 314.968649 | 50.0 | 208606.0 | 1.574843 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 766.898772 | 50.0 | 212116.0 | 1.533798 | Y |



## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

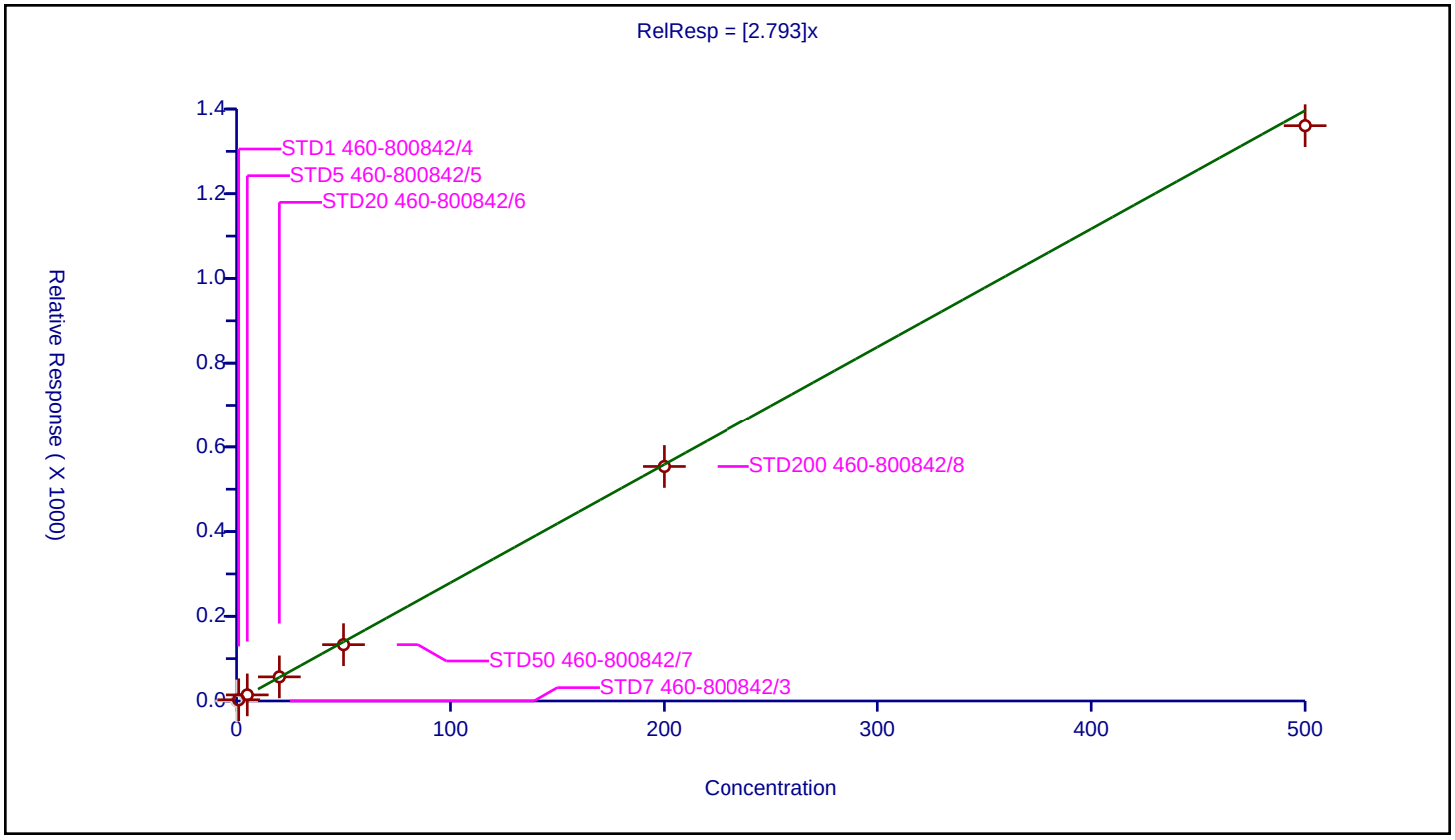
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.793 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2790000 |
| **Relative Standard Error:** | 3.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.880251 | 50.0 | 214825.0 | 2.880251 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 14.398704 | 50.0 | 208300.0 | 2.879741 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 56.937739 | 50.0 | 217470.0 | 2.846887 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 132.980295 | 50.0 | 206446.0 | 2.659606 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 553.697161 | 50.0 | 208606.0 | 2.768486 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1360.673641 | 50.0 | 212116.0 | 2.721347 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

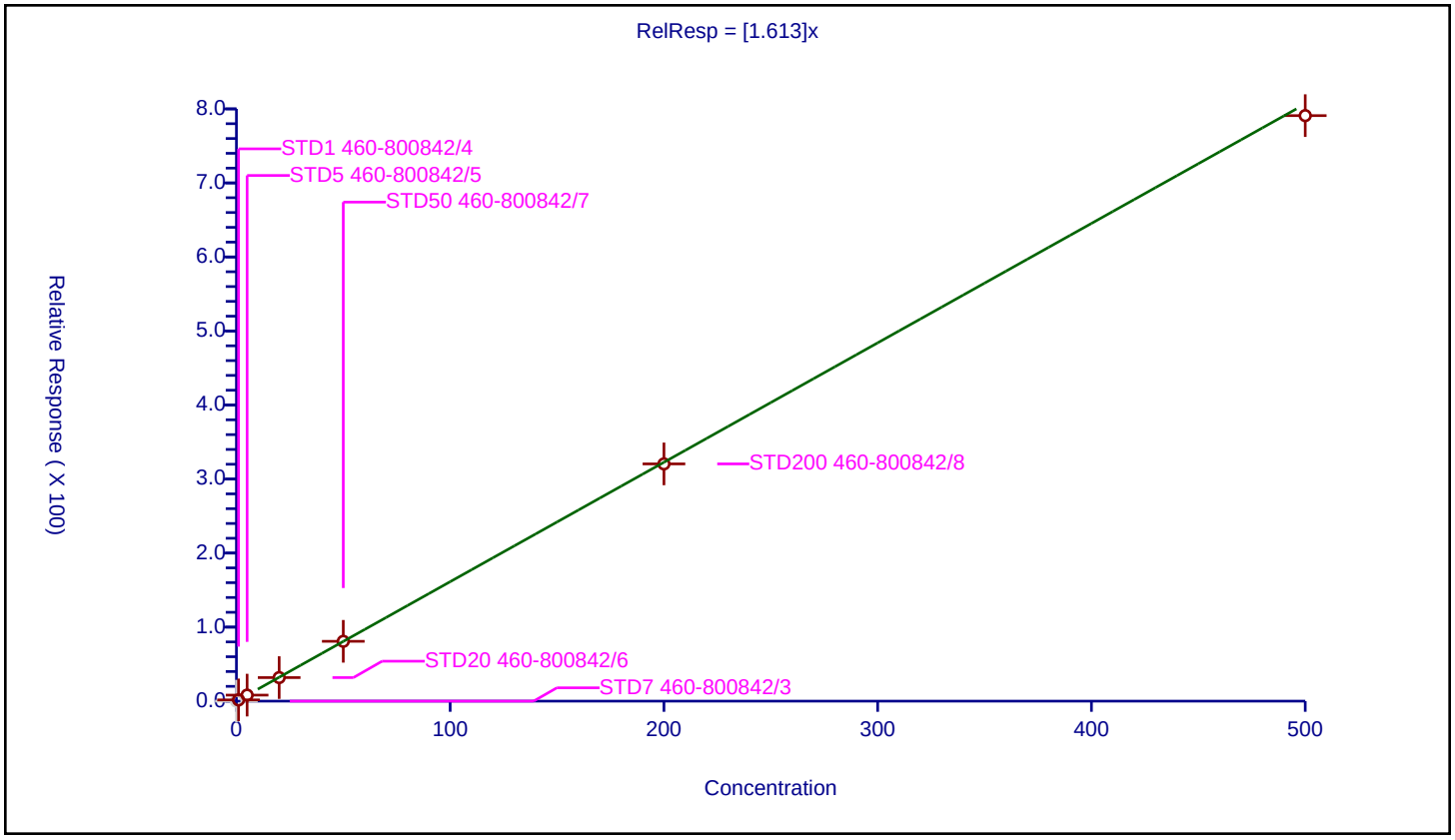
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.613 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1620000 |
| **Relative Standard Error:** | 1.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.661352 | 50.0 | 214825.0 | 1.661352 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 8.137062 | 50.0 | 208300.0 | 1.627412 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 31.809215 | 50.0 | 217470.0 | 1.590461 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 80.819197 | 50.0 | 206446.0 | 1.616384 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 320.453151 | 50.0 | 208606.0 | 1.602266 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 790.902855 | 50.0 | 212116.0 | 1.581806 | Y |



## Calibration / 1,2,3-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

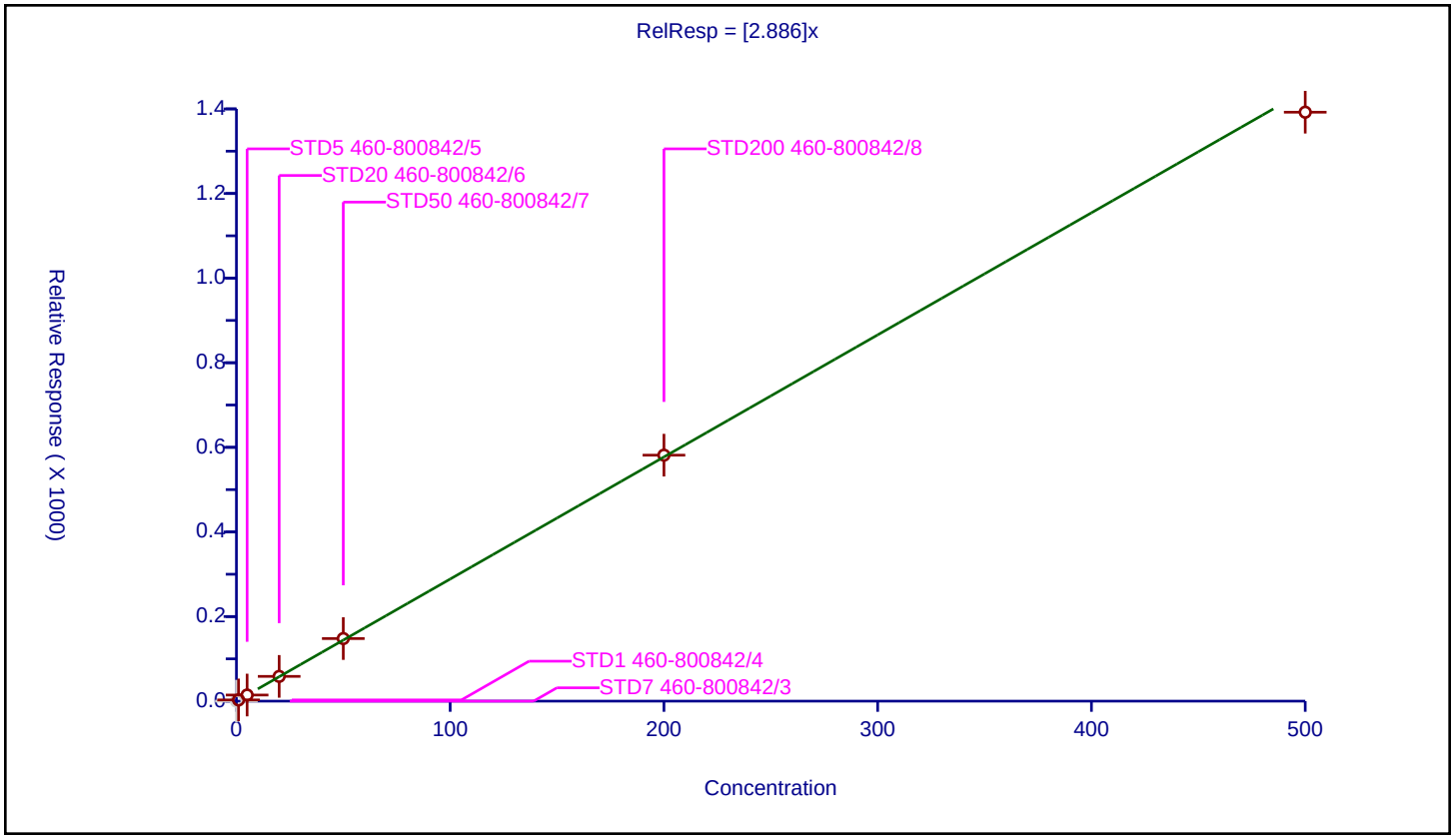
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.886 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2870000 |
| **Relative Standard Error:** | 2.1 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.847667 | 50.0 | 214825.0 | 2.847667 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 14.457753 | 50.0 | 208300.0 | 2.891551 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 58.527153 | 50.0 | 217470.0 | 2.926358 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 147.933842 | 50.0 | 206446.0 | 2.958677 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 581.490945 | 50.0 | 208606.0 | 2.907455 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1392.217466 | 50.0 | 212116.0 | 2.784435 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

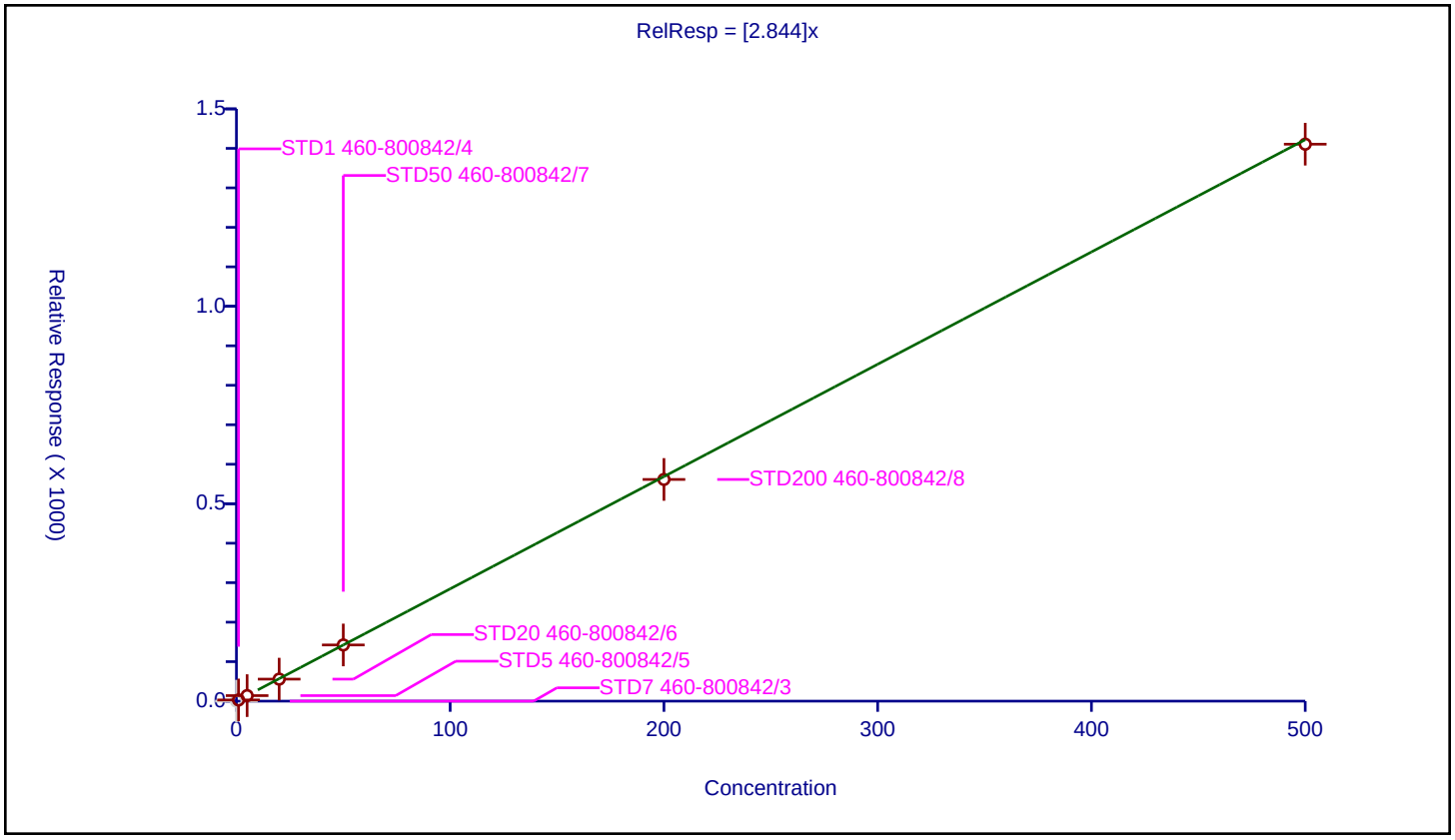
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.844 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2890000 |
| **Relative Standard Error:** | 2.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 3.000349 | 50.0 | 214825.0 | 3.000349 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 14.008161 | 50.0 | 208300.0 | 2.801632 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 55.741022 | 50.0 | 217470.0 | 2.787051 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 142.331167 | 50.0 | 206446.0 | 2.846623 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 561.493198 | 50.0 | 208606.0 | 2.807466 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1410.647476 | 50.0 | 212116.0 | 2.821295 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

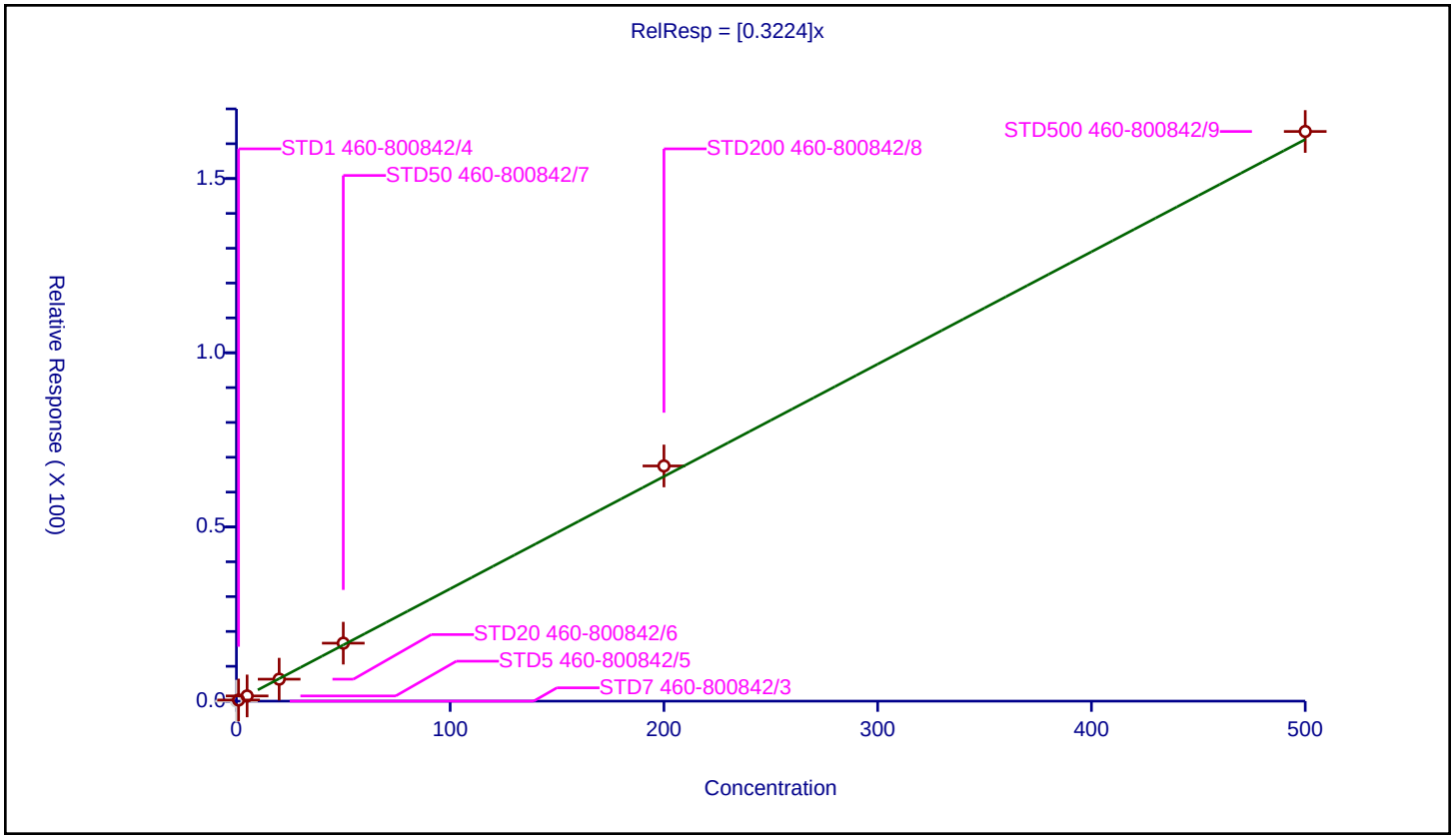
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3224 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 336000 |
| **Relative Standard Error:** | 4.3 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.323519 | 50.0 | 214825.0 | 0.323519 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.493279 | 50.0 | 208300.0 | 0.298656 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 6.303628 | 50.0 | 217470.0 | 0.315181 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 16.63728 | 50.0 | 206446.0 | 0.332746 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 67.507886 | 50.0 | 208606.0 | 0.337539 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 163.519961 | 50.0 | 212116.0 | 0.32704 | Y |



## Calibration / p-Diethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

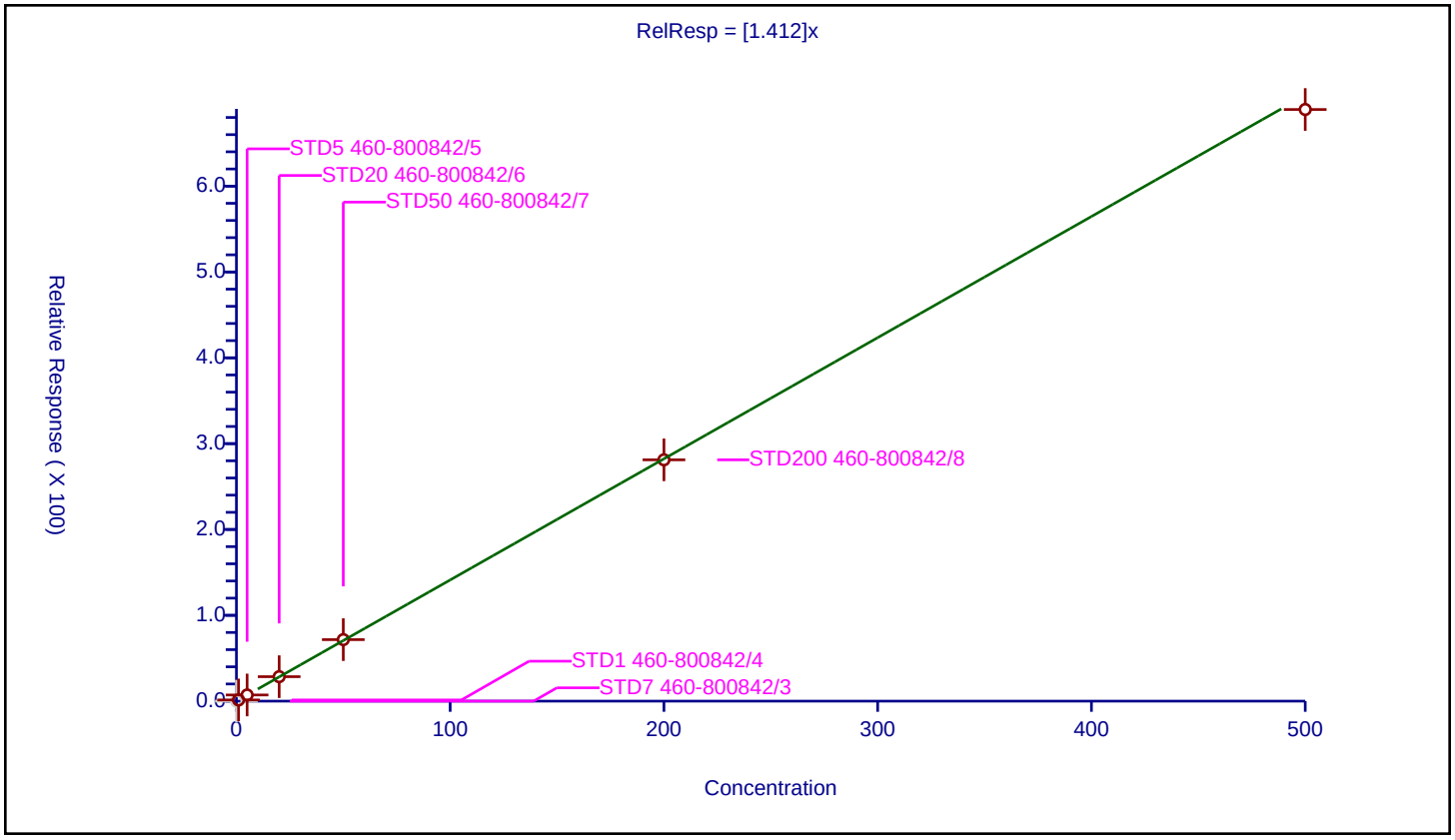
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.412 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1420000 |
| **Relative Standard Error:** | 1.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.390667 | 50.0 | 214825.0 | 1.390667 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 7.178589 | 50.0 | 208300.0 | 1.435718 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 28.515197 | 50.0 | 217470.0 | 1.42576 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 71.663776 | 50.0 | 206446.0 | 1.433276 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 281.145077 | 50.0 | 208606.0 | 1.405725 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 689.295716 | 50.0 | 212116.0 | 1.378591 | Y |



## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

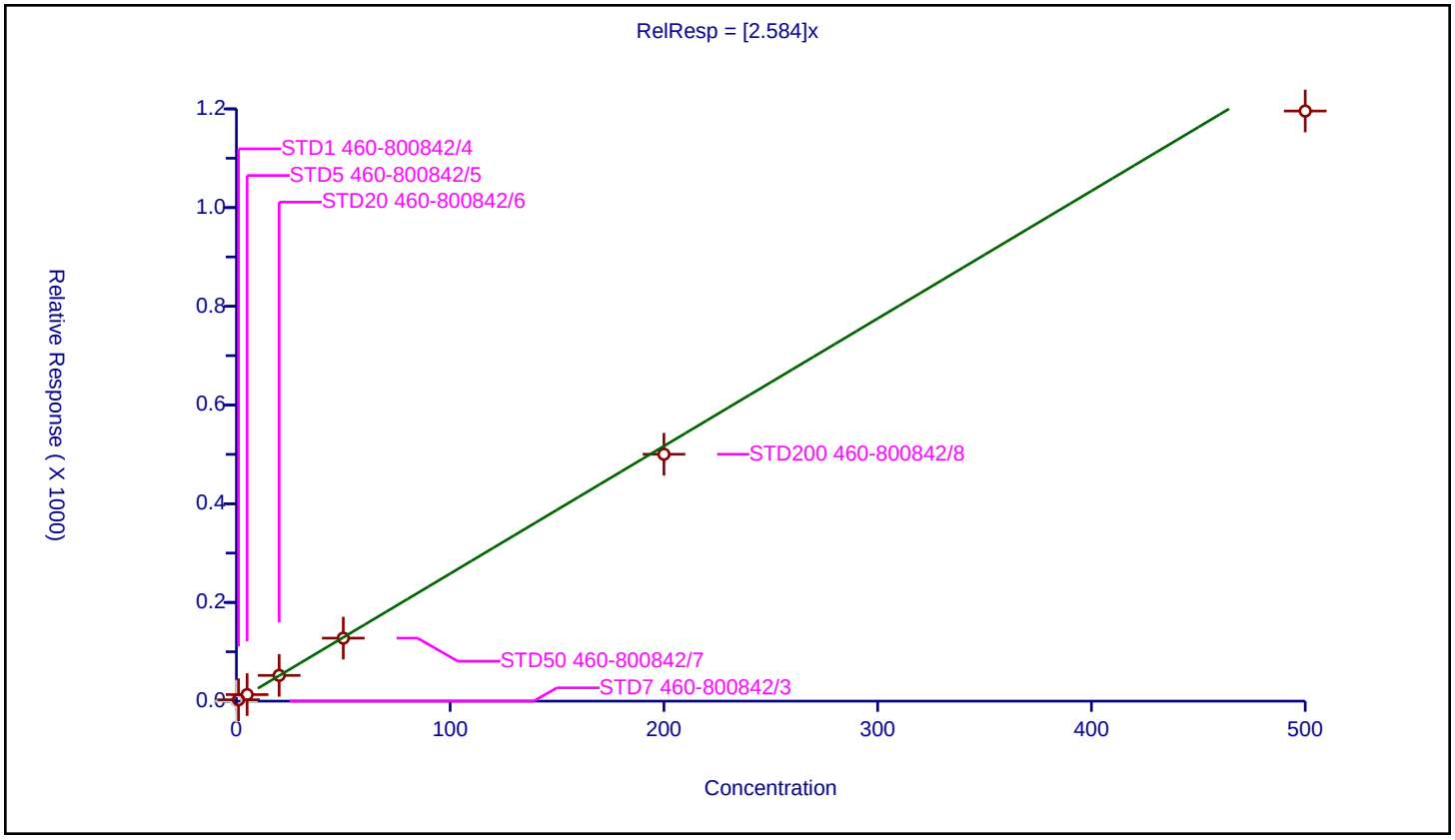
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.584 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2470000 |
| **Relative Standard Error:** | 5.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.801815 | 50.0 | 214825.0 | 2.801815 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 13.256841 | 50.0 | 208300.0 | 2.651368 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 52.141215 | 50.0 | 217470.0 | 2.607061 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 127.633618 | 50.0 | 206446.0 | 2.552672 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 500.241843 | 50.0 | 208606.0 | 2.501209 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1195.660629 | 50.0 | 212116.0 | 2.391321 | Y |



## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

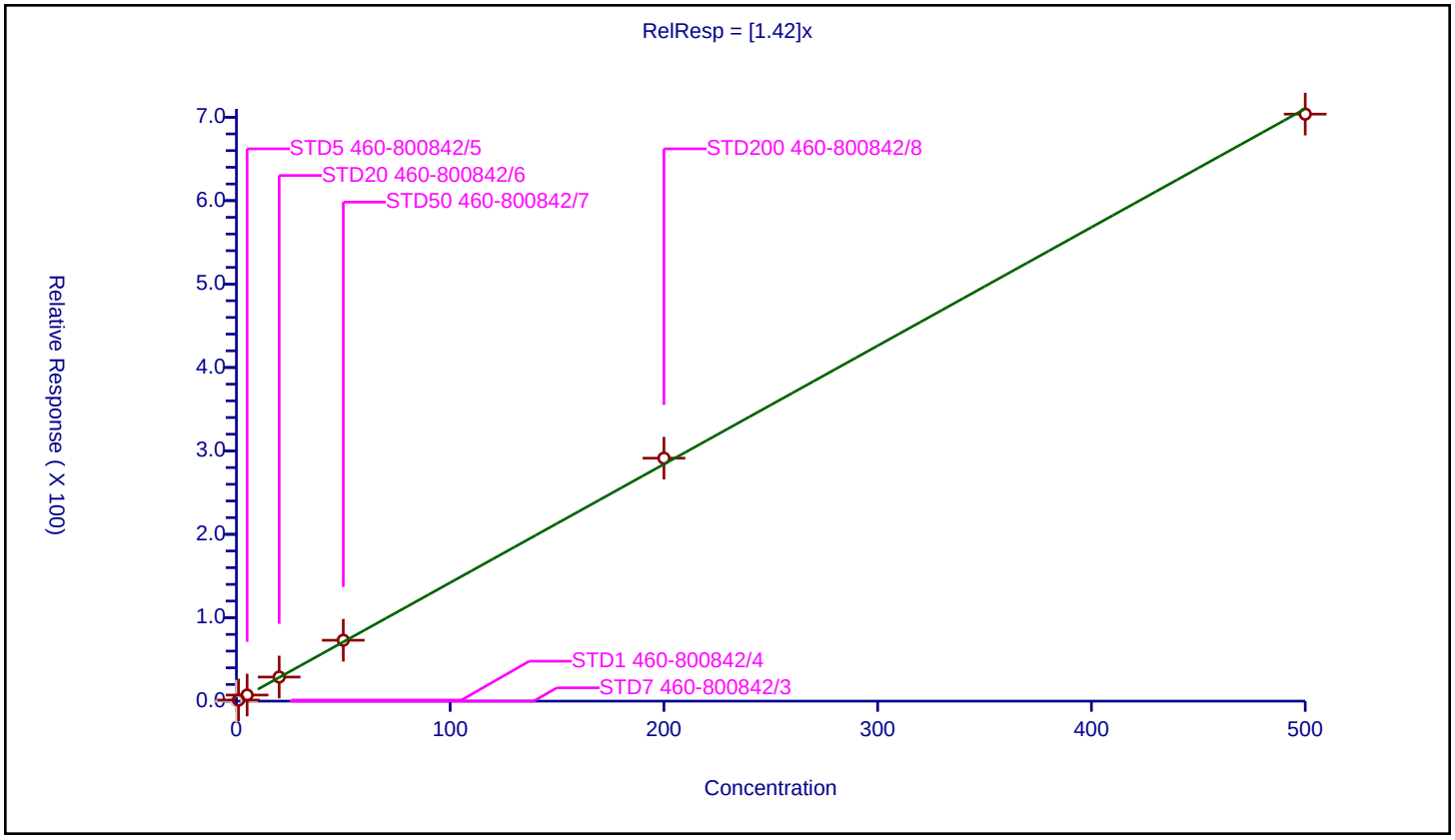
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.42 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1450000 |
| **Relative Standard Error:** | 4.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.297102 | 50.0 | 214825.0 | 1.297102 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 7.285646 | 50.0 | 208300.0 | 1.457129 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 28.865821 | 50.0 | 217470.0 | 1.443291 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 72.999719 | 50.0 | 206446.0 | 1.459994 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 291.29004 | 50.0 | 208606.0 | 1.45645 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 703.748421 | 50.0 | 212116.0 | 1.407497 | Y |



## Calibration / 1,2,4,5-Tetramethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

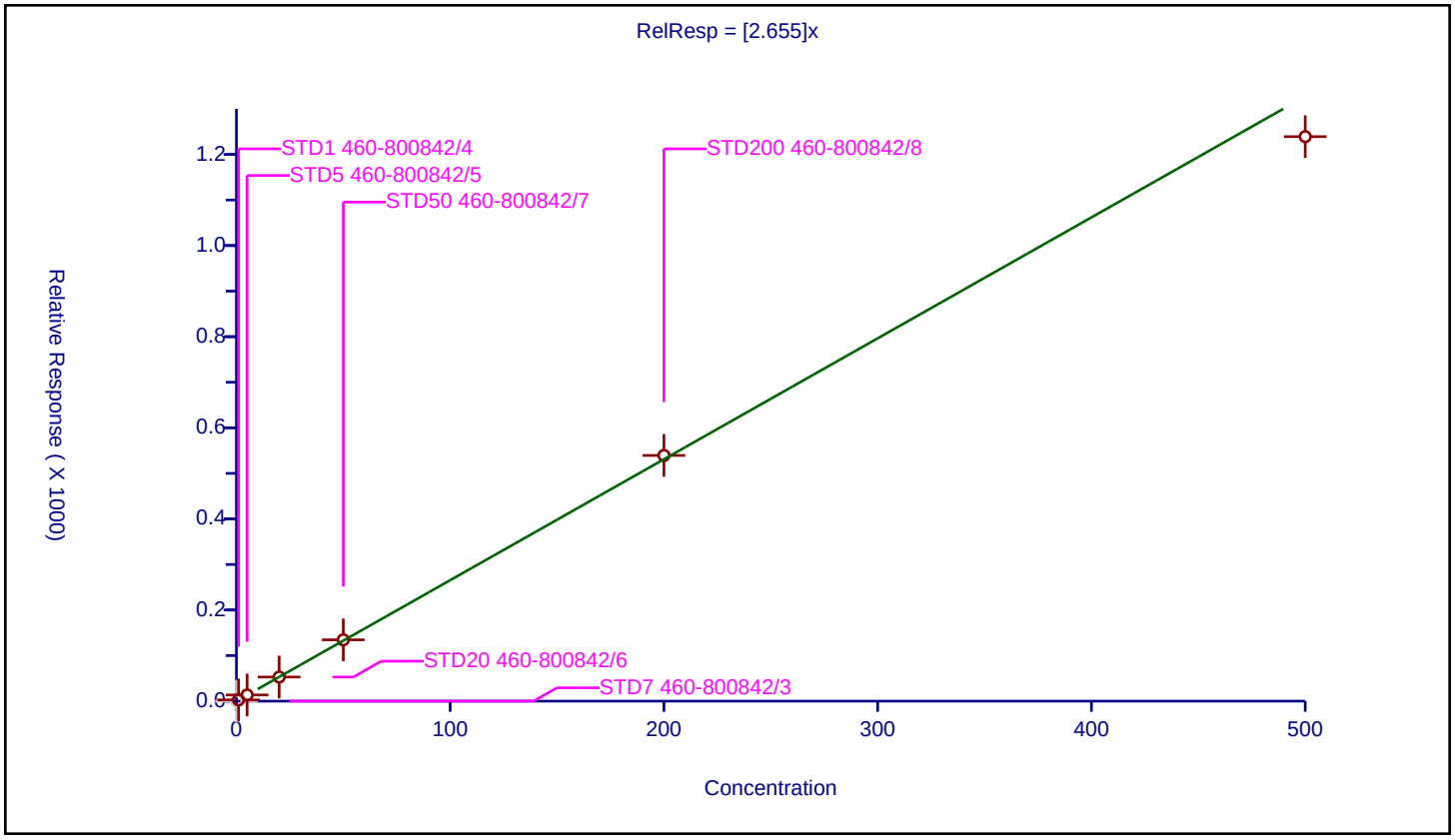
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.655 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2570000 |
| **Relative Standard Error:** | 3.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 2.692657 | 50.0 | 214825.0 | 2.692657 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 13.608257 | 50.0 | 208300.0 | 2.721651 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 52.918563 | 50.0 | 217470.0 | 2.645928 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 134.617769 | 50.0 | 206446.0 | 2.692355 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 539.343787 | 50.0 | 208606.0 | 2.696719 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 1239.065888 | 50.0 | 212116.0 | 2.478132 | Y |



## Calibration / 1,2-Dibromo-3-Chloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

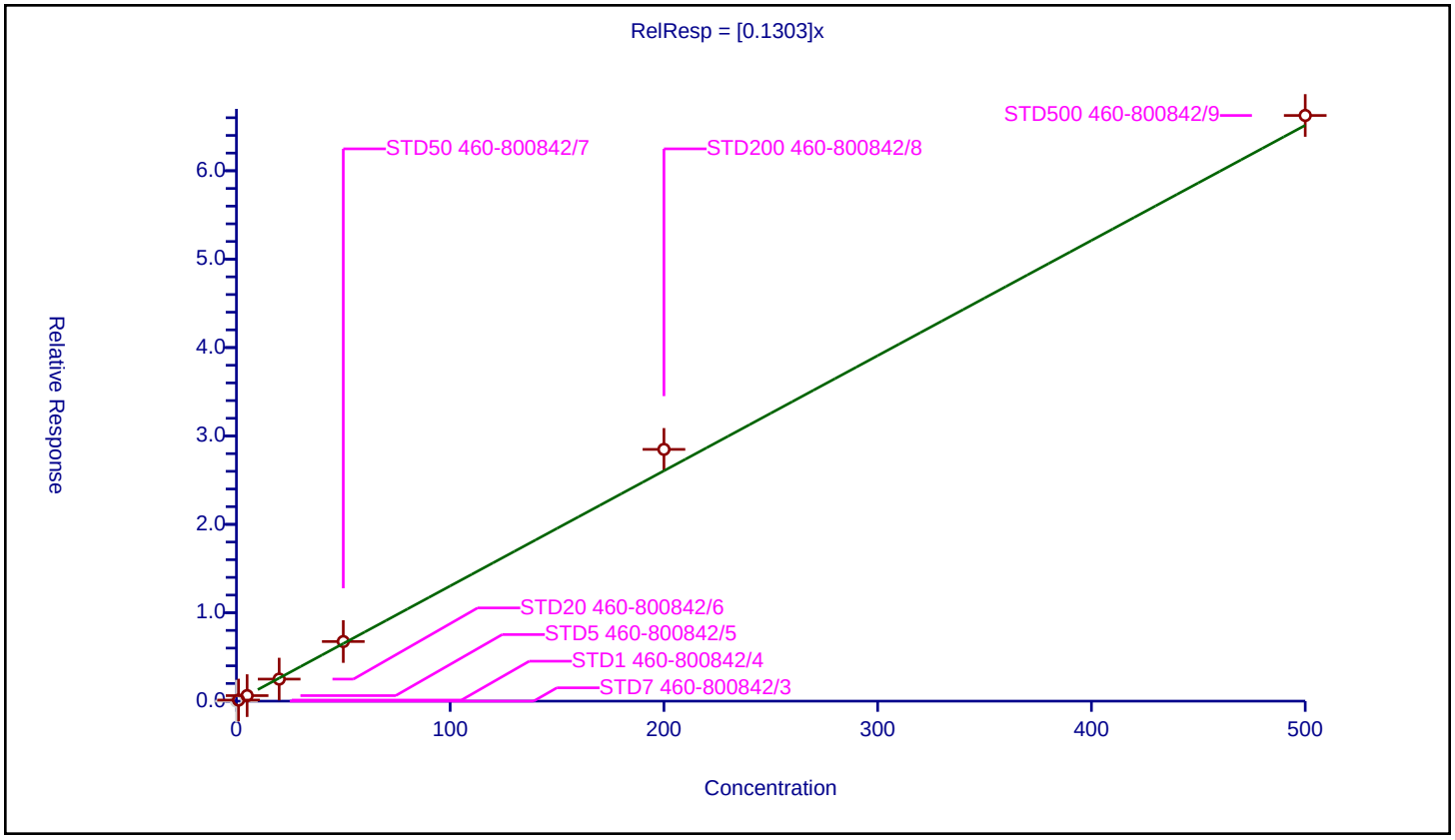
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1303 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 137000 |
| **Relative Standard Error:** | 5.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.122192 | 50.0 | 214825.0 | 0.122192 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 0.6253 | 50.0 | 208300.0 | 0.12506 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 2.493677 | 50.0 | 217470.0 | 0.124684 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 6.74341 | 50.0 | 206446.0 | 0.134868 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 28.482402 | 50.0 | 208606.0 | 0.142412 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 66.255257 | 50.0 | 212116.0 | 0.132511 | Y |



## Calibration / 1,3,5-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

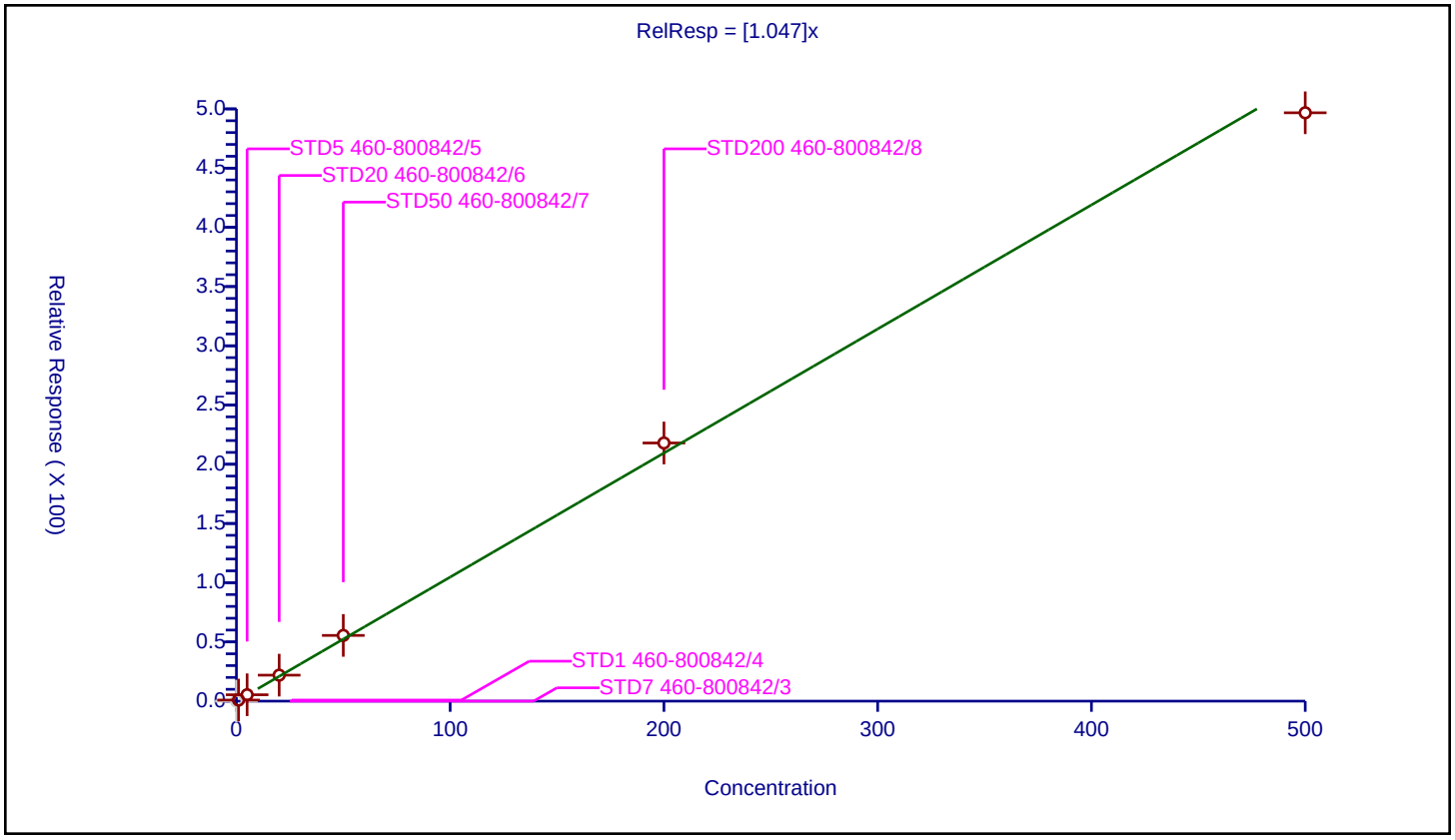
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.047 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1030000 |
| **Relative Standard Error:** | 7.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.919586 | 50.0 | 214825.0 | 0.919586 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 5.37446 | 50.0 | 208300.0 | 1.074892 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 21.936819 | 50.0 | 217470.0 | 1.096841 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 55.473586 | 50.0 | 206446.0 | 1.109472 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 217.938602 | 50.0 | 208606.0 | 1.089693 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 496.713826 | 50.0 | 212116.0 | 0.993428 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

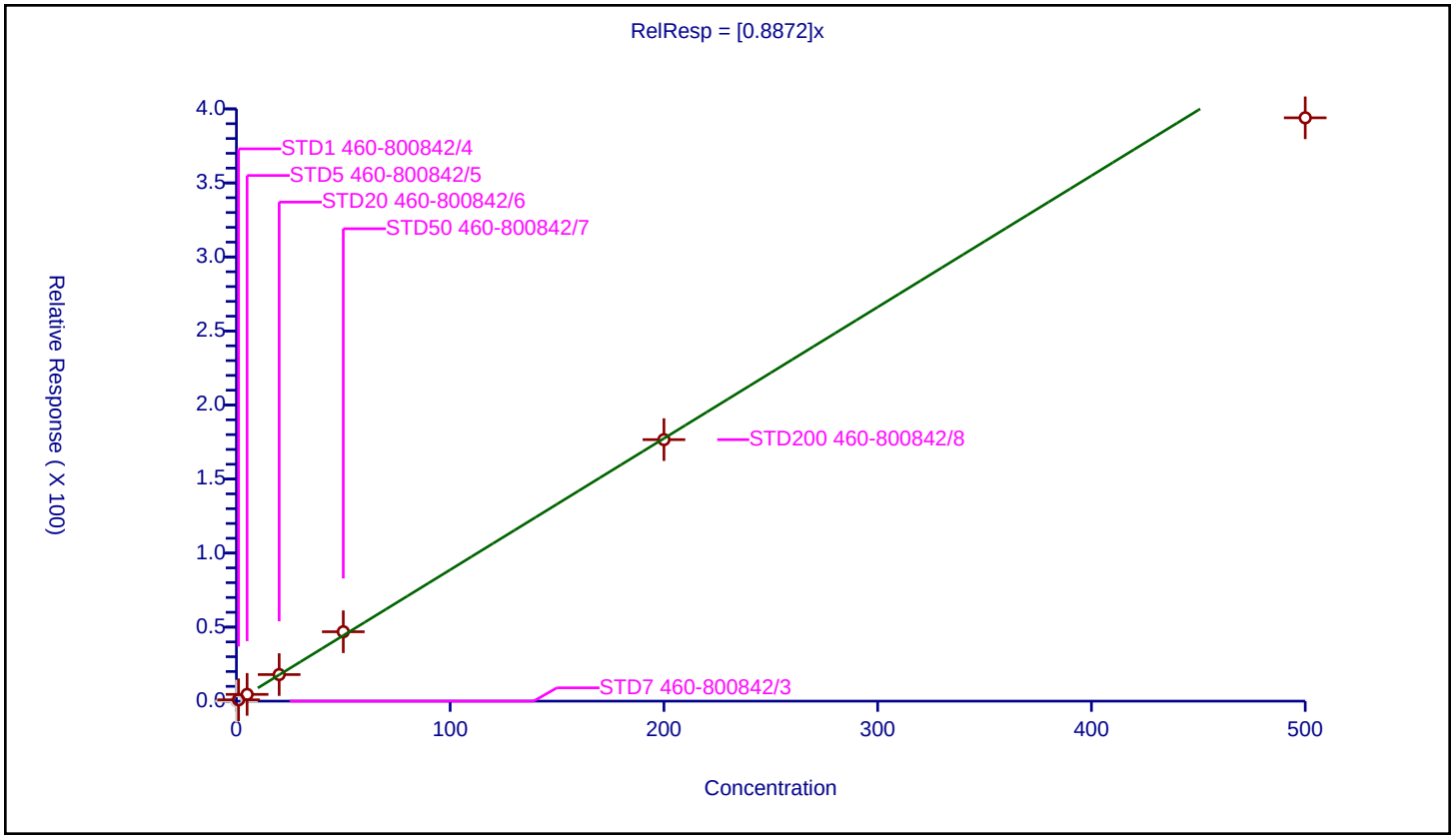
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8872 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 822000 |
| **Relative Standard Error:** | 5.8 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.906785 | 50.0 | 214825.0 | 0.906785 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 4.556169 | 50.0 | 208300.0 | 0.911234 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 17.936497 | 50.0 | 217470.0 | 0.896825 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 46.86286 | 50.0 | 206446.0 | 0.937257 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 176.610452 | 50.0 | 208606.0 | 0.883052 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 393.979002 | 50.0 | 212116.0 | 0.787958 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

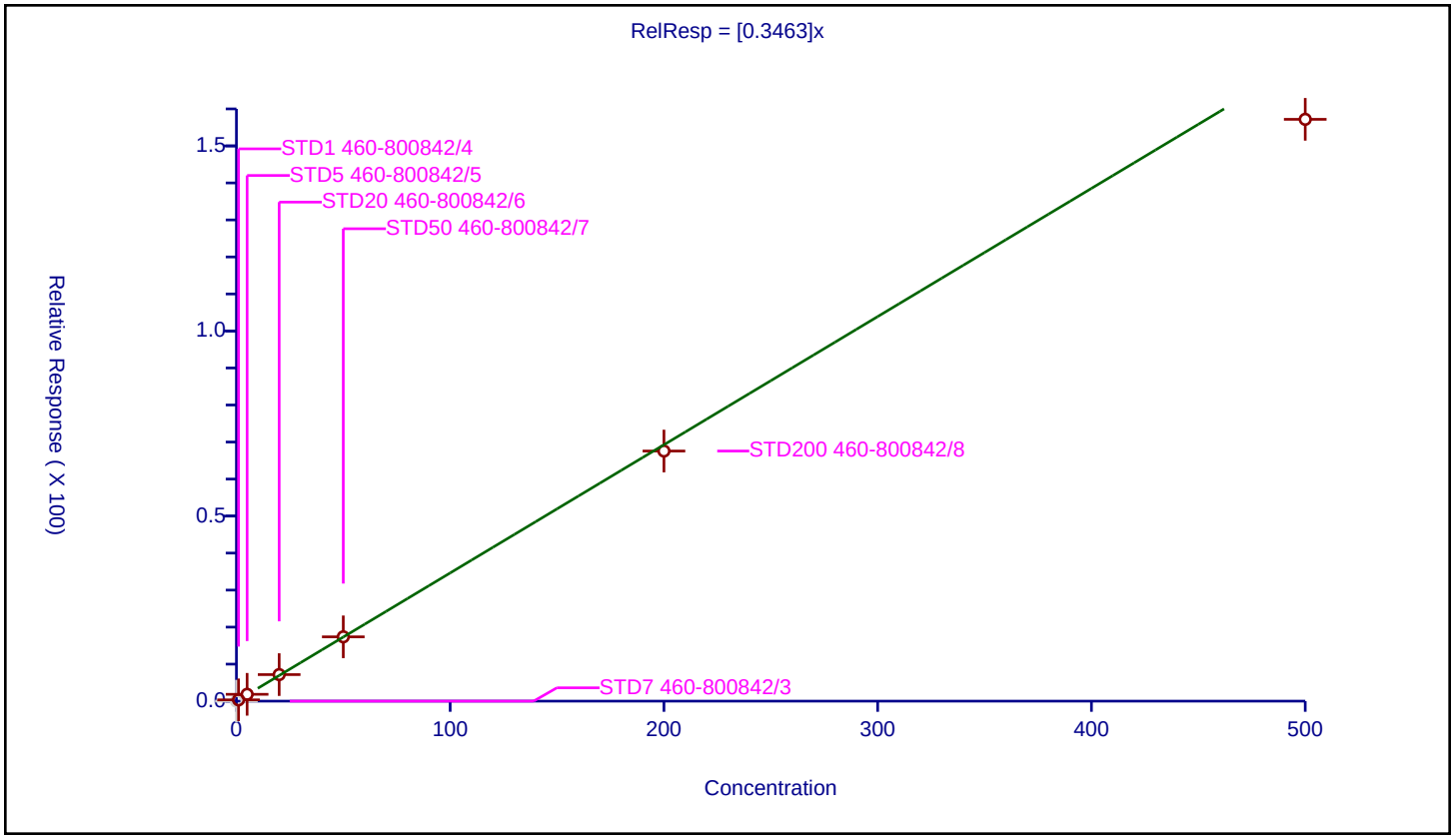
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3463 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 326000 |
| **Relative Standard Error:** | 5.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.350285 | 50.0 | 214825.0 | 0.350285 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 1.845655 | 50.0 | 208300.0 | 0.369131 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 7.173173 | 50.0 | 217470.0 | 0.358659 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 17.375246 | 50.0 | 206446.0 | 0.347505 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 67.571163 | 50.0 | 208606.0 | 0.337856 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 157.177676 | 50.0 | 212116.0 | 0.314355 | Y |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

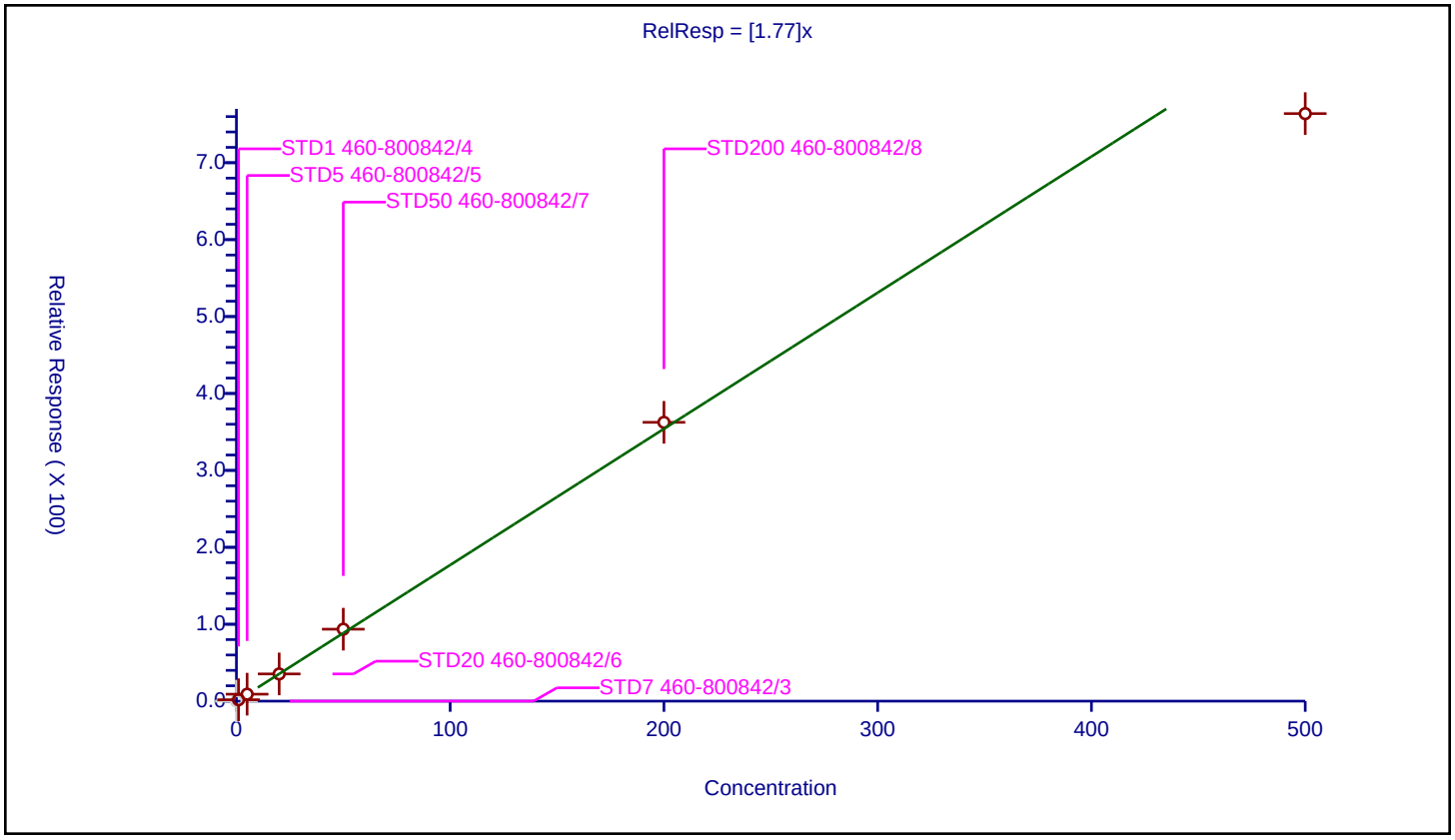
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.77 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1610000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 1.832887 | 50.0 | 214825.0 | 1.832887 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 9.038886 | 50.0 | 208300.0 | 1.807777 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 35.364648 | 50.0 | 217470.0 | 1.768232 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 93.559575 | 50.0 | 206446.0 | 1.871191 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 362.502517 | 50.0 | 208606.0 | 1.812513 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 763.877077 | 50.0 | 212116.0 | 1.527754 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

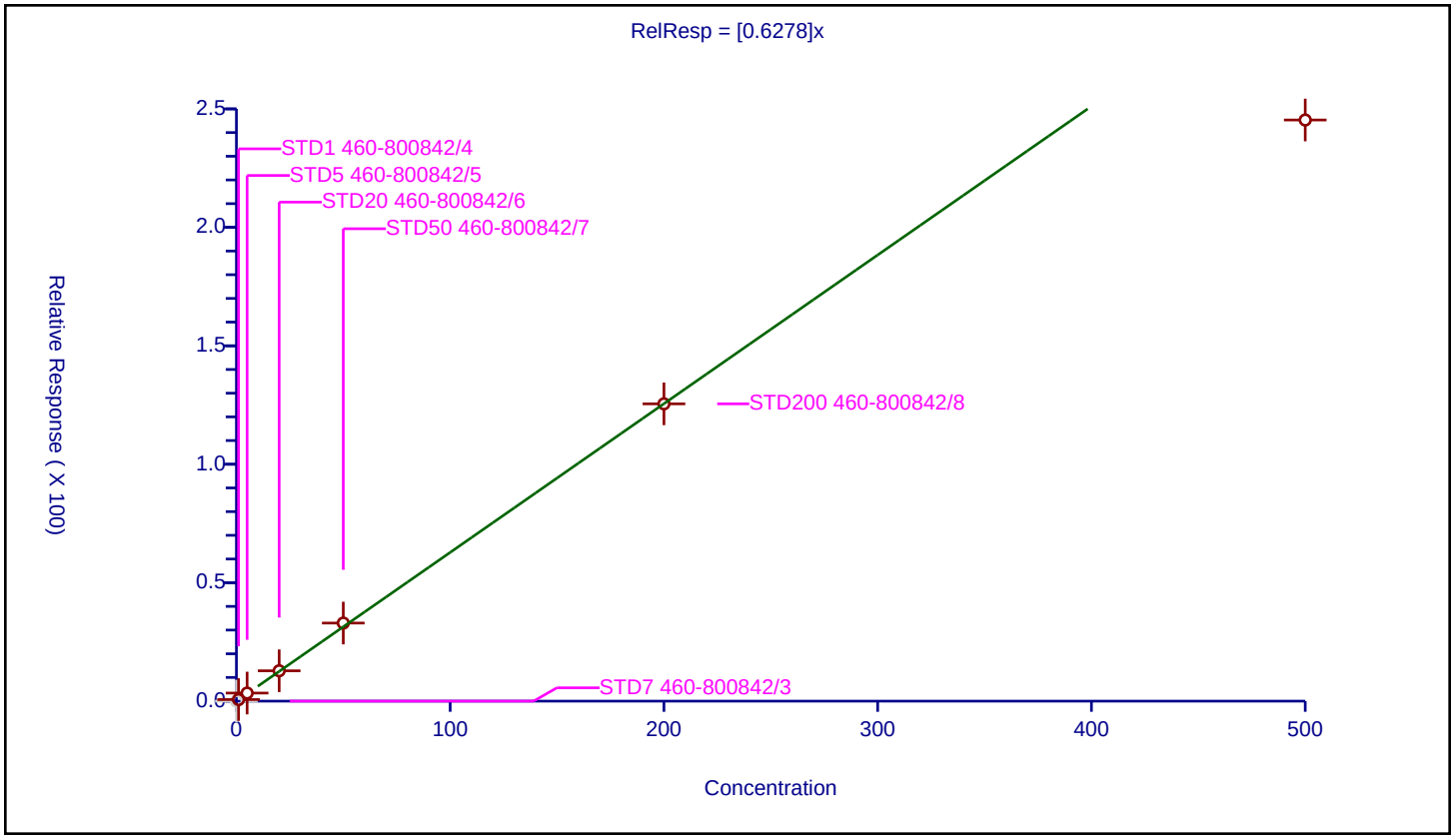
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6278 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 525000 |
| **Relative Standard Error:** | 11.1 |
| **Correlation Coefficient:** | 0.990 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-800842/3 | 0.0 | 0.0 | 50.0 | 207470.0 | NaN | N |
| 2 | STD1 460-800842/4 | 1.0 | 0.666589 | 50.0 | 214825.0 | 0.666589 | Y |
| 3 | STD5 460-800842/5 | 5.0 | 3.411186 | 50.0 | 208300.0 | 0.682237 | Y |
| 4 | STD20 460-800842/6 | 20.0 | 12.812342 | 50.0 | 217470.0 | 0.640617 | Y |
| 5 | STD50 460-800842/7 | 50.0 | 32.953654 | 50.0 | 206446.0 | 0.659073 | Y |
| 6 | STD200 460-800842/8 | 200.0 | 125.502862 | 50.0 | 208606.0 | 0.627514 | Y |
| 7 | STD500 460-800842/9 | 500.0 | 245.314356 | 50.0 | 212116.0 | 0.490629 | Y |



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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD8 460-802292/2 | V07730.D |
| Level 2 | STD05 460-802292/16 | V07744.D |
| Level 3 | STD1 460-802292/5 | V07733.D |
| Level 4 | STD5 460-802292/6 | V07734.D |
| Level 5 | STD20 460-802292/7 | V07735.D |
| Level 6 | STD50 460-802292/8 | V07736.D |
| Level 7 | STD200 460-802292/9 | V07737.D |
| Level 8 | STD500 460-802292/10 | V07738.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlorotrifluoroethene | +++++ 0.2219 | 0.3434 0.2115 | 0.2264 0.1763 | 0.2199 | 0.2162 | QuaF | | 0.2336 | -0.000115 | | | | | | 1.0000 | | 0.9900 |
| Dichlorodifluoromethane | +++++ 0.4564 | 0.4528 0.6864 | 0.4890 0.6572 | 0.4325 | 0.5283 | Ave | | 0.5289 | | | 0.1000 | 19.4 | | 20.0 | | | |
| Chlorodifluoromethane | +++++ 0.0912 | 0.1018 0.0882 | 0.1187 0.0823 | 0.1021 | 0.0962 | Ave | | 0.0972 | | | | 12.2 | | 20.0 | | | |
| Chloromethane | +++++ 0.4601 | 0.5611 0.5542 | 0.5495 0.5504 | 0.4732 | 0.4919 | Ave | | 0.5200 | | | 0.1000 | 8.3 | | 20.0 | | | |
| Vinyl chloride | +++++ 0.5690 | 0.5204 0.7004 | 0.6416 0.6843 | 0.5548 | 0.6347 | Ave | | 0.6150 | | | 0.1000 | 11.1 | | 20.0 | | | |
| Butadiene | 0.5693 0.5521 | 0.5882 0.6544 | 0.5937 0.6717 | 0.5143 | 0.5746 | Ave | | 0.5898 | | | | 8.8 | | 20.0 | | | |
| Bromomethane | +++++ 0.4167 | 0.4779 0.4485 | 0.3659 0.3166 | 0.4044 | 0.4279 | Ave | | 0.4083 | | | 0.1000 | 13.1 | | 20.0 | | | |
| Chloroethane | +++++ 0.3897 | 0.3935 0.4264 | 0.3942 0.3877 | 0.3844 | 0.3961 | Ave | | 0.3960 | | | 0.1000 | 3.5 | | 20.0 | | | |
| Dichlorofluoromethane | +++++ 0.8056 | 0.8504 0.9318 | 0.7022 0.9707 | 0.7012 | 0.7744 | Ave | | 0.8195 | | | | 12.8 | | 20.0 | | | |
| Trichlorofluoromethane | +++++ 0.7399 | 0.8491 0.8636 | 0.6533 0.8234 | 0.6261 | 0.7300 | Ave | | 0.7551 | | | 0.1000 | 12.5 | | 20.0 | | | |
| Pentane | +++++ 0.0842 | 0.1071 0.0872 | 0.0923 0.0976 | 0.0767 | 0.0853 | Ave | | 0.0901 | | | | 11.1 | | 20.0 | | | |
| Ethanol | +++++ 0.5326 | 0.7607 0.5141 | 0.6321 0.5470 | 0.4669 | 0.5302 | Ave | | 0.5691 | | | | 17.2 | | 20.0 | | | |
| Ethyl ether | +++++ 0.2741 | 0.3029 0.2981 | 0.2533 0.3162 | 0.2555 | 0.2584 | Ave | | 0.2798 | | | | 9.2 | | 20.0 | | | |

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 2-Methyl-1,3-butadiene | +++++ 0.4231 | 0.4563 0.4915 | 0.3510 0.5473 | 0.3957 | 0.4138 | Ave | | 0.4398 | | | | 14.8 | | 20.0 | | | |
| 1,2-Dichloro-1,1,2-trifluoroethane | +++++ 0.4066 | 0.4581 0.4450 | 0.4180 0.4034 | 0.3925 | 0.4112 | Ave | | 0.4193 | | | | 5.6 | | 20.0 | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | +++++ 0.6707 | 0.5537 0.7361 | 0.6173 0.7468 | 0.6342 | 0.6560 | Ave | | 0.6593 | | | | 10.2 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | +++++ 0.4284 | 0.4974 0.4982 | 0.4095 0.5150 | 0.3902 | 0.4298 | Ave | | 0.4526 | | | 0.1000 | 11.0 | | 20.0 | | | |
| Acrolein | +++++ 10.693 | 11.856 13.111 | 11.997 15.169 | 8.4919 | 11.076 | Ave | | 11.771 | | | | 17.6 | | 20.0 | | | |
| 1,1-Dichloroethene | +++++ 0.4249 | 0.4133 0.4794 | 0.4193 0.4911 | 0.3870 | 0.4315 | Ave | | 0.4352 | | | 0.1000 | 8.5 | | 20.0 | | | |
| Acetone | +++++ 1.3649 | 2.1147 1.6640 | 1.7950 1.4712 | 1.4977 | 1.4380 | Ave | | 1.6208 | | | 0.0500 | 16.2 | | 20.0 | | | |
| Iodomethane | +++++ 0.4957 | 0.3930 0.6407 | 0.3255 0.5772 | 0.3735 | 0.4170 | QuaF | | 0.6524 | -0.000148 | | | | | | 0.9990 | | 0.9900 |
| Isopropyl alcohol | +++++ 6.6383 | 6.7719 6.5122 | 6.0366 6.3141 | 7.8954 | 7.1443 | Ave | | 6.7590 | | | | 9.0 | | 20.0 | | | |
| Carbon disulfide | +++++ 1.3071 | 2.1443 1.4777 | 1.4378 1.4200 | 1.2248 | 1.3072 | Qua2 | 0.4060 | 1.2273 | 0.0005114 | | 0.1000 | | | | 0.9900 | | 0.9900 |
| 3-Chloro-1-propene | +++++ 0.2790 | 0.3036 0.3106 | 0.2662 0.3347 | 0.2574 | 0.2818 | Ave | | 0.2905 | | | | 9.3 | | 20.0 | | | |
| Methyl acetate | +++++ 0.3740 | 0.3966 0.4289 | 0.2608 0.4641 | 0.3666 | 0.3638 | Ave | | 0.3793 | | | 0.1000 | 16.8 | | 20.0 | | | |
| Cyclopentene | +++++ 1.1413 | 1.1187 1.2725 | 1.0714 1.2993 | 1.0374 | 1.1549 | Ave | | 1.1565 | | | | 8.4 | | 20.0 | | | |
| Acetonitrile | +++++ 0.4702 | 0.5568 0.4525 | 0.3404 0.4096 | 0.5024 | 0.4846 | Ave | | 0.4595 | | | | 15.1 | | 20.0 | | | |
| Methylene Chloride | +++++ 0.4339 | 0.6569 0.4846 | 0.6323 0.4927 | 0.4443 | 0.4448 | Ave | | 0.5128 | | | 0.1000 | 18.1 | | 20.0 | | | |
| 2-Methyl-2-propanol | +++++ 13.442 | 22.666 13.020 | 19.736 11.948 | 13.868 | 14.063 | Qua | 36.903 | 13.691 | -0.000350 | | | | | | 1.0000 | | 0.9900 |
| Methyl tert-butyl ether | +++++ 1.3816 | 1.2844 1.5243 | 1.3174 1.5465 | 1.3449 | 1.3369 | Ave | | 1.3909 | | | 0.1000 | 7.4 | | 20.0 | | | |
| trans-1,2-Dichloroethene | +++++ 0.4826 | 0.6296 0.5362 | 0.4898 0.5603 | 0.4301 | 0.4765 | Ave | | 0.5150 | | | 0.1000 | 12.8 | | 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.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Acrylonitrile | 0.1723<br>0.2004 | 0.2068<br>0.2312 | 0.1708<br>0.2066 | 0.1896 | 0.1952 | Ave | | 0.1966 | | | | 10.0 | | 20.0 | | | |
| Hexane | +++++<br>0.6372 | 0.6889<br>0.7085 | 0.6207<br>0.6681 | 0.5849 | 0.6355 | Ave | | 0.6491 | | | | 6.5 | | 20.0 | | | |
| Isopropyl ether | +++++<br>1.3060 | 1.3338<br>1.3861 | 1.0166<br>1.4356 | 1.2564 | 1.2868 | Ave | | 1.2888 | | | | 10.4 | | 20.0 | | | |
| 1,1-Dichloroethane | +++++<br>0.8370 | 0.8054<br>0.9482 | 0.8512<br>0.9797 | 0.8047 | 0.8285 | Ave | | 0.8650 | | | 0.2000 | 8.1 | | 20.0 | | | |
| Vinyl acetate | +++++<br>0.9531 | 0.8587<br>1.0342 | 0.9354<br>1.0449 | 0.9557 | 1.0127 | Ave | | 0.9707 | | | | 6.7 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | +++++<br>0.4551 | 0.4850<br>0.4988 | 0.4161<br>0.5070 | 0.4340 | 0.4601 | Ave | | 0.4651 | | | | 7.2 | | 20.0 | | | |
| Tert-butyl ethyl ether | +++++<br>1.3650 | 1.3127<br>1.4623 | 1.2504<br>1.4958 | 1.3128 | 1.3470 | Ave | | 1.3637 | | | | 6.4 | | 20.0 | | | |
| 2,2-Dichloropropane | +++++<br>0.1674 | 0.2494<br>0.1805 | 0.2221<br>0.1824 | 0.1690 | 0.1767 | Ave | | 0.1925 | | | | 16.1 | | 20.0 | | | |
| 2-Butanone | +++++<br>0.6475 | 0.7816<br>0.7661 | 0.7650<br>0.7214 | 0.6566 | 0.6682 | Ave | | 0.7152 | | | 0.0500 | 8.0 | | 20.0 | | | |
| cis-1,2-Dichloroethene | +++++<br>0.5180 | 0.6431<br>0.5845 | 0.5460<br>0.6276 | 0.5229 | 0.5041 | Ave | | 0.5637 | | | 0.1000 | 9.8 | | 20.0 | | | |
| Ethyl acetate | +++++<br>0.5810 | 1.1277<br>0.6772 | 1.1901<br>0.6817 | 0.6169 | 0.6182 | QuaF | | 0.6600 | 0.0000221 | | | | | | 1.0000 | | 0.9900 |
| Methyl acrylate | +++++<br>0.4361 | 0.4036<br>0.4641 | 0.3518<br>0.4629 | 0.4072 | 0.4191 | Ave | | 0.4207 | | | | 9.3 | | 20.0 | | | |
| Propionitrile | +++++<br>0.0740 | 0.0836<br>0.0800 | 0.0637<br>0.0766 | 0.0823 | 0.0726 | Ave | | 0.0761 | | | | 9.0 | | 20.0 | | | |
| Tetrahydrofuran | +++++<br>0.0800 | 0.1258<br>0.0875 | 0.0778<br>0.0895 | 0.0788 | 0.0804 | Ave | | 0.0886 | | | | 19.2 | | 20.0 | | | |
| Chlorobromomethane | +++++<br>0.2542 | 0.3023<br>0.2770 | 0.2737<br>0.2843 | 0.2542 | 0.2524 | Ave | | 0.2712 | | | | 6.9 | | 20.0 | | | |
| Methacrylonitrile | +++++<br>0.2457 | 0.2245<br>0.2939 | 0.2046<br>0.2660 | 0.2224 | 0.2322 | Ave | | 0.2413 | | | | 12.5 | | 20.0 | | | |
| Chloroform | +++++<br>0.8173 | 0.9612<br>0.9089 | 0.9106<br>0.9467 | 0.8062 | 0.8147 | Ave | | 0.8808 | | | 0.2000 | 7.5 | | 20.0 | | | |
| Cyclohexane | +++++<br>0.7754 | 0.8380<br>0.8949 | 0.7058<br>0.9232 | 0.7012 | 0.7939 | Ave | | 0.8046 | | | 0.1000 | 10.7 | | 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.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1,1-Trichloroethane | +++++ 0.7586 | 0.9081 0.8441 | 0.7786 0.8767 | 0.6946 | 0.7759 | Ave | | 0.8052 | | | 0.1000 | 9.2 | | 20.0 | | | |
| Carbon tetrachloride | +++++ 0.6531 | 0.6367 0.7365 | 0.6569 0.7581 | 0.6096 | 0.6443 | Ave | | 0.6708 | | | 0.1000 | 8.2 | | 20.0 | | | |
| 1,1-Dichloropropene | +++++ 0.6779 | 0.7043 0.7514 | 0.6158 0.7807 | 0.6624 | 0.6788 | Ave | | 0.6959 | | | | 8.0 | | 20.0 | | | |
| Isobutyl alcohol | +++++ 7.5438 | 8.3196 7.9230 | 5.9299 6.2079 | 7.2542 | 7.7469 | Ave | | 7.2750 | | | | 12.2 | | 20.0 | | | |
| Isooctane | +++++ 1.2540 | 1.3573 1.3772 | 1.2557 1.2534 | 1.1782 | 1.2612 | Ave | | 1.2767 | | | | 5.4 | | 20.0 | | | |
| Benzene | +++++ 2.5798 | 2.6341 2.8305 | 2.5084 2.7759 | 2.4741 | 2.5983 | Ave | | 2.6287 | | | 0.5000 | 5.0 | | 20.0 | | | |
| Isopropyl acetate | +++++ 0.2107 | 0.3838 0.2391 | 0.4491 0.2741 | 0.2534 | 0.2185 | Qua | 0.0524 | 0.2139 | 0.0001204 | | | | | | 1.0000 | | 0.9900 |
| Tert-amyl methyl ether | +++++ 1.4234 | 1.6269 1.5296 | 1.2348 1.6119 | 1.3148 | 1.4634 | Ave | | 1.4578 | | | | 10.1 | | 20.0 | | | |
| 1,2-Dichloroethane | +++++ 0.5955 | 0.7718 0.6565 | 0.6580 0.6832 | 0.5780 | 0.6079 | Ave | | 0.6501 | | | 0.1000 | 10.1 | | 20.0 | | | |
| n-Heptane | +++++ 0.1297 | 0.1995 0.1393 | 0.1627 0.1270 | 0.1246 | 0.1318 | Ave | | 0.1450 | | | | 18.8 | | 20.0 | | | |
| n-Butanol | +++++ 2.5239 | 1.1813 2.8270 | 1.8288 2.6739 | 2.1469 | 2.5712 | Qua2 | -16.93 | 2.5114 | 0.0000202 | | | | | | 0.9960 | | 0.9900 |
| Trichloroethene | +++++ 0.4991 | 0.5831 0.5523 | 0.5993 0.5704 | 0.4539 | 0.4933 | Ave | | 0.5359 | | | 0.2000 | 10.1 | | 20.0 | | | |
| Methylcyclohexane | +++++ 0.8359 | 1.0472 0.9247 | 0.7521 0.9059 | 0.7808 | 0.8426 | Ave | | 0.8699 | | | 0.1000 | 11.4 | | 20.0 | | | |
| Ethyl acrylate | +++++ 0.0904 | 0.0653 0.0936 | 0.0774 0.0904 | 0.0915 | 0.0846 | Ave | | 0.0848 | | | | 12.0 | | 20.0 | | | |
| 1,2-Dichloropropane | +++++ 0.4362 | 0.5038 0.4715 | 0.4509 0.4751 | 0.4406 | 0.4554 | Ave | | 0.4619 | | | 0.1000 | 5.1 | | 20.0 | | | |
| Methyl methacrylate | +++++ 0.1518 | 0.1426 0.1658 | 0.1333 0.1607 | 0.1434 | 0.1475 | Ave | | 0.1493 | | | | 7.5 | | 20.0 | | | |
| 1,4-Dioxane | +++++ 2.4168 | 2.9936 3.1095 | 2.6039 3.4564 | 2.9202 | 2.3461 | Ave | | 2.8352 | | | | 14.1 | | 20.0 | | | |
| n-Propyl acetate | +++++ 0.6893 | 0.6610 0.7537 | 0.5587 0.7211 | 0.6159 | 0.6780 | Ave | | 0.6682 | | | | 9.7 | | 20.0 | | | |

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromomethane | +++++<br>0.2920 | 0.3411<br>0.3121 | 0.3124<br>0.3110 | 0.2851 | 0.2955 | Ave | | 0.3070 | | | | 6.1 | | 20.0 | | | |
| Bromodichloromethane | +++++<br>0.6090 | 0.6240<br>0.6505 | 0.6884<br>0.6667 | 0.5702 | 0.6058 | Ave | | 0.6307 | | | 0.2000 | 6.4 | | 20.0 | | | |
| 2-Nitropropane | +++++<br>0.1732 | 0.2101<br>0.1877 | 0.2165<br>0.1771 | 0.1908 | 0.1647 | Ave | | 0.1886 | | | | 10.1 | | 20.0 | | | |
| 2-Chloroethyl vinyl ether | +++++<br>0.3081 | 0.2836<br>0.3293 | 0.2577<br>0.3234 | 0.2847 | 0.2961 | Ave | | 0.2976 | | | | 8.4 | | 20.0 | | | |
| Epichlorohydrin | 0.5518<br>0.5213 | 0.5916<br>0.5503 | 0.5013<br>0.4788 | 0.5160 | 0.5393 | Ave | | 0.5313 | | | | 6.5 | | 20.0 | | | |
| cis-1,3-Dichloropropene | +++++<br>1.0357 | 1.1583<br>1.0884 | 1.0008<br>1.1198 | 1.0153 | 1.0599 | Ave | | 1.0683 | | | 0.2000 | 5.4 | | 20.0 | | | |
| 4-Methyl-2-pentanone | +++++<br>4.1851 | 4.6076<br>4.6530 | 4.5712<br>3.8120 | 4.0939 | 4.3934 | Ave | | 4.3309 | | | 0.0500 | 7.2 | | 20.0 | | | |
| Toluene | +++++<br>2.8037 | 3.0886<br>3.1394 | 2.6410<br>3.0686 | 2.6341 | 2.7836 | Ave | | 2.8799 | | | 0.4000 | 7.5 | | 20.0 | | | |
| trans-1,3-Dichloropropene | +++++<br>0.9734 | 1.1096<br>1.0299 | 0.8615<br>1.0396 | 0.9375 | 0.9762 | Ave | | 0.9897 | | | 0.1000 | 8.1 | | 20.0 | | | |
| Ethyl methacrylate | +++++<br>0.8360 | 0.6788<br>0.8949 | 0.6760<br>0.8975 | 0.8040 | 0.8176 | Ave | | 0.8007 | | | | 11.4 | | 20.0 | | | |
| 1,1,2-Trichloroethane | +++++<br>0.4702 | 0.5836<br>0.4962 | 0.5744<br>0.5052 | 0.4962 | 0.4712 | Ave | | 0.5139 | | | 0.1000 | 9.0 | | 20.0 | | | |
| Tetrachloroethene | +++++<br>0.7350 | 0.7683<br>0.7752 | 0.7392<br>0.7921 | 0.6810 | 0.7434 | Ave | | 0.7477 | | | 0.2000 | 4.8 | | 20.0 | | | |
| 1,3-Dichloropropane | +++++<br>0.9587 | 0.8621<br>0.9928 | 1.0395<br>0.9883 | 0.9485 | 0.9839 | Ave | | 0.9677 | | | | 5.7 | | 20.0 | | | |
| 2-Hexanone | +++++<br>2.8602 | 2.5966<br>3.1647 | 2.9448<br>2.6123 | 2.8414 | 3.0025 | Ave | | 2.8604 | | | 0.0500 | 7.2 | | 20.0 | | | |
| n-Butyl acetate | +++++<br>0.8998 | 0.8448<br>0.9143 | 0.9246<br>0.8537 | 0.8759 | 0.9002 | Ave | | 0.8876 | | | | 3.4 | | 20.0 | | | |
| Dibromochloromethane | +++++<br>0.6287 | 0.5069<br>0.6626 | 0.6429<br>0.6520 | 0.5979 | 0.6172 | Ave | | 0.6154 | | | 0.1000 | 8.5 | | 20.0 | | | |
| Ethylene Dibromide | +++++<br>0.6162 | 0.6834<br>0.6406 | 0.6209<br>0.6396 | 0.6380 | 0.6127 | Ave | | 0.6359 | | | 0.1000 | 3.8 | | 20.0 | | | |
| Chlorobenzene | +++++<br>1.7877 | 1.7702<br>1.9248 | 1.7517<br>1.9158 | 1.7047 | 1.8083 | Ave | | 1.8090 | | | 0.5000 | 4.6 | | 20.0 | | | |

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Ethylbenzene | +++++ 0.9638 | 0.9169 1.0214 | 0.8690 1.0608 | 0.9586 | 0.9665 | Ave | | 0.9653 | | | 0.1000 | 6.5 | | 20.0 | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.6389 | 0.7467 0.6854 | 0.6189 0.7096 | 0.6121 | 0.6362 | Ave | | 0.6640 | | | | 7.7 | | 20.0 | | | |
| m-Xylene & p-Xylene | +++++ 1.1863 | 1.2862 1.2300 | 1.1768 1.2121 | 1.0984 | 1.1807 | Ave | | 1.1958 | | | 0.1000 | 4.8 | | 20.0 | | | |
| o-Xylene | +++++ 1.1423 | 1.2134 1.1918 | 1.1075 1.1920 | 1.0926 | 1.1502 | Ave | | 1.1557 | | | 0.3000 | 3.9 | | 20.0 | | | |
| n-Butyl acrylate | +++++ 0.5334 | 0.5589 0.5727 | 0.4092 0.6207 | 0.4998 | 0.5076 | Ave | | 0.5289 | | | | 12.7 | | 20.0 | | | |
| Styrene | +++++ 1.9284 | 1.7705 2.0423 | 1.7321 2.0115 | 1.8441 | 1.9403 | Ave | | 1.8956 | | | 0.3000 | 6.2 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | +++++ 1.9423 | 2.0698 2.1866 | 1.8594 2.1096 | 1.9269 | 1.9430 | Ave | | 2.0054 | | | | 5.9 | | 20.0 | | | |
| Bromoform | +++++ 0.4606 | 0.4225 0.4920 | 0.4198 0.4956 | 0.4404 | 0.4480 | Ave | | 0.4541 | | | 0.1000 | 6.7 | | 20.0 | | | |
| Isopropylbenzene | +++++ 2.9414 | 2.7056 3.1766 | 2.8419 2.7813 | 2.7436 | 2.9722 | Ave | | 2.8804 | | | 0.1000 | 5.7 | | 20.0 | | | |
| Bromobenzene | +++++ 1.4096 | 1.7706 1.6637 | 1.4342 1.7158 | 1.3860 | 1.4419 | Ave | | 1.5460 | | | | 10.6 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++ 1.5065 | 1.5080 1.8782 | 1.4044 1.9552 | 1.4582 | 1.5321 | Ave | | 1.6061 | | | 0.3000 | 13.5 | | 20.0 | | | |
| N-Propylbenzene | +++++ 6.7523 | 6.9420 8.1073 | 6.2684 6.5306 | 6.3650 | 6.8489 | Ave | | 6.8306 | | | | 9.0 | | 20.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.4881 | 0.8459 0.5429 | 0.5498 0.5252 | 0.5141 | 0.4658 | Qua2 | 0.1703 | 0.4642 | 0.0001597 | | | | | | 0.9900 | | 0.9900 |
| trans-1,4-Dichloro-2-butene | +++++ 0.4480 | 0.5587 0.5318 | 0.3747 0.5194 | 0.4273 | 0.4683 | Ave | | 0.4754 | | | | 13.7 | | 20.0 | | | |
| 2-Chlorotoluene | +++++ 4.4492 | 4.7468 5.5325 | 4.2417 5.1672 | 4.1243 | 4.4893 | Ave | | 4.6787 | | | | 10.9 | | 20.0 | | | |
| 4-Ethyltoluene | +++++ 5.6490 | 5.6545 6.6888 | 5.2892 5.9375 | 5.3300 | 5.6685 | Ave | | 5.7454 | | | | 8.2 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | +++++ 4.6504 | 5.3396 5.5081 | 4.0543 5.0847 | 4.4340 | 4.7699 | Ave | | 4.8344 | | | | 10.6 | | 20.0 | | | |
| 4-Chlorotoluene | +++++ 4.1290 | 4.3475 4.7358 | 3.9339 4.6351 | 4.0590 | 4.1531 | Ave | | 4.2848 | | | | 7.0 | | 20.0 | | | |

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Butyl Methacrylate | +++++<br>1.5519 | 1.4802<br>1.7710 | 1.2944<br>1.8230 | 1.3883 | 1.5548 | Ave | | 1.5520 | | | | 12.3 | | 20.0 | | | |
| tert-Butylbenzene | +++++<br>4.0112 | 3.7327<br>4.6356 | 4.0922<br>4.4188 | 3.9077 | 4.0988 | Ave | | 4.1282 | | | | 7.4 | | 20.0 | | | |
| 1,2,4-Trimethylbenzene | +++++<br>4.7108 | 5.3119<br>5.5349 | 4.4873<br>4.9842 | 4.4340 | 4.6454 | Ave | | 4.8726 | | | | 8.6 | | 20.0 | | | |
| sec-Butylbenzene | +++++<br>5.8422 | 6.0469<br>6.6316 | 5.0591<br>5.7178 | 5.2304 | 5.8921 | Ave | | 5.7743 | | | | 9.0 | | 20.0 | | | |
| 4-Isopropyltoluene | +++++<br>5.0938 | 5.6923<br>6.1846 | 4.5643<br>5.4299 | 4.5706 | 5.1726 | Ave | | 5.2440 | | | | 11.2 | | 20.0 | | | |
| 1,3-Dichlorobenzene | +++++<br>2.6754 | 3.4820<br>3.2361 | 2.5354<br>3.3766 | 2.5605 | 2.6897 | Ave | | 2.9365 | | | 0.6000 | 14.0 | | 20.0 | | | |
| 1,4-Dichlorobenzene | +++++<br>2.6917 | 3.2143<br>3.1984 | 2.8962<br>3.3612 | 2.6317 | 2.7024 | Ave | | 2.9566 | | | 0.5000 | 10.1 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | +++++<br>4.8414 | 5.5940<br>5.6865 | 4.5938<br>5.2877 | 4.5559 | 4.8629 | Ave | | 5.0603 | | | | 9.2 | | 20.0 | | | |
| Benzyl chloride | +++++<br>3.0859 | 3.0436<br>3.4801 | 2.5244<br>3.4118 | 2.8613 | 3.0911 | Ave | | 3.0712 | | | | 10.5 | | 20.0 | | | |
| Indan | +++++<br>4.7741 | 4.8583<br>5.5298 | 4.6539<br>5.1116 | 4.4719 | 4.8515 | Ave | | 4.8930 | | | | 7.0 | | 20.0 | | | |
| p-Diethylbenzene | +++++<br>2.5270 | 2.7501<br>2.8504 | 2.6447<br>2.9439 | 2.2411 | 2.5425 | Ave | | 2.6428 | | | | 8.9 | | 20.0 | | | |
| n-Butylbenzene | +++++<br>2.3747 | 2.7400<br>2.7571 | 2.1150<br>2.8055 | 2.1410 | 2.3865 | Ave | | 2.4743 | | | | 11.9 | | 20.0 | | | |
| 1,2-Dichlorobenzene | +++++<br>2.5035 | 2.9976<br>2.9025 | 2.8292<br>3.0789 | 2.5007 | 2.5350 | Ave | | 2.7639 | | | 0.4000 | 8.9 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | +++++<br>4.0083 | 4.6297<br>5.1038 | 3.6233<br>4.5721 | 3.7190 | 3.9797 | Ave | | 4.2337 | | | | 12.9 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | +++++<br>0.3986 | 0.4132<br>0.4660 | 0.5129<br>0.4307 | 0.4044 | 0.3998 | Ave | | 0.4322 | | | 0.0500 | 9.9 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | +++++<br>1.8066 | 2.0478<br>2.2151 | 1.7850<br>2.2749 | 1.6599 | 1.8162 | Ave | | 1.9436 | | | | 12.2 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | +++++<br>1.6321 | 2.1473<br>2.0892 | 1.5730<br>2.1713 | 1.4582 | 1.6035 | Ave | | 1.8107 | | | 0.2000 | 17.1 | | 20.0 | | | |
| Hexachlorobutadiene | +++++<br>0.6296 | 0.9581<br>0.7133 | 0.5789<br>0.6755 | 0.6266 | 0.6369 | Ave | | 0.6884 | | | | 18.3 | | 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.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Naphthalene | +++++<br>4.0963 | 5.9342<br>5.5806 | 4.6620<br>4.8529 | 3.8726 | 3.9746 | Ave | | 4.7105 | | | | 17.1 | | 20.0 | | | |
| 1,2,3-Trichlorobenzene | +++++<br>1.5035 | 2.0471<br>1.9192 | 1.5989<br>2.0141 | 1.4071 | 1.5139 | Ave | | 1.7148 | | | | 15.7 | | 20.0 | | | |
| Dibromofluoromethane (Surr) | 0.2680<br>0.2811 | 0.2898<br>0.2921 | 0.2858<br>0.2977 | 0.2885 | 0.2733 | Ave | | 0.2845 | | | | 3.5 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.2714<br>0.2965 | 0.2873<br>0.3035 | 0.2959<br>0.3432 | 0.3073 | 0.2887 | Ave | | 0.2992 | | | | 7.0 | | 20.0 | | | |
| Toluene-d8 (Surr) | 1.5849<br>1.6183 | 1.6387<br>1.6485 | 1.7216<br>1.5933 | 1.6777 | 1.6789 | Ave | | 1.6452 | | | | 2.8 | | 20.0 | | | |
| Bromofluorobenzene | 0.4415<br>0.4758 | 0.4730<br>0.4583 | 0.4937<br>0.4503 | 0.4938 | 0.4871 | Ave | | 0.4717 | | | | 4.2 | | 20.0 | | | |

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

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD8 460-802292/2 | V07730.D |
| Level 2 | STD05 460-802292/16 | V07744.D |
| Level 3 | STD1 460-802292/5 | V07733.D |
| Level 4 | STD5 460-802292/6 | V07734.D |
| Level 5 | STD20 460-802292/7 | V07735.D |
| Level 6 | STD50 460-802292/8 | V07736.D |
| Level 7 | STD200 460-802292/9 | V07737.D |
| Level 8 | STD500 460-802292/10 | V07738.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| Chlorotrifluoroethene | FB | QuaF | +++++ 114480 | 1494 465353 | 1955 1116326 | 10029 | 41920 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Dichlorodifluoromethane | FB | Ave | +++++ 235484 | 1970 1509893 | 4223 4160740 | 19721 | 102442 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Chlorodifluoromethane | FB | Ave | +++++ 47064 | 443 194073 | 1025 520867 | 4656 | 18645 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Chloromethane | FB | Ave | +++++ 237365 | 2441 1219032 | 4745 3484387 | 21580 | 95375 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Vinyl chloride | FB | Ave | +++++ 293564 | 2264 1540711 | 5541 4332529 | 25301 | 123067 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Butadiene | FB | Ave | 1496 284842 | 2559 1439545 | 5127 4252590 | 23453 | 111416 | 0.250 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Bromomethane | FB | Ave | +++++ 214990 | 2079 986619 | 3160 2004235 | 18440 | 82976 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Chloroethane | FB | Ave | +++++ 201041 | 1712 937896 | 3404 2454652 | 17528 | 76812 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Dichlorofluoromethane | FB | Ave | +++++ 415622 | 3700 2049868 | 6064 6145280 | 31976 | 150161 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Trichlorofluoromethane | FB | Ave | +++++ 381750 | 3694 1899758 | 5642 5213188 | 28551 | 141548 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Pentane | FB | Ave | +++++ 86887 | 932 383694 | 1595 1235985 | 6995 | 33098 | +++++ 100 | 1.00 400 | 2.00 1000 | 10.0 | 40.0 |
| Ethanol | TBAd 9 | Ave | +++++ 44402 | 510 210206 | 782 635605 | 3545 | 15850 | +++++ 2000 | 20.0 8000 | 40.0 20000 | 200 | 800 |
| Ethyl ether | FB | Ave | +++++ | 1318 | 2187 | 11653 | 50105 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 141417 | 655659 | 2001571 | | | 50.0 | 200 | 500 | | |
| 2-Methyl-1,3-butadiene | FB | Ave | +++++<br>218315 | 1985<br>1081137 | 3031<br>3465080 | 18045 | 80231 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | +++++<br>209783 | 1993<br>978887 | 3610<br>2553973 | 17900 | 79726 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloroethane | FB | Ave | +++++<br>346028 | 2409<br>1619301 | 5331<br>4727981 | 28921 | 127206 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | +++++<br>221025 | 2164<br>1095874 | 3536<br>3260242 | 17794 | 83337 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acrolein | TBAd9 | Ave | +++++<br>45196 | 2015<br>135906 | 1505<br>357449 | 6538 | 16786 | +++++<br>101 | 5.07<br>203 | 4.06<br>406 | 20.3 | 40.6 |
| 1,1-Dichloroethene | FB | Ave | +++++<br>219235 | 1798<br>1054576 | 3621<br>3109390 | 17646 | 83680 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acetone | BUT | Ave | +++++<br>382489 | 4402<br>2068635 | 7100<br>5762404 | 35676 | 140553 | +++++<br>250 | 2.50<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| Iodomethane | FB | QuaF | +++++<br>255742 | 1710<br>1409402 | 2811<br>3654099 | 17031 | 80858 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isopropyl alcohol | TBAd9 | Ave | +++++<br>138352 | 1135<br>665739 | 1867<br>1834163 | 14987 | 53389 | +++++<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Carbon disulfide | FB | Qua2 | +++++<br>674371 | 9329<br>3250554 | 12416<br>8989886 | 55853 | 253474 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 3-Chloro-1-propene | FB | Ave | +++++<br>143962 | 1321<br>683343 | 2299<br>2119061 | 11738 | 54634 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methyl acetate | FB | Ave | +++++<br>385964 | 3451<br>1887040 | 4504<br>5877013 | 33435 | 141081 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Cyclopentene | FB | Ave | +++++<br>588804 | 4867<br>2799236 | 9252<br>8225799 | 47305 | 223953 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acetonitrile | BUT | Ave | +++++<br>263531 | 2318<br>1125167 | 2693<br>3208759 | 23934 | 94725 | +++++<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Methylene Chloride | FB | Ave | +++++<br>223882 | 2858<br>1066066 | 5460<br>3119453 | 20259 | 86252 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 2-Methyl-2-propanol | TBAd9 | Qua | +++++<br>280161 | 3799<br>1331011 | 6104<br>3470829 | 26325 | 105096 | +++++<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Methyl tert-butyl ether | FB | Ave | +++++<br>712817 | 5588<br>3353164 | 11377<br>9791093 | 61328 | 259236 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| trans-1,2-Dichloroethene | FB | Ave | +++++<br>248990 | 2739<br>1179507 | 4230<br>3547159 | 19611 | 92399 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Acrylonitrile | FB | Ave | 3622<br>1033917 | 8997<br>5085598 | 14753<br>13080083 | 86455 | 378549 | 2.00<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Hexane | FB | Ave | +++++<br>328765 | 2997<br>1558476 | 5360<br>4229439 | 26673 | 123231 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isopropyl ether | FB | Ave | +++++<br>673811 | 5803<br>3049136 | 8779<br>9088900 | 57296 | 249523 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1-Dichloroethane | FB | Ave | +++++<br>431852 | 3504<br>2085769 | 7351<br>6202627 | 36695 | 160646 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Vinyl acetate | BUT | Ave | +++++<br>106833 | 715<br>514256 | 1480<br>1637106 | 9106 | 39595 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| 2-Chloro-1,3-butadiene | FB | Ave | +++++<br>234801 | 2110<br>1097172 | 3593<br>3209601 | 19790 | 89221 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tert-butyl ethyl ether | FB | Ave | +++++<br>704250 | 5711<br>3216807 | 10798<br>9470037 | 59864 | 261202 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2,2-Dichloropropane | FB | Ave | +++++<br>86342 | 1085<br>397103 | 1918<br>1154787 | 7705 | 34263 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Butanone | BUT | Ave | +++++<br>181462 | 1627<br>952360 | 3026<br>2825807 | 15641 | 65315 | +++++<br>250 | 2.50<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| cis-1,2-Dichloroethene | FB | Ave | +++++<br>267236 | 2798<br>1285706 | 4715<br>3973299 | 23845 | 97746 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethyl acetate | BUT | QuaF | +++++<br>65123 | 939<br>336734 | 1883<br>1068028 | 5878 | 24170 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Methyl acrylate | FB | Ave | +++++<br>224977 | 1756<br>1020988 | 3038<br>2930516 | 18568 | 81274 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Propionitrile | FB | Ave | +++++<br>381748 | 3639<br>1759065 | 5502<br>4850845 | 37552 | 140807 | +++++<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Tetrahydrofuran | FB | Ave | +++++<br>82587 | 1095<br>384964 | 1343<br>1132907 | 7190 | 31186 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| Chlorobromomethane | FB | Ave | +++++ | 1315 | 2364 | 11594 | 48934 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 131158 | 609246 | 1799779 | | | 50.0 | 200 | 500 | | |
| Methacrylonitrile | FB | Ave | +++++<br>1267855 | 9769<br>6465265 | 17665<br>16841795 | 101426 | 450264 | +++++<br>500 | 5.00<br>2000 | 10.0<br>5000 | 50.0 | 200 |
| Chloroform | FB | Ave | +++++<br>421661 | 4182<br>1999488 | 7864<br>5993517 | 36765 | 157981 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Cyclohexane | FB | Ave | +++++<br>400055 | 3646<br>1968693 | 6095<br>5845102 | 31978 | 153937 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,1-Trichloroethane | FB | Ave | +++++<br>391403 | 3951<br>1856731 | 6724<br>5550348 | 31674 | 150459 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Carbon tetrachloride | FB | Ave | +++++<br>336931 | 2770<br>1620230 | 5673<br>4799690 | 27800 | 124944 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1-Dichloropropene | FB | Ave | +++++<br>349769 | 3064<br>1652837 | 5318<br>4942647 | 30205 | 131633 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isobutyl alcohol | TBAd9 | Ave | +++++<br>393061 | 3486<br>2024933 | 4585<br>4508246 | 34425 | 144731 | +++++<br>1250 | 12.5<br>5000 | 25.0<br>12500 | 125 | 500 |
| Isooctane | FB | Ave | +++++<br>646960 | 5905<br>3029515 | 10844<br>7935187 | 53729 | 244556 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Benzene | CBNZd5 | Ave | +++++<br>989020 | 8653<br>4732950 | 15607<br>13112098 | 82056 | 367624 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Isopropyl acetate | FB | Qua | +++++<br>108728 | 1670<br>526032 | 3878<br>1735512 | 11555 | 42362 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Tert-amyl methyl ether | FB | Ave | +++++<br>734389 | 7078<br>3364780 | 10663<br>10204965 | 59955 | 283766 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dichloroethane | FB | Ave | +++++<br>307259 | 3358<br>1444195 | 5682<br>4325392 | 26357 | 117876 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Heptane | FB | Ave | +++++<br>66928 | 868<br>306491 | 1405<br>804097 | 5680 | 25564 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| n-Butanol | TBAd9 | Qua2 | +++++<br>131505 | 495<br>722515 | 1414<br>1941835 | 10188 | 48037 | +++++<br>1250 | 12.5<br>5000 | 25.0<br>12500 | 125 | 500 |
| Trichloroethene | FB | Ave | +++++<br>257514 | 2537<br>1214966 | 5175<br>3611417 | 20697 | 95660 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methylcyclohexane | FB | Ave | +++++<br>431259 | 4556<br>2034077 | 6495<br>5735285 | 35604 | 163396 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl acrylate | FB | Ave | +++++<br>46653 | 284<br>205994 | 668<br>572465 | 4174 | 16414 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,2-Dichloropropane | FB | Ave | +++++<br>225039 | 2192<br>1037113 | 3894<br>3007797 | 20093 | 88303 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Methyl methacrylate | FB | Ave | +++++<br>156681 | 1241<br>729574 | 2302<br>2035384 | 13076 | 57217 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| 1,4-Dioxane | DXE | Ave | +++++<br>57009 | 1614<br>262581 | 2432<br>729031 | 6050 | 21812 | +++++<br>1000 | 25.0<br>4000 | 50.0<br>10000 | 100 | 400 |
| n-Propyl acetate | FB | Ave | +++++<br>355612 | 2876<br>1657876 | 4825<br>4565501 | 28086 | 131467 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Dibromomethane | FB | Ave | +++++<br>150650 | 1484<br>686493 | 2698<br>1969049 | 13000 | 57301 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Bromodichloromethane | FB | Ave | +++++<br>314198 | 2715<br>1431067 | 5945<br>4220837 | 26002 | 117473 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 2-Nitropropane | FB | Ave | +++++<br>178755 | 1828<br>825886 | 3740<br>2242261 | 17405 | 63870 | +++++<br>100 | 1.00<br>400 | 2.00<br>1000 | 10.0 | 40.0 |
| 2-Chloroethyl vinyl ether | FB | Ave | +++++<br>159320 | 1237<br>726184 | 2231<br>2052492 | 13014 | 57546 | +++++<br>50.1 | 0.501<br>200 | 1.00<br>501 | 5.01 | 20.0 |
| Epichlorohydrin | BUT | Ave | 2493<br>584306 | 4926<br>2736470 | 7932<br>7501490 | 49160 | 210837 | 5.00<br>1000 | 10.0<br>4000 | 20.0<br>10000 | 100 | 400 |
| cis-1,3-Dichloropropene | CBNZ d5 | Ave | +++++<br>397048 | 3805<br>1820015 | 6227<br>5289526 | 33673 | 149961 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 4-Methyl-2-pentanone | BUT | Ave | +++++<br>1172804 | 9591<br>5784552 | 18081<br>14931162 | 97515 | 429433 | +++++<br>250 | 2.50<br>1000 | 5.00<br>2500 | 25.0 | 100 |
| Toluene | CBNZ d5 | Ave | +++++<br>1074882 | 10146<br>5249562 | 16432<br>14494725 | 87364 | 393841 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| trans-1,3-Dichloropropene | CBNZ d5 | Ave | +++++<br>373190 | 3645<br>1722176 | 5360<br>4910725 | 31092 | 138125 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| Ethyl methacrylate | CBNZ d5 | Ave | +++++<br>320500 | 2230<br>1496343 | 4206<br>4239501 | 26665 | 115675 | +++++<br>50.0 | 0.500<br>200 | 1.00<br>500 | 5.00 | 20.0 |
| 1,1,2-Trichloroethane | CBNZ d5 | Ave | +++++ | 1917 | 3574 | 16458 | 66670 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| | | | 180252 | 829749 | 2386183 | | | 50.0 | 200 | 500 | | |
| Tetrachloroethene | CBNZ d5 | Ave | +++++ 281772 | 2524 1296220 | 4599 3741407 | 22587 | 105183 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,3-Dichloropropane | CBNZ d5 | Ave | +++++ 367539 | 2832 1660150 | 6468 4668528 | 31459 | 139211 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 2-Hexanone | BUT | Ave | +++++ 801521 | 5405 3934328 | 11648 10232137 | 67681 | 293481 | +++++ 250 | 2.50 1000 | 5.00 2500 | 25.0 | 100 |
| n-Butyl acetate | CBNZ d5 | Ave | +++++ 344967 | 2775 1528752 | 5753 4032755 | 29051 | 127367 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Dibromochloromethane | CBNZ d5 | Ave | +++++ 241032 | 1665 1107988 | 4000 3079876 | 19830 | 87320 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Ethylene Dibromide | CBNZ d5 | Ave | +++++ 236223 | 2245 1071154 | 3863 3021193 | 21160 | 86692 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Chlorobenzene | CBNZ d5 | Ave | +++++ 685357 | 5815 3218518 | 10899 9049287 | 56540 | 255853 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Ethylbenzene | CBNZ d5 | Ave | +++++ 369499 | 3012 1707964 | 5407 5010682 | 31794 | 136751 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,1,1,2-Tetrachloroethane | CBNZ d5 | Ave | +++++ 244958 | 2453 1146049 | 3851 3351932 | 20302 | 90010 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| m-Xylene & p-Xylene | CBNZ d5 | Ave | +++++ 454813 | 4225 2056771 | 7322 5725478 | 36431 | 167058 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| o-Xylene | CBNZ d5 | Ave | +++++ 437948 | 3986 1992839 | 6891 5630306 | 36237 | 162736 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| n-Butyl acrylate | CBNZ d5 | Ave | +++++ 204504 | 1836 957549 | 2546 2931834 | 16575 | 71819 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| Styrene | CBNZ d5 | Ave | +++++ 739323 | 5816 3414938 | 10777 9501439 | 61161 | 274532 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Amyl acetate (mixed isomers) | DCBd 4 | Ave | +++++ 387886 | 3286 1708606 | 5746 4702843 | 32532 | 140047 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Bromoform | CBNZ d5 | Ave | +++++ 176602 | 1388 822758 | 2612 2340831 | 14605 | 63391 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Isopropylbenzene | CBNZ d5 | Ave | +++++ 1127670 | 8888 5311752 | 17682 13137763 | 90995 | 420526 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Bromobenzene | DCBd 4 | Ave | +++++ 281507 | 2811 1300005 | 4432 3825045 | 23400 | 103925 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,1,2,2-Tetrachloroethane | DCBd 4 | Ave | +++++ 300846 | 2394 1467605 | 4340 4358715 | 24620 | 110426 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| N-Propylbenzene | DCBd 4 | Ave | +++++ 1348459 | 11021 6334968 | 19371 14558616 | 107463 | 493650 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,2,3-Trichloropropane | DCBd 4 | Qua2 | +++++ 97485 | 1343 424194 | 1699 1170908 | 8679 | 33571 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| trans-1,4-Dichloro-2-butene | DCBd 4 | Ave | +++++ 89461 | 887 415543 | 1158 1157851 | 7214 | 33751 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 2-Chlorotoluene | DCBd 4 | Ave | +++++ 888521 | 7536 4323017 | 13108 11519195 | 69633 | 323571 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 4-Ethyltoluene | DCBd 4 | Ave | +++++ 1128119 | 8977 5226578 | 16345 13236560 | 89989 | 408564 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,3,5-Trimethylbenzene | DCBd 4 | Ave | +++++ 928690 | 8477 4304000 | 12529 11335232 | 74862 | 343797 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| 4-Chlorotoluene | DCBd 4 | Ave | +++++ 824566 | 6902 3700505 | 12157 10332934 | 68530 | 299339 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Butyl Methacrylate | DCBd 4 | Ave | +++++ 309918 | 2350 1383854 | 4000 4064106 | 23440 | 112063 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| tert-Butylbenzene | DCBd 4 | Ave | +++++ 801040 | 5926 3622228 | 12646 9850830 | 65976 | 295431 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,2,4-Trimethylbenzene | DCBd 4 | Ave | +++++ 940756 | 8433 4324928 | 13867 11111242 | 74861 | 334825 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| sec-Butylbenzene | DCBd 4 | Ave | +++++ 1166709 | 9600 5181872 | 15634 12746776 | 88308 | 424686 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 4-Isopropyltoluene | DCBd 4 | Ave | +++++ 1017240 | 9037 4832565 | 14105 12104828 | 77168 | 372827 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,3-Dichlorobenzene | DCBd 4 | Ave | +++++ 534291 | 5528 2528634 | 7835 7527438 | 43231 | 193863 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,4-Dichlorobenzene | DCBd 4 | Ave | +++++ 537541 | 5103 2499212 | 8950 7493056 | 44432 | 194781 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| 1,2,3-Trimethylbenzene | DCBd 4 | Ave | +++++ 966851 | 8881 4443380 | 14196 11787939 | 76920 | 350499 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Benzyl chloride | DCBd 4 | Ave | +++++ 616255 | 4832 2719324 | 7801 7605965 | 48308 | 222796 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| Indan | DCBd 4 | Ave | +++++ 953406 | 7713 4320894 | 14382 11395206 | 75501 | 349680 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |
| p-Diethylbenzene | DCBd 4 | Ave | +++++ 504649 | 4366 2227235 | 8173 6562788 | 37837 | 183255 | +++++ 50.0 | 0.500 200 | 1.00 500 | 5.00 | 20.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene | DCBd 4 | Ave | +++++ | 4350 | 6536 | 36148 | 172012 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |
| | | | 474241 | 2154342 | 6254376 | | | 50.0 | 200 | 500 | | |
| 1,2-Dichlorobenzene | DCBd 4 | Ave | +++++ | 4759 | 8743 | 42221 | 182718 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |
| | | | 499947 | 2267994 | 6863832 | | | 50.0 | 200 | 500 | | |
| 1,2,4,5-Tetramethylbenzene | DCBd 4 | Ave | +++++ | 7350 | 11197 | 62789 | 286841 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |
| | | | 800466 | 3988062 | 10192638 | | | 50.0 | 200 | 500 | | |
| 1,2-Dibromo-3-Chloropropane | DCBd 4 | Ave | +++++ | 656 | 1585 | 6827 | 28813 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |
| | | | 79610 | 364153 | 960268 | | | 50.0 | 200 | 500 | | |
| 1,3,5-Trichlorobenzene | DCBd 4 | Ave | +++++ | 3251 | 5516 | 28025 | 130909 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |
| | | | 360785 | 1730873 | 5071452 | | | 50.0 | 200 | 500 | | |
| 1,2,4-Trichlorobenzene | DCBd 4 | Ave | +++++ | 3409 | 4861 | 24620 | 115575 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |
| | | | 325941 | 1632499 | 4840555 | | | 50.0 | 200 | 500 | | |
| Hexachlorobutadiene | DCBd 4 | Ave | +++++ | 1521 | 1789 | 10579 | 45908 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |
| | | | 125733 | 557391 | 1505795 | | | 50.0 | 200 | 500 | | |
| Naphthalene | DCBd 4 | Ave | +++++ | 9421 | 14407 | 65383 | 286475 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |
| | | | 818041 | 4360619 | 10818623 | | | 50.0 | 200 | 500 | | |
| 1,2,3-Trichlorobenzene | DCBd 4 | Ave | +++++ | 3250 | 4941 | 23757 | 109120 | +++++ | 0.500 | 1.00 | 5.00 | 20.0 |
| | | | 300246 | 1499620 | 4490054 | | | 50.0 | 200 | 500 | | |
| Dibromofluoromethane (Surr) | FB | Ave | 140835 | 126088 | 123390 | 131581 | 132468 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| | | | 145019 | 160612 | 188459 | | | 50.0 | 50.0 | 50.0 | | |
| 1,2-Dichloroethane-d4 (Surr) | FB | Ave | 142613 | 125005 | 127773 | 140143 | 139940 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| | | | 152951 | 166914 | 217267 | | | 50.0 | 50.0 | 50.0 | | |
| Toluene-d8 (Surr) | CBNZ d5 | Ave | 602297 | 538325 | 535574 | 556435 | 593857 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| | | | 620403 | 689127 | 752617 | | | 50.0 | 50.0 | 50.0 | | |
| Bromofluorobenzene | CBNZ d5 | Ave | 167794 | 155380 | 153590 | 163775 | 172294 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |

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

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1 Analy Batch No.: 802292

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2021 12:12 Calibration End Date: 09/20/2021 17:09 Calibration ID: 87363

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| | | | 182429 | 191598 | 212686 | | | 50.0 | 50.0 | 50.0 | | |

Curve Type Legend
Ave = Average ISTD
Qua = Quadratic ISTD
Qua2 = Quadratic 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 20-Sep-2021 12:12:30 ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0134774-002
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2021 08:57:49 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1676

First Level Reviewer: martineze Date: 20-Sep-2021 15:11:01

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 81 | 1496 | 0.2500 | 0.2413 | M |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 32981 | 1000.0 | 1000.0 | |
| 35 Acrylonitrile | 53 | 2.886 | 2.886 | 0.000 | 97 | 3622 | 2.00 | 1.75 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.595 | 0.000 | 99 | 225877 | 250.0 | 250.0 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 97 | 140835 | 50.0 | 47.1 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.395 | 0.000 | 97 | 142613 | 50.0 | 45.3 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 525543 | 50.0 | 50.0 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.378 | 5.378 | 0.000 | 87 | 21672 | 1000.0 | 1000.0 | |
| 80 Epichlorohydrin | 57 | 6.098 | 6.098 | 0.000 | 67 | 2493 | 5.00 | 5.19 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 99 | 602297 | 50.0 | 48.2 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 84 | 380028 | 50.0 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 167794 | 50.0 | 46.8 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 93 | 181222 | 50.0 | 50.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00439 | Amount Added: | 2.50 | Units: uL | |
| ACROLEIN W_00130 | Amount Added: | 0.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 0.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 0.00 | Units: uL | |
| GAS Hi_00397 | Amount Added: | 0.00 | Units: uL | |
| 8FreonHi_00036 | Amount Added: | 0.00 | Units: uL | |
| Ethanol mix_00056 | Amount Added: | 0.00 | Units: uL | |
| ACRY/EPIH MIX_00090 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 21-Sep-2021 08:57:51 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D

Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7

Lims ID: STD8

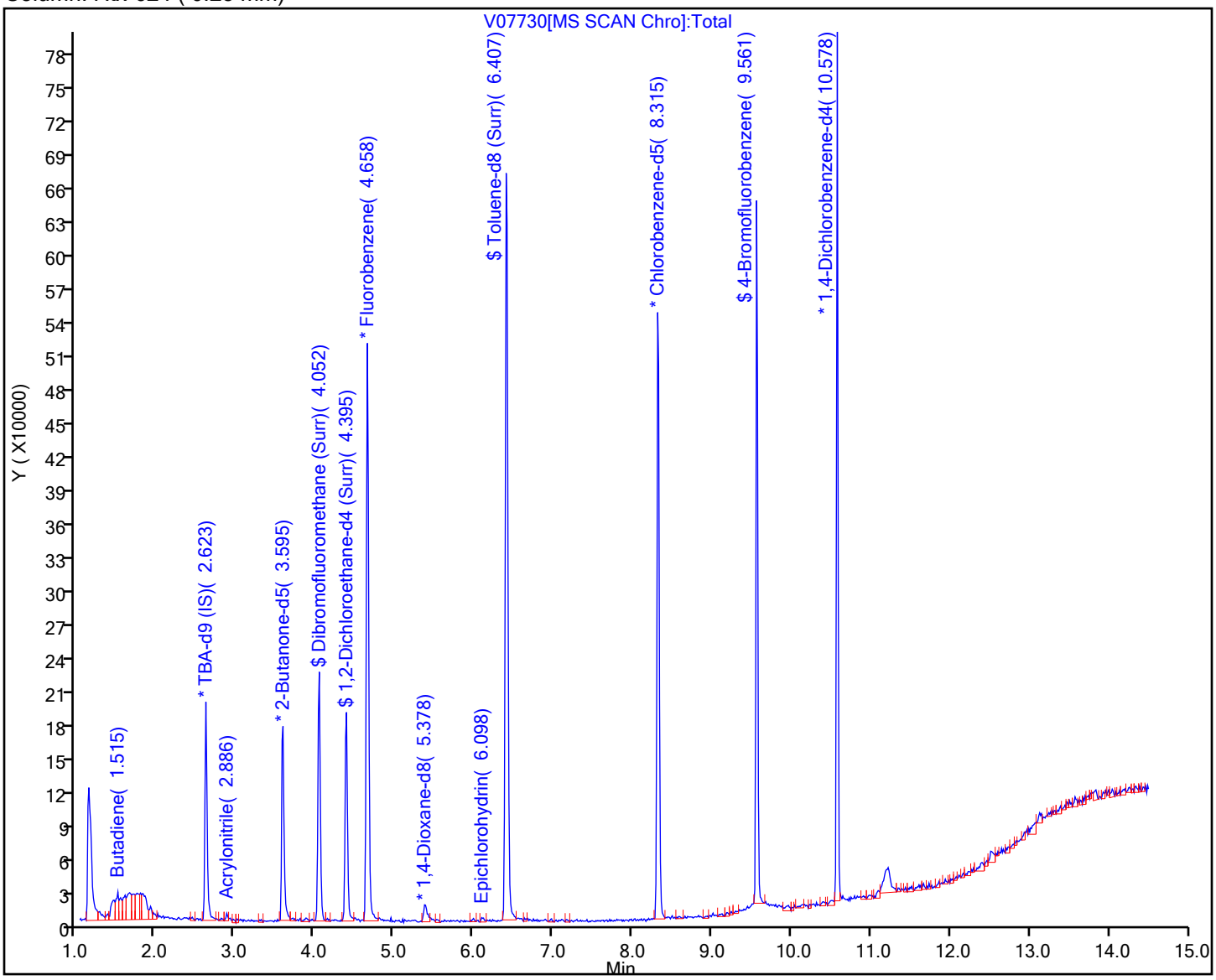
Client ID:

Operator ID: ALS Bottle#: 51 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

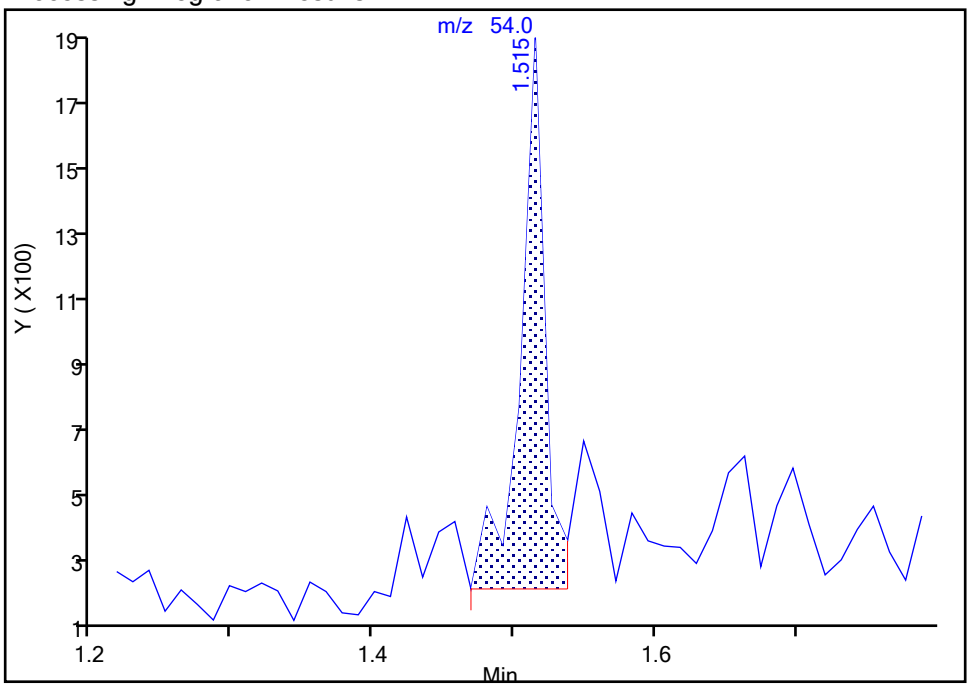
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 8 Butadiene, CAS: 106-99-0

Signal: 1

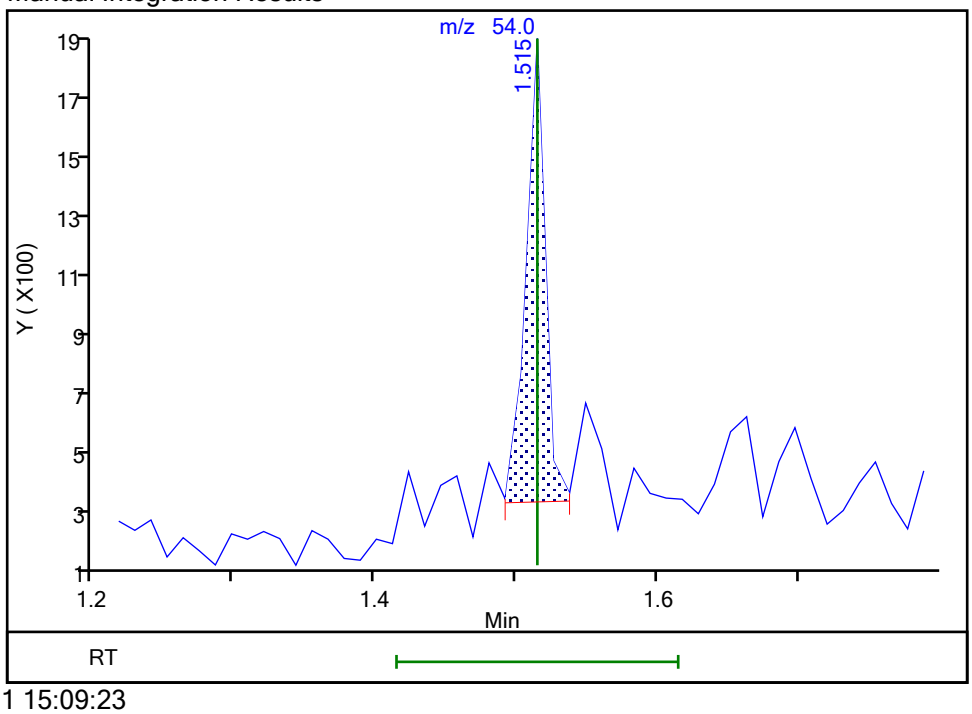
Processing Integration Results

RT: 1.51
Area: 2071
Amount: 0.342288
Amount Units: ug/l




Manual Integration Results

RT: 1.51
Area: 1496
Amount: 0.241323
Amount Units: ug/l




Reviewer: martineze, 20-Sep-2021 15:09:23
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

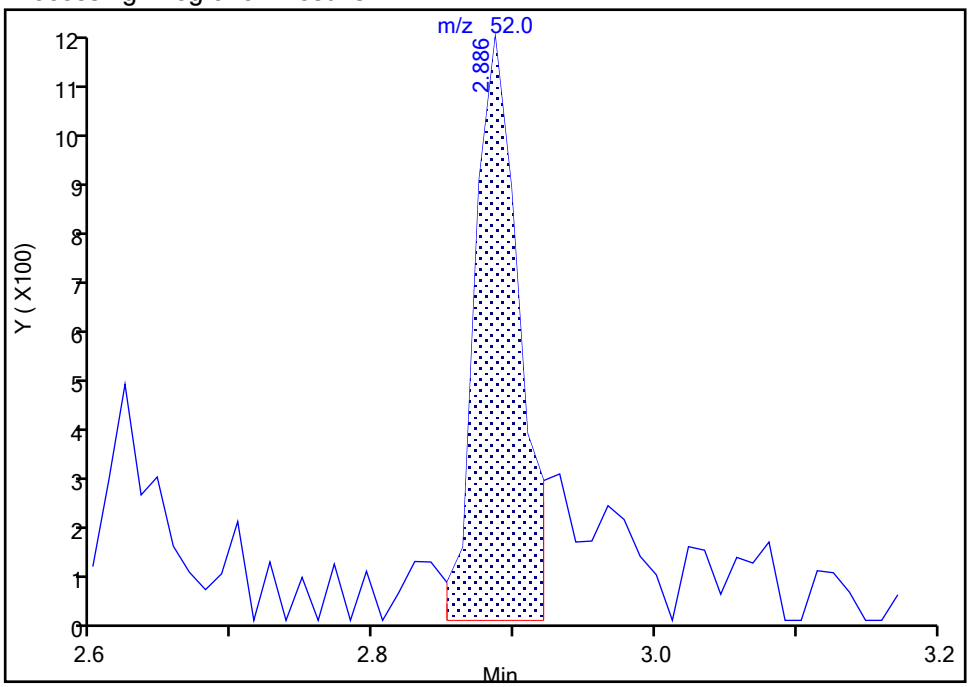
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 35 Acrylonitrile, CAS: 107-13-1

Signal: 2

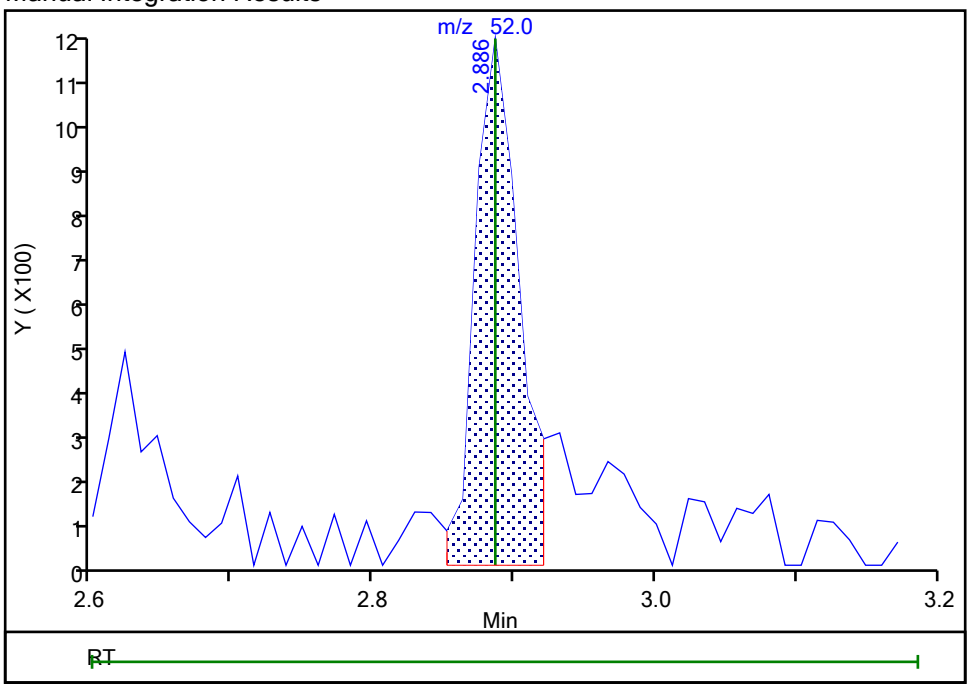
Processing Integration Results

RT: 2.89
Area: 2537
Amount: 1.783117
Amount Units: ug/l




Manual Integration Results

RT: 2.89
Area: 2537
Amount: 1.752635
Amount Units: ug/l




Reviewer: martineze, 20-Sep-2021 15:14:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

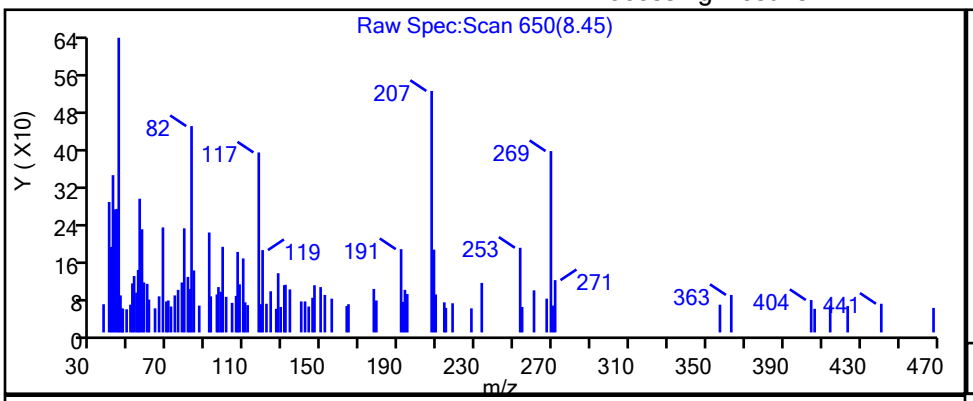
User Disabled Compound Report

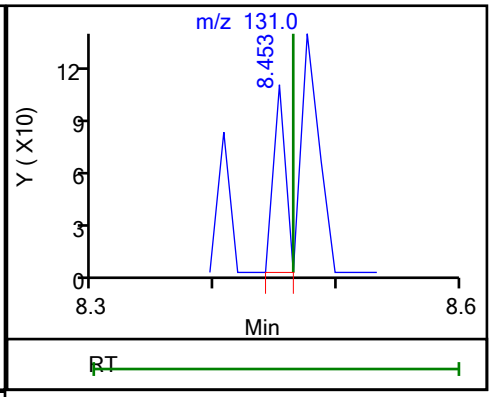
Eurofins TestAmerica, Edison

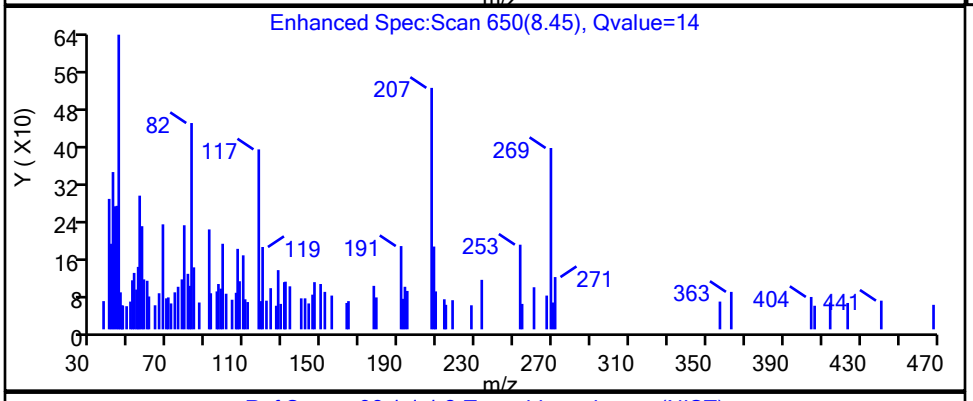
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

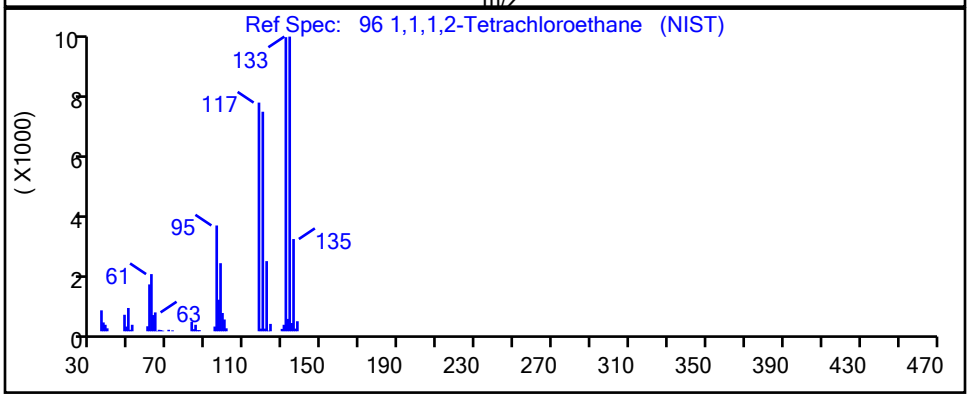
## 96 1,1,1,2-Tetrachloroethane, CAS: 630-20-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.45 | 131.00 | 71 | 0.014635 |

Reviewer: martineze, 20-Sep-2021 15:17:03
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

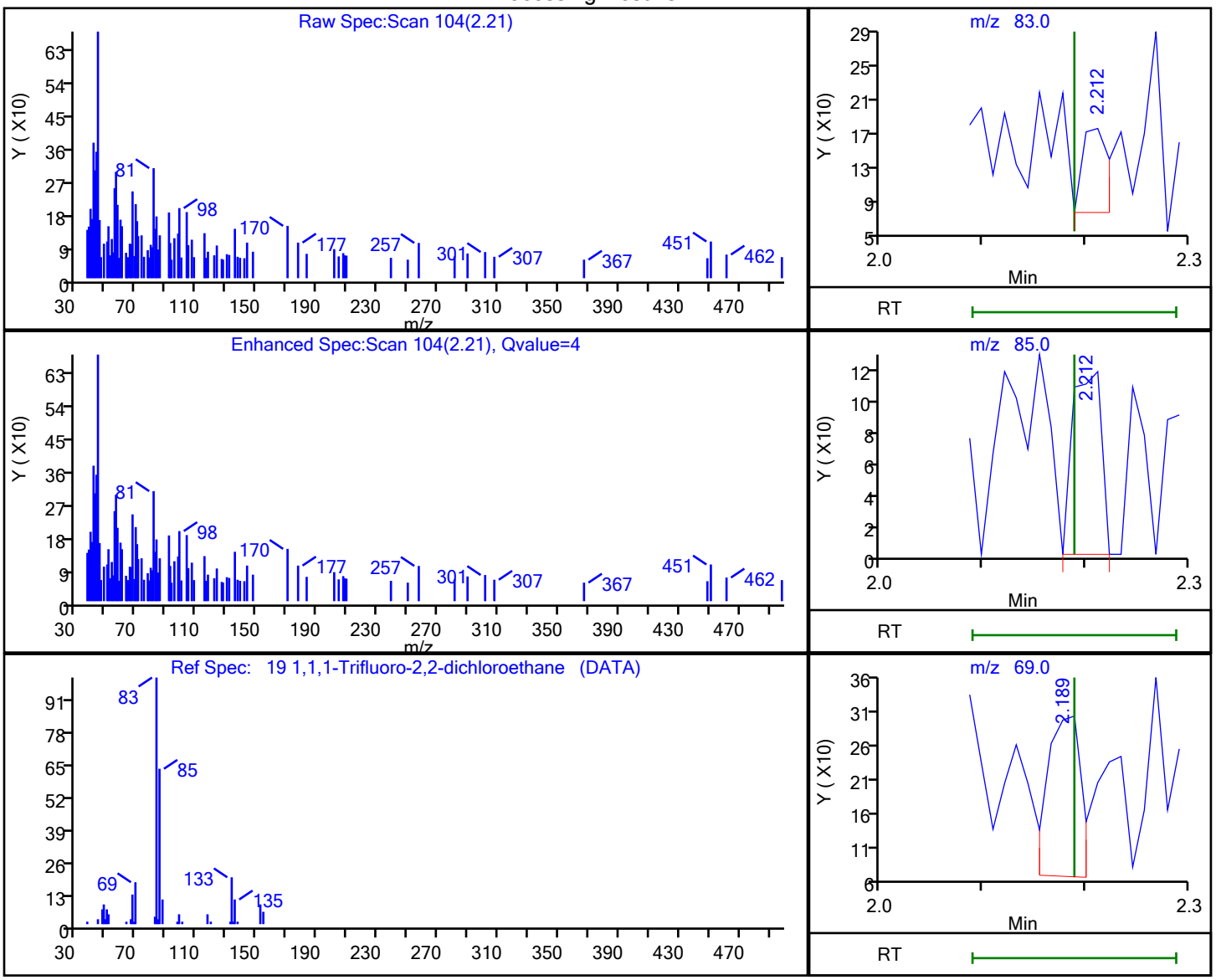
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 19 1,1,1-Trifluoro-2,2-dichloroethane, CAS: 306-83-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.21 | 83.00 | 174 | 0.024974 |
| 2.21 | 85.00 | 230 | |
| 2.19 | 69.00 | 550 | |
| 2.21 | 67.00 | 267 | |

Reviewer: martineze, 20-Sep-2021 15:08:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

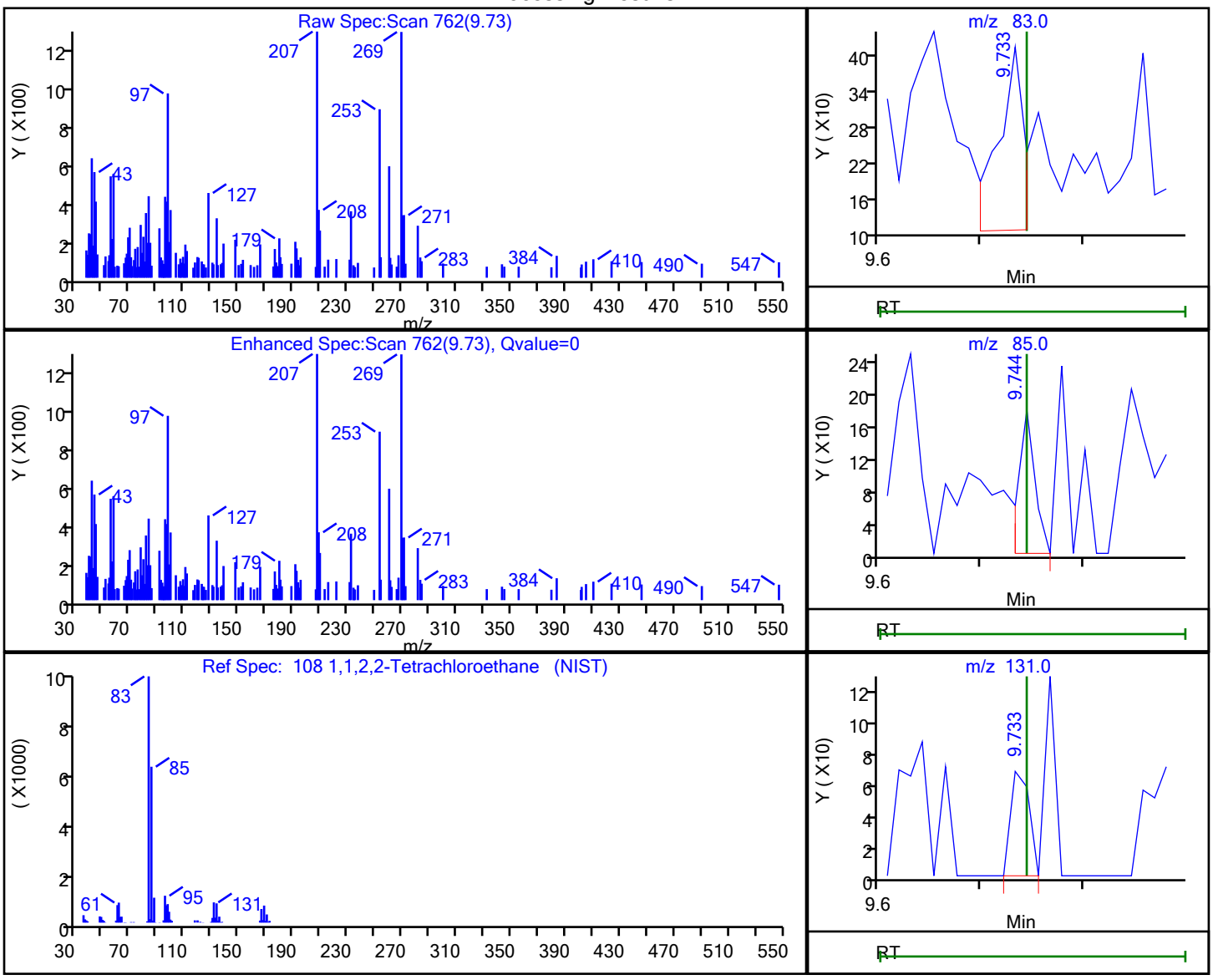
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 108 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.73 | 83.00 | 551 | 0.097709 |
| 9.74 | 85.00 | 203 | |
| 9.73 | 131.00 | 85 | |

Reviewer: martineze, 20-Sep-2021 15:17:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

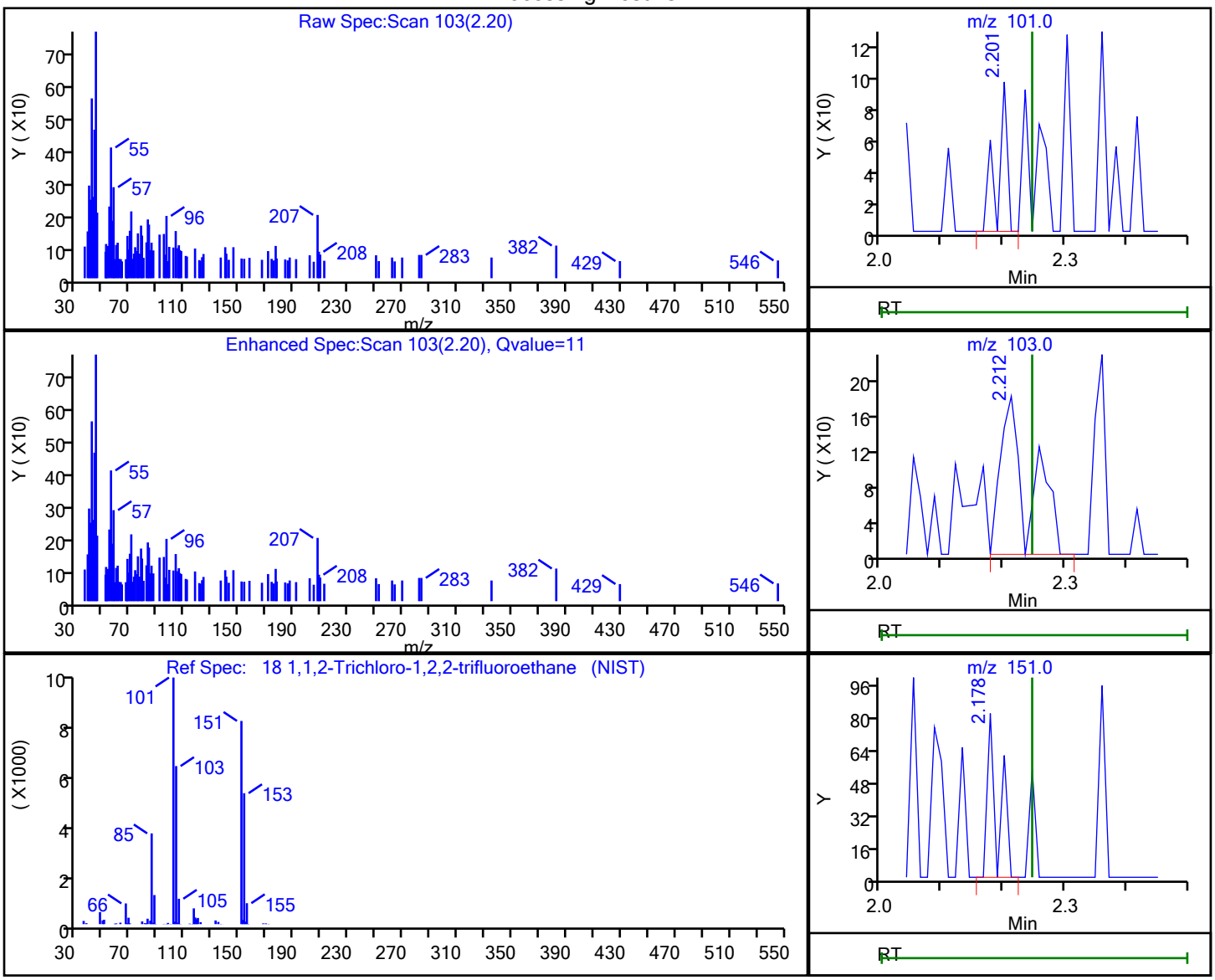
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.20 | 101.00 | 105 | 0.023167 |
| 2.21 | 103.00 | 589 | |
| 2.18 | 151.00 | 98 | |
| 2.21 | 85.00 | 230 | |

Reviewer: martineze, 20-Sep-2021 15:13:36

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

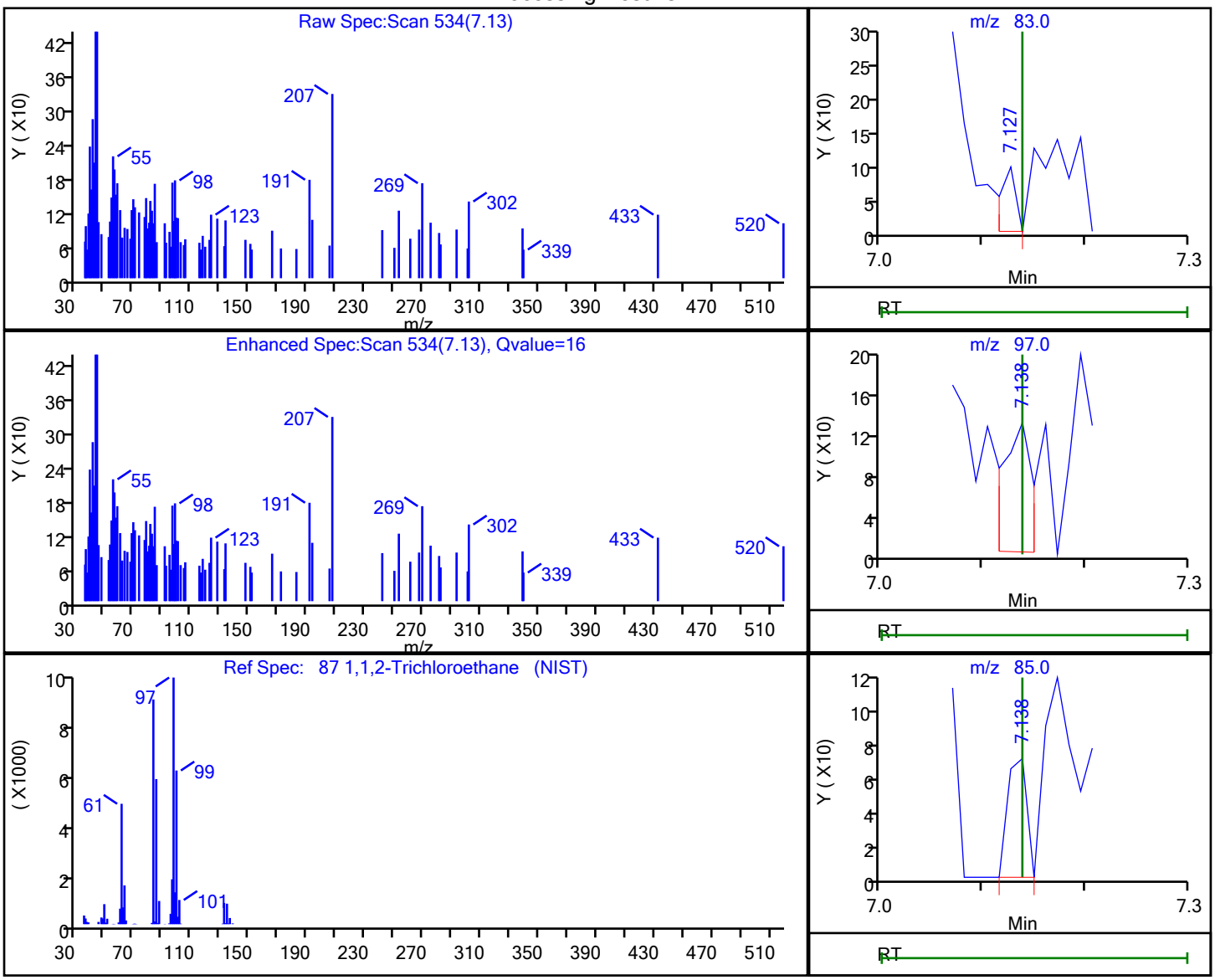
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.13 | 83.00 | 102 | 0.026752 |
| 7.14 | 97.00 | 256 | |
| 7.14 | 85.00 | 91 | |

Reviewer: martineze, 20-Sep-2021 15:16:45

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

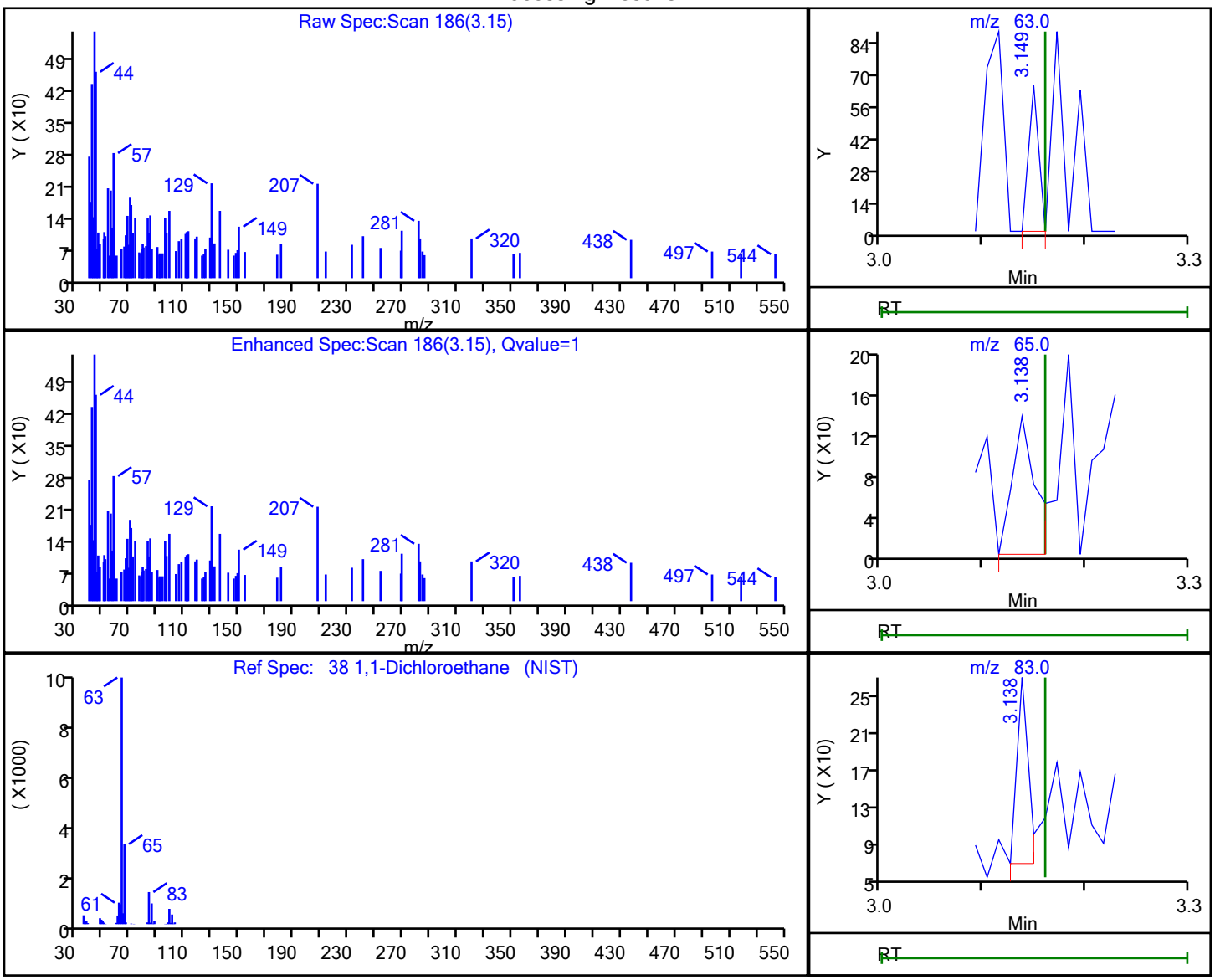
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.15 | 63.00 | 45 | 0.005014 |
| 3.14 | 65.00 | 221 | |
| 3.14 | 83.00 | 161 | |

Reviewer: martineze, 20-Sep-2021 15:15:14

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

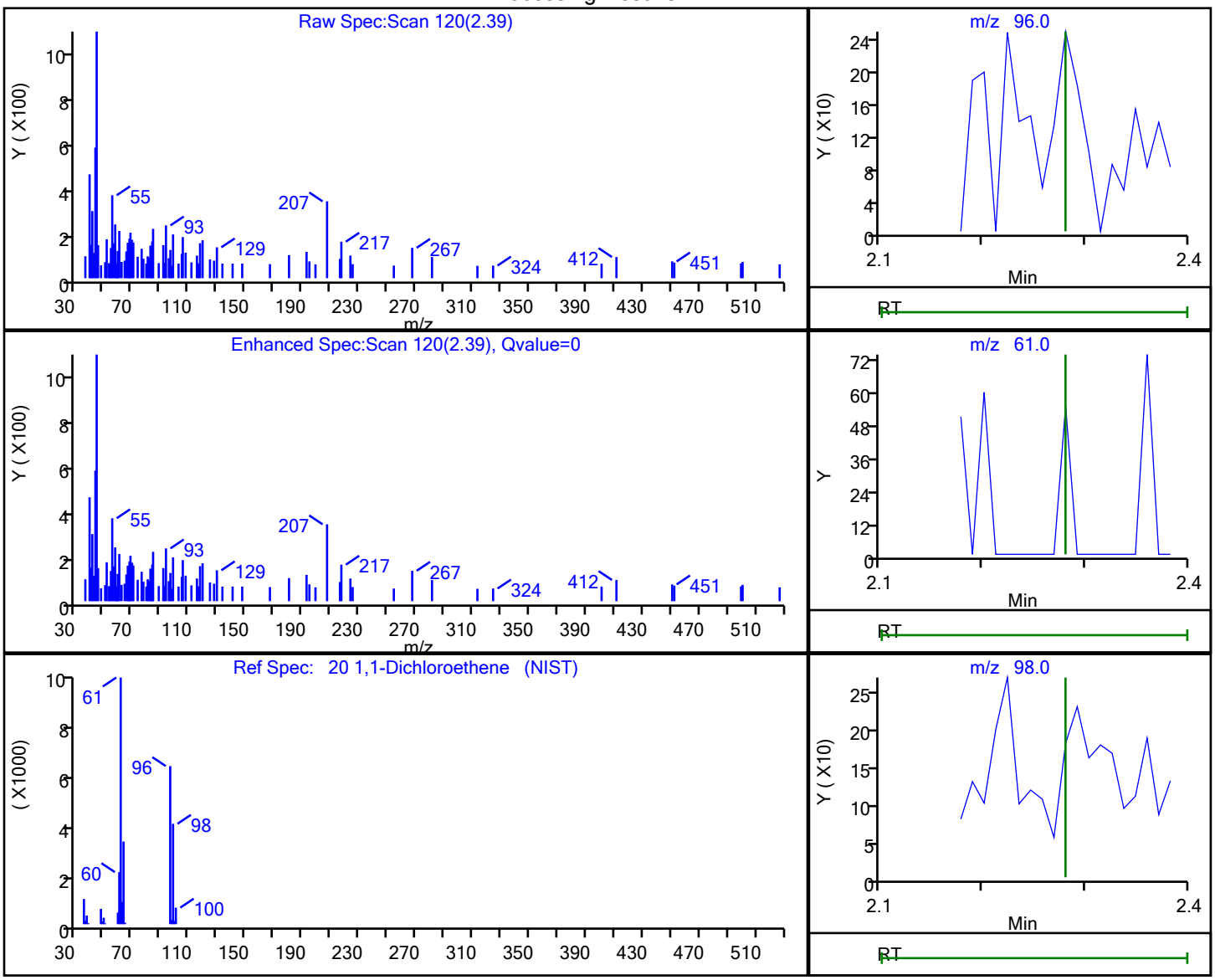
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.39 | 96.00 | 202 | 0.044857 |
| 2.41 | 61.00 | 144 | |
| 2.39 | 98.00 | 334 | |
| 2.42 | 63.00 | 51 | |

Reviewer: martineze, 20-Sep-2021 15:13:43

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

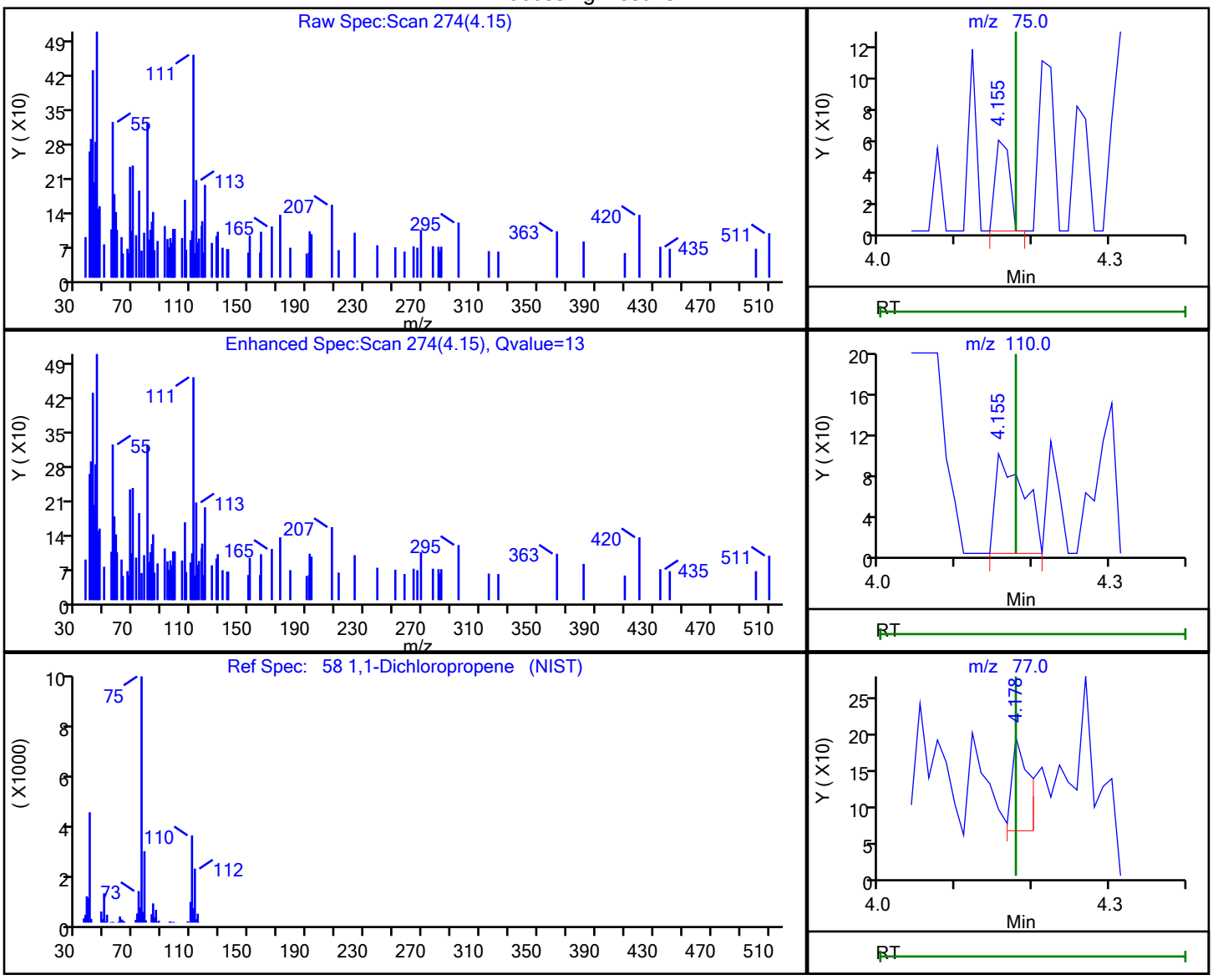
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 58 1,1-Dichloropropene, CAS: 563-58-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.15 | 75.00 | 73 | 0.010255 |
| 4.15 | 110.00 | 249 | |
| 4.18 | 77.00 | 206 | |

Reviewer: martineze, 20-Sep-2021 15:15:40

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

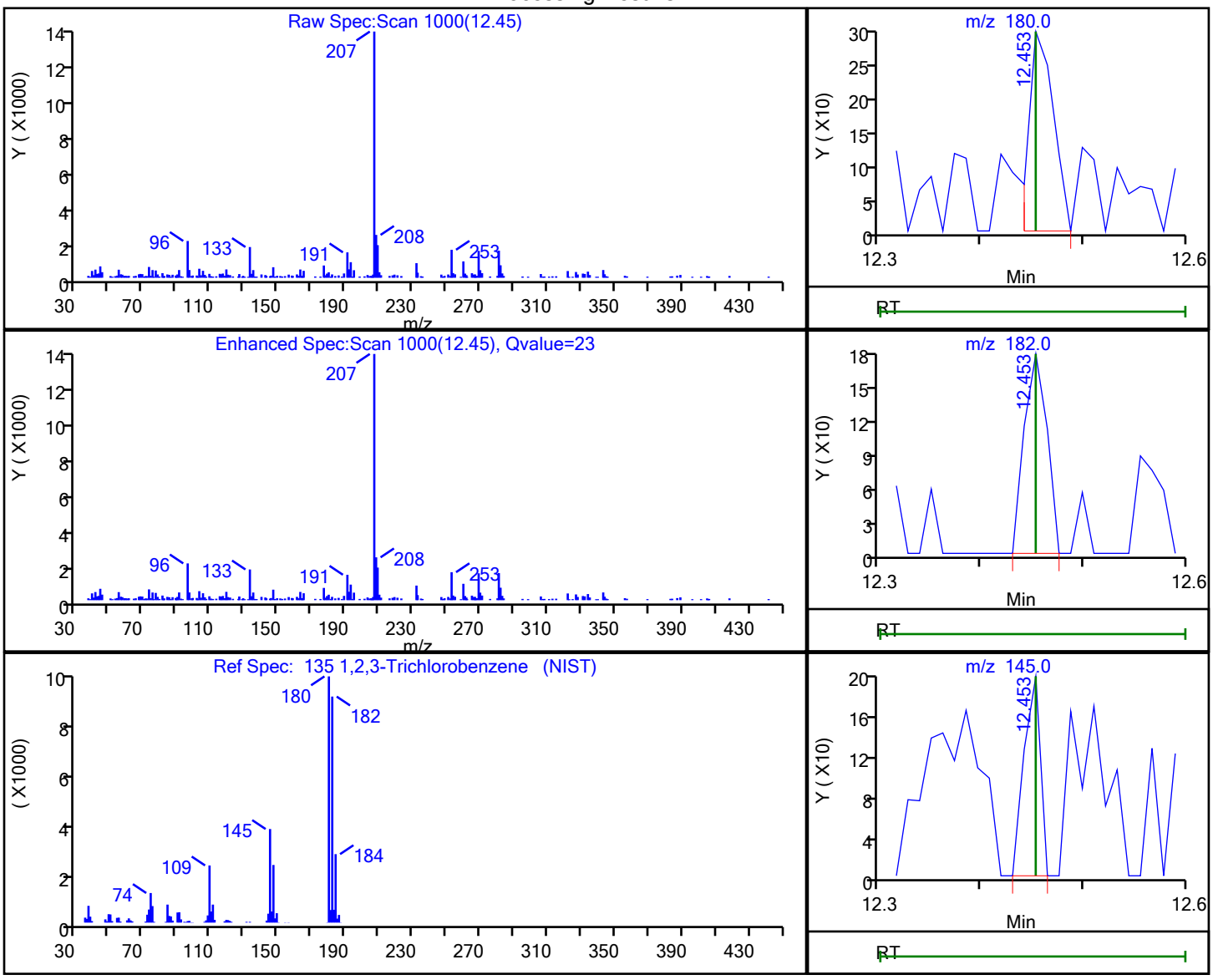
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.45 | 180.00 | 497 | 0.086323 |
| 12.45 | 182.00 | 279 | |
| 12.45 | 145.00 | 217 | |

Reviewer: martineze, 20-Sep-2021 15:18:54
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

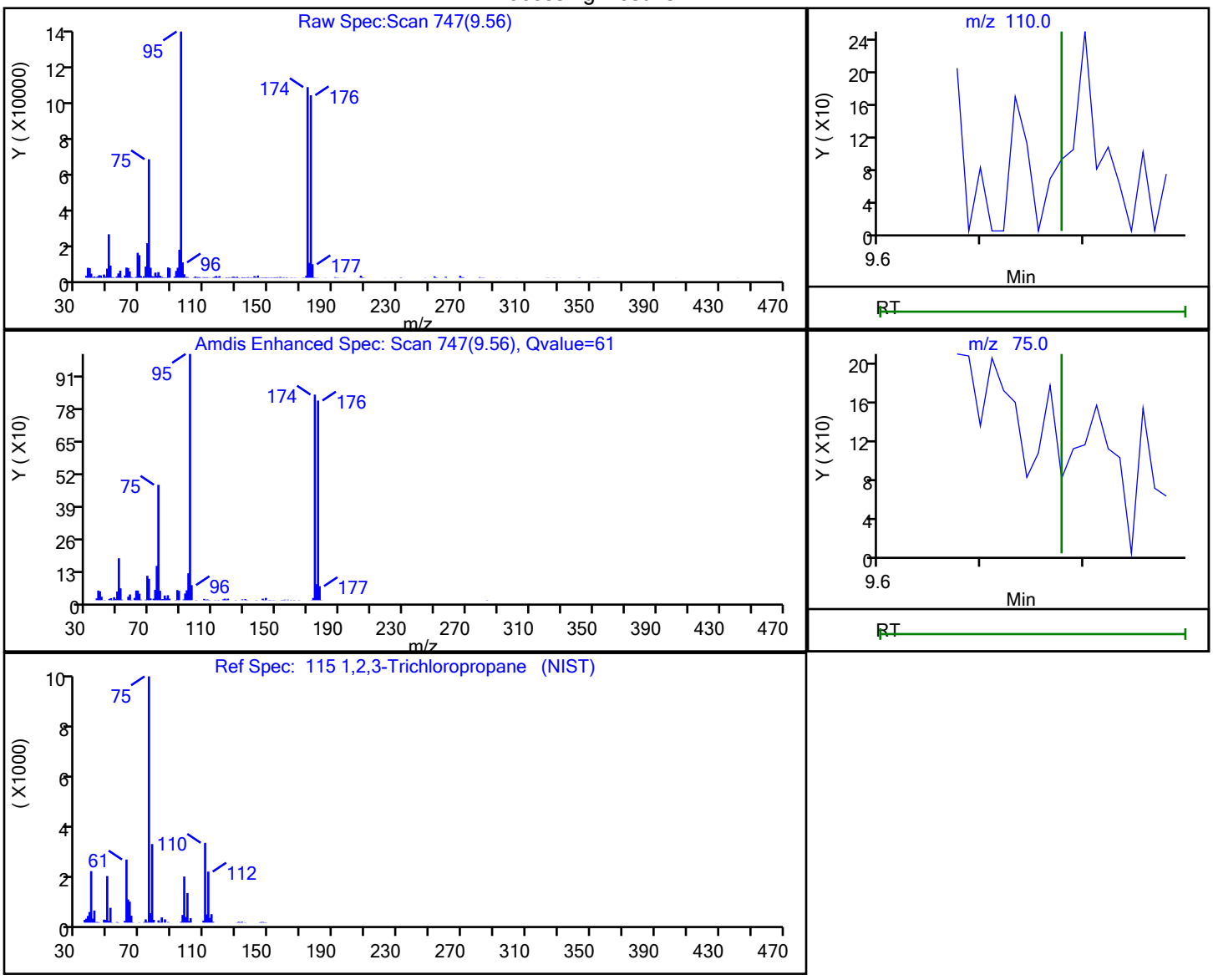
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 115 1,2,3-Trichloropropane, CAS: 96-18-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.56 | 110.00 | 248 | 0.133608 |
| 9.56 | 75.00 | 96370 | |

Reviewer: martineze, 20-Sep-2021 15:18:01

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

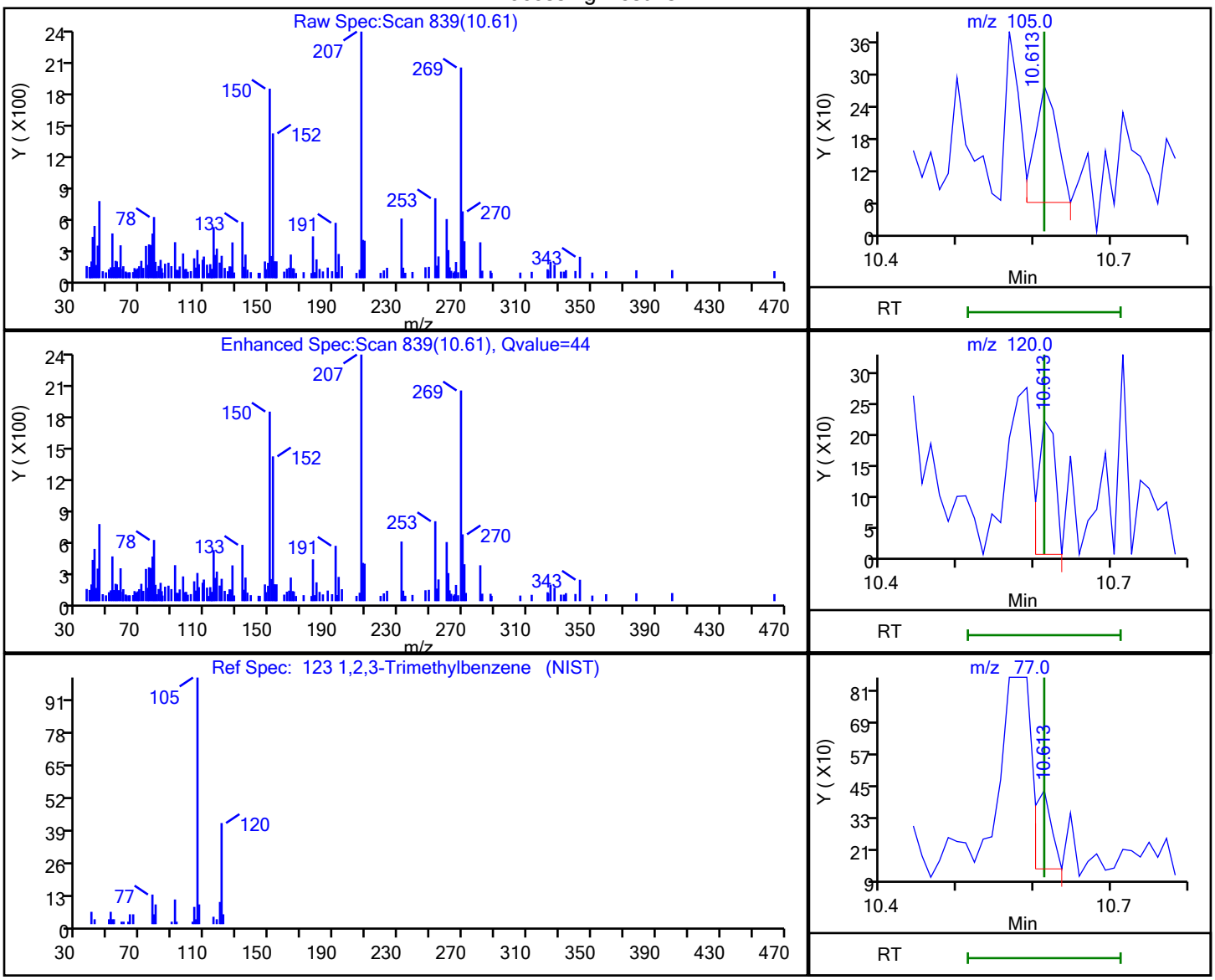
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.61 | 105.00 | 439 | 0.024678 |
| 10.61 | 120.00 | 338 | |
| 10.61 | 77.00 | 461 | |

Reviewer: martineze, 20-Sep-2021 15:07:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

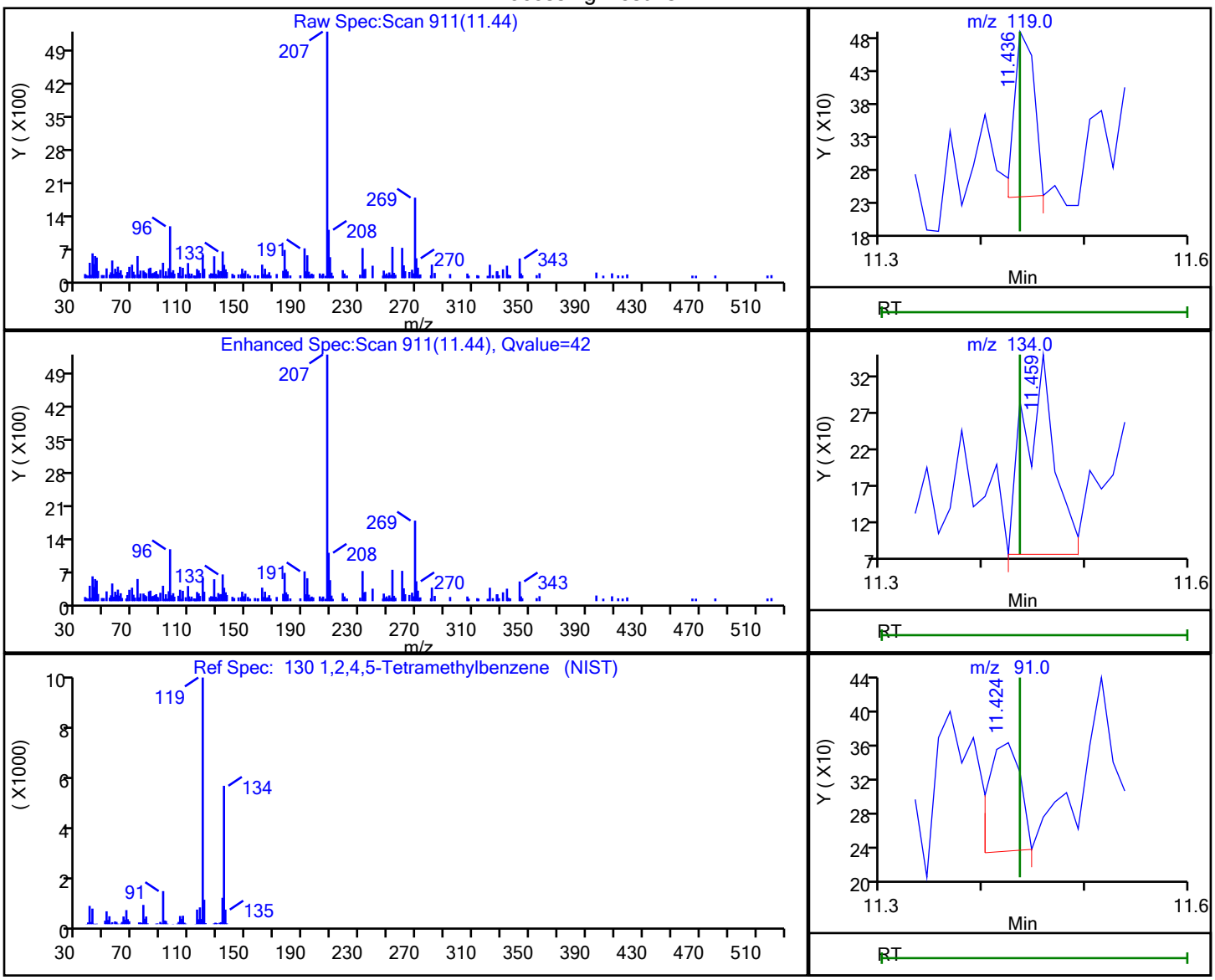
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 130 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.44 | 119.00 | 336 | 0.022684 |
| 11.46 | 134.00 | 545 | |
| 11.42 | 91.00 | 280 | |

Reviewer: martineze, 20-Sep-2021 15:18:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

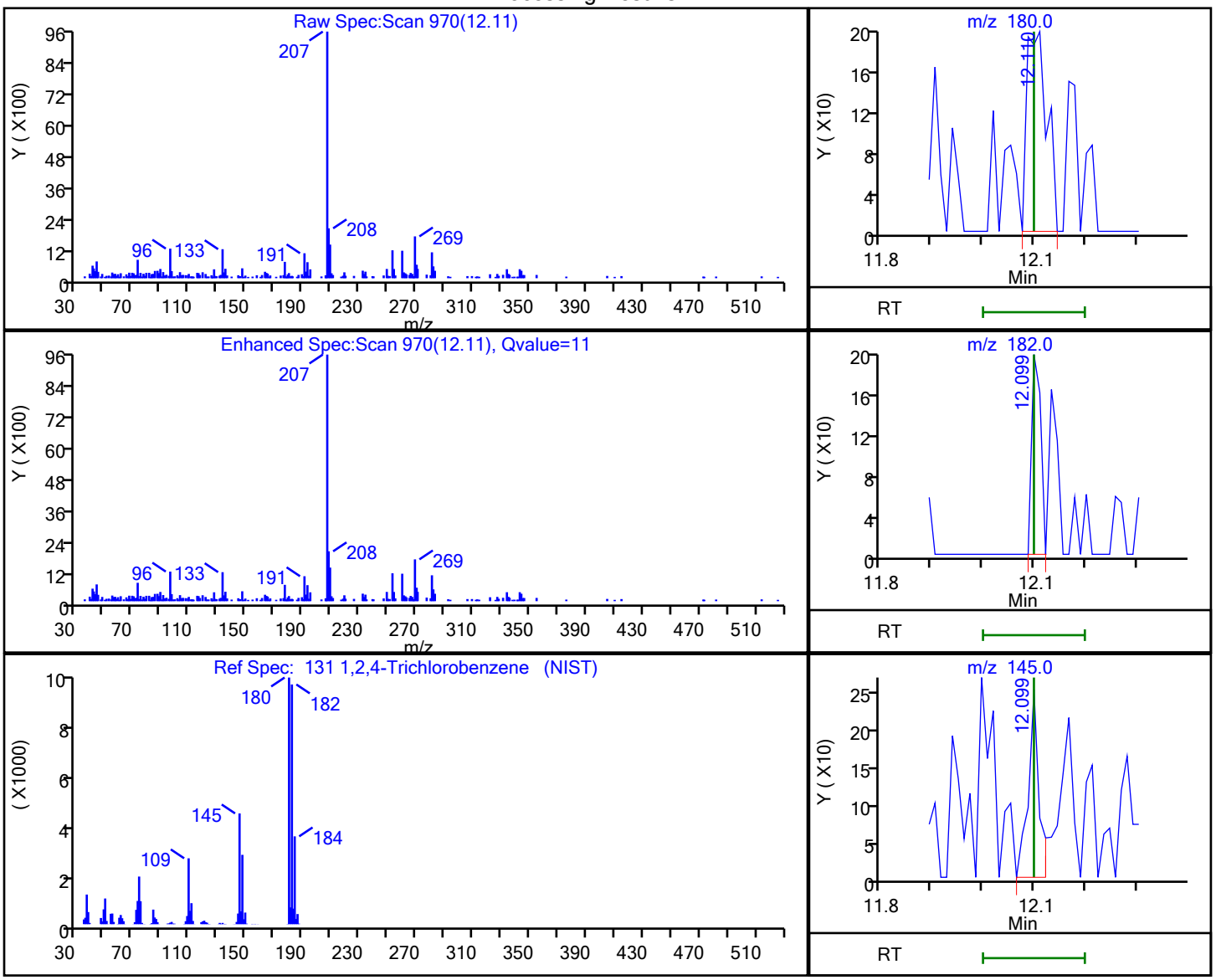
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.11 | 180.00 | 540 | 0.089150 |
| 12.10 | 182.00 | 248 | |
| 12.10 | 145.00 | 361 | |

Reviewer: martineze, 20-Sep-2021 15:18:51
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

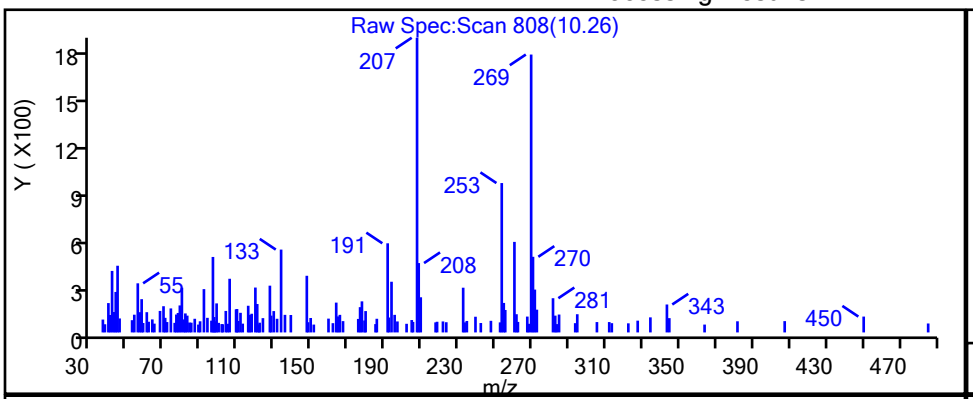
User Disabled Compound Report

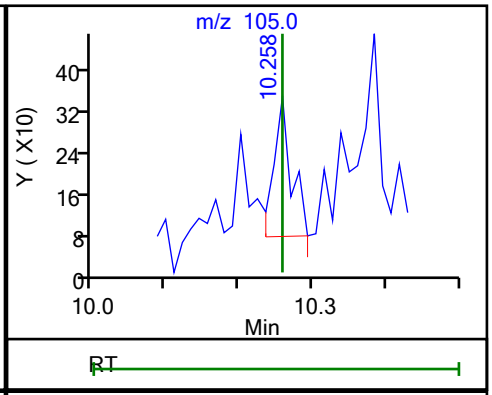
Eurofins TestAmerica, Edison

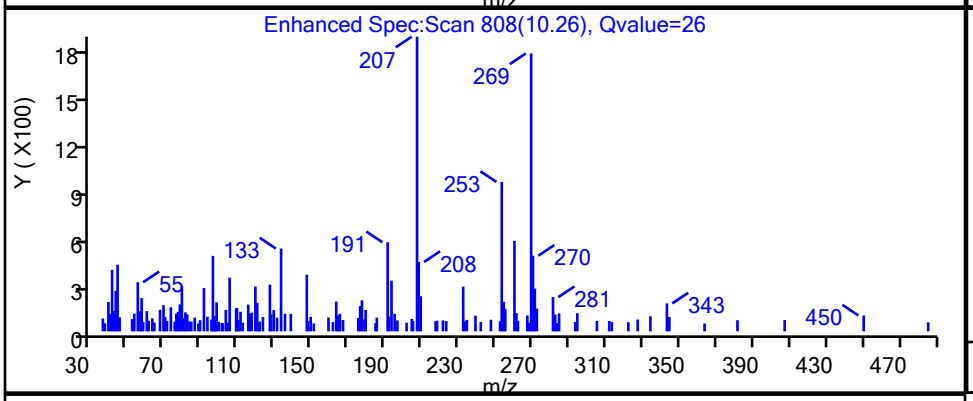
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

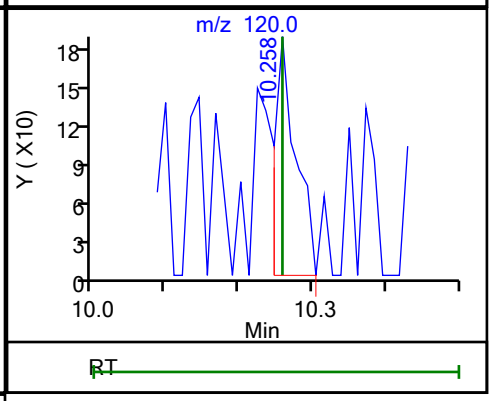
## 119 1,2,4-Trimethylbenzene, CAS: 95-63-6

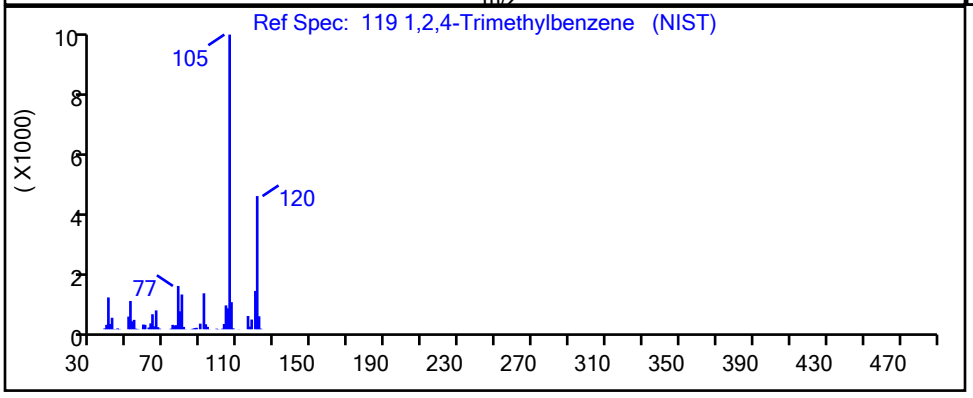
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.26 | 105.00 | 455 | 0.026360 |
| 10.26 | 120.00 | 362 | |

Reviewer: martineze, 20-Sep-2021 15:18:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

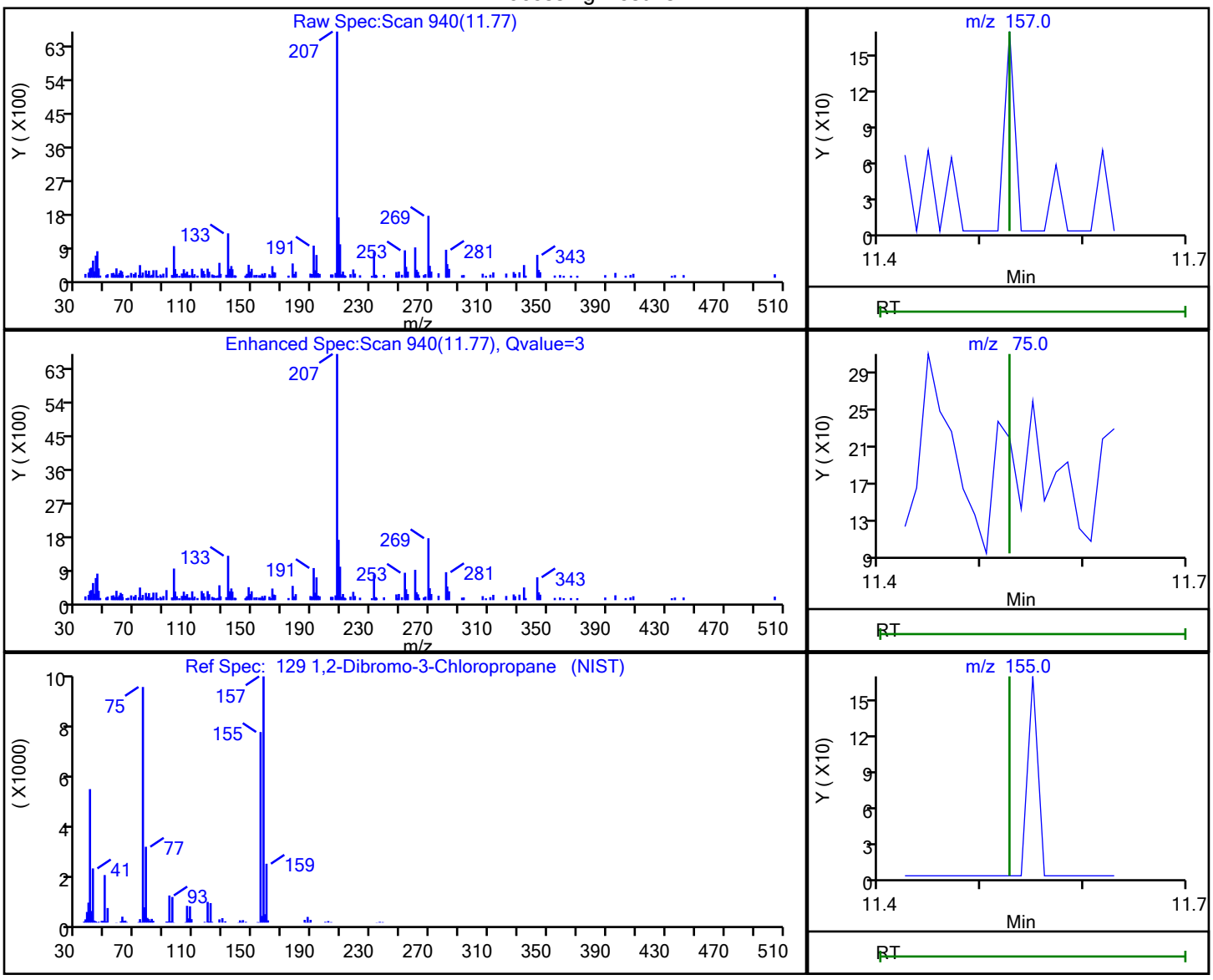
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 129 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.77 | 157.00 | 143 | 0.090422 |
| 11.78 | 75.00 | 125 | |
| 11.77 | 155.00 | 44 | |

Reviewer: martineze, 20-Sep-2021 15:18:49

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

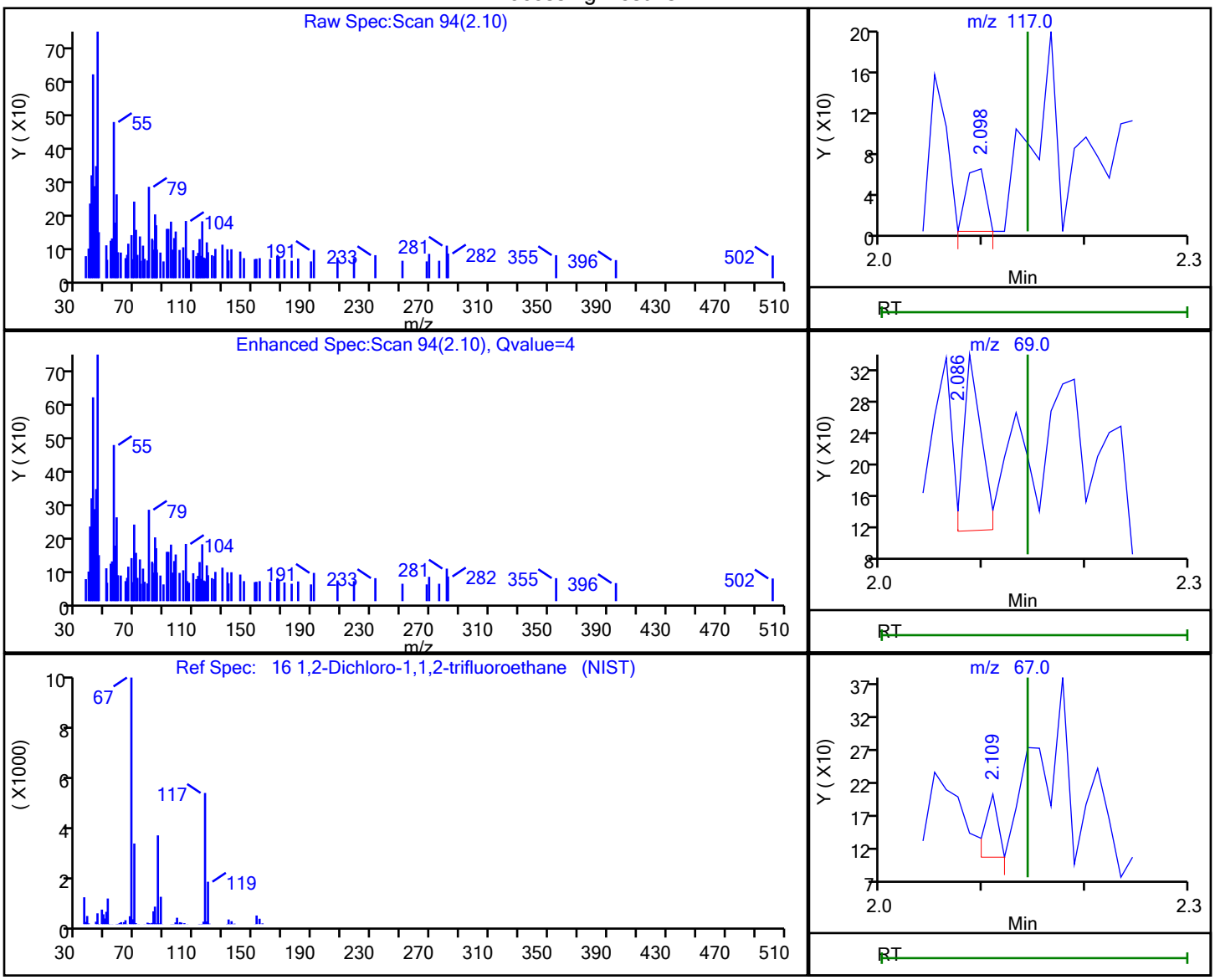
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 16 1,2-Dichloro-1,1,2-trifluoroethane, CAS: 354-23-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.10 | 117.00 | 81 | 0.018584 |
| 2.09 | 69.00 | 269 | |
| 2.11 | 67.00 | 86 | |
| 2.11 | 119.00 | 206 | |

Reviewer: martineze, 20-Sep-2021 15:13:35
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

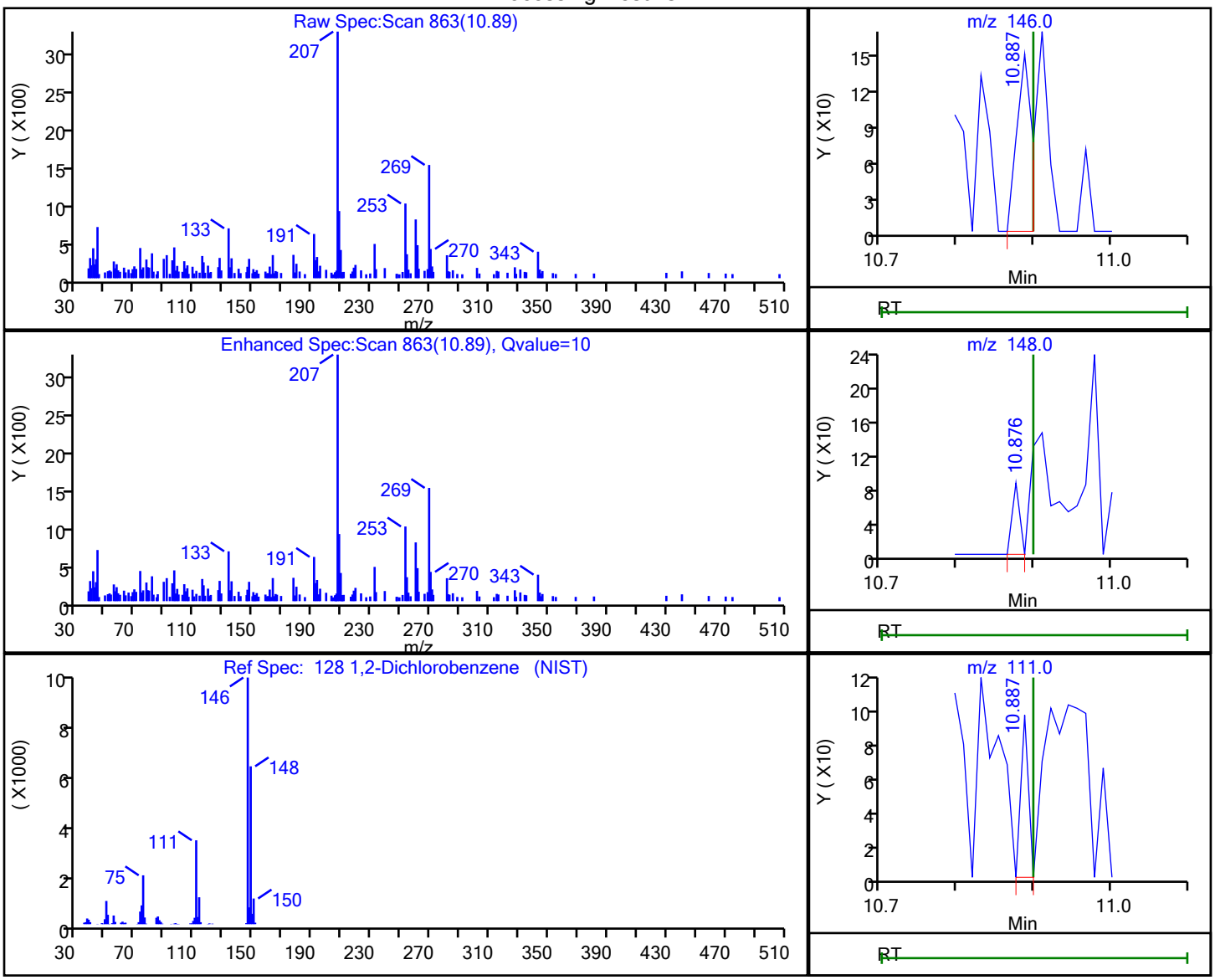
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.89 | 146.00 | 207 | 0.021518 |
| 10.88 | 148.00 | 58 | |
| 10.89 | 111.00 | 65 | |

Reviewer: martineze, 20-Sep-2021 15:18:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

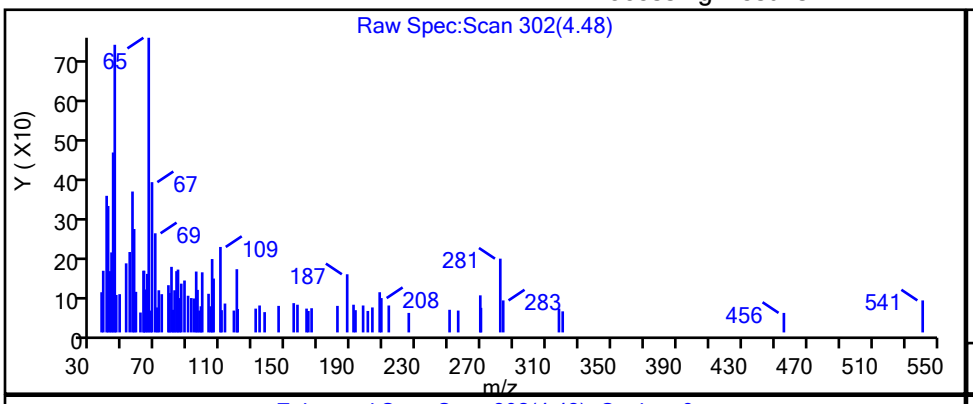
User Disabled Compound Report

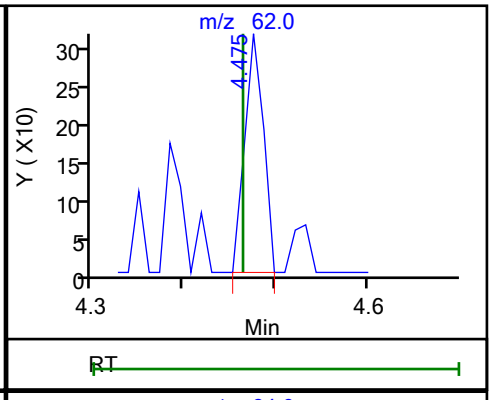
Eurofins TestAmerica, Edison

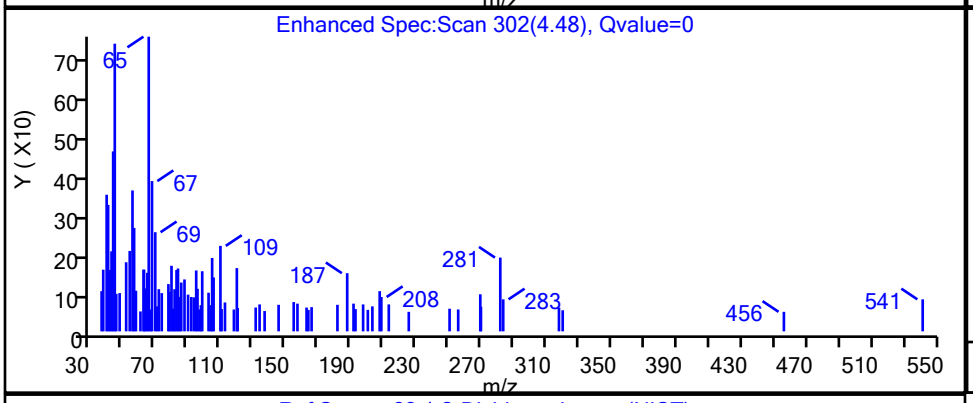
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

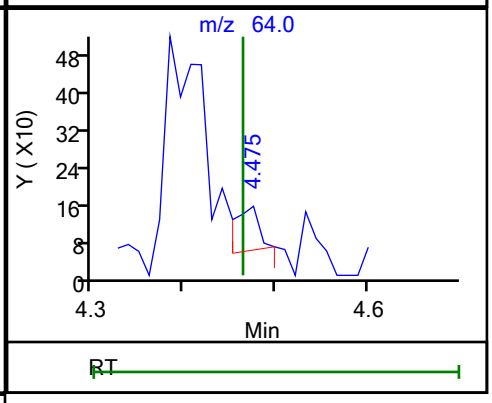
## 63 1,2-Dichloroethane, CAS: 107-06-2

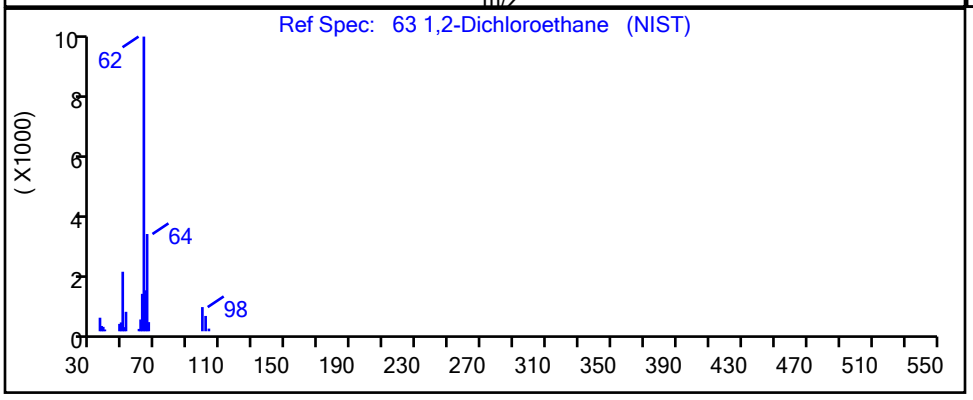
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.48 | 62.00 | 448 | 0.068837 |
| 4.48 | 64.00 | 179 | |

Reviewer: martineze, 20-Sep-2021 15:15:49

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

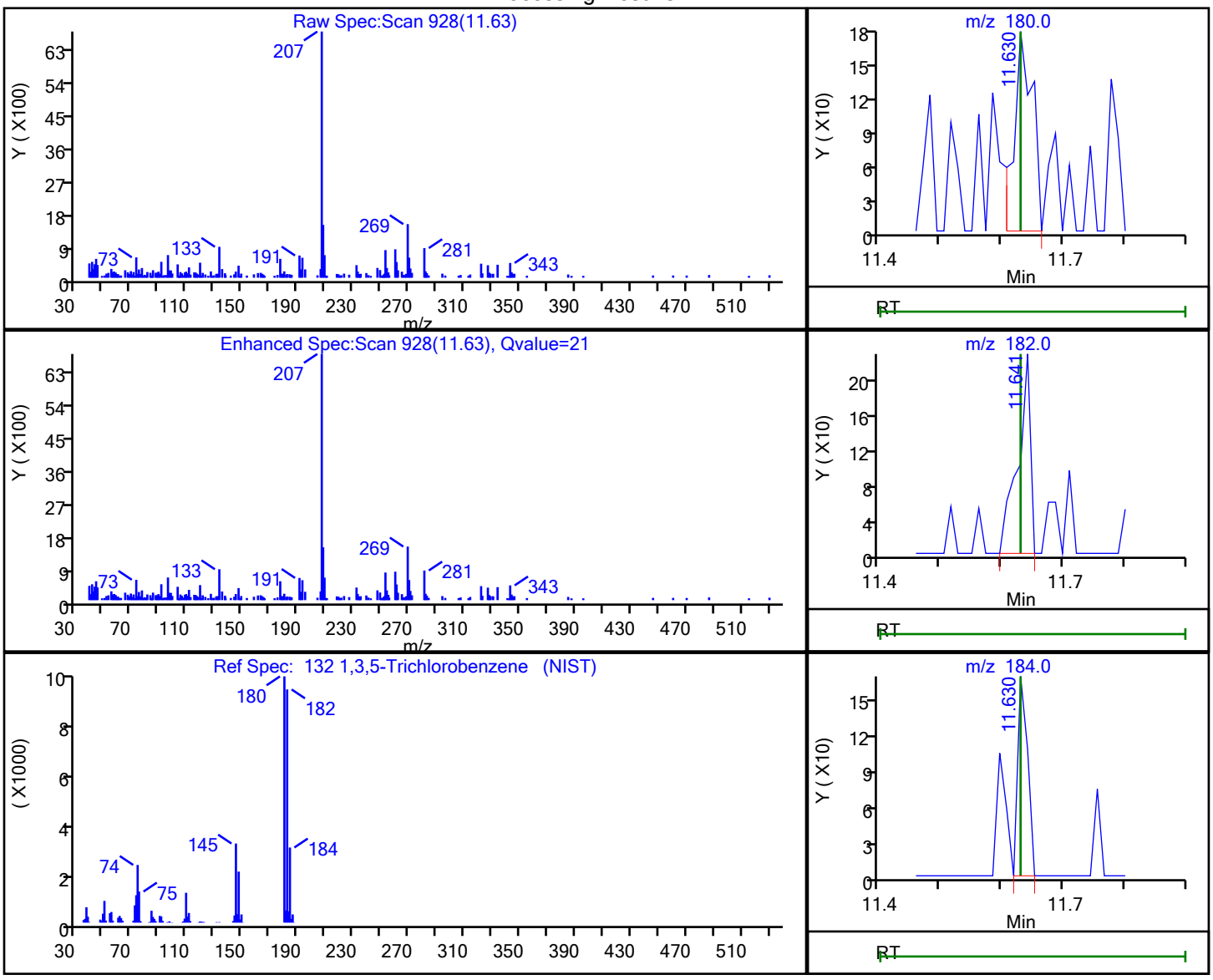
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 132 1,3,5-Trichlorobenzene, CAS: 108-70-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.63 | 180.00 | 374 | 0.055580 |
| 11.64 | 182.00 | 324 | |
| 11.63 | 184.00 | 180 | |

Reviewer: martineze, 20-Sep-2021 15:18:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

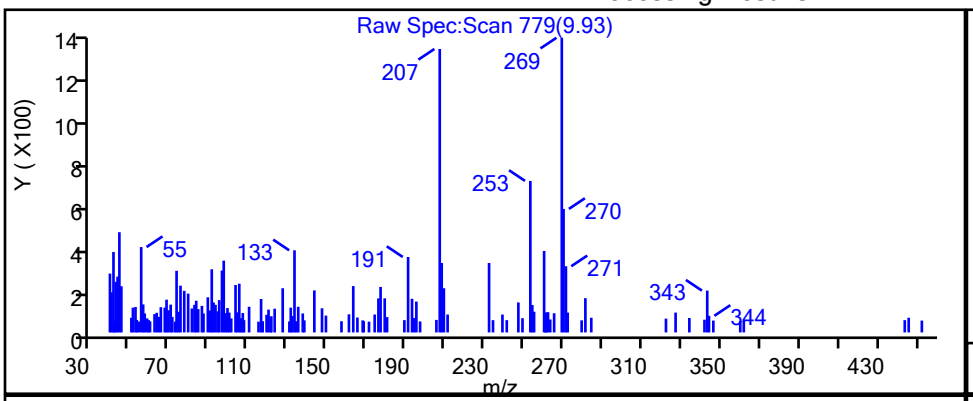
User Disabled Compound Report

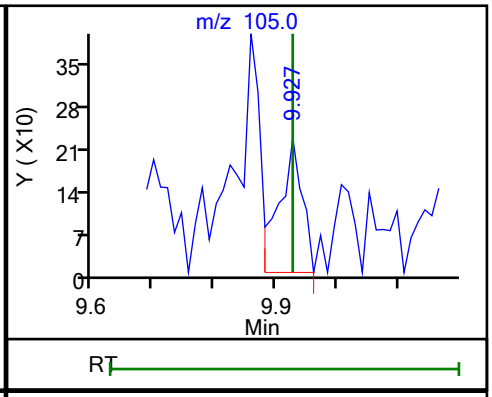
Eurofins TestAmerica, Edison

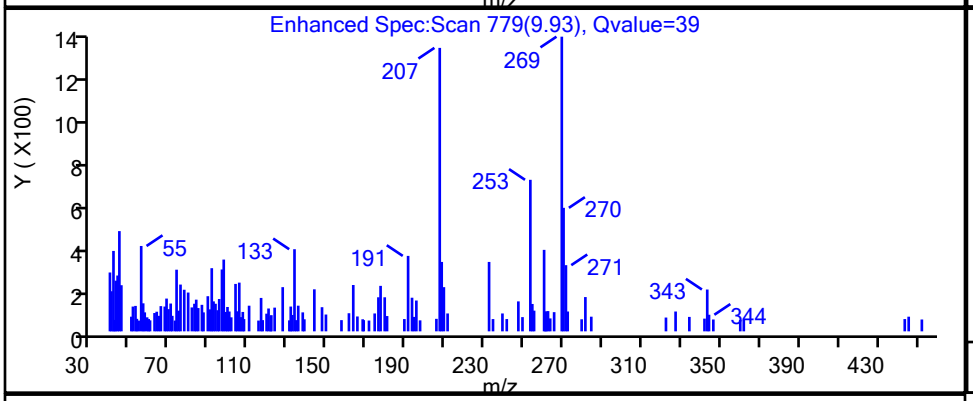
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

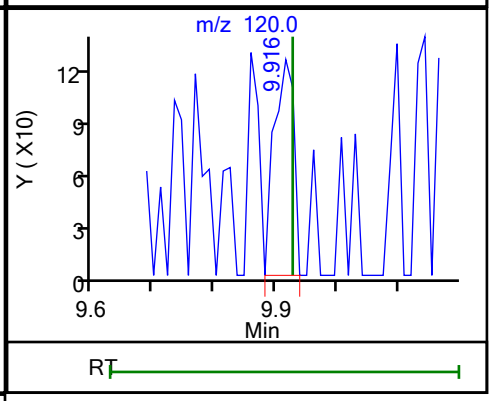
## 116 1,3,5-Trimethylbenzene, CAS: 108-67-8

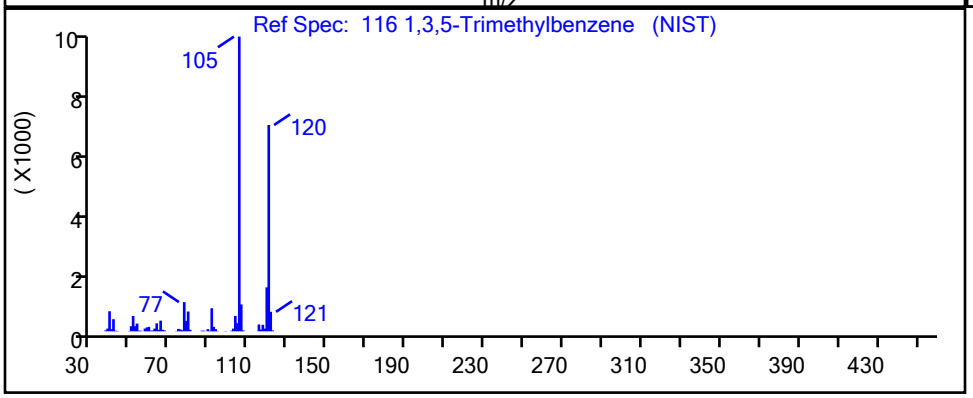
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.93 | 105.00 | 604 | 0.035583 |
| 9.92 | 120.00 | 276 | |

Reviewer: martineze, 20-Sep-2021 15:18:08

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

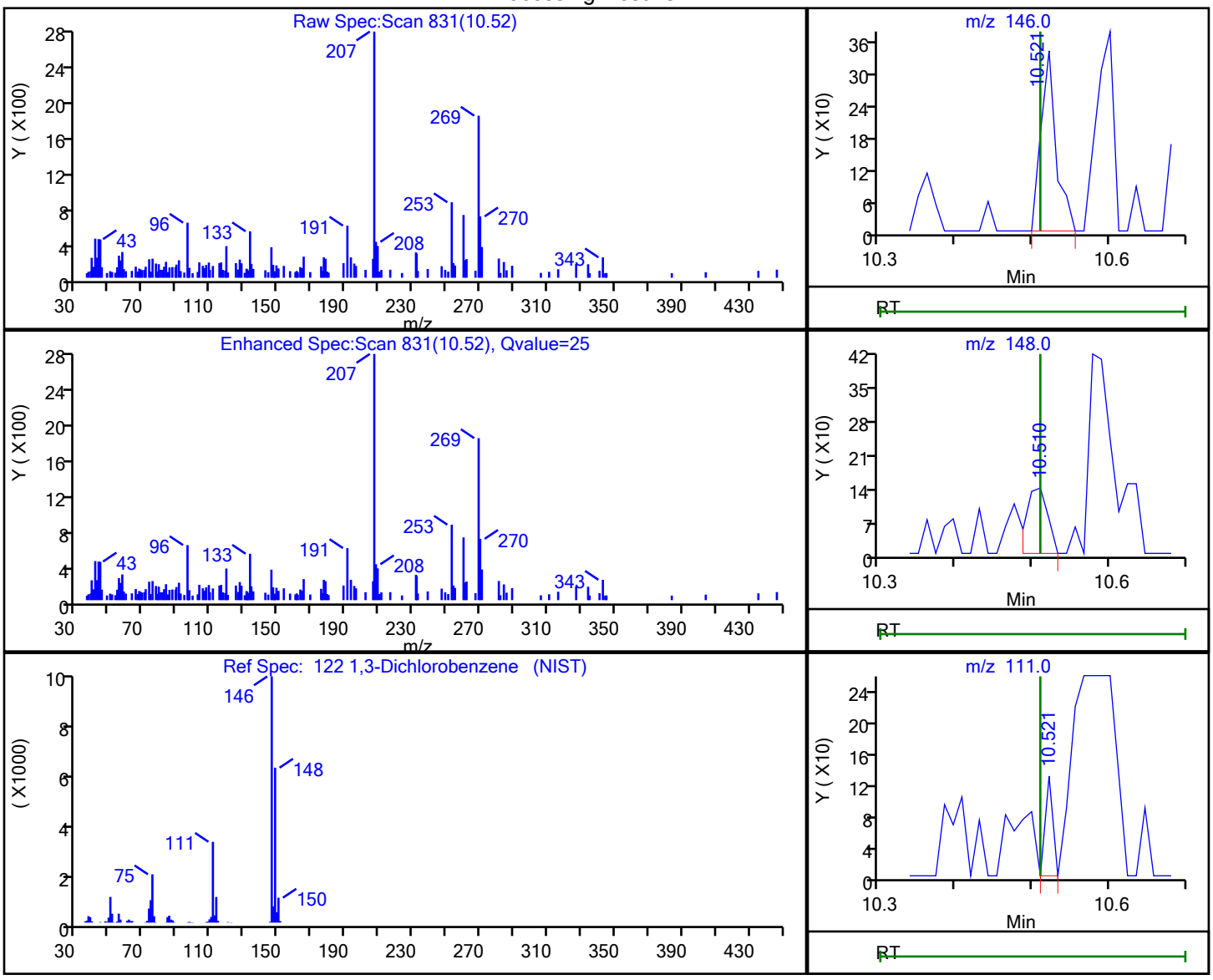
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 122 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.52 | 146.00 | 464 | 0.046732 |
| 10.51 | 148.00 | 265 | |
| 10.52 | 111.00 | 88 | |

Reviewer: martineze, 20-Sep-2021 15:18:11

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

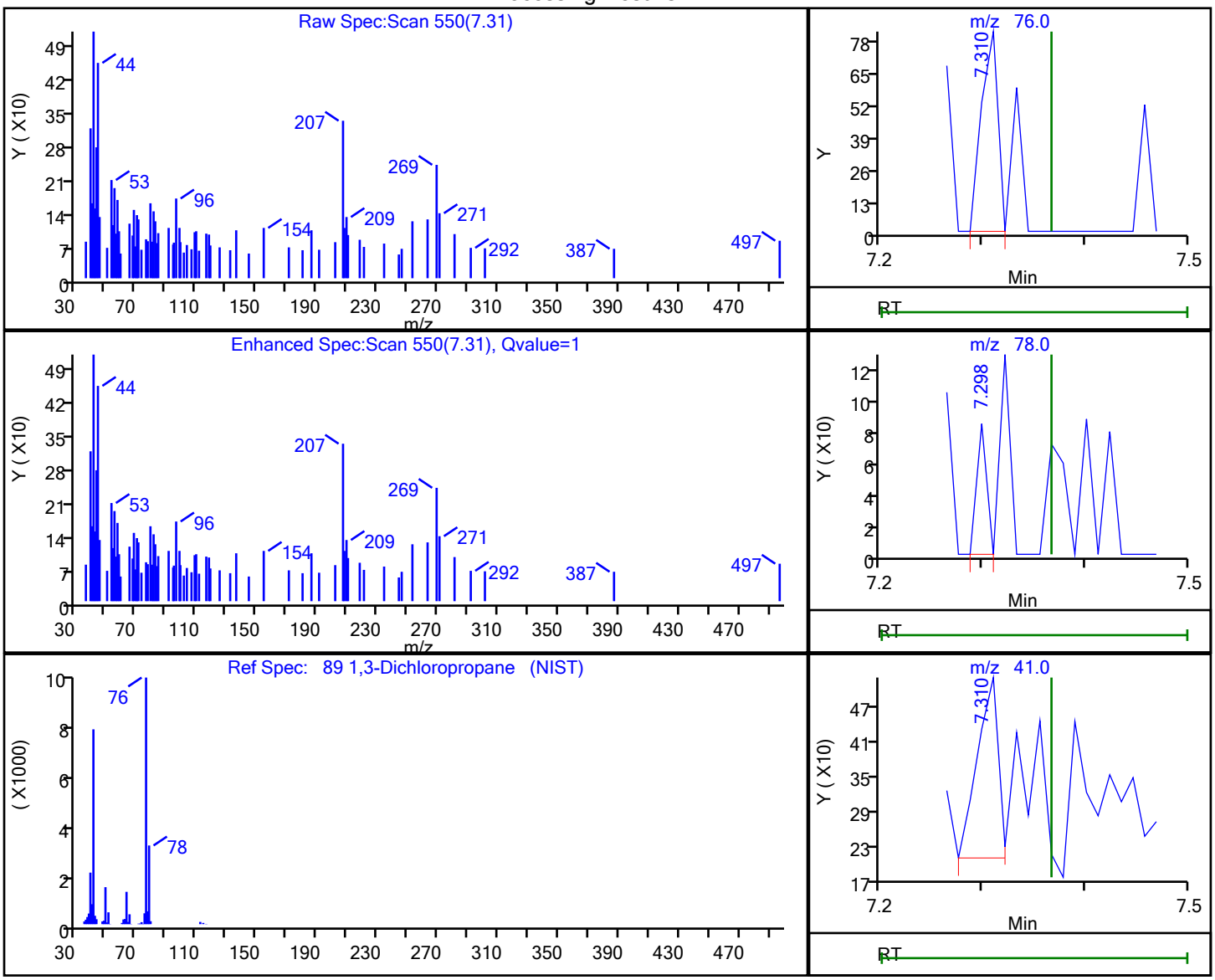
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 89 1,3-Dichloropropane, CAS: 142-28-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.31 | 76.00 | 93 | 0.012426 |
| 7.30 | 78.00 | 57 | |
| 7.31 | 41.00 | 442 | |

Reviewer: martineze, 20-Sep-2021 15:16:46

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

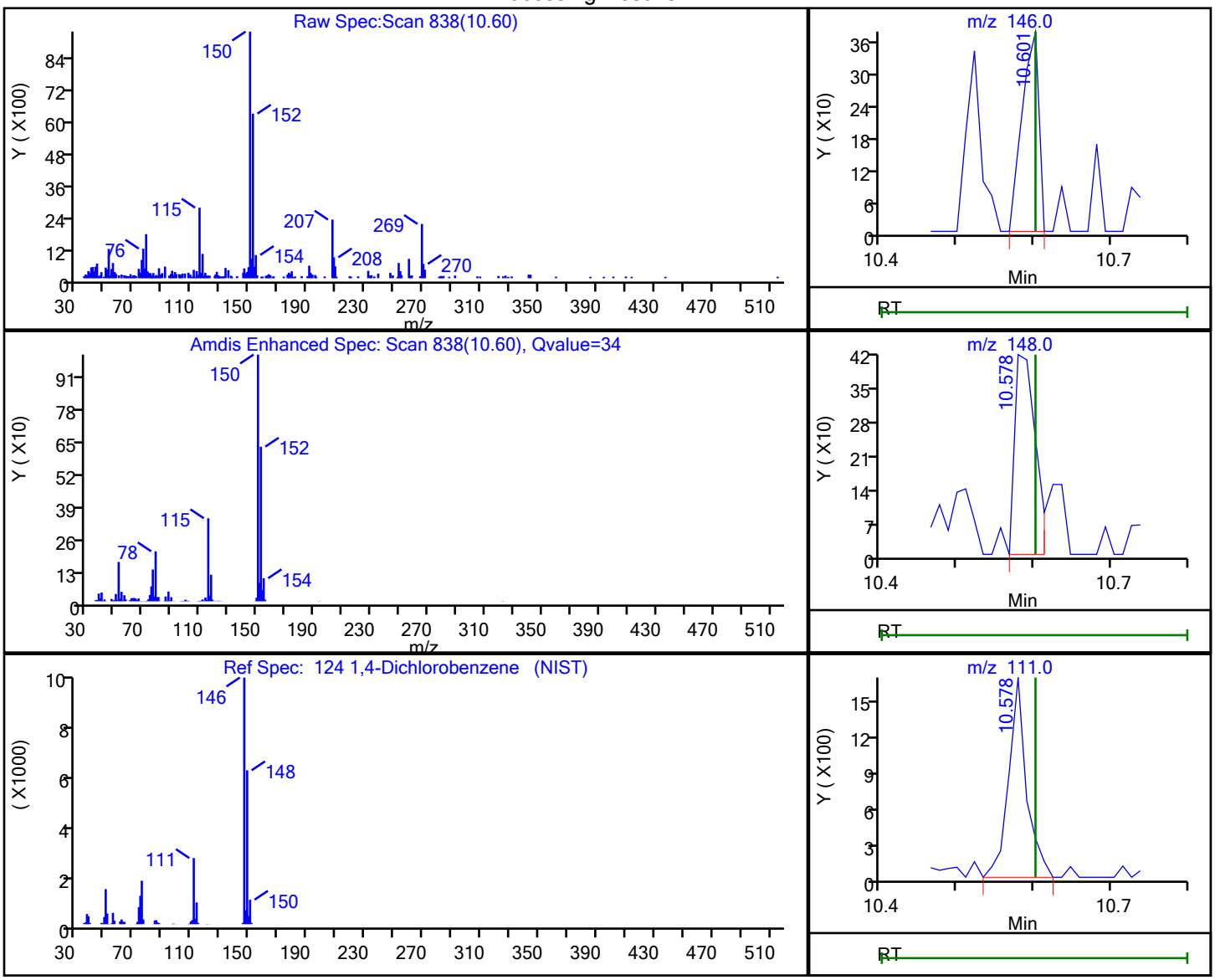
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 124 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.60 | 146.00 | 567 | 0.055394 |
| 10.58 | 148.00 | 785 | |
| 10.58 | 111.00 | 2686 | |

Reviewer: martineze, 20-Sep-2021 15:18:38
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

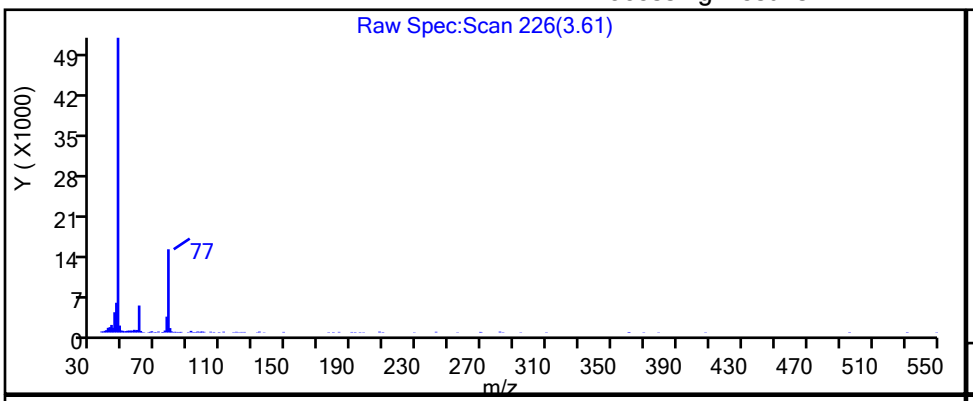
User Disabled Compound Report

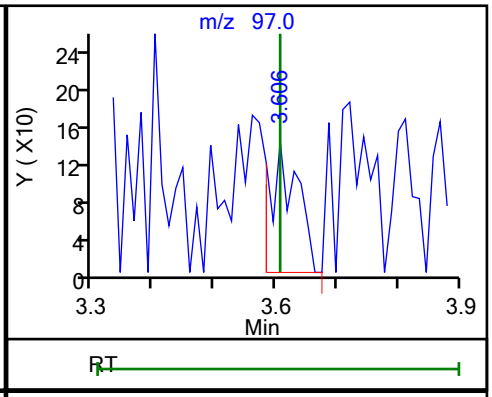
Eurofins TestAmerica, Edison

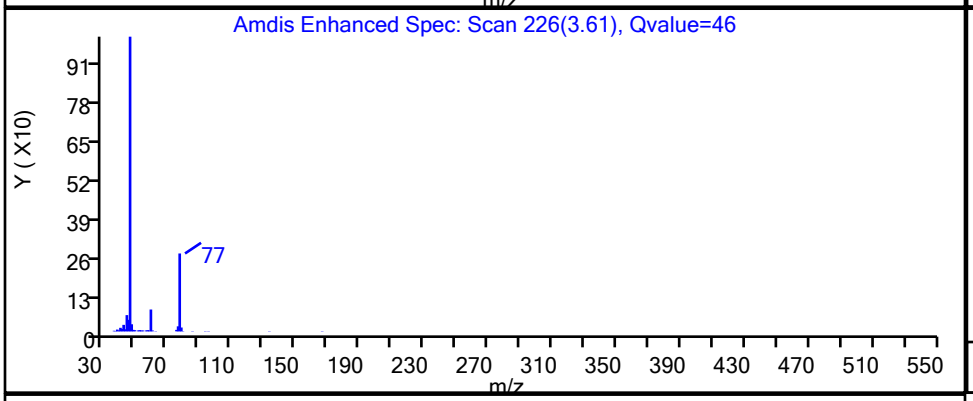
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

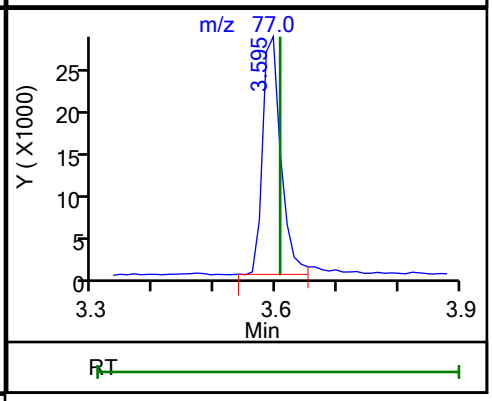
## 43 2,2-Dichloropropane, CAS: 594-20-7

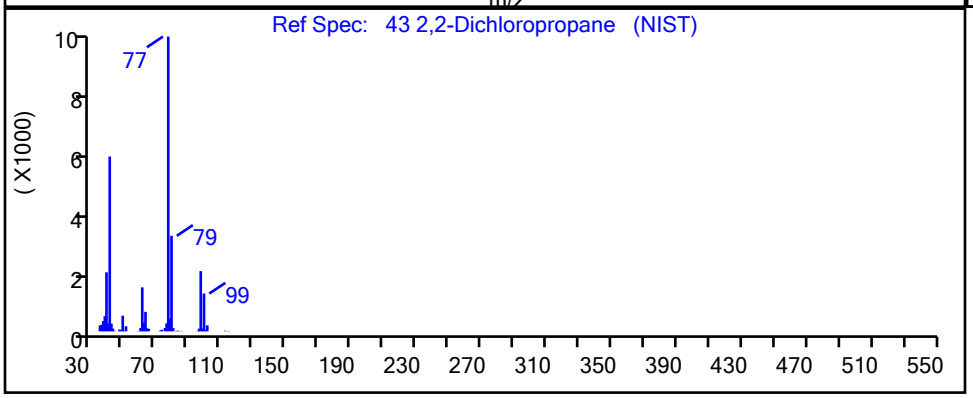
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.61 | 97.00 | 432 | 0.224437 |
| 3.59 | 77.00 | 59053 | |

Reviewer: martineze, 20-Sep-2021 15:15:18

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

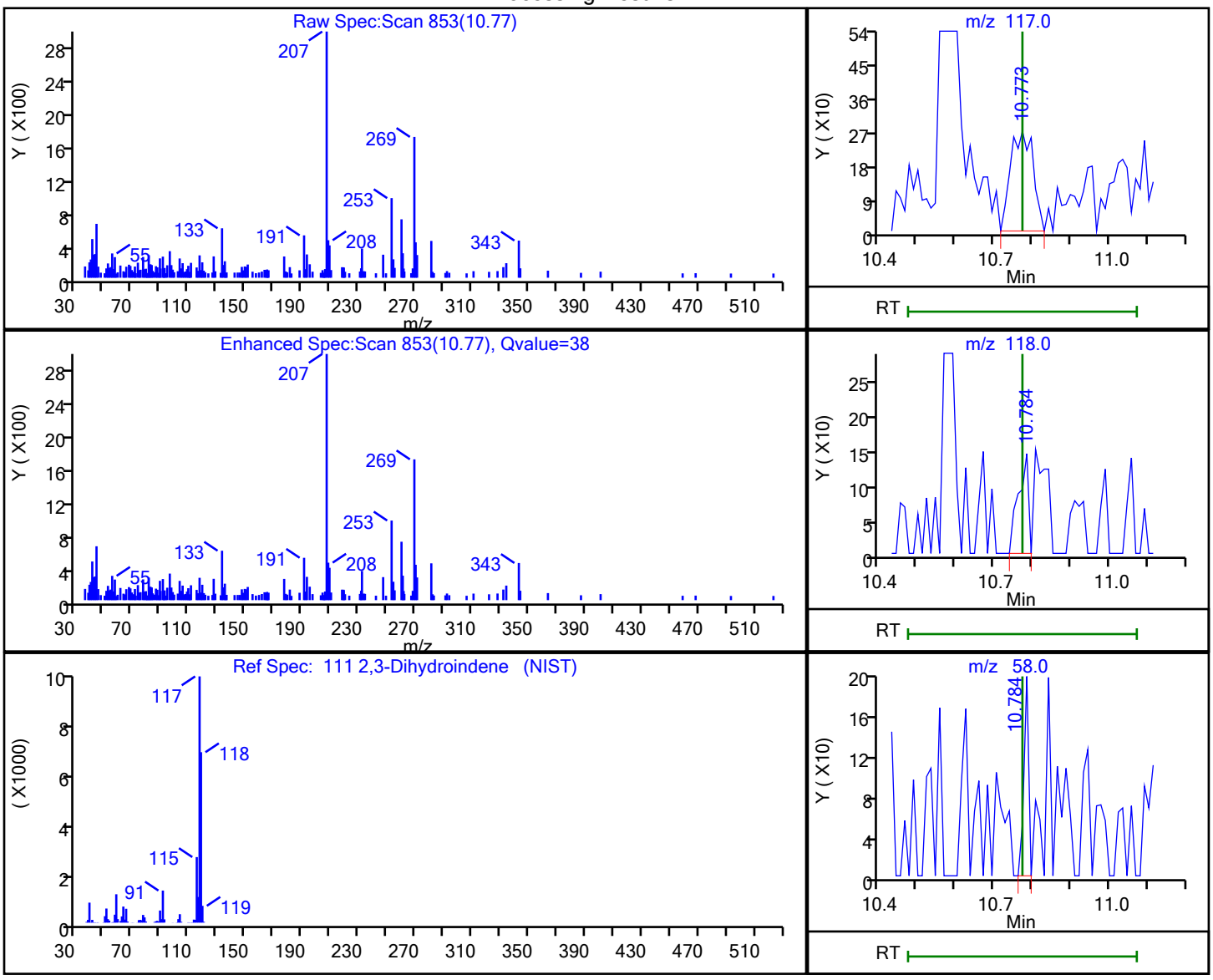
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 111 2,3-Dihydroindene, CAS: 496-11-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.77 | 117.00 | 1091 | 0.061985 |
| 10.78 | 118.00 | 261 | |
| 10.78 | 58.00 | 165 | |

Reviewer: martineze, 20-Sep-2021 15:18:41
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

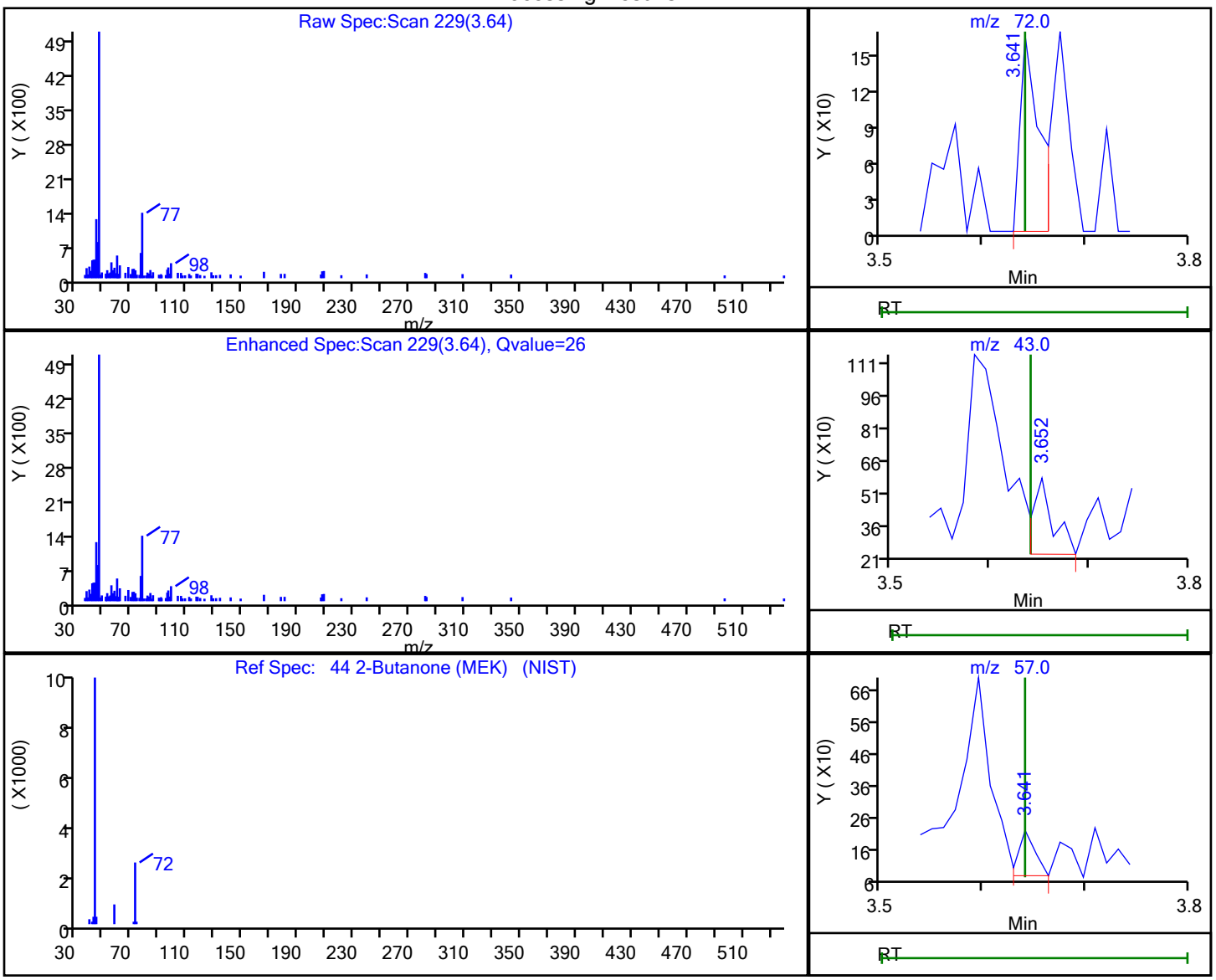
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 44 2-Butanone (MEK), CAS: 78-93-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.64 | 72.00 | 217 | 0.342764 |
| 3.65 | 43.00 | 519 | |
| 3.64 | 57.00 | 160 | |

Reviewer: martineze, 20-Sep-2021 15:15:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

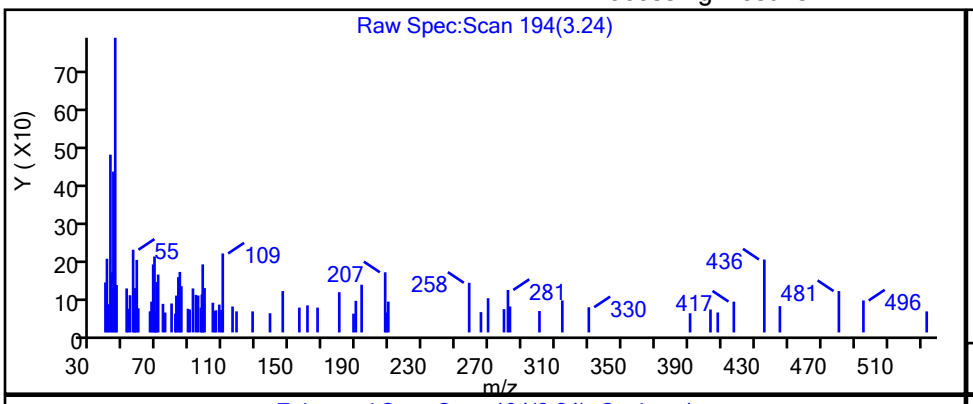
User Disabled Compound Report

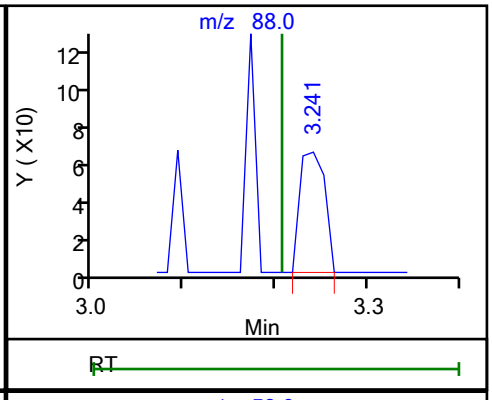
Eurofins TestAmerica, Edison

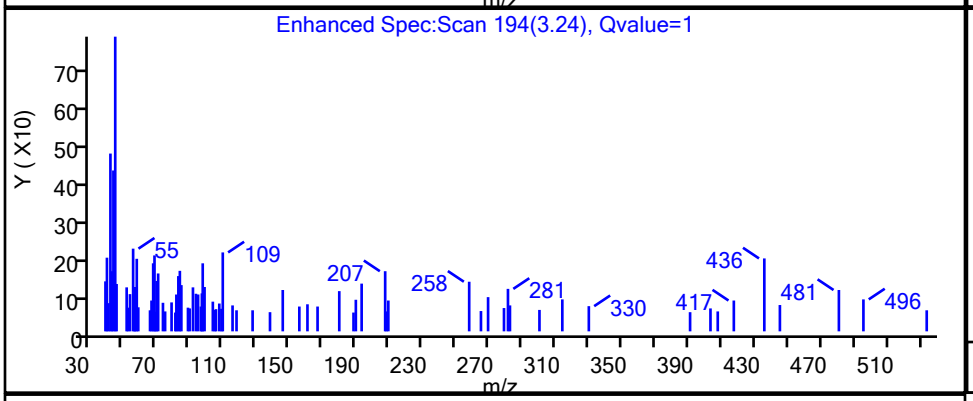
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

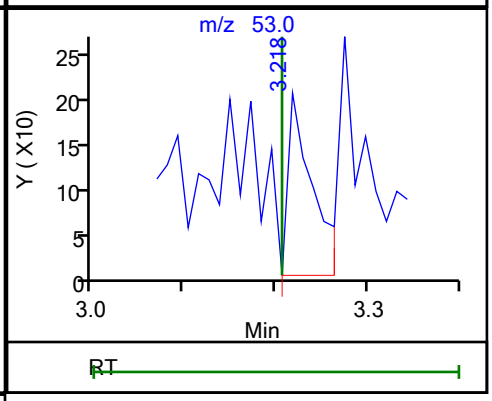
## 39 2-Chloro-1,3-butadiene, CAS: 126-99-8

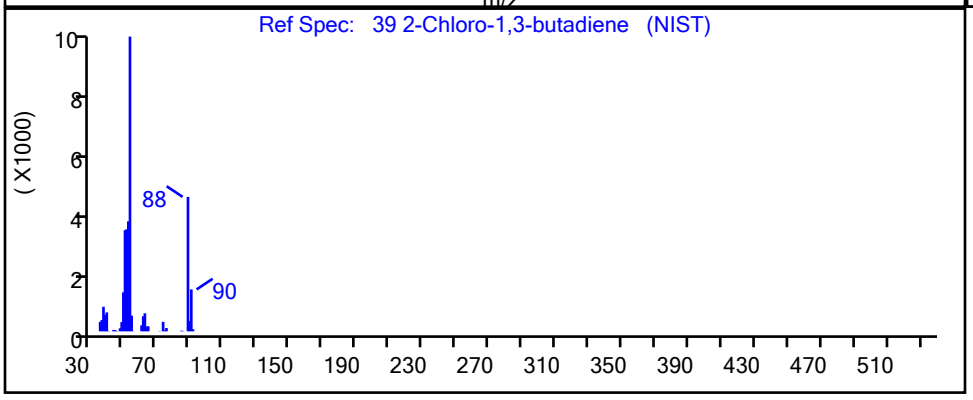
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.24 | 88.00 | 120 | 0.025213 |
| 3.22 | 53.00 | 380 | |

Reviewer: martineze, 20-Sep-2021 15:15:16

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

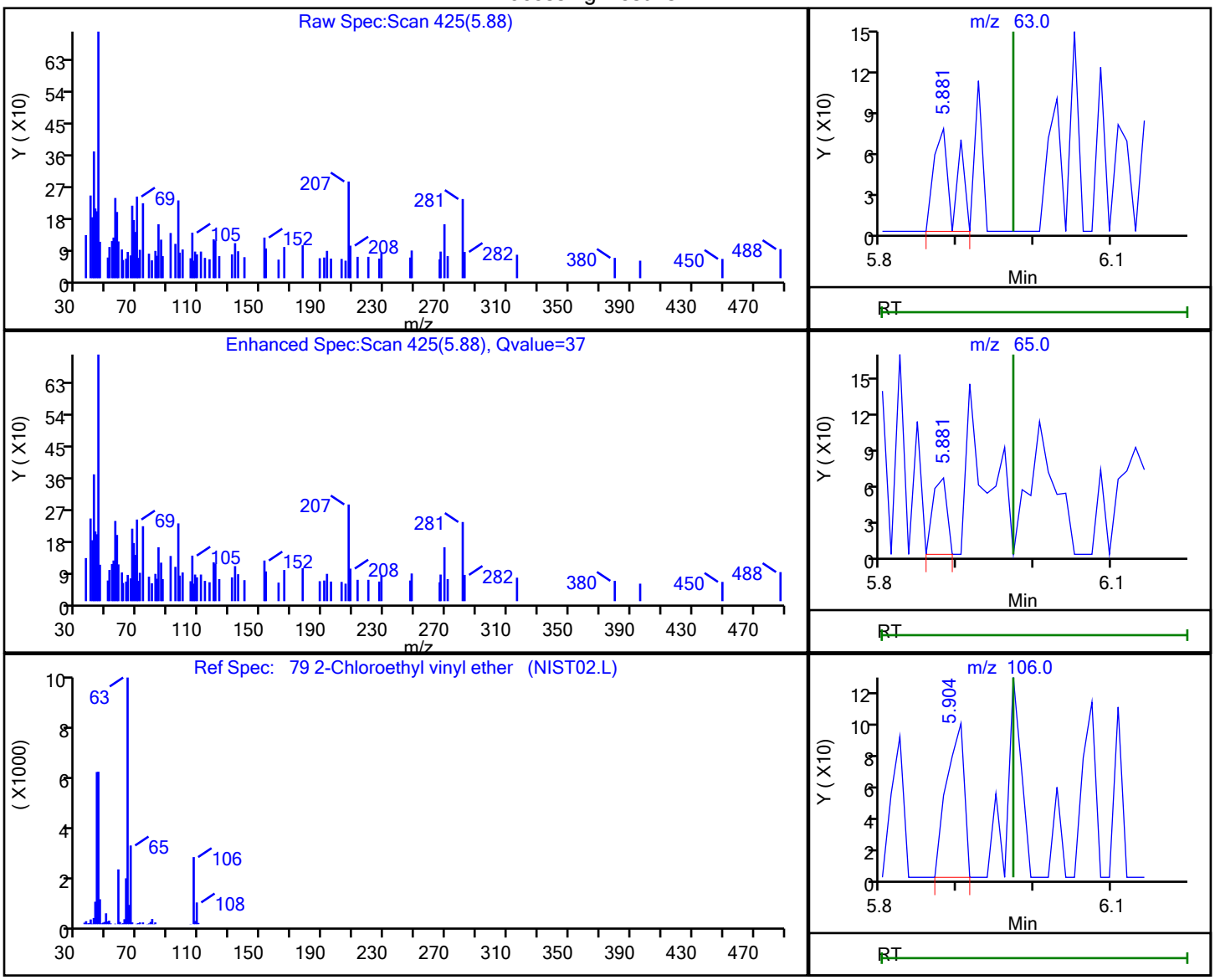
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 79 2-Chloroethyl vinyl ether, CAS: 110-75-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.88 | 63.00 | 136 | 0.043835 |
| 5.88 | 65.00 | 83 | |
| 5.90 | 106.00 | 149 | |

Reviewer: martineze, 20-Sep-2021 15:16:22

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

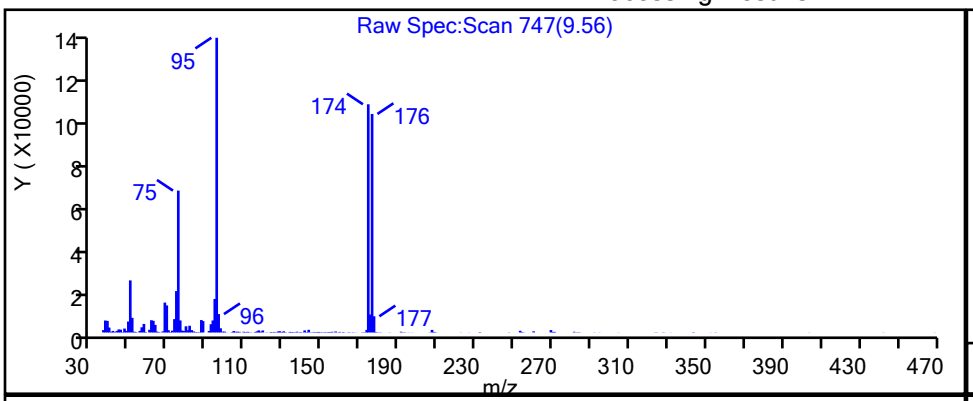
User Disabled Compound Report

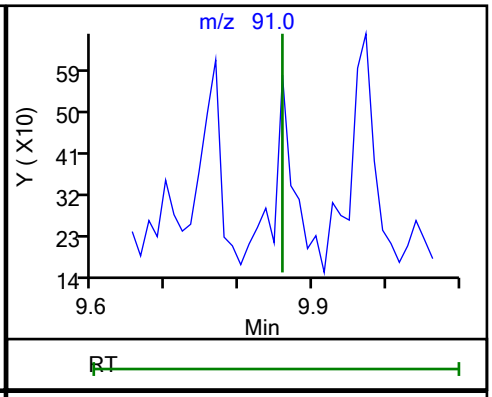
Eurofins TestAmerica, Edison

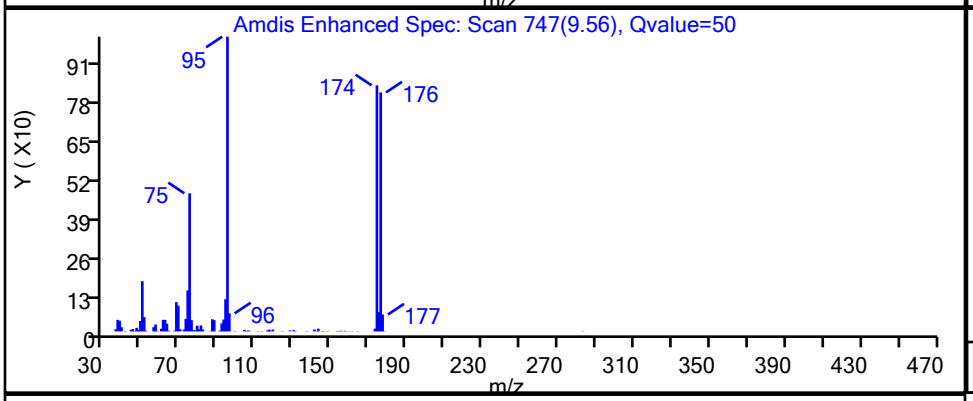
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

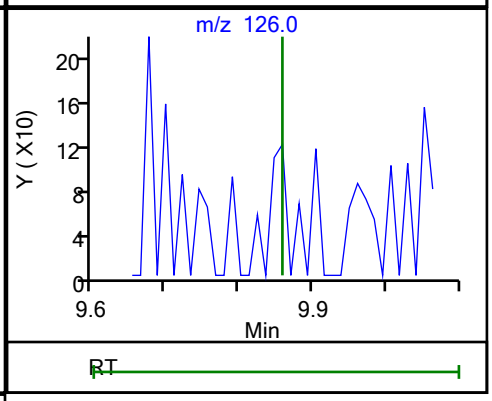
## 114 2-Chlorotoluene, CAS: 95-49-8

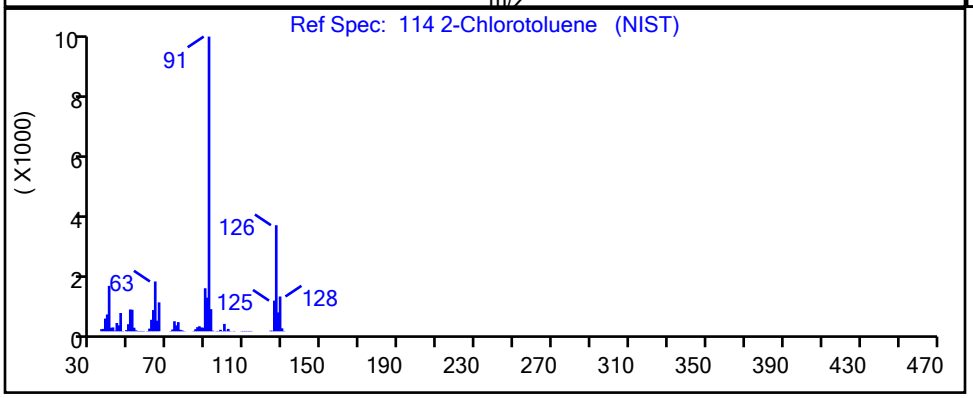
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.56 | 91.00 | 883 | 0.053340 |
| 9.58 | 126.00 | 355 | |

Reviewer: martineze, 20-Sep-2021 15:18:05

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

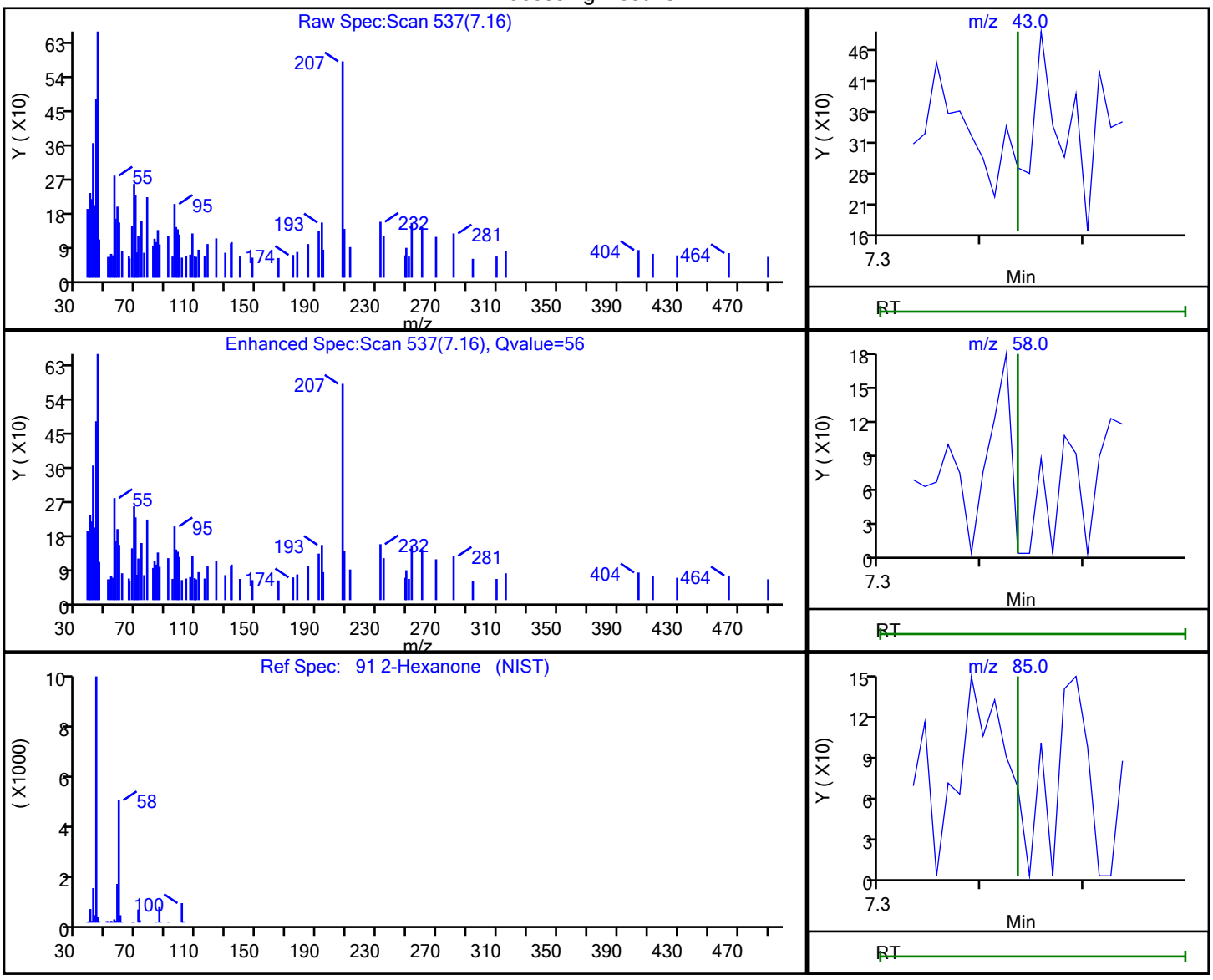
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 91 2-Hexanone, CAS: 591-78-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.16 | 43.00 | 237 | 0.088537 |
| 7.16 | 58.00 | 185 | |
| 7.17 | 85.00 | 227 | |
| 7.15 | 100.00 | 75 | |

Reviewer: martineze, 20-Sep-2021 15:16:51

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

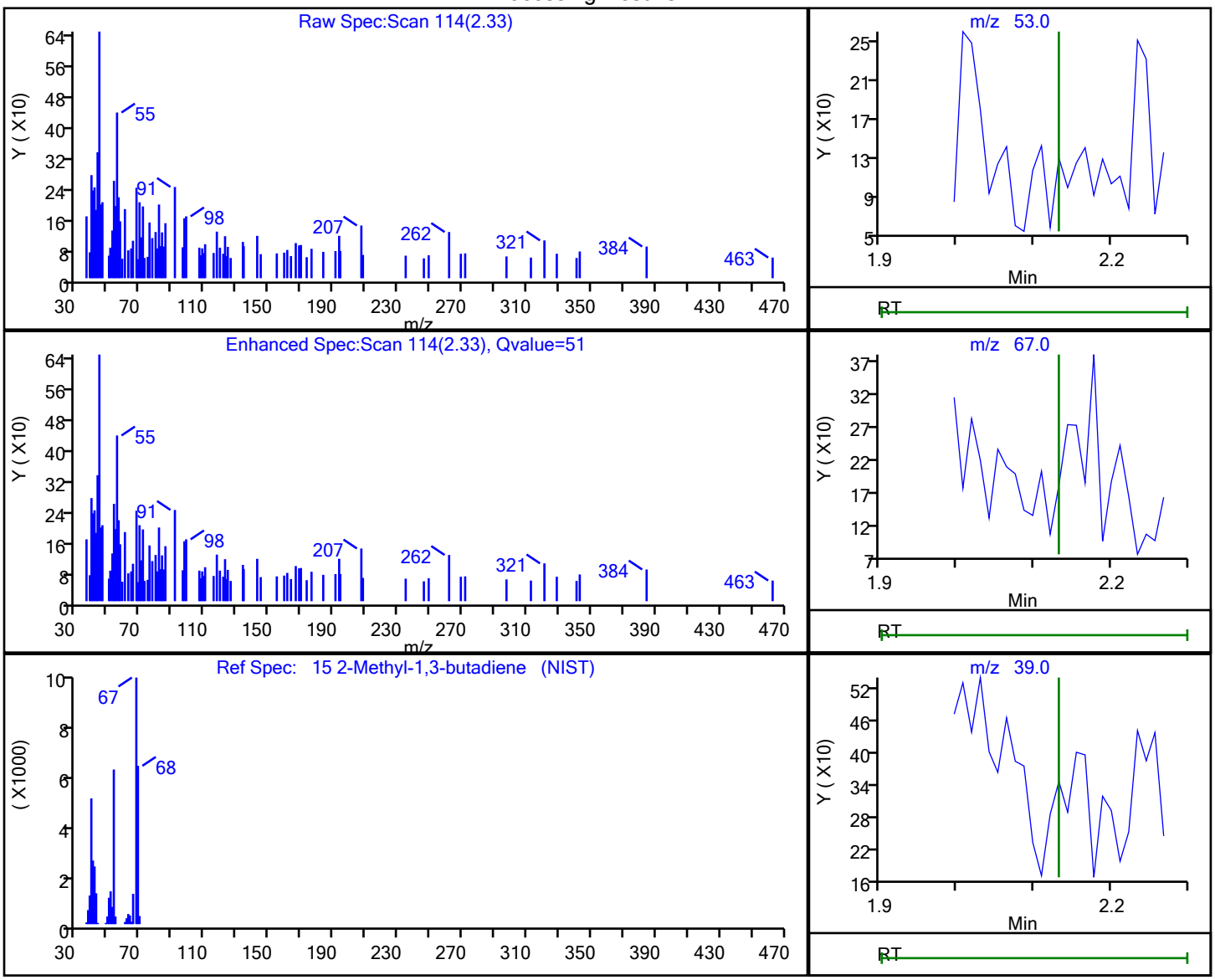
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 15 2-Methyl-1,3-butadiene, CAS: 78-79-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.33 | 53.00 | 296 | 0.067856 |
| 2.31 | 67.00 | 230 | |
| 2.34 | 39.00 | 213 | |

Reviewer: martineze, 20-Sep-2021 15:13:34
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

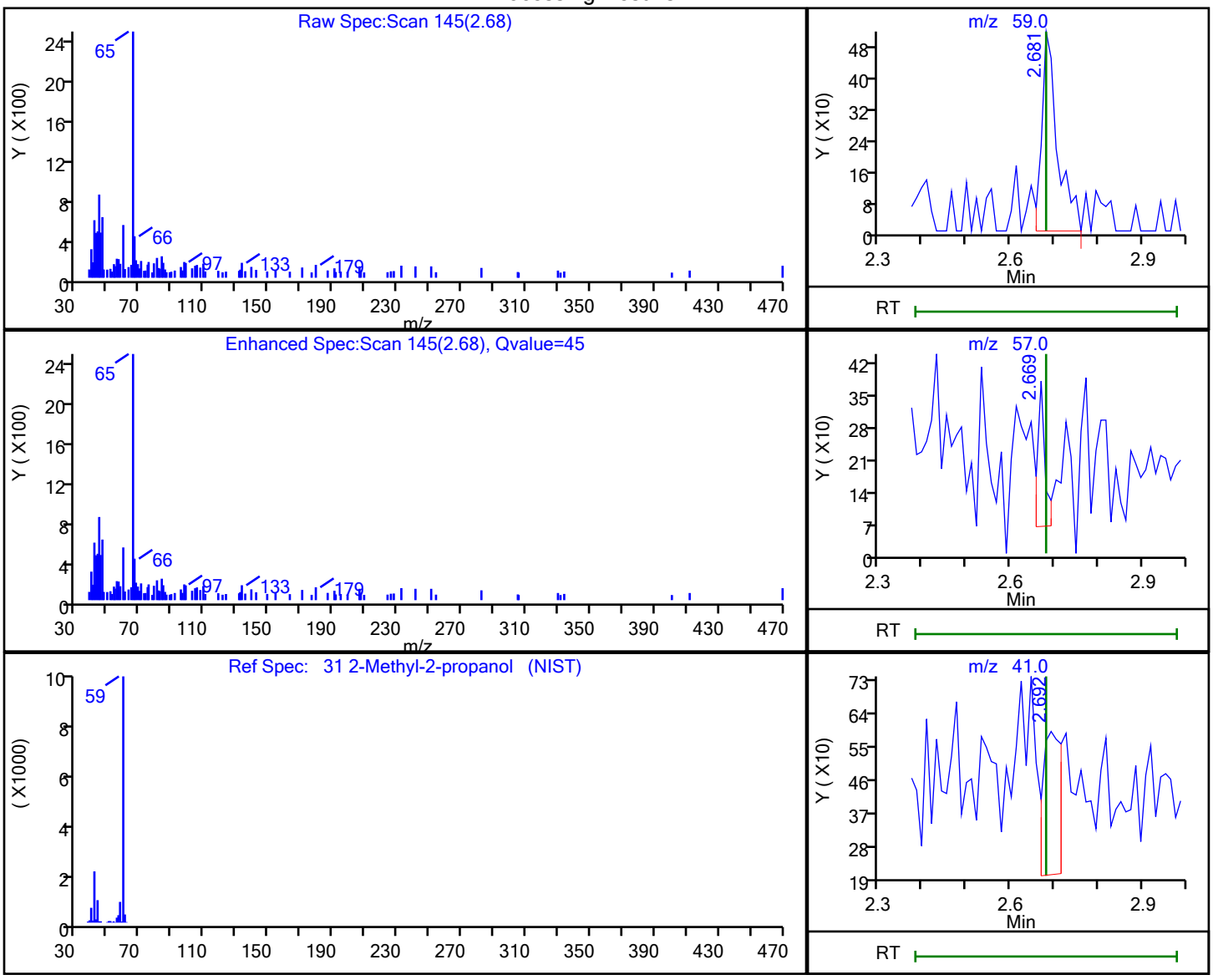
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 31 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.68 | 59.00 | 1300 | 2.658608 |
| 2.67 | 57.00 | 382 | |
| 2.69 | 41.00 | 1155 | |

Reviewer: martineze, 20-Sep-2021 15:14:06

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

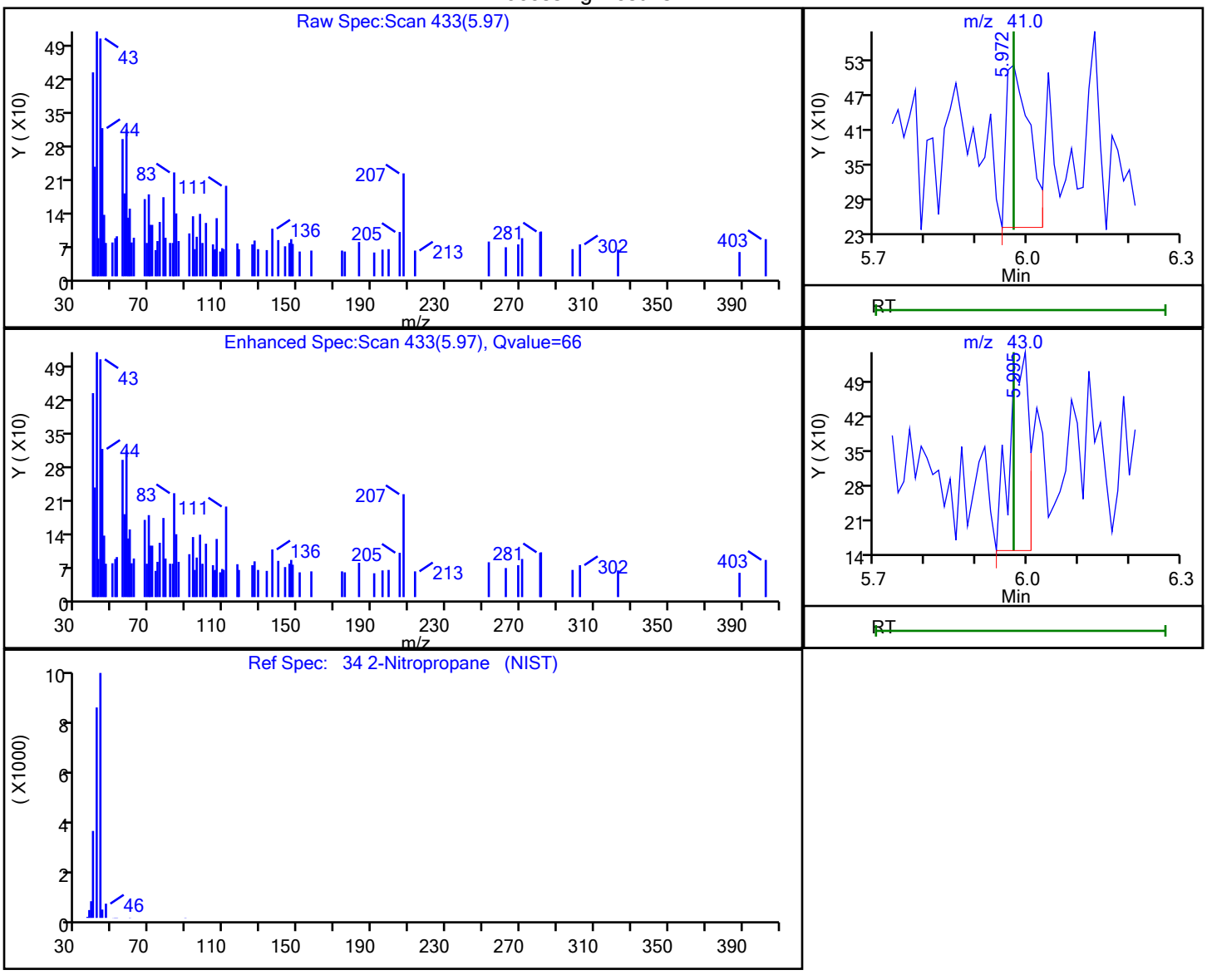
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 34 2-Nitropropane, CAS: 79-46-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.97 | 41.00 | 880 | 0.448662 |
| 6.00 | 43.00 | 1092 | |

Reviewer: martineze, 20-Sep-2021 15:08:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

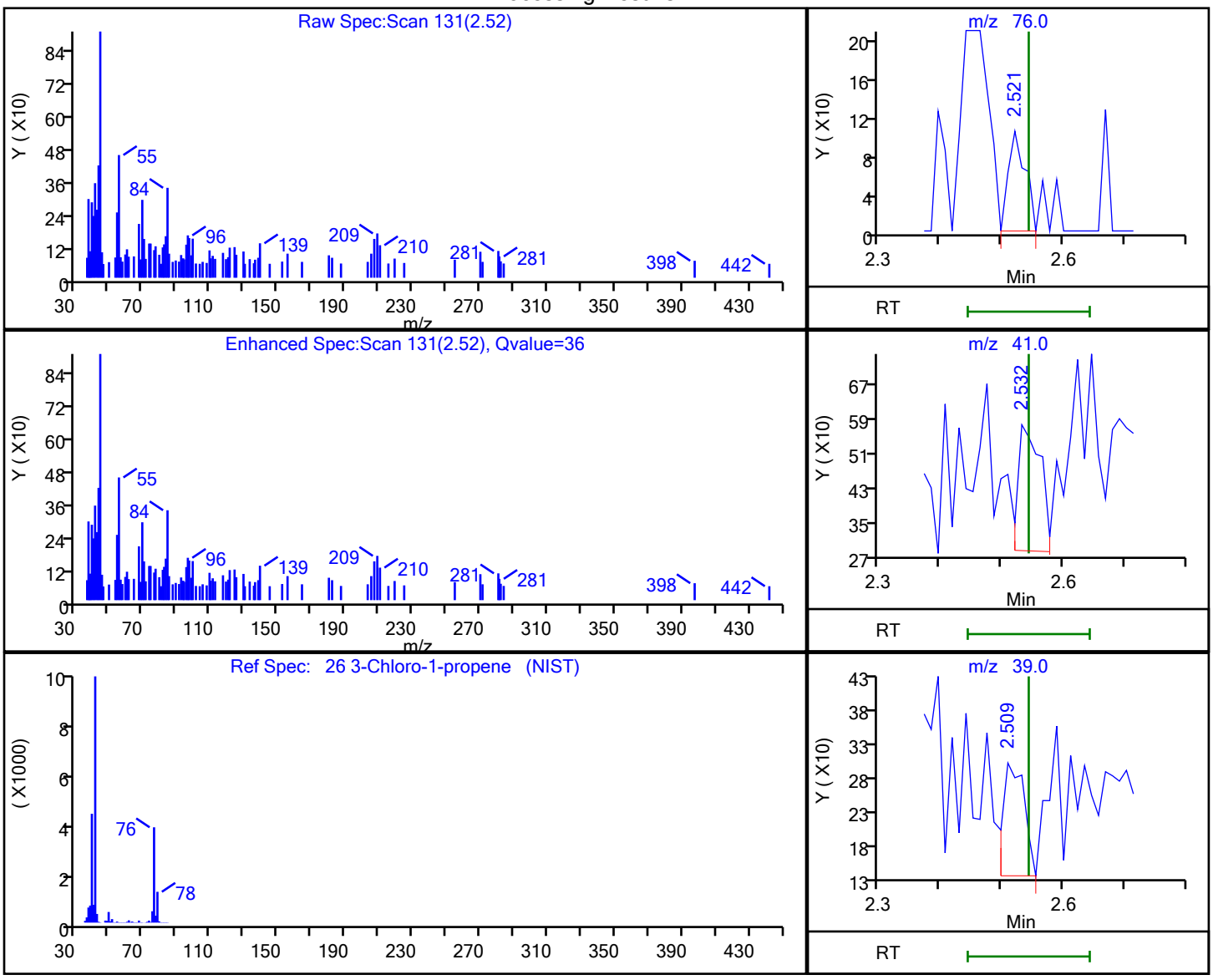
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.52 | 76.00 | 195 | 0.066493 |
| 2.53 | 41.00 | 752 | |
| 2.51 | 39.00 | 407 | |

Reviewer: martineze, 20-Sep-2021 15:13:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

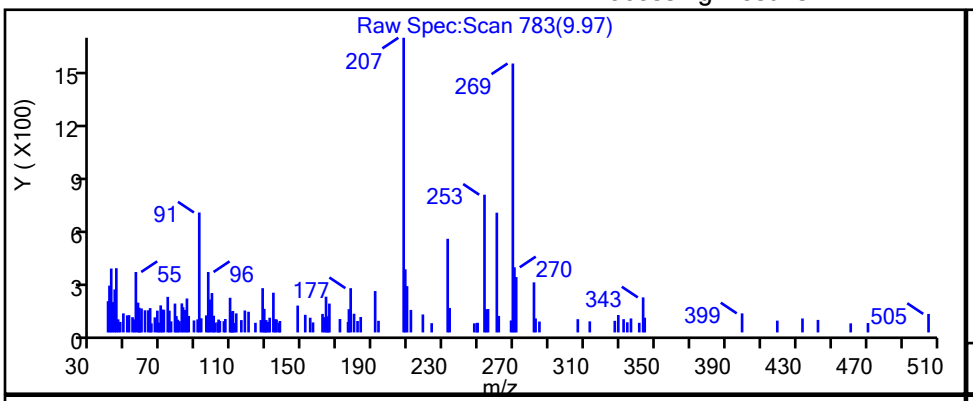
User Disabled Compound Report

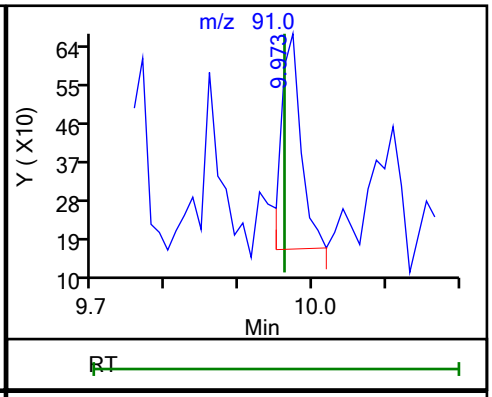
Eurofins TestAmerica, Edison

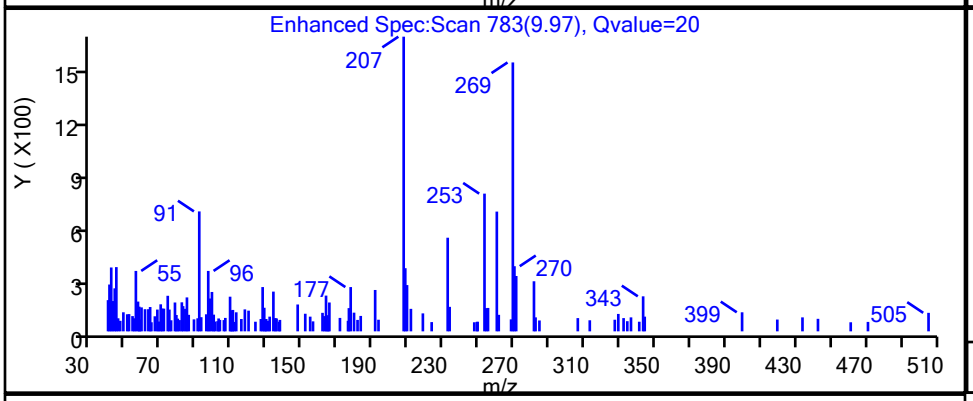
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

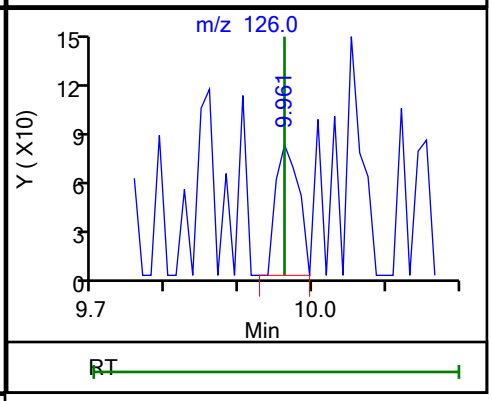
## 110 4-Chlorotoluene, CAS: 106-43-4

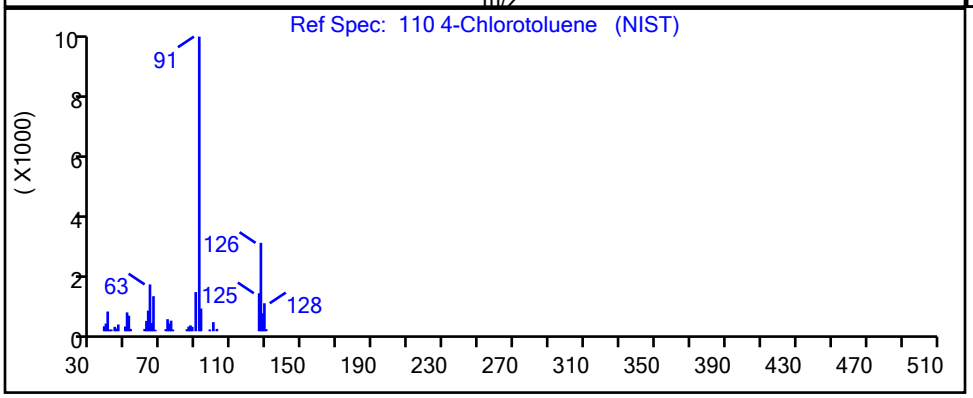
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.97 | 91.00 | 932 | 0.061193 |
| 9.96 | 126.00 | 178 | |

Reviewer: martineze, 20-Sep-2021 15:18:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

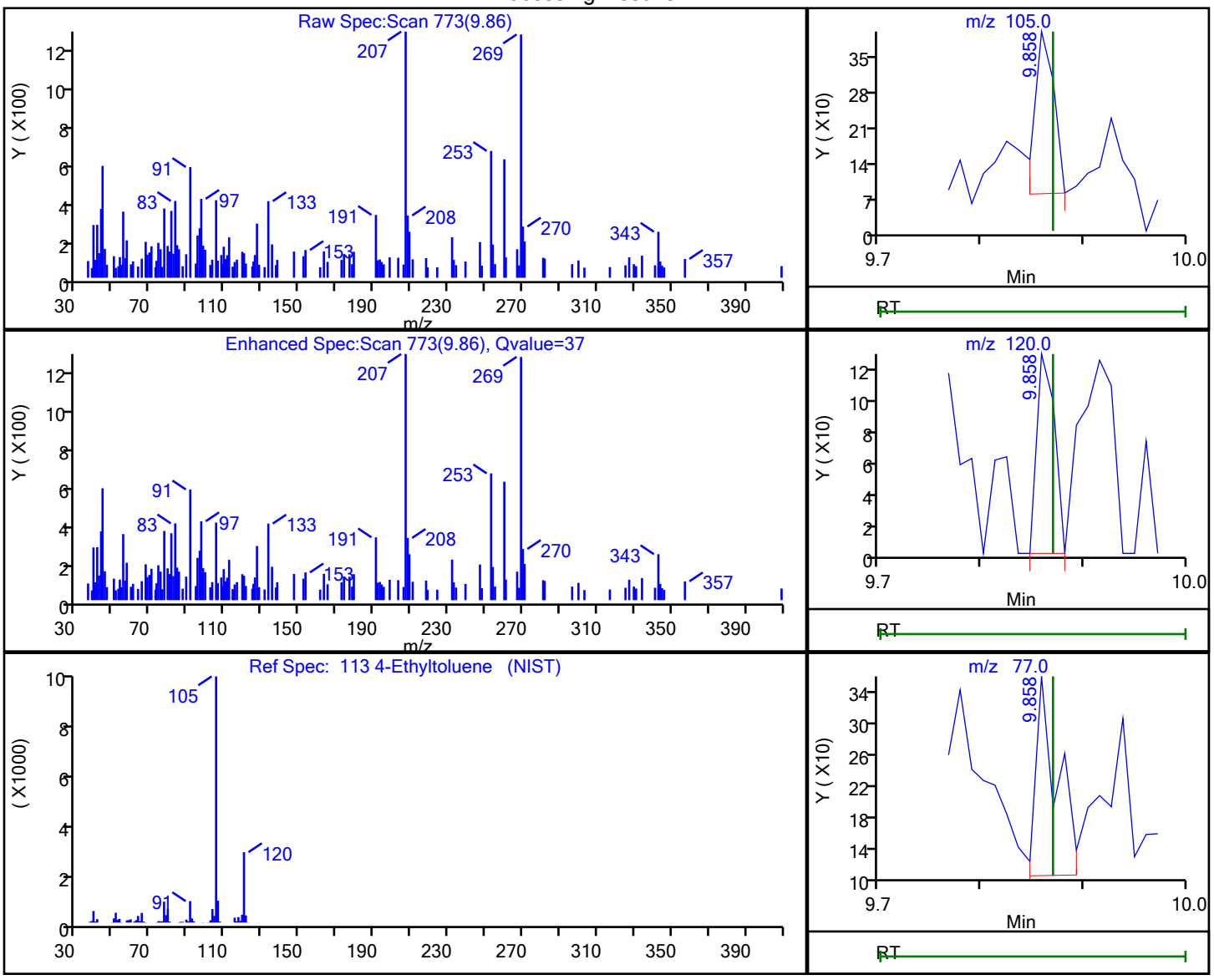
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 113 4-Ethyltoluene, CAS: 622-96-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.86 | 105.00 | 426 | 0.020530 |
| 9.86 | 120.00 | 152 | |
| 9.86 | 77.00 | 369 | |

Reviewer: martineze, 20-Sep-2021 15:18:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

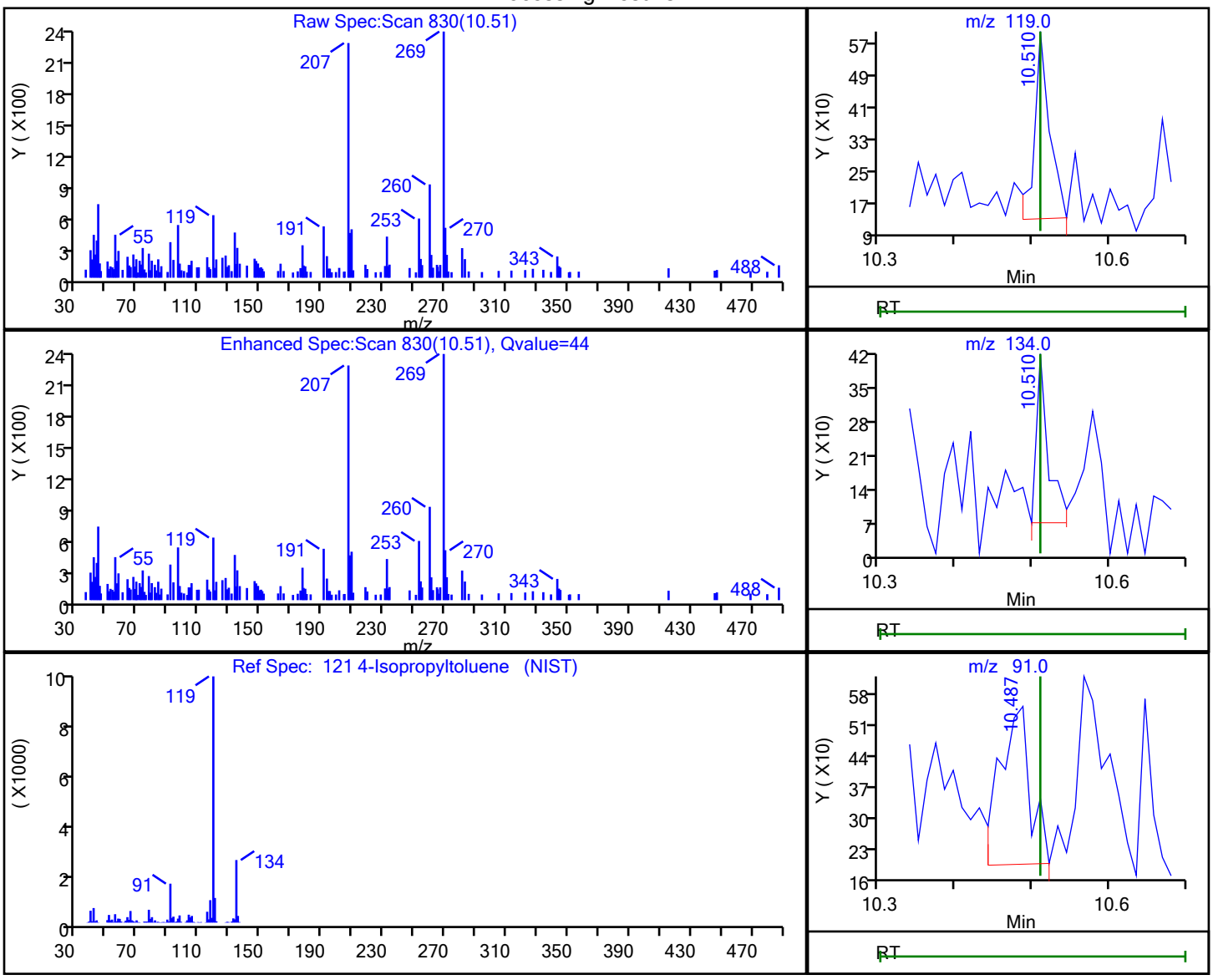
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 121 4-Isopropyltoluene, CAS: 99-87-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.51 | 119.00 | 647 | 0.034884 |
| 10.51 | 134.00 | 382 | |
| 10.49 | 91.00 | 994 | |

Reviewer: martineze, 20-Sep-2021 15:18:37

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

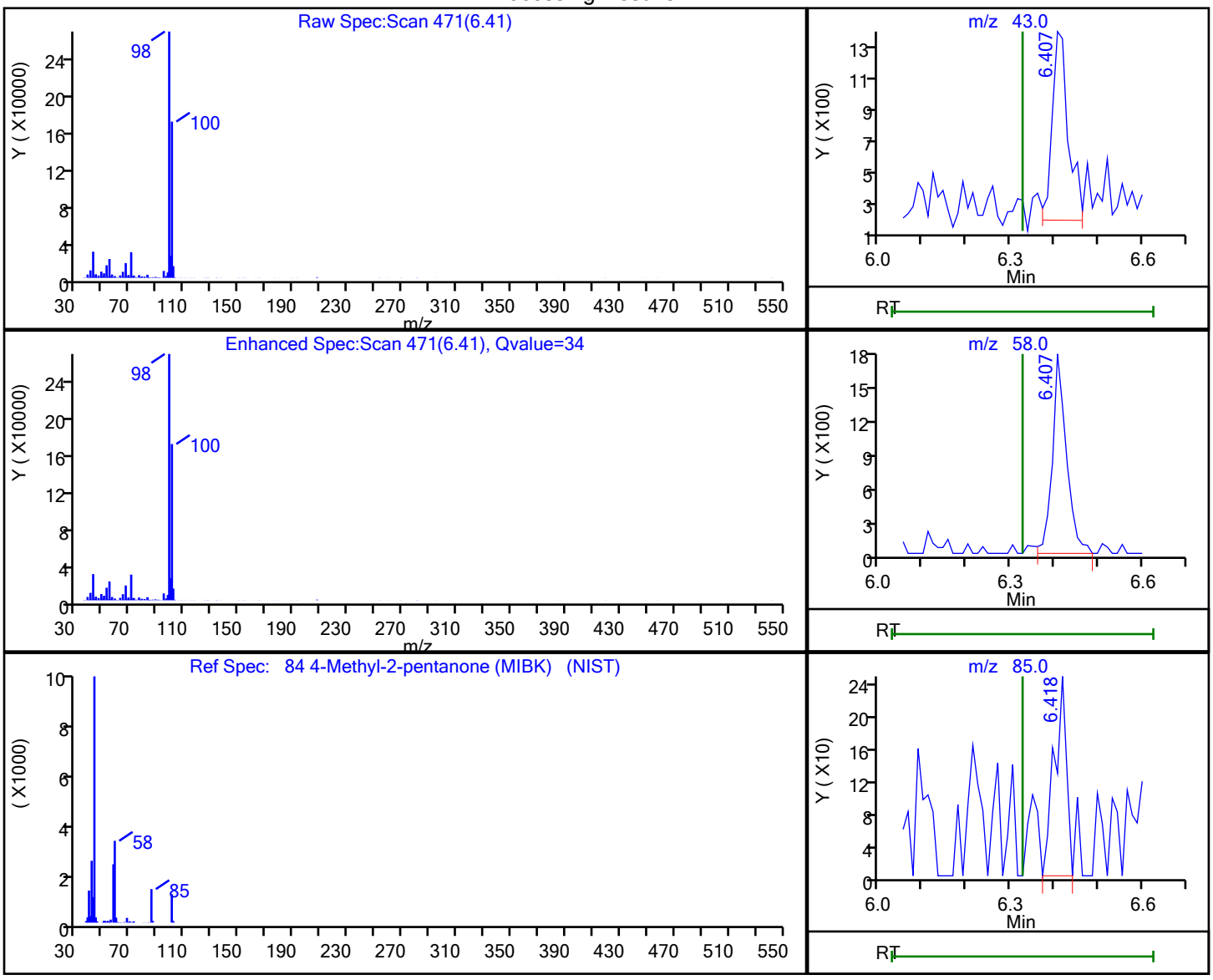
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 84 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.41 | 43.00 | 2952 | 0.746064 |
| 6.41 | 58.00 | 3976 | |
| 6.42 | 85.00 | 484 | |
| 6.41 | 100.00 | 389828 | |

Reviewer: martineze, 20-Sep-2021 15:08:29
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

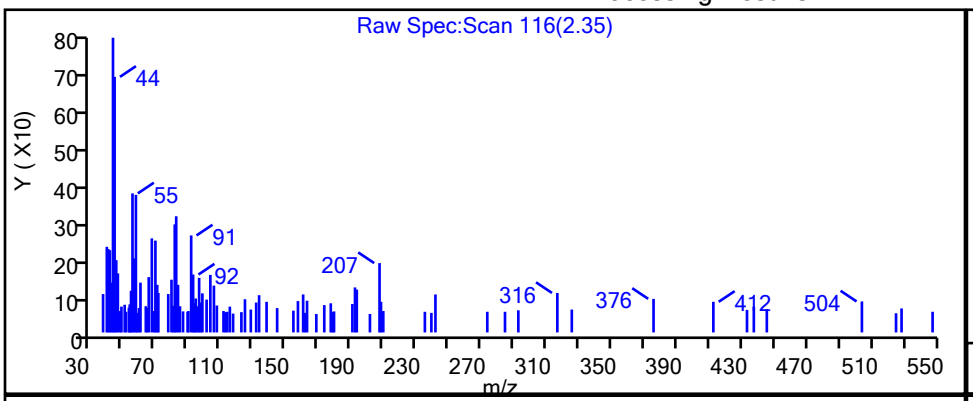
User Disabled Compound Report

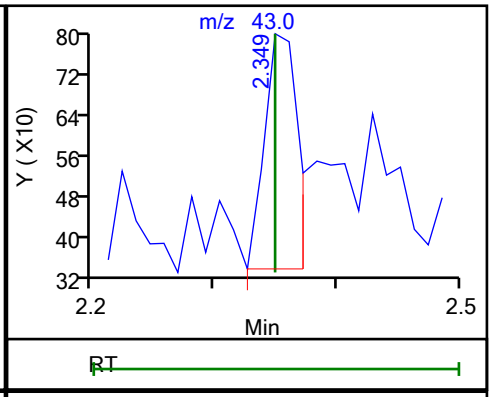
Eurofins TestAmerica, Edison

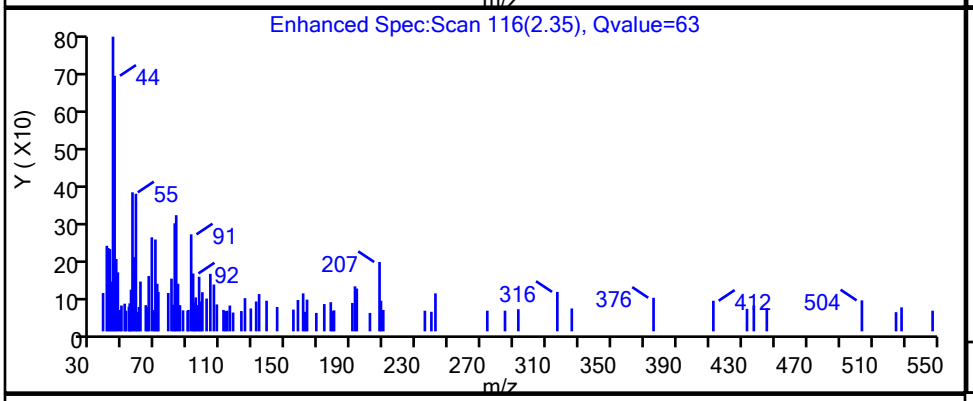
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

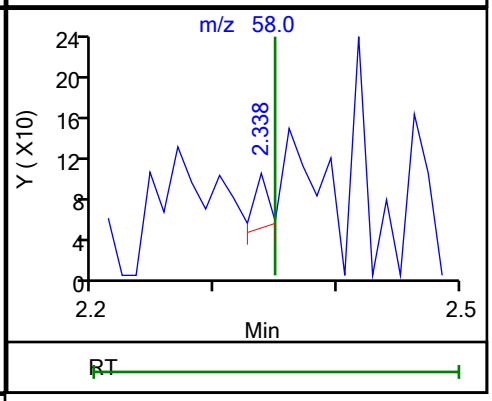
## 23 Acetone, CAS: 67-64-1

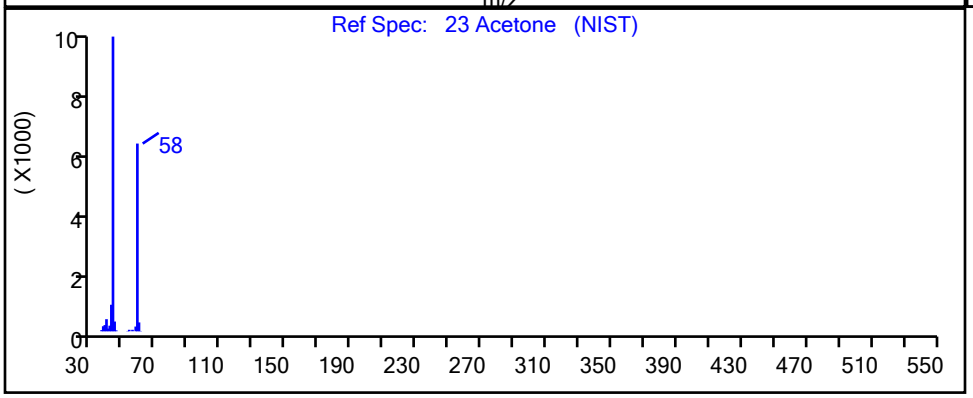
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.35 | 43.00 | 899 | 0.641147 |
| 2.34 | 58.00 | 44 | |

Reviewer: martineze, 20-Sep-2021 15:13:41

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

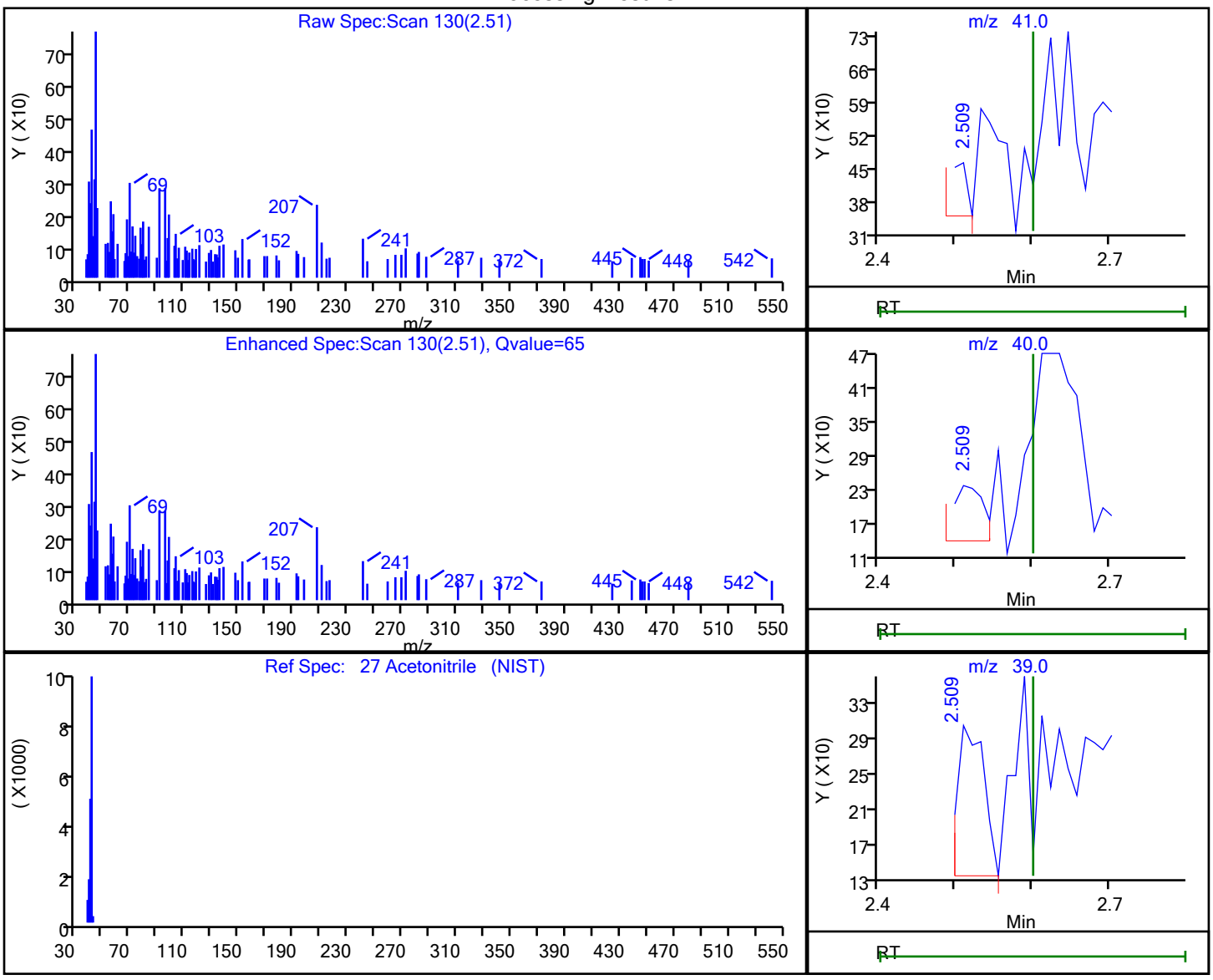
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 27 Acetonitrile, CAS: 75-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.51 | 41.00 | 160 | 0.467452 |
| 2.51 | 40.00 | 252 | |
| 2.51 | 39.00 | 407 | |
| 2.49 | 38.00 | 191 | |

Reviewer: martineze, 20-Sep-2021 15:13:56
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

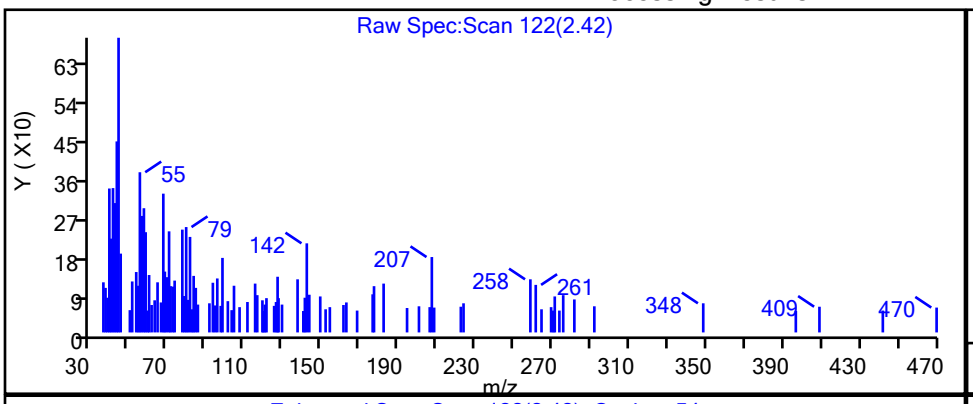
User Disabled Compound Report

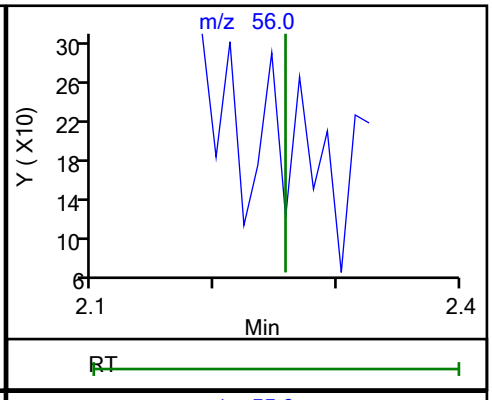
Eurofins TestAmerica, Edison

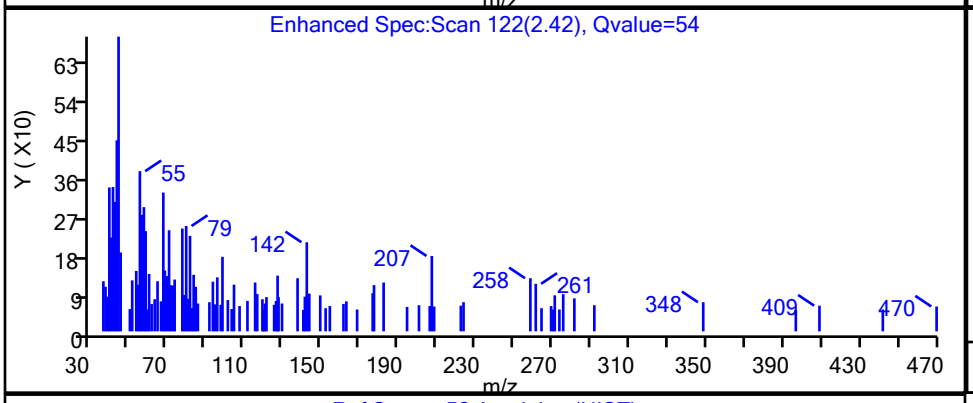
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

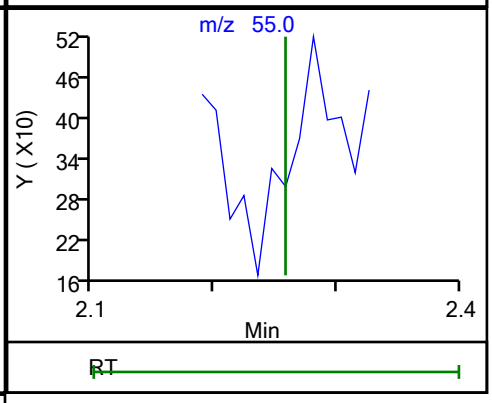
## 52 Acrolein, CAS: 107-02-8

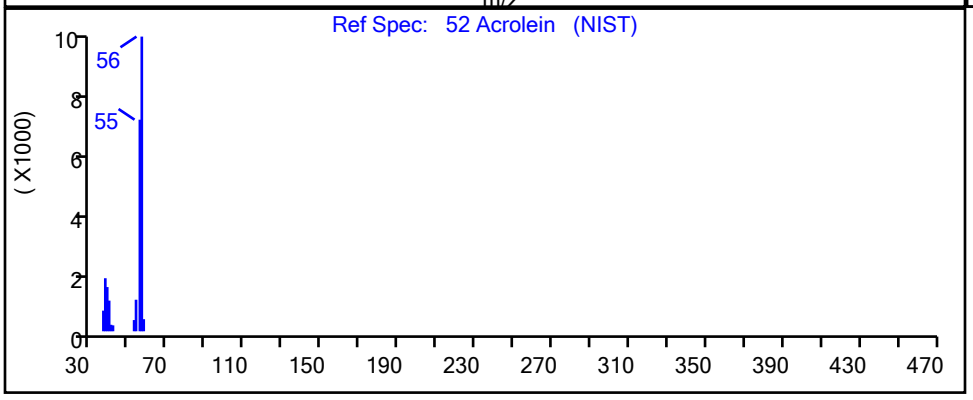
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.42 | 56.00 | 169 | 0.484127 |
| 2.43 | 55.00 | 720 | |

Reviewer: martineze, 20-Sep-2021 15:13:37

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

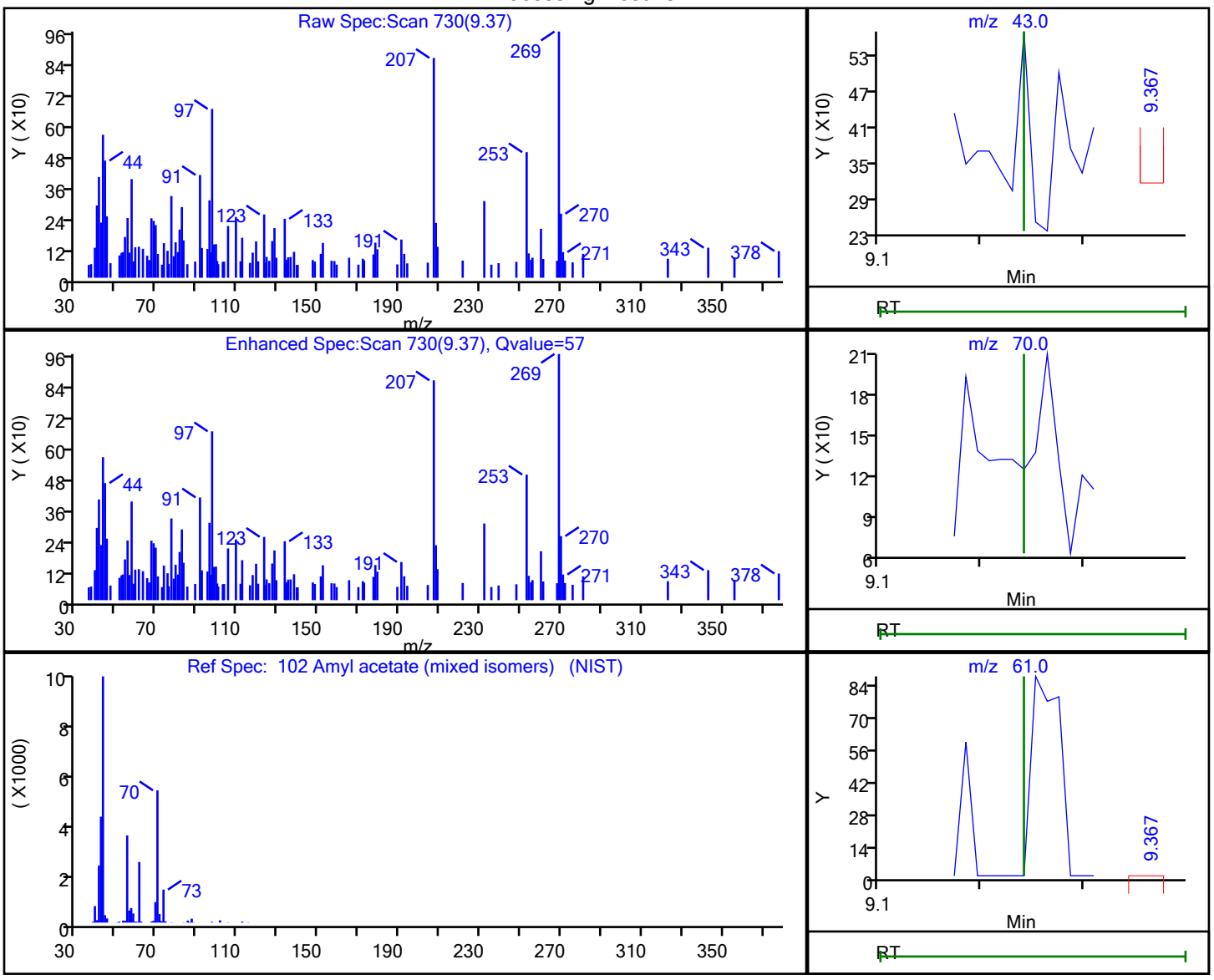
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 102 Amyl acetate (mixed isomers), CAS: 628-63-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.37 | 43.00 | 188 | 0.026308 |
| 9.38 | 70.00 | 293 | |
| 9.37 | 61.00 | 158 | |

Reviewer: martineze, 20-Sep-2021 15:17:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

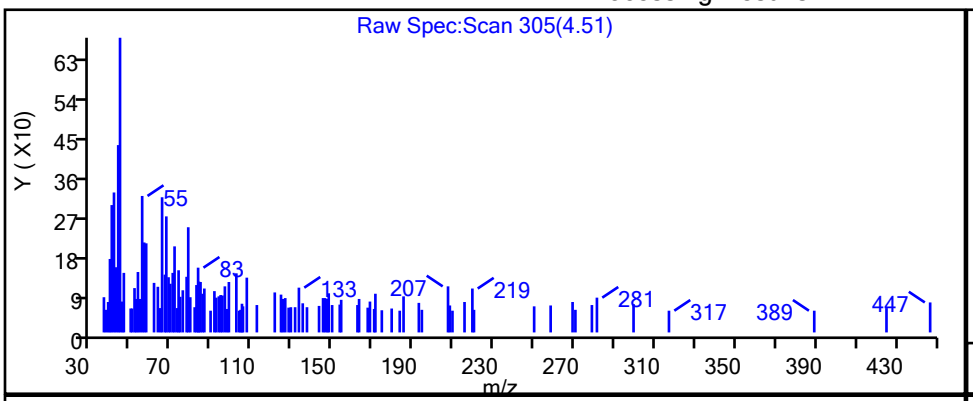
User Disabled Compound Report

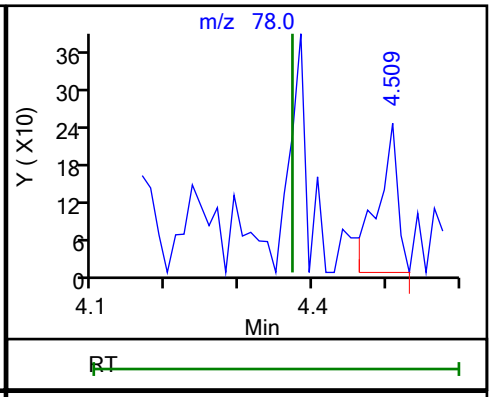
Eurofins TestAmerica, Edison

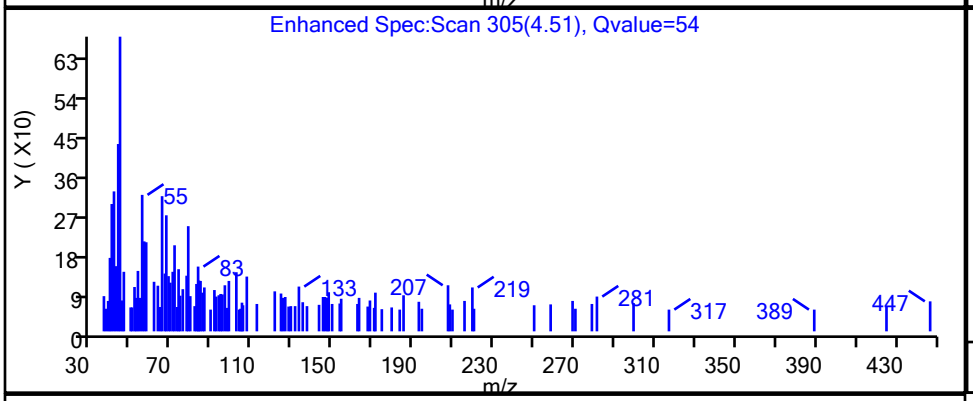
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

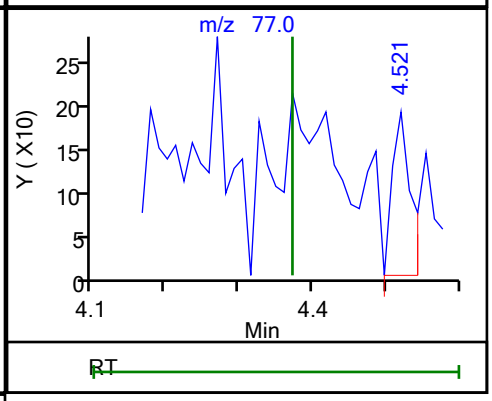
## 59 Benzene, CAS: 71-43-2

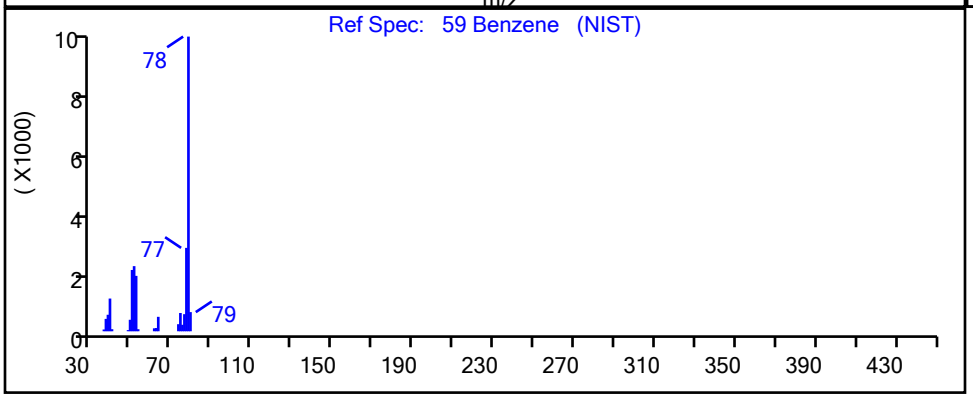
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.51 | 78.00 | 466 | 0.023598 |
| 4.52 | 77.00 | 337 | |

Reviewer: martineze, 20-Sep-2021 15:15:45
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

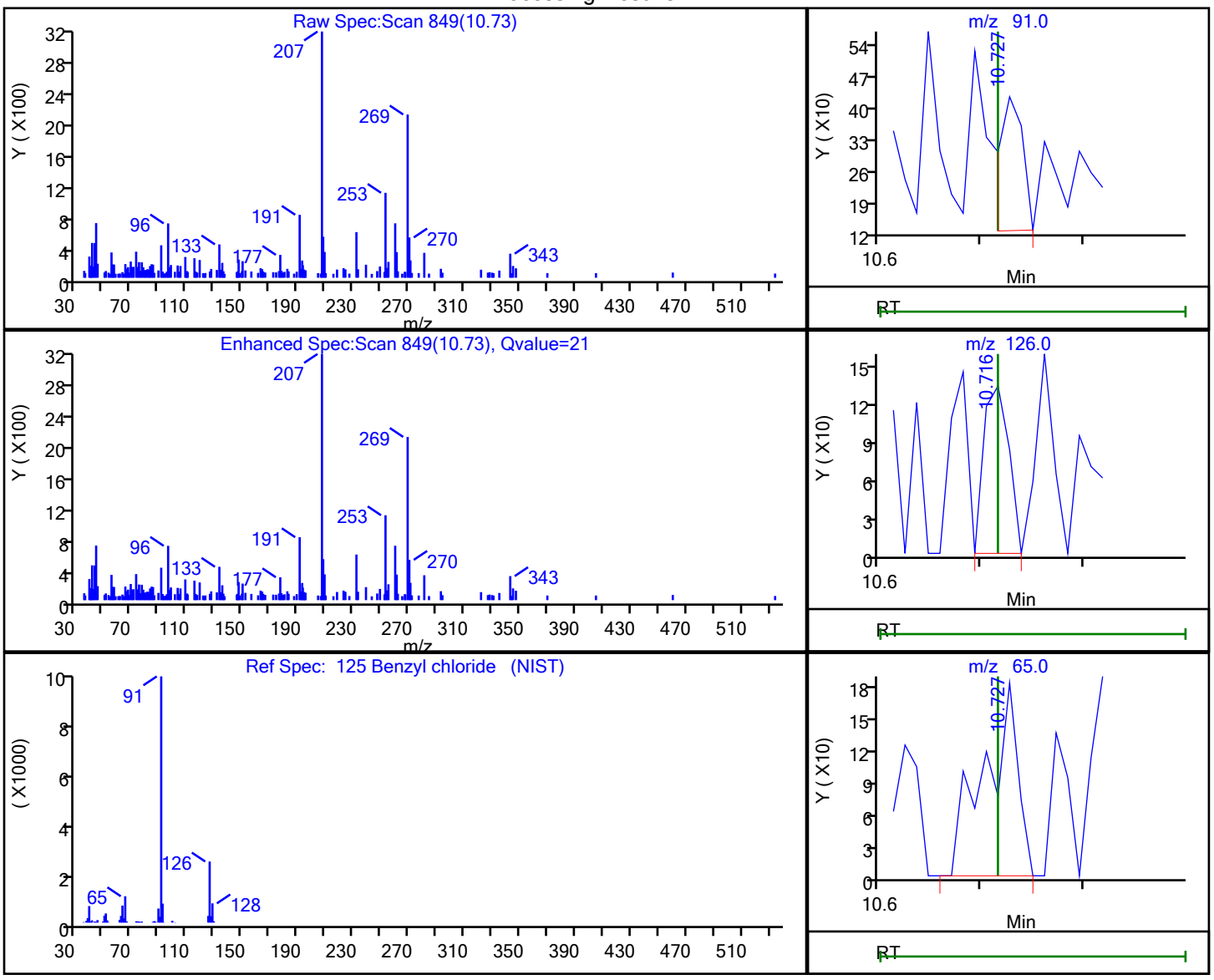
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 125 Benzyl chloride, CAS: 100-44-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.73 | 91.00 | 480 | 0.044019 |
| 10.72 | 126.00 | 224 | |
| 10.73 | 65.00 | 405 | |

Reviewer: martineze, 20-Sep-2021 15:18:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

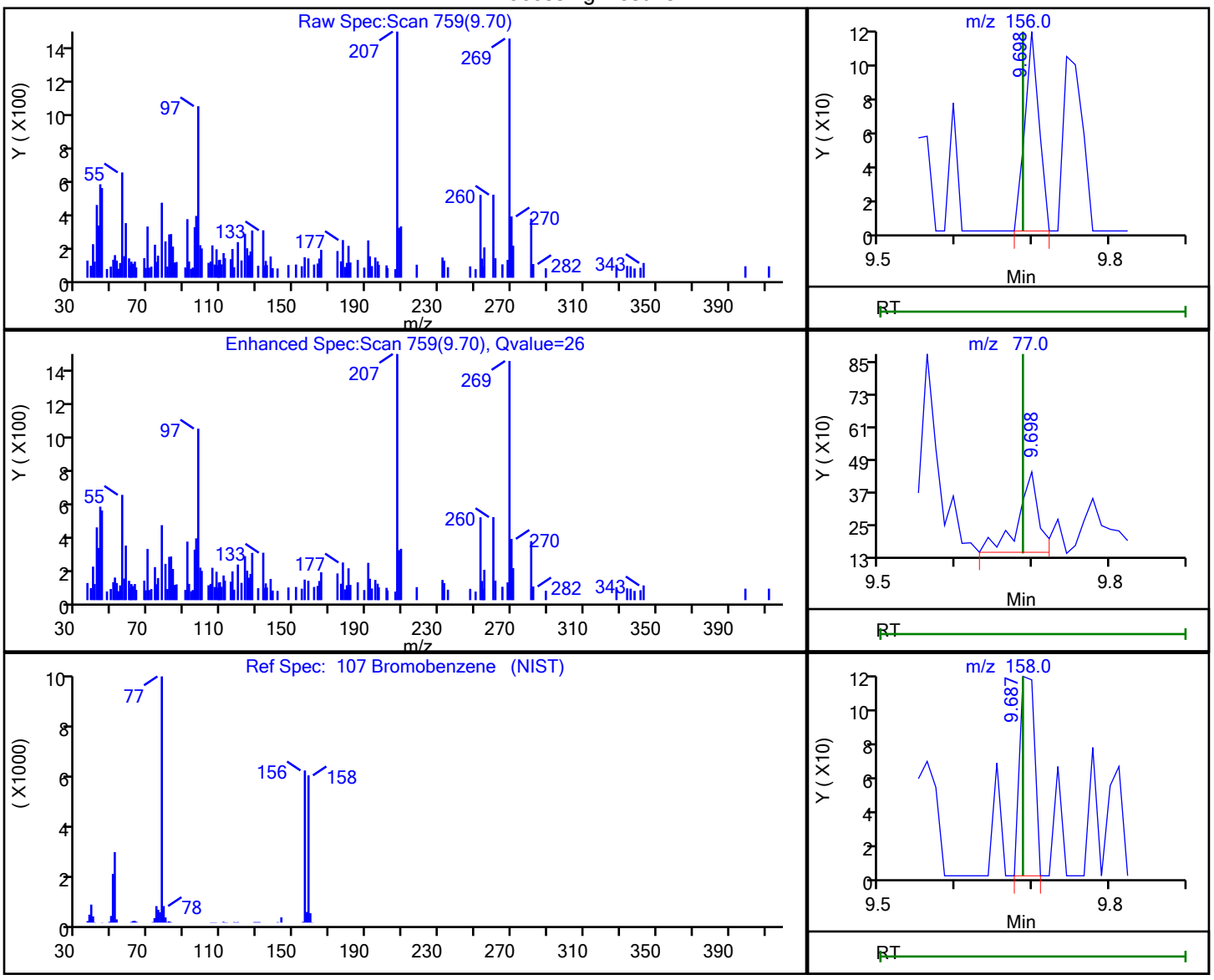
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 107 Bromobenzene, CAS: 108-86-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.70 | 156.00 | 155 | 0.029150 |
| 9.70 | 77.00 | 565 | |
| 9.69 | 158.00 | 156 | |

Reviewer: martineze, 20-Sep-2021 15:17:58

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

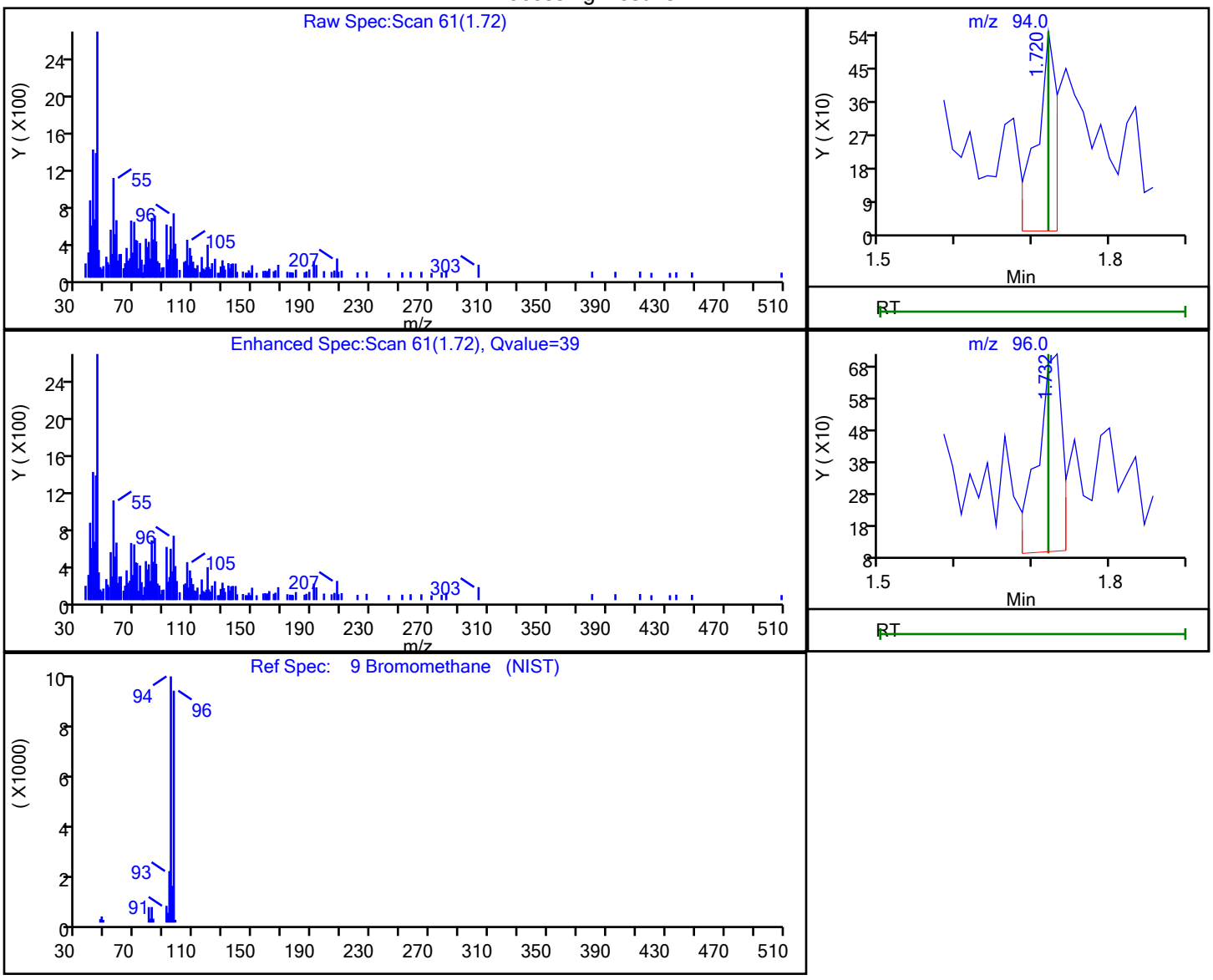
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 9 Bromomethane, CAS: 74-83-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.72 | 94.00 | 1038 | 0.239299 |
| 1.73 | 96.00 | 1441 | |

Reviewer: martineze, 20-Sep-2021 15:08:01

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

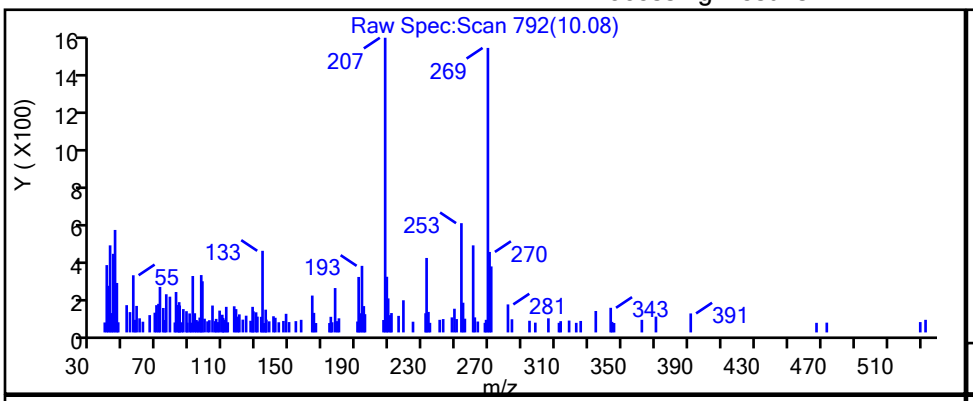
User Disabled Compound Report

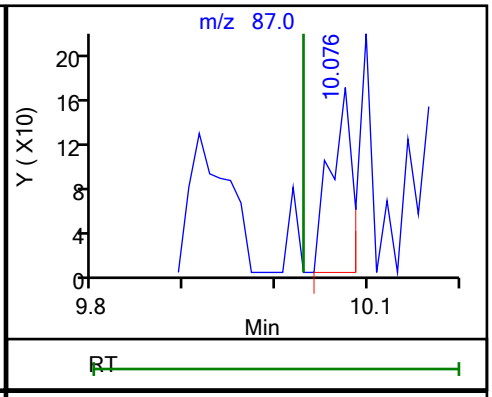
Eurofins TestAmerica, Edison

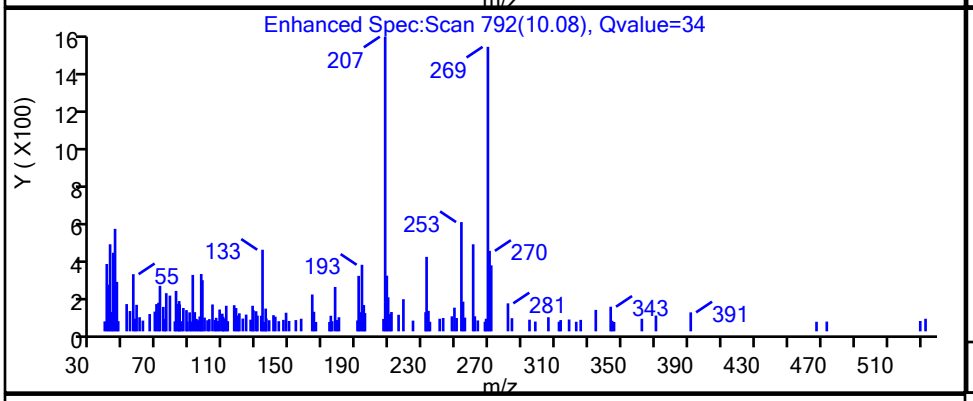
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

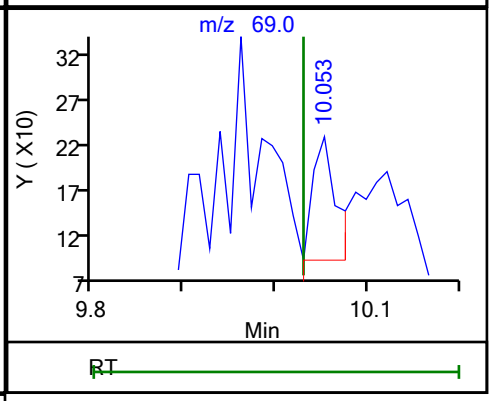
## 117 Butyl Methacrylate, CAS: 97-88-1

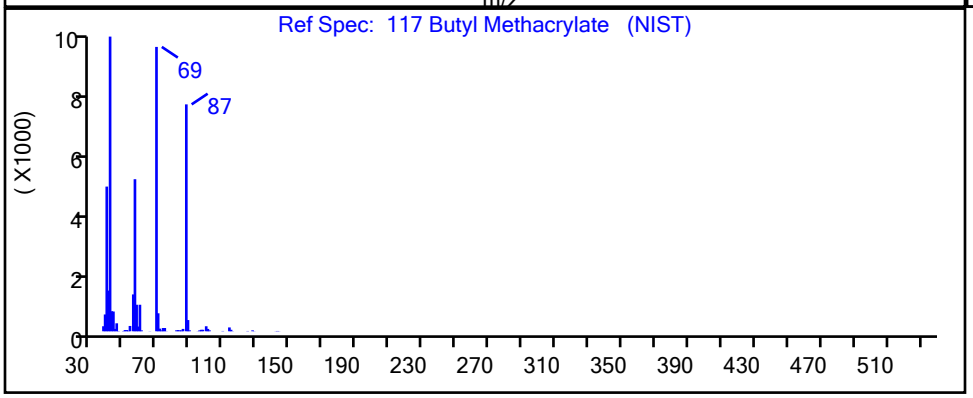
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.08 | 87.00 | 277 | 0.050543 |
| 10.05 | 69.00 | 243 | |

Reviewer: martineze, 20-Sep-2021 15:18:22

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

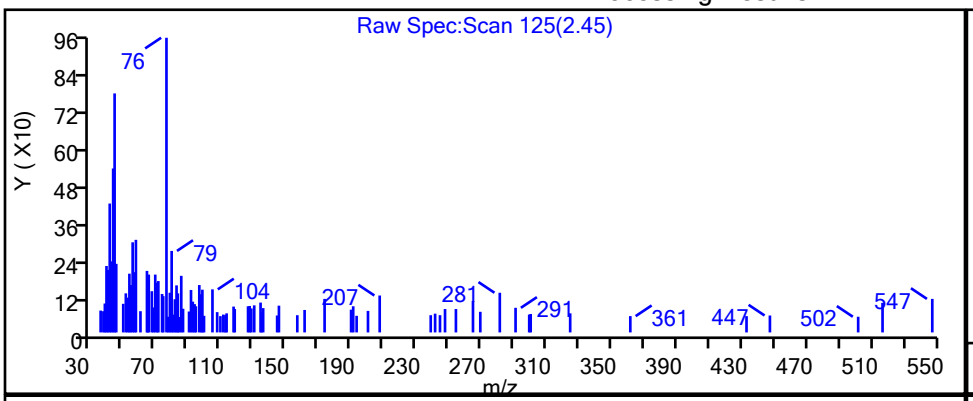
User Disabled Compound Report

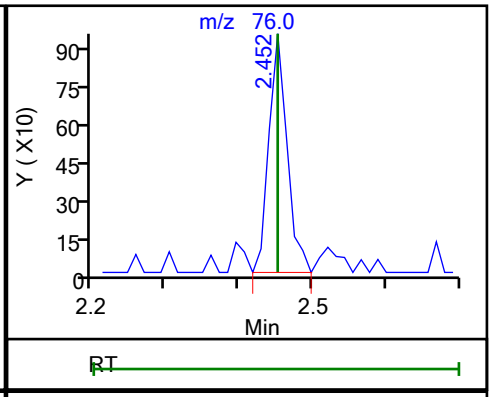
Eurofins TestAmerica, Edison

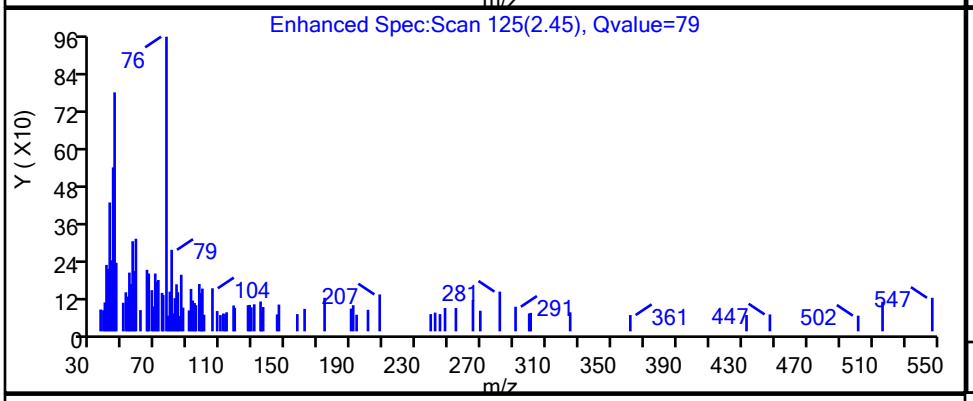
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

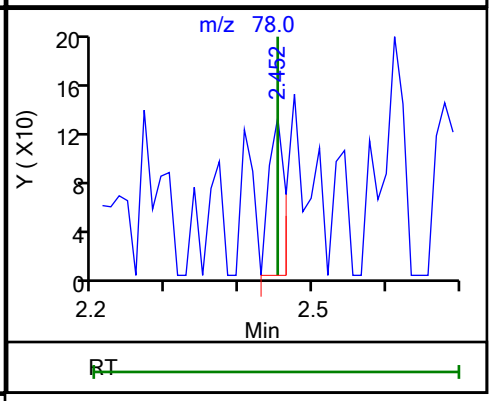
## 22 Carbon disulfide, CAS: 75-15-0

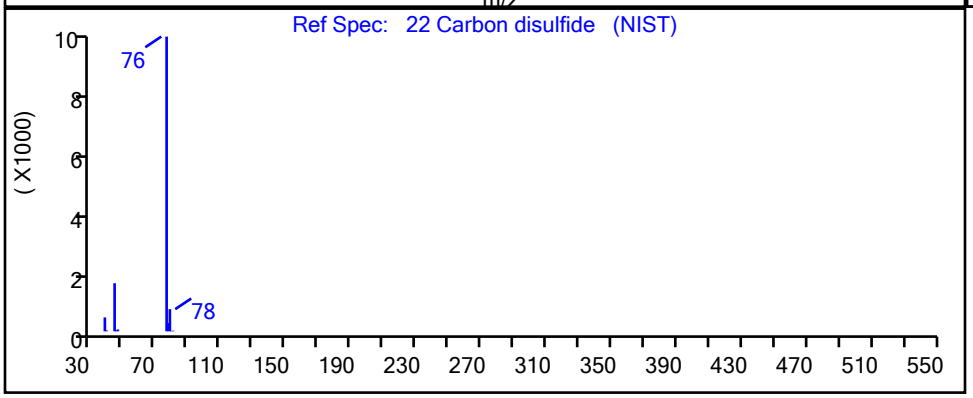
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.45 | 76.00 | 1661 | 0.116979 |
| 2.45 | 78.00 | 196 | |

Reviewer: martineze, 20-Sep-2021 15:13:47

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

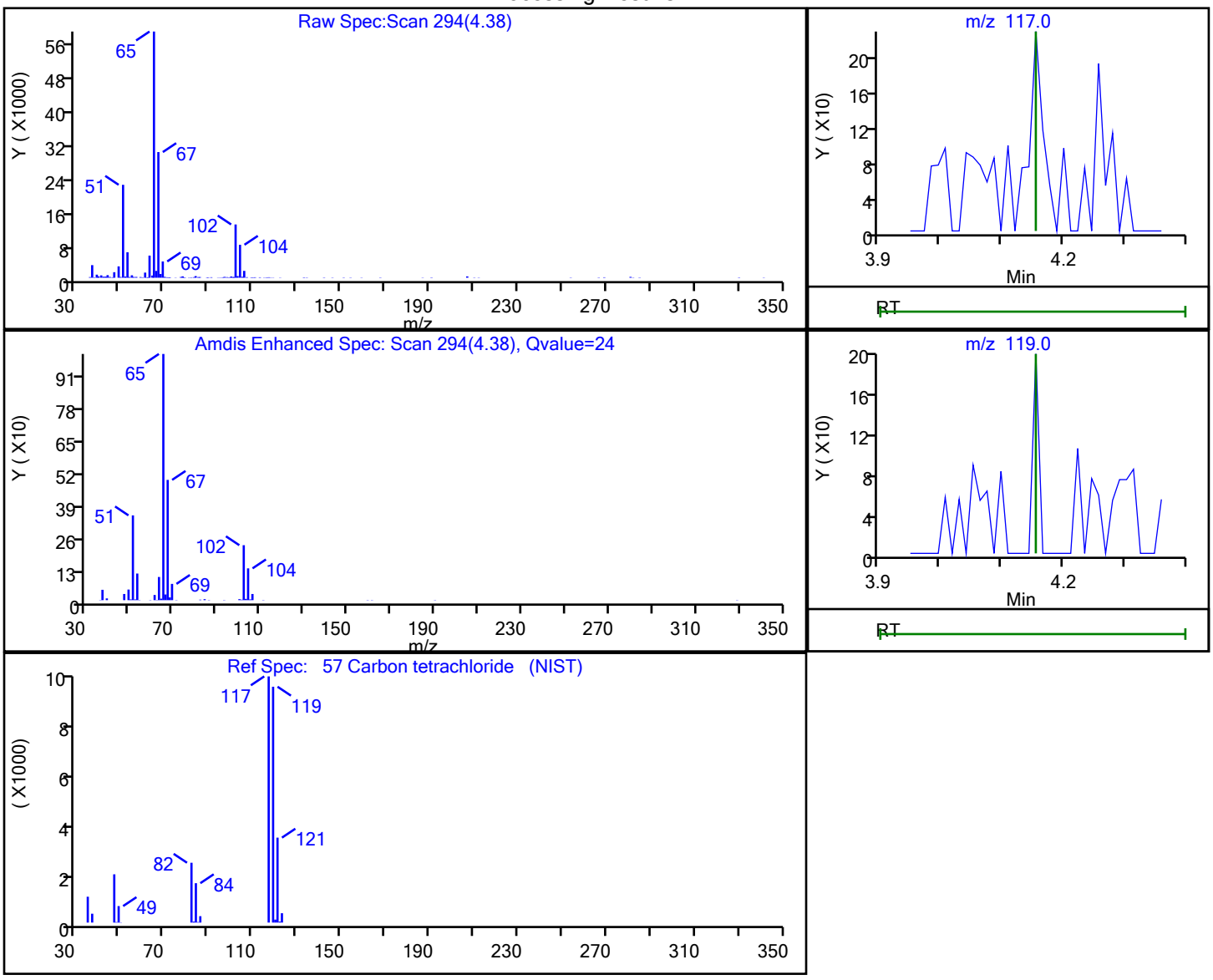
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 57 Carbon tetrachloride, CAS: 56-23-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.38 | 117.00 | 147 | 0.021187 |
| 4.41 | 119.00 | 285 | |

Reviewer: martineze, 20-Sep-2021 15:15:39
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

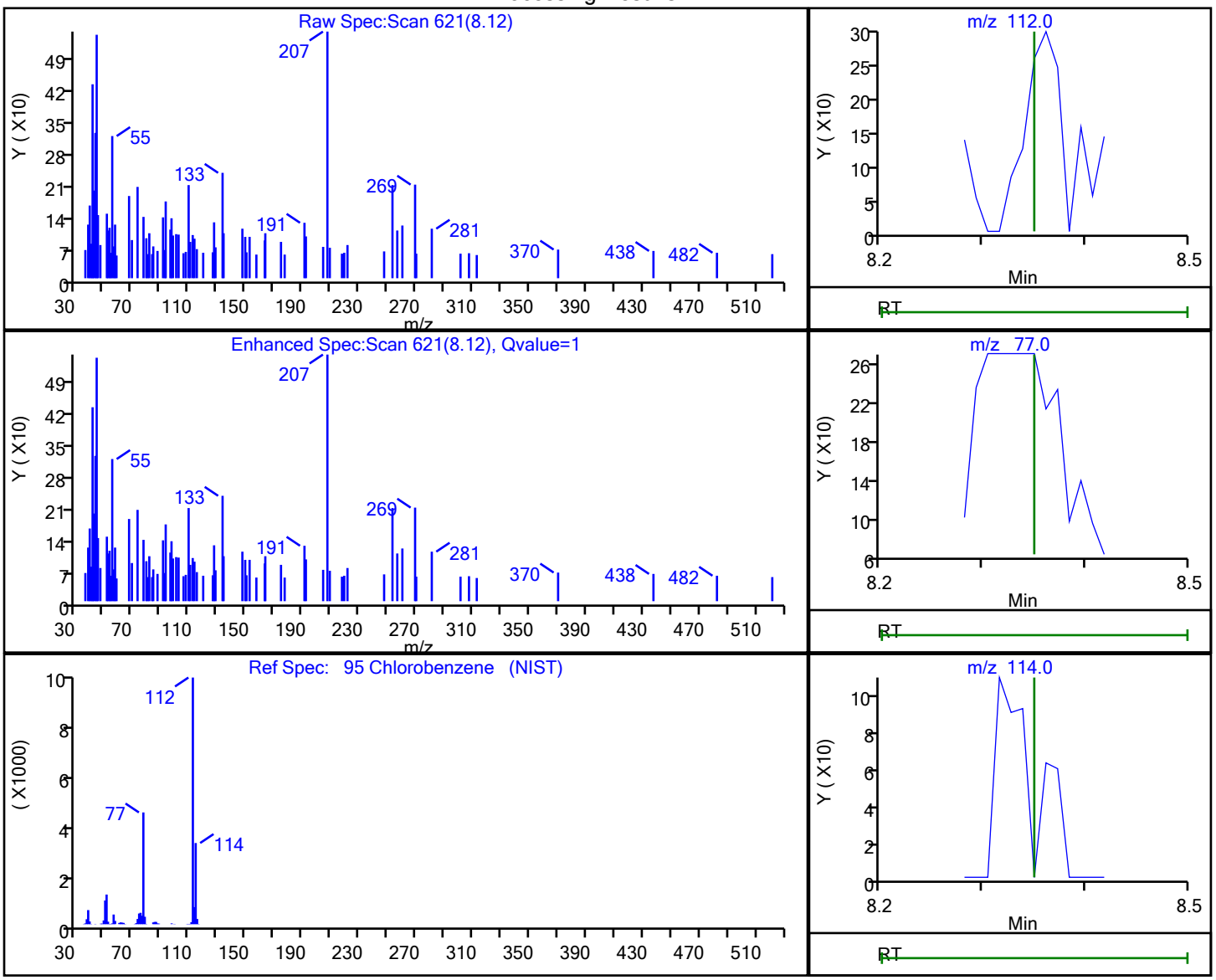
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 95 Chlorobenzene, CAS: 108-90-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.12 | 112.00 | 65 | 0.004763 |
| 8.12 | 77.00 | 74 | |
| 8.11 | 114.00 | 43 | |

Reviewer: martineze, 20-Sep-2021 15:16:59
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

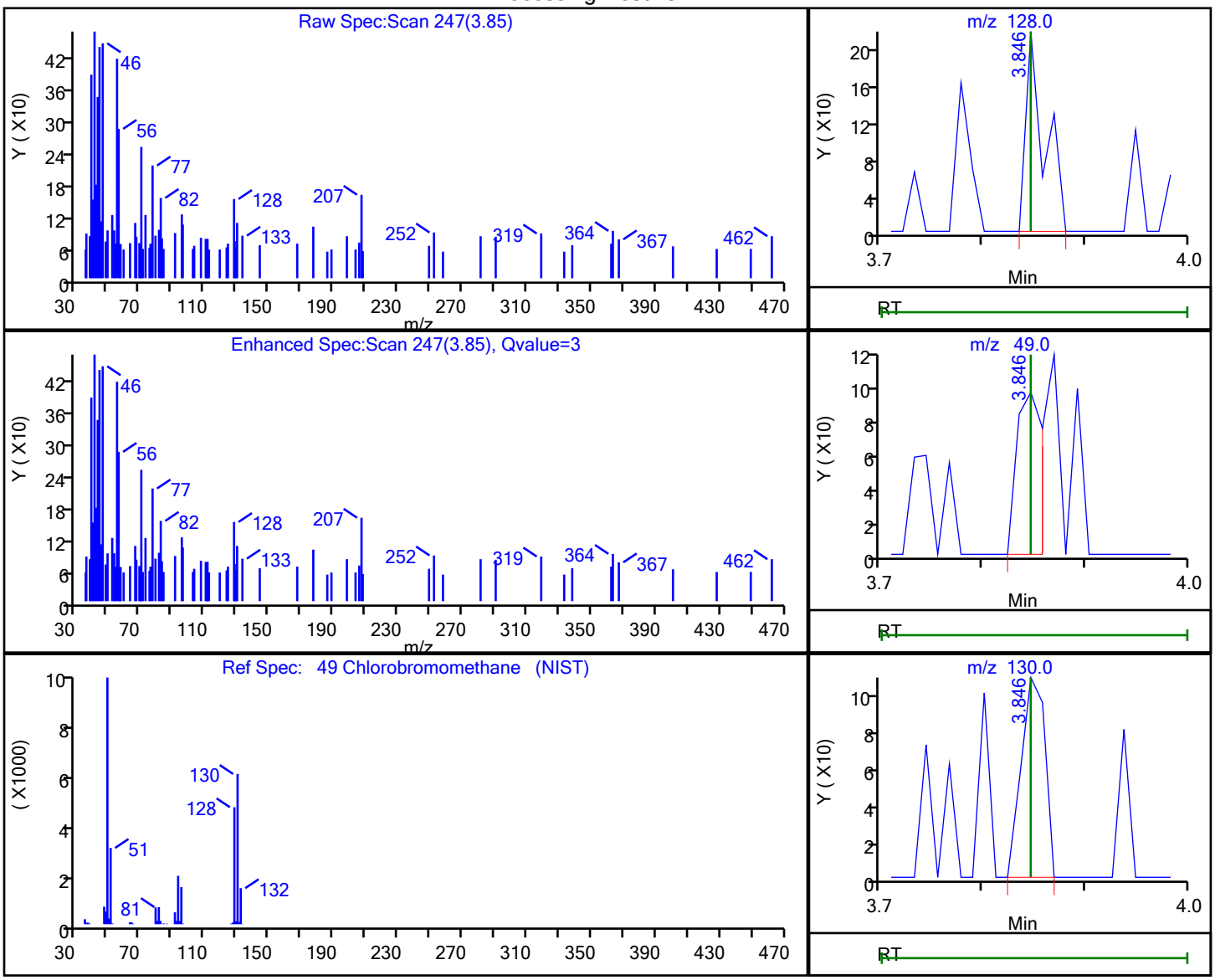
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 49 Chlorobromomethane, CAS: 74-97-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.85 | 128.00 | 280 | 0.101558 |
| 3.85 | 49.00 | 163 | |
| 3.85 | 130.00 | 168 | |

Reviewer: martineze, 20-Sep-2021 15:15:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

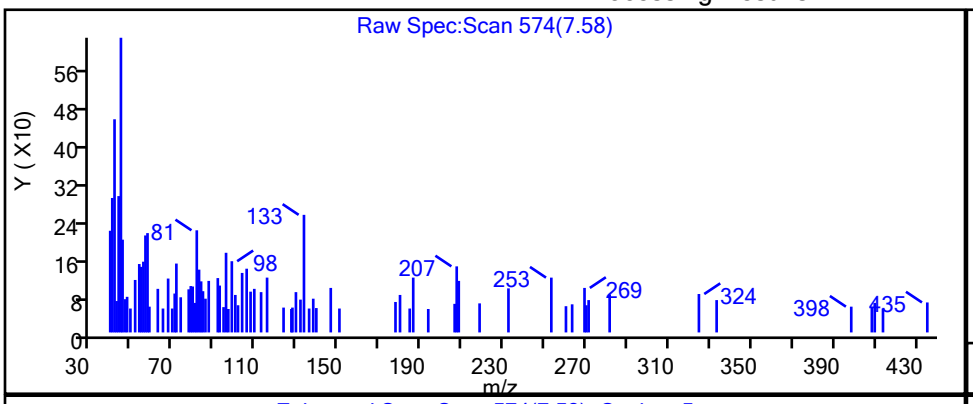
User Disabled Compound Report

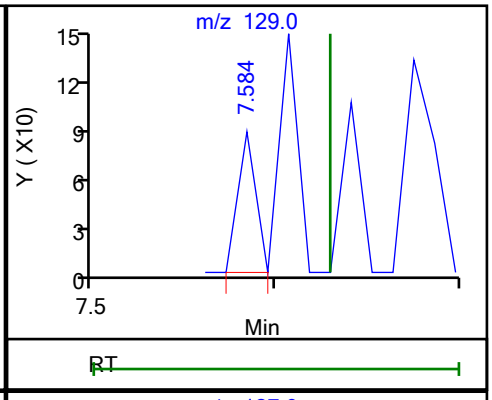
Eurofins TestAmerica, Edison

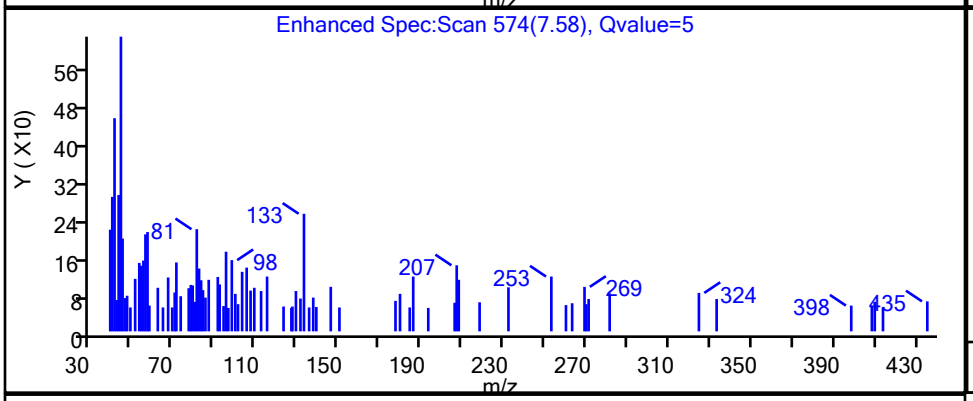
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

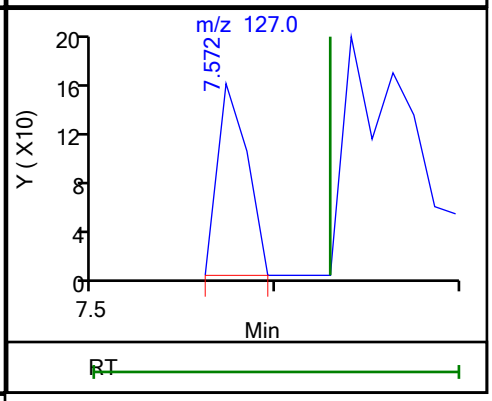
## 90 Chlorodibromomethane, CAS: 124-48-1

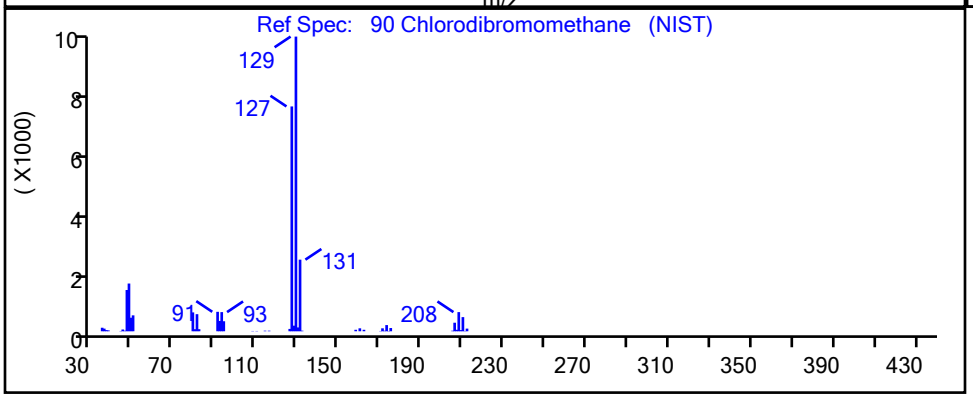
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.58 | 129.00 | 59 | 0.012324 |
| 7.57 | 127.00 | 180 | |

Reviewer: martineze, 20-Sep-2021 15:16:54

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

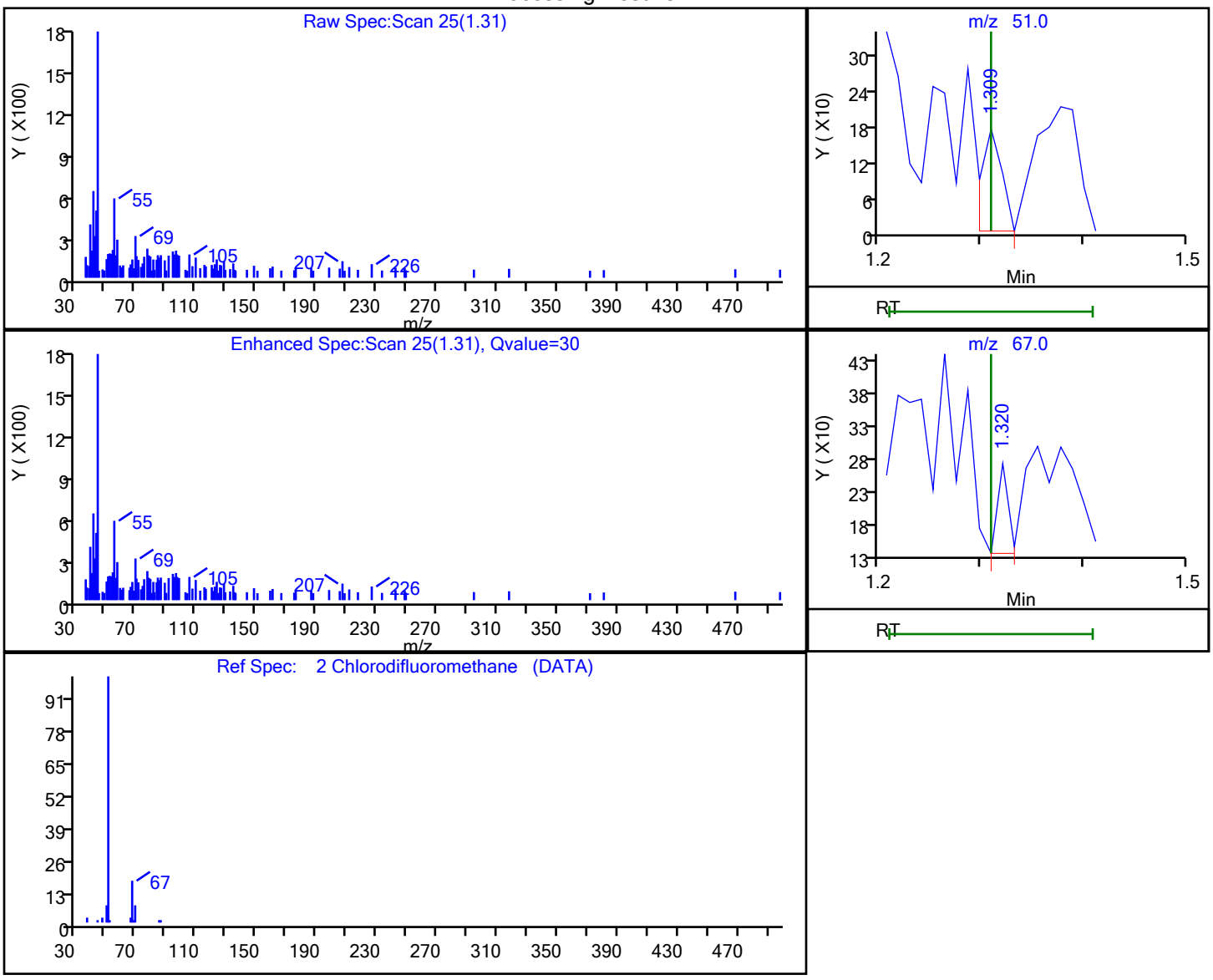
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 2 Chlorodifluoromethane, CAS: 75-45-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.31 | 51.00 | 242 | |
| 1.32 | 67.00 | 101 | 0.096789 |

Reviewer: martineze, 20-Sep-2021 15:13:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

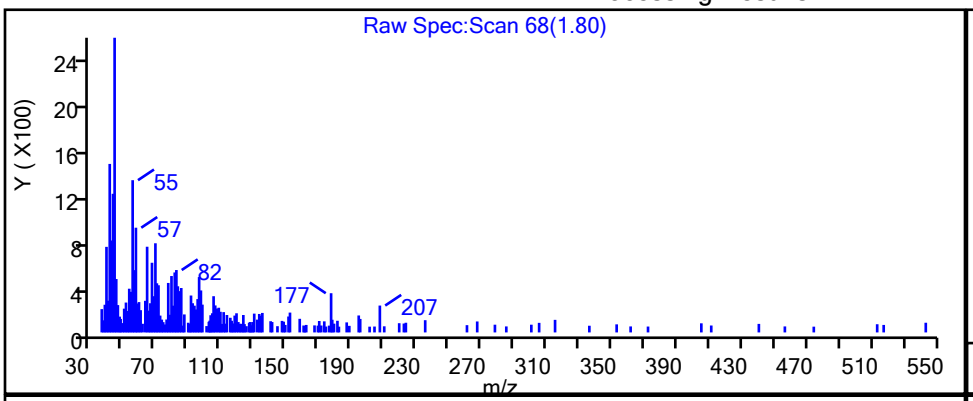
User Disabled Compound Report

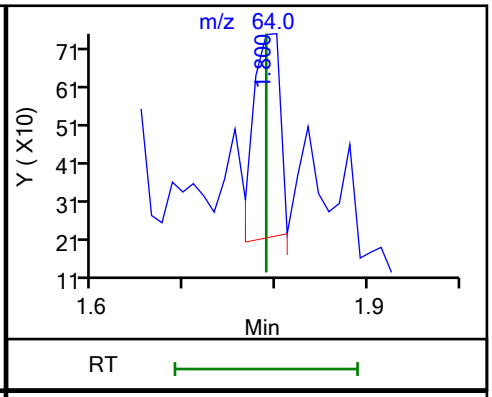
Eurofins TestAmerica, Edison

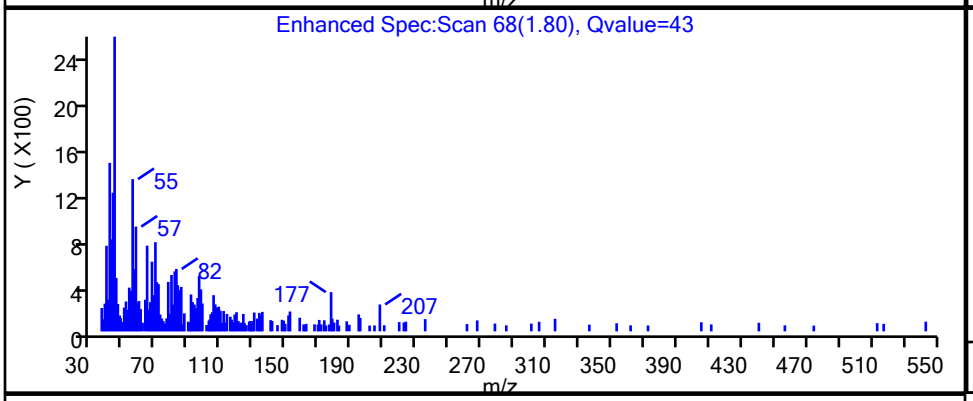
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

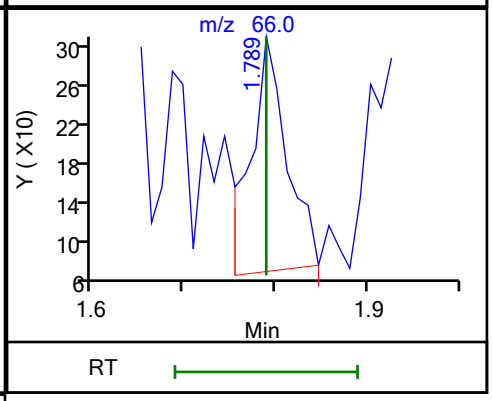
## 10 Chloroethane, CAS: 75-00-3

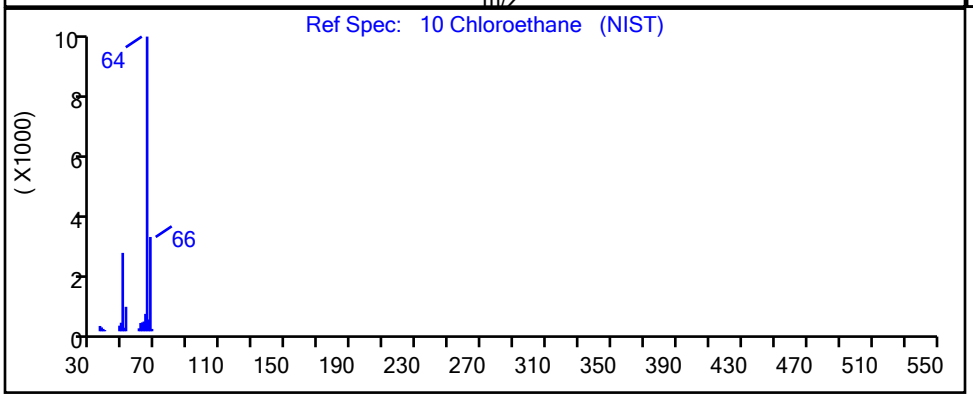
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.80 | 64.00 | 1106 | 0.261796 |
| 1.79 | 66.00 | 647 | |

Reviewer: martineze, 20-Sep-2021 15:13:28
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

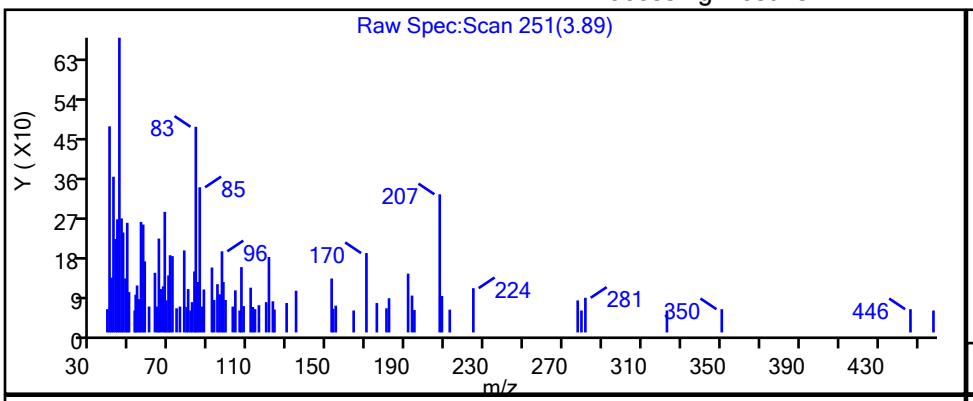
User Disabled Compound Report

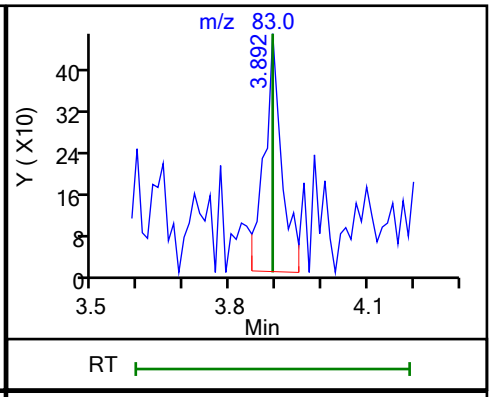
Eurofins TestAmerica, Edison

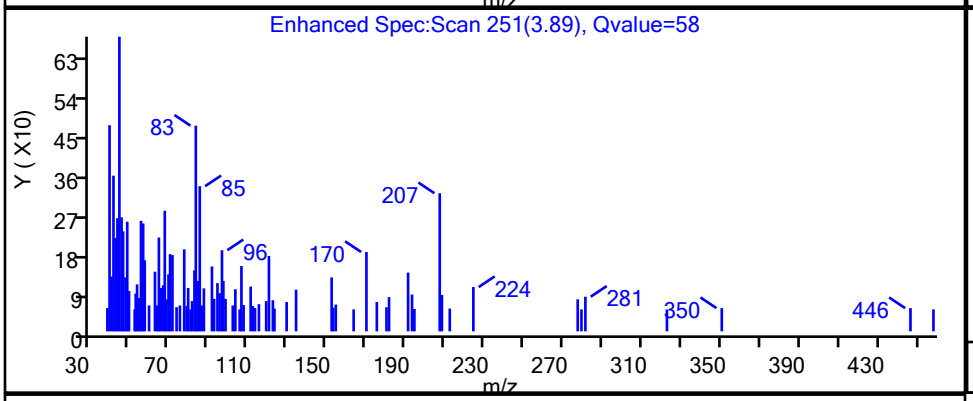
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

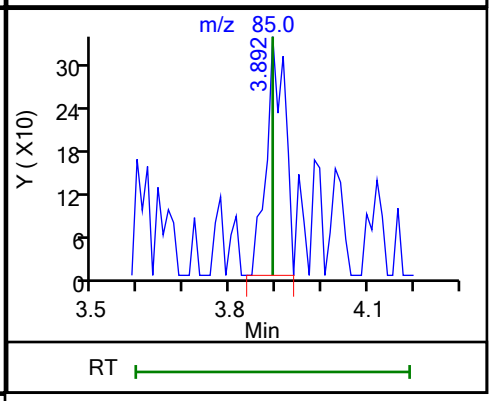
## 51 Chloroform, CAS: 67-66-3

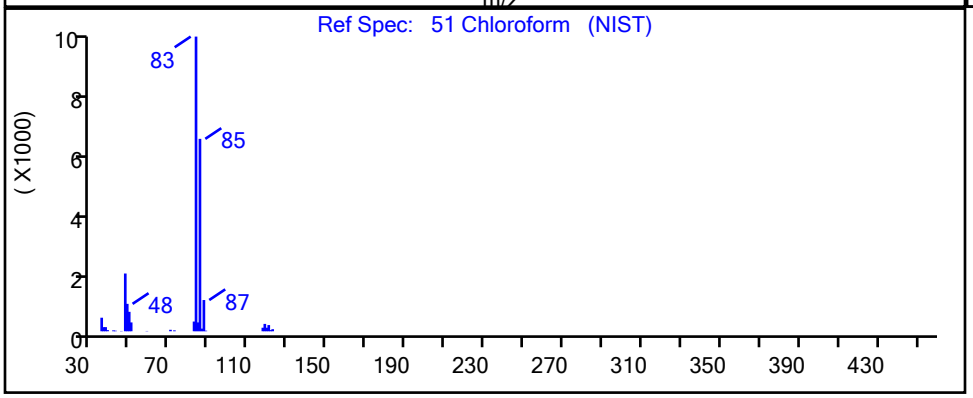
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.89 | 83.00 | 1253 | 0.139990 |
| 3.89 | 85.00 | 934 | |

Reviewer: martineze, 20-Sep-2021 15:15:37
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

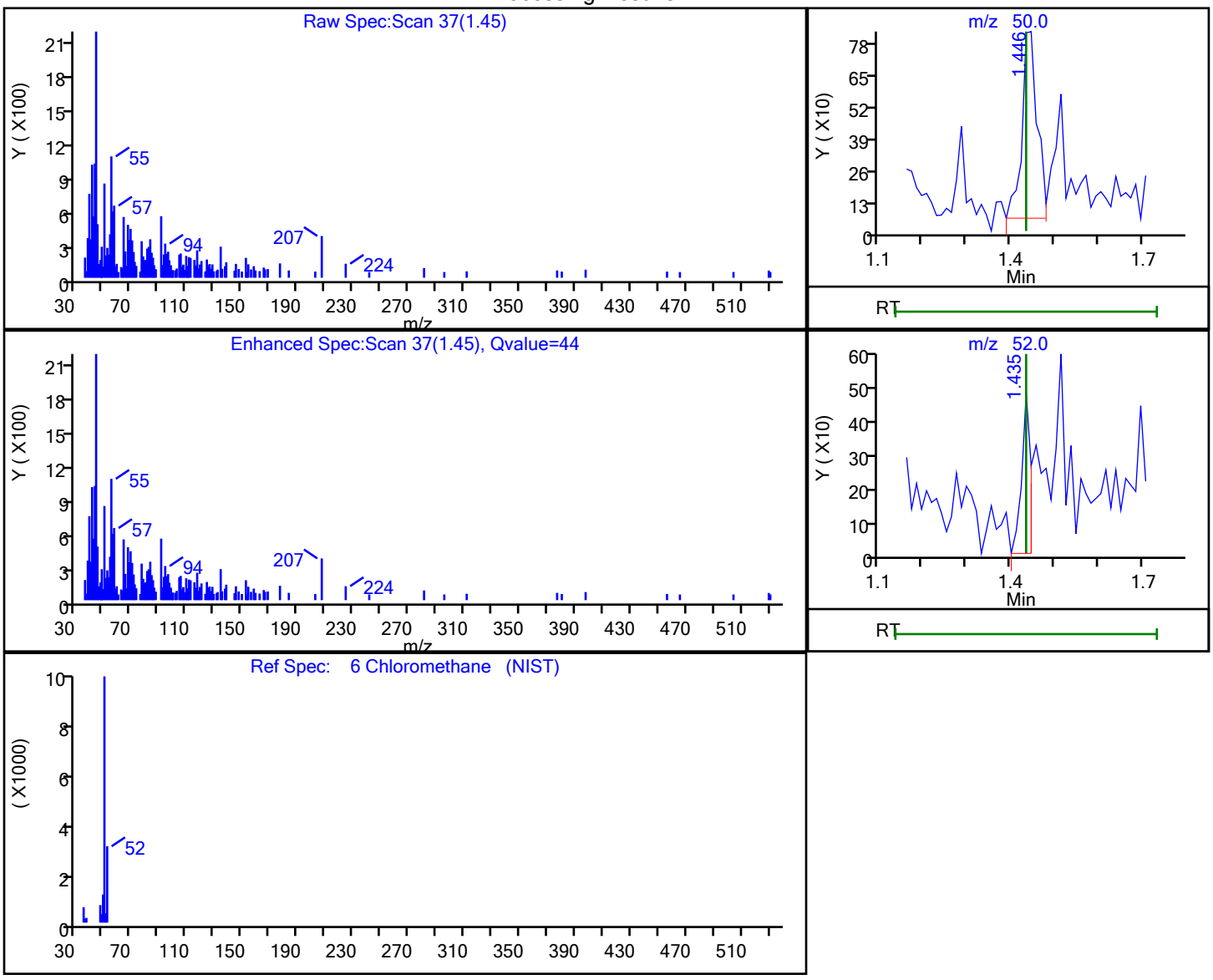
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 6 Chloromethane, CAS: 74-87-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.45 | 50.00 | 1897 | 0.356852 |
| 1.43 | 52.00 | 688 | |

Reviewer: martineze, 20-Sep-2021 15:13:26

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

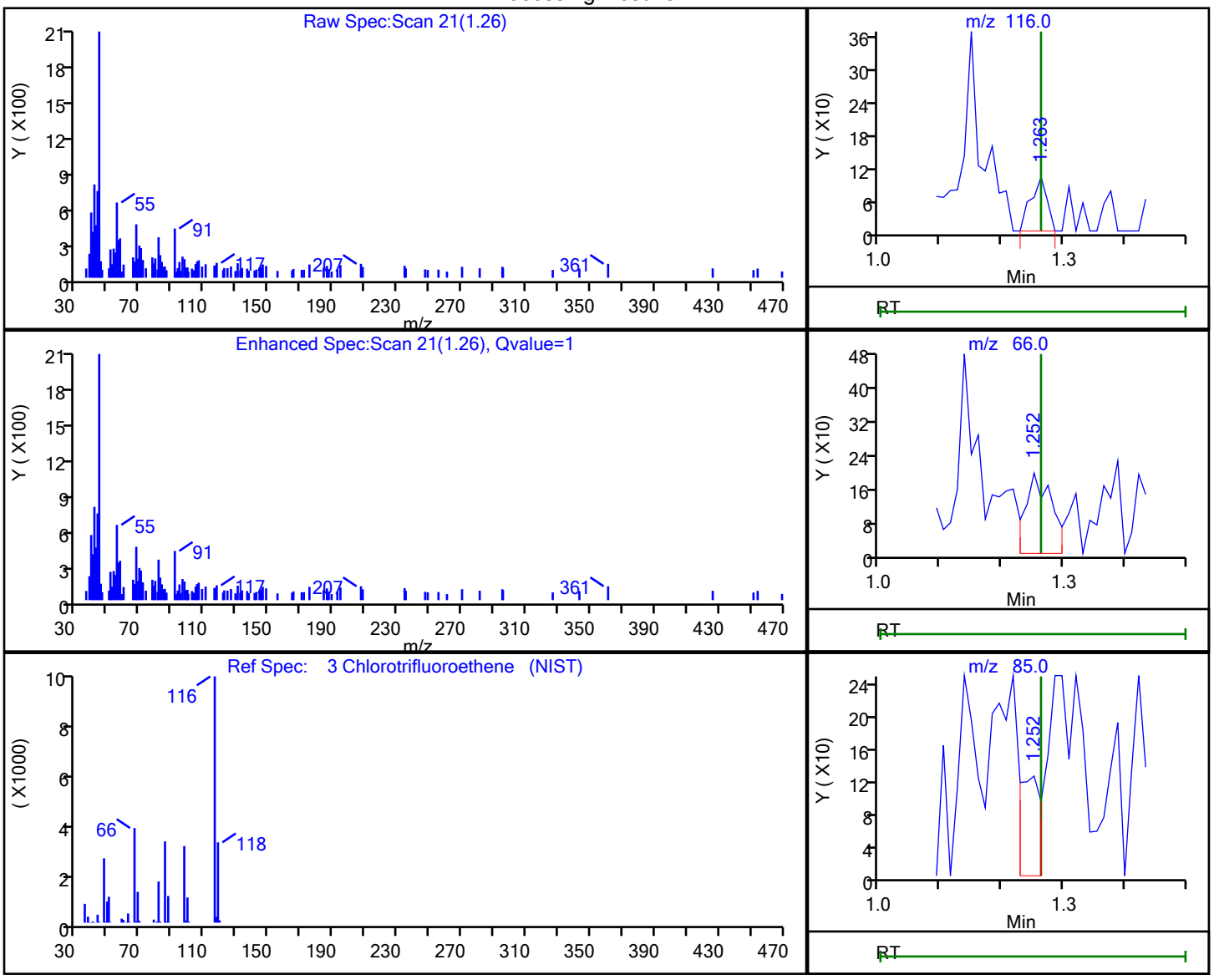
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 3 Chlorotrifluoroethene, CAS: 79-38-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.26 | 116.00 | 184 | 0.082800 |
| 1.25 | 66.00 | 580 | |
| 1.25 | 85.00 | 306 | |
| 1.24 | 118.00 | 78 | |

Reviewer: martineze, 20-Sep-2021 15:13:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

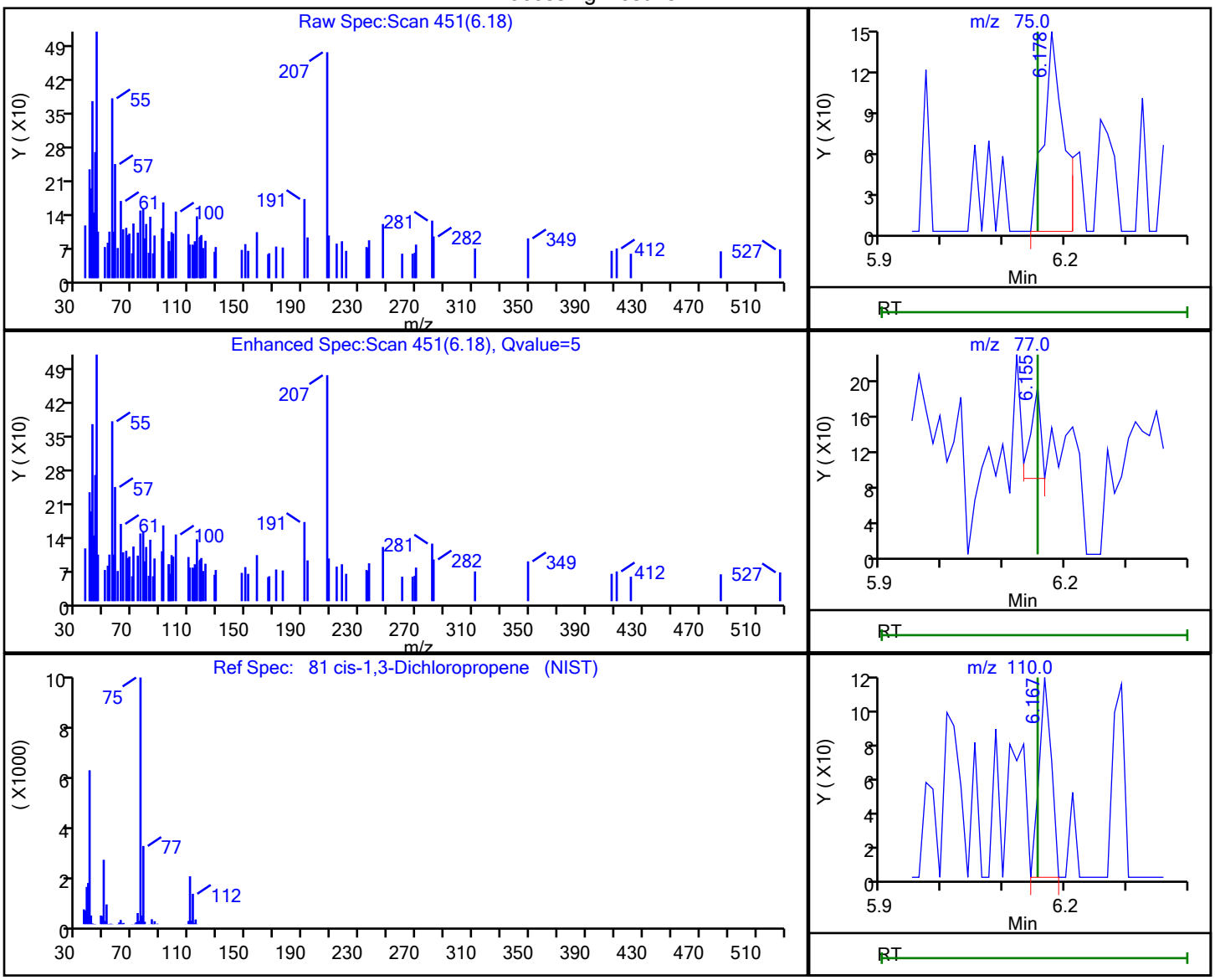
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 81 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.18 | 75.00 | 315 | 0.039850 |
| 6.16 | 77.00 | 119 | |
| 6.17 | 110.00 | 165 | |

Reviewer: martineze, 20-Sep-2021 15:16:24

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

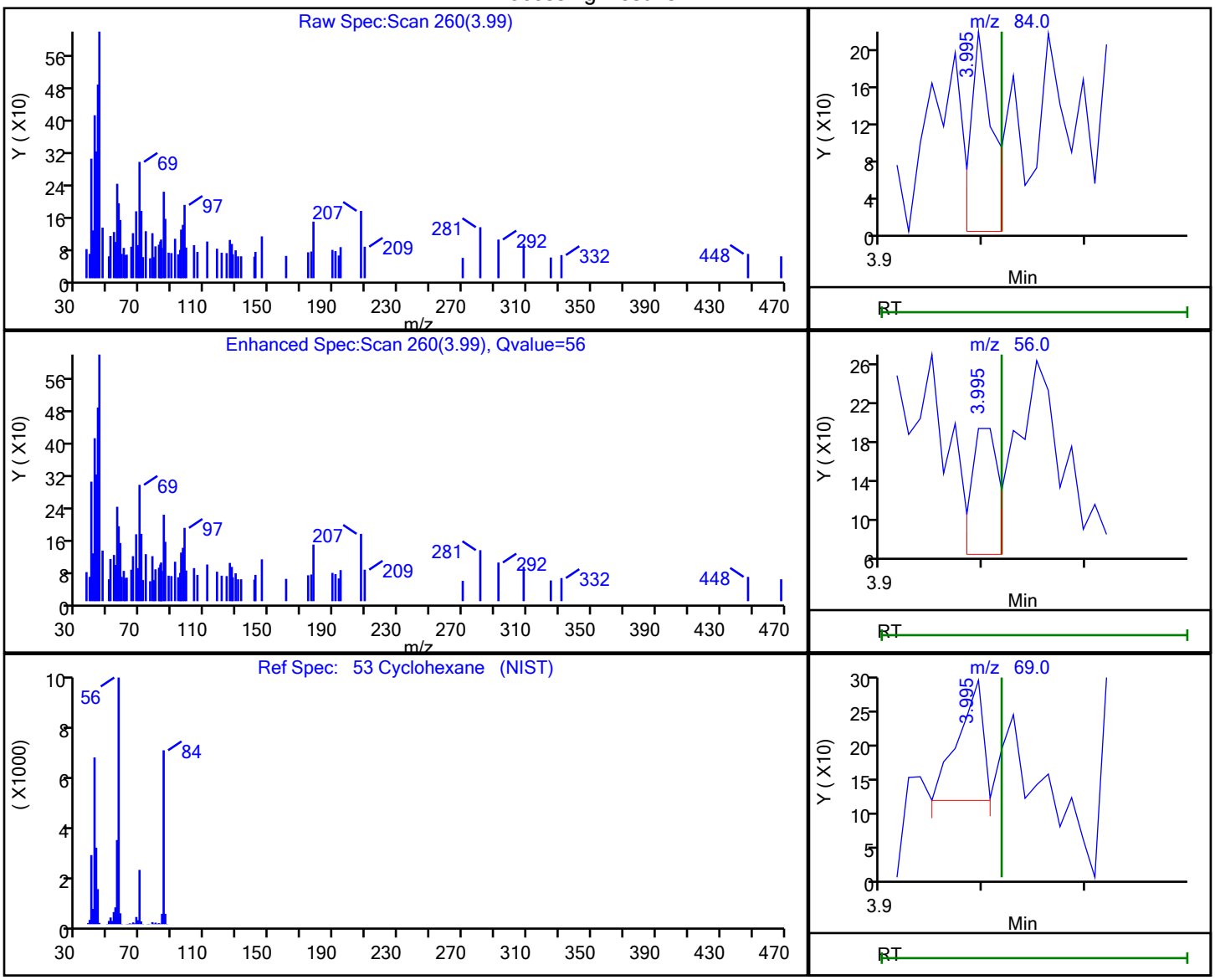
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 53 Cyclohexane, CAS: 110-82-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.99 | 84.00 | 335 | 0.041165 |
| 3.99 | 56.00 | 244 | |
| 3.99 | 69.00 | 301 | |

Reviewer: martineze, 20-Sep-2021 15:15:38

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

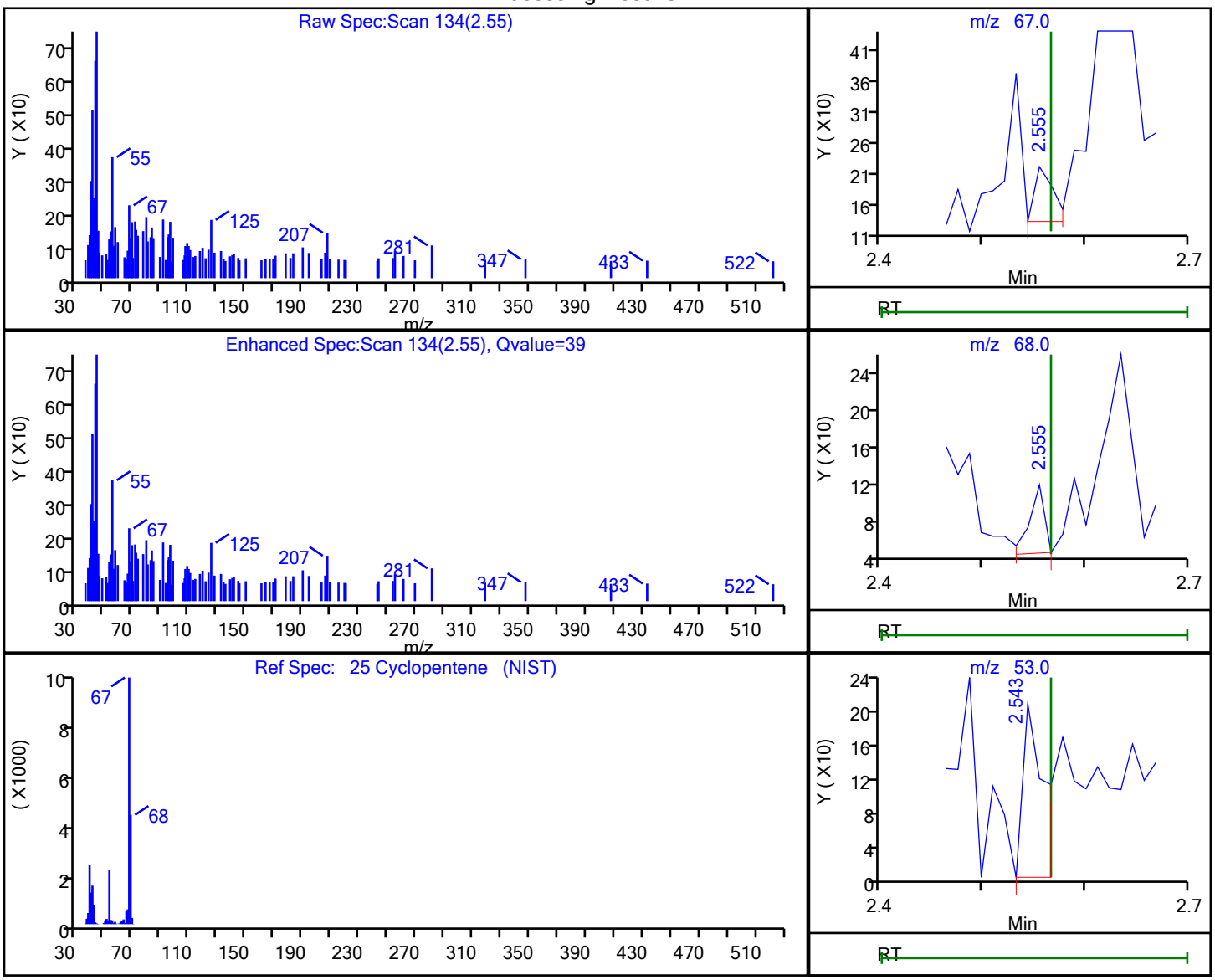
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 25 Cyclopentene, CAS: 142-29-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.55 | 67.00 | 115 | 0.009636 |
| 2.55 | 68.00 | 74 | |
| 2.54 | 53.00 | 297 | |

Reviewer: martineze, 20-Sep-2021 15:13:52
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

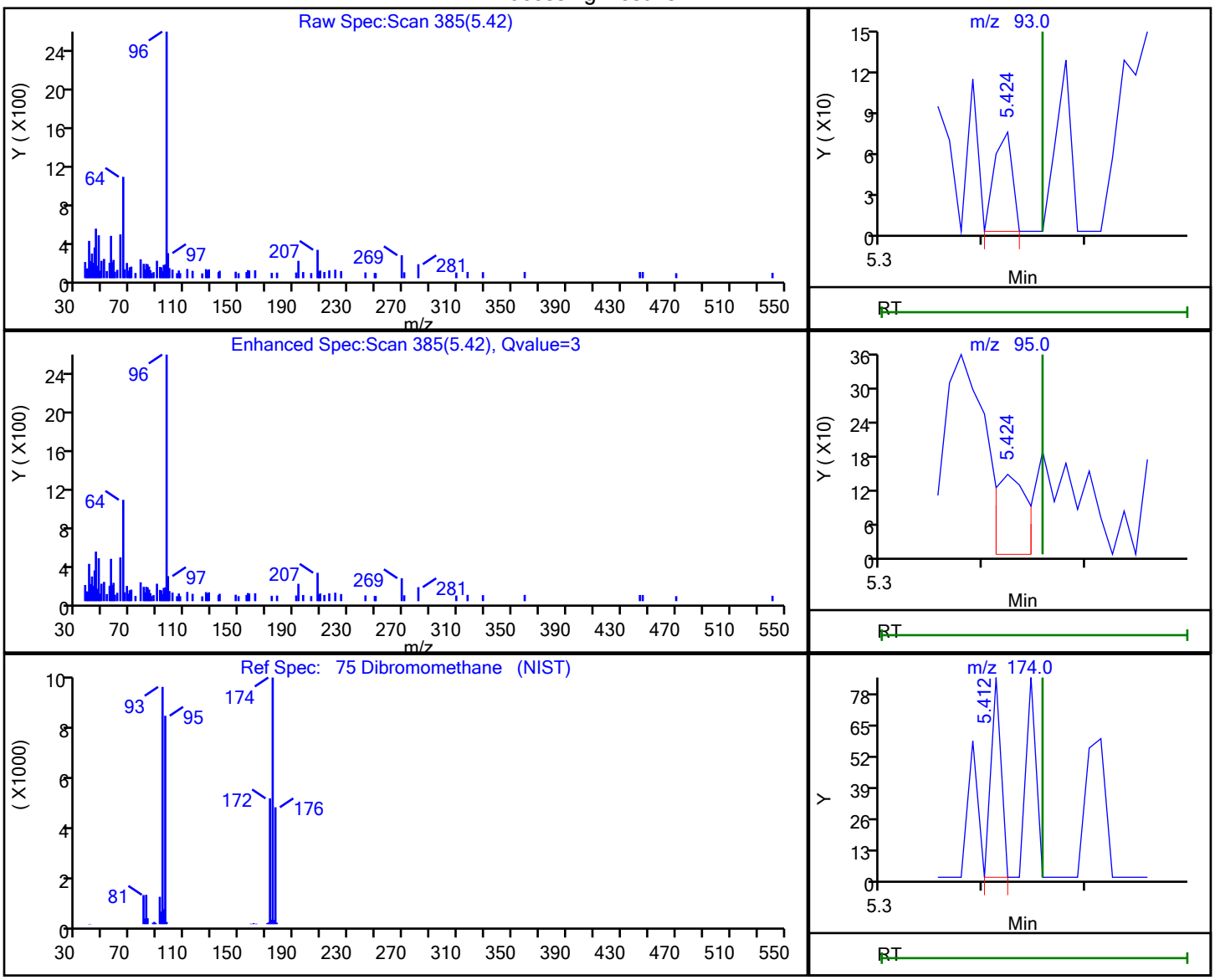
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 75 Dibromomethane, CAS: 74-95-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.42 | 93.00 | 89 | 0.028280 |
| 5.42 | 95.00 | 326 | |
| 5.41 | 174.00 | 58 | |

Reviewer: martineze, 20-Sep-2021 15:16:20
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

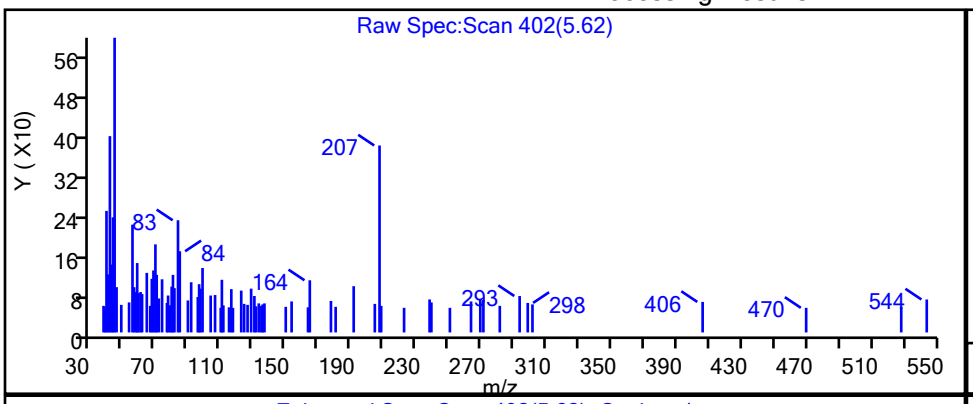
User Disabled Compound Report

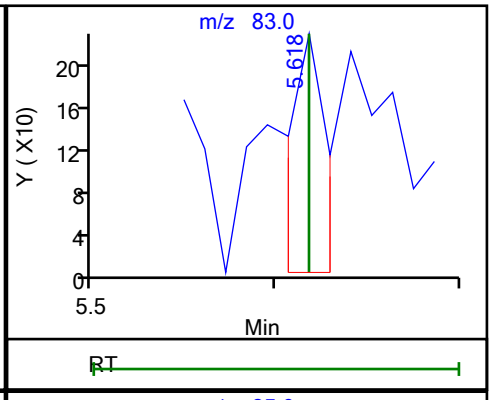
Eurofins TestAmerica, Edison

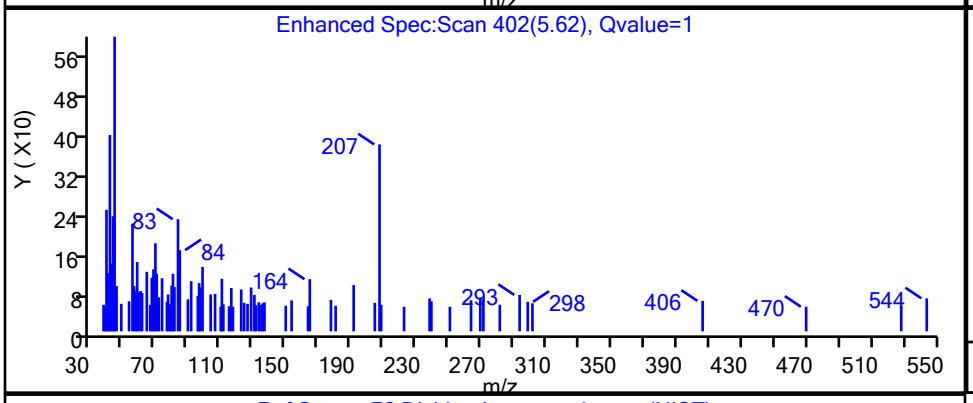
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

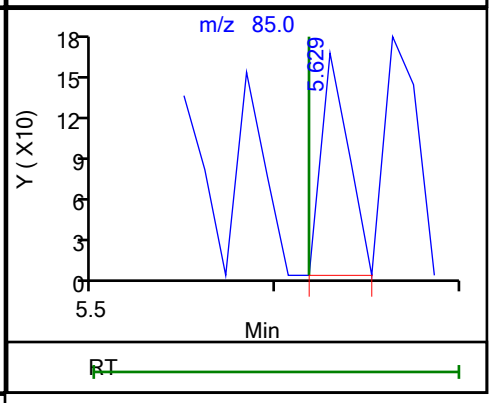
## 76 Dichlorobromomethane, CAS: 75-27-4

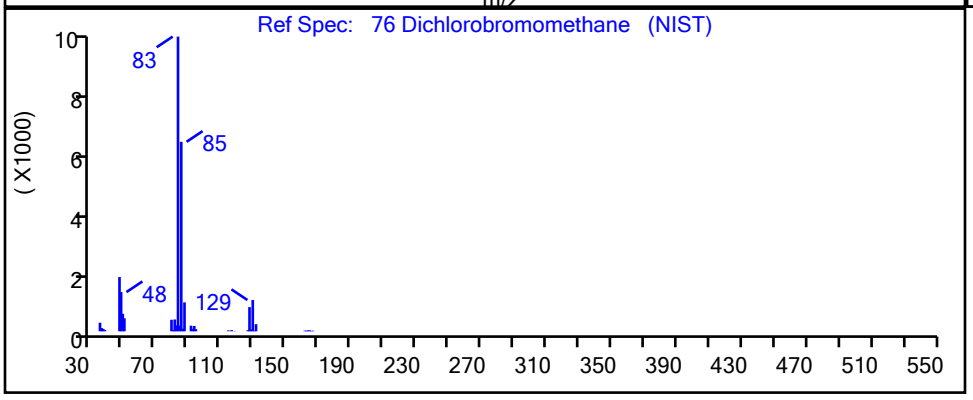
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.62 | 83.00 | 322 | 0.049032 |
| 5.63 | 85.00 | 168 | |

Reviewer: martineze, 20-Sep-2021 15:16:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

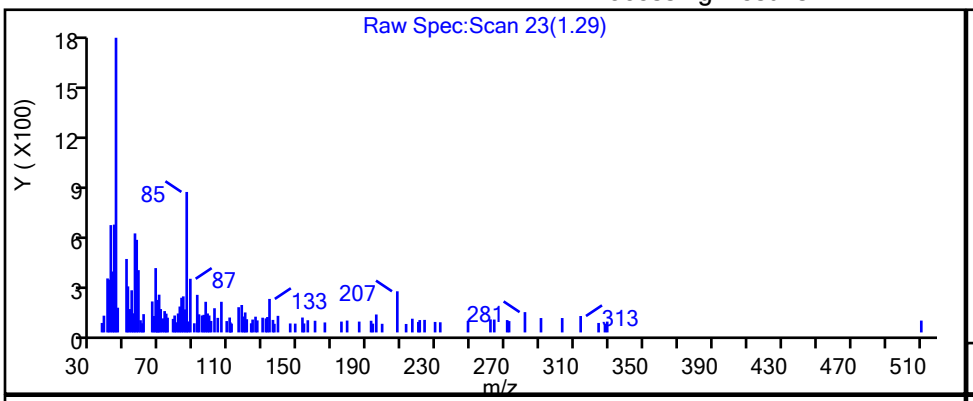
User Disabled Compound Report

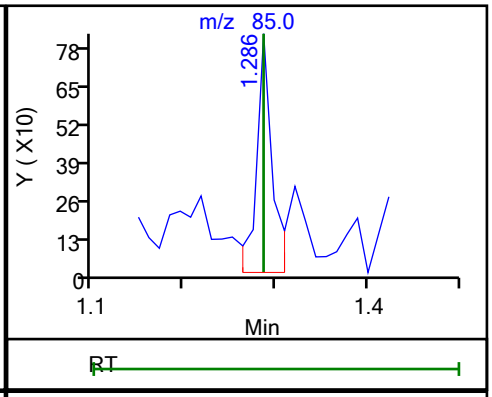
Eurofins TestAmerica, Edison

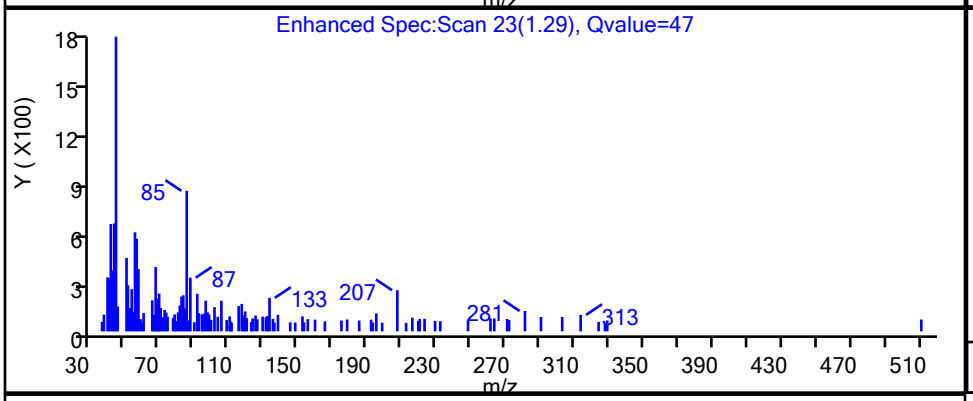
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

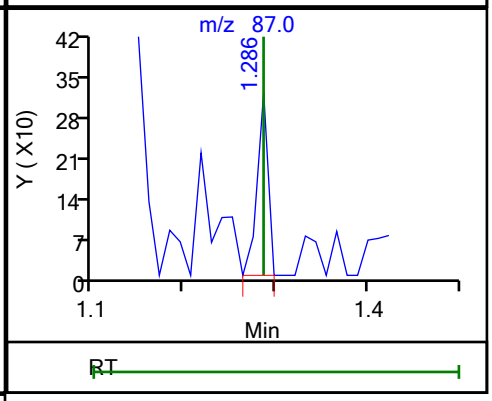
## 5 Dichlorodifluoromethane, CAS: 75-71-8

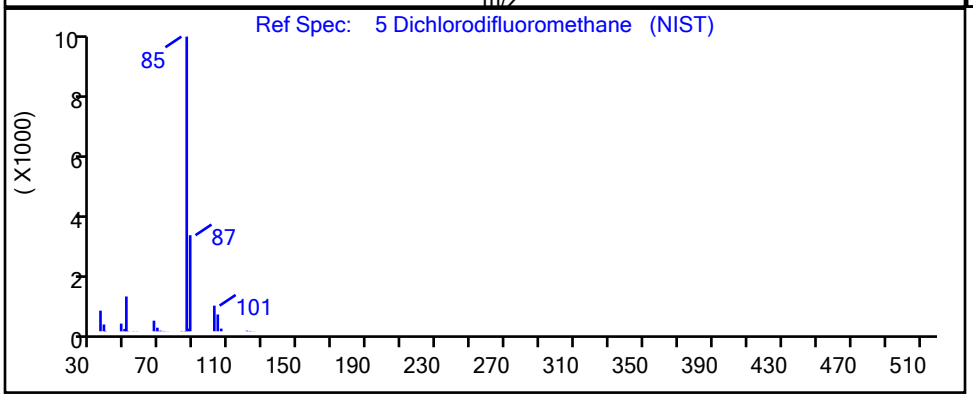
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.29 | 85.00 | 1006 | 0.236338 |
| 1.29 | 87.00 | 263 | |

Reviewer: martineze, 20-Sep-2021 15:07:43

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

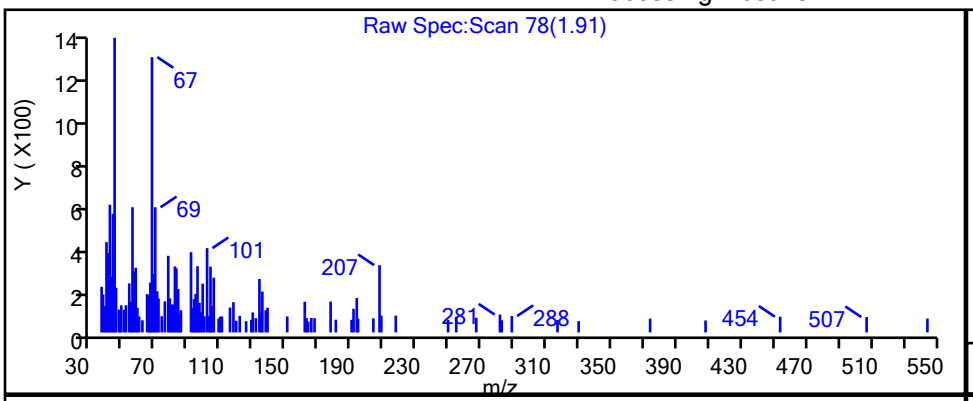
User Disabled Compound Report

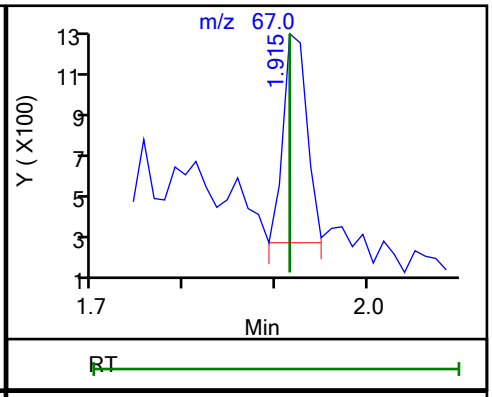
Eurofins TestAmerica, Edison

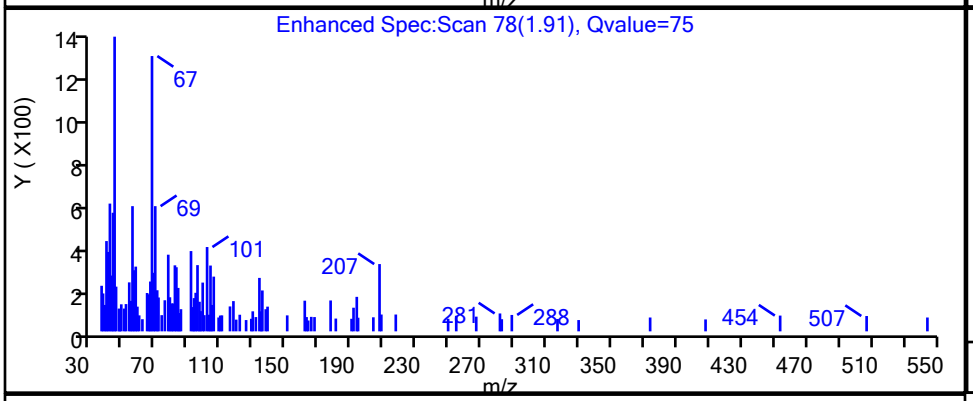
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

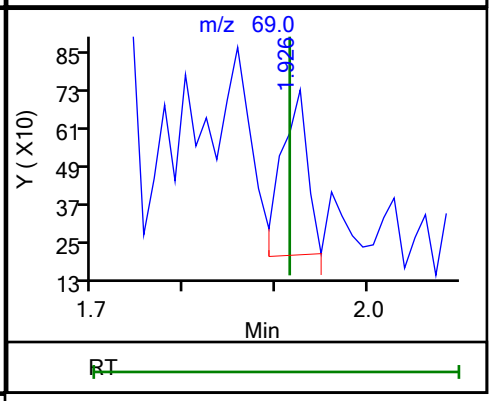
## 11 Dichlorofluoromethane, CAS: 75-43-4

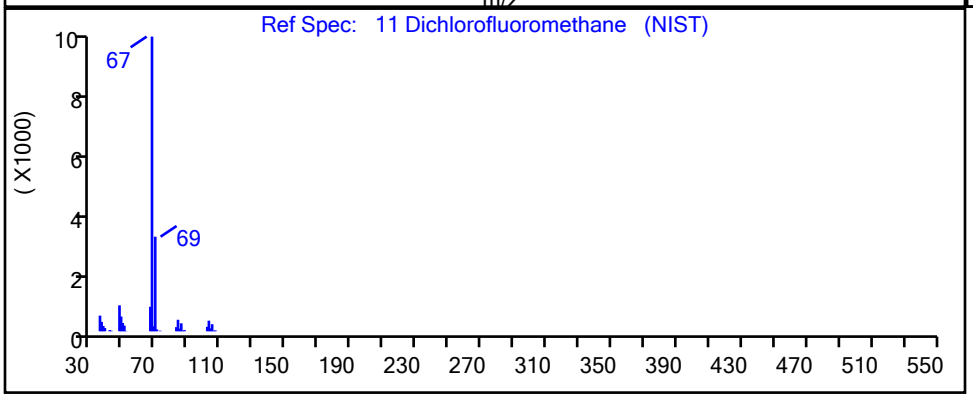
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.91 | 67.00 | 1836 | 0.223073 |
| 1.93 | 69.00 | 1038 | |

Reviewer: martineze, 20-Sep-2021 15:08:02

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

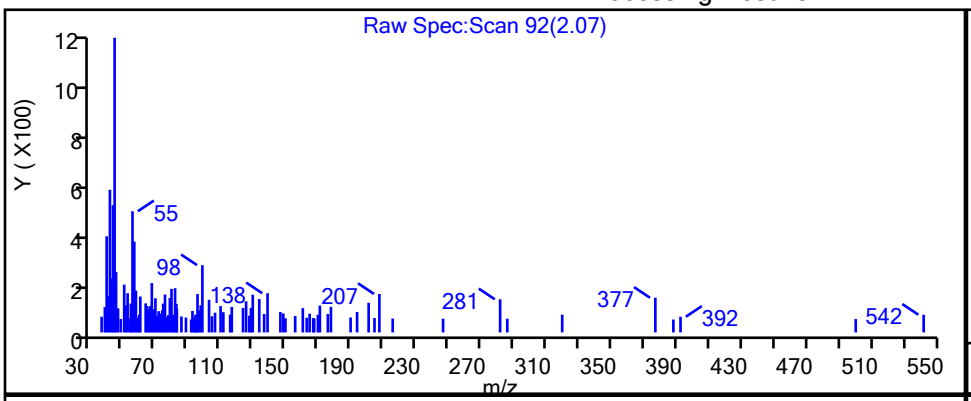
User Disabled Compound Report

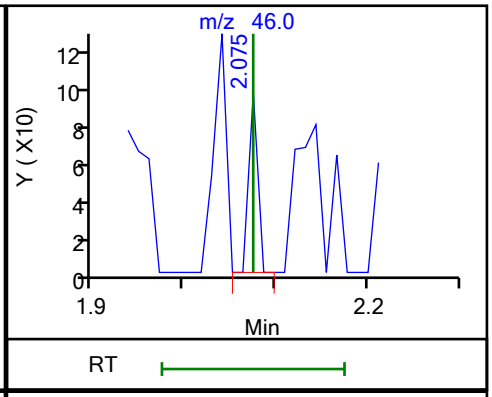
Eurofins TestAmerica, Edison

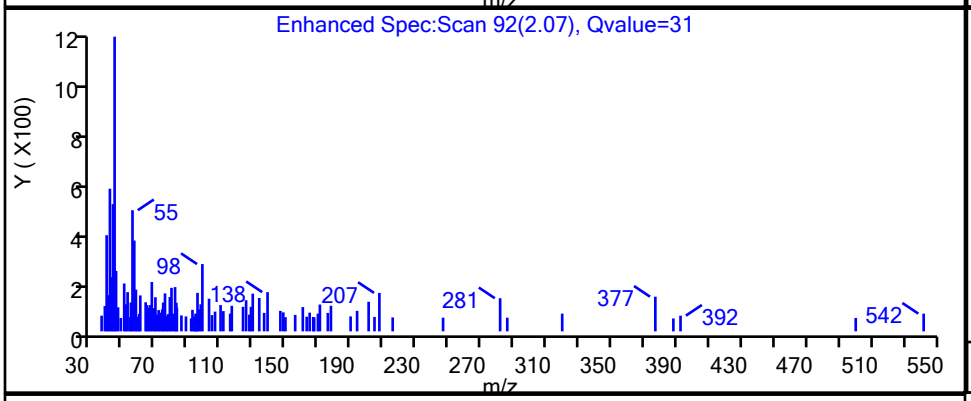
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

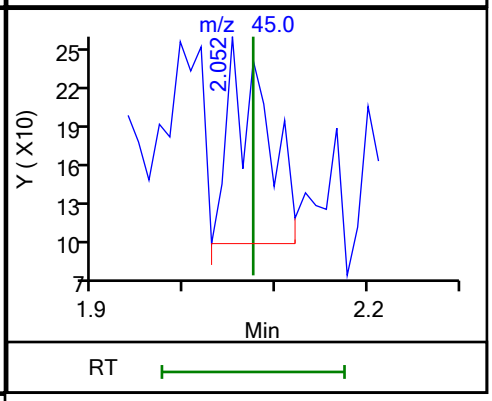
## 17 Ethanol, CAS: 64-17-5

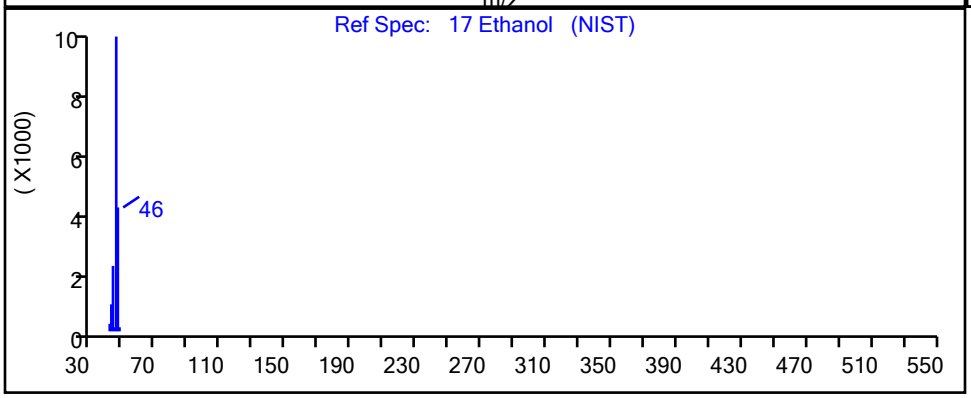
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.07 | 46.00 | 65 | 3.682542 |
| 2.05 | 45.00 | 470 | |

Reviewer: martineze, 20-Sep-2021 15:13:30

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

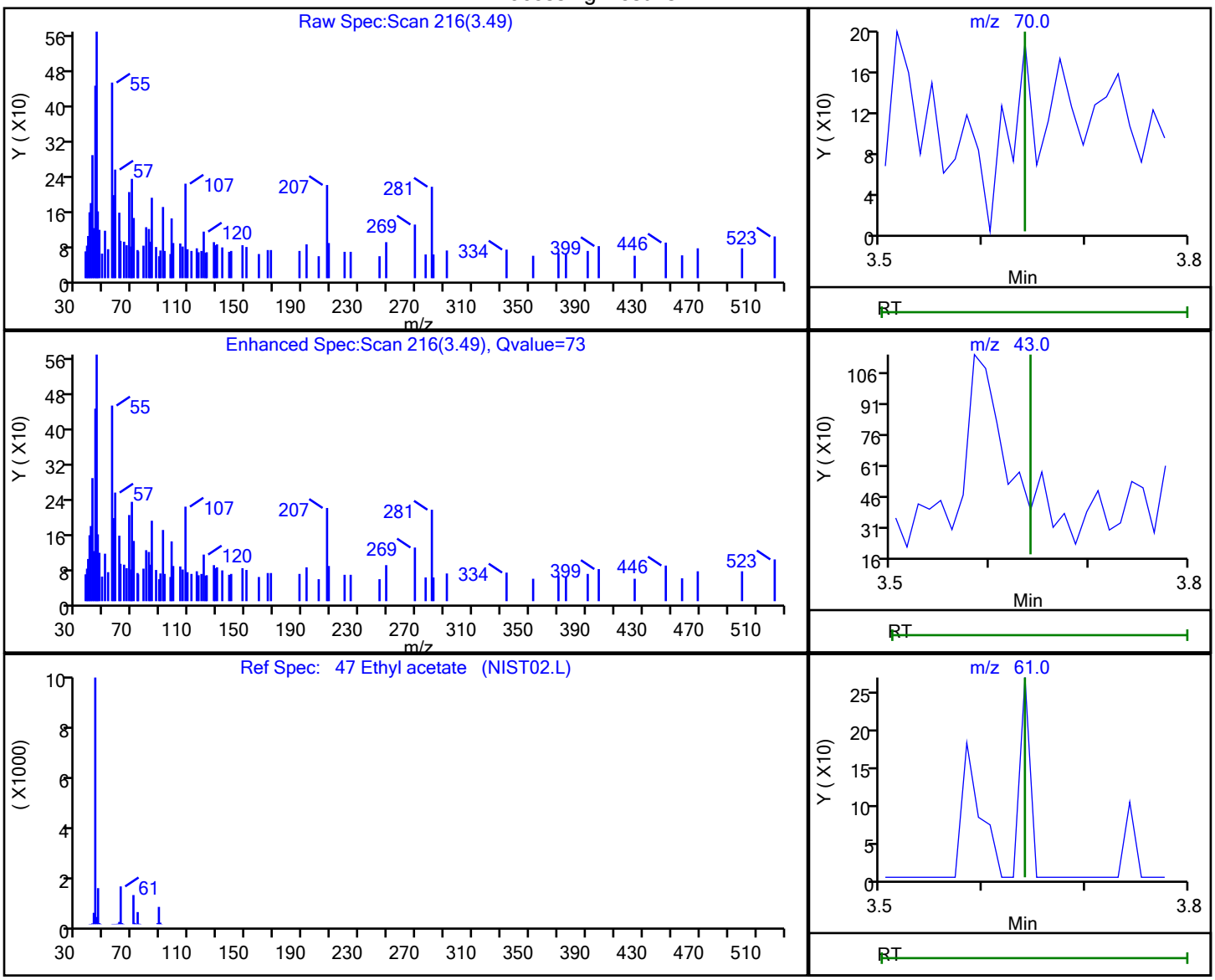
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 47 Ethyl acetate, CAS: 141-78-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.49 | 70.00 | 264 | 0.519979 |
| 3.47 | 43.00 | 1192 | |
| 3.64 | 61.00 | 0 | |

Reviewer: martineze, 20-Sep-2021 15:08:10

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

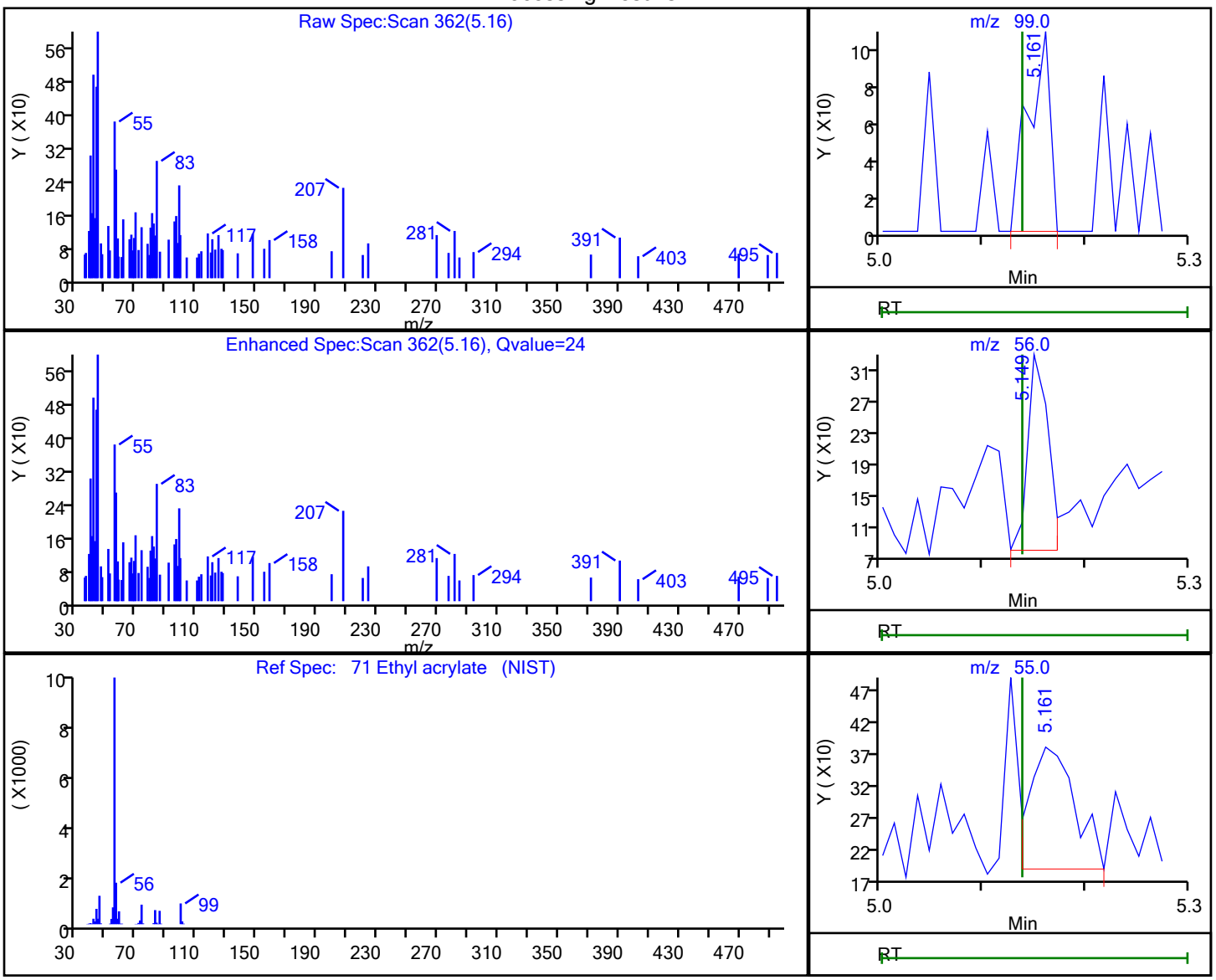
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 71 Ethyl acrylate, CAS: 140-88-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.16 | 99.00 | 154 | 0.167407 |
| 5.15 | 56.00 | 341 | |
| 5.16 | 55.00 | 595 | |

Reviewer: martineze, 20-Sep-2021 15:08:21
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

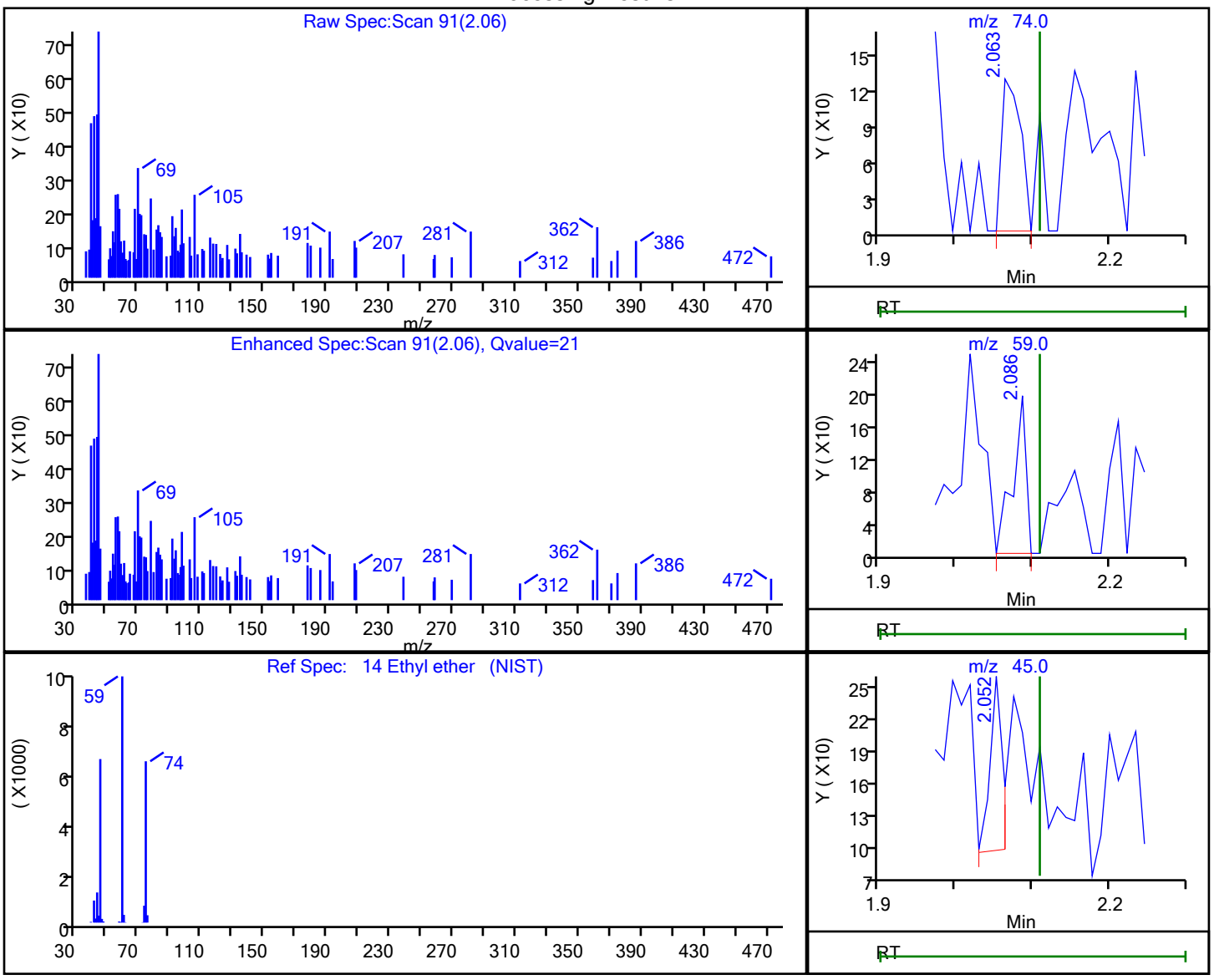
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 14 Ethyl ether, CAS: 60-29-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.06 | 74.00 | 221 | 0.078493 |
| 2.09 | 59.00 | 230 | |
| 2.05 | 45.00 | 189 | |

Reviewer: martineze, 20-Sep-2021 15:13:32
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

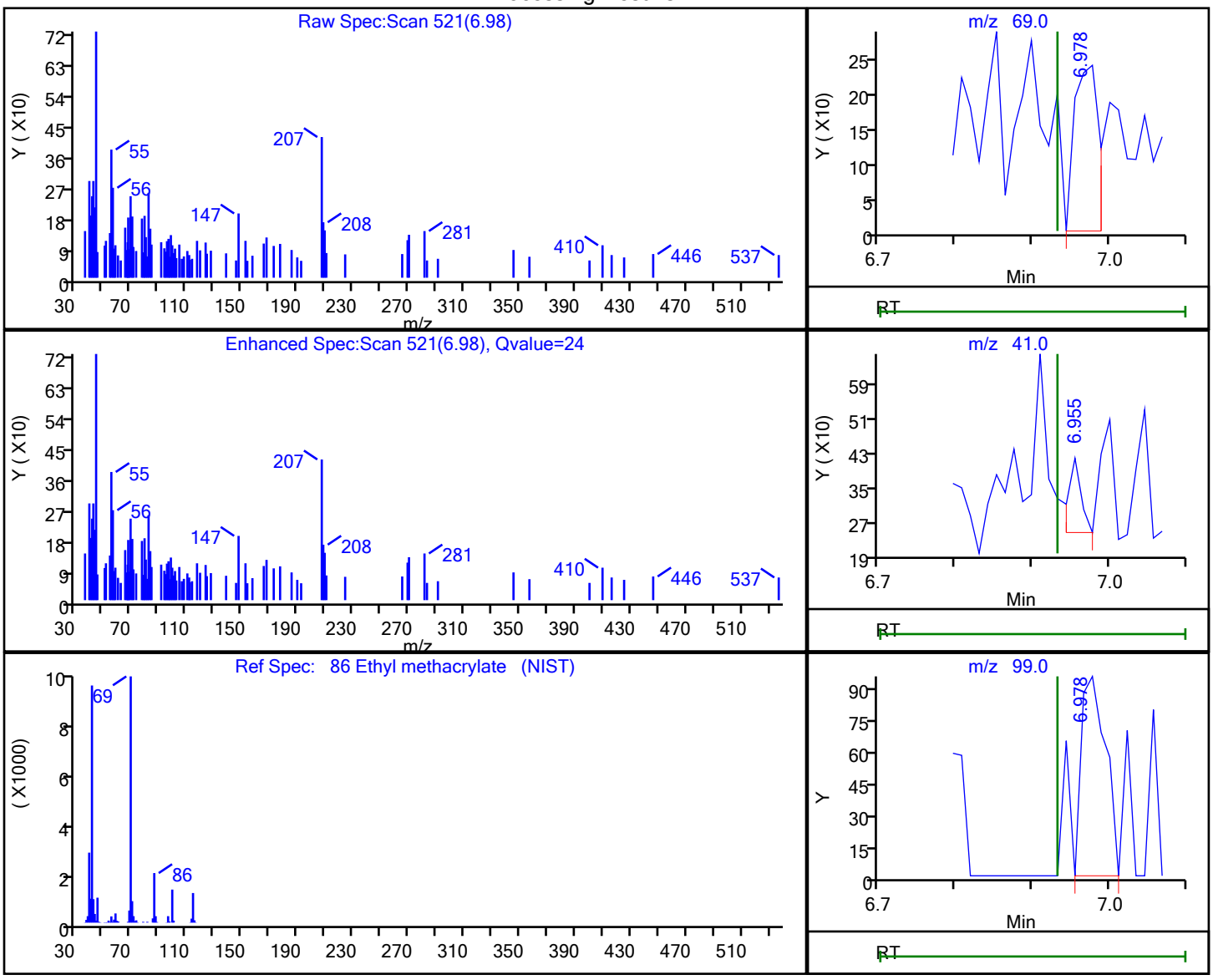
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 86 Ethyl methacrylate, CAS: 97-63-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.98 | 69.00 | 539 | 0.088020 |
| 6.96 | 41.00 | 198 | |
| 6.98 | 99.00 | 213 | |

Reviewer: martineze, 20-Sep-2021 15:16:44

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

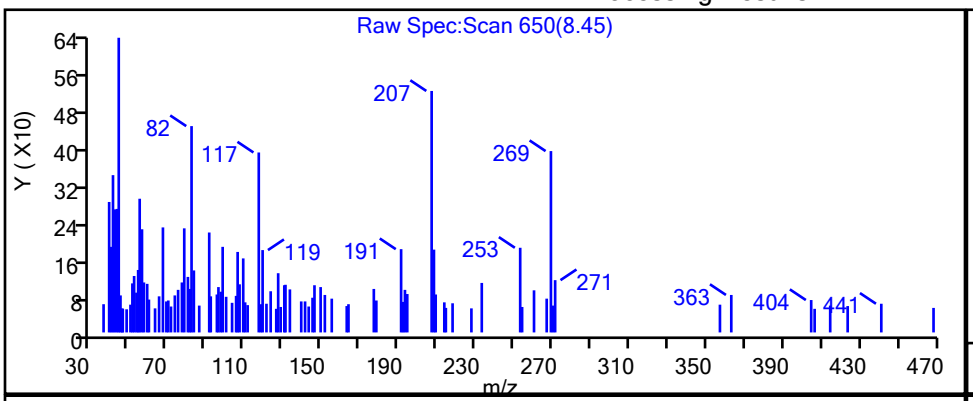
User Disabled Compound Report

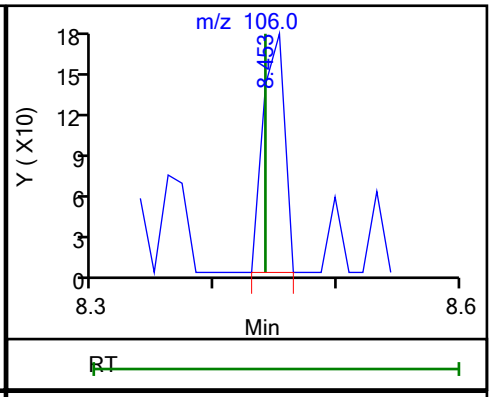
Eurofins TestAmerica, Edison

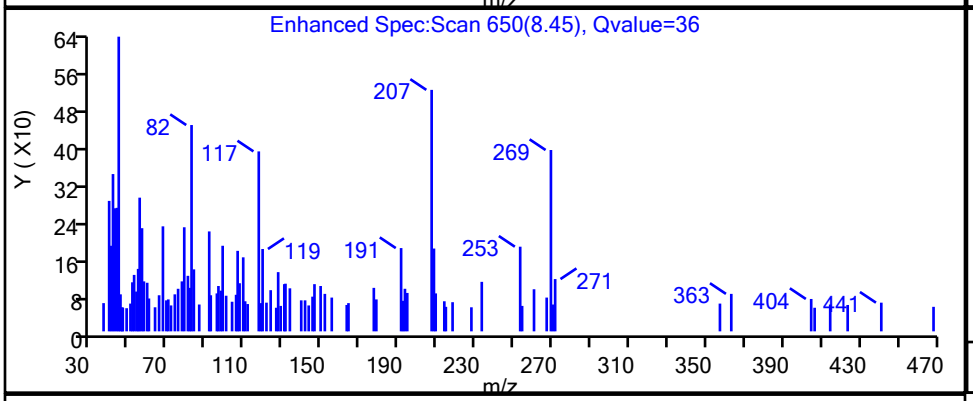
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

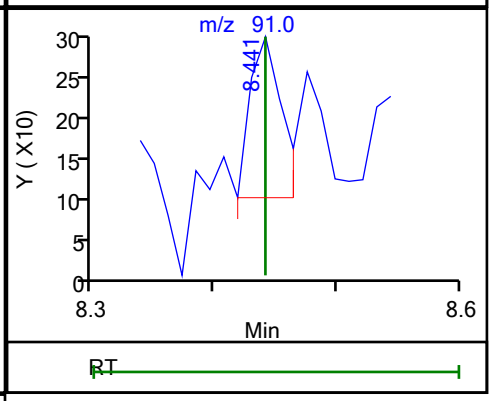
## 97 Ethylbenzene, CAS: 100-41-4

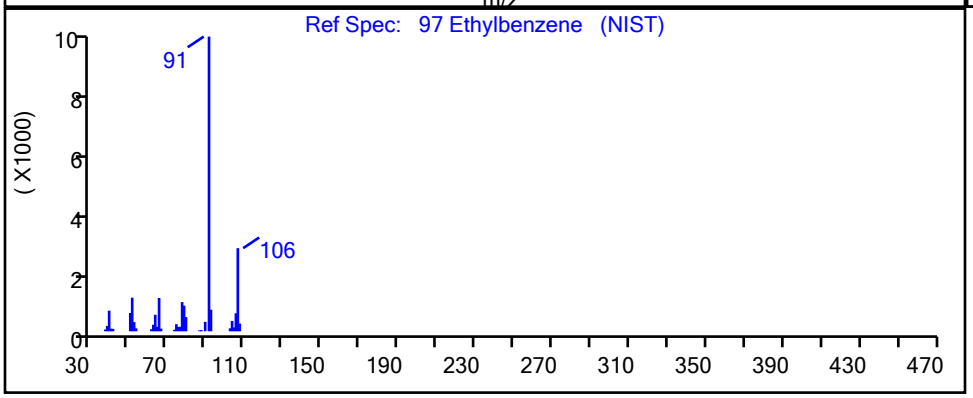
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.45 | 106.00 | 213 | 0.029318 |
| 8.44 | 91.00 | 360 | |

Reviewer: martineze, 20-Sep-2021 15:17:01

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

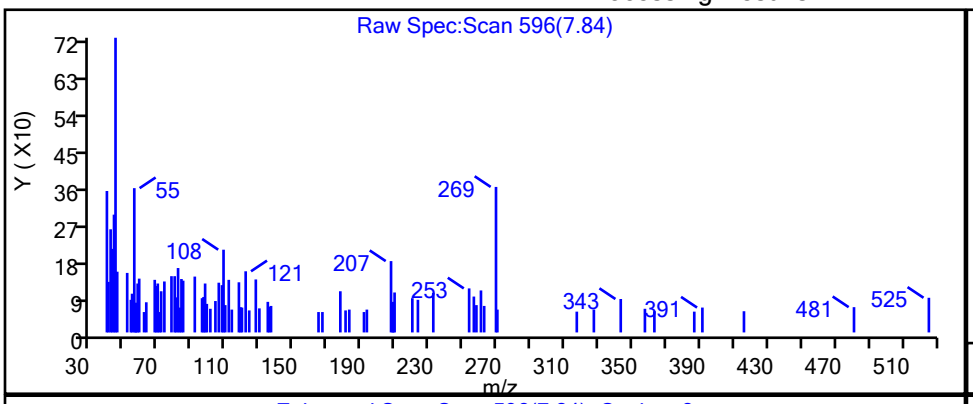
User Disabled Compound Report

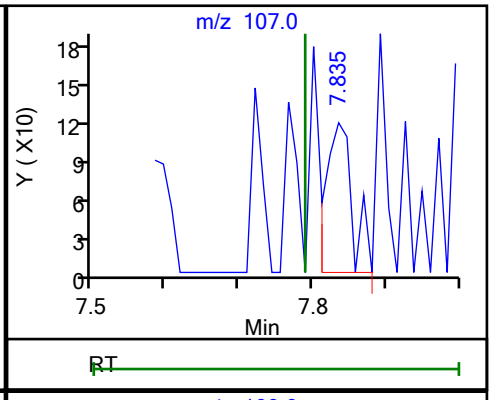
Eurofins TestAmerica, Edison

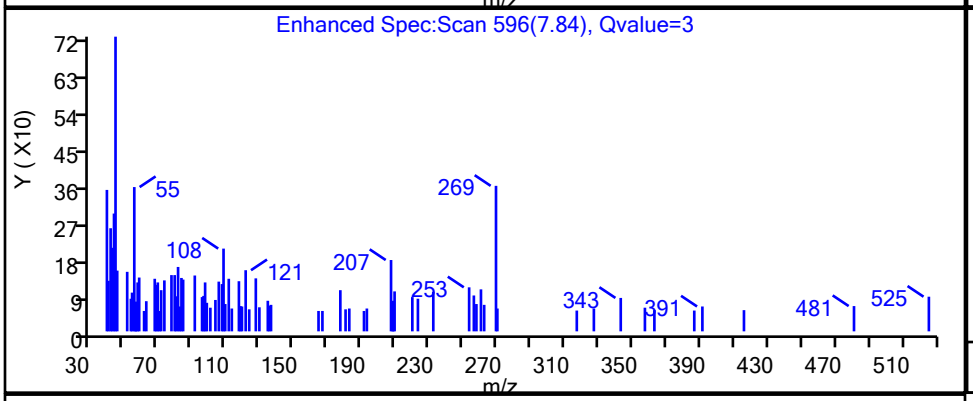
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

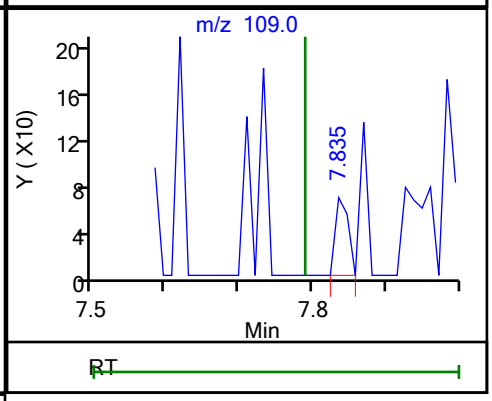
## 93 Ethylene Dibromide, CAS: 106-93-4

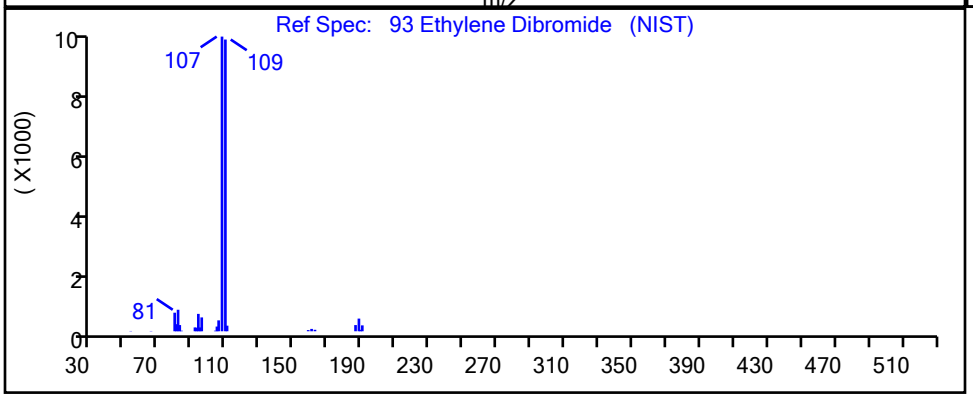
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.84 | 107.00 | 293 | 0.061614 |
| 7.84 | 109.00 | 82 | |

Reviewer: martineze, 20-Sep-2021 15:16:58

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

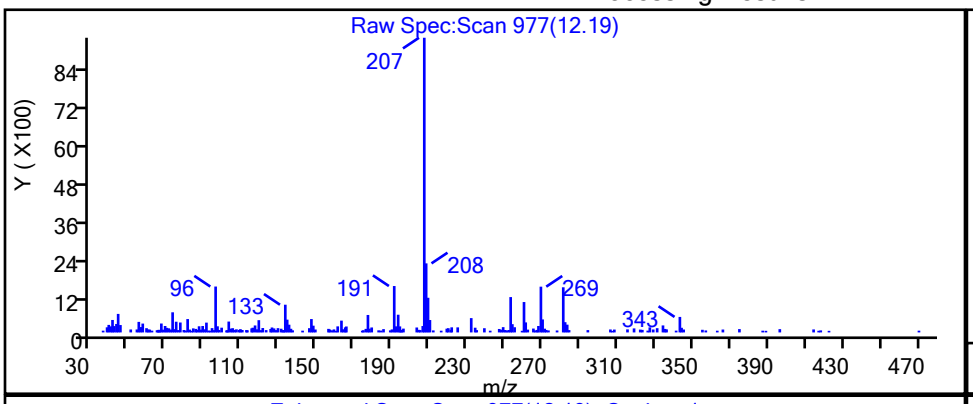
User Disabled Compound Report

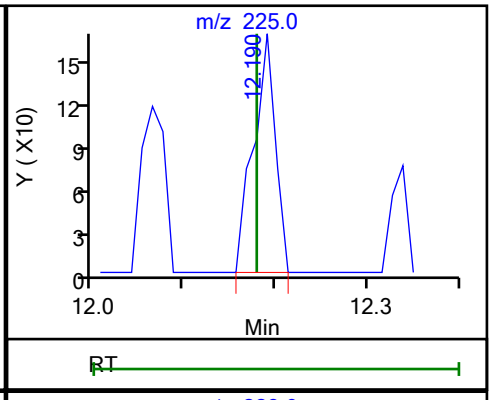
Eurofins TestAmerica, Edison

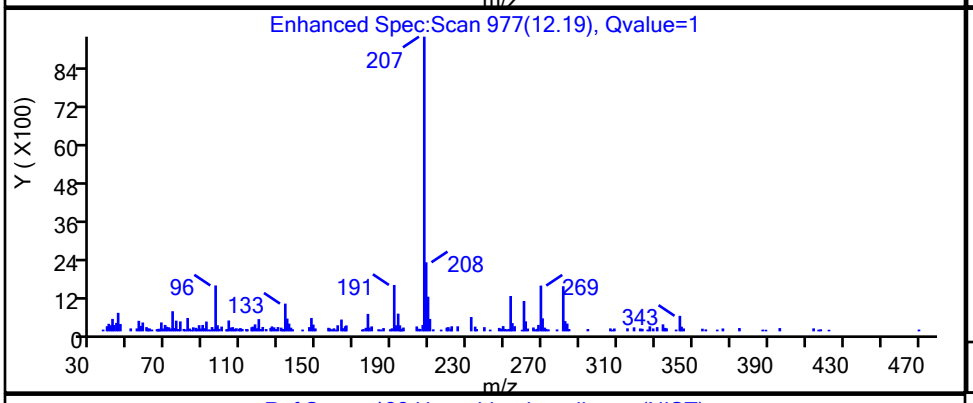
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

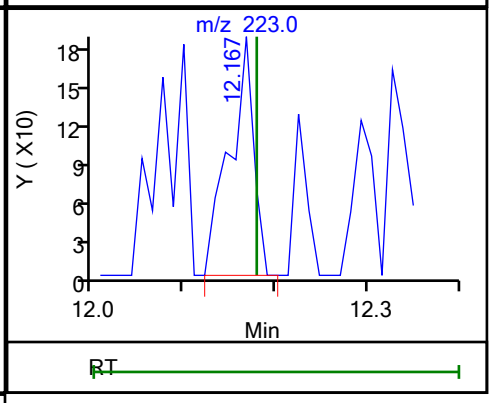
## 133 Hexachlorobutadiene, CAS: 87-68-3

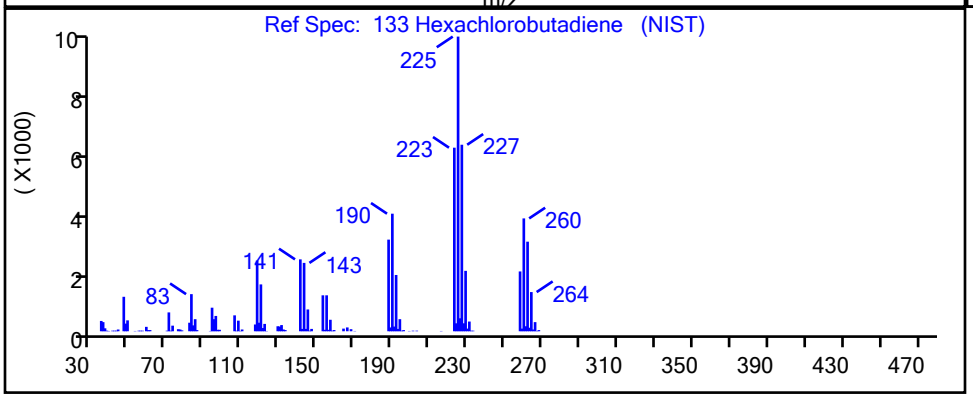
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.19 | 225.00 | 268 | 0.116066 |
| 12.17 | 223.00 | 346 | |

Reviewer: martineze, 20-Sep-2021 15:18:55

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

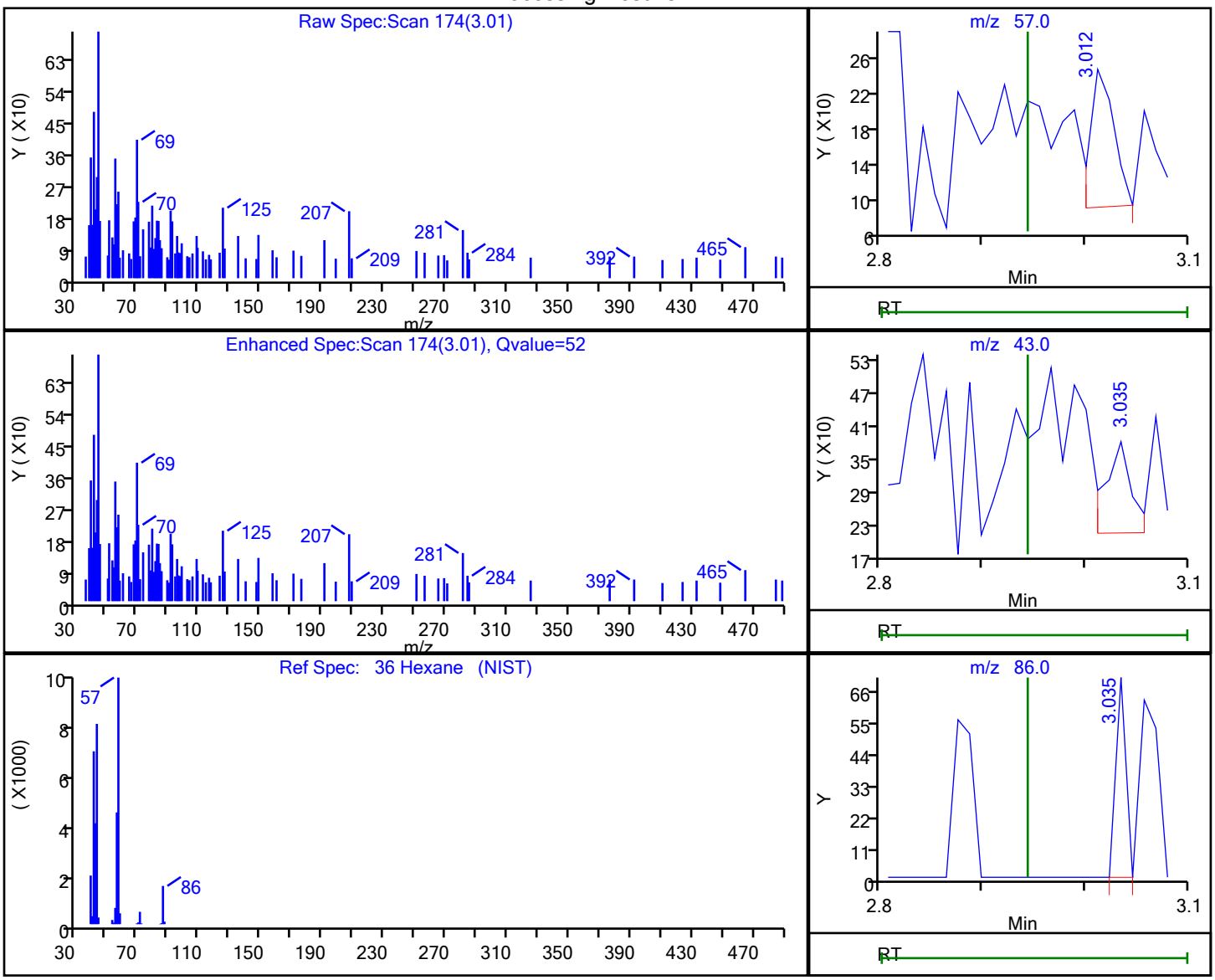
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 36 Hexane, CAS: 110-54-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.01 | 57.00 | 249 | 0.037169 |
| 3.03 | 43.00 | 299 | |
| 3.03 | 86.00 | 49 | |
| 3.02 | 56.00 | 403 | |

Reviewer: martineze, 20-Sep-2021 15:14:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

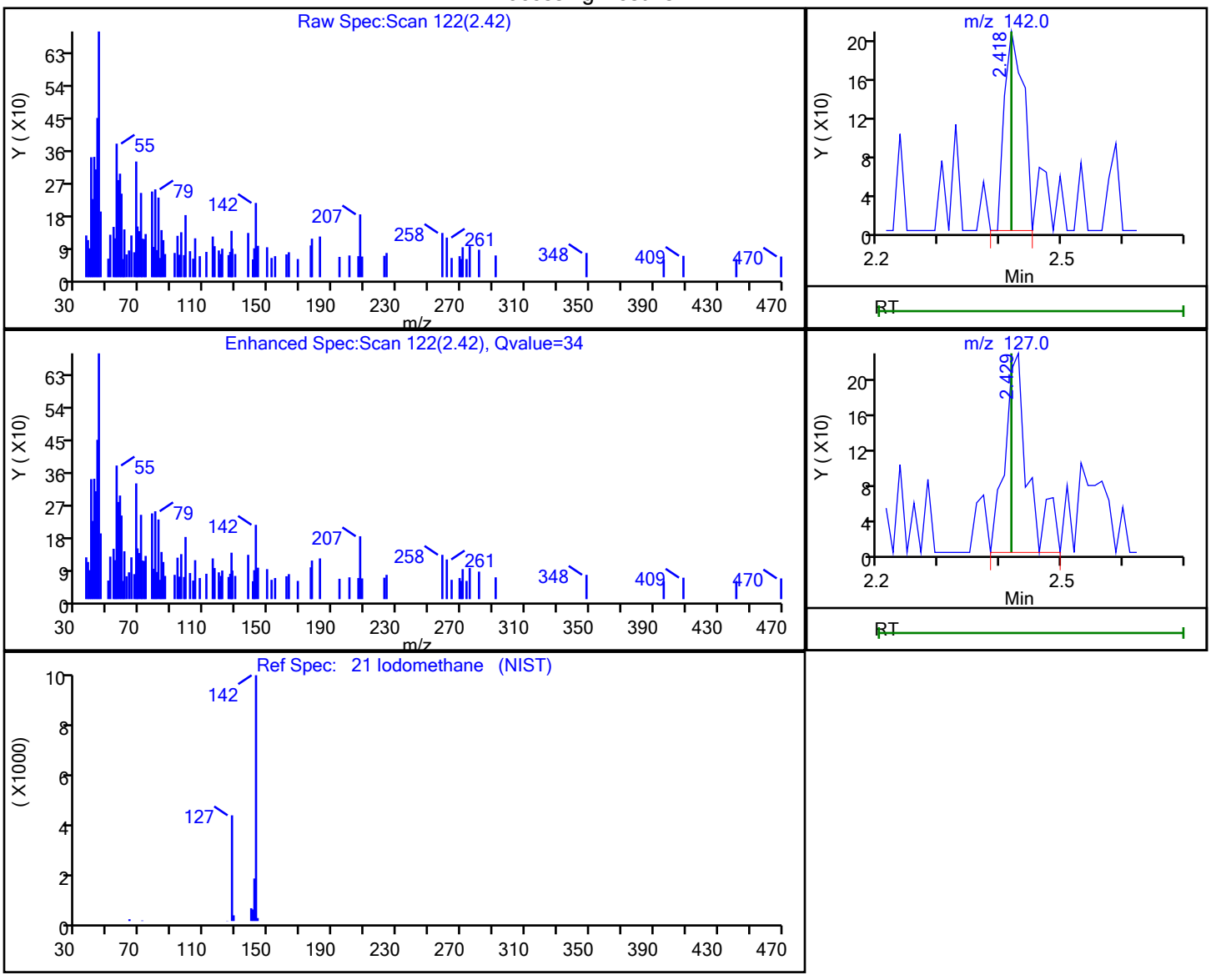
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 21 Iodomethane, CAS: 74-88-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.42 | 142.00 | 455 | 0.099269 |
| 2.43 | 127.00 | 607 | |

Reviewer: martineze, 20-Sep-2021 15:13:42

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

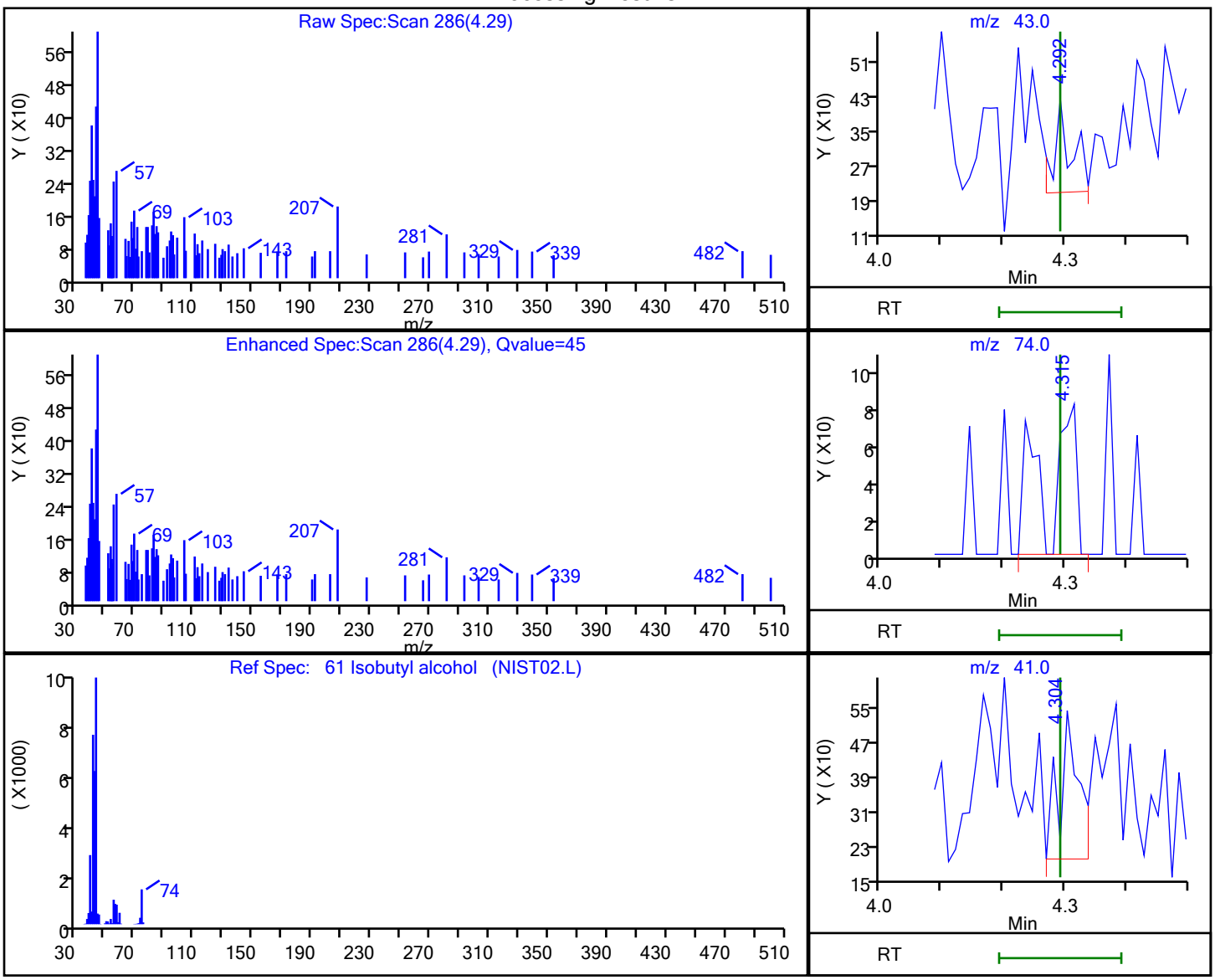
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 61 Isobutyl alcohol, CAS: 78-83-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.29 | 43.00 | 422 | 1.757691 |
| 4.31 | 74.00 | 273 | |
| 4.30 | 41.00 | 756 | |

Reviewer: martineze, 20-Sep-2021 15:15:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

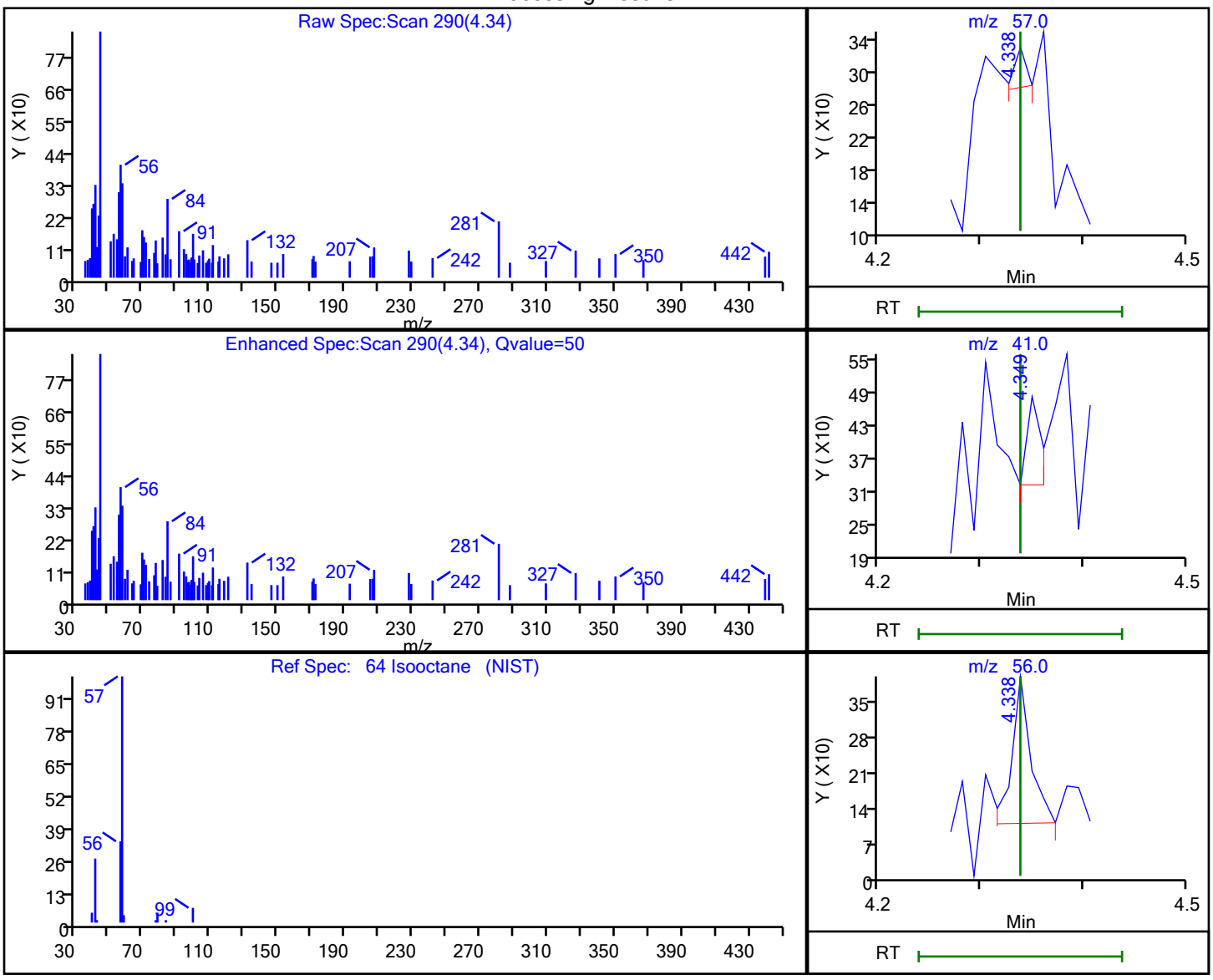
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 64 Isooctane, CAS: 540-84-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.34 | 57.00 | 38 | 0.002857 |
| 4.35 | 41.00 | 152 | |
| 4.34 | 56.00 | 370 | |

Reviewer: martineze, 20-Sep-2021 15:08:23

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

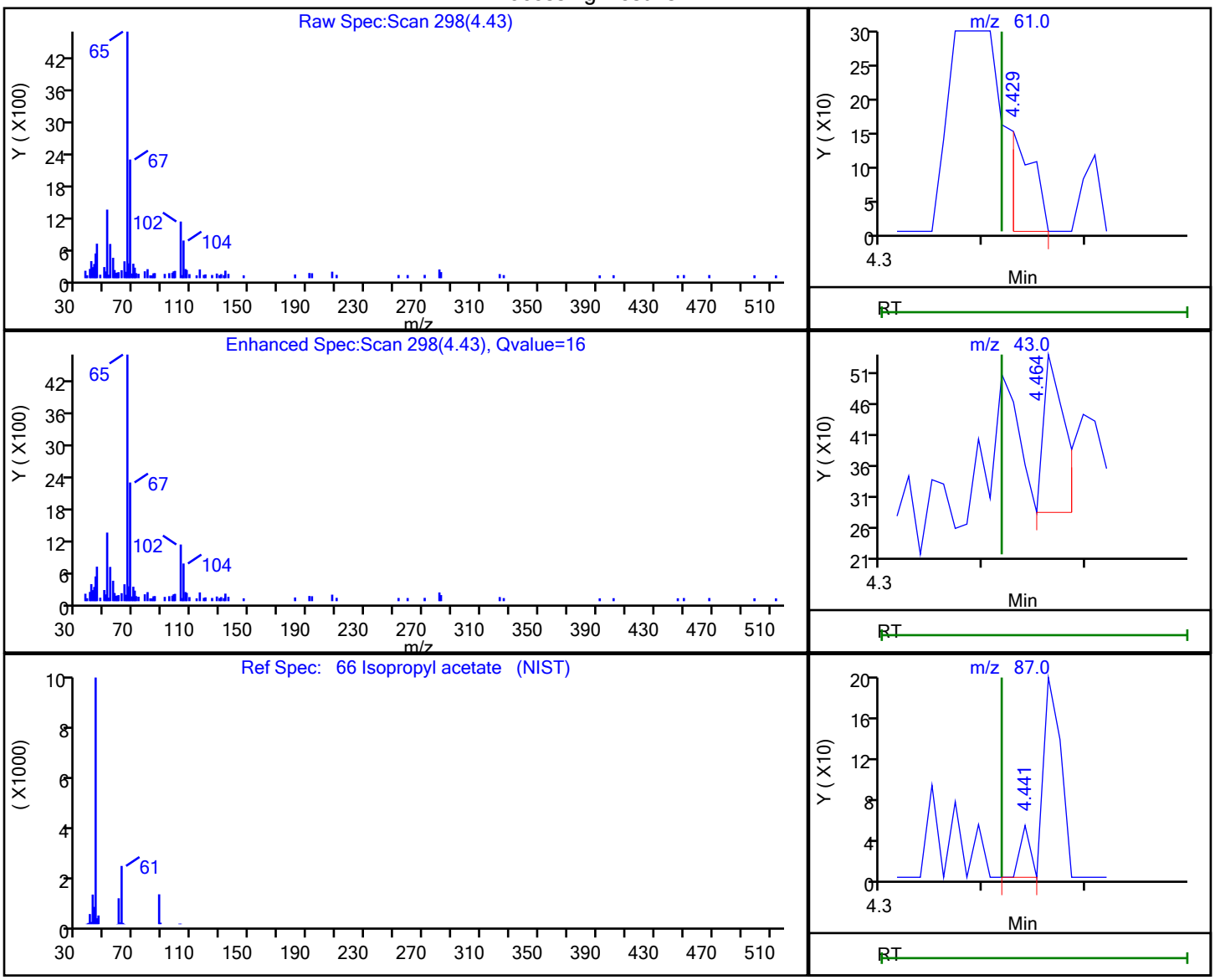
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 66 Isopropyl acetate, CAS: 108-21-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.43 | 61.00 | 241 | 0.111898 |
| 4.46 | 43.00 | 368 | |
| 4.44 | 87.00 | 34 | |

Reviewer: martineze, 20-Sep-2021 15:15:47

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

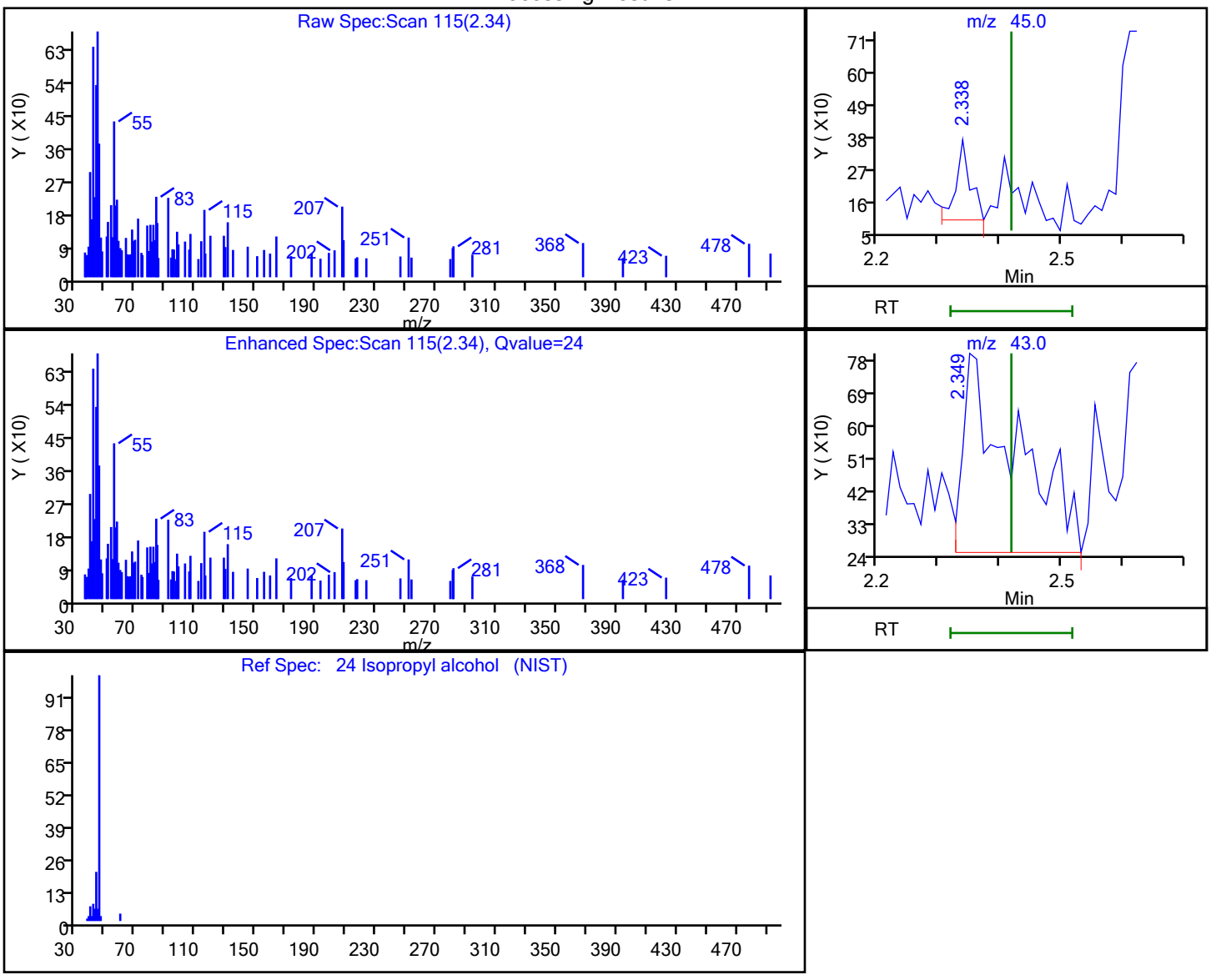
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 24 Isopropyl alcohol, CAS: 67-63-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.34 | 45.00 | 454 | 2.010931 |
| 2.35 | 43.00 | 3302 | |

Reviewer: martineze, 20-Sep-2021 15:08:04
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

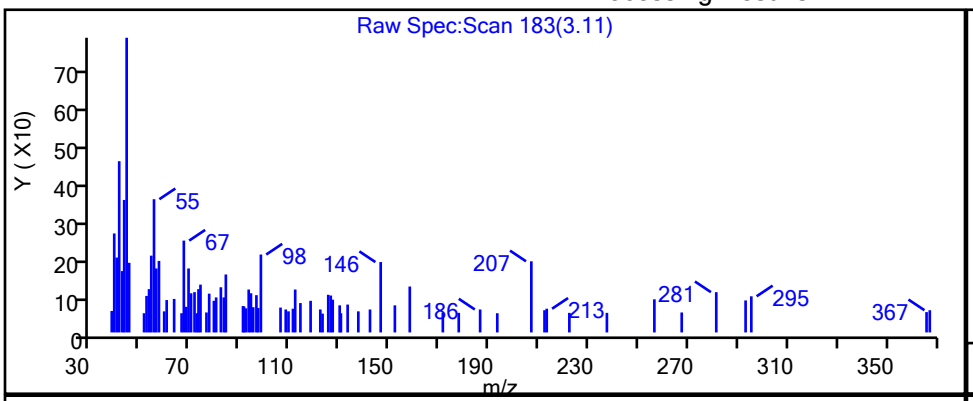
User Disabled Compound Report

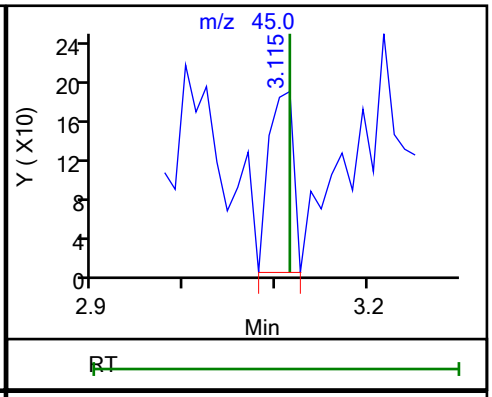
Eurofins TestAmerica, Edison

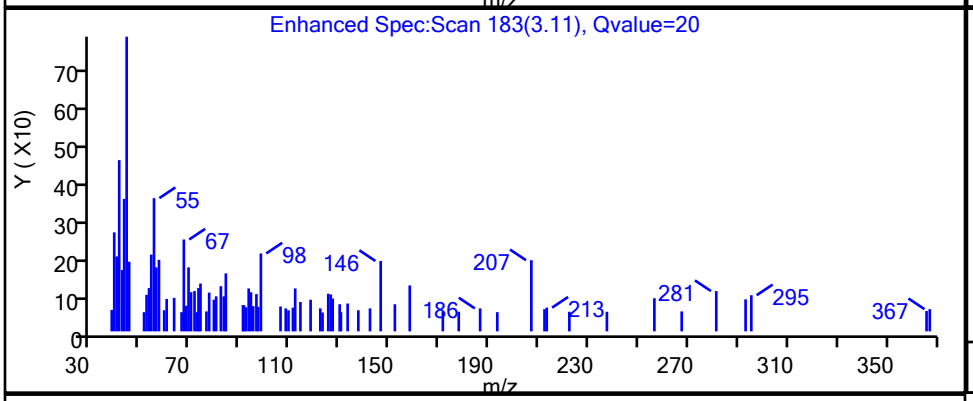
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

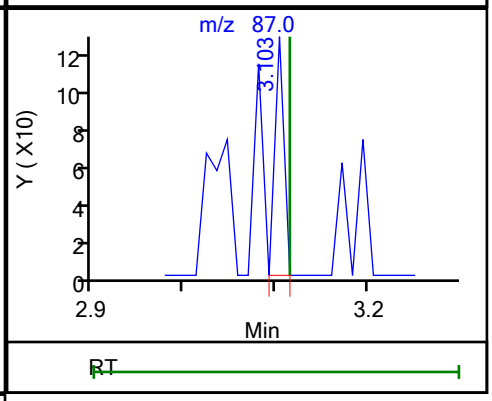
## 37 Isopropyl ether, CAS: 108-20-3

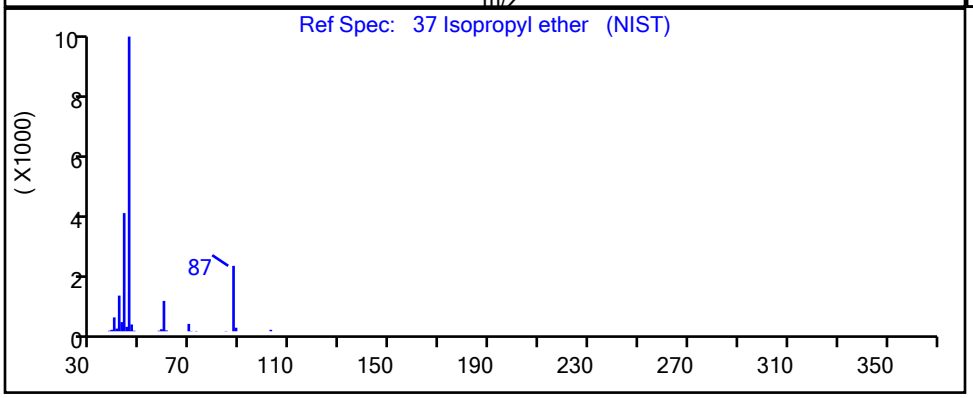
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.11 | 45.00 | 346 | 0.026326 |
| 3.10 | 87.00 | 84 | |

Reviewer: martineze, 20-Sep-2021 15:14:14
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

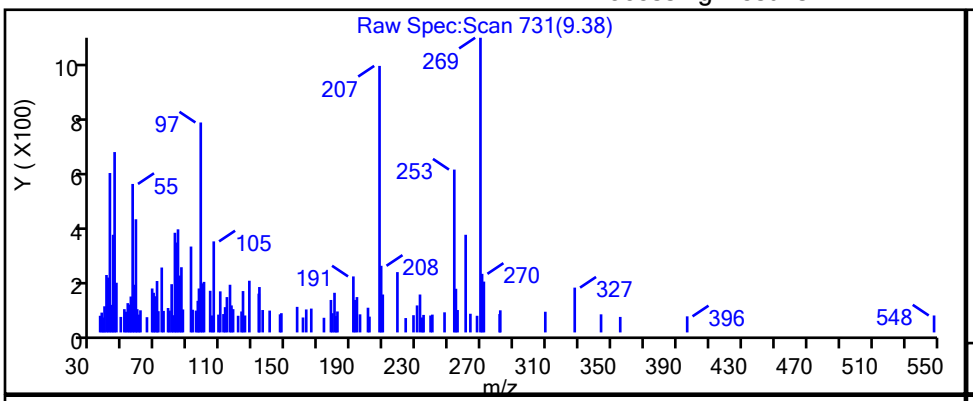
User Disabled Compound Report

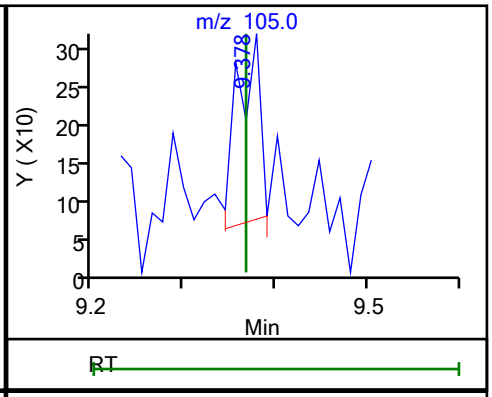
Eurofins TestAmerica, Edison

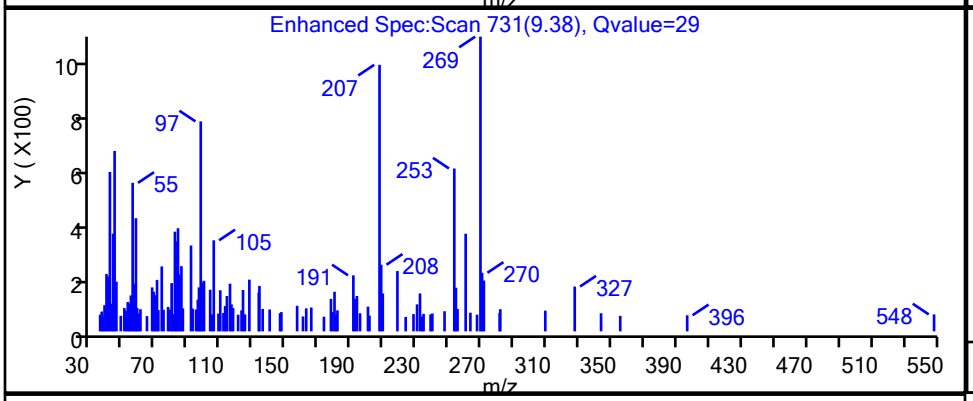
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

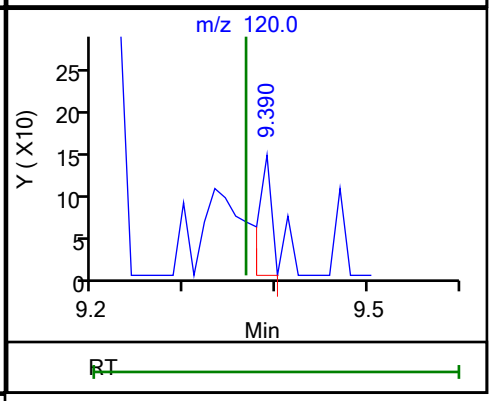
## 104 Isopropylbenzene, CAS: 98-82-8

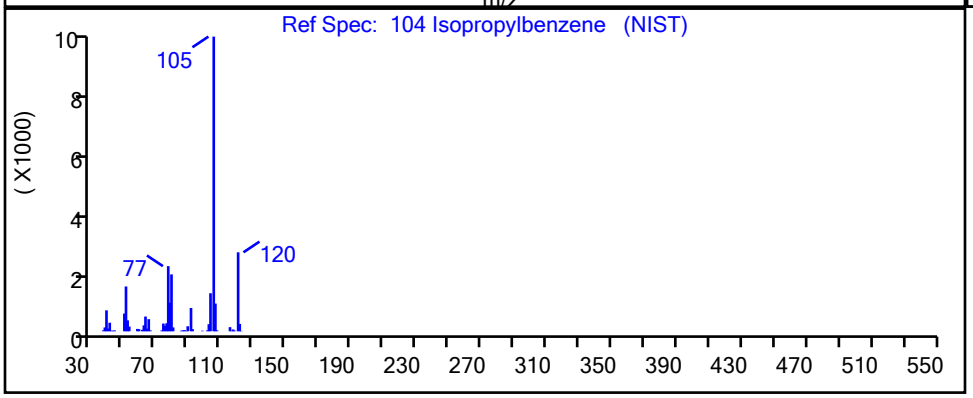
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.38 | 105.00 | 427 | 0.019141 |
| 9.39 | 120.00 | 139 | |

Reviewer: martineze, 20-Sep-2021 15:17:56

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

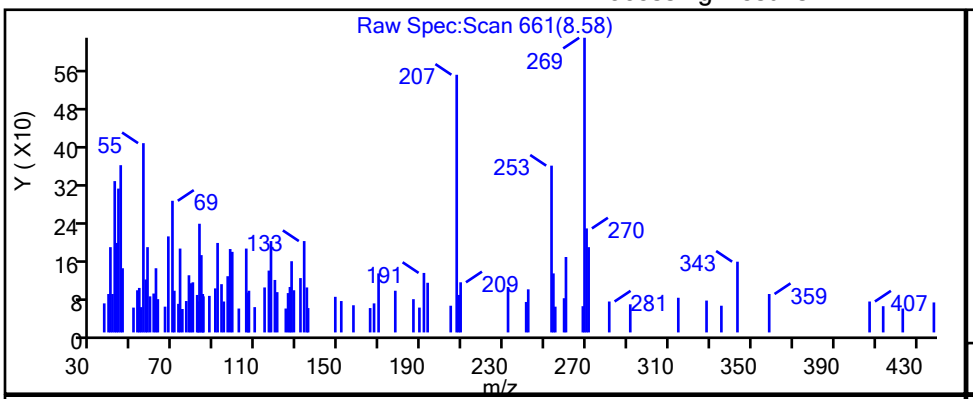
User Disabled Compound Report

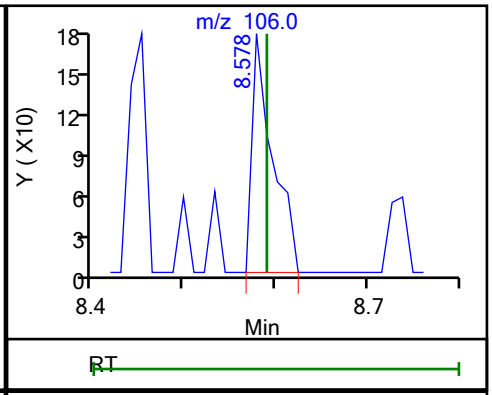
Eurofins TestAmerica, Edison

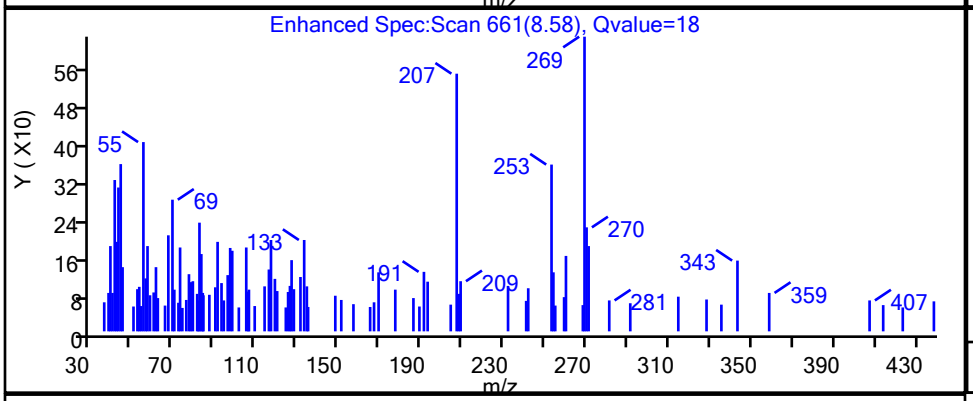
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

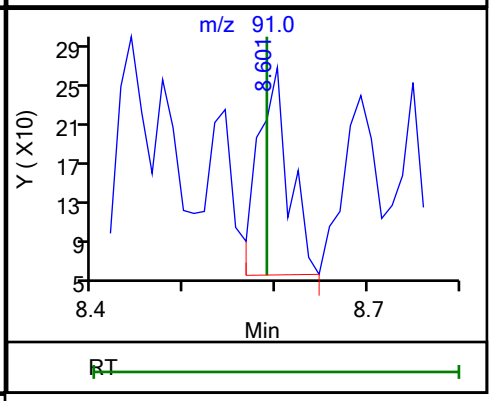
## 98 m-Xylene & p-Xylene, CAS: 179601-23-1

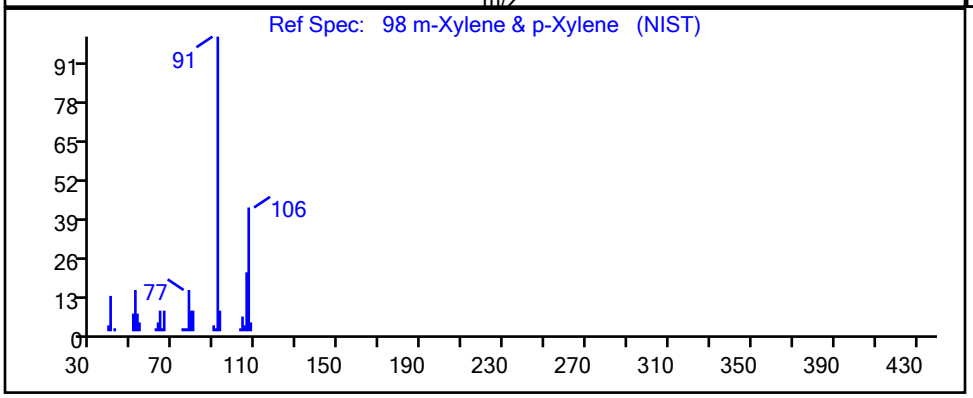
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.58 | 106.00 | 273 | 0.030583 |
| 8.60 | 91.00 | 490 | |

Reviewer: martineze, 20-Sep-2021 15:17:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

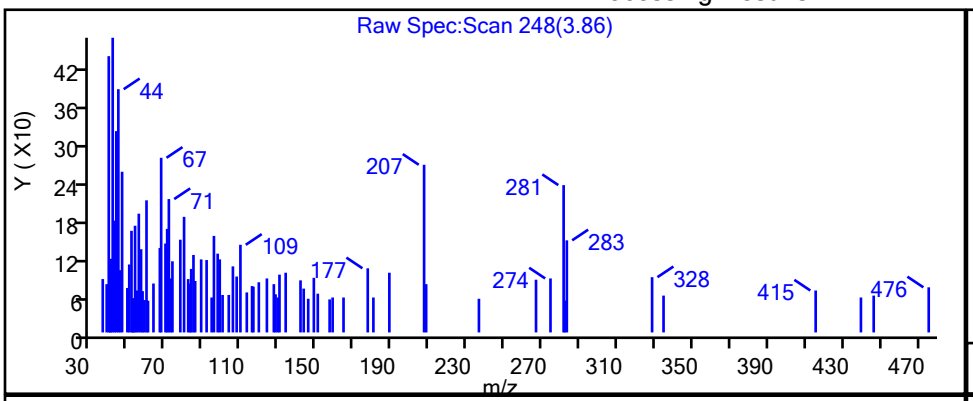
User Disabled Compound Report

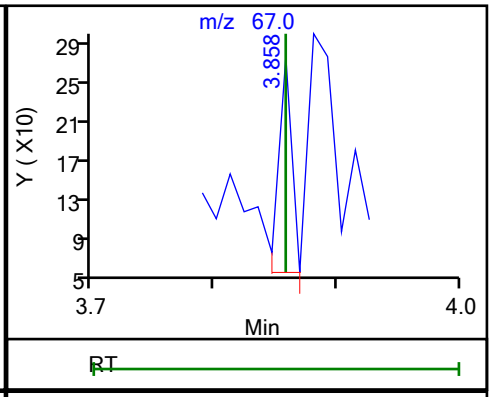
Eurofins TestAmerica, Edison

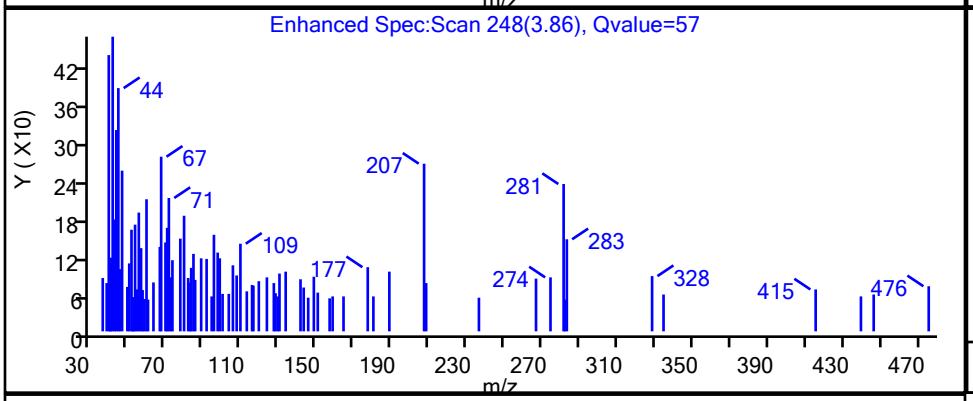
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

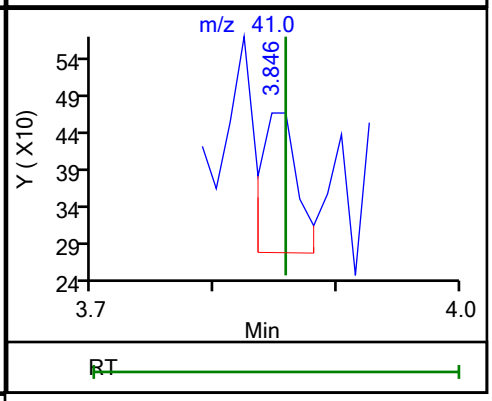
## 54 Methacrylonitrile, CAS: 126-98-7

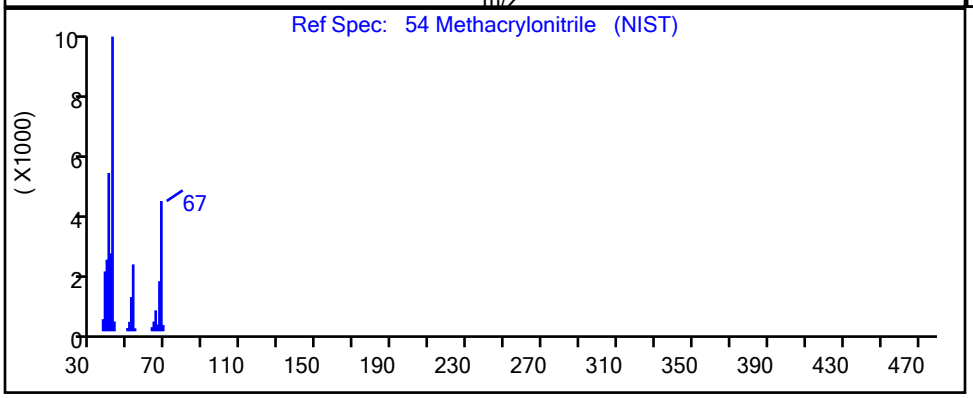
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.86 | 67.00 | 163 | 0.064679 |
| 3.85 | 41.00 | 404 | |

Reviewer: martineze, 20-Sep-2021 15:15:36

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

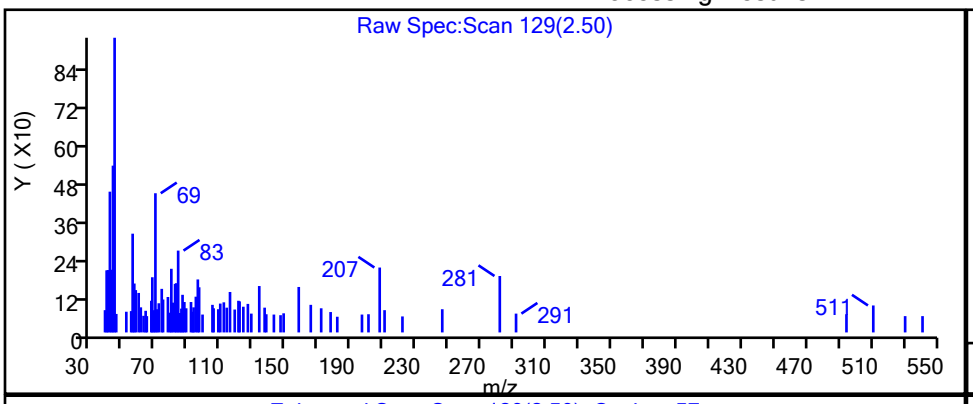
User Disabled Compound Report

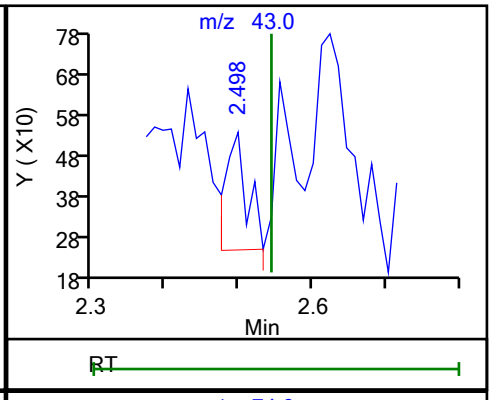
Eurofins TestAmerica, Edison

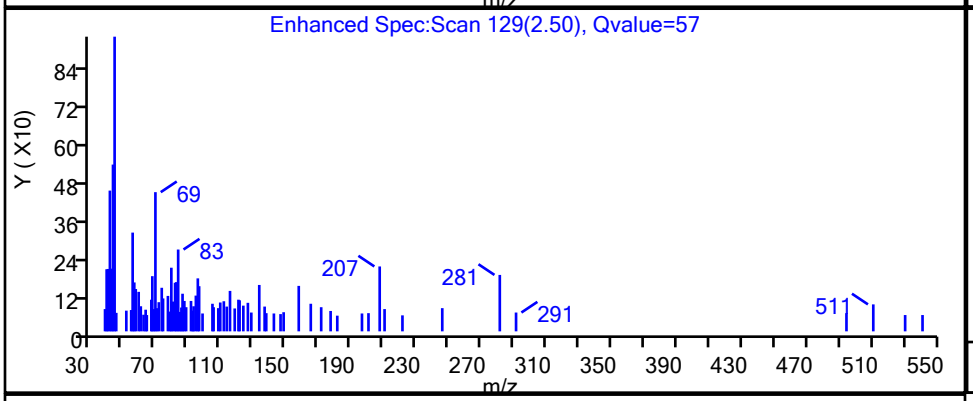
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

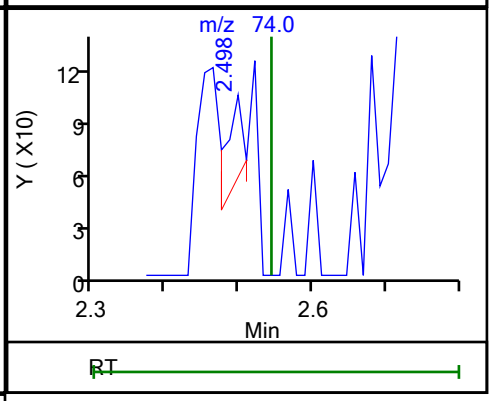
## 30 Methyl acetate, CAS: 79-20-9

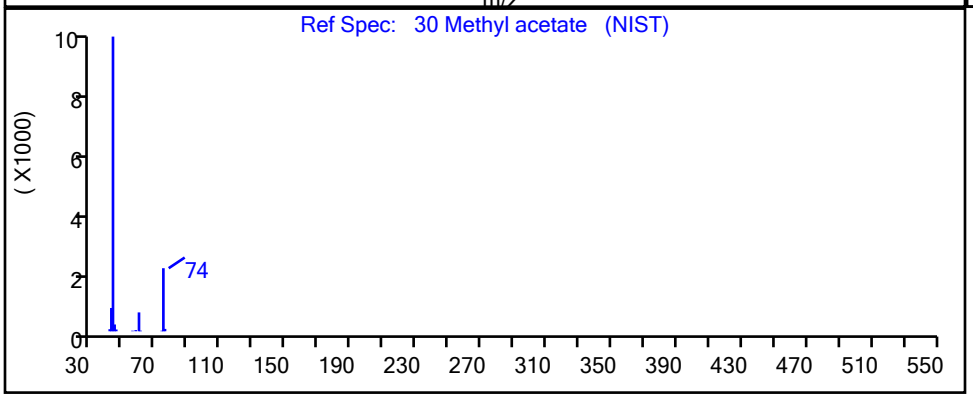
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.50 | 43.00 | 605 | 0.160411 |
| 2.50 | 74.00 | 78 | |

Reviewer: martineze, 20-Sep-2021 15:13:49

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

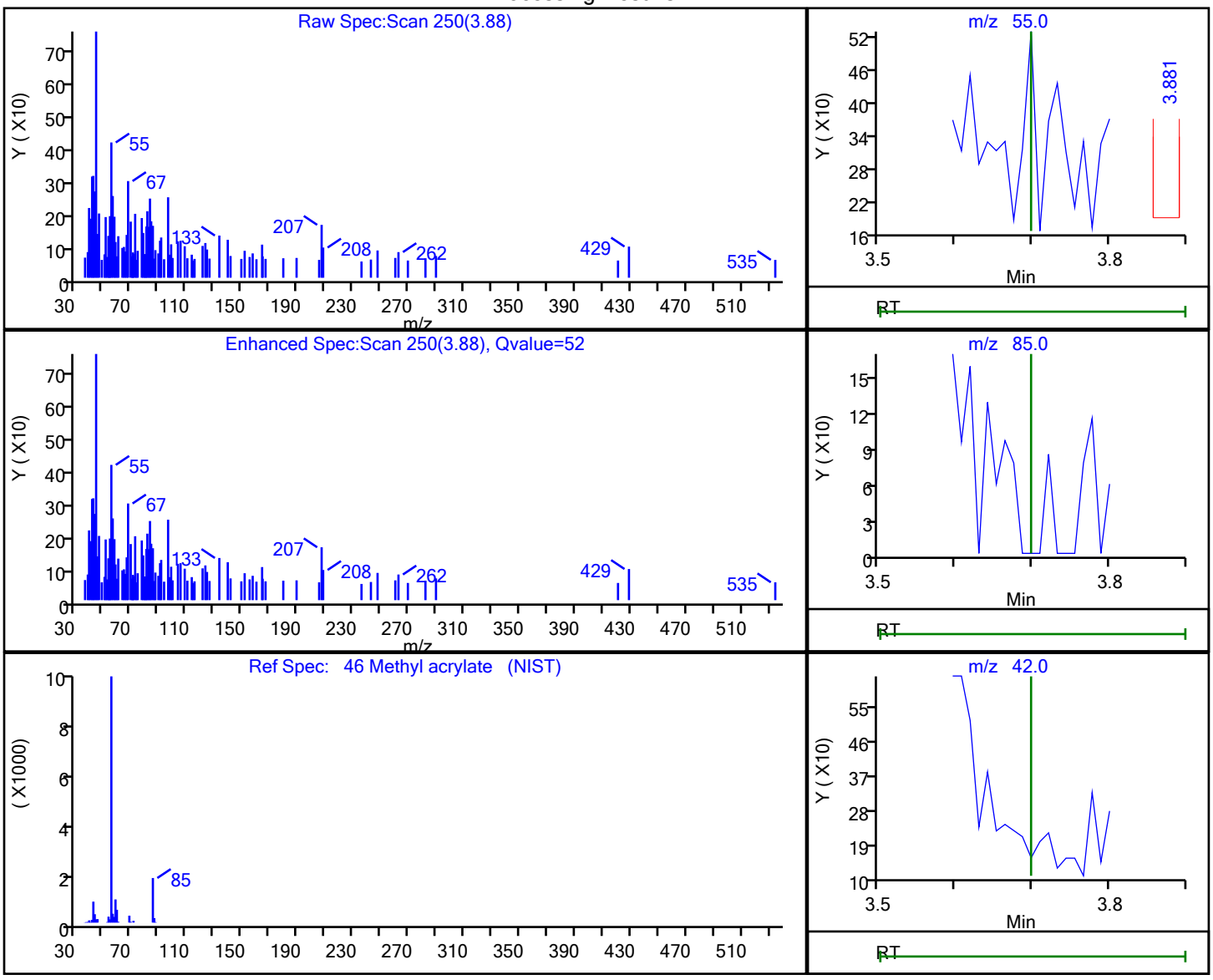
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 46 Methyl acrylate, CAS: 96-33-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.88 | 55.00 | 303 | 0.069353 |
| 3.89 | 85.00 | 934 | |
| 3.88 | 42.00 | 229 | |

Reviewer: martineze, 20-Sep-2021 15:15:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

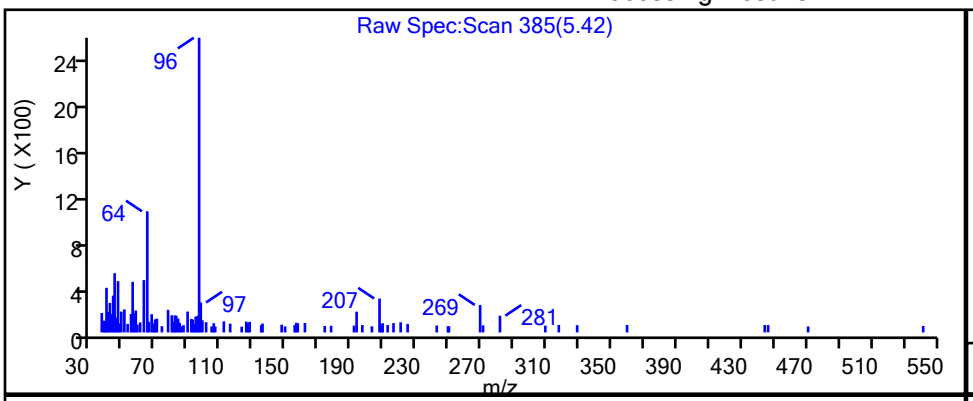
User Disabled Compound Report

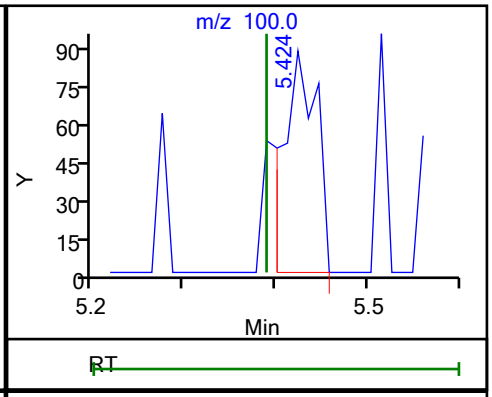
Eurofins TestAmerica, Edison

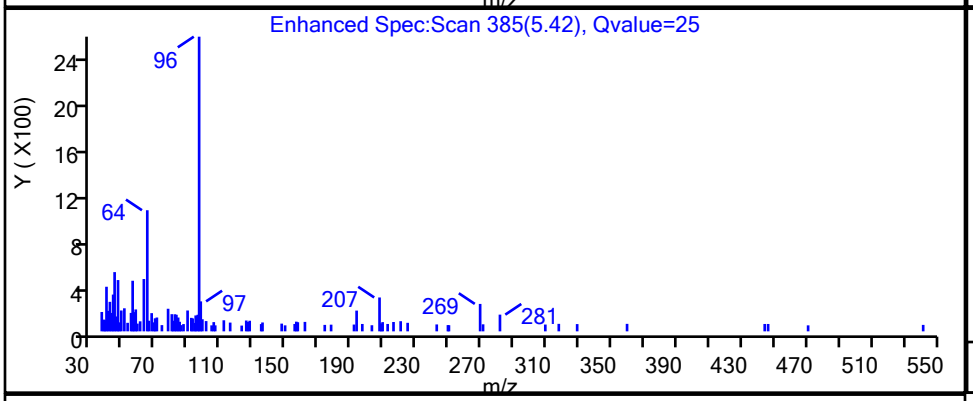
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

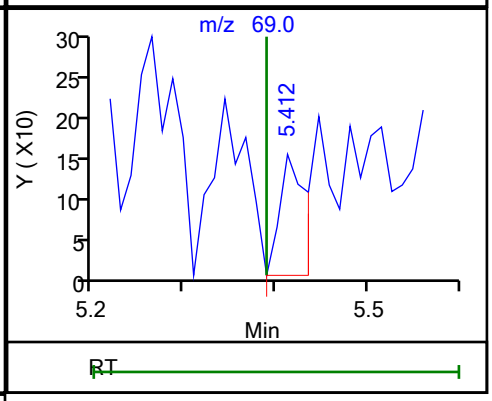
## 74 Methyl methacrylate, CAS: 80-62-6

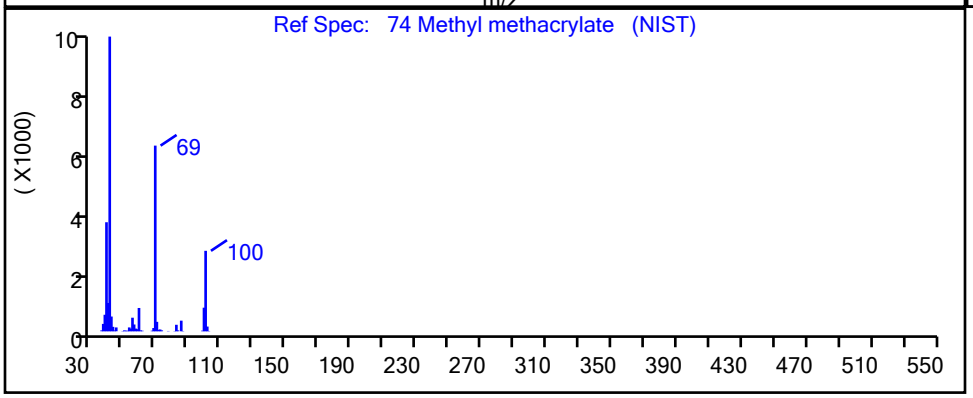
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.42 | 100.00 | 226 | 0.144916 |
| 5.41 | 69.00 | 292 | |

Reviewer: martineze, 20-Sep-2021 15:16:17
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

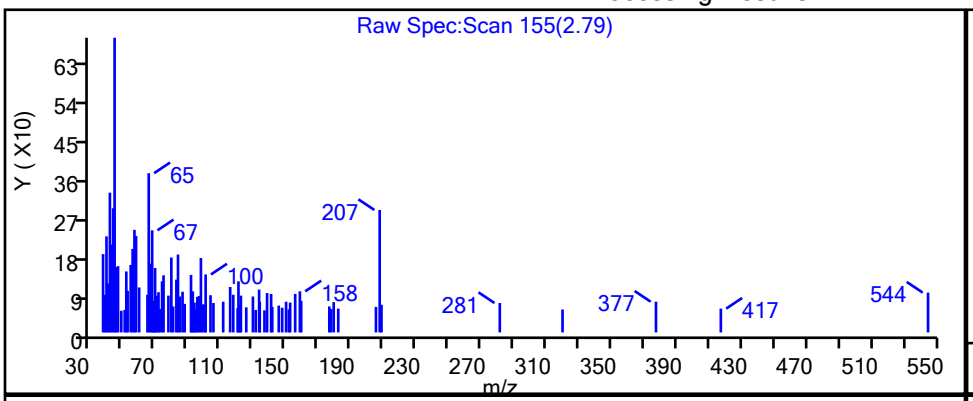
User Disabled Compound Report

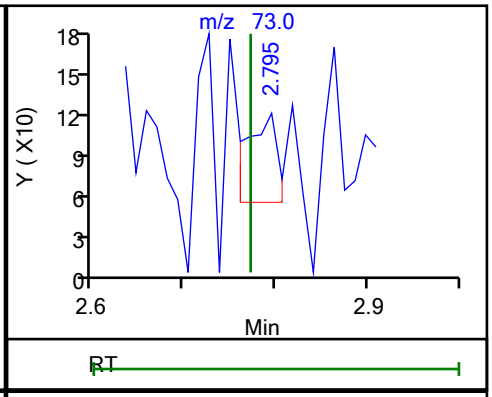
Eurofins TestAmerica, Edison

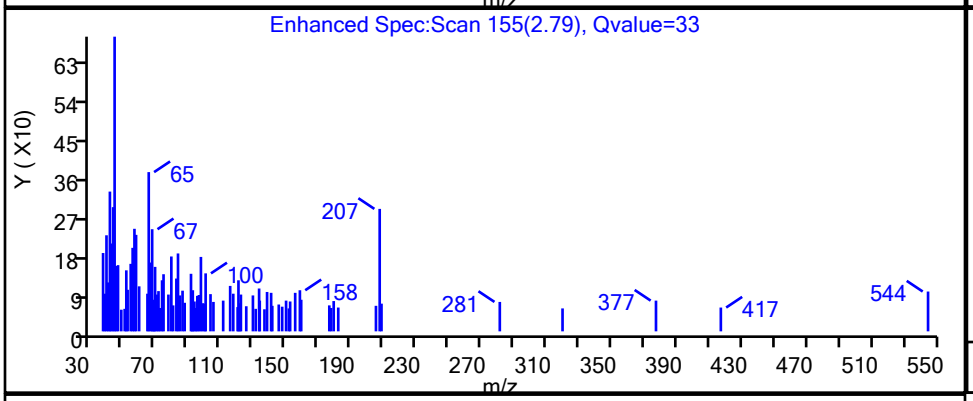
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

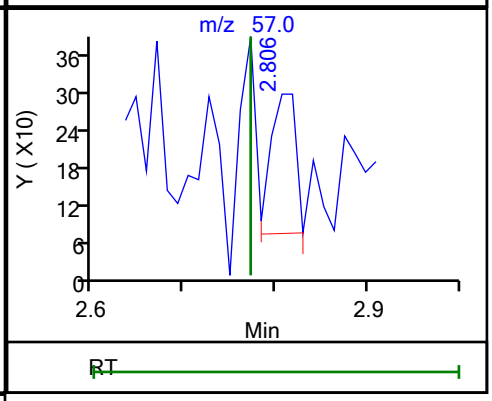
## 32 Methyl tert-butyl ether, CAS: 1634-04-4

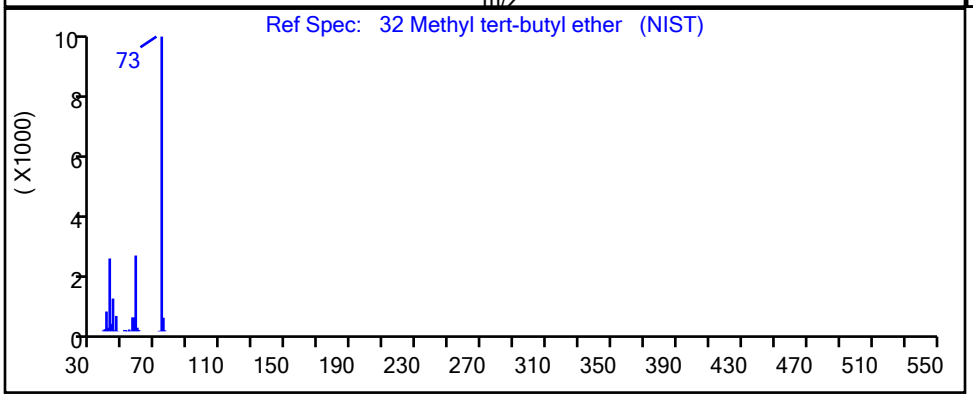
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.79 | 73.00 | 156 | 0.010747 |
| 2.81 | 57.00 | 427 | |

Reviewer: martineze, 20-Sep-2021 15:14:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

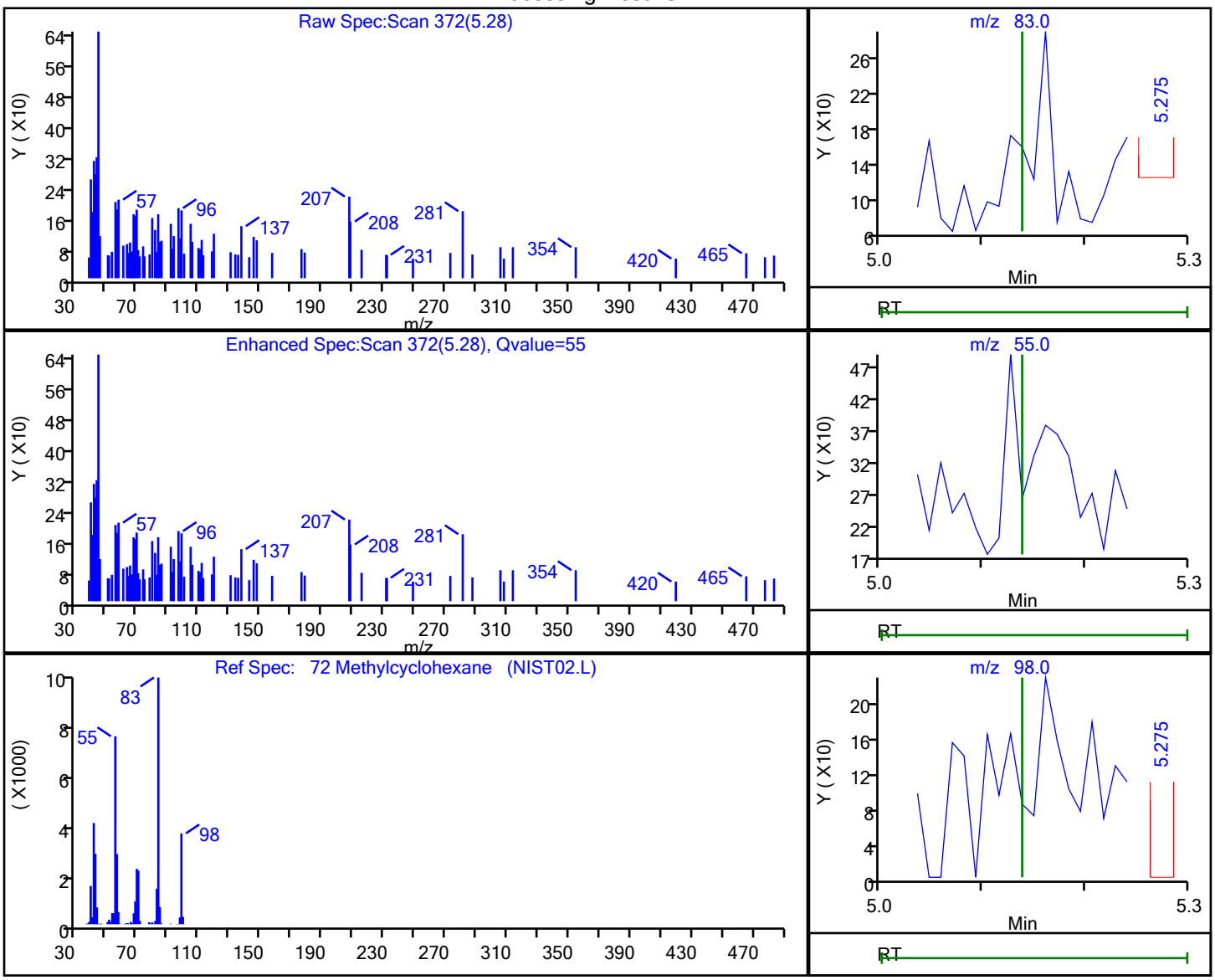
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 72 Methylcyclohexane, CAS: 108-87-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.28 | 83.00 | 281 | 0.032318 |
| 5.29 | 55.00 | 251 | |
| 5.28 | 98.00 | 161 | |

Reviewer: martineze, 20-Sep-2021 15:16:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

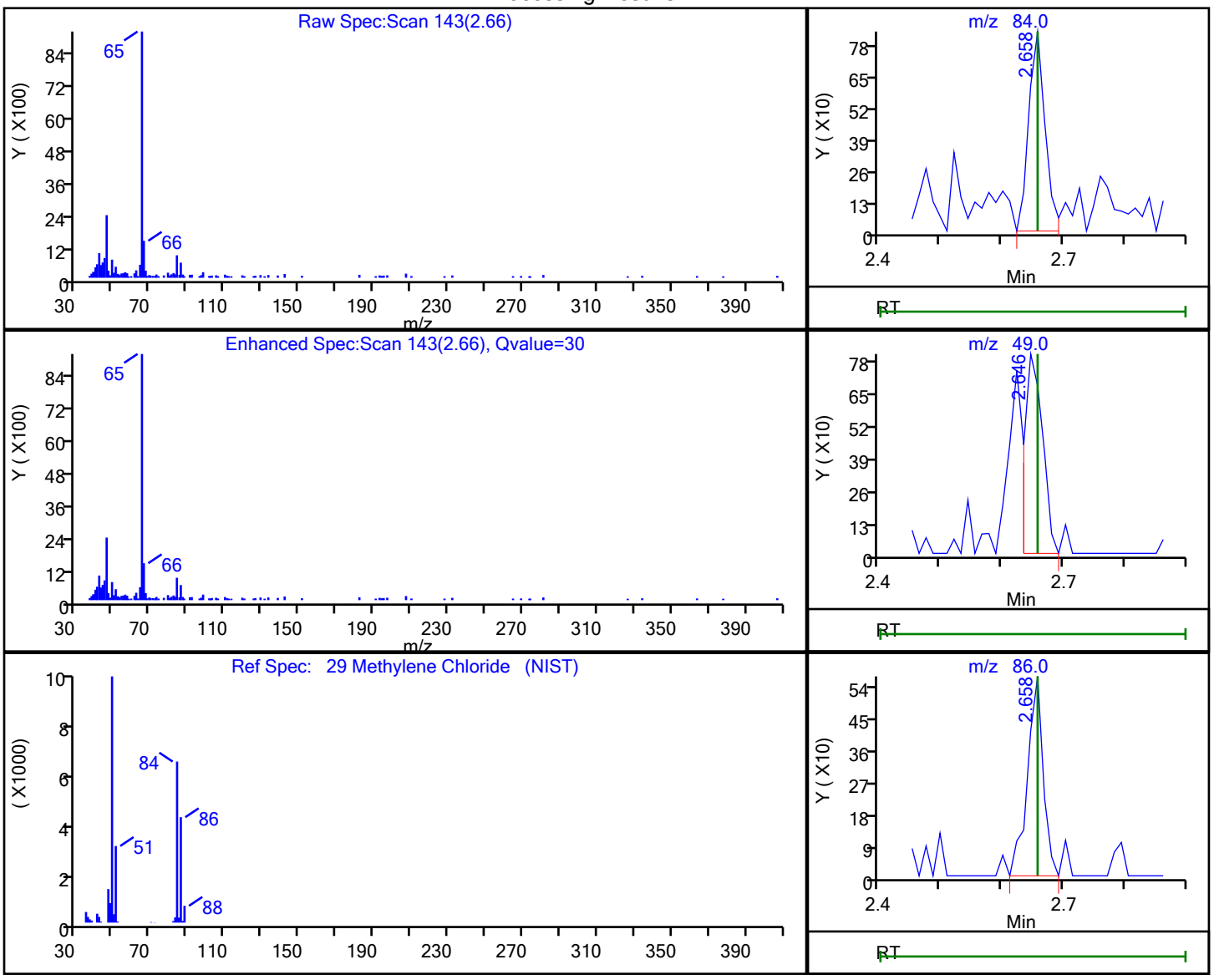
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 29 Methylene Chloride, CAS: 75-09-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.66 | 84.00 | 1553 | 0.302784 |
| 2.65 | 49.00 | 1643 | |
| 2.66 | 86.00 | 1007 | |

Reviewer: martineze, 20-Sep-2021 15:08:06

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

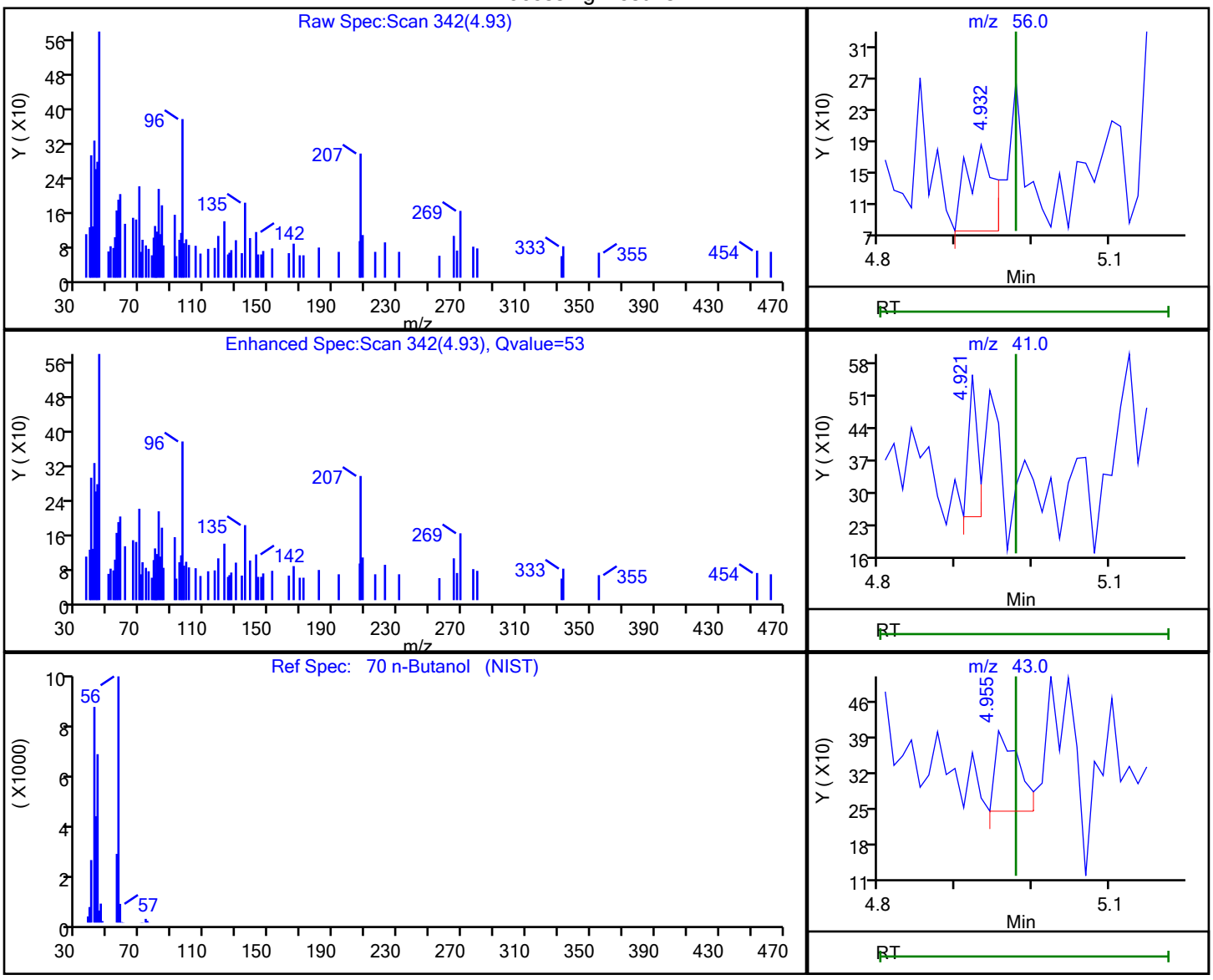
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 70 n-Butanol, CAS: 71-36-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.93 | 56.00 | 259 | 3.218162 |
| 4.92 | 41.00 | 258 | |
| 4.96 | 43.00 | 337 | |

Reviewer: martineze, 20-Sep-2021 15:08:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

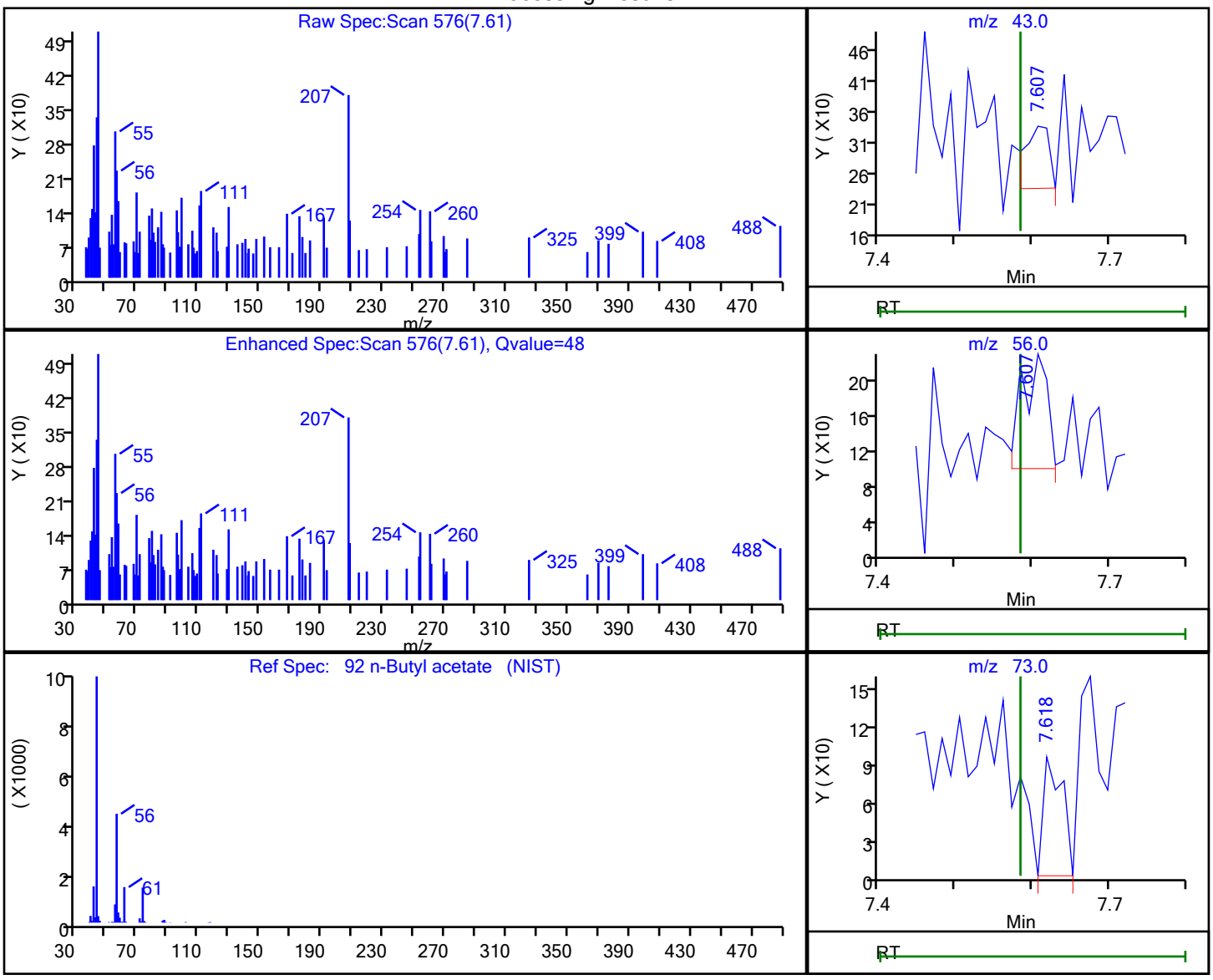
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 92 n-Butyl acetate, CAS: 123-86-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.61 | 43.00 | 223 | 0.032493 |
| 7.61 | 56.00 | 290 | |
| 7.62 | 73.00 | 156 | |

Reviewer: martineze, 20-Sep-2021 15:16:52

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

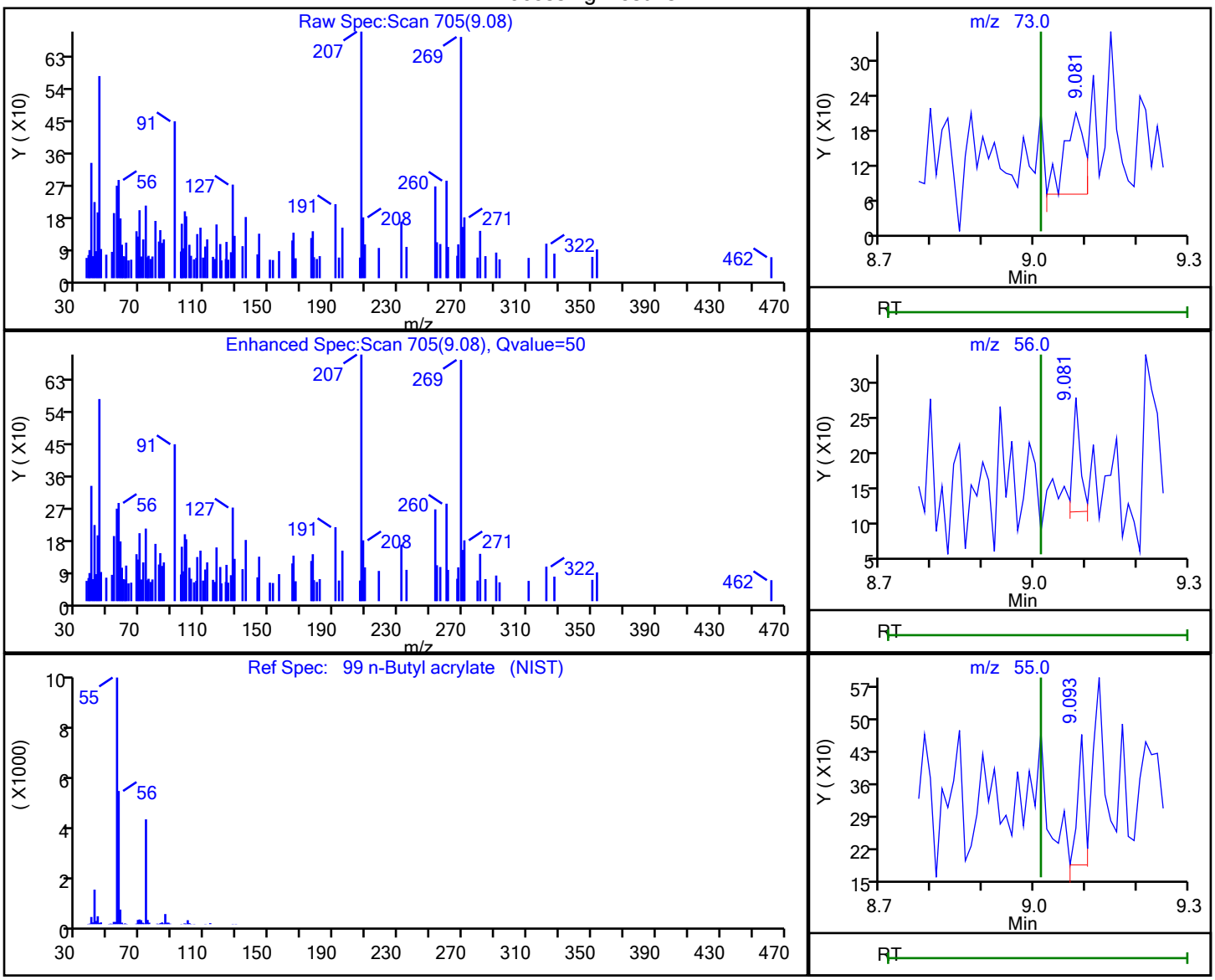
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.08 | 73.00 | 372 | 0.097010 |
| 9.08 | 56.00 | 167 | |
| 9.09 | 55.00 | 274 | |

Reviewer: martineze, 20-Sep-2021 15:17:25
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

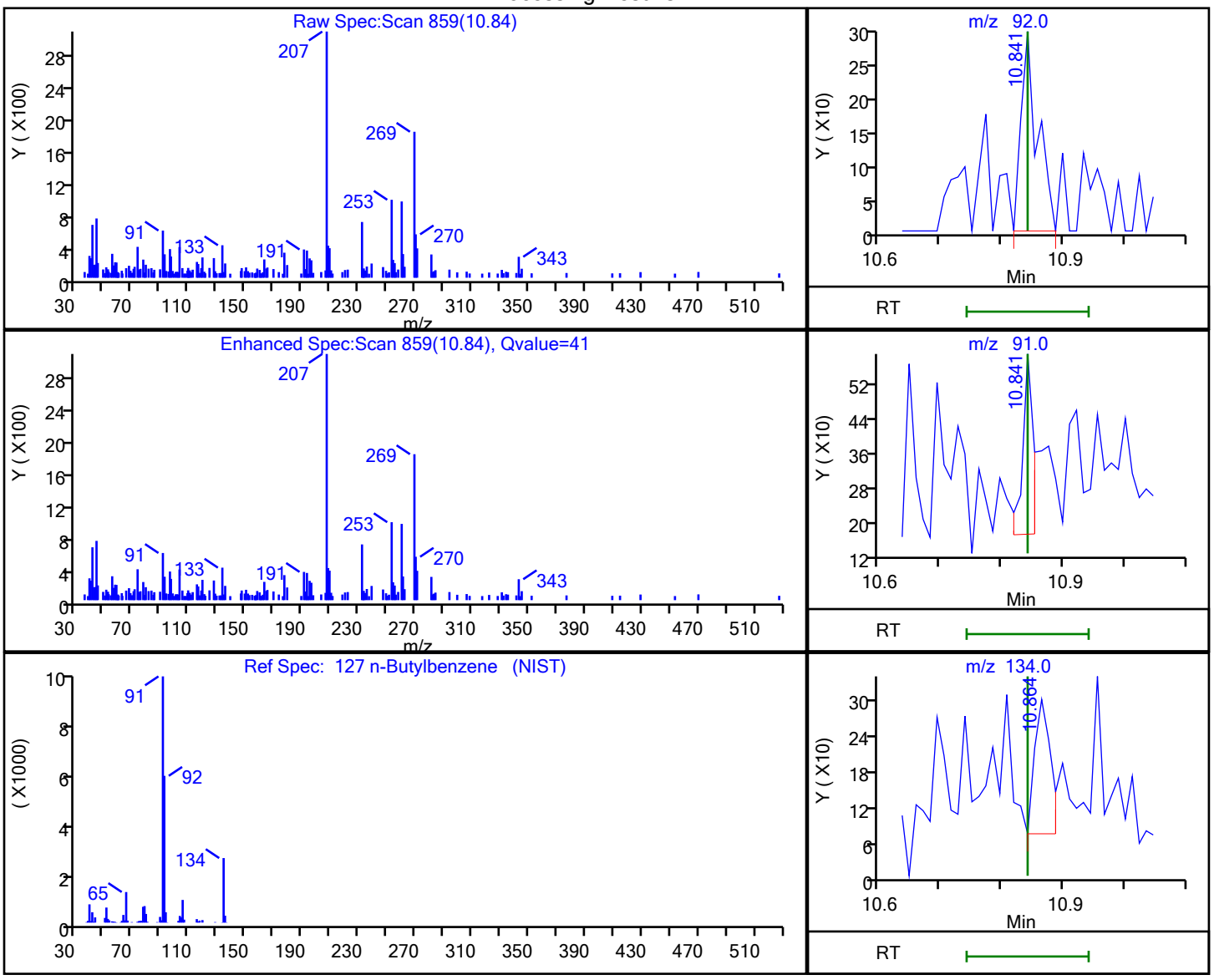
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.84 | 92.00 | 547 | 0.064088 |
| 10.84 | 91.00 | 513 | |
| 10.86 | 134.00 | 413 | |

Reviewer: martineze, 20-Sep-2021 15:18:46
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

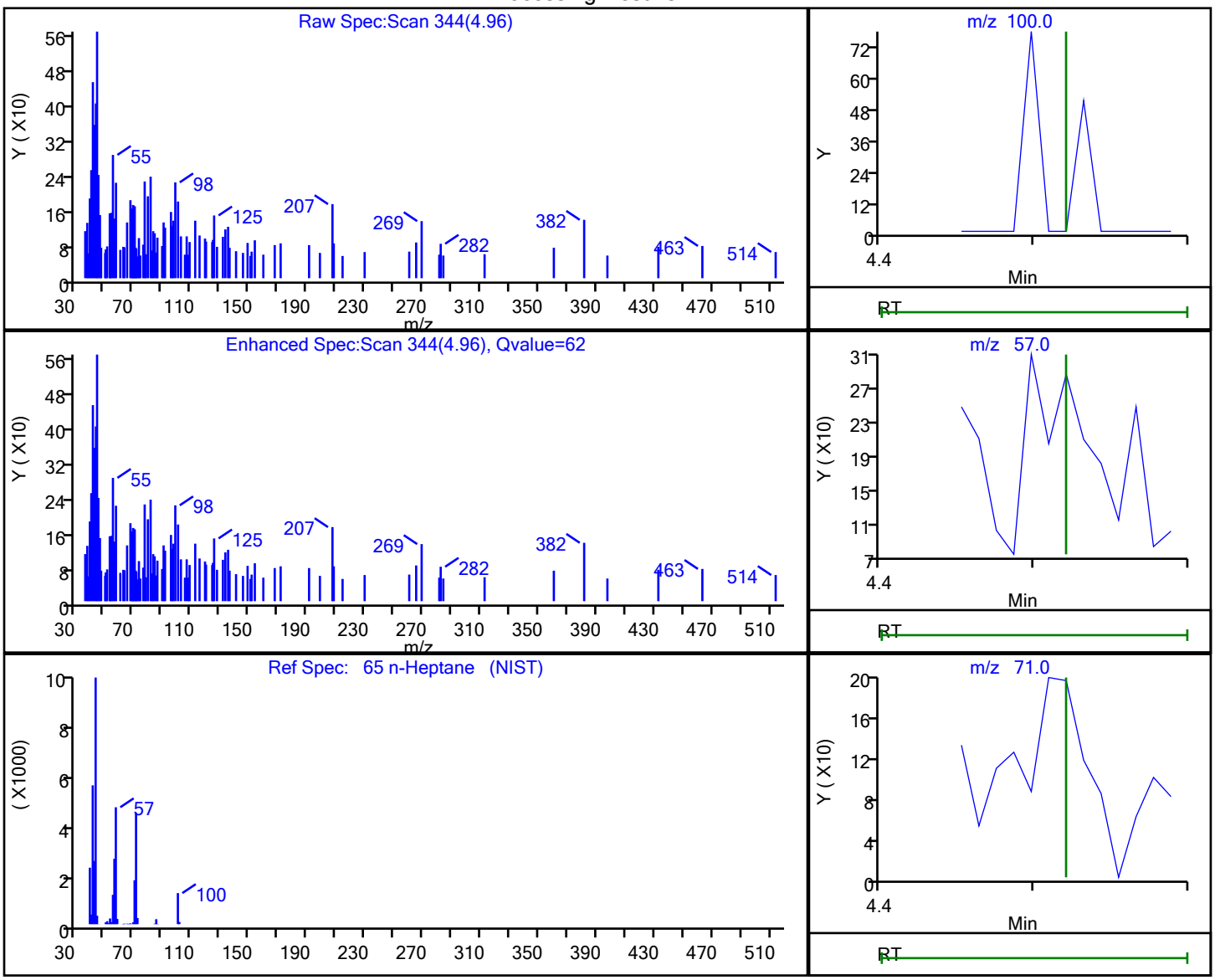
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.96 | 100.00 | 121 | 0.083645 |
| 4.97 | 57.00 | 411 | |
| 4.96 | 71.00 | 220 | |
| 4.96 | 43.00 | 434 | |

Reviewer: martineze, 20-Sep-2021 15:15:50
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

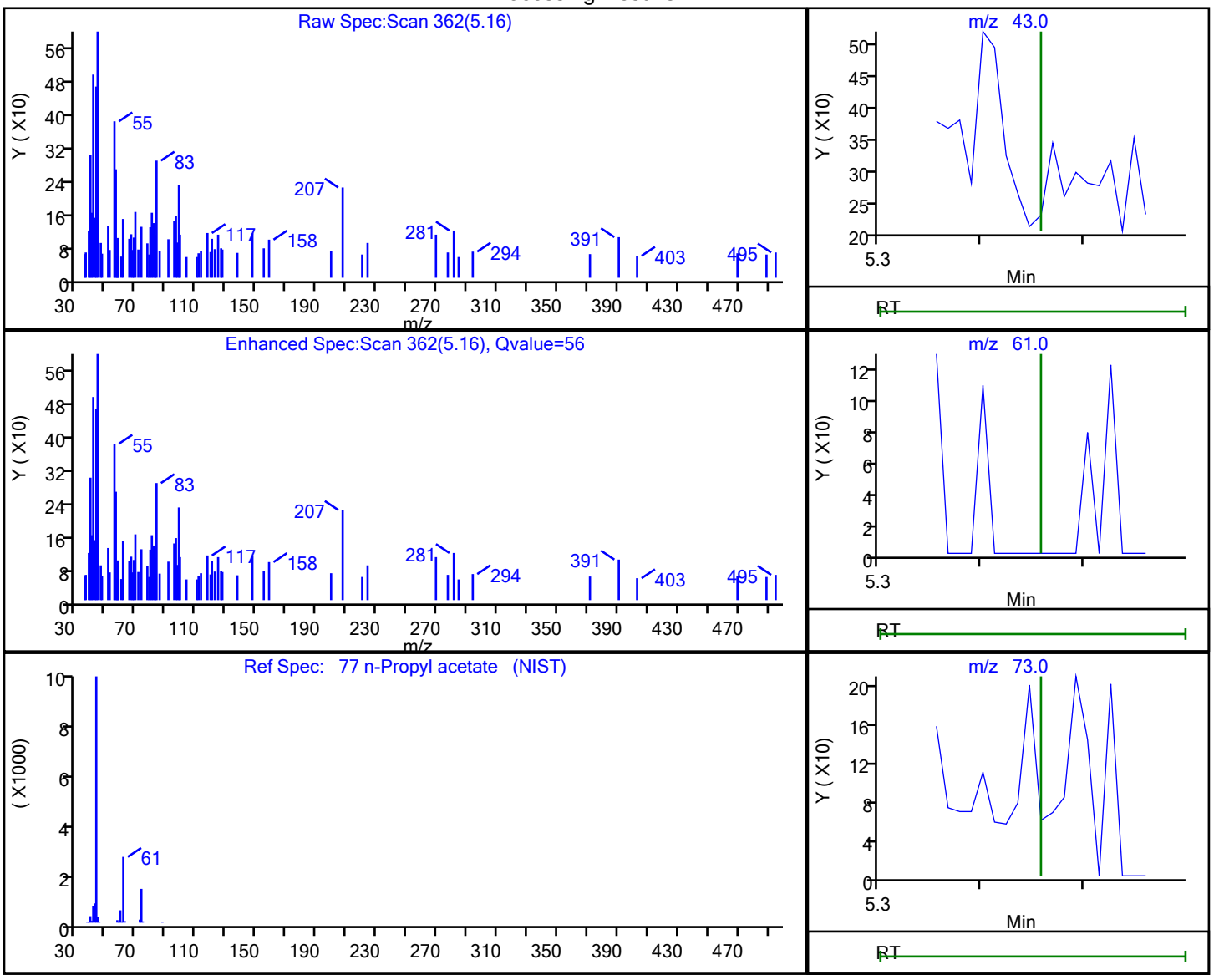
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 77 n-Propyl acetate, CAS: 109-60-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.16 | 43.00 | 292 | 0.042149 |
| 5.16 | 61.00 | 171 | |
| 5.16 | 73.00 | 120 | |

Reviewer: martineze, 20-Sep-2021 15:16:19
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

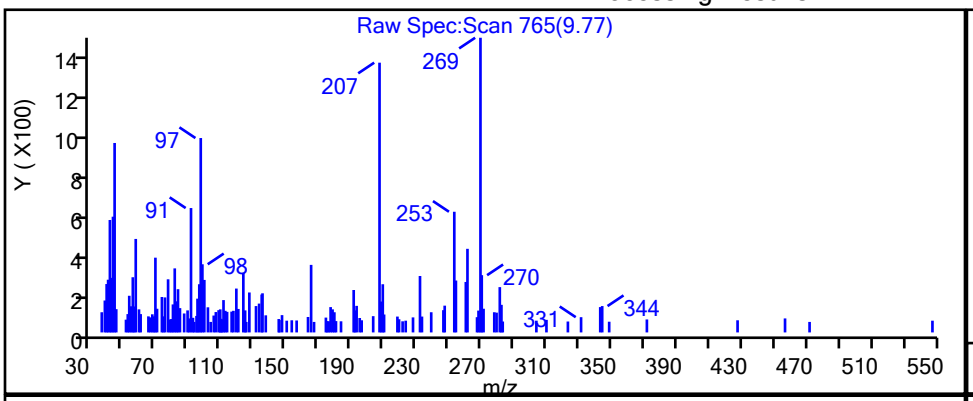
User Disabled Compound Report

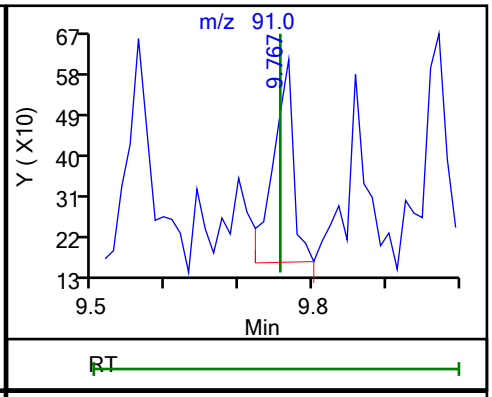
Eurofins TestAmerica, Edison

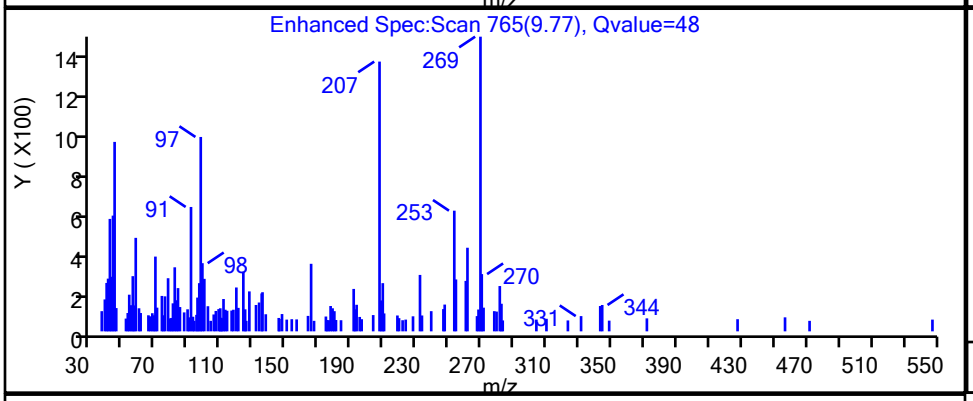
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

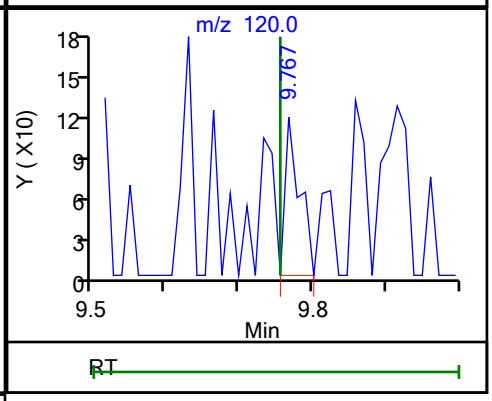
## 109 N-Propylbenzene, CAS: 103-65-1

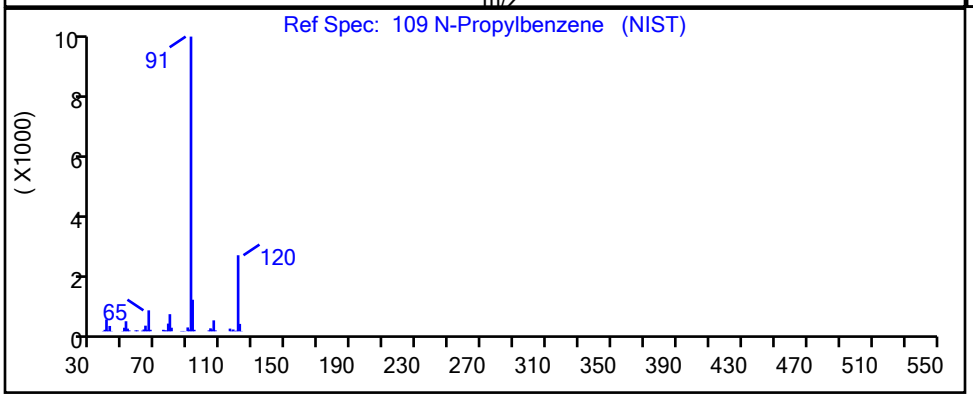
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.77 | 91.00 | 859 | 0.034506 |
| 9.77 | 120.00 | 158 | |

Reviewer: martineze, 20-Sep-2021 15:18:00
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

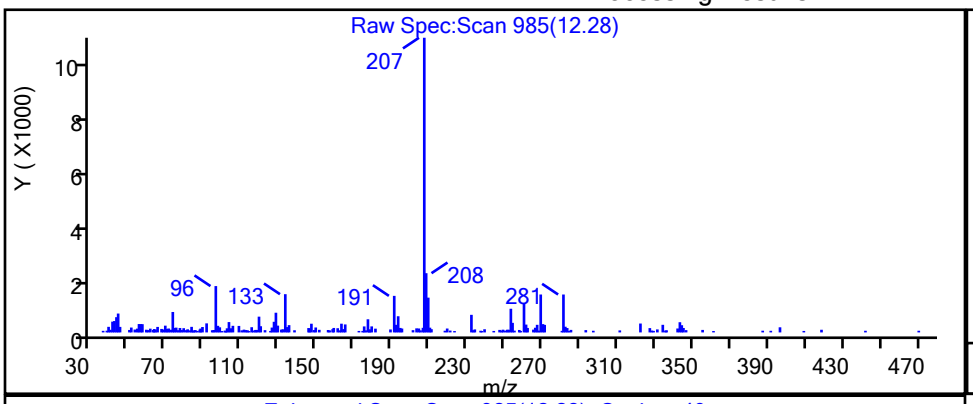
User Disabled Compound Report

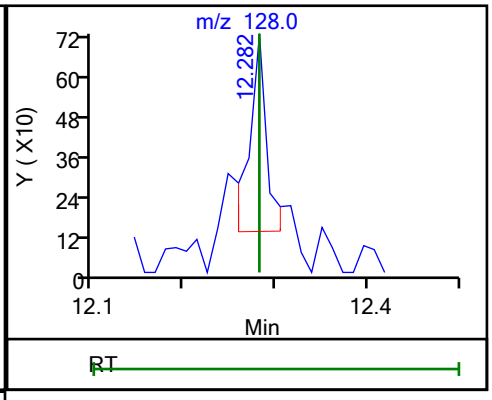
Eurofins TestAmerica, Edison

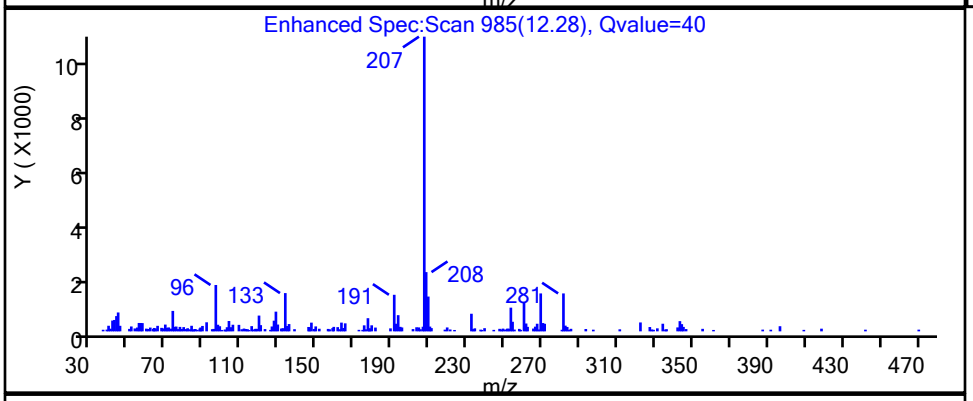
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

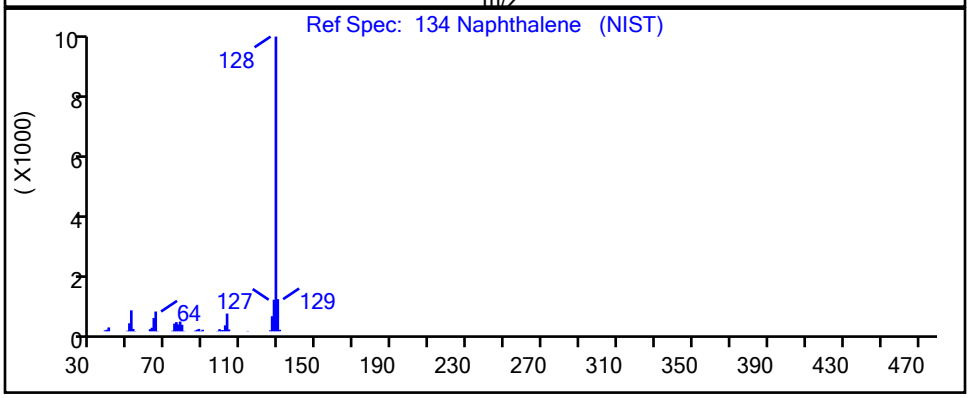
## 134 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.28 | 128.00 | 793 | 0.049308 |

Reviewer: martineze, 20-Sep-2021 15:18:52

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

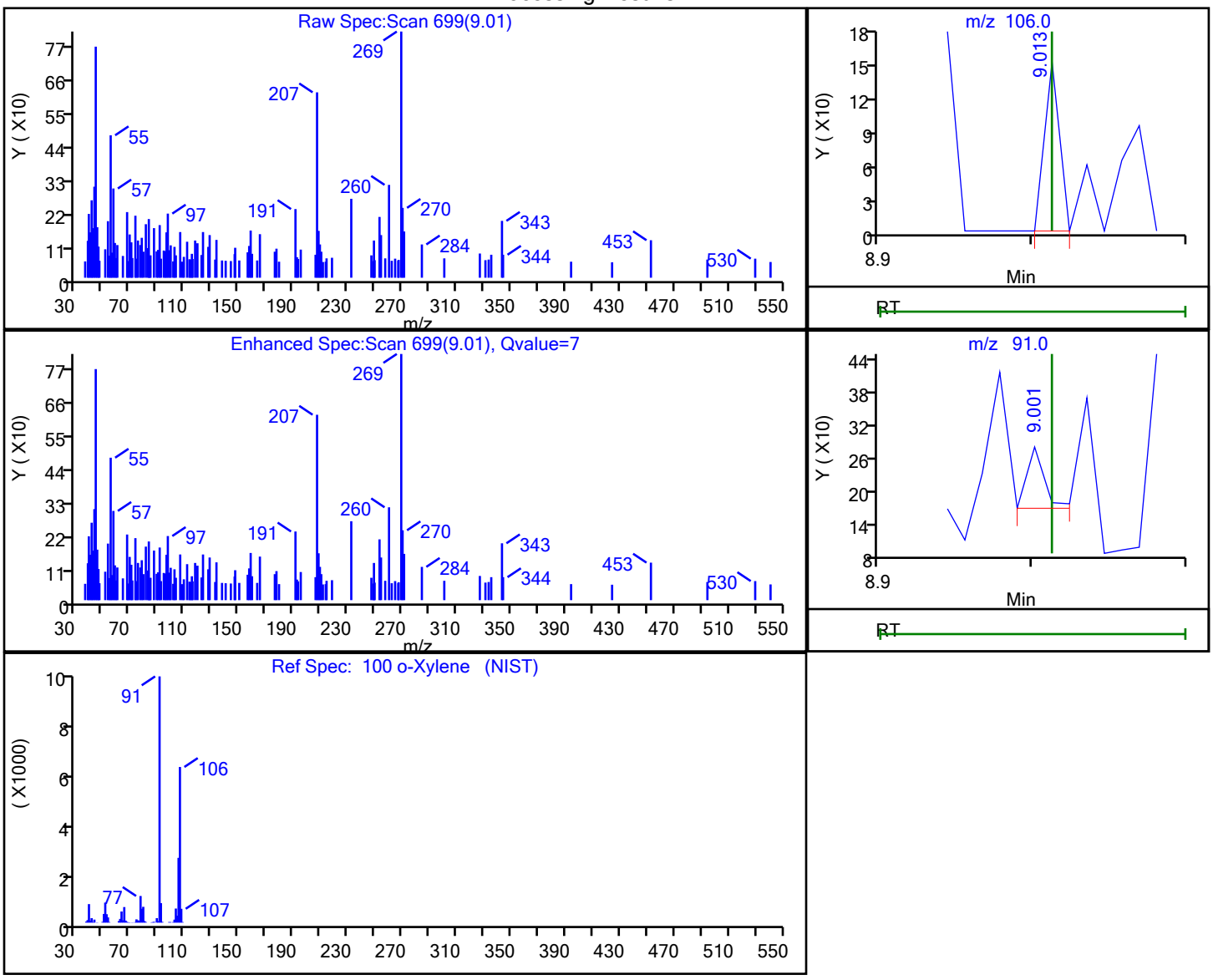
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 100 o-Xylene, CAS: 95-47-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.01 | 106.00 | 104 | 0.012036 |
| 9.00 | 91.00 | 88 | |

Reviewer: martineze, 20-Sep-2021 15:19:35

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

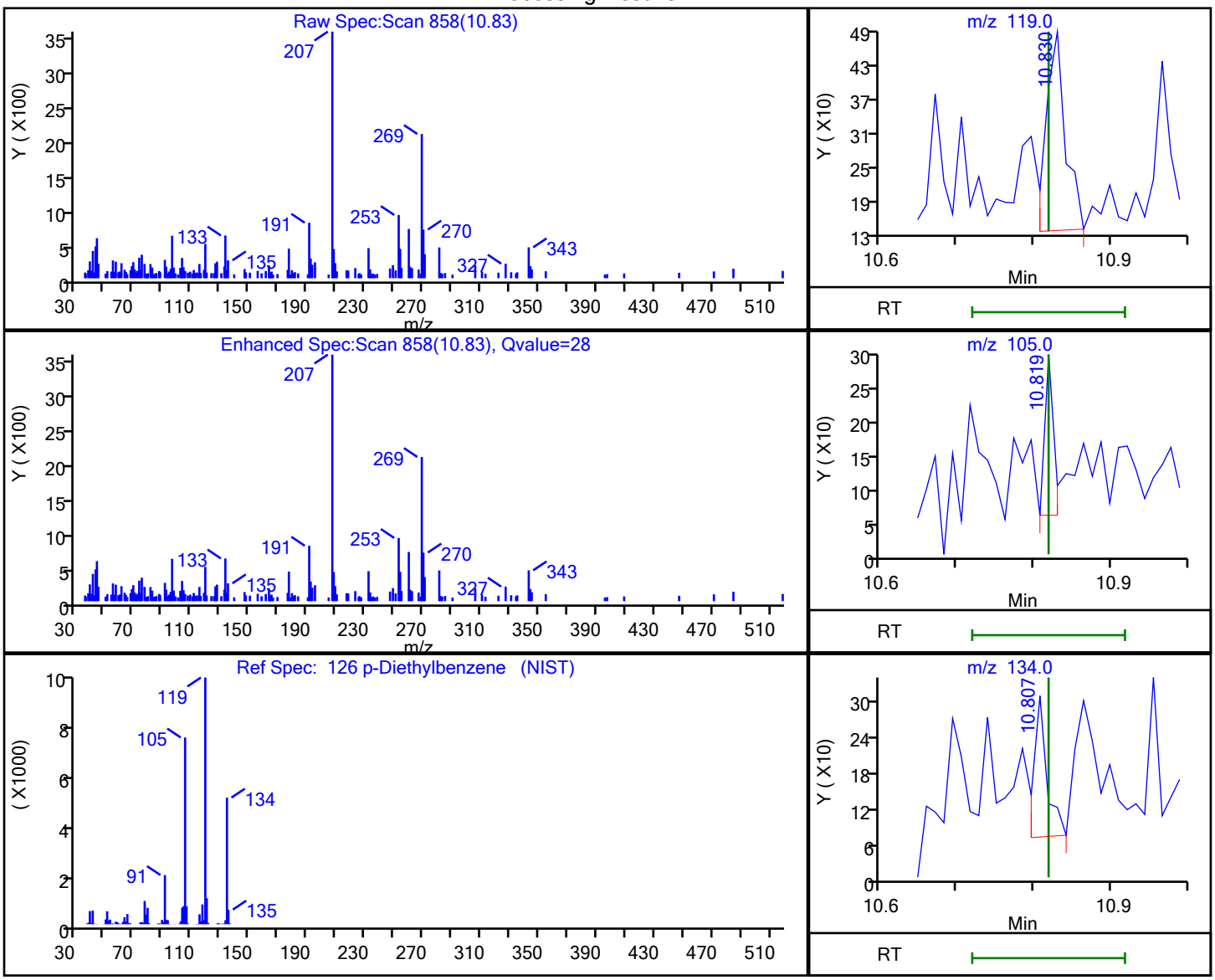
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.83 | 119.00 | 624 | 0.067222 |
| 10.82 | 105.00 | 194 | |
| 10.81 | 134.00 | 283 | |

Reviewer: martineze, 20-Sep-2021 15:18:42
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

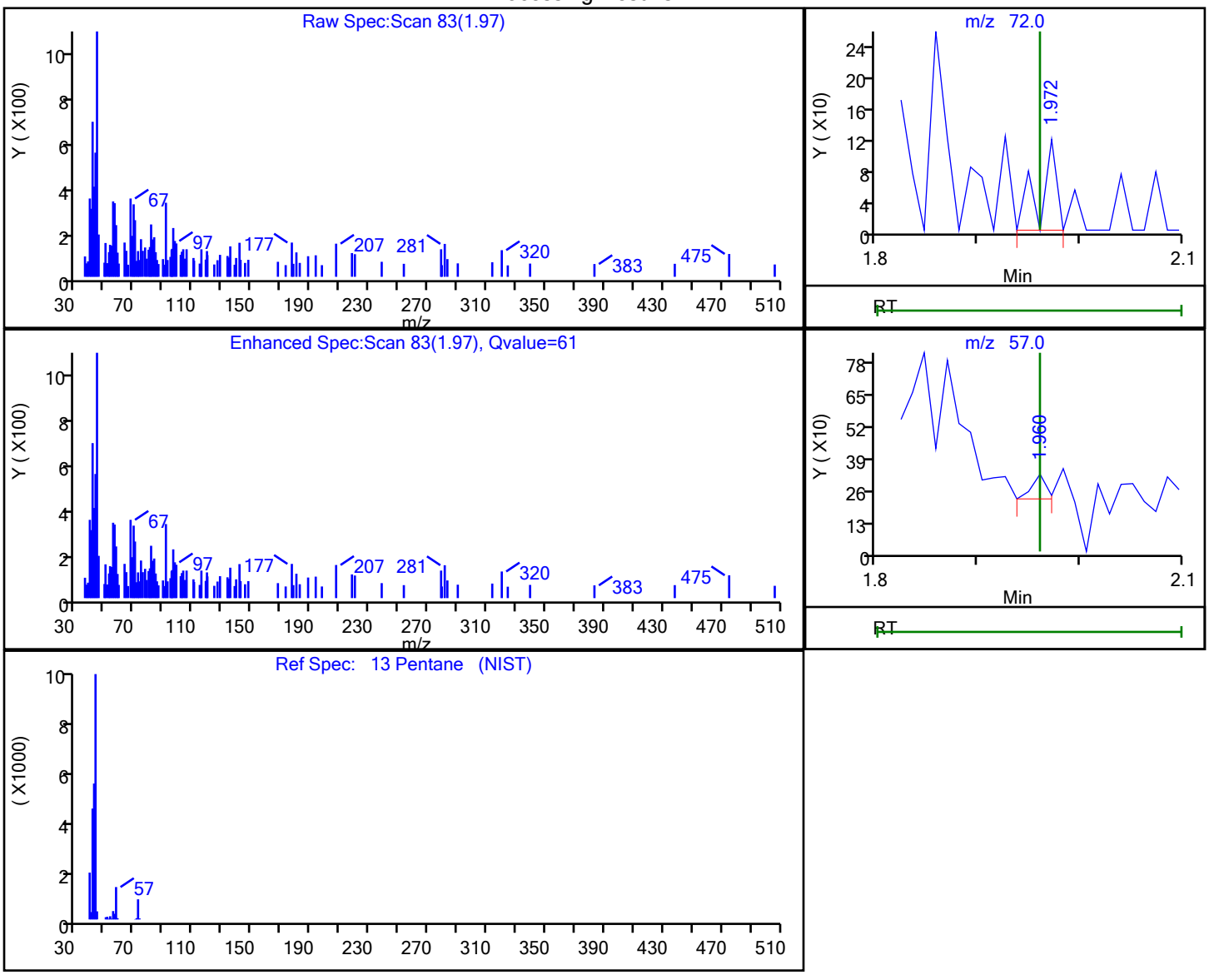
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 13 Pentane, CAS: 109-66-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.97 | 72.00 | 130 | 0.145232 |
| 1.96 | 57.00 | 100 | |

Reviewer: martineze, 20-Sep-2021 15:13:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

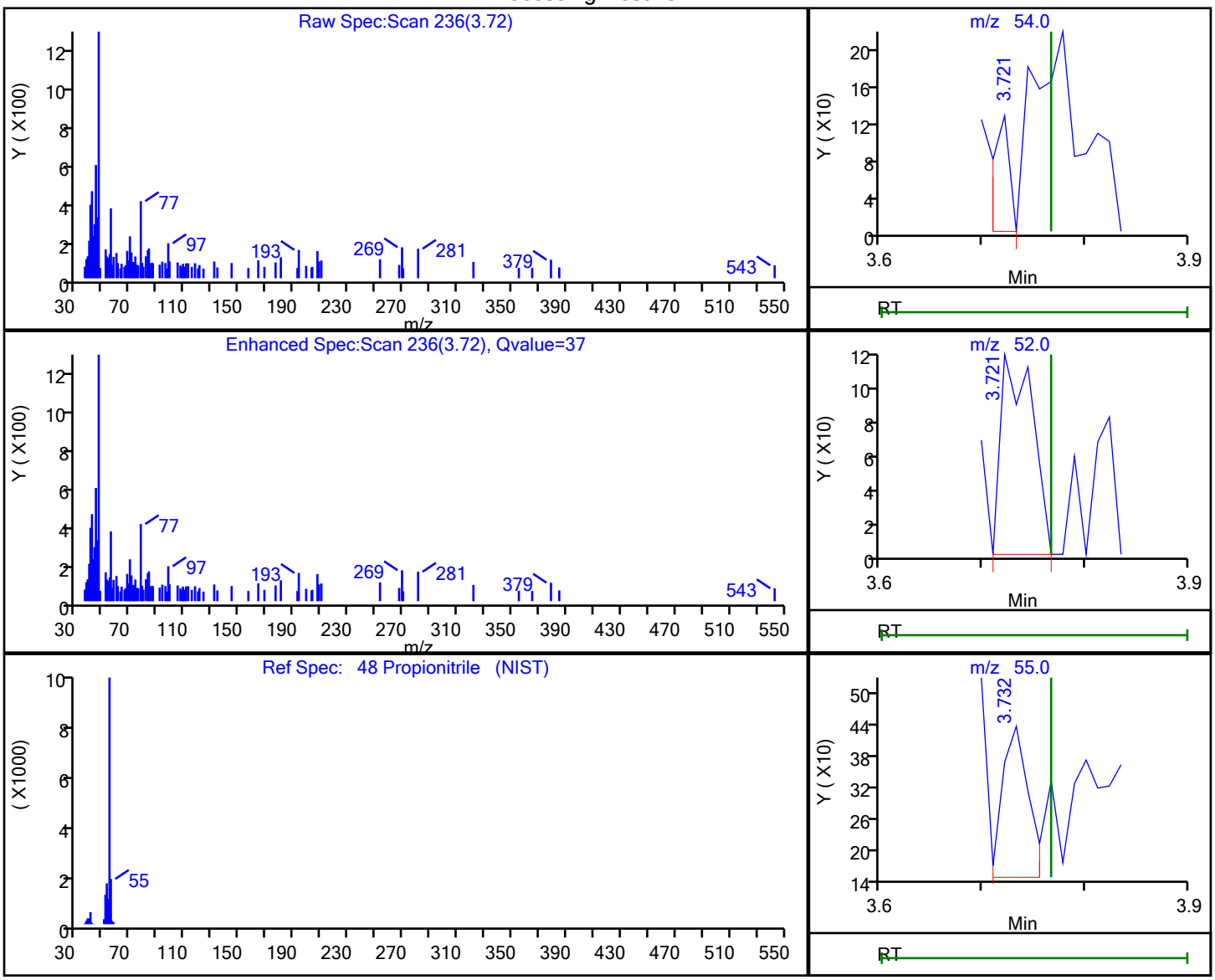
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 48 Propionitrile, CAS: 107-12-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.72 | 54.00 | 139 | 0.177445 |
| 3.72 | 52.00 | 241 | |
| 3.73 | 55.00 | 525 | |

Reviewer: martineze, 20-Sep-2021 15:15:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

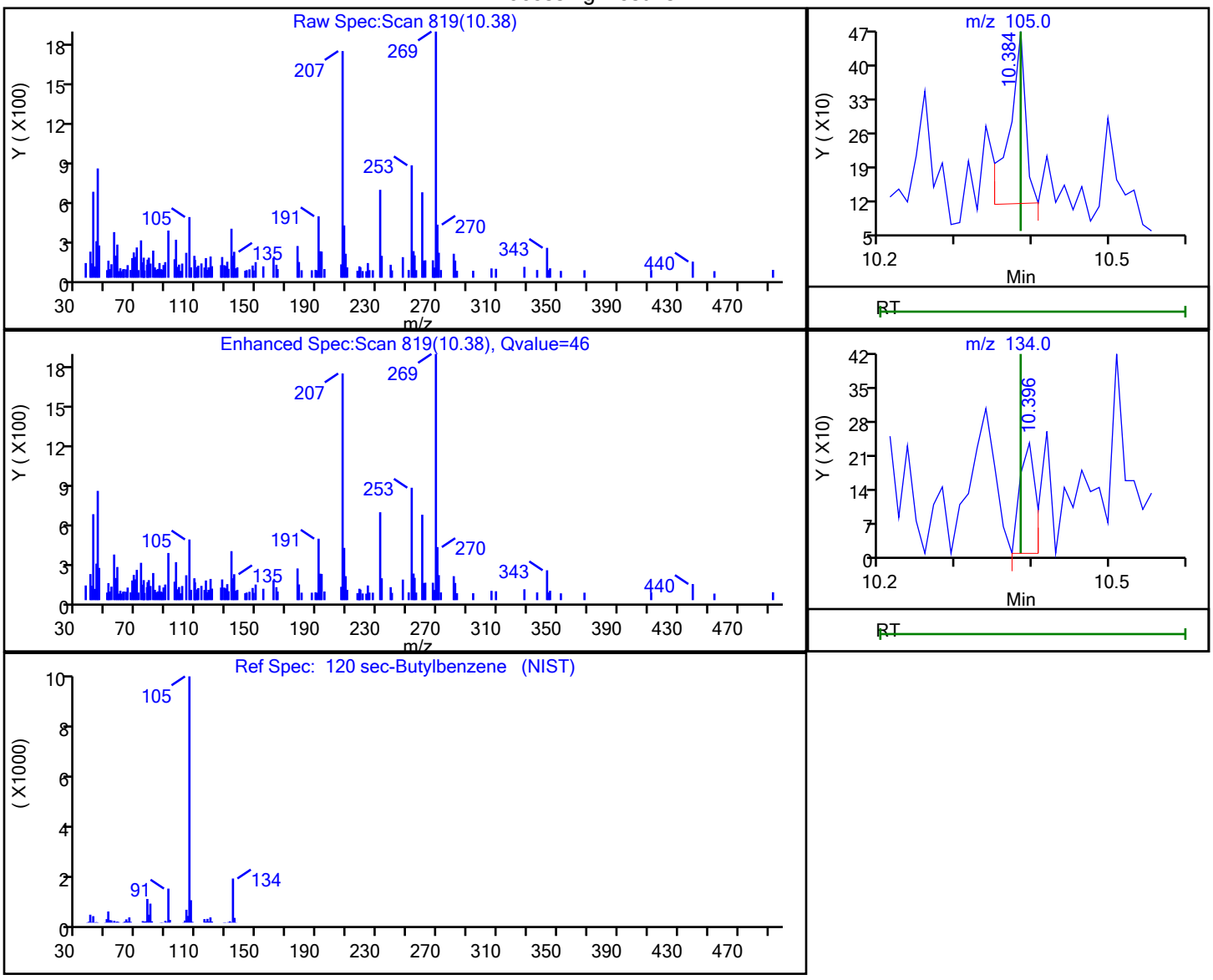
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 120 sec-Butylbenzene, CAS: 135-98-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.38 | 105.00 | 512 | 0.024649 |
| 10.40 | 134.00 | 335 | |

Reviewer: martineze, 20-Sep-2021 15:18:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

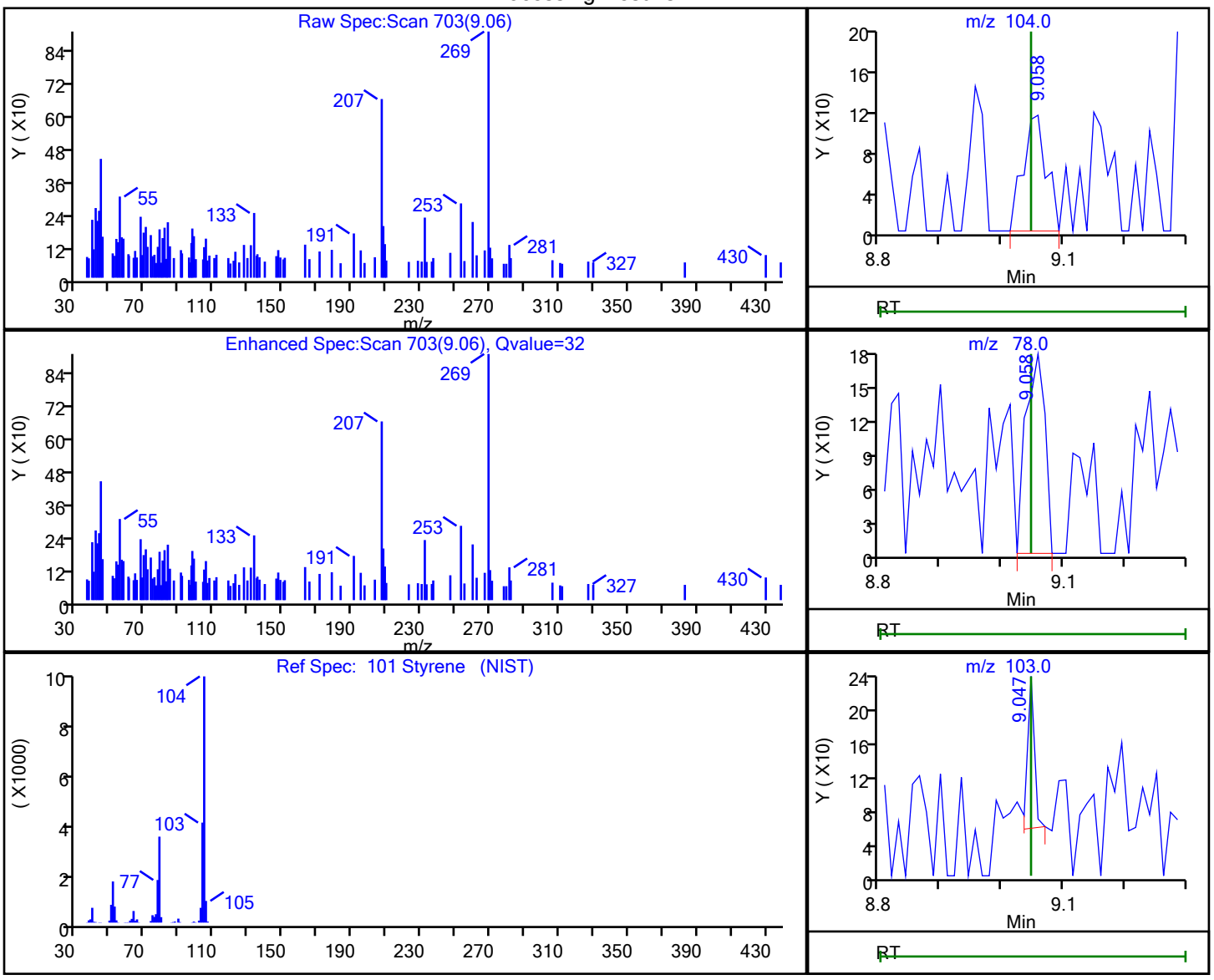
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 101 Styrene, CAS: 100-42-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.06 | 104.00 | 298 | 0.020663 |
| 9.06 | 78.00 | 385 | |
| 9.05 | 103.00 | 141 | |

Reviewer: martineze, 20-Sep-2021 15:17:34

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

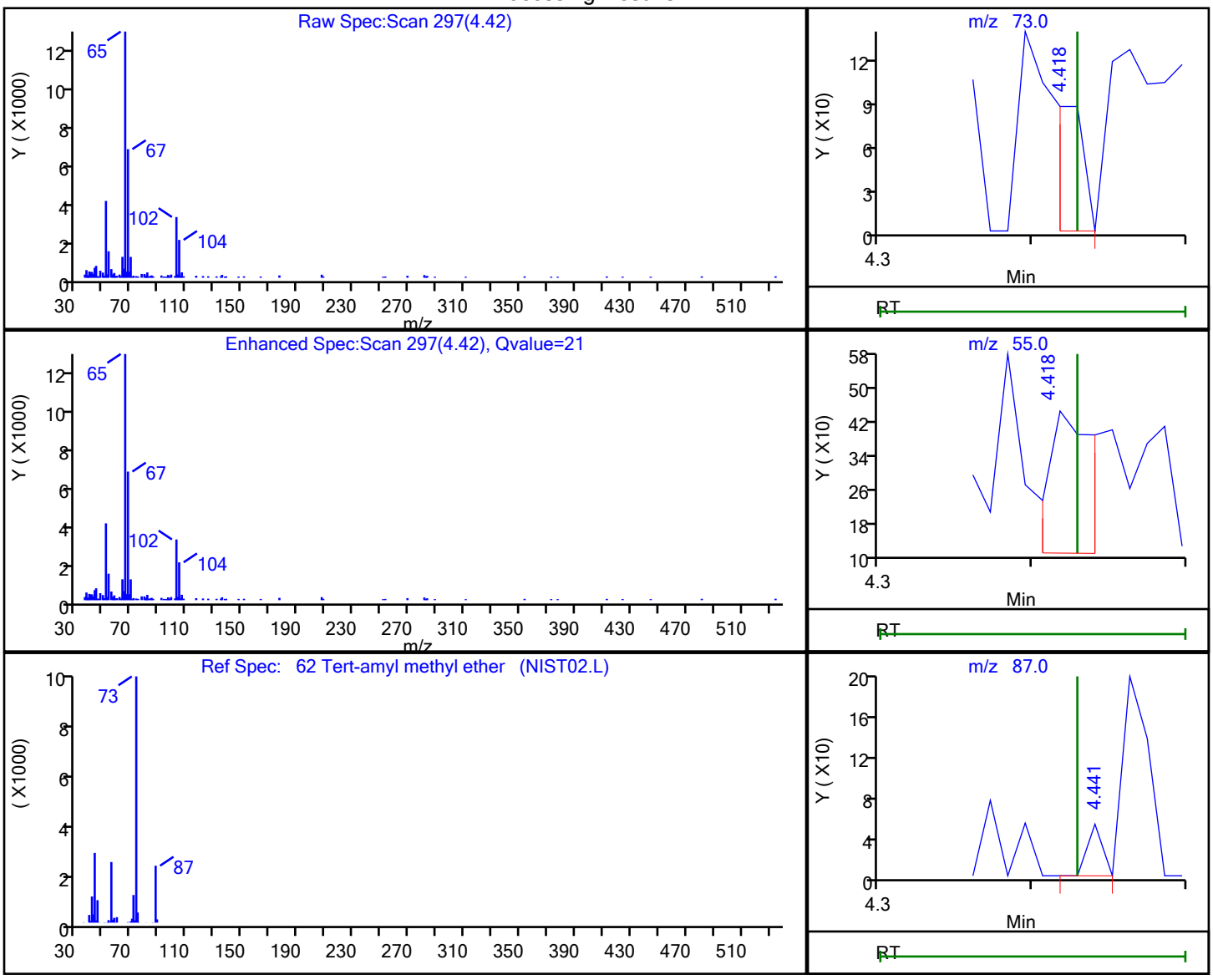
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 62 Tert-amyl methyl ether, CAS: 994-05-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.42 | 73.00 | 114 | 0.007785 |
| 4.42 | 55.00 | 695 | |
| 4.44 | 87.00 | 34 | |

Reviewer: martineze, 20-Sep-2021 15:15:48

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

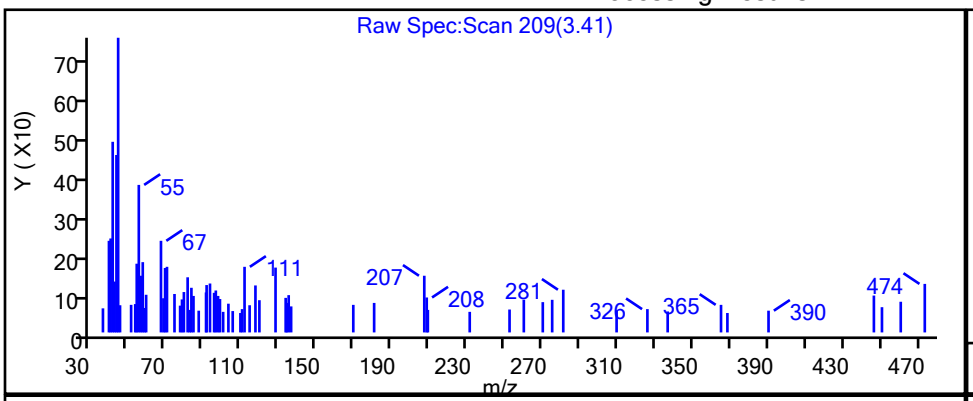
User Disabled Compound Report

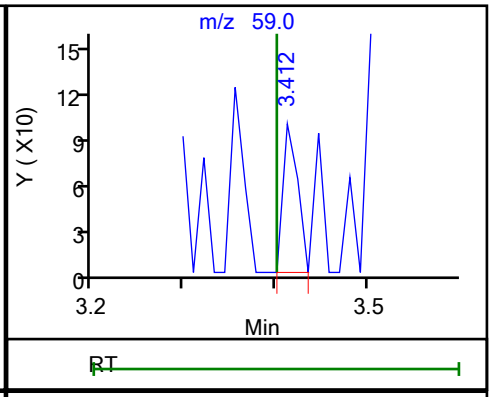
Eurofins TestAmerica, Edison

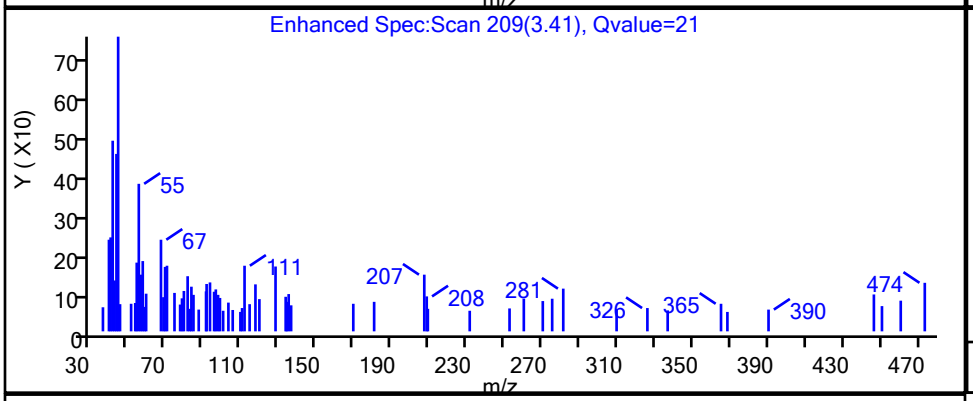
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

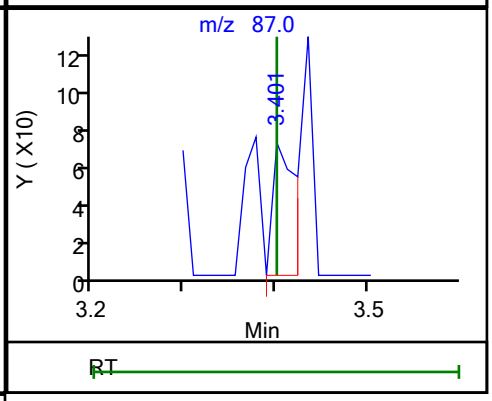
## 41 Tert-butyl ethyl ether, CAS: 637-92-3

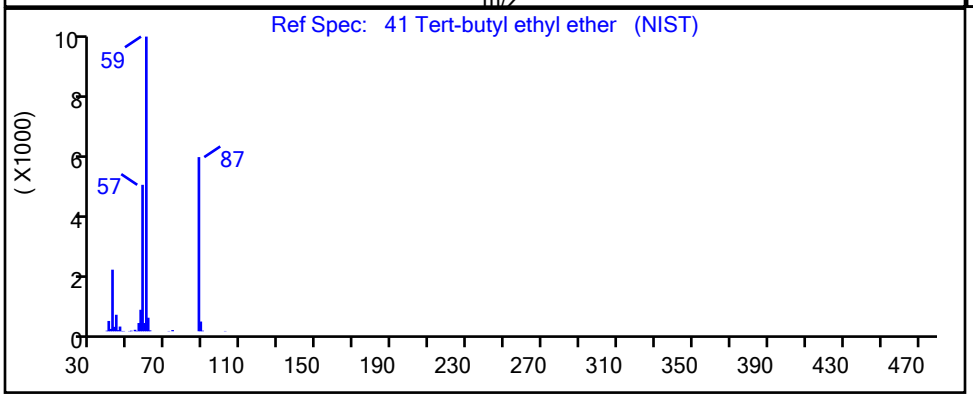
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.41 | 59.00 | 108 | 0.007625 |
| 3.40 | 87.00 | 122 | |

Reviewer: martineze, 20-Sep-2021 15:15:17

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

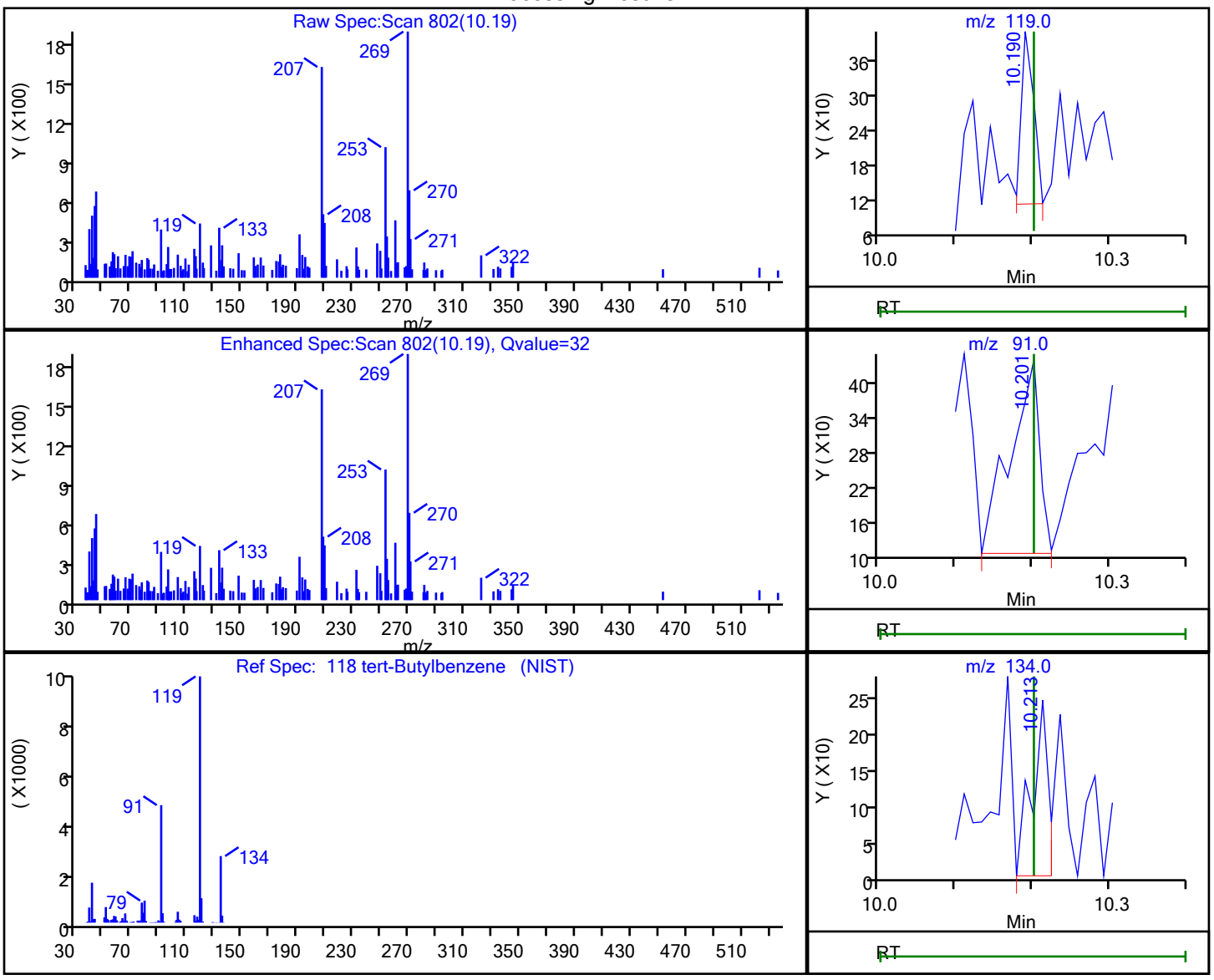
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 118 tert-Butylbenzene, CAS: 98-06-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.19 | 119.00 | 336 | 0.022343 |
| 10.20 | 91.00 | 874 | |
| 10.21 | 134.00 | 367 | |

Reviewer: martineze, 20-Sep-2021 15:18:10

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

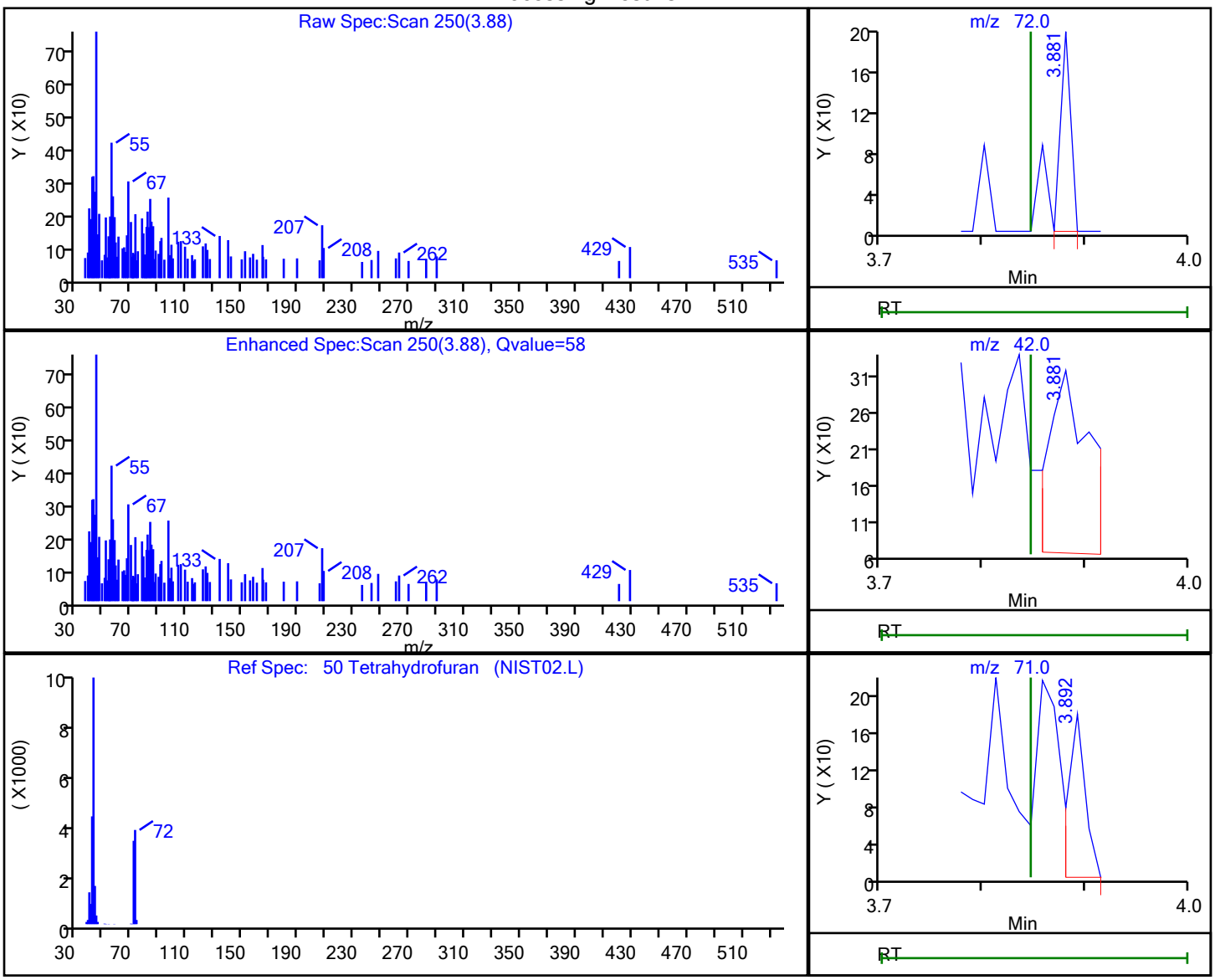
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 50 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.88 | 72.00 | 135 | 0.158744 |
| 3.88 | 42.00 | 700 | |
| 3.89 | 71.00 | 206 | |

Reviewer: martineze, 20-Sep-2021 15:15:27
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

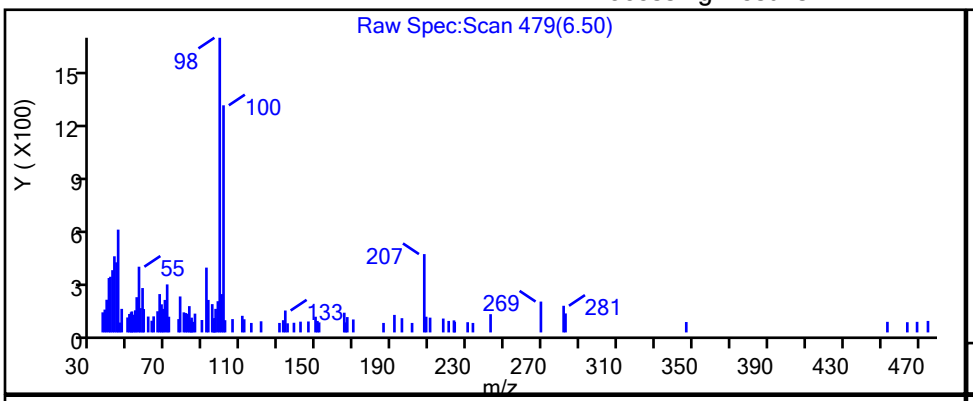
User Disabled Compound Report

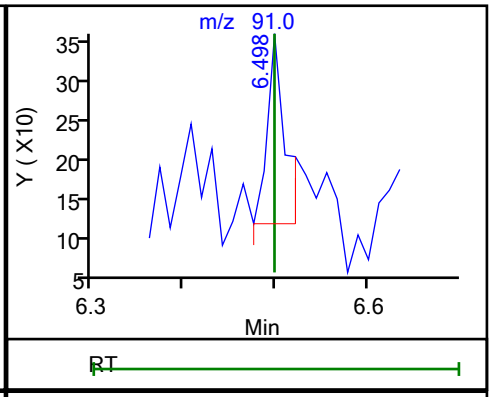
Eurofins TestAmerica, Edison

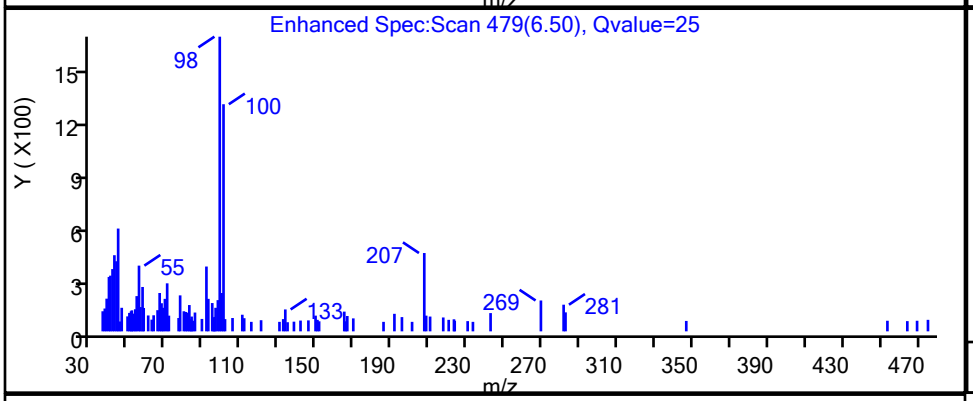
| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

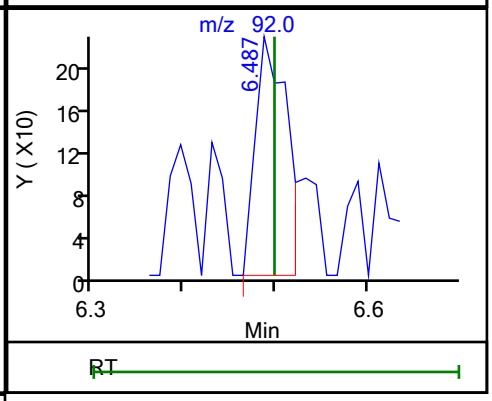
## 83 Toluene, CAS: 108-88-3

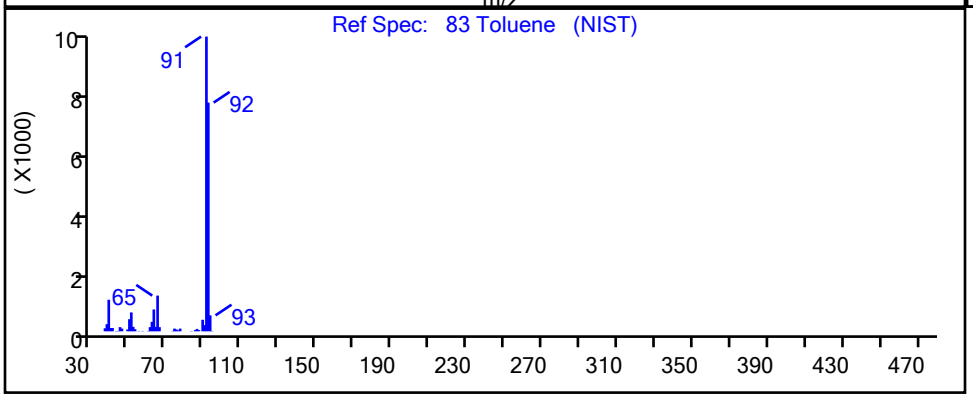
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.50 | 91.00 | 325 | 0.015269 |
| 6.49 | 92.00 | 533 | |

Reviewer: martineze, 20-Sep-2021 15:16:42

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

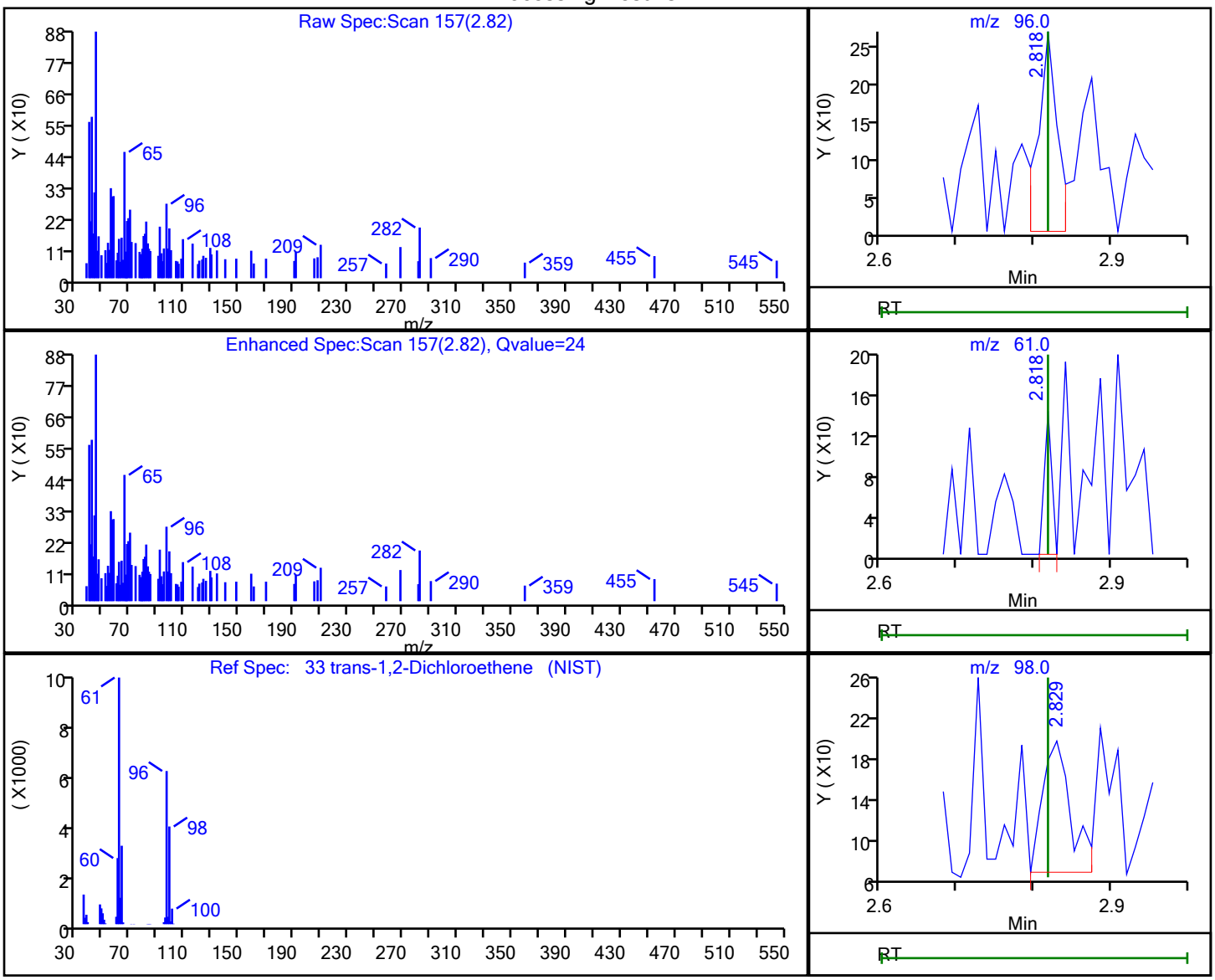
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

## 33 trans-1,2-Dichloroethene, CAS: 156-60-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.82 | 96.00 | 464 | 0.091390 |
| 2.82 | 61.00 | 95 | |
| 2.83 | 98.00 | 335 | |

Reviewer: martineze, 20-Sep-2021 15:14:08

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

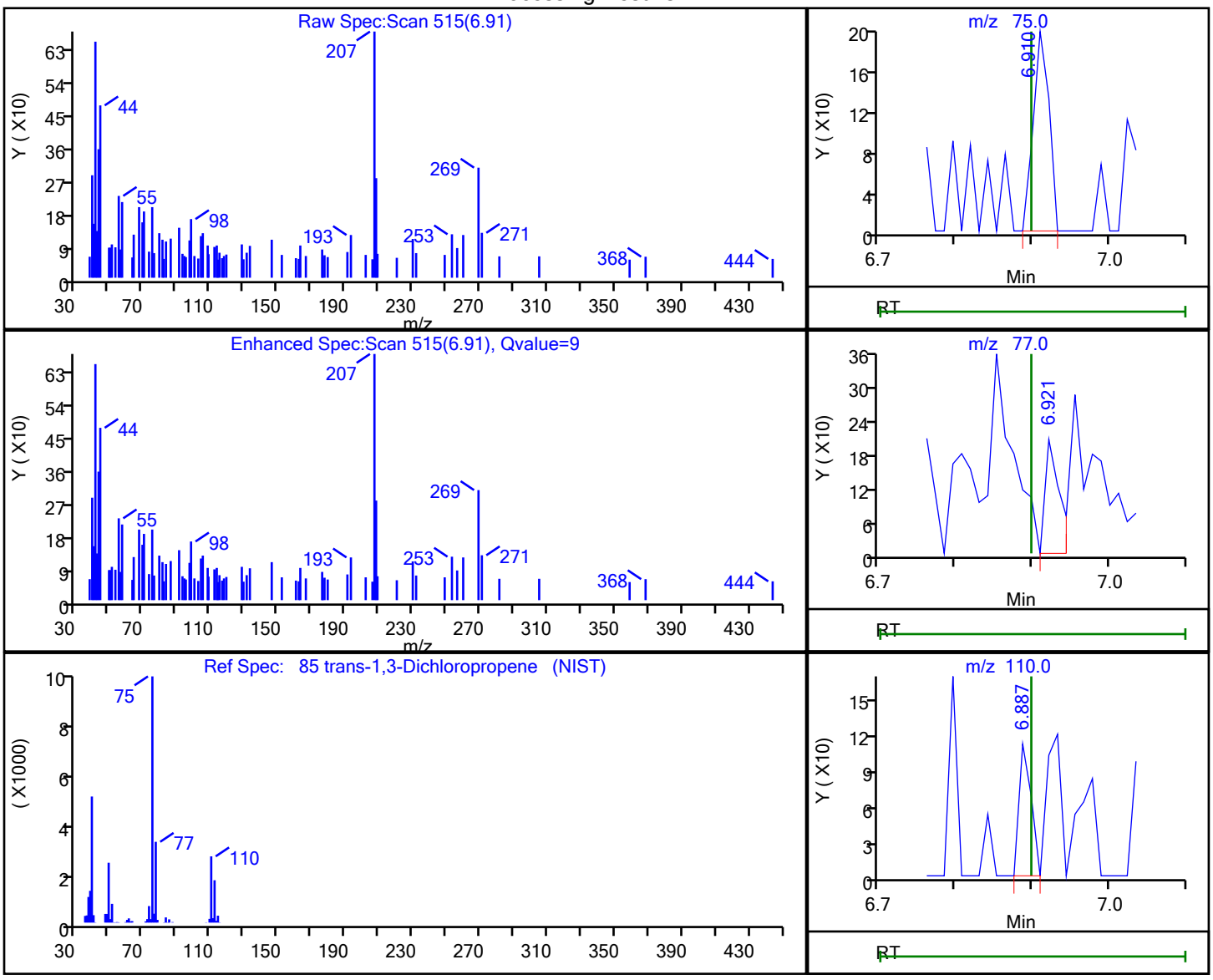
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 85 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.91 | 75.00 | 280 | 0.038547 |
| 6.92 | 77.00 | 265 | |
| 6.89 | 110.00 | 117 | |

Reviewer: martineze, 20-Sep-2021 15:16:43
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

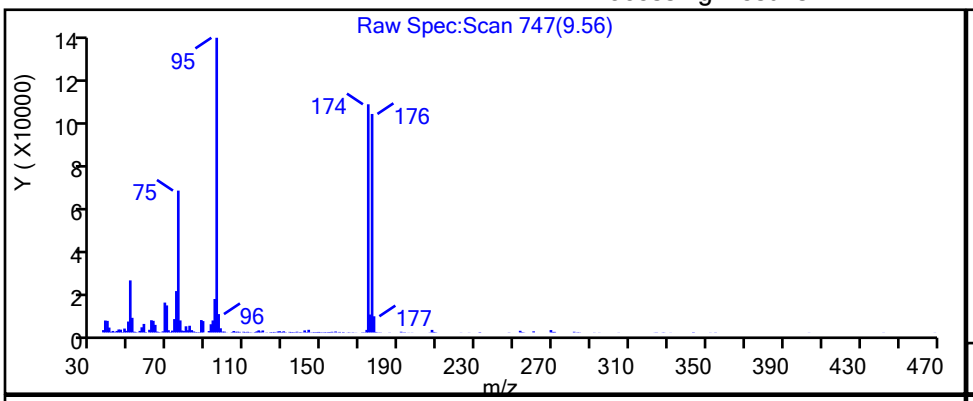
User Disabled Compound Report

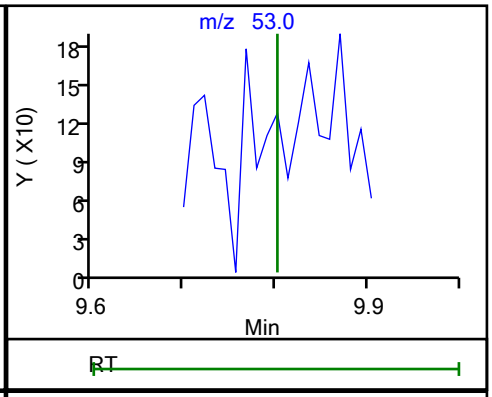
Eurofins TestAmerica, Edison

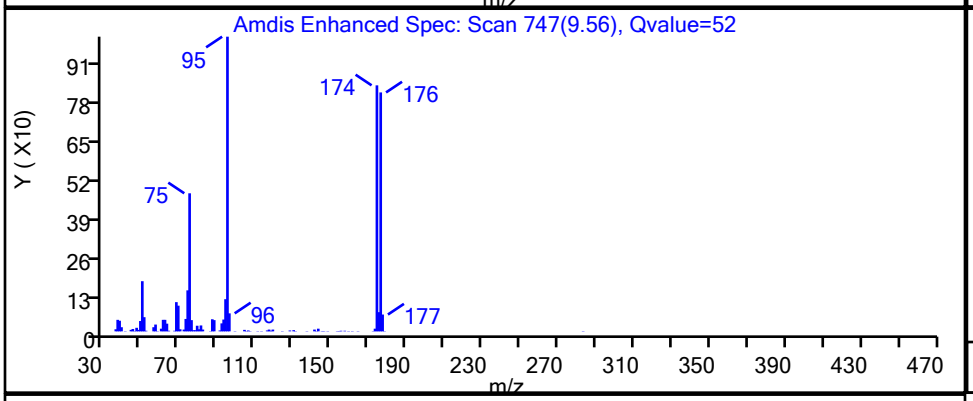
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

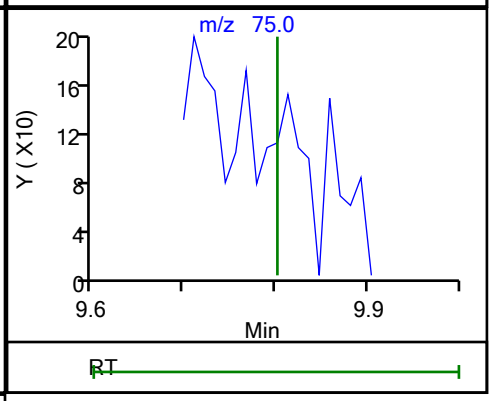
## 112 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

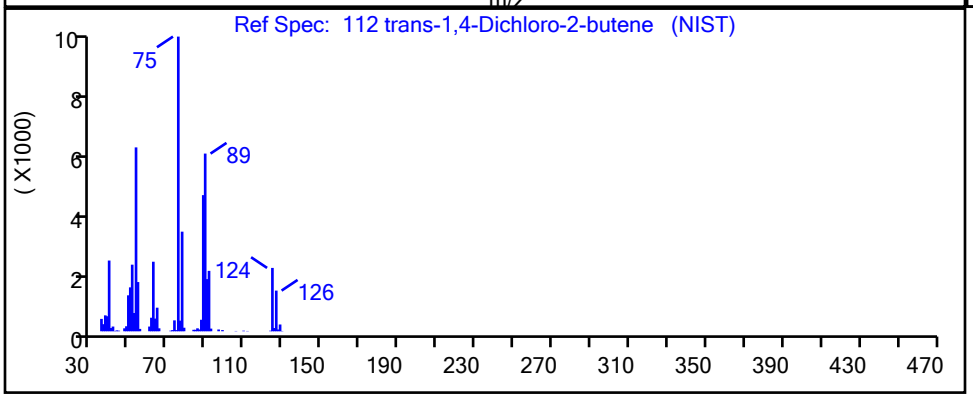
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.56 | 53.00 | 196 | 0.120170 |
| 9.56 | 75.00 | 96370 | |

Reviewer: martineze, 20-Sep-2021 15:18:02
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

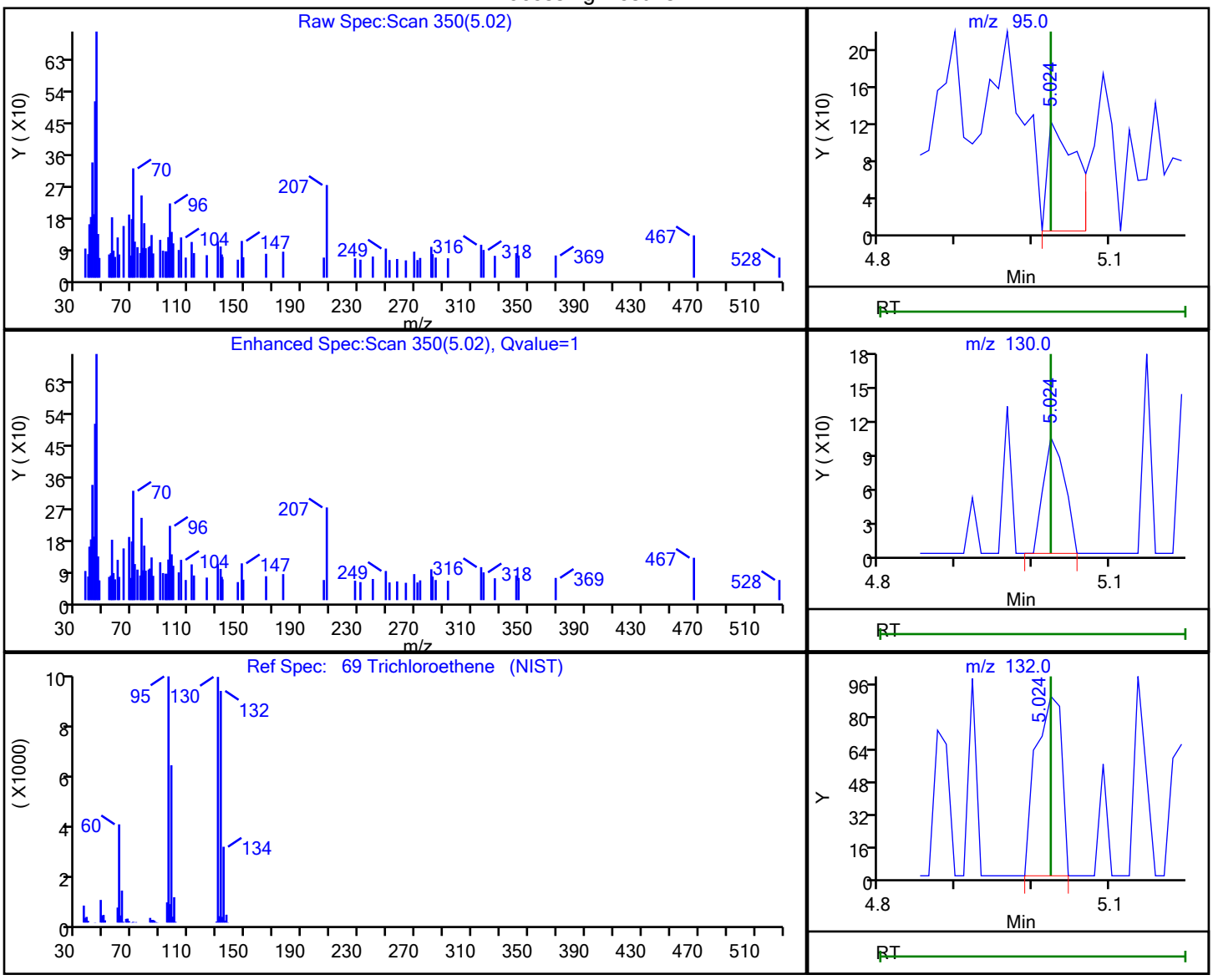
User Disabled Compound Report

Eurofins TestAmerica, Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 |
| Lims ID: | STD8 | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 51 Worklist Smp#: 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad |

## 69 Trichloroethene, CAS: 79-01-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.02 | 95.00 | 303 | 0.055482 |
| 5.02 | 130.00 | 203 | |
| 5.02 | 132.00 | 211 | |

Reviewer: martineze, 20-Sep-2021 15:16:12

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

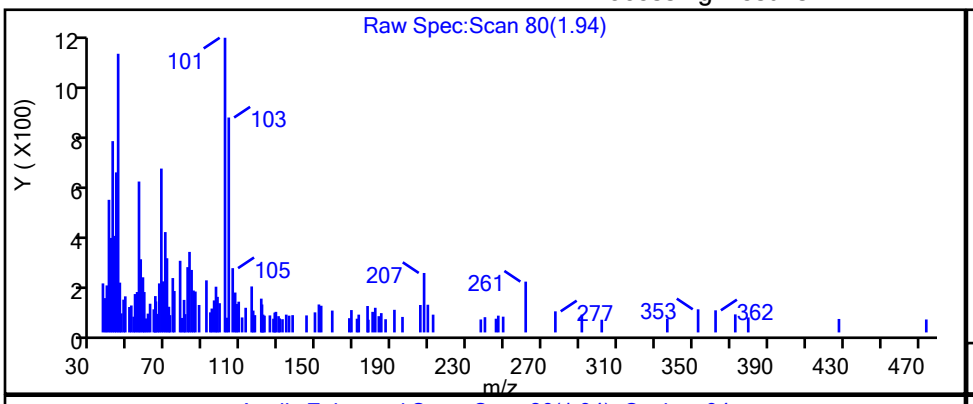
User Disabled Compound Report

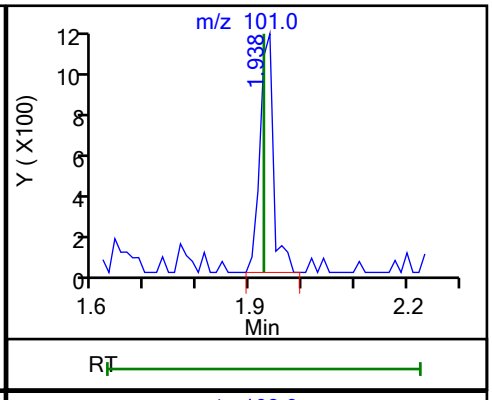
Eurofins TestAmerica, Edison

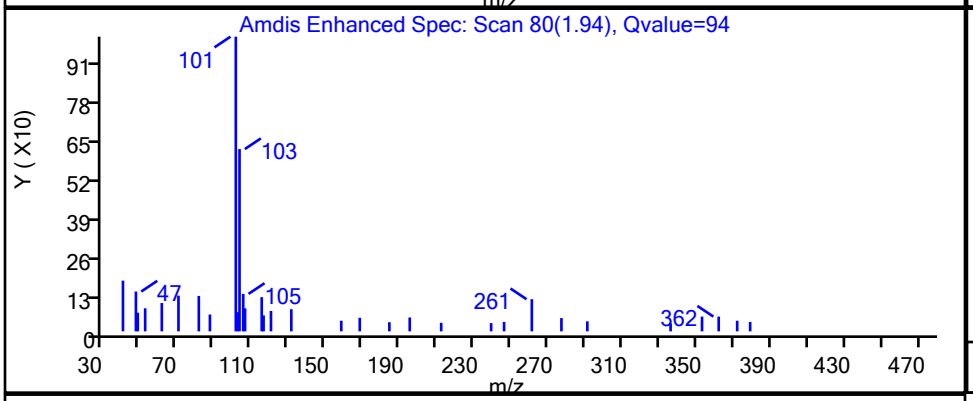
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D | | | | |
| Injection Date: | 20-Sep-2021 12:12:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | STD8 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 51 | Worklist Smp#: | 2 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

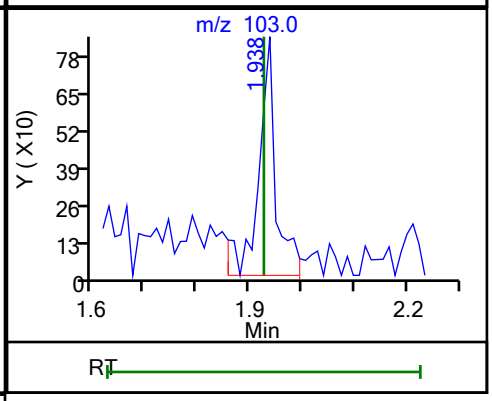
## 12 Trichlorofluoromethane, CAS: 75-69-4

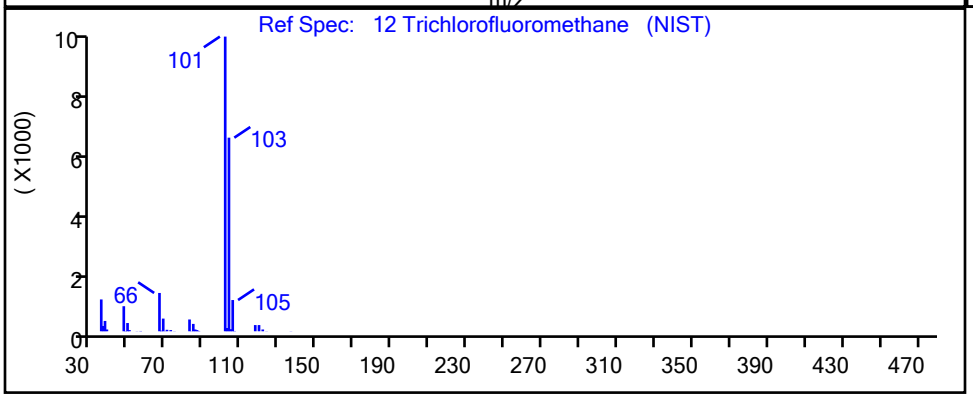
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.94 | 101.00 | 2067 | 0.272152 |
| 1.94 | 103.00 | 1959 | |

Reviewer: martineze, 20-Sep-2021 15:08:02

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

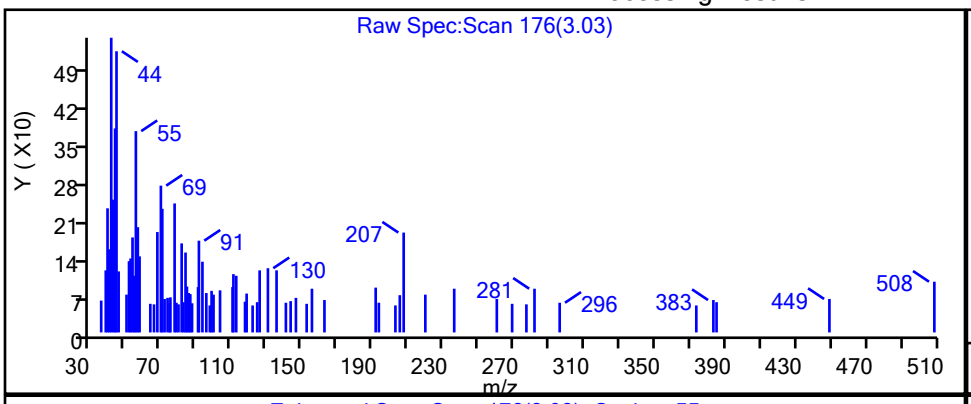
User Disabled Compound Report

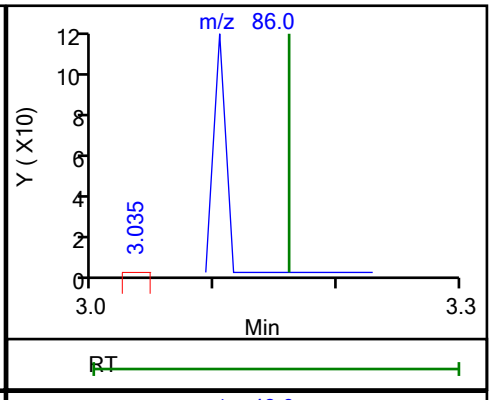
Eurofins TestAmerica, Edison

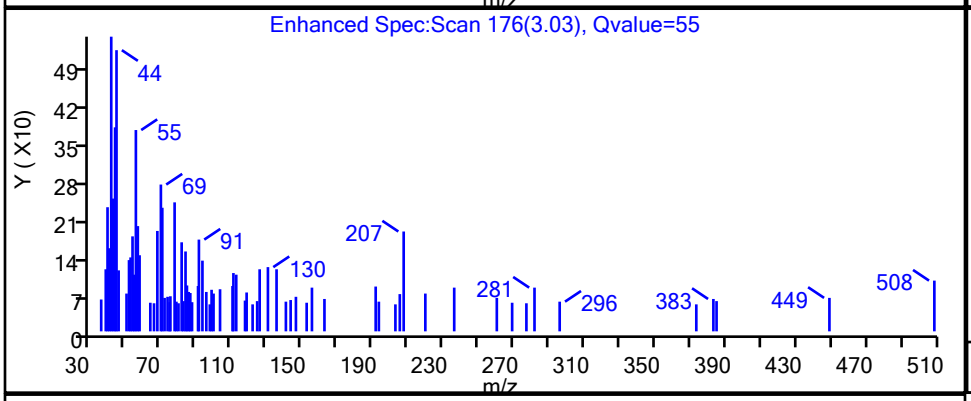
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

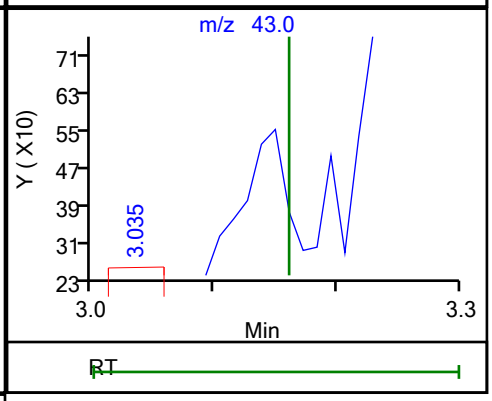
## 40 Vinyl acetate, CAS: 108-05-4

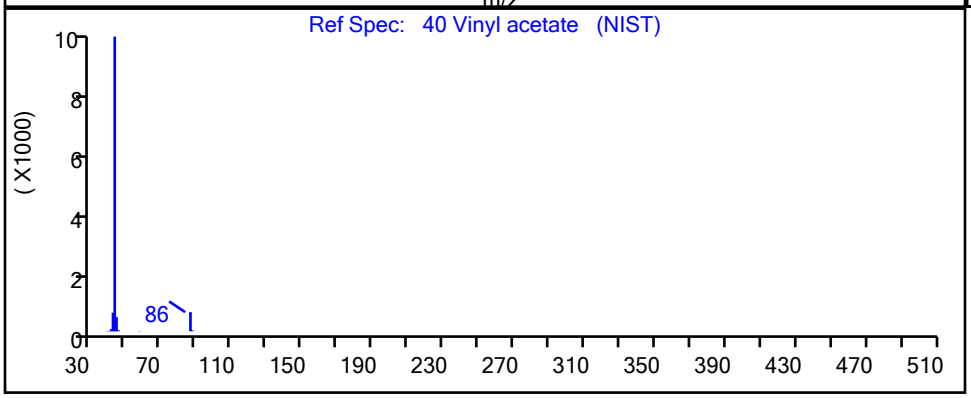
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.03 | 86.00 | 49 | 0.055441 |
| 3.03 | 43.00 | 184 | |

Reviewer: martineze, 20-Sep-2021 15:14:15
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

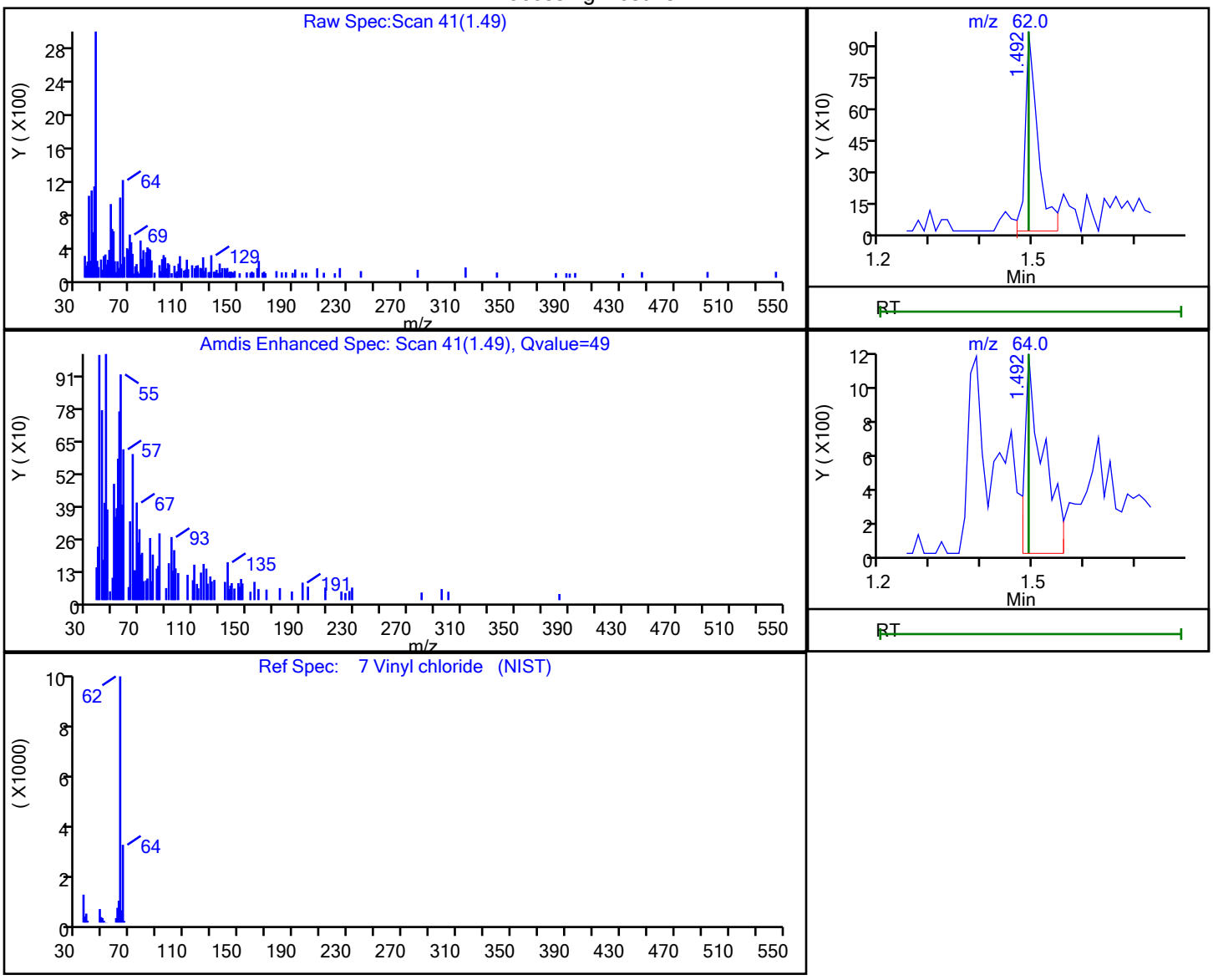
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07730.D
Injection Date: 20-Sep-2021 12:12:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 51 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 7 Vinyl chloride, CAS: 75-01-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.49 | 62.00 | 1662 | 0.254993 |
| 1.49 | 64.00 | 2994 | |

Reviewer: martineze, 20-Sep-2021 15:07:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 20-Sep-2021 13:15:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0134774-005
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2021 08:58:05 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1676

First Level Reviewer: kluseys Date: 20-Sep-2021 14:38:32

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 65 | 428 | 1.00 | 1.08 | M |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 89 | 1955 | 1.00 | 0.9695 | |
| 4 1,1-Difluoroethane | 65 | 1.286 | 1.275 | 0.011 | 51 | 1925 | 1.00 | 0.9681 | M |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 97 | 4223 | 1.00 | 0.9245 | M |
| 2 Chlorodifluoromethane | 67 | 1.320 | 1.309 | 0.011 | 92 | 1025 | 1.00 | 1.22 | |
| 6 Chloromethane | 50 | 1.446 | 1.435 | 0.011 | 97 | 4745 | 1.00 | 1.06 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 95 | 5541 | 1.00 | 1.04 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 93 | 5127 | 1.00 | 1.01 | |
| 9 Bromomethane | 94 | 1.732 | 1.720 | 0.012 | 94 | 3160 | 1.00 | 0.8963 | M |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 96 | 3404 | 1.00 | 1.00 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 96 | 6064 | 1.00 | 0.8569 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 84 | 5642 | 1.00 | 0.8653 | |
| 13 Pentane | 72 | 1.960 | 1.960 | 0.000 | 97 | 1595 | 2.00 | 2.05 | |
| 17 Ethanol | 46 | 2.075 | 2.075 | 0.000 | 61 | 782 | 40.0 | 44.4 | |
| 14 Ethyl ether | 74 | 2.120 | 2.109 | 0.011 | 97 | 2187 | 1.00 | 0.9052 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 88 | 3031 | 1.00 | 0.7980 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 80 | 3610 | 1.00 | 1.00 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 92 | 5331 | 1.00 | 0.9364 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 94 | 3536 | 1.00 | 0.9046 | |
| 52 Acrolein | 56 | 2.269 | 2.258 | 0.011 | 27 | 1505 | 4.06 | 4.13 | M |
| 20 1,1-Dichloroethene | 96 | 2.292 | 2.280 | 0.012 | 96 | 3621 | 1.00 | 0.9634 | |
| 23 Acetone | 43 | 2.360 | 2.349 | 0.011 | 89 | 7100 | 5.00 | 5.54 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 96 | 2811 | 1.00 | 0.4990 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 81 | 1867 | 10.0 | 8.93 | M |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 100 | 12416 | 1.00 | 0.8404 | |
| 30 Methyl acetate | 43 | 2.555 | 2.543 | 0.012 | 86 | 4504 | 2.00 | 1.38 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 82 | 2299 | 1.00 | 0.9165 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 92 | 9252 | 1.00 | 0.9264 | |
| 27 Acetonitrile | 41 | 2.612 | 2.600 | 0.012 | 24 | 2693 | 10.0 | 7.41 | a |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 30928 | 1000.0 | 1000.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 86 | 5460 | 1.00 | 1.23 | |
| 31 2-Methyl-2-propanol | 59 | 2.692 | 2.680 | 0.012 | 93 | 6104 | 10.0 | 11.7 | |
| 32 Methyl tert-butyl ether | 73 | 2.783 | 2.772 | 0.011 | 97 | 11377 | 1.00 | 0.9472 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 90 | 4230 | 1.00 | 0.9511 | |
| 35 Acrylonitrile | 53 | 2.875 | 2.886 | -0.011 | 99 | 14753 | 10.0 | 8.69 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 88 | 5360 | 1.00 | 0.9562 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 84 | 8779 | 1.00 | 0.7888 | |
| 40 Vinyl acetate | 86 | 3.172 | 3.161 | 0.012 | 99 | 1480 | 2.00 | 1.93 | |
| 38 1,1-Dichloroethane | 63 | 3.160 | 3.161 | 0.000 | 82 | 7351 | 1.00 | 0.9841 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.206 | 3.206 | 0.000 | 96 | 3593 | 1.00 | 0.8945 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | -0.001 | 89 | 10798 | 1.00 | 0.9169 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.595 | 0.000 | 97 | 197770 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.618 | 3.606 | 0.012 | 51 | 1918 | 1.00 | 1.15 | |
| 47 Ethyl acetate | 70 | 3.641 | 3.641 | 0.000 | 88 | 1883 | 2.00 | 3.61 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 97 | 3026 | 5.00 | 5.35 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 96 | 4715 | 1.00 | 0.9685 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 90 | 3038 | 1.00 | 0.8362 | |
| 48 Propionitrile | 54 | 3.778 | 3.766 | 0.012 | 98 | 5502 | 10.0 | 8.37 | |
| 50 Tetrahydrofuran | 72 | 3.858 | 3.846 | 0.012 | 32 | 1343 | 2.00 | 1.76 | |
| 49 Chlorobromomethane | 128 | 3.858 | 3.846 | 0.012 | 50 | 2364 | 1.00 | 1.01 | |
| 54 Methacrylonitrile | 67 | 3.869 | 3.858 | 0.011 | 91 | 17665 | 10.0 | 8.48 | |
| 51 Chloroform | 83 | 3.903 | 3.892 | 0.011 | 97 | 7864 | 1.00 | 1.03 | |
| 53 Cyclohexane | 84 | 4.029 | 4.018 | 0.011 | 89 | 6095 | 1.00 | 0.8771 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 80 | 6724 | 1.00 | 0.9670 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 97 | 123390 | 50.0 | 50.2 | |
| 57 Carbon tetrachloride | 117 | 4.155 | 4.155 | 0.000 | 91 | 5673 | 1.00 | 0.9794 | |
| 58 1,1-Dichloropropene | 75 | 4.178 | 4.178 | 0.000 | 93 | 5318 | 1.00 | 0.8849 | |
| 61 Isobutyl alcohol | 43 | 4.315 | 4.292 | 0.023 | 39 | 4585 | 25.0 | 20.4 | a |
| 64 Isooctane | 57 | 4.338 | 4.338 | 0.000 | 97 | 10844 | 1.00 | 0.9836 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 92 | 15607 | 1.00 | 0.9542 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.395 | 0.000 | 97 | 127773 | 50.0 | 49.4 | |
| 66 Isopropyl acetate | 61 | 4.395 | 4.418 | -0.023 | 89 | 3878 | 1.00 | 1.85 | |
| 62 Tert-amyl methyl ether | 73 | 4.429 | 4.429 | 0.000 | 81 | 10663 | 1.00 | 0.8470 | |
| 63 1,2-Dichloroethane | 62 | 4.463 | 4.463 | 0.000 | 95 | 5682 | 1.00 | 1.01 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 84 | 1405 | 1.00 | 1.12 | a |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 431785 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 5.069 | 4.978 | 0.091 | 22 | 1414 | 25.0 | 24.9 | M |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 95 | 5175 | 1.00 | 1.12 | |
| 71 Ethyl acrylate | 99 | 5.138 | 5.138 | 0.000 | 92 | 668 | 1.00 | 0.9126 | |
| 72 Methylcyclohexane | 83 | 5.138 | 5.138 | 0.000 | 83 | 6495 | 1.00 | 0.8646 | |
| 73 1,2-Dichloropropane | 63 | 5.309 | 5.321 | -0.012 | 87 | 3894 | 1.00 | 0.9762 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.378 | 0.011 | 88 | 18680 | 1000.0 | 1000.0 | M |
| 74 Methyl methacrylate | 100 | 5.412 | 5.389 | 0.023 | 80 | 2302 | 2.00 | 1.79 | |
| 78 1,4-Dioxane | 88 | 5.469 | 5.446 | 0.023 | 33 | 2432 | 50.0 | 45.9 | |
| 77 n-Propyl acetate | 43 | 5.458 | 5.458 | 0.000 | 96 | 4825 | 1.00 | 0.8361 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 75 | 2698 | 1.00 | 1.02 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 97 | 5945 | 1.00 | 1.09 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.984 | 5.972 | 0.012 | 63 | 2231 | 1.00 | 0.8682 | |
| 34 2-Nitropropane | 41 | 5.984 | 5.972 | 0.012 | 87 | 3740 | 2.00 | 2.30 | |
| 80 Epichlorohydrin | 57 | 6.098 | 6.098 | 0.000 | 98 | 7932 | 20.0 | 18.9 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 92 | 6227 | 1.00 | 0.9368 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.327 | 6.327 | -0.001 | 96 | 18081 | 5.00 | 5.28 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 99 | 535574 | 50.0 | 52.3 | |
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 94 | 16432 | 1.00 | 0.9170 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 95 | 5360 | 1.00 | 0.8705 | |
| 86 Ethyl methacrylate | 69 | 6.932 | 6.932 | 0.000 | 87 | 4206 | 1.00 | 0.8443 | |
| 87 1,1,2-Trichloroethane | 83 | 7.138 | 7.138 | 0.000 | 92 | 3574 | 1.00 | 1.12 | |
| 88 Tetrachloroethene | 166 | 7.184 | 7.184 | 0.000 | 93 | 4599 | 1.00 | 0.9885 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 88 | 6468 | 1.00 | 1.07 | |
| 91 2-Hexanone | 43 | 7.447 | 7.435 | 0.012 | 95 | 11648 | 5.00 | 5.15 | |
| 92 n-Butyl acetate | 43 | 7.595 | 7.584 | 0.011 | 95 | 5753 | 1.00 | 1.04 | |
| 90 Chlorodibromomethane | 129 | 7.629 | 7.630 | -0.001 | 95 | 4000 | 1.00 | 1.04 | |
| 93 Ethylene Dibromide | 107 | 7.790 | 7.790 | 0.000 | 98 | 3863 | 1.00 | 0.9763 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 84 | 311099 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 97 | 10899 | 1.00 | 0.9683 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 5407 | 1.00 | 0.9003 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 86 | 3851 | 1.00 | 0.9322 | |
| 98 m-Xylene & p-Xylene | 106 | 8.590 | 8.590 | 0.000 | 96 | 7322 | 1.00 | 0.9841 | |
| 99 n-Butyl acrylate | 73 | 9.012 | 9.013 | 0.000 | 60 | 2546 | 1.00 | 0.7737 | |
| 100 o-Xylene | 106 | 9.012 | 9.013 | 0.000 | 94 | 6891 | 1.00 | 0.9583 | |
| 101 Styrene | 104 | 9.047 | 9.047 | 0.000 | 95 | 10777 | 1.00 | 0.9137 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 89 | 5746 | 1.00 | 0.9272 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | -0.001 | 72 | 2612 | 1.00 | 0.9244 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 95 | 17682 | 1.00 | 0.9866 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 153590 | 50.0 | 52.3 | |
| 107 Bromobenzene | 156 | 9.698 | 9.687 | 0.011 | 88 | 4432 | 1.00 | 0.9277 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 76 | 4340 | 1.00 | 0.8744 | |
| 109 N-Propylbenzene | 91 | 9.755 | 9.755 | 0.000 | 98 | 19371 | 1.00 | 0.9177 | |
| 115 1,2,3-Trichloropropane | 110 | 9.790 | 9.778 | 0.012 | 91 | 1699 | 1.00 | 0.8172 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.813 | 9.801 | 0.012 | 82 | 1158 | 1.00 | 0.7881 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 97 | 13108 | 1.00 | 0.9066 | |
| 113 4-Ethyltoluene | 105 | 9.870 | 9.870 | 0.000 | 96 | 16345 | 1.00 | 0.9206 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 93 | 12529 | 1.00 | 0.8386 | |
| 110 4-Chlorotoluene | 91 | 9.973 | 9.961 | 0.012 | 95 | 12157 | 1.00 | 0.9181 | |
| 117 Butyl Methacrylate | 87 | 10.030 | 10.030 | 0.000 | 90 | 4000 | 1.00 | 0.8340 | |
| 118 tert-Butylbenzene | 119 | 10.201 | 10.201 | 0.000 | 94 | 12646 | 1.00 | 0.99 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 97 | 13867 | 1.00 | 0.9209 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 98 | 15634 | 1.00 | 0.8761 | |
| 122 1,3-Dichlorobenzene | 146 | 10.521 | 10.510 | 0.011 | 95 | 7835 | 1.00 | 0.8634 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 97 | 14105 | 1.00 | 0.8704 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 95 | 154514 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.601 | 10.601 | 0.000 | 94 | 8950 | 1.00 | 0.9796 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 97 | 14196 | 1.00 | 0.9078 | a |
| 125 Benzyl chloride | 91 | 10.716 | 10.716 | 0.000 | 98 | 7801 | 1.00 | 0.8220 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 94 | 14382 | 1.00 | 0.9511 | |
| 126 p-Diethylbenzene | 119 | 10.818 | 10.818 | 0.000 | 95 | 8173 | 1.00 | 1.00 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 95 | 6536 | 1.00 | 0.8548 | |
| 128 1,2-Dichlorobenzene | 146 | 10.898 | 10.898 | 0.000 | 95 | 8743 | 1.00 | 1.02 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 98 | 11197 | 1.00 | 0.8558 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 44 | 1585 | 1.00 | 1.19 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 96 | 5516 | 1.00 | 0.9184 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | -0.001 | 93 | 4861 | 1.00 | 0.8687 | |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 85 | 1789 | 1.00 | 0.8409 | |
| 134 Naphthalene | 128 | 12.281 | 12.281 | 0.000 | 99 | 14407 | 1.00 | 0.9897 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 92 | 4941 | 1.00 | 0.9324 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 1.92 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 2.00 | 1.94 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 2.00 | 1.81 | |
| S 139 Total BTEX | 1 | | | | 0 | | 5.00 | 4.71 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00130 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 10.00 | Units: uL | |
| 14DIOXINTER_00133 | Amount Added: | 30.00 | Units: uL | |
| GASES Li_00439 | Amount Added: | 10.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 10.00 | Units: uL | |
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 21-Sep-2021 08:58:05 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D

Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7

Lims ID: STD1

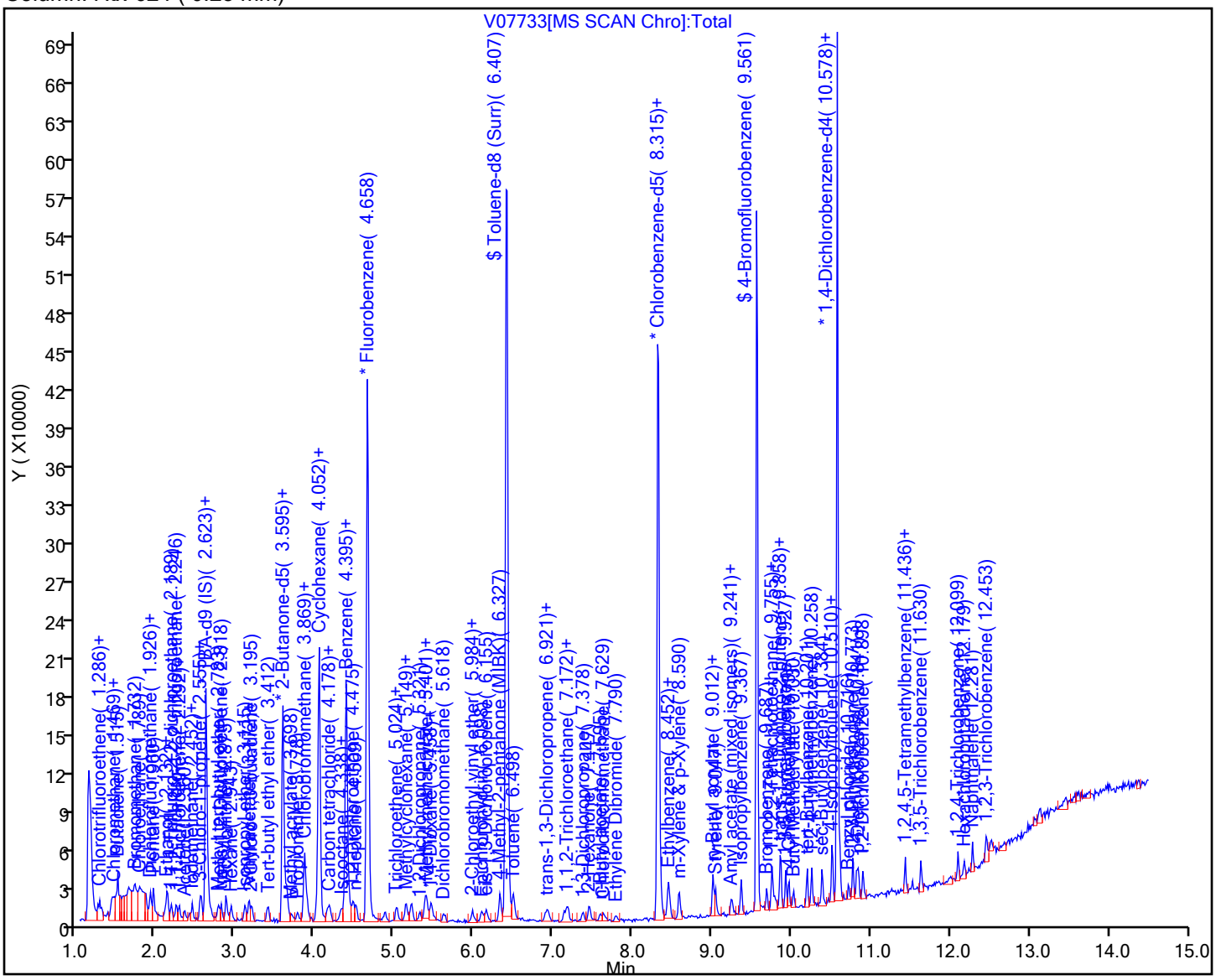
Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

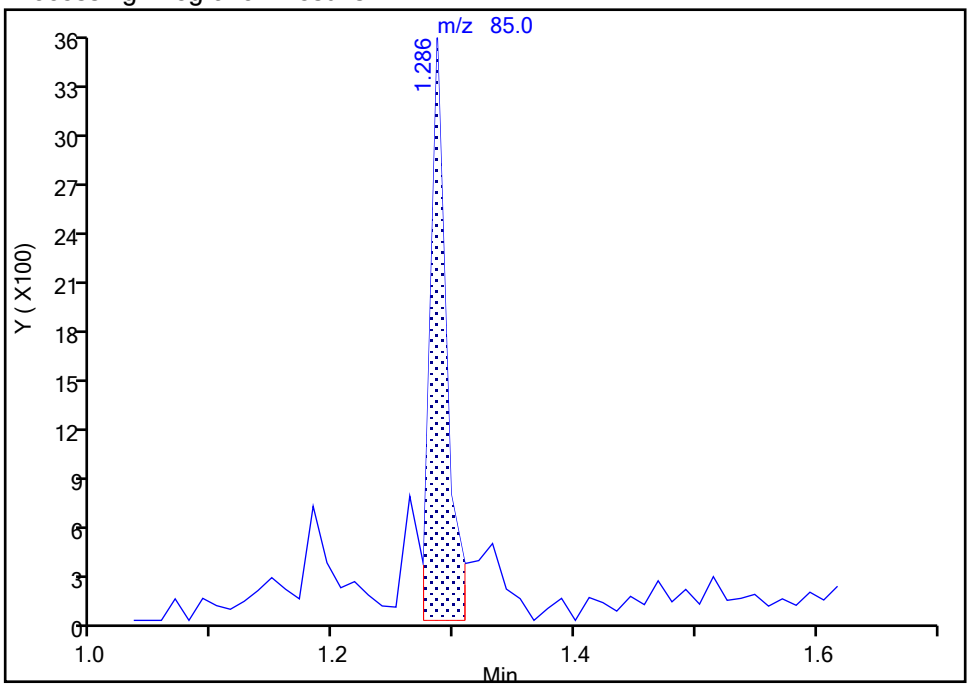
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

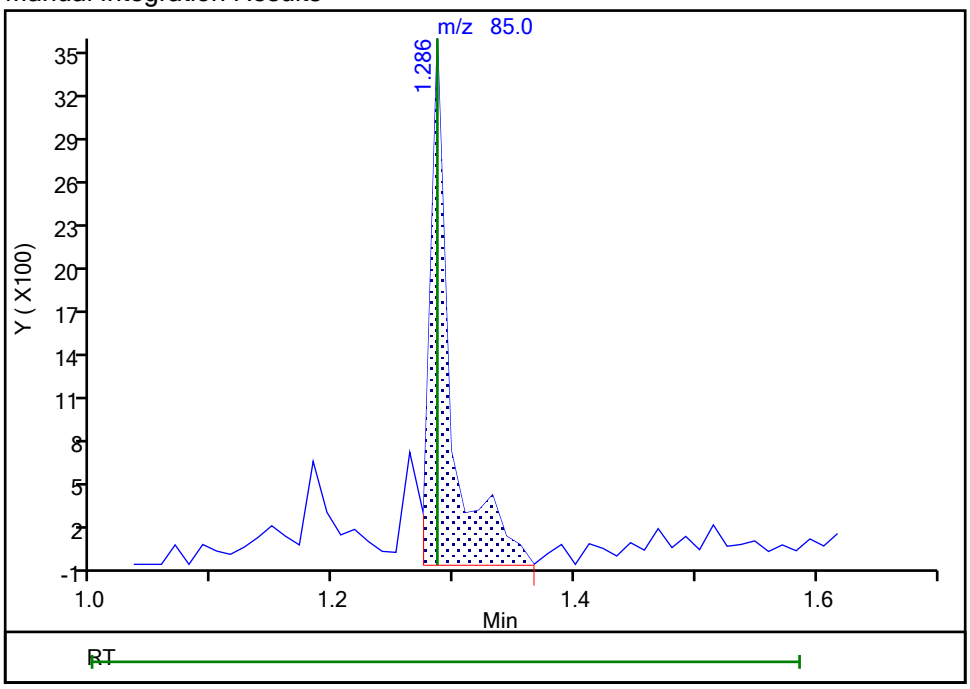
Processing Integration Results

RT: 1.29
Area: 3401
Amount: 0.589587
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 4223
Amount: 0.924519
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 08:11:25
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

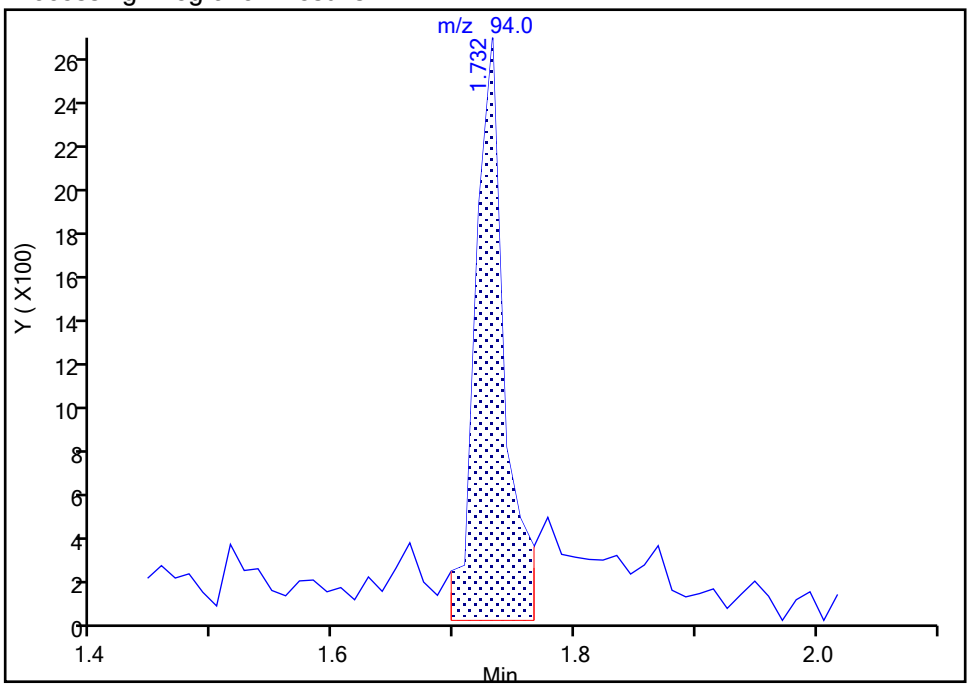
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 9 Bromomethane, CAS: 74-83-9

Signal: 1

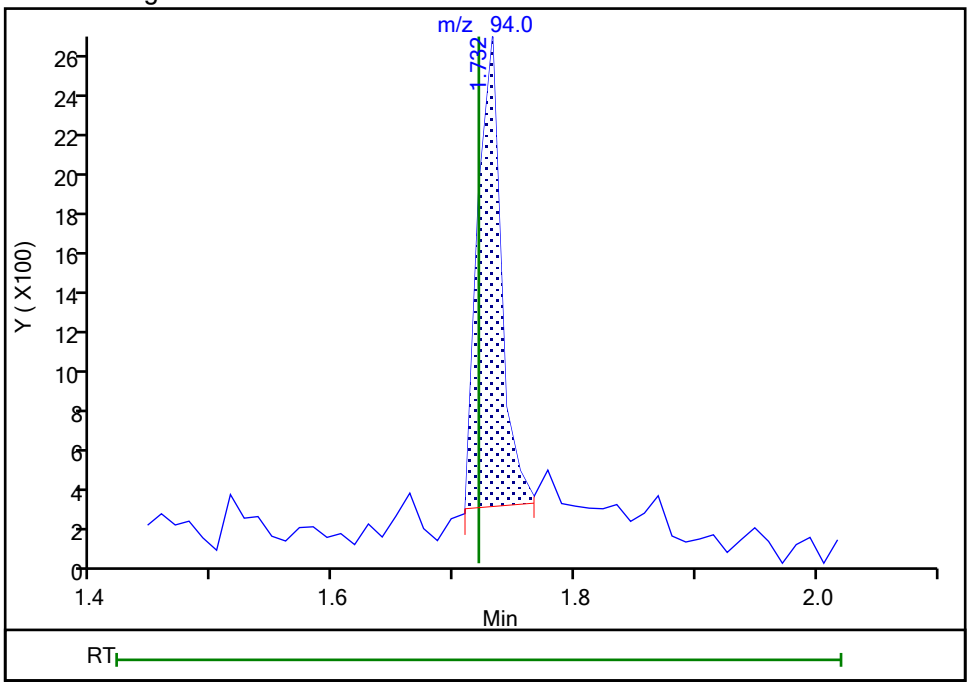
Processing Integration Results

RT: 1.73
Area: 4489
Amount: 1.272234
Amount Units: ug/l




Manual Integration Results

RT: 1.73
Area: 3160
Amount: 0.896289
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:38:20
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

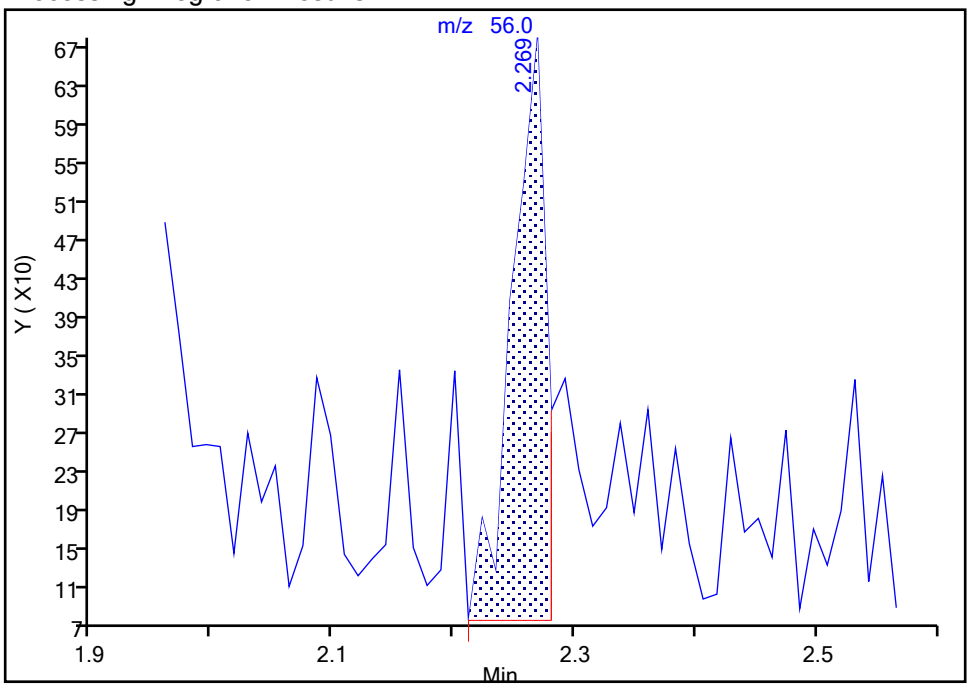
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 52 Acrolein, CAS: 107-02-8

Signal: 1

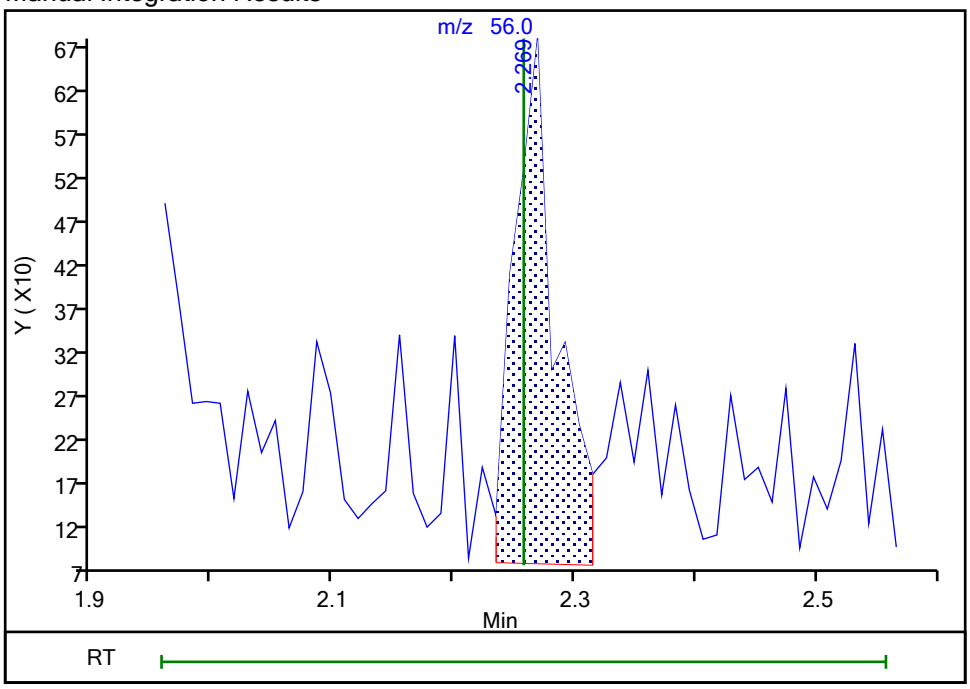
Processing Integration Results

RT: 2.27
Area: 1198
Amount: 3.732811
Amount Units: ug/l




Manual Integration Results

RT: 2.27
Area: 1505
Amount: 4.134132
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 08:21:11
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

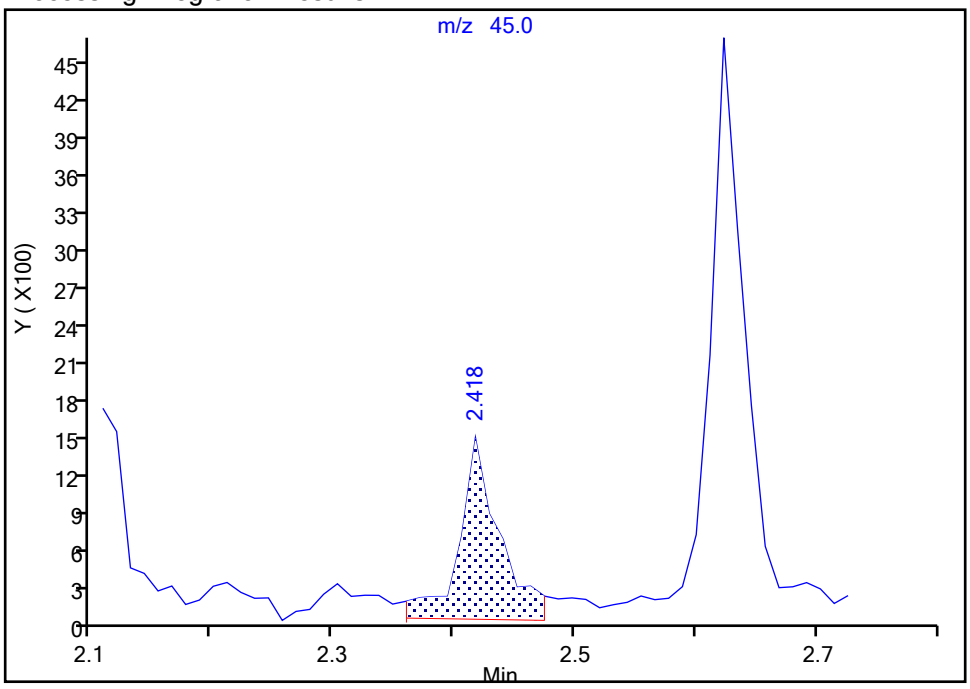
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

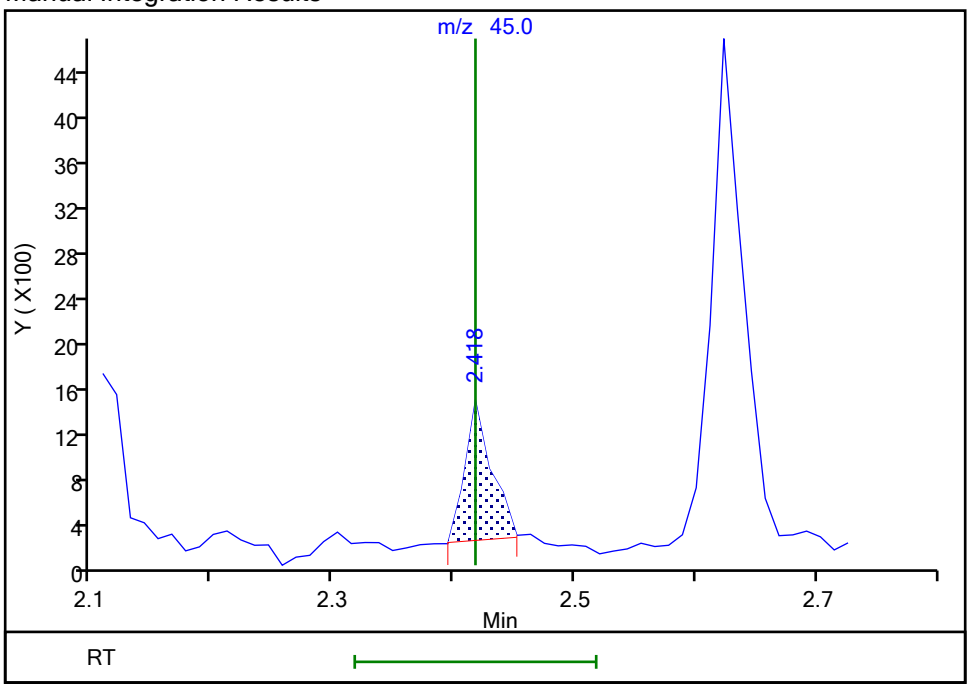
Processing Integration Results

RT: 2.42
Area: 3386
Amount: 14.510980
Amount Units: ug/l




Manual Integration Results

RT: 2.42
Area: 1867
Amount: 8.931260
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:46:31
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

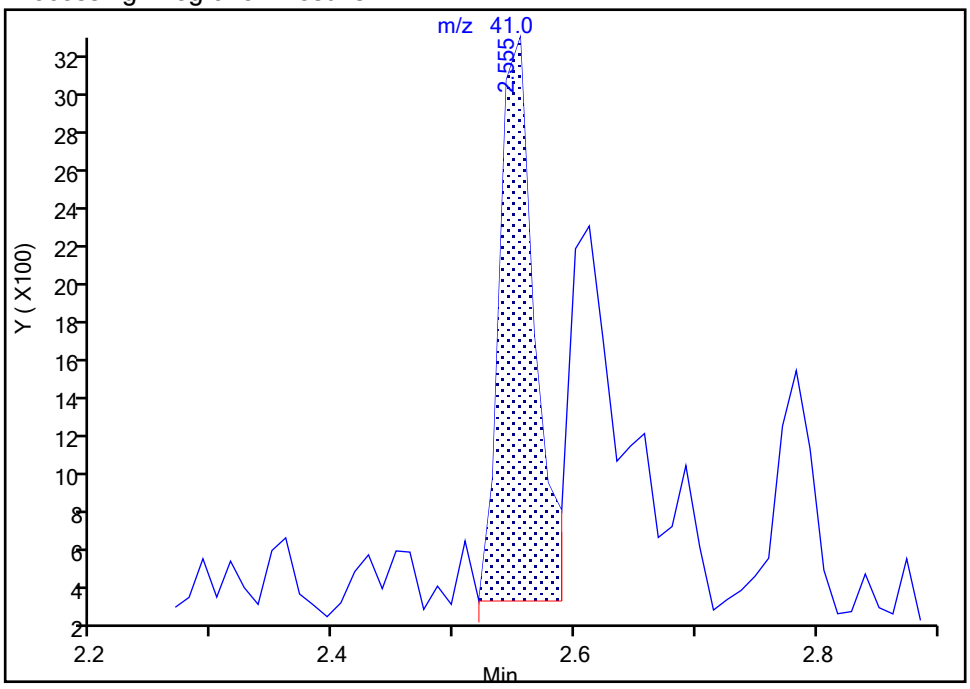
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

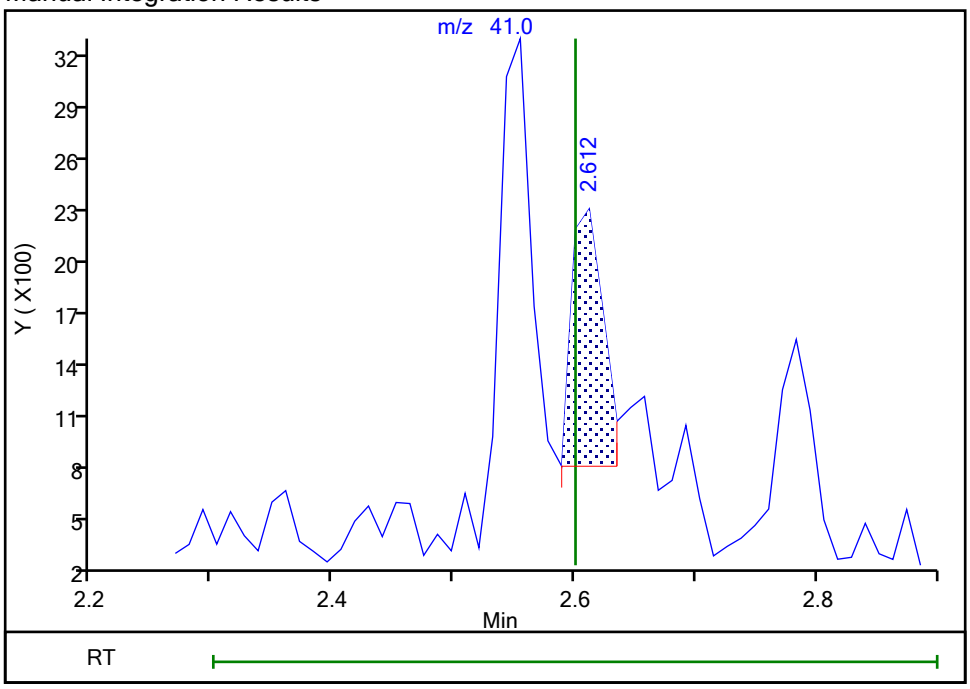
Processing Integration Results

RT: 2.55
Area: 5901
Amount: 15.029426
Amount Units: ug/l




Manual Integration Results

RT: 2.61
Area: 2693
Amount: 7.408493
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:54:29
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

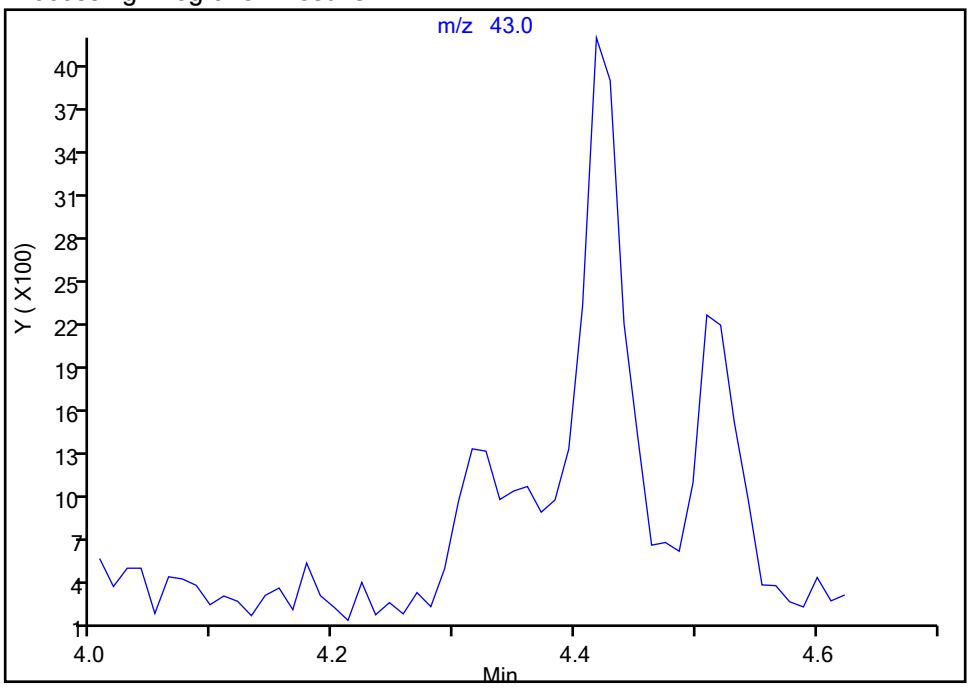
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 61 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

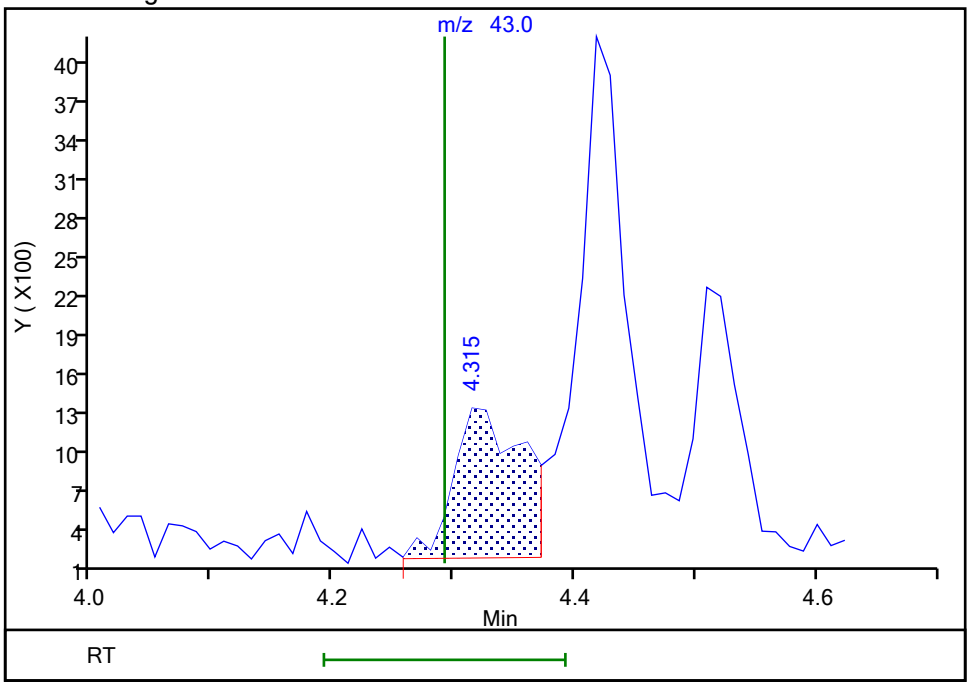
Not Detected
Expected RT: 4.29

Processing Integration Results




Manual Integration Results

RT: 4.31
Area: 4585
Amount: 20.377537
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:37:24
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

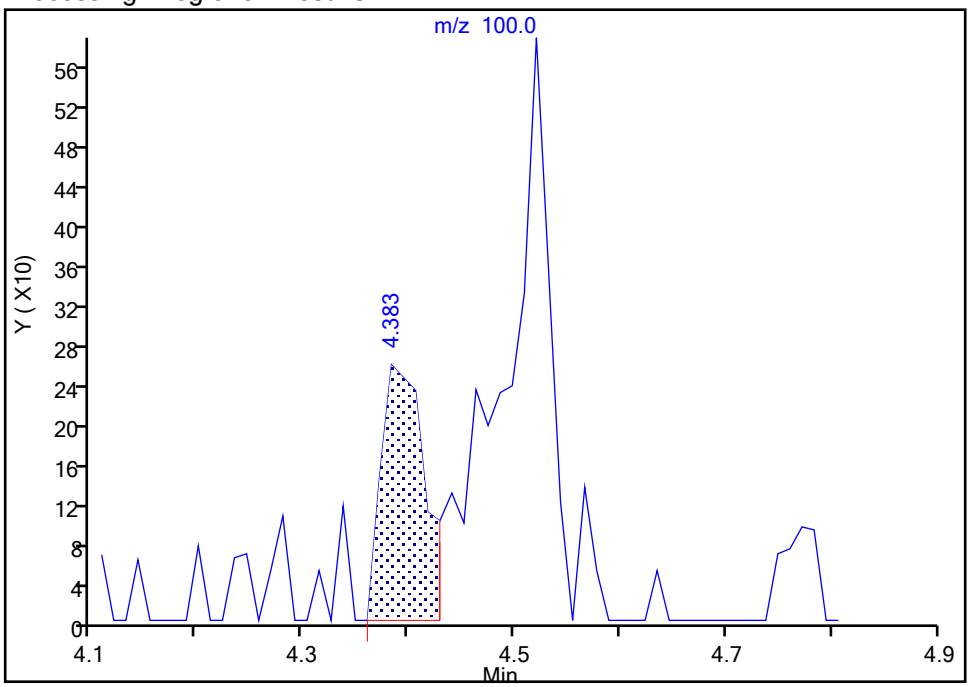
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

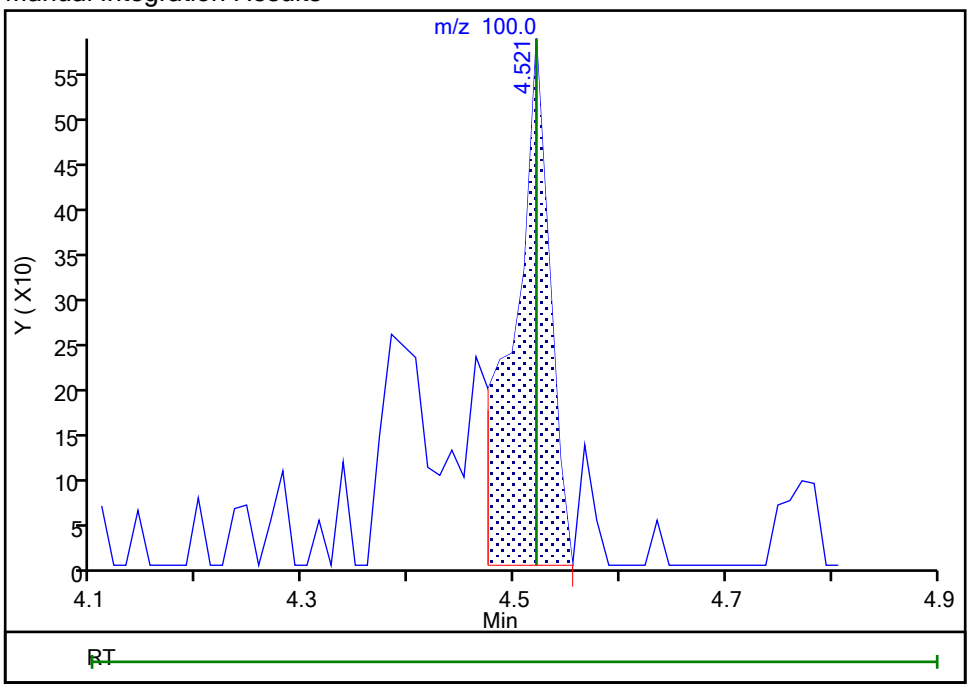
Processing Integration Results

RT: 4.38
Area: 743
Amount: 3.778116
Amount Units: ug/l




Manual Integration Results

RT: 4.52
Area: 1405
Amount: 1.122424
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:49:41
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

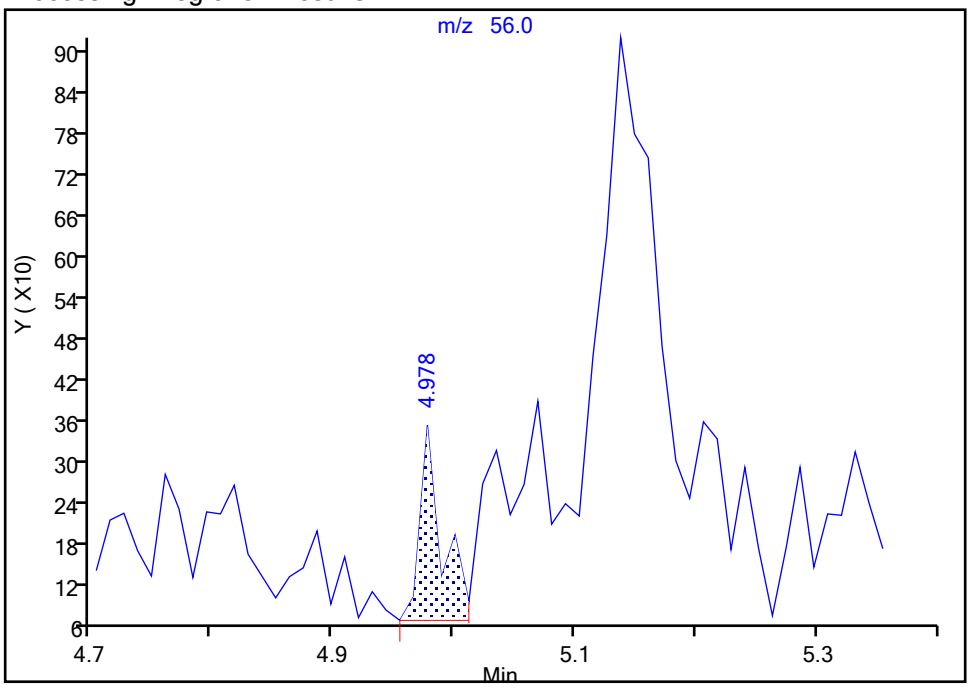
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 70 n-Butanol, CAS: 71-36-3

Signal: 1

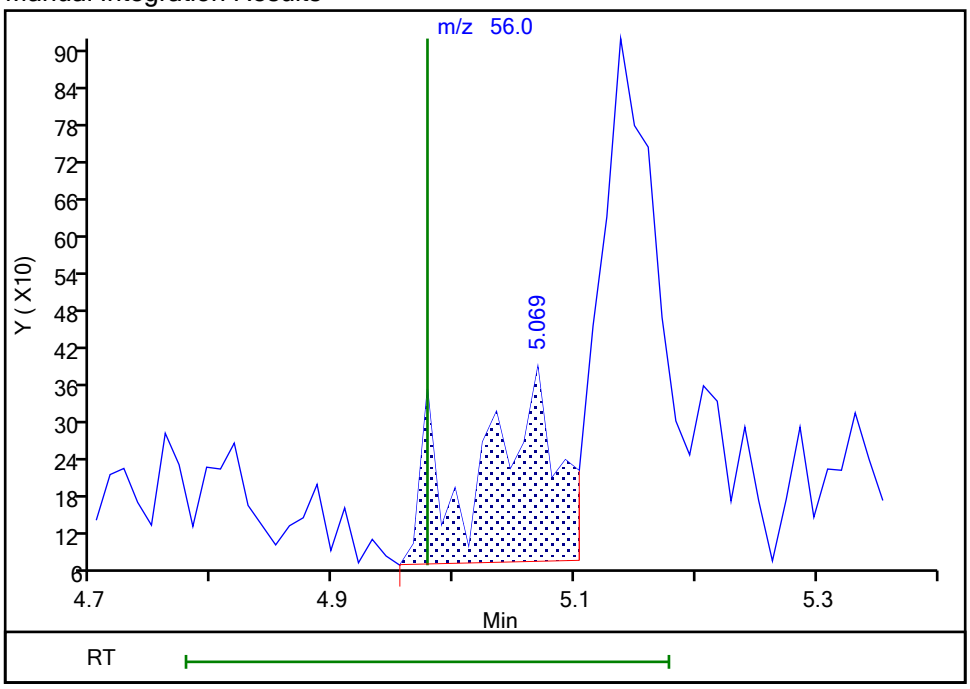
Processing Integration Results

RT: 4.98
Area: 367
Amount: 4.863147
Amount Units: ug/l




Manual Integration Results

RT: 5.07
Area: 1414
Amount: 24.938775
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 20:58:27
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

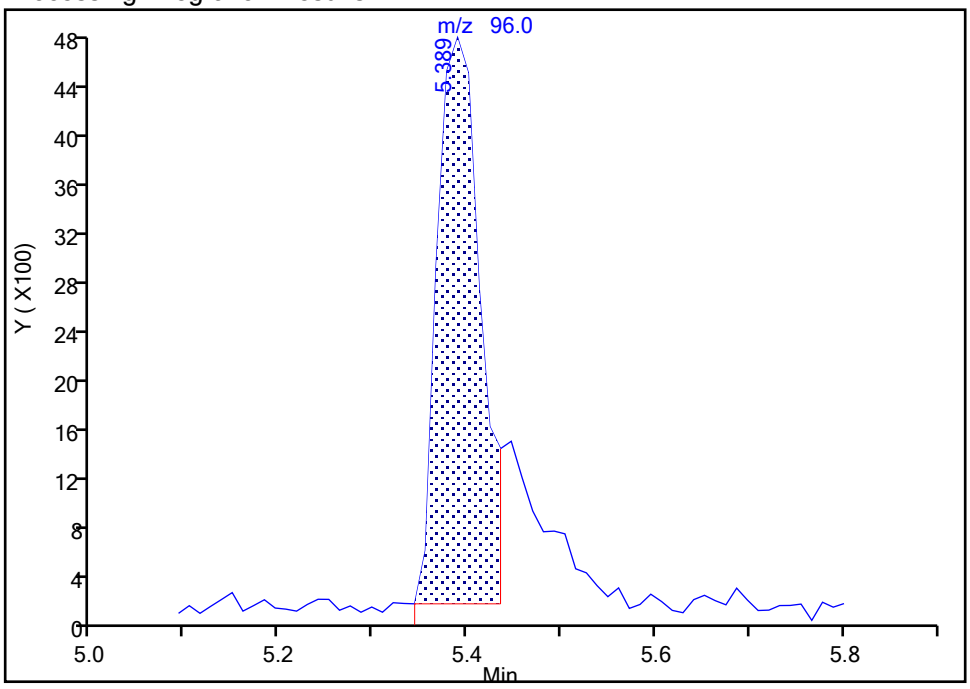
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## * 68 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

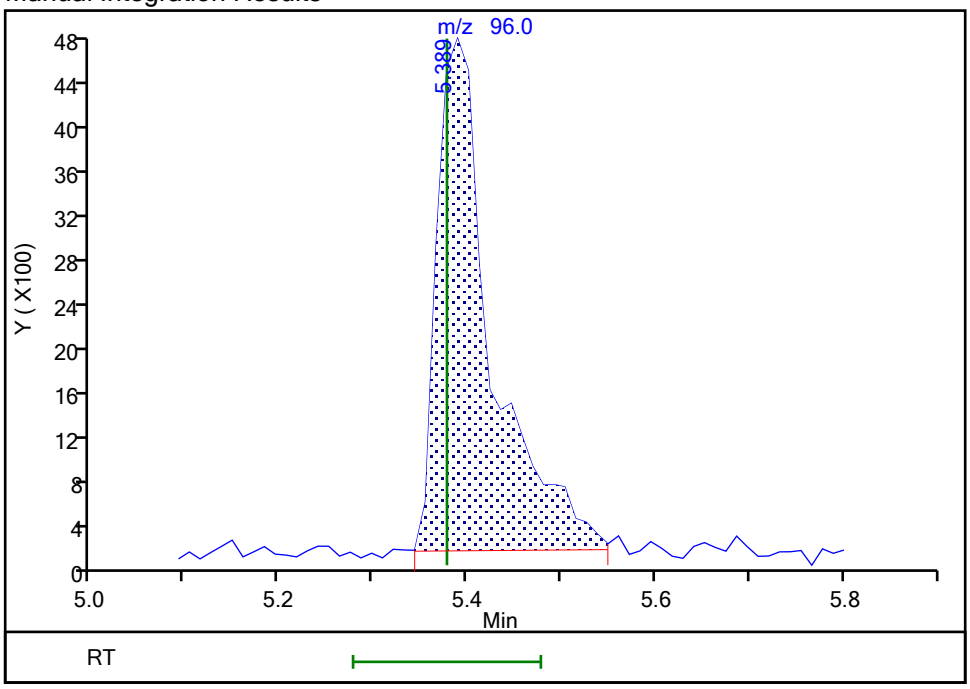
Processing Integration Results

RT: 5.39
Area: 14844
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.39
Area: 18680
Amount: 1000.0000
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 07:41:49
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

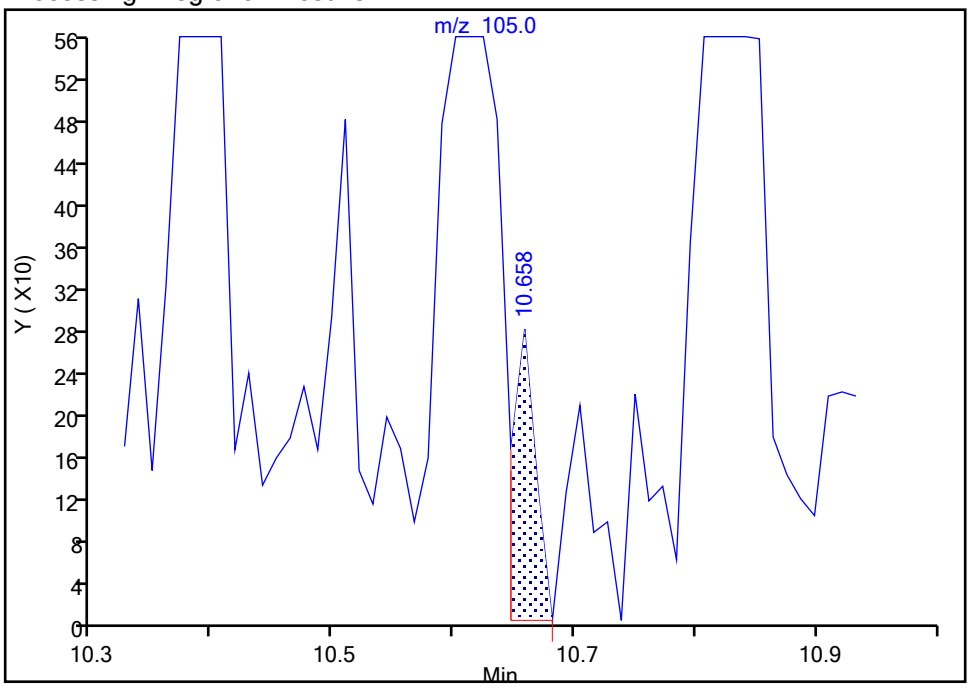
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07733.D
Injection Date: 20-Sep-2021 13:15:30 Instrument ID: CVOAMS7
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

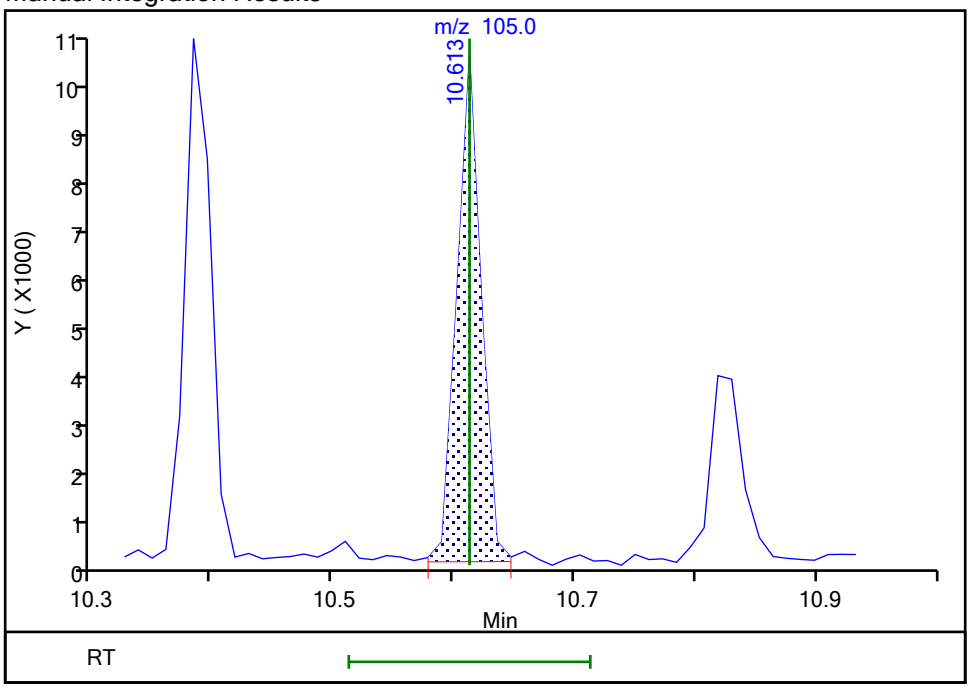
Processing Integration Results

RT: 10.66
Area: 385
Amount: 0.029821
Amount Units: ug/l




Manual Integration Results

RT: 10.61
Area: 14196
Amount: 0.907799
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:36:56
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07734.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 20-Sep-2021 13:37:30 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0134774-006
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2021 08:58:12 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1676

First Level Reviewer: kluseys Date: 20-Sep-2021 14:50:22

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 70 | 2176 | 5.00 | 5.21 | |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 93 | 10029 | 5.00 | 4.72 | |
| 4 1,1-Difluoroethane | 65 | 1.286 | 1.275 | 0.011 | 63 | 10076 | 5.00 | 4.80 | |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 98 | 19721 | 5.00 | 4.09 | |
| 2 Chlorodifluoromethane | 67 | 1.309 | 1.309 | 0.000 | 99 | 4656 | 5.00 | 5.25 | |
| 6 Chloromethane | 50 | 1.446 | 1.435 | 0.011 | 99 | 21580 | 5.00 | 4.55 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 98 | 25301 | 5.00 | 4.51 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 94 | 23453 | 5.00 | 4.36 | |
| 9 Bromomethane | 94 | 1.732 | 1.720 | 0.012 | 96 | 18440 | 5.00 | 4.95 | |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 98 | 17528 | 5.00 | 4.85 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 97 | 31976 | 5.00 | 4.28 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 98 | 28551 | 5.00 | 4.15 | |
| 13 Pentane | 72 | 1.960 | 1.960 | 0.000 | 95 | 6995 | 10.0 | 8.51 | |
| 17 Ethanol | 46 | 2.075 | 2.075 | 0.000 | 95 | 3545 | 200.0 | 164.1 | |
| 14 Ethyl ether | 74 | 2.109 | 2.109 | 0.000 | 91 | 11653 | 5.00 | 4.57 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 95 | 18045 | 5.00 | 4.50 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 92 | 17900 | 5.00 | 4.68 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 96 | 28921 | 5.00 | 4.81 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 97 | 17794 | 5.00 | 4.31 | |
| 52 Acrolein | 56 | 2.258 | 2.258 | 0.000 | 61 | 6538 | 20.3 | 14.6 | |
| 20 1,1-Dichloroethene | 96 | 2.292 | 2.280 | 0.012 | 97 | 17646 | 5.00 | 4.45 | |
| 23 Acetone | 43 | 2.349 | 2.349 | 0.000 | 86 | 35676 | 25.0 | 23.1 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 98 | 17031 | 5.00 | 2.86 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 81 | 14987 | 50.0 | 58.4 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 100 | 55853 | 5.00 | 4.65 | |
| 30 Methyl acetate | 43 | 2.555 | 2.543 | 0.012 | 98 | 33435 | 10.0 | 9.67 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 87 | 11738 | 5.00 | 4.43 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 94 | 47305 | 5.00 | 4.48 | |
| 27 Acetonitrile | 41 | 2.601 | 2.600 | 0.001 | 95 | 23934 | 50.0 | 54.7 | |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 37964 | 1000.0 | 1000.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 92 | 20259 | 5.00 | 4.33 | |
| 31 2-Methyl-2-propanol | 59 | 2.681 | 2.680 | 0.001 | 98 | 26325 | 50.0 | 48.0 | |
| 32 Methyl tert-butyl ether | 73 | 2.783 | 2.772 | 0.011 | 96 | 61328 | 5.00 | 4.83 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 92 | 19611 | 5.00 | 4.18 | |
| 35 Acrylonitrile | 53 | 2.875 | 2.886 | -0.011 | 91 | 86455 | 50.0 | 48.2 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 91 | 26673 | 5.00 | 4.51 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 93 | 57296 | 5.00 | 4.87 | |
| 40 Vinyl acetate | 86 | 3.172 | 3.161 | 0.012 | 99 | 9106 | 10.0 | 9.85 | |
| 38 1,1-Dichloroethane | 63 | 3.161 | 3.161 | 0.001 | 98 | 36695 | 5.00 | 4.65 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.206 | 3.206 | 0.000 | 92 | 19790 | 5.00 | 4.67 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | 0.000 | 91 | 59864 | 5.00 | 4.81 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.595 | 0.000 | 99 | 238198 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 94 | 7705 | 5.00 | 4.39 | |
| 47 Ethyl acetate | 70 | 3.641 | 3.641 | 0.000 | 94 | 5878 | 10.0 | 9.34 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 98 | 15641 | 25.0 | 23.0 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 98 | 23845 | 5.00 | 4.64 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 99 | 18568 | 5.00 | 4.84 | |
| 48 Propionitrile | 54 | 3.766 | 3.766 | 0.000 | 98 | 37552 | 50.0 | 54.1 | |
| 50 Tetrahydrofuran | 72 | 3.858 | 3.846 | 0.012 | 82 | 7190 | 10.0 | 8.90 | |
| 49 Chlorobromomethane | 128 | 3.846 | 3.846 | 0.000 | 84 | 11594 | 5.00 | 4.69 | |
| 54 Methacrylonitrile | 67 | 3.869 | 3.858 | 0.011 | 91 | 101426 | 50.0 | 46.1 | |
| 51 Chloroform | 83 | 3.904 | 3.892 | 0.012 | 98 | 36765 | 5.00 | 4.58 | |
| 53 Cyclohexane | 84 | 4.018 | 4.018 | 0.000 | 91 | 31978 | 5.00 | 4.36 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 98 | 31674 | 5.00 | 4.31 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 97 | 131581 | 50.0 | 50.7 | |
| 57 Carbon tetrachloride | 117 | 4.155 | 4.155 | 0.000 | 94 | 27800 | 5.00 | 4.54 | |
| 58 1,1-Dichloropropene | 75 | 4.189 | 4.178 | 0.011 | 97 | 30205 | 5.00 | 4.76 | |
| 61 Isobutyl alcohol | 43 | 4.304 | 4.292 | 0.012 | 93 | 34425 | 125.0 | 124.6 | |
| 64 Isooctane | 57 | 4.338 | 4.338 | 0.000 | 98 | 53729 | 5.00 | 4.61 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 96 | 82056 | 5.00 | 4.71 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.395 | 0.000 | 97 | 140143 | 50.0 | 51.4 | |
| 66 Isopropyl acetate | 61 | 4.406 | 4.418 | -0.012 | 93 | 11555 | 5.00 | 5.66 | |
| 62 Tert-amyl methyl ether | 73 | 4.429 | 4.429 | 0.000 | 86 | 59955 | 5.00 | 4.51 | |
| 63 1,2-Dichloroethane | 62 | 4.464 | 4.463 | 0.001 | 95 | 26357 | 5.00 | 4.45 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 82 | 5680 | 5.00 | 4.30 | a |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 456015 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 5.001 | 4.978 | 0.023 | 87 | 10188 | 125.0 | 113.5 | |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 96 | 20697 | 5.00 | 4.23 | |
| 71 Ethyl acrylate | 99 | 5.149 | 5.138 | 0.011 | 95 | 4174 | 5.00 | 5.40 | |
| 72 Methylcyclohexane | 83 | 5.138 | 5.138 | 0.000 | 83 | 35604 | 5.00 | 4.49 | |
| 73 1,2-Dichloropropane | 63 | 5.321 | 5.321 | 0.000 | 88 | 20093 | 5.00 | 4.77 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.378 | 0.011 | 56 | 20718 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.401 | 5.389 | 0.012 | 87 | 13076 | 10.0 | 9.60 | |
| 78 1,4-Dioxane | 88 | 5.447 | 5.446 | 0.001 | 25 | 6050 | 100.0 | 103.0 | M |
| 77 n-Propyl acetate | 43 | 5.458 | 5.458 | 0.000 | 97 | 28086 | 5.00 | 4.61 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 63 | 13000 | 5.00 | 4.64 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 98 | 26002 | 5.00 | 4.52 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.984 | 5.972 | 0.012 | 68 | 13014 | 5.01 | 4.80 | |
| 34 2-Nitropropane | 41 | 5.972 | 5.972 | 0.000 | 90 | 17405 | 10.0 | 10.1 | |
| 80 Epichlorohydrin | 57 | 6.098 | 6.098 | 0.000 | 99 | 49160 | 100.0 | 97.1 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 93 | 33673 | 5.00 | 4.75 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.327 | 6.327 | 0.000 | 94 | 97515 | 25.0 | 23.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 99 | 556435 | 50.0 | 51.0 | |
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 95 | 87364 | 5.00 | 4.57 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 97 | 31092 | 5.00 | 4.74 | |
| 86 Ethyl methacrylate | 69 | 6.932 | 6.932 | 0.000 | 88 | 26665 | 5.00 | 5.02 | |
| 87 1,1,2-Trichloroethane | 83 | 7.138 | 7.138 | 0.000 | 97 | 16458 | 5.00 | 4.83 | |
| 88 Tetrachloroethene | 166 | 7.184 | 7.184 | 0.000 | 95 | 22587 | 5.00 | 4.55 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 92 | 31459 | 5.00 | 4.90 | |
| 91 2-Hexanone | 43 | 7.447 | 7.435 | 0.012 | 95 | 67681 | 25.0 | 24.8 | |
| 92 n-Butyl acetate | 43 | 7.584 | 7.584 | 0.000 | 97 | 29051 | 5.00 | 4.93 | |
| 90 Chlorodibromomethane | 129 | 7.630 | 7.630 | 0.000 | 97 | 19830 | 5.00 | 4.86 | |
| 93 Ethylene Dibromide | 107 | 7.790 | 7.790 | 0.000 | 97 | 21160 | 5.00 | 5.02 | |
| * 94 Chlorobenzene-d5 | 117 | 8.327 | 8.315 | 0.012 | 85 | 331665 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 56540 | 5.00 | 4.71 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 31794 | 5.00 | 4.97 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 95 | 20302 | 5.00 | 4.61 | |
| 98 m-Xylene & p-Xylene | 106 | 8.590 | 8.590 | 0.000 | 97 | 36431 | 5.00 | 4.59 | |
| 99 n-Butyl acrylate | 73 | 9.013 | 9.013 | 0.001 | 63 | 16575 | 5.00 | 4.72 | |
| 100 o-Xylene | 106 | 9.013 | 9.013 | 0.001 | 95 | 36237 | 5.00 | 4.73 | |
| 101 Styrene | 104 | 9.047 | 9.047 | 0.000 | 96 | 61161 | 5.00 | 4.86 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 92 | 32532 | 5.00 | 4.80 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | 0.000 | 95 | 14605 | 5.00 | 4.85 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 96 | 90995 | 5.00 | 4.76 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 163775 | 50.0 | 52.3 | |
| 107 Bromobenzene | 156 | 9.687 | 9.687 | 0.000 | 98 | 23400 | 5.00 | 4.48 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 97 | 24620 | 5.00 | 4.54 | |
| 109 N-Propylbenzene | 91 | 9.756 | 9.755 | 0.001 | 99 | 107463 | 5.00 | 4.66 | |
| 115 1,2,3-Trichloropropane | 110 | 9.790 | 9.778 | 0.012 | 97 | 8679 | 5.00 | 5.16 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 87 | 7214 | 5.00 | 4.49 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 96 | 69633 | 5.00 | 4.41 | |
| 113 4-Ethyltoluene | 105 | 9.870 | 9.870 | 0.000 | 98 | 89989 | 5.00 | 4.64 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 93 | 74862 | 5.00 | 4.59 | |
| 110 4-Chlorotoluene | 91 | 9.961 | 9.961 | 0.000 | 98 | 68530 | 5.00 | 4.74 | |
| 117 Butyl Methacrylate | 87 | 10.030 | 10.030 | 0.000 | 89 | 23440 | 5.00 | 4.47 | |
| 118 tert-Butylbenzene | 119 | 10.201 | 10.201 | 0.000 | 95 | 65976 | 5.00 | 4.73 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 98 | 74861 | 5.00 | 4.55 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 99 | 88308 | 5.00 | 4.53 | |
| 122 1,3-Dichlorobenzene | 146 | 10.521 | 10.510 | 0.011 | 97 | 43231 | 5.00 | 4.36 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 97 | 77168 | 5.00 | 4.36 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 94 | 168835 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.601 | 10.601 | 0.000 | 96 | 44432 | 5.00 | 4.45 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 99 | 76920 | 5.00 | 4.50 | |
| 125 Benzyl chloride | 91 | 10.716 | 10.716 | 0.000 | 99 | 48308 | 5.00 | 4.66 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 94 | 75501 | 5.00 | 4.57 | |
| 126 p-Diethylbenzene | 119 | 10.818 | 10.818 | 0.000 | 94 | 37837 | 5.00 | 4.24 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 97 | 36148 | 5.00 | 4.33 | |
| 128 1,2-Dichlorobenzene | 146 | 10.898 | 10.898 | 0.000 | 96 | 42221 | 5.00 | 4.52 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 98 | 62789 | 5.00 | 4.39 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 96 | 6827 | 5.00 | 4.68 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 96 | 28025 | 5.00 | 4.27 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | 0.000 | 92 | 24620 | 5.00 | 4.03 | |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 95 | 10579 | 5.00 | 4.55 | |
| 134 Naphthalene | 128 | 12.281 | 12.281 | 0.000 | 99 | 65383 | 5.00 | 4.11 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 96 | 23757 | 5.00 | 4.10 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 8.81 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 10.0 | 9.32 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 10.0 | 9.49 | |
| S 139 Total BTEX | 1 | | | | 0 | | 25.0 | 23.6 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00130 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 10.00 | Units: uL | |
| GASES Li_00439 | Amount Added: | 10.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 10.00 | Units: uL | |
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 21-Sep-2021 08:58:12 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07734.D

Injection Date: 20-Sep-2021 13:37:30 Instrument ID: CVOAMS7

Lims ID: STD5

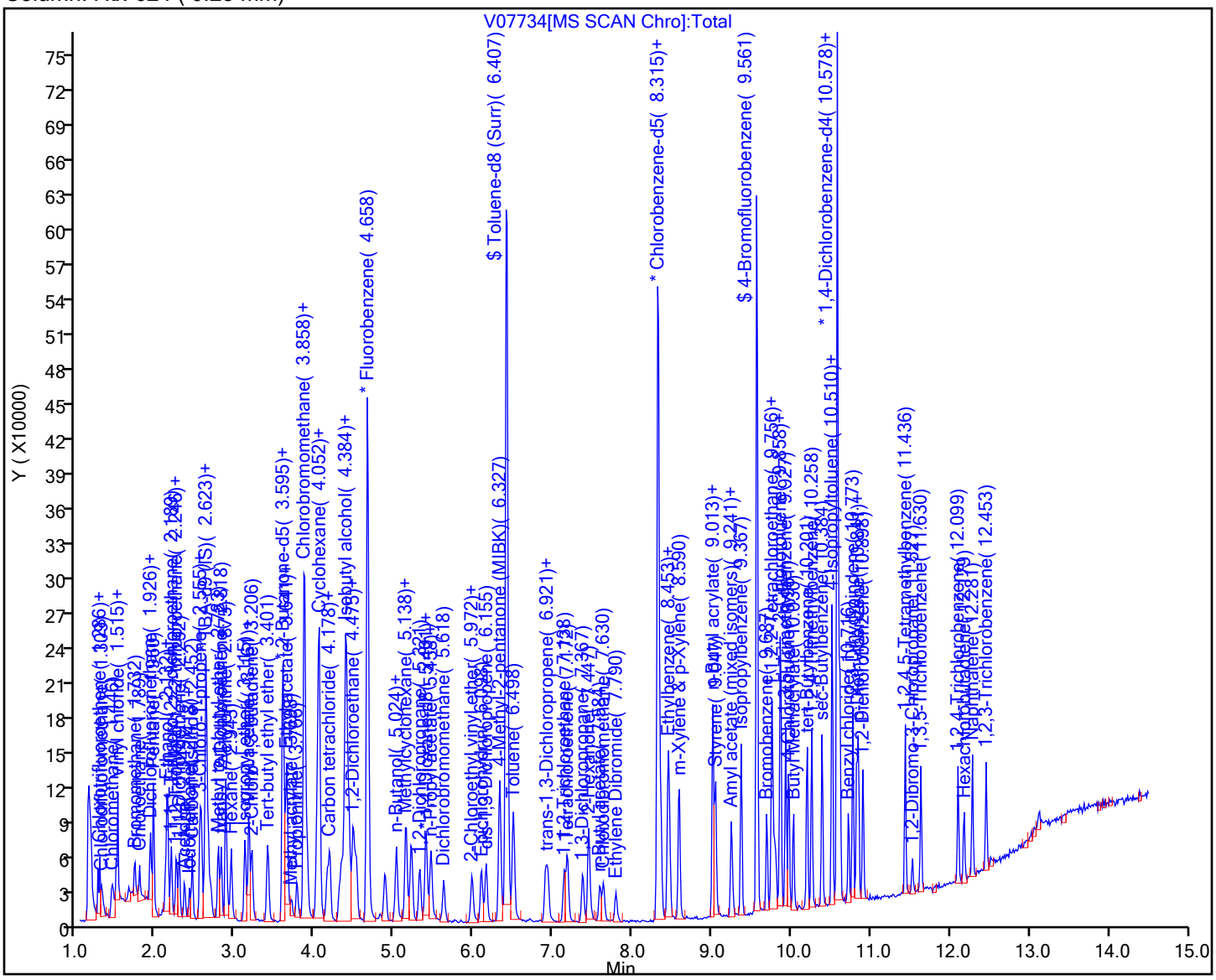
Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

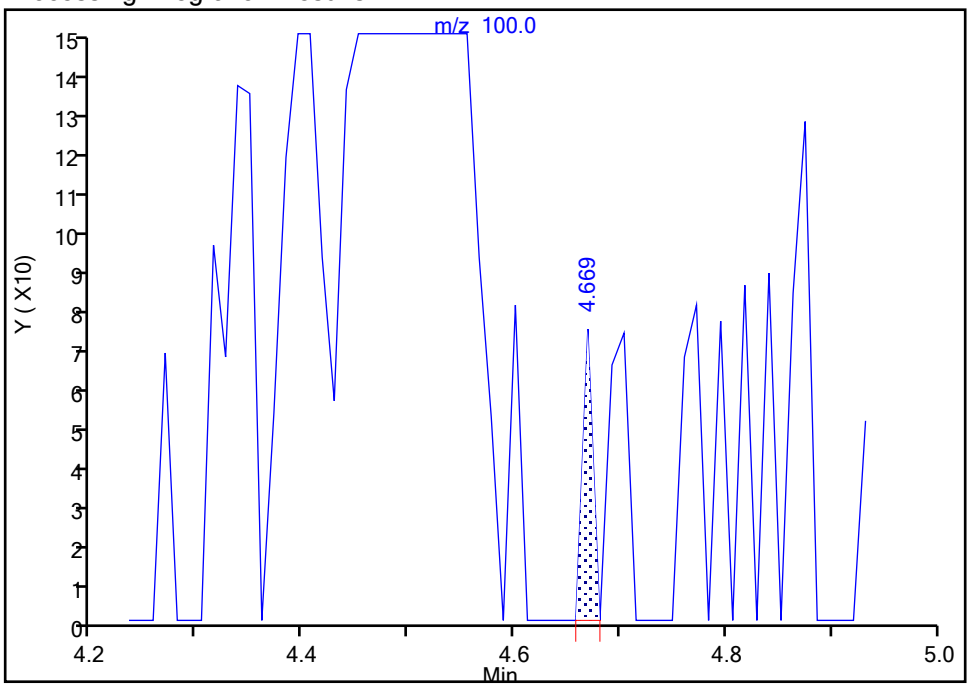
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07734.D
Injection Date: 20-Sep-2021 13:37:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

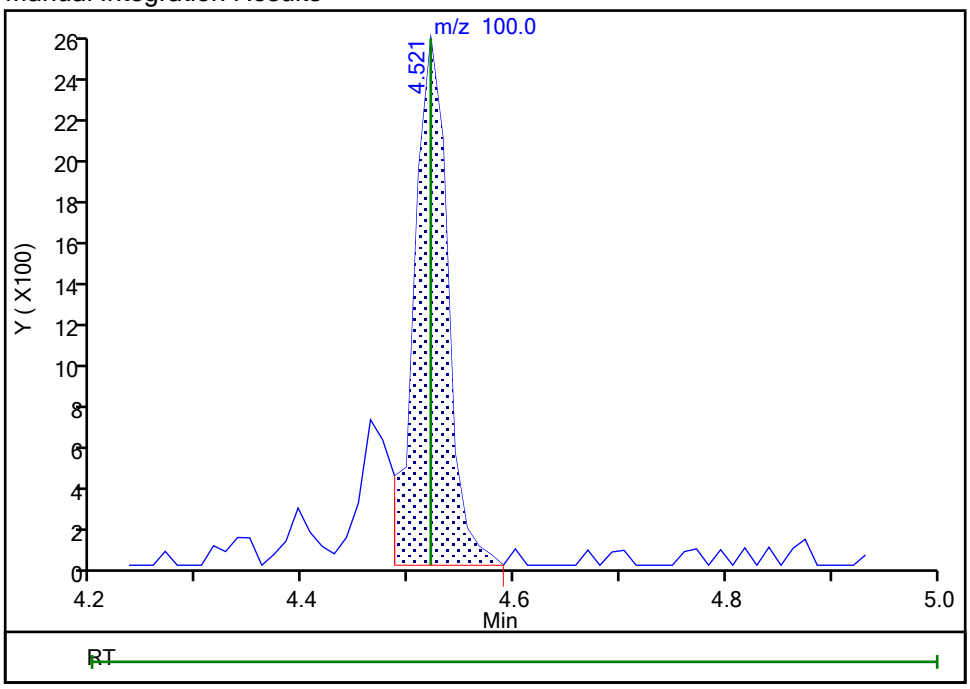
Processing Integration Results

RT: 4.67
Area: 50
Amount: 0.130725
Amount Units: ug/l




Manual Integration Results

RT: 4.52
Area: 5680
Amount: 4.296525
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:50:03
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

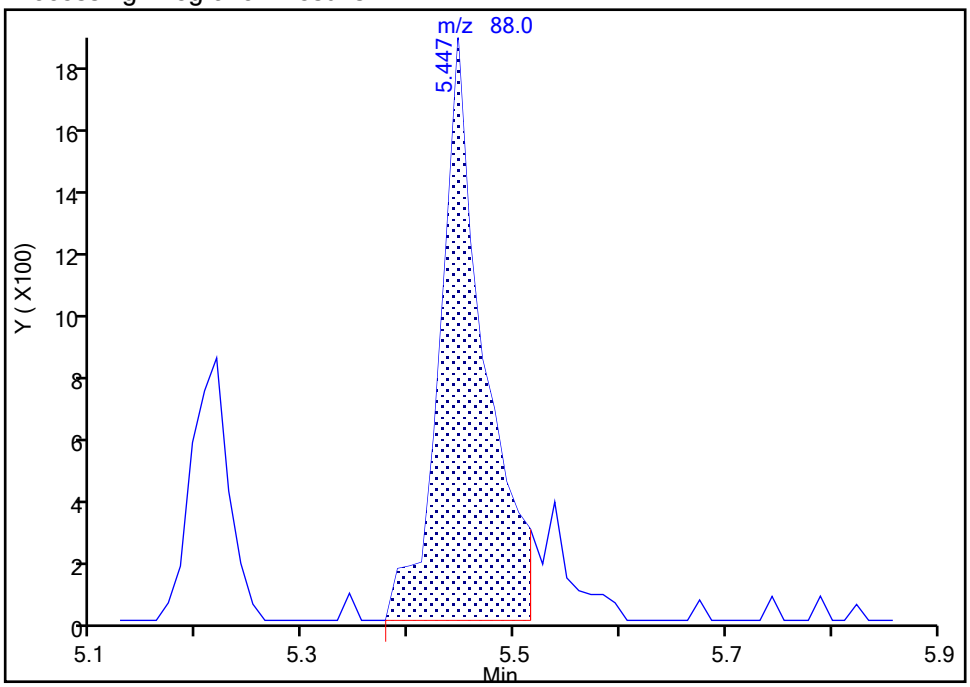
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07734.D
Injection Date: 20-Sep-2021 13:37:30 Instrument ID: CVOAMS7
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

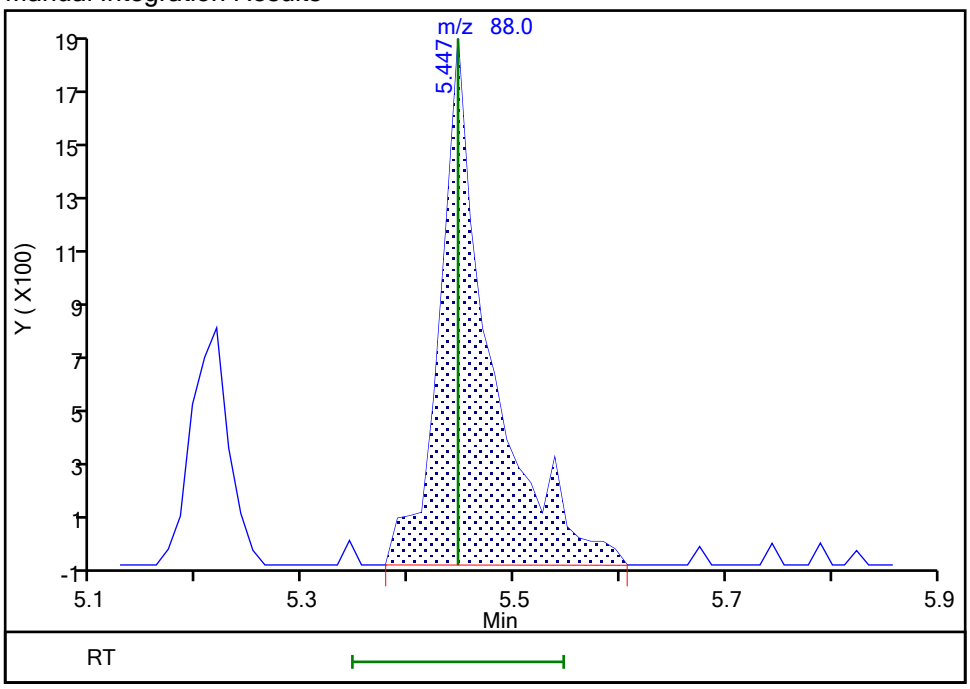
Processing Integration Results

RT: 5.45
Area: 5364
Amount: 92.867460
Amount Units: ug/l




Manual Integration Results

RT: 5.45
Area: 6050
Amount: 102.9967
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 07:44:50
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07735.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 20-Sep-2021 13:58:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0134774-007
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2021 08:58:20 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1676

First Level Reviewer: kluseys Date: 20-Sep-2021 14:50:42

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 84 | 8998 | 20.0 | 20.3 | M |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 86 | 41920 | 20.0 | 18.7 | M |
| 4 1,1-Difluoroethane | 65 | 1.275 | 1.275 | 0.000 | 93 | 42285 | 20.0 | 18.9 | |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 98 | 102442 | 20.0 | 20.0 | |
| 2 Chlorodifluoromethane | 67 | 1.309 | 1.309 | 0.000 | 99 | 18645 | 20.0 | 19.8 | |
| 6 Chloromethane | 50 | 1.435 | 1.435 | 0.000 | 99 | 95375 | 20.0 | 18.9 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 97 | 123067 | 20.0 | 20.6 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 96 | 111416 | 20.0 | 19.5 | M |
| 9 Bromomethane | 94 | 1.720 | 1.720 | 0.000 | 99 | 82976 | 20.0 | 21.0 | |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 98 | 76812 | 20.0 | 20.0 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 97 | 150161 | 20.0 | 18.9 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 98 | 141548 | 20.0 | 19.3 | |
| 13 Pentane | 72 | 1.960 | 1.960 | 0.000 | 95 | 33098 | 40.0 | 37.9 | |
| 17 Ethanol | 46 | 2.075 | 2.075 | 0.000 | 98 | 15850 | 800.0 | 745.4 | |
| 14 Ethyl ether | 74 | 2.109 | 2.109 | 0.000 | 94 | 50105 | 20.0 | 18.5 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 98 | 80231 | 20.0 | 18.8 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 92 | 79726 | 20.0 | 19.6 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 98 | 127206 | 20.0 | 19.9 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 97 | 83337 | 20.0 | 19.0 | |
| 52 Acrolein | 56 | 2.258 | 2.258 | 0.000 | 97 | 16786 | 40.6 | 38.2 | |
| 20 1,1-Dichloroethene | 96 | 2.280 | 2.280 | 0.000 | 98 | 83680 | 20.0 | 19.8 | |
| 23 Acetone | 43 | 2.349 | 2.349 | 0.000 | 86 | 140553 | 100.0 | 88.7 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 97 | 80858 | 20.0 | 12.8 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 68 | 53389 | 200.0 | 211.4 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 99 | 253474 | 20.0 | 20.8 | |
| 30 Methyl acetate | 43 | 2.543 | 2.543 | 0.000 | 97 | 141081 | 40.0 | 38.4 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 89 | 54634 | 20.0 | 19.4 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 92 | 223953 | 20.0 | 20.0 | a |
| 27 Acetonitrile | 41 | 2.600 | 2.600 | 0.000 | 99 | 94725 | 200.0 | 210.9 | a |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 37365 | 1000.0 | 1000.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 90 | 86252 | 20.0 | 17.3 | |
| 31 2-Methyl-2-propanol | 59 | 2.680 | 2.680 | 0.000 | 99 | 105096 | 200.0 | 203.8 | |
| 32 Methyl tert-butyl ether | 73 | 2.772 | 2.772 | 0.000 | 96 | 259236 | 20.0 | 19.2 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 94 | 92399 | 20.0 | 18.5 | |
| 35 Acrylonitrile | 53 | 2.863 | 2.863 | 0.000 | 92 | 378549 | 200.0 | 198.6 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 91 | 123231 | 20.0 | 19.6 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 96 | 249523 | 20.0 | 20.0 | |
| 40 Vinyl acetate | 86 | 3.161 | 3.161 | 0.000 | 99 | 39595 | 40.0 | 41.7 | |
| 38 1,1-Dichloroethane | 63 | 3.161 | 3.161 | 0.000 | 67 | 160646 | 20.0 | 19.2 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.206 | 3.206 | 0.000 | 91 | 89221 | 20.0 | 19.8 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | 0.000 | 90 | 261202 | 20.0 | 19.8 | |
| * 42 2-Butanone-d5 | 46 | 3.583 | 3.583 | 0.000 | 100 | 244361 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 96 | 34263 | 20.0 | 18.4 | |
| 47 Ethyl acetate | 70 | 3.641 | 3.641 | 0.000 | 93 | 24170 | 40.0 | 37.4 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 96 | 65315 | 100.0 | 93.4 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 55 | 97746 | 20.0 | 17.9 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 99 | 81274 | 20.0 | 19.9 | |
| 48 Propionitrile | 54 | 3.766 | 3.766 | 0.000 | 98 | 140807 | 200.0 | 190.8 | |
| 50 Tetrahydrofuran | 72 | 3.846 | 3.846 | 0.000 | 91 | 31186 | 40.0 | 36.3 | |
| 49 Chlorobromomethane | 128 | 3.846 | 3.846 | 0.000 | 86 | 48934 | 20.0 | 18.6 | |
| 54 Methacrylonitrile | 67 | 3.858 | 3.858 | 0.000 | 91 | 450264 | 200.0 | 192.4 | |
| 51 Chloroform | 83 | 3.892 | 3.892 | 0.000 | 98 | 157981 | 20.0 | 18.5 | |
| 53 Cyclohexane | 84 | 4.018 | 4.018 | 0.000 | 89 | 153937 | 20.0 | 19.7 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 98 | 150459 | 20.0 | 19.3 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 96 | 132468 | 50.0 | 48.0 | |
| 57 Carbon tetrachloride | 117 | 4.155 | 4.155 | 0.000 | 97 | 124944 | 20.0 | 19.2 | |
| 58 1,1-Dichloropropene | 75 | 4.178 | 4.178 | 0.000 | 96 | 131633 | 20.0 | 19.5 | |
| 61 Isobutyl alcohol | 43 | 4.292 | 4.292 | 0.000 | 96 | 144731 | 500.0 | 532.4 | |
| 64 Isooctane | 57 | 4.338 | 4.338 | 0.000 | 99 | 244556 | 20.0 | 19.8 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 97 | 367624 | 20.0 | 19.8 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.395 | 0.000 | 96 | 139940 | 50.0 | 48.2 | |
| 66 Isopropyl acetate | 61 | 4.418 | 4.418 | 0.000 | 96 | 42362 | 20.0 | 20.0 | |
| 62 Tert-amyl methyl ether | 73 | 4.429 | 4.429 | 0.000 | 88 | 283766 | 20.0 | 20.1 | |
| 63 1,2-Dichloroethane | 62 | 4.463 | 4.463 | 0.000 | 98 | 117876 | 20.0 | 18.7 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 93 | 25564 | 20.0 | 18.2 | a |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 484771 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 4.978 | 4.978 | 0.000 | 87 | 48037 | 500.0 | 516.5 | |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 97 | 95660 | 20.0 | 18.4 | |
| 71 Ethyl acrylate | 99 | 5.138 | 5.138 | 0.000 | 95 | 16414 | 20.0 | 20.0 | |
| 72 Methylcyclohexane | 83 | 5.138 | 5.138 | 0.000 | 82 | 163396 | 20.0 | 19.4 | |
| 73 1,2-Dichloropropane | 63 | 5.321 | 5.321 | 0.000 | 89 | 88303 | 20.0 | 19.7 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.389 | 0.000 | 45 | 23243 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.389 | 5.389 | 0.000 | 86 | 57217 | 40.0 | 39.5 | |
| 78 1,4-Dioxane | 88 | 5.446 | 5.446 | 0.000 | 29 | 21812 | 400.0 | 331.0 | |
| 77 n-Propyl acetate | 43 | 5.458 | 5.458 | 0.000 | 98 | 131467 | 20.0 | 20.3 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 95 | 57301 | 20.0 | 19.2 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 99 | 117473 | 20.0 | 19.2 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.972 | 5.972 | 0.000 | 88 | 57546 | 20.0 | 19.9 | |
| 34 2-Nitropropane | 41 | 5.972 | 5.972 | 0.000 | 93 | 63870 | 40.0 | 34.9 | |
| 80 Epichlorohydrin | 57 | 6.087 | 6.087 | 0.000 | 99 | 210837 | 400.0 | 406.0 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 92 | 149961 | 20.0 | 19.8 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.327 | 6.327 | 0.000 | 95 | 429433 | 100.0 | 101.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 98 | 593857 | 50.0 | 51.0 | |
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 93 | 393841 | 20.0 | 19.3 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 96 | 138125 | 20.0 | 19.7 | |
| 86 Ethyl methacrylate | 69 | 6.932 | 6.932 | 0.000 | 87 | 115675 | 20.0 | 20.4 | |
| 87 1,1,2-Trichloroethane | 83 | 7.138 | 7.138 | 0.000 | 94 | 66670 | 20.0 | 18.3 | |
| 88 Tetrachloroethene | 166 | 7.184 | 7.184 | 0.000 | 96 | 105183 | 20.0 | 19.9 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 93 | 139211 | 20.0 | 20.3 | |
| 91 2-Hexanone | 43 | 7.435 | 7.435 | 0.000 | 95 | 293481 | 100.0 | 105.0 | |
| 92 n-Butyl acetate | 43 | 7.584 | 7.584 | 0.000 | 97 | 127367 | 20.0 | 20.3 | |
| 90 Chlorodibromomethane | 129 | 7.630 | 7.630 | 0.000 | 98 | 87320 | 20.0 | 20.1 | |
| 93 Ethylene Dibromide | 107 | 7.790 | 7.790 | 0.000 | 98 | 86692 | 20.0 | 19.3 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 85 | 353718 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 255853 | 20.0 | 20.0 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 136751 | 20.0 | 20.0 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 94 | 90010 | 20.0 | 19.2 | |
| 98 m-Xylene & p-Xylene | 106 | 8.590 | 8.590 | 0.000 | 95 | 167058 | 20.0 | 19.7 | |
| 99 n-Butyl acrylate | 73 | 9.013 | 9.013 | 0.000 | 64 | 71819 | 20.0 | 19.2 | |
| 100 o-Xylene | 106 | 9.013 | 9.013 | 0.000 | 94 | 162736 | 20.0 | 19.9 | |
| 101 Styrene | 104 | 9.047 | 9.047 | 0.000 | 96 | 274532 | 20.0 | 20.5 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 93 | 140047 | 20.0 | 19.4 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | 0.000 | 97 | 63391 | 20.0 | 19.7 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 96 | 420526 | 20.0 | 20.6 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 172294 | 50.0 | 51.6 | |
| 107 Bromobenzene | 156 | 9.687 | 9.687 | 0.000 | 97 | 103925 | 20.0 | 18.7 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 98 | 110426 | 20.0 | 19.1 | |
| 109 N-Propylbenzene | 91 | 9.755 | 9.755 | 0.000 | 99 | 493650 | 20.0 | 20.1 | |
| 115 1,2,3-Trichloropropane | 110 | 9.778 | 9.778 | 0.000 | 96 | 33571 | 20.0 | 19.6 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 91 | 33751 | 20.0 | 19.7 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 97 | 323571 | 20.0 | 19.2 | |
| 113 4-Ethyltoluene | 105 | 9.870 | 9.870 | 0.000 | 98 | 408564 | 20.0 | 19.7 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 93 | 343797 | 20.0 | 19.7 | |
| 110 4-Chlorotoluene | 91 | 9.961 | 9.961 | 0.000 | 98 | 299339 | 20.0 | 19.4 | |
| 117 Butyl Methacrylate | 87 | 10.030 | 10.030 | 0.000 | 88 | 112063 | 20.0 | 20.0 | |
| 118 tert-Butylbenzene | 119 | 10.201 | 10.201 | 0.000 | 95 | 295431 | 20.0 | 19.9 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 97 | 334825 | 20.0 | 19.1 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 99 | 424686 | 20.0 | 20.4 | |
| 122 1,3-Dichlorobenzene | 146 | 10.510 | 10.510 | 0.000 | 96 | 193863 | 20.0 | 18.3 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 98 | 372827 | 20.0 | 19.7 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 94 | 180192 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.601 | 10.601 | 0.000 | 96 | 194781 | 20.0 | 18.3 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 98 | 350499 | 20.0 | 19.2 | |
| 125 Benzyl chloride | 91 | 10.716 | 10.716 | 0.000 | 99 | 222796 | 20.0 | 20.1 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 94 | 349680 | 20.0 | 19.8 | |
| 126 p-Diethylbenzene | 119 | 10.818 | 10.818 | 0.000 | 93 | 183255 | 20.0 | 19.2 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 98 | 172012 | 20.0 | 19.3 | |
| 128 1,2-Dichlorobenzene | 146 | 10.898 | 10.898 | 0.000 | 96 | 182718 | 20.0 | 18.3 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 98 | 286841 | 20.0 | 18.8 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 95 | 28813 | 20.0 | 18.5 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 97 | 130909 | 20.0 | 18.7 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | 0.000 | 93 | 115575 | 20.0 | 17.7 | |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 96 | 45908 | 20.0 | 18.5 | |
| 134 Naphthalene | 128 | 12.281 | 12.281 | 0.000 | 99 | 286475 | 20.0 | 16.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 96 | 109120 | 20.0 | 17.7 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 36.4 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 39.7 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 40.0 | 39.6 | |
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 98.8 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00130 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 20.00 | Units: uL | |
| GASES Li_00439 | Amount Added: | 20.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 21-Sep-2021 08:58:20 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07735.D

Injection Date: 20-Sep-2021 13:58:30 Instrument ID: CVOAMS7

Lims ID: STD20

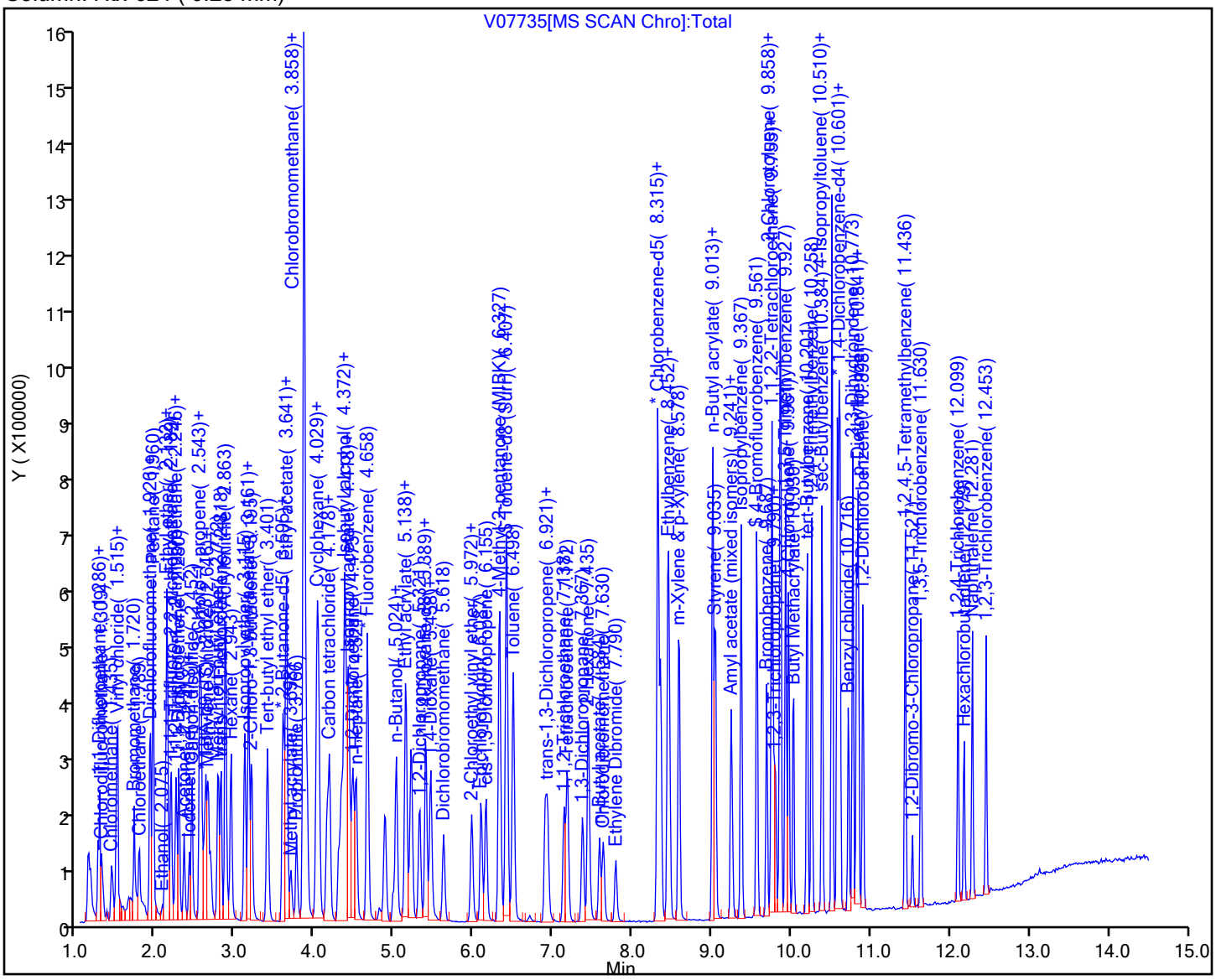
Client ID:

Operator ID: ALS Bottle#: 56 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

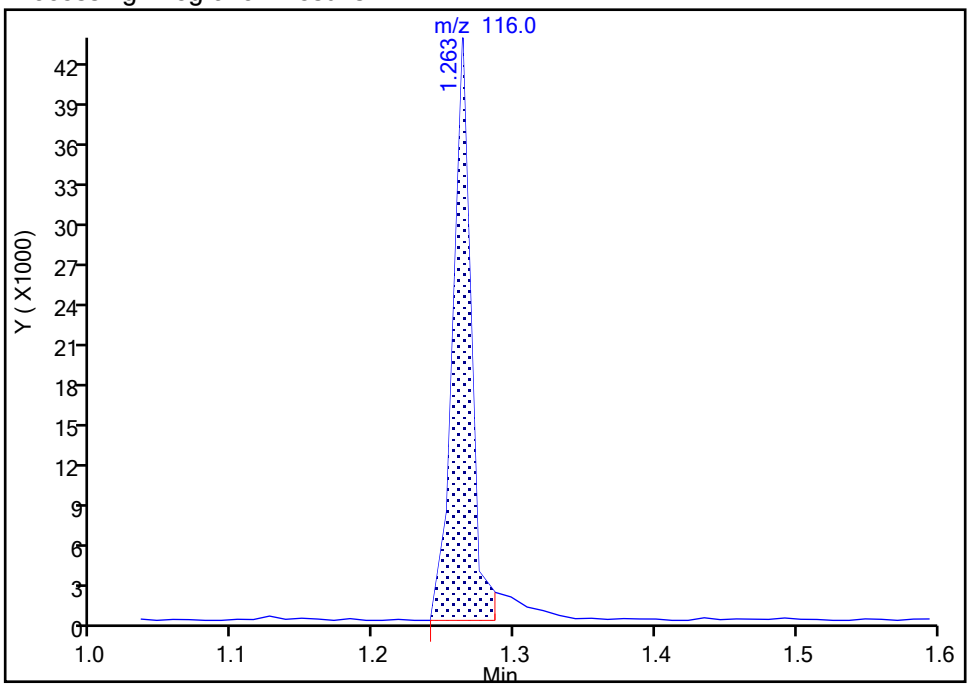
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07735.D
Injection Date: 20-Sep-2021 13:58:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

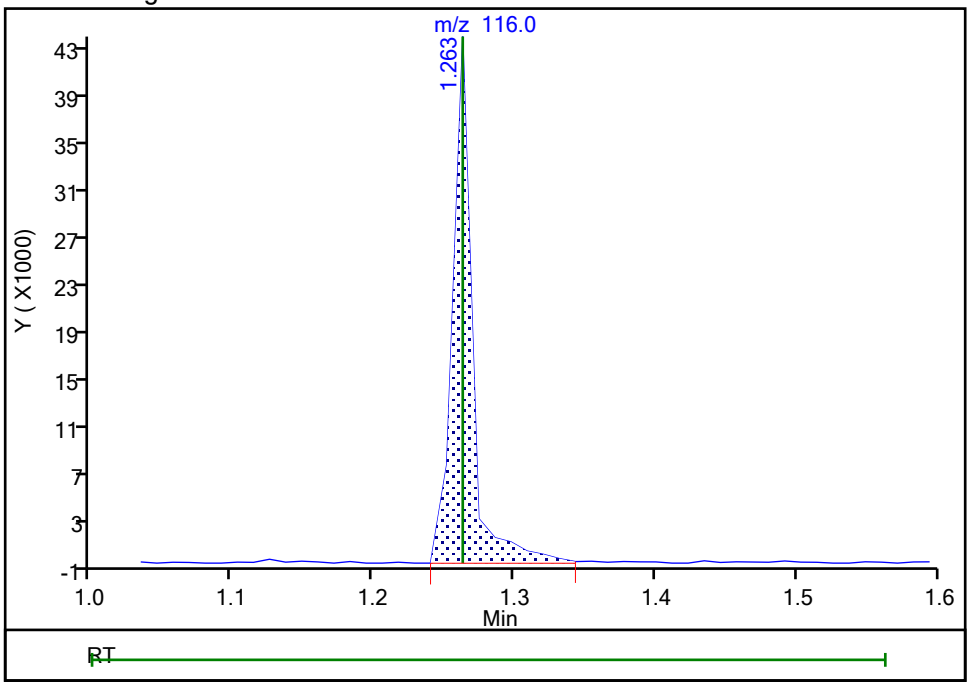
Processing Integration Results

RT: 1.26
Area: 39141
Amount: 17.453171
Amount Units: ug/l




Manual Integration Results

RT: 1.26
Area: 41920
Amount: 18.677655
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 08:16:52
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

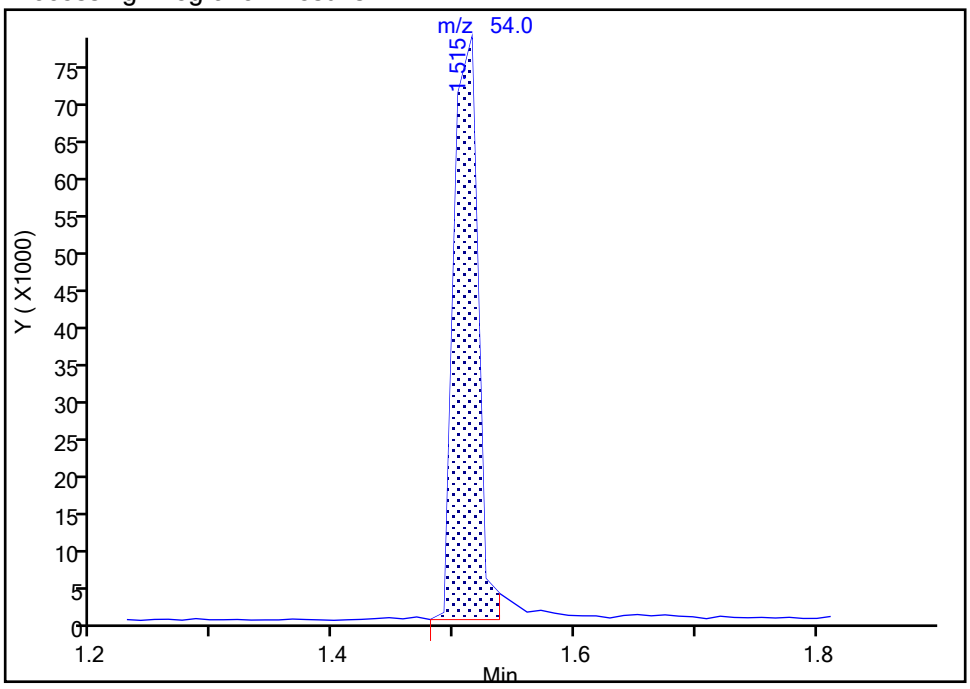
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07735.D
Injection Date: 20-Sep-2021 13:58:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 8 Butadiene, CAS: 106-99-0

Signal: 1

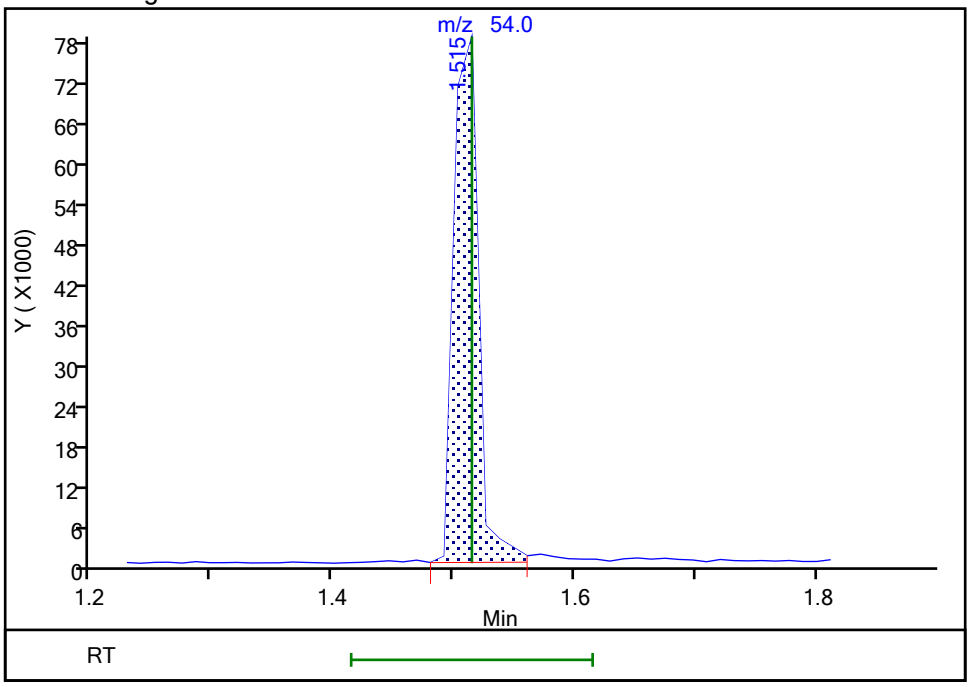
Processing Integration Results

RT: 1.51
Area: 109305
Amount: 19.324449
Amount Units: ug/l




Manual Integration Results

RT: 1.51
Area: 111416
Amount: 19.484379
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 07:45:43
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

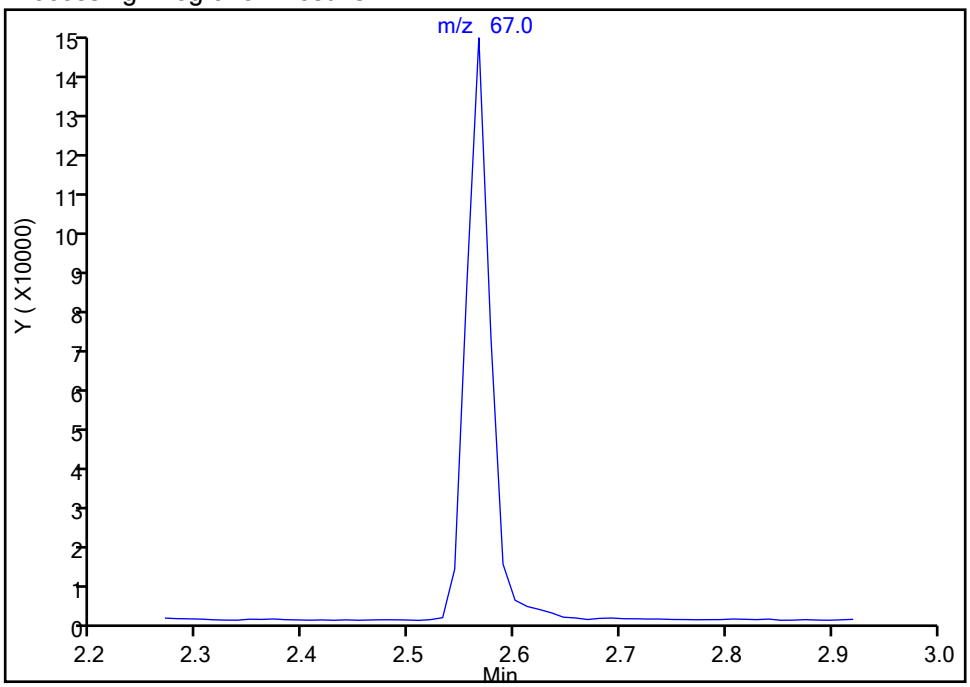
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07735.D
Injection Date: 20-Sep-2021 13:58:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 25 Cyclopentene, CAS: 142-29-0

Signal: 1

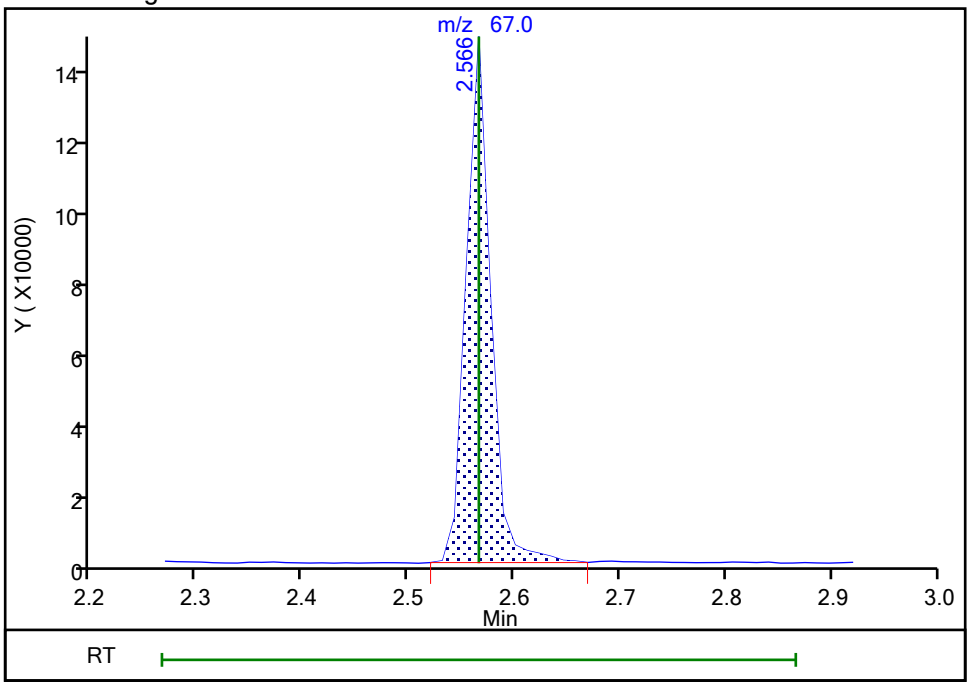
Not Detected
Expected RT: 2.57

Processing Integration Results




Manual Integration Results

RT: 2.57
Area: 223953
Amount: 19.973355
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:53:09
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

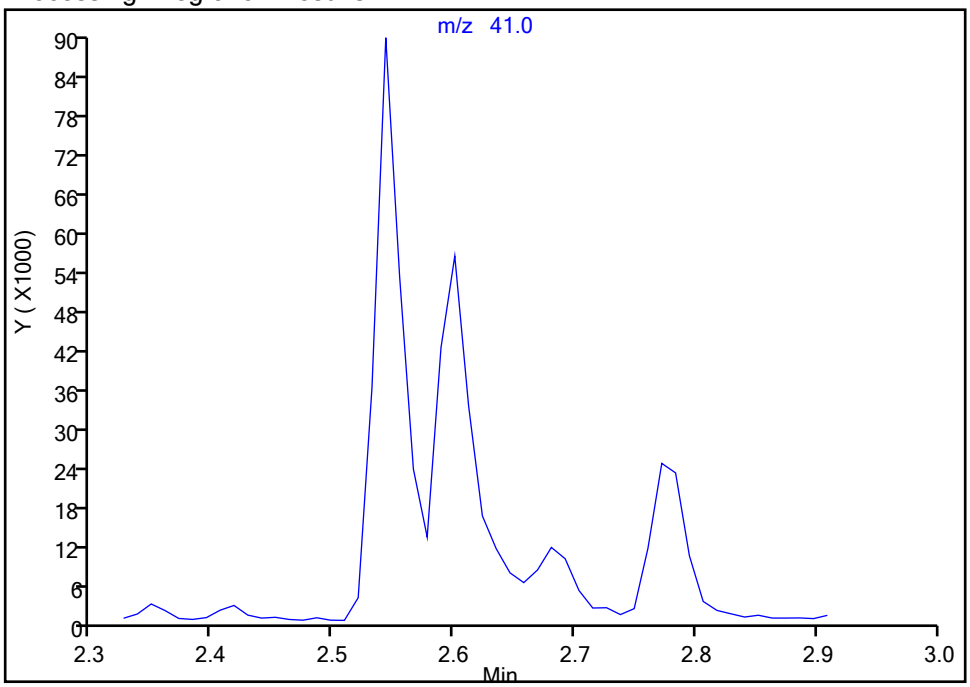
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07735.D
Injection Date: 20-Sep-2021 13:58:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

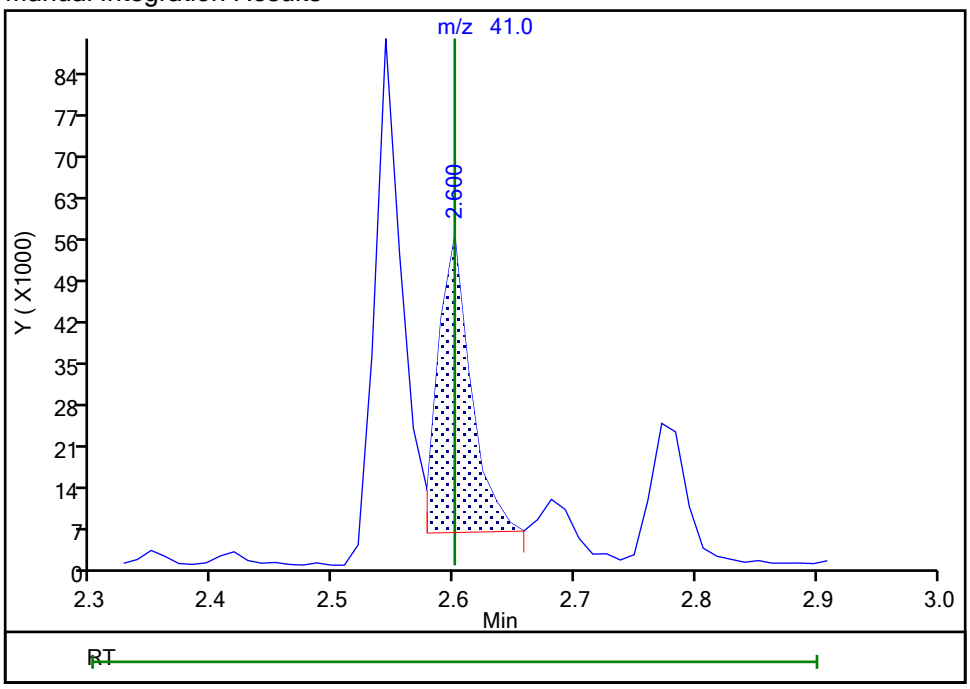
Not Detected
Expected RT: 2.60

Processing Integration Results




Manual Integration Results

RT: 2.60
Area: 94725
Amount: 210.9049
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:53:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

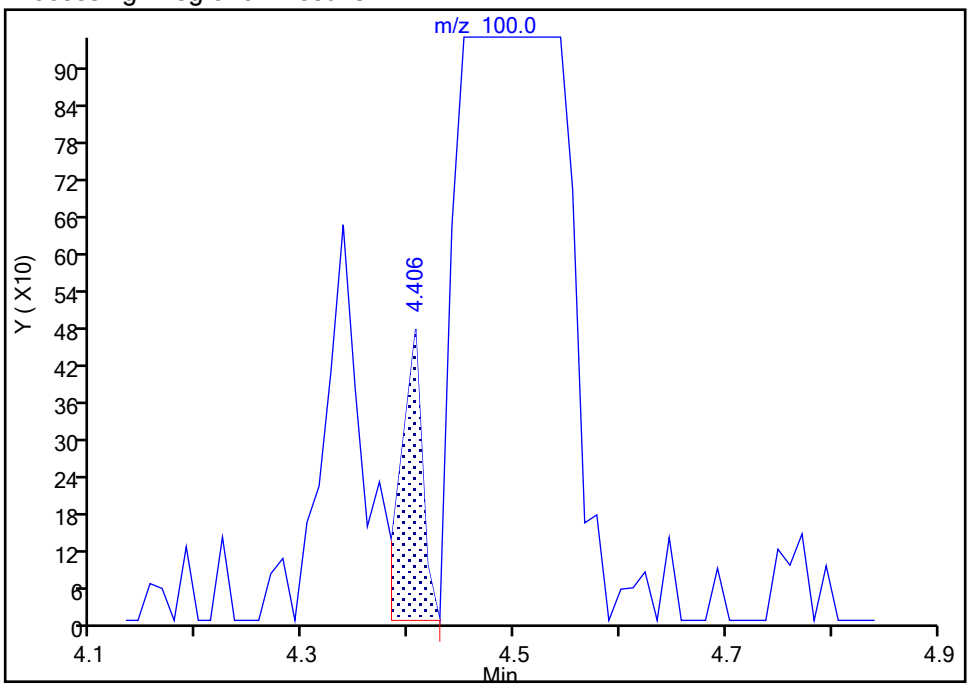
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07735.D
Injection Date: 20-Sep-2021 13:58:30 Instrument ID: CVOAMS7
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

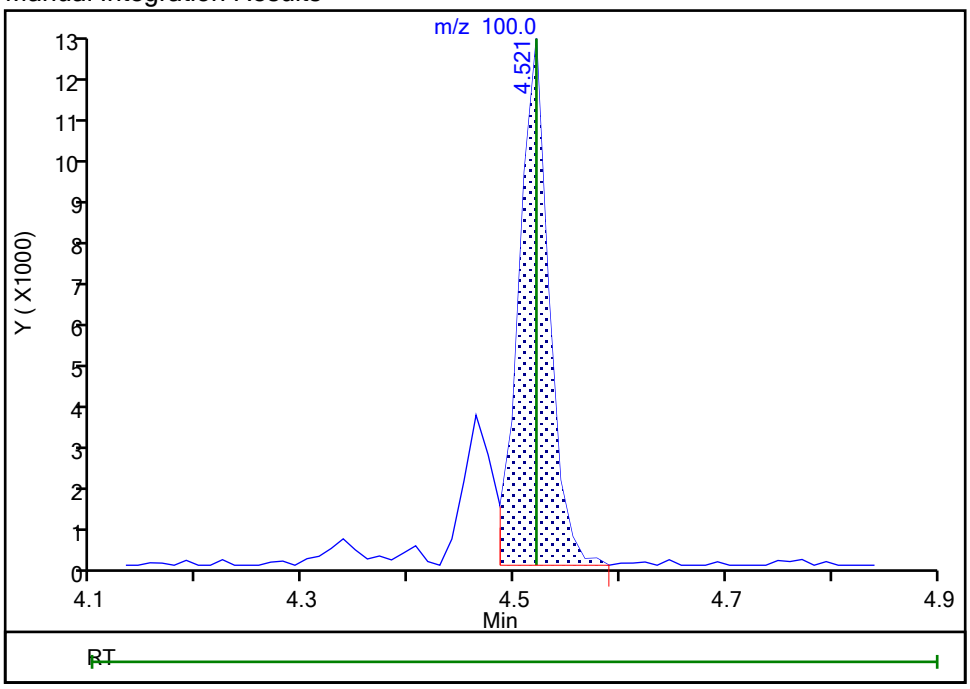
Processing Integration Results

RT: 4.41
Area: 683
Amount: 0.967625
Amount Units: ug/l




Manual Integration Results

RT: 4.52
Area: 25564
Amount: 18.190317
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:50:34
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07736.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 20-Sep-2021 14:19:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0134774-008
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2021 08:58:27 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1676

First Level Reviewer: kluseys Date: 20-Sep-2021 14:45:55

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 59 | 26702 | 50.0 | 56.5 | M |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 94 | 114480 | 50.0 | 48.6 | M |
| 4 1,1-Difluoroethane | 65 | 1.286 | 1.275 | 0.011 | 79 | 109279 | 50.0 | 46.0 | |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 99 | 235484 | 50.0 | 43.1 | |
| 2 Chlorodifluoromethane | 67 | 1.320 | 1.309 | 0.011 | 100 | 47064 | 50.0 | 46.9 | |
| 6 Chloromethane | 50 | 1.446 | 1.435 | 0.011 | 99 | 237365 | 50.0 | 44.2 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 98 | 293564 | 50.0 | 46.3 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 96 | 284842 | 50.0 | 46.8 | |
| 9 Bromomethane | 94 | 1.720 | 1.720 | 0.000 | 99 | 214990 | 50.0 | 51.0 | |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 99 | 201041 | 50.0 | 49.2 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 99 | 415622 | 50.0 | 49.2 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 97 | 381750 | 50.0 | 49.0 | |
| 13 Pentane | 72 | 1.960 | 1.960 | 0.000 | 94 | 86887 | 100.0 | 93.5 | |
| 17 Ethanol | 46 | 2.075 | 2.075 | 0.000 | 97 | 44402 | 2000.0 | 1871.8 | |
| 14 Ethyl ether | 74 | 2.109 | 2.109 | 0.000 | 93 | 141417 | 50.0 | 49.0 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 98 | 218315 | 50.0 | 48.1 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 90 | 209783 | 50.0 | 48.5 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 98 | 346028 | 50.0 | 50.9 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 99 | 221025 | 50.0 | 47.3 | |
| 52 Acrolein | 56 | 2.258 | 2.258 | 0.000 | 96 | 45196 | 101.4 | 92.1 | |
| 20 1,1-Dichloroethene | 96 | 2.292 | 2.280 | 0.012 | 98 | 219235 | 50.0 | 48.8 | |
| 23 Acetone | 43 | 2.349 | 2.349 | 0.000 | 86 | 382489 | 250.0 | 210.5 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 98 | 255742 | 50.0 | 38.3 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 59 | 138352 | 500.0 | 491.1 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 99 | 674371 | 50.0 | 51.8 | |
| 30 Methyl acetate | 43 | 2.543 | 2.543 | 0.000 | 97 | 385964 | 100.0 | 98.6 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 88 | 143962 | 50.0 | 48.0 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 95 | 588804 | 50.0 | 49.3 | |
| 27 Acetonitrile | 41 | 2.600 | 2.600 | 0.000 | 98 | 263531 | 500.0 | 511.6 | a |
| * 28 TBA-d9 (IS) | 66 | 2.635 | 2.623 | 0.012 | 100 | 41683 | 1000.0 | 1000.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 90 | 223882 | 50.0 | 42.3 | |
| 31 2-Methyl-2-propanol | 59 | 2.692 | 2.680 | 0.012 | 98 | 280161 | 500.0 | 494.5 | |
| 32 Methyl tert-butyl ether | 73 | 2.783 | 2.772 | 0.011 | 96 | 712817 | 50.0 | 49.7 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 93 | 248990 | 50.0 | 46.9 | |
| 35 Acrylonitrile | 53 | 2.875 | 2.863 | 0.012 | 92 | 1033917 | 500.0 | 509.6 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 91 | 328765 | 50.0 | 49.1 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 97 | 673811 | 50.0 | 50.7 | |
| 40 Vinyl acetate | 86 | 3.161 | 3.161 | 0.001 | 99 | 106833 | 100.0 | 98.2 | |
| 38 1,1-Dichloroethane | 63 | 3.161 | 3.161 | 0.001 | 67 | 431852 | 50.0 | 48.4 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.206 | 3.206 | 0.000 | 92 | 234801 | 50.0 | 48.9 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | 0.000 | 89 | 704250 | 50.0 | 50.0 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.583 | 0.012 | 97 | 280232 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 96 | 86342 | 50.0 | 43.5 | |
| 47 Ethyl acetate | 70 | 3.641 | 3.641 | 0.000 | 92 | 65123 | 100.0 | 87.8 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 96 | 181462 | 250.0 | 226.3 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 51 | 267236 | 50.0 | 45.9 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 100 | 224977 | 50.0 | 51.8 | |
| 48 Propionitrile | 54 | 3.766 | 3.766 | 0.000 | 98 | 381748 | 500.0 | 486.0 | |
| 50 Tetrahydrofuran | 72 | 3.846 | 3.846 | 0.000 | 86 | 82587 | 100.0 | 90.4 | |
| 49 Chlorobromomethane | 128 | 3.858 | 3.846 | 0.012 | 86 | 131158 | 50.0 | 46.9 | |
| 54 Methacrylonitrile | 67 | 3.869 | 3.858 | 0.011 | 91 | 1267855 | 500.0 | 509.1 | |
| 51 Chloroform | 83 | 3.903 | 3.892 | 0.011 | 98 | 421661 | 50.0 | 46.4 | |
| 53 Cyclohexane | 84 | 4.029 | 4.018 | 0.011 | 89 | 400055 | 50.0 | 48.2 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 99 | 391403 | 50.0 | 47.1 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 97 | 145019 | 50.0 | 49.4 | |
| 57 Carbon tetrachloride | 117 | 4.155 | 4.155 | 0.000 | 97 | 336931 | 50.0 | 48.7 | |
| 58 1,1-Dichloropropene | 75 | 4.178 | 4.178 | 0.000 | 97 | 349769 | 50.0 | 48.7 | |
| 61 Isobutyl alcohol | 43 | 4.292 | 4.292 | 0.000 | 98 | 393061 | 1250.0 | 1296.2 | |
| 64 Isooctane | 57 | 4.338 | 4.338 | 0.000 | 98 | 646960 | 50.0 | 49.1 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 96 | 989020 | 50.0 | 49.1 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.395 | 0.000 | 96 | 152951 | 50.0 | 49.5 | |
| 66 Isopropyl acetate | 61 | 4.418 | 4.418 | 0.000 | 96 | 108728 | 50.0 | 47.7 | |
| 62 Tert-amyl methyl ether | 73 | 4.429 | 4.429 | 0.000 | 90 | 734389 | 50.0 | 48.8 | |
| 63 1,2-Dichloroethane | 62 | 4.464 | 4.463 | 0.001 | 97 | 307259 | 50.0 | 45.8 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 92 | 66928 | 50.0 | 44.7 | a |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 515929 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 4.978 | 4.978 | 0.000 | 86 | 131505 | 1250.0 | 1250.4 | |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 96 | 257514 | 50.0 | 46.6 | |
| 71 Ethyl acrylate | 99 | 5.138 | 5.138 | 0.000 | 98 | 46653 | 50.0 | 53.3 | |
| 72 Methylcyclohexane | 83 | 5.149 | 5.138 | 0.011 | 84 | 431259 | 50.0 | 48.0 | |
| 73 1,2-Dichloropropane | 63 | 5.321 | 5.321 | 0.000 | 88 | 225039 | 50.0 | 47.2 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.389 | 0.000 | 80 | 23589 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.401 | 5.389 | 0.012 | 84 | 156681 | 100.0 | 101.7 | |
| 78 1,4-Dioxane | 88 | 5.446 | 5.446 | 0.000 | 28 | 57009 | 1000.0 | 852.4 | |
| 77 n-Propyl acetate | 43 | 5.446 | 5.458 | -0.012 | 97 | 355612 | 50.0 | 51.6 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 96 | 150650 | 50.0 | 47.6 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 99 | 314198 | 50.0 | 48.3 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.972 | 5.972 | 0.000 | 90 | 159320 | 50.1 | 51.9 | |
| 34 2-Nitropropane | 41 | 5.972 | 5.972 | 0.000 | 94 | 178755 | 100.0 | 91.9 | |
| 80 Epichlorohydrin | 57 | 6.087 | 6.087 | 0.001 | 99 | 584306 | 1000.0 | 981.1 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 92 | 397048 | 50.0 | 48.5 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.327 | 6.327 | 0.000 | 95 | 1172804 | 250.0 | 241.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 82 Toluene-d8 (Surr) | 98 | 6.418 | 6.407 | 0.011 | 99 | 620403 | 50.0 | 49.2 | |
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 93 | 1074882 | 50.0 | 48.7 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 98 | 373190 | 50.0 | 49.2 | |
| 86 Ethyl methacrylate | 69 | 6.932 | 6.932 | 0.000 | 86 | 320500 | 50.0 | 52.2 | |
| 87 1,1,2-Trichloroethane | 83 | 7.138 | 7.138 | 0.000 | 95 | 180252 | 50.0 | 45.7 | |
| 88 Tetrachloroethene | 166 | 7.184 | 7.184 | 0.000 | 97 | 281772 | 50.0 | 49.1 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 92 | 367539 | 50.0 | 49.5 | |
| 91 2-Hexanone | 43 | 7.435 | 7.435 | 0.000 | 95 | 801521 | 250.0 | 250.0 | |
| 92 n-Butyl acetate | 43 | 7.584 | 7.584 | 0.000 | 98 | 344967 | 50.0 | 50.7 | |
| 90 Chlorodibromomethane | 129 | 7.630 | 7.630 | 0.000 | 97 | 241032 | 50.0 | 51.1 | |
| 93 Ethylene Dibromide | 107 | 7.790 | 7.790 | 0.000 | 98 | 236223 | 50.0 | 48.4 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 84 | 383378 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 685357 | 50.0 | 49.4 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 369499 | 50.0 | 49.9 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 95 | 244958 | 50.0 | 48.1 | |
| 98 m-Xylene & p-Xylene | 106 | 8.578 | 8.590 | -0.012 | 96 | 454813 | 50.0 | 49.6 | |
| 99 n-Butyl acrylate | 73 | 9.013 | 9.013 | 0.001 | 65 | 204504 | 50.0 | 50.4 | |
| 100 o-Xylene | 106 | 9.013 | 9.013 | 0.001 | 94 | 437948 | 50.0 | 49.4 | |
| 101 Styrene | 104 | 9.047 | 9.047 | 0.000 | 96 | 739323 | 50.0 | 50.9 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 92 | 387886 | 50.0 | 48.4 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | 0.000 | 96 | 176602 | 50.0 | 50.7 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 96 | 1127670 | 50.0 | 51.1 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 182429 | 50.0 | 50.4 | |
| 107 Bromobenzene | 156 | 9.687 | 9.687 | 0.000 | 97 | 281507 | 50.0 | 45.6 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 99 | 300846 | 50.0 | 46.9 | |
| 109 N-Propylbenzene | 91 | 9.755 | 9.755 | 0.000 | 99 | 1348459 | 50.0 | 49.4 | |
| 115 1,2,3-Trichloropropane | 110 | 9.778 | 9.778 | 0.000 | 97 | 97485 | 50.0 | 51.3 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 90 | 89461 | 50.0 | 47.1 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 96 | 888521 | 50.0 | 47.5 | |
| 113 4-Ethyltoluene | 105 | 9.870 | 9.870 | 0.000 | 98 | 1128119 | 50.0 | 49.2 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 92 | 928690 | 50.0 | 48.1 | |
| 110 4-Chlorotoluene | 91 | 9.961 | 9.961 | 0.000 | 98 | 824566 | 50.0 | 48.2 | |
| 117 Butyl Methacrylate | 87 | 10.030 | 10.030 | 0.000 | 90 | 309918 | 50.0 | 50.0 | |
| 118 tert-Butylbenzene | 119 | 10.201 | 10.201 | 0.000 | 95 | 801040 | 50.0 | 48.6 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 97 | 940756 | 50.0 | 48.3 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 99 | 1166709 | 50.0 | 50.6 | |
| 122 1,3-Dichlorobenzene | 146 | 10.510 | 10.510 | 0.000 | 97 | 534291 | 50.0 | 45.6 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 98 | 1017240 | 50.0 | 48.6 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 94 | 199703 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.601 | 10.601 | 0.000 | 95 | 537541 | 50.0 | 45.5 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 99 | 966851 | 50.0 | 47.8 | |
| 125 Benzyl chloride | 91 | 10.716 | 10.716 | 0.000 | 99 | 616255 | 50.0 | 50.2 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 93 | 953406 | 50.0 | 48.8 | |
| 126 p-Diethylbenzene | 119 | 10.818 | 10.818 | 0.000 | 95 | 504649 | 50.0 | 47.8 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 98 | 474241 | 50.0 | 48.0 | |
| 128 1,2-Dichlorobenzene | 146 | 10.898 | 10.898 | 0.000 | 96 | 499947 | 50.0 | 45.3 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 97 | 800466 | 50.0 | 47.3 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 93 | 79610 | 50.0 | 46.1 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 97 | 360785 | 50.0 | 46.5 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | 0.000 | 92 | 325941 | 50.0 | 45.1 | |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 96 | 125733 | 50.0 | 45.7 | |
| 134 Naphthalene | 128 | 12.281 | 12.281 | 0.000 | 99 | 818041 | 50.0 | 43.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 96 | 300246 | 50.0 | 43.8 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 92.8 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 100.0 | 99.0 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 100.0 | 97.7 | |
| S 139 Total BTEX | 1 | | | | 0 | | 250.0 | 246.7 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00130 | Amount Added: 10.00 | Units: uL | | |
| 8260MIX1COMB_00143 | Amount Added: 50.00 | Units: uL | | |
| GASES Li_00439 | Amount Added: 50.00 | Units: uL | | |
| 524freon_00042 | Amount Added: 50.00 | Units: uL | | |
| 8260ISNEW_00119 | Amount Added: 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00220 | Amount Added: 1.00 | Units: uL | Run Reagent | |

Report Date: 21-Sep-2021 08:58:28 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07736.D

Injection Date: 20-Sep-2021 14:19:30 Instrument ID: CVOAMS7

Lims ID: STD50

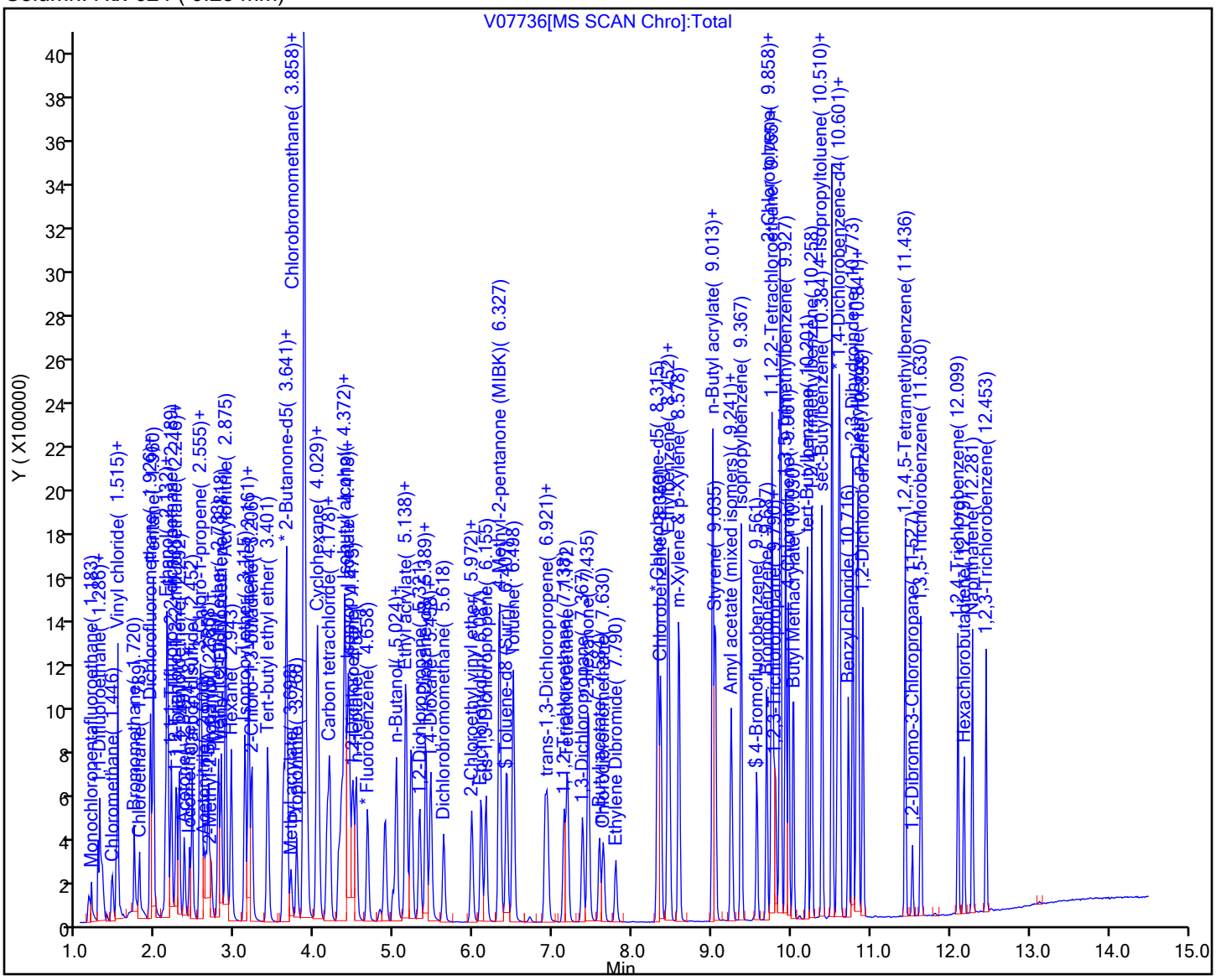
Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

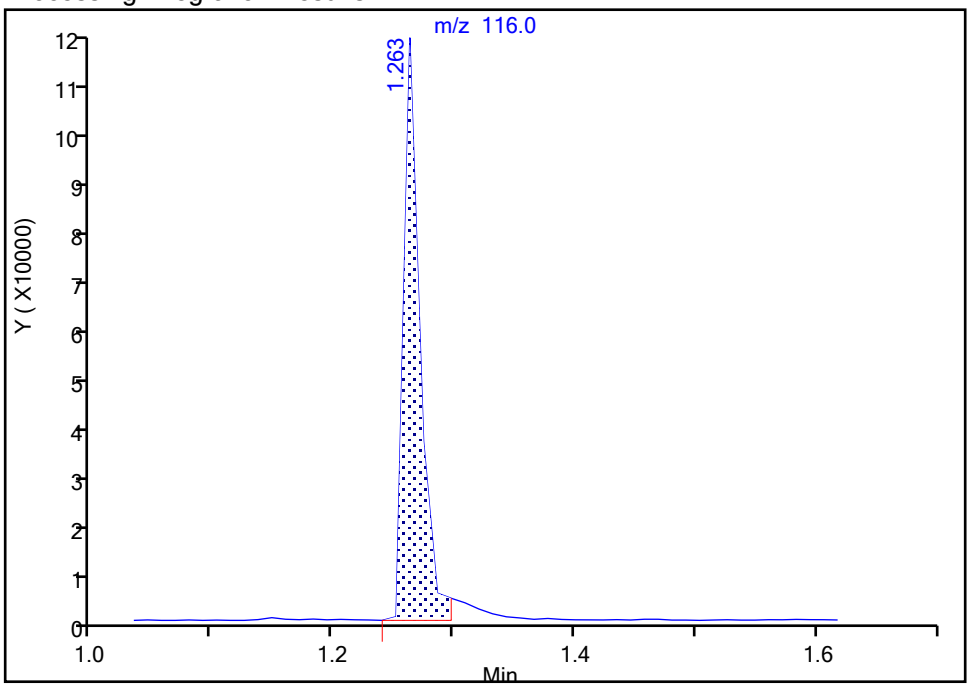
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07736.D
Injection Date: 20-Sep-2021 14:19:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

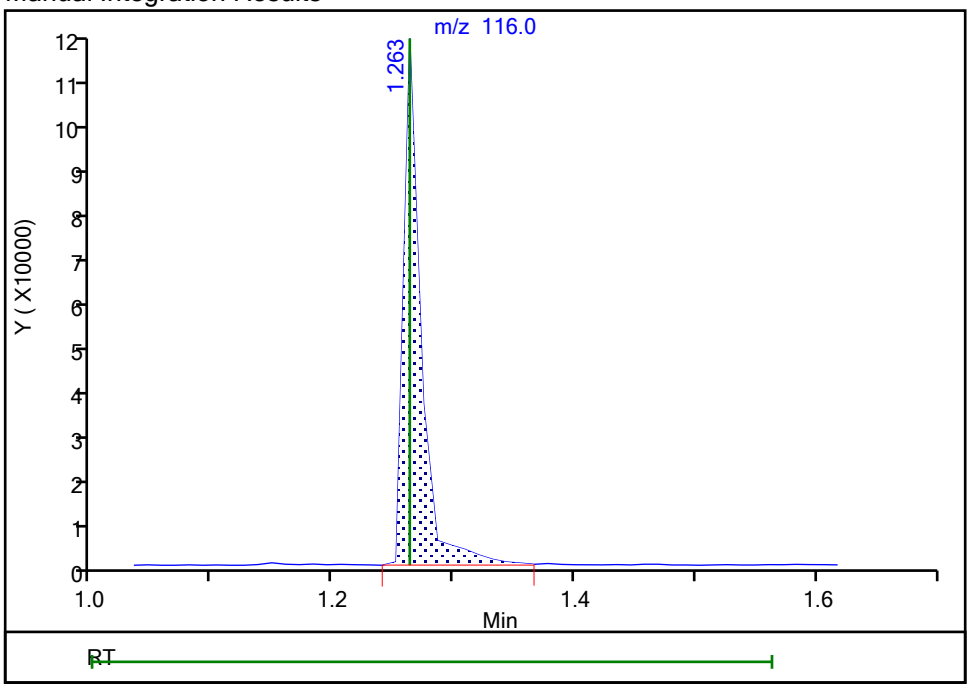
Processing Integration Results

RT: 1.26
Area: 109057
Amount: 49.282436
Amount Units: ug/l




Manual Integration Results

RT: 1.26
Area: 114480
Amount: 48.647928
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 07:47:36
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

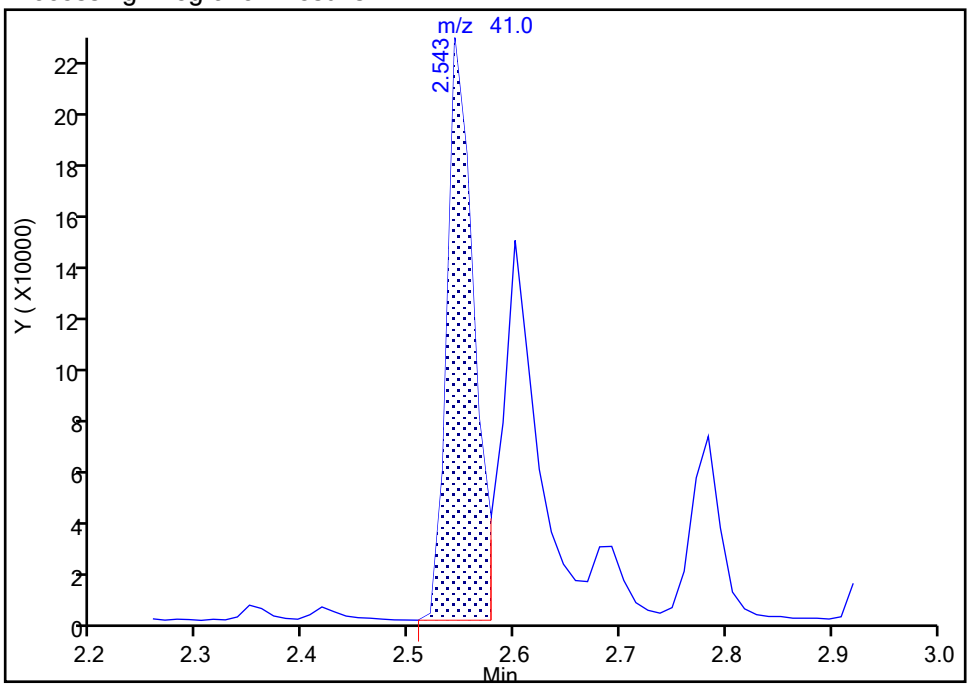
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07736.D
Injection Date: 20-Sep-2021 14:19:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

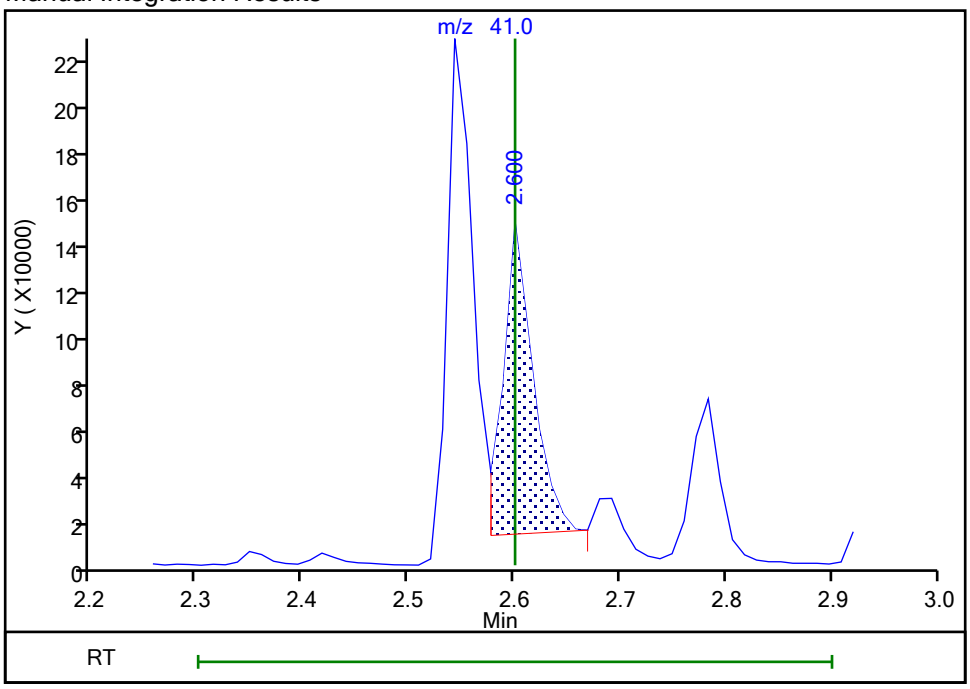
Processing Integration Results

RT: 2.54
Area: 399291
Amount: 500.3099
Amount Units: ug/l




Manual Integration Results

RT: 2.60
Area: 263531
Amount: 511.6440
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:54:01
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

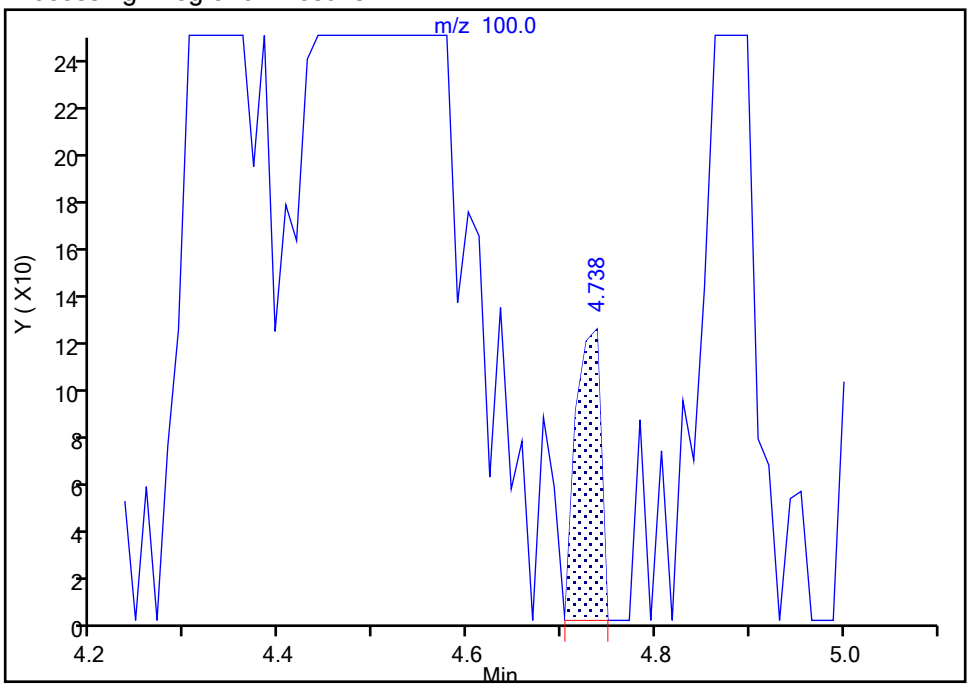
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07736.D
Injection Date: 20-Sep-2021 14:19:30 Instrument ID: CVOAMS7
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

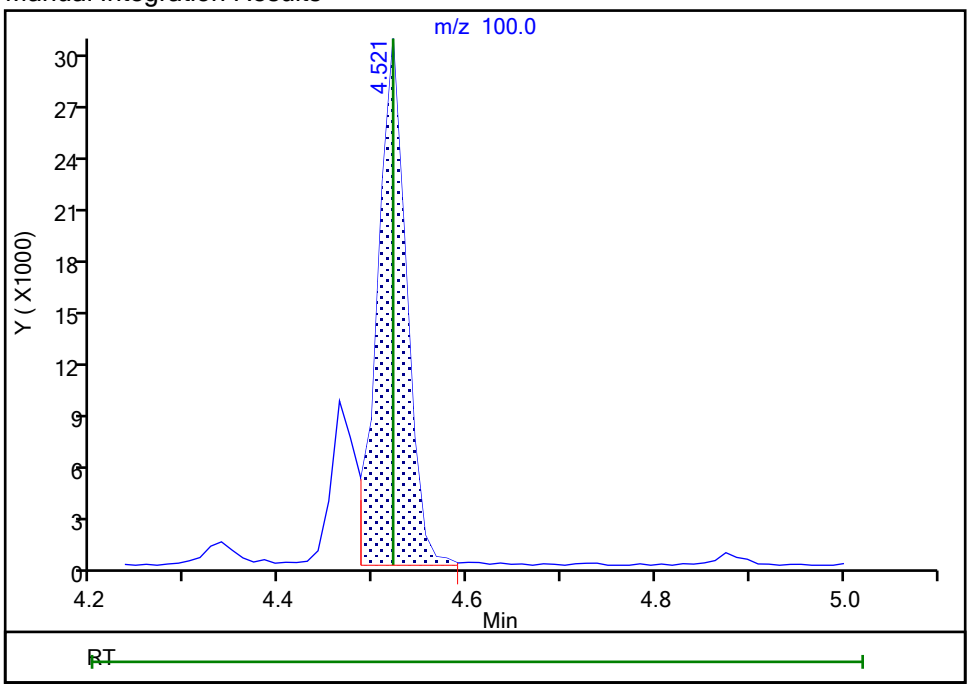
Processing Integration Results

RT: 4.74
Area: 224
Amount: 0.206982
Amount Units: ug/l




Manual Integration Results

RT: 4.52
Area: 66928
Amount: 44.747214
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 14:50:55
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07737.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 20-Sep-2021 14:40:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0134774-009
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2021 08:58:35 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1676

First Level Reviewer: kluseys Date: 20-Sep-2021 21:08:12

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 38 | 73629 | 200.0 | 146.2 | M |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 89 | 465353 | 200.0 | 200.9 | M |
| 4 1,1-Difluoroethane | 65 | 1.286 | 1.275 | 0.011 | 49 | 467691 | 200.0 | 184.7 | |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 99 | 1509893 | 200.0 | 259.5 | |
| 2 Chlorodifluoromethane | 67 | 1.309 | 1.309 | 0.000 | 99 | 194073 | 200.0 | 181.5 | |
| 6 Chloromethane | 50 | 1.435 | 1.435 | 0.000 | 99 | 1219032 | 200.0 | 213.1 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 97 | 1540711 | 200.0 | 227.8 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 97 | 1439545 | 200.0 | 221.9 | |
| 9 Bromomethane | 94 | 1.720 | 1.720 | 0.000 | 98 | 986619 | 200.0 | 219.7 | |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 99 | 937896 | 200.0 | 215.3 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 99 | 2049868 | 200.0 | 227.4 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 96 | 1899758 | 200.0 | 228.8 | |
| 13 Pentane | 72 | 1.960 | 1.960 | 0.000 | 92 | 383694 | 400.0 | 387.3 | |
| 17 Ethanol | 46 | 2.075 | 2.075 | 0.000 | 99 | 210206 | 8000.0 | 7226.3 | |
| 14 Ethyl ether | 74 | 2.109 | 2.109 | 0.000 | 95 | 655659 | 200.0 | 213.1 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 98 | 1081137 | 200.0 | 223.5 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 93 | 978887 | 200.0 | 212.3 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 99 | 1619301 | 200.0 | 223.3 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 97 | 1095874 | 200.0 | 220.1 | |
| 52 Acrolein | 56 | 2.258 | 2.258 | 0.000 | 95 | 135906 | 202.8 | 225.9 | |
| 20 1,1-Dichloroethene | 96 | 2.292 | 2.280 | 0.012 | 98 | 1054576 | 200.0 | 220.3 | |
| 23 Acetone | 43 | 2.349 | 2.349 | 0.000 | 86 | 2068635 | 1000.0 | 1026.7 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 98 | 1409402 | 200.0 | 206.1 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 51 | 665739 | 2000.0 | 1927.0 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 99 | 3250554 | 200.0 | 220.3 | |
| 30 Methyl acetate | 43 | 2.543 | 2.543 | 0.000 | 97 | 1887040 | 400.0 | 452.4 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 88 | 683343 | 200.0 | 213.9 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 95 | 2799236 | 200.0 | 220.1 | |
| 27 Acetonitrile | 41 | 2.601 | 2.600 | 0.001 | 96 | 1125167 | 2000.0 | 1969.7 | a |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 99 | 51115 | 1000.0 | 1000.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 90 | 1066066 | 200.0 | 189.0 | |
| 31 2-Methyl-2-propanol | 59 | 2.681 | 2.680 | 0.001 | 98 | 1331011 | 2000.0 | 2001.6 | |
| 32 Methyl tert-butyl ether | 73 | 2.783 | 2.772 | 0.011 | 96 | 3353164 | 200.0 | 219.2 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 94 | 1179507 | 200.0 | 208.2 | |
| 35 Acrylonitrile | 53 | 2.875 | 2.863 | 0.012 | 88 | 5085598 | 2000.0 | 2351.7 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 91 | 1558476 | 200.0 | 218.3 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 92 | 3049136 | 200.0 | 215.1 | |
| 40 Vinyl acetate | 86 | 3.161 | 3.161 | 0.001 | 99 | 514256 | 400.0 | 426.2 | |
| 38 1,1-Dichloroethane | 63 | 3.161 | 3.161 | 0.001 | 66 | 2085769 | 200.0 | 219.2 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.206 | 3.206 | 0.000 | 92 | 1097172 | 200.0 | 214.5 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | 0.000 | 90 | 3216807 | 200.0 | 214.5 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.583 | 0.012 | 97 | 310794 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 96 | 397103 | 200.0 | 187.6 | |
| 47 Ethyl acetate | 70 | 3.641 | 3.641 | 0.000 | 96 | 336734 | 400.0 | 404.9 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 97 | 952360 | 1000.0 | 1071.1 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 90 | 1285706 | 200.0 | 207.4 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 100 | 1020988 | 200.0 | 220.7 | |
| 48 Propionitrile | 54 | 3.766 | 3.766 | 0.000 | 98 | 1759065 | 2000.0 | 2100.8 | |
| 50 Tetrahydrofuran | 72 | 3.846 | 3.846 | 0.000 | 93 | 384964 | 400.0 | 395.3 | |
| 49 Chlorobromomethane | 128 | 3.858 | 3.846 | 0.012 | 94 | 609246 | 200.0 | 204.3 | |
| 54 Methacrylonitrile | 67 | 3.869 | 3.858 | 0.011 | 89 | 6465265 | 2000.0 | 2435.6 | |
| 51 Chloroform | 83 | 3.904 | 3.892 | 0.012 | 97 | 1999488 | 200.0 | 206.4 | |
| 53 Cyclohexane | 84 | 4.018 | 4.018 | 0.000 | 89 | 1968693 | 200.0 | 222.4 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 98 | 1856731 | 200.0 | 209.6 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 97 | 160612 | 50.0 | 51.3 | |
| 57 Carbon tetrachloride | 117 | 4.155 | 4.155 | 0.000 | 95 | 1620230 | 200.0 | 219.6 | |
| 58 1,1-Dichloropropene | 75 | 4.178 | 4.178 | 0.000 | 97 | 1652837 | 200.0 | 215.9 | |
| 61 Isobutyl alcohol | 43 | 4.292 | 4.292 | 0.000 | 99 | 2024933 | 5000.0 | 5445.4 | |
| 64 Isooctane | 57 | 4.338 | 4.338 | 0.000 | 98 | 3029515 | 200.0 | 215.7 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 97 | 4732950 | 200.0 | 215.4 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.395 | 0.000 | 92 | 166914 | 50.0 | 50.7 | |
| 66 Isopropyl acetate | 61 | 4.418 | 4.418 | 0.000 | 97 | 526032 | 200.0 | 200.7 | |
| 62 Tert-amyl methyl ether | 73 | 4.429 | 4.429 | 0.000 | 90 | 3364780 | 200.0 | 209.8 | |
| 63 1,2-Dichloroethane | 62 | 4.464 | 4.463 | 0.001 | 98 | 1444195 | 200.0 | 202.0 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 93 | 306491 | 200.0 | 192.2 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 549946 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 4.966 | 4.978 | -0.012 | 87 | 722515 | 5000.0 | 5400.7 | |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 96 | 1214966 | 200.0 | 206.1 | |
| 71 Ethyl acrylate | 99 | 5.138 | 5.138 | 0.000 | 97 | 205994 | 200.0 | 221.0 | |
| 72 Methylcyclohexane | 83 | 5.138 | 5.138 | 0.000 | 90 | 2034077 | 200.0 | 212.6 | |
| 73 1,2-Dichloropropane | 63 | 5.321 | 5.321 | 0.000 | 88 | 1037113 | 200.0 | 204.1 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.389 | 0.000 | 48 | 21111 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.389 | 5.389 | 0.000 | 90 | 729574 | 400.0 | 444.2 | |
| 78 1,4-Dioxane | 88 | 5.447 | 5.446 | 0.001 | 45 | 262581 | 4000.0 | 4387.0 | |
| 77 n-Propyl acetate | 43 | 5.447 | 5.458 | -0.011 | 97 | 1657876 | 200.0 | 225.6 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 94 | 686493 | 200.0 | 203.3 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 99 | 1431067 | 200.0 | 206.3 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.972 | 5.972 | 0.000 | 89 | 726184 | 200.5 | 221.9 | |
| 34 2-Nitropropane | 41 | 5.972 | 5.972 | 0.000 | 99 | 825886 | 400.0 | 398.1 | |
| 80 Epichlorohydrin | 57 | 6.087 | 6.087 | 0.001 | 99 | 2736470 | 4000.0 | 4143.1 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 91 | 1820015 | 200.0 | 203.8 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.327 | 6.327 | 0.000 | 95 | 5784552 | 1000.0 | 1074.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 82 Toluene-d8 (Surr) | 98 | 6.418 | 6.407 | 0.011 | 99 | 689127 | 50.0 | 50.1 | |
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 91 | 5249562 | 200.0 | 218.0 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 97 | 1722176 | 200.0 | 208.1 | |
| 86 Ethyl methacrylate | 69 | 6.932 | 6.932 | 0.000 | 87 | 1496343 | 200.0 | 223.5 | |
| 87 1,1,2-Trichloroethane | 83 | 7.138 | 7.138 | 0.000 | 95 | 829749 | 200.0 | 193.1 | |
| 88 Tetrachloroethene | 166 | 7.184 | 7.184 | 0.000 | 96 | 1296220 | 200.0 | 207.3 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 92 | 1660150 | 200.0 | 205.2 | |
| 91 2-Hexanone | 43 | 7.435 | 7.435 | 0.000 | 95 | 3934328 | 1000.0 | 1106.4 | |
| 92 n-Butyl acetate | 43 | 7.584 | 7.584 | 0.000 | 98 | 1528752 | 200.0 | 206.0 | |
| 90 Chlorodibromomethane | 129 | 7.630 | 7.630 | 0.000 | 97 | 1107988 | 200.0 | 215.3 | |
| 93 Ethylene Dibromide | 107 | 7.790 | 7.790 | 0.000 | 97 | 1071154 | 200.0 | 201.5 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 86 | 418033 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 3218518 | 200.0 | 212.8 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 1707964 | 200.0 | 211.6 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 94 | 1146049 | 200.0 | 206.4 | |
| 98 m-Xylene & p-Xylene | 106 | 8.578 | 8.590 | -0.012 | 97 | 2056771 | 200.0 | 205.7 | |
| 99 n-Butyl acrylate | 73 | 9.013 | 9.013 | 0.001 | 65 | 957549 | 200.0 | 216.5 | |
| 100 o-Xylene | 106 | 9.013 | 9.013 | 0.001 | 93 | 1992839 | 200.0 | 206.2 | |
| 101 Styrene | 104 | 9.047 | 9.047 | 0.000 | 95 | 3414938 | 200.0 | 215.5 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 93 | 1708606 | 200.0 | 218.1 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | 0.000 | 97 | 822758 | 200.0 | 216.7 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 95 | 5311752 | 200.0 | 220.6 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 191598 | 50.0 | 48.6 | |
| 107 Bromobenzene | 156 | 9.687 | 9.687 | 0.000 | 97 | 1300005 | 200.0 | 215.2 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 98 | 1467605 | 200.0 | 233.9 | |
| 109 N-Propylbenzene | 91 | 9.756 | 9.755 | 0.001 | 99 | 6334968 | 200.0 | 237.4 | |
| 115 1,2,3-Trichloropropane | 110 | 9.790 | 9.778 | 0.012 | 97 | 424194 | 200.0 | 217.3 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 93 | 415543 | 200.0 | 223.7 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 96 | 4323017 | 200.0 | 236.5 | |
| 113 4-Ethyltoluene | 105 | 9.870 | 9.870 | 0.000 | 98 | 5226578 | 200.0 | 232.8 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 93 | 4304000 | 200.0 | 227.9 | |
| 110 4-Chlorotoluene | 91 | 9.961 | 9.961 | 0.000 | 98 | 3700505 | 200.0 | 221.1 | |
| 117 Butyl Methacrylate | 87 | 10.030 | 10.030 | 0.000 | 87 | 1383854 | 200.0 | 228.2 | |
| 118 tert-Butylbenzene | 119 | 10.201 | 10.201 | 0.000 | 95 | 3622228 | 200.0 | 224.6 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 97 | 4324928 | 200.0 | 227.2 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 99 | 5181872 | 200.0 | 229.7 | |
| 122 1,3-Dichlorobenzene | 146 | 10.510 | 10.510 | 0.000 | 97 | 2528634 | 200.0 | 220.4 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 98 | 4832565 | 200.0 | 235.9 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 93 | 195347 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.601 | 10.601 | 0.000 | 95 | 2499212 | 200.0 | 216.4 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 100 | 4443380 | 200.0 | 224.7 | |
| 125 Benzyl chloride | 91 | 10.716 | 10.716 | 0.000 | 99 | 2719324 | 200.0 | 226.6 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 92 | 4320894 | 200.0 | 226.0 | |
| 126 p-Diethylbenzene | 119 | 10.819 | 10.818 | 0.000 | 92 | 2227235 | 200.0 | 215.7 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 97 | 2154342 | 200.0 | 222.9 | |
| 128 1,2-Dichlorobenzene | 146 | 10.899 | 10.898 | 0.000 | 96 | 2267994 | 200.0 | 210.0 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 97 | 3988062 | 200.0 | 241.1 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 92 | 364153 | 200.0 | 215.6 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 95 | 1730873 | 200.0 | 227.9 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | 0.000 | 91 | 1632499 | 200.0 | 230.8 | |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 96 | 557391 | 200.0 | 207.2 | |
| 134 Naphthalene | 128 | 12.282 | 12.281 | 0.001 | 99 | 4360619 | 200.0 | 236.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 95 | 1499620 | 200.0 | 223.8 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 415.6 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 400.0 | 412.0 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 400.0 | 411.9 | |
| S 139 Total BTEX | 1 | | | | 0 | | 1000.0 | 1057.0 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00397 | Amount Added: 20.00 | Units: uL | | |
| ACROLEIN W_00130 | Amount Added: 20.00 | Units: uL | | |
| 8FreonHi_00036 | Amount Added: 20.00 | Units: uL | | |
| Ethanol mix_00056 | Amount Added: 20.00 | Units: uL | | |
| MIX 2 Hi_00115 | Amount Added: 20.00 | Units: uL | | |
| MIX I Hi_00142 | Amount Added: 20.00 | Units: uL | | |
| 8260ISNEW_00119 | Amount Added: 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00220 | Amount Added: 1.00 | Units: uL | Run Reagent | |

Report Date: 21-Sep-2021 08:58:36 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07737.D

Injection Date: 20-Sep-2021 14:40:30 Instrument ID: CVOAMS7

Lims ID: STD200

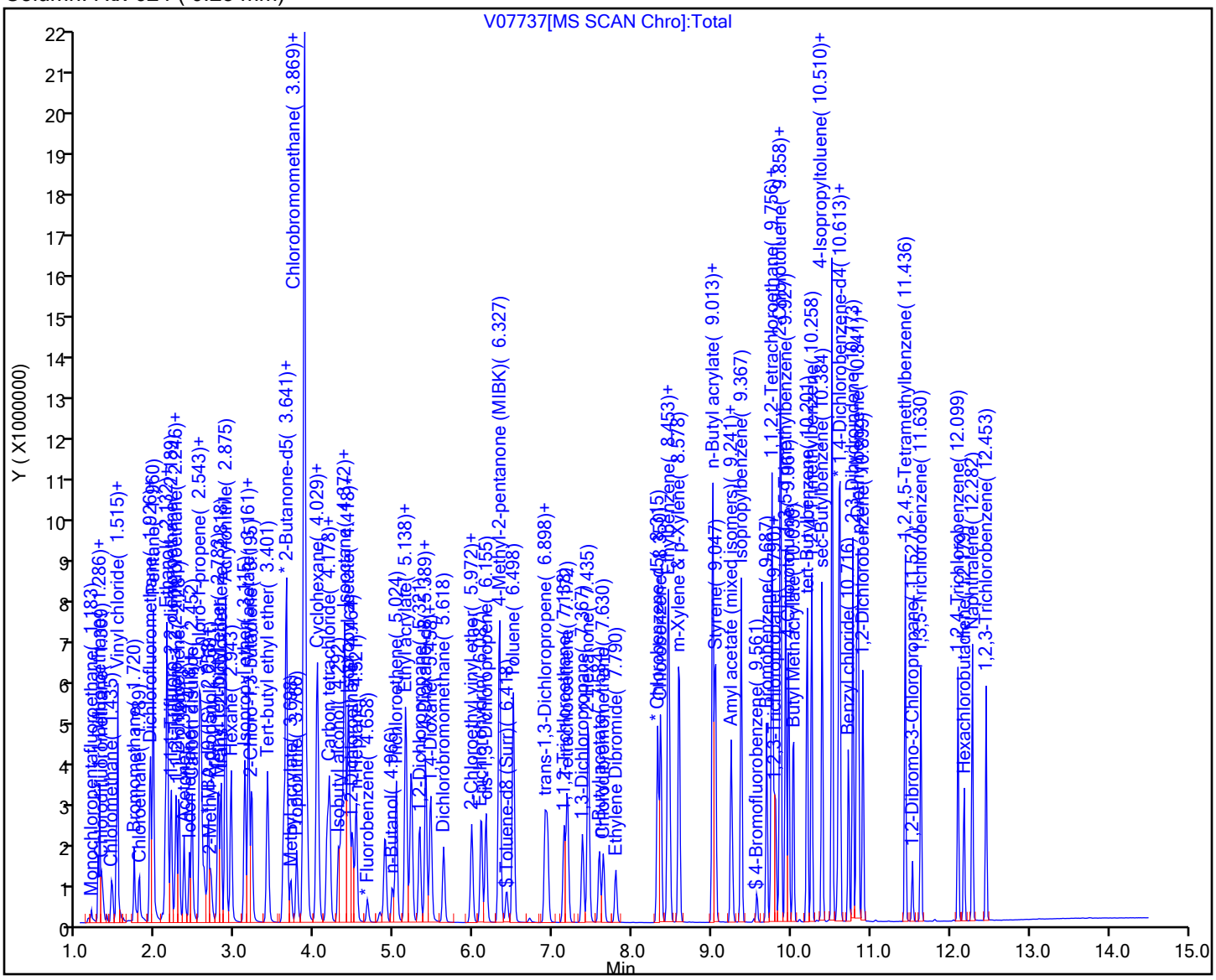
Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

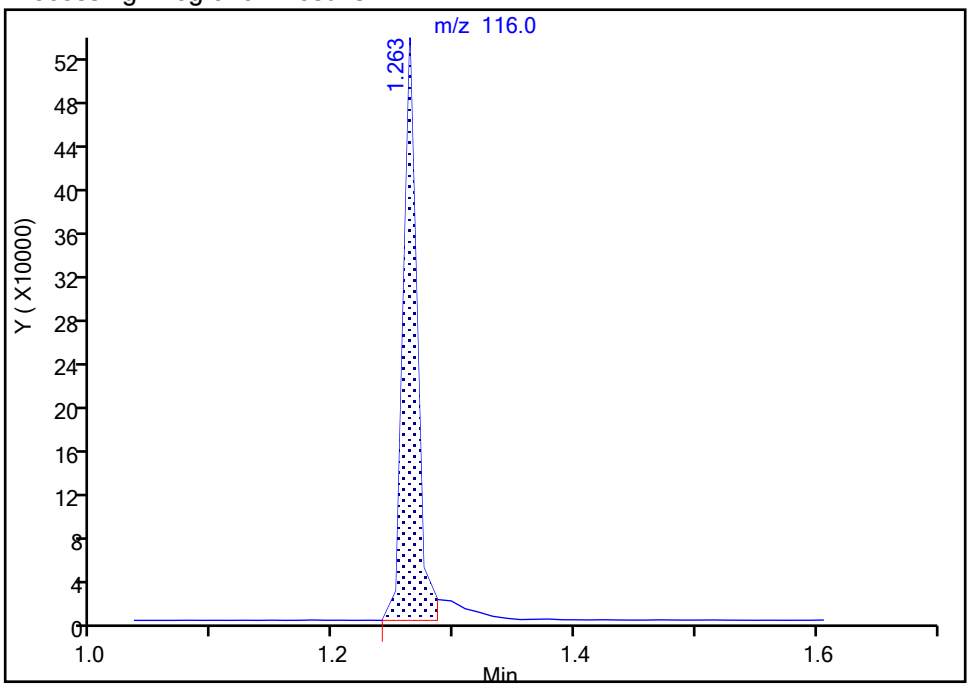
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07737.D
Injection Date: 20-Sep-2021 14:40:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

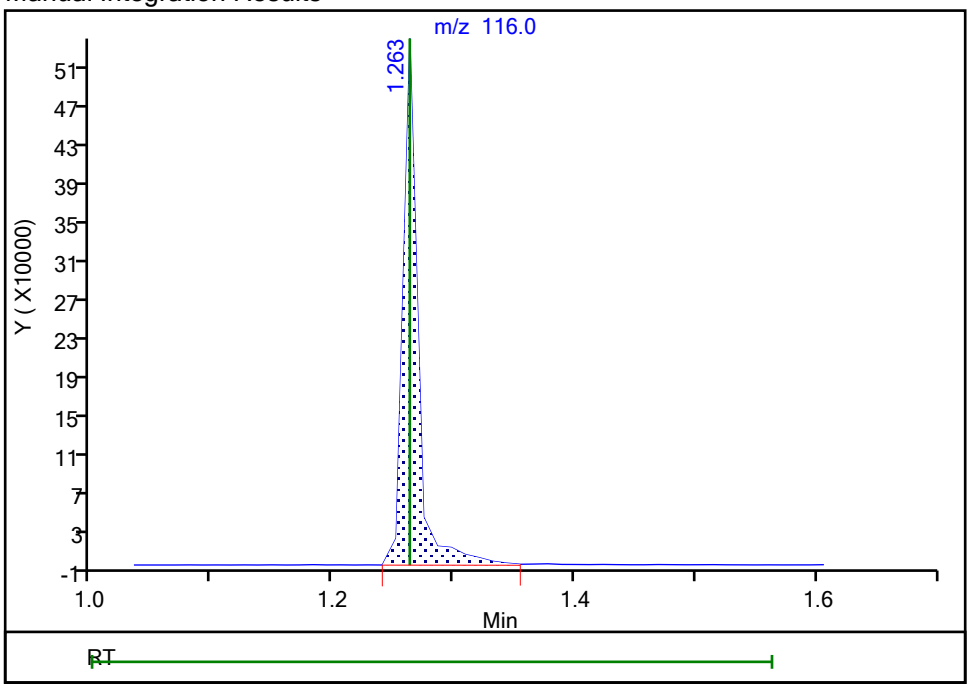
Processing Integration Results

RT: 1.26
Area: 434584
Amount: 199.6478
Amount Units: ug/l




Manual Integration Results

RT: 1.26
Area: 465353
Amount: 200.8723
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 07:48:14
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

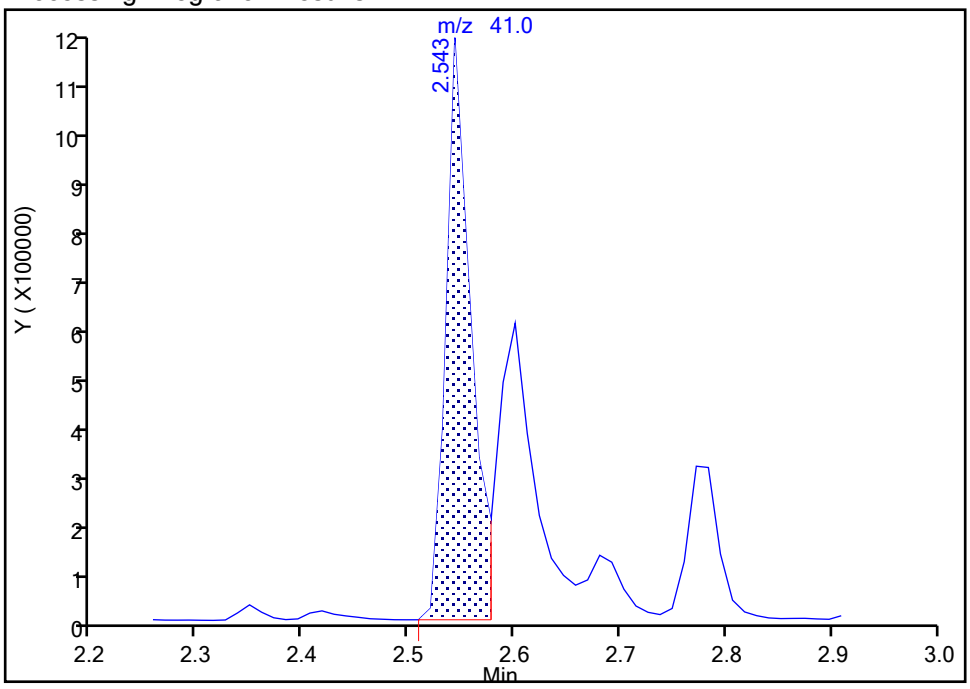
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07737.D
Injection Date: 20-Sep-2021 14:40:30 Instrument ID: CVOAMS7
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

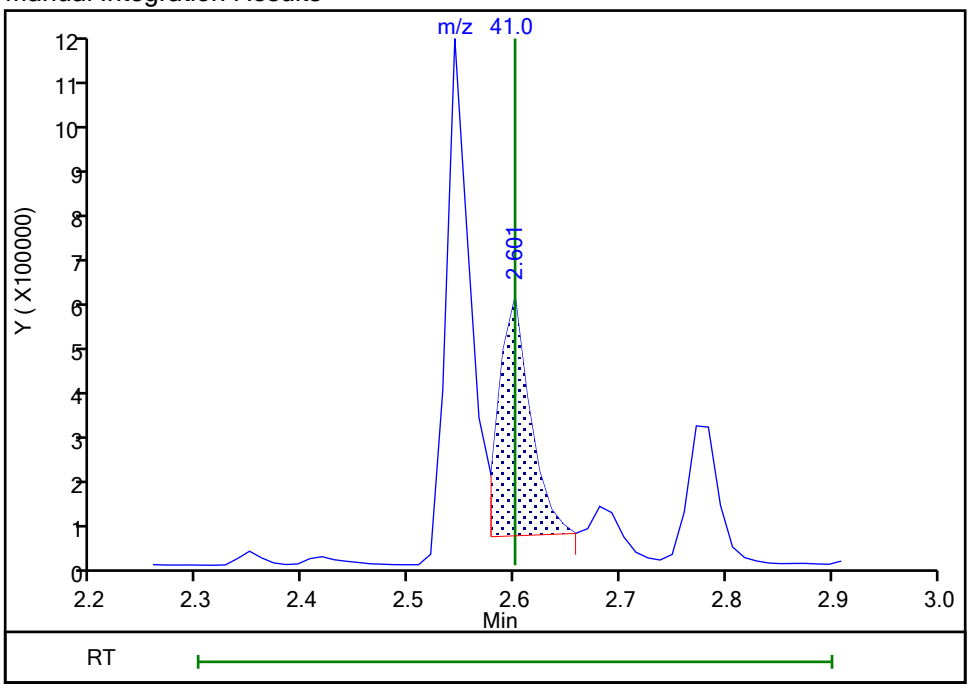
Processing Integration Results

RT: 2.54
Area: 1987848
Amount: 3141.0539
Amount Units: ug/l




Manual Integration Results

RT: 2.60
Area: 1125167
Amount: 1969.6918
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 21:06:19
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07738.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 20-Sep-2021 15:02:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0134774-010
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2021 08:58:42 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1676

First Level Reviewer: kluseys Date: 20-Sep-2021 21:05:42

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 46 | 159510 | 500.0 | 275.2 | |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 83 | 1116326 | 500.0 | 499.8 | M |
| 4 1,1-Difluoroethane | 65 | 1.286 | 1.275 | 0.011 | 52 | 1343278 | 500.0 | 460.7 | |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 99 | 4160740 | 500.0 | 621.2 | |
| 2 Chlorodifluoromethane | 67 | 1.309 | 1.309 | 0.000 | 99 | 520867 | 500.0 | 423.2 | |
| 6 Chloromethane | 50 | 1.435 | 1.435 | 0.000 | 99 | 3484387 | 500.0 | 529.2 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 97 | 4332529 | 500.0 | 556.3 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 96 | 4252590 | 500.0 | 569.4 | M |
| 9 Bromomethane | 94 | 1.709 | 1.720 | -0.011 | 97 | 2004235 | 500.0 | 387.7 | |
| 10 Chloroethane | 64 | 1.778 | 1.789 | -0.011 | 99 | 2454652 | 500.0 | 489.6 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 99 | 6145280 | 500.0 | 592.2 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 96 | 5213188 | 500.0 | 545.3 | |
| 13 Pentane | 72 | 1.960 | 1.960 | 0.000 | 91 | 1235985 | 1000.0 | 1083.7 | |
| 17 Ethanol | 46 | 2.109 | 2.075 | 0.034 | 75 | 635605 | 20000 | 19224 | |
| 14 Ethyl ether | 74 | 2.109 | 2.109 | 0.000 | 95 | 2001571 | 500.0 | 565.0 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 98 | 3465080 | 500.0 | 622.2 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 88 | 2553973 | 500.0 | 481.1 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 98 | 4727981 | 500.0 | 566.4 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 96 | 3260242 | 500.0 | 568.9 | |
| 52 Acrolein | 56 | 2.258 | 2.258 | 0.000 | 96 | 357449 | 405.6 | 522.7 | |
| 20 1,1-Dichloroethene | 96 | 2.280 | 2.280 | 0.000 | 98 | 3109390 | 500.0 | 564.2 | |
| 23 Acetone | 43 | 2.349 | 2.349 | 0.000 | 86 | 5762404 | 2500.0 | 2269.2 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 99 | 3654099 | 500.0 | 499.0 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 96 | 1834163 | 5000.0 | 4670.9 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 100 | 8989886 | 500.0 | 481.5 | |
| 30 Methyl acetate | 43 | 2.543 | 2.543 | 0.000 | 97 | 5877013 | 1000.0 | 1223.8 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 94 | 2119061 | 500.0 | 576.1 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 96 | 8225799 | 500.0 | 561.7 | |
| 27 Acetonitrile | 41 | 2.600 | 2.600 | 0.000 | 96 | 3208759 | 5000.0 | 4457.1 | a |
| * 28 TBA-d9 (IS) | 66 | 2.635 | 2.623 | 0.012 | 99 | 58097 | 1000.0 | 1000.0 | a |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 90 | 3119453 | 500.0 | 480.4 | |
| 31 2-Methyl-2-propanol | 59 | 2.692 | 2.680 | 0.012 | 98 | 3470829 | 5000.0 | 4999.7 | |
| 32 Methyl tert-butyl ether | 73 | 2.772 | 2.772 | 0.000 | 97 | 9791093 | 500.0 | 556.0 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 95 | 3547159 | 500.0 | 544.0 | |
| 35 Acrylonitrile | 53 | 2.875 | 2.863 | 0.012 | 86 | 13080083 | 5000.0 | 5254.0 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 91 | 4229439 | 500.0 | 514.6 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 91 | 9088900 | 500.0 | 557.0 | |
| 40 Vinyl acetate | 86 | 3.161 | 3.161 | 0.001 | 98 | 1637106 | 1000.0 | 1076.5 | |
| 38 1,1-Dichloroethane | 63 | 3.161 | 3.161 | 0.001 | 68 | 6202627 | 500.0 | 566.3 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.195 | 3.206 | -0.011 | 93 | 3209601 | 500.0 | 545.0 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | 0.000 | 91 | 9470037 | 500.0 | 548.4 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.583 | 0.012 | 91 | 391690 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 94 | 1154787 | 500.0 | 473.8 | |
| 47 Ethyl acetate | 70 | 3.641 | 3.641 | 0.000 | 92 | 1068028 | 1000.0 | 999.4 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 99 | 2825807 | 2500.0 | 2521.7 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 95 | 3973299 | 500.0 | 556.6 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 100 | 2930516 | 500.0 | 550.2 | |
| 48 Propionitrile | 54 | 3.778 | 3.766 | 0.012 | 97 | 4850845 | 5000.0 | 5032.3 | |
| 50 Tetrahydrofuran | 72 | 3.846 | 3.846 | 0.000 | 90 | 1132907 | 1000.0 | 1010.4 | |
| 49 Chlorobromomethane | 128 | 3.858 | 3.846 | 0.012 | 93 | 1799779 | 500.0 | 524.2 | |
| 54 Methacrylonitrile | 67 | 3.881 | 3.858 | 0.023 | 78 | 16841795 | 5000.0 | 5511.3 | |
| 51 Chloroform | 83 | 3.903 | 3.892 | 0.011 | 97 | 5993517 | 500.0 | 537.4 | |
| 53 Cyclohexane | 84 | 4.018 | 4.018 | 0.000 | 90 | 5845102 | 500.0 | 573.7 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 98 | 5550348 | 500.0 | 544.4 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 96 | 188459 | 50.0 | 52.3 | |
| 57 Carbon tetrachloride | 117 | 4.155 | 4.155 | 0.000 | 94 | 4799690 | 500.0 | 565.1 | |
| 58 1,1-Dichloropropene | 75 | 4.178 | 4.178 | 0.000 | 98 | 4942647 | 500.0 | 560.9 | |
| 61 Isobutyl alcohol | 43 | 4.304 | 4.292 | 0.012 | 95 | 4508246 | 12500 | 10666 | |
| 64 Isooctane | 57 | 4.338 | 4.338 | 0.000 | 96 | 7935187 | 500.0 | 490.9 | a |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 98 | 13112098 | 500.0 | 528.0 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.395 | 0.000 | 87 | 217267 | 50.0 | 57.3 | |
| 66 Isopropyl acetate | 61 | 4.418 | 4.418 | 0.000 | 97 | 1735512 | 500.0 | 499.9 | |
| 62 Tert-amyl methyl ether | 73 | 4.429 | 4.429 | 0.000 | 93 | 10204965 | 500.0 | 552.8 | |
| 63 1,2-Dichloroethane | 62 | 4.464 | 4.463 | 0.001 | 97 | 4325392 | 500.0 | 525.4 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 93 | 804097 | 500.0 | 438.1 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 633102 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 4.978 | 4.978 | 0.000 | 87 | 1941835 | 12500 | 12133 | |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 95 | 3611417 | 500.0 | 532.2 | |
| 71 Ethyl acrylate | 99 | 5.138 | 5.138 | 0.000 | 98 | 572465 | 500.0 | 533.4 | |
| 72 Methylcyclohexane | 83 | 5.149 | 5.138 | 0.011 | 94 | 5735285 | 500.0 | 520.7 | |
| 73 1,2-Dichloropropane | 63 | 5.321 | 5.321 | 0.000 | 88 | 3007797 | 500.0 | 514.2 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.389 | 0.000 | 45 | 21092 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.401 | 5.389 | 0.012 | 84 | 2035384 | 1000.0 | 1076.5 | |
| 78 1,4-Dioxane | 88 | 5.446 | 5.446 | 0.000 | 28 | 729031 | 10000 | 12191 | |
| 77 n-Propyl acetate | 43 | 5.458 | 5.458 | 0.000 | 97 | 4565501 | 500.0 | 539.6 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 94 | 1969049 | 500.0 | 506.5 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 98 | 4220837 | 500.0 | 528.6 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.984 | 5.972 | 0.012 | 96 | 2052492 | 501.2 | 544.8 | |
| 34 2-Nitropropane | 41 | 5.972 | 5.972 | 0.000 | 98 | 2242261 | 1000.0 | 938.9 | |
| 80 Epichlorohydrin | 57 | 6.098 | 6.087 | 0.012 | 100 | 7501490 | 10000 | 9011.7 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 90 | 5289526 | 500.0 | 524.1 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.327 | 6.327 | 0.000 | 92 | 14931162 | 2500.0 | 2200.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 82 Toluene-d8 (Surr) | 98 | 6.418 | 6.407 | 0.011 | 98 | 752617 | 50.0 | 48.4 | |
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 93 | 14494725 | 500.0 | 532.8 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 97 | 4910725 | 500.0 | 525.2 | |
| 86 Ethyl methacrylate | 69 | 6.932 | 6.932 | 0.000 | 86 | 4239501 | 500.0 | 560.5 | |
| 87 1,1,2-Trichloroethane | 83 | 7.138 | 7.138 | 0.000 | 96 | 2386183 | 500.0 | 491.5 | |
| 88 Tetrachloroethene | 166 | 7.184 | 7.184 | 0.000 | 94 | 3741407 | 500.0 | 529.6 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 91 | 4668528 | 500.0 | 510.7 | |
| 91 2-Hexanone | 43 | 7.447 | 7.435 | 0.012 | 93 | 10232137 | 2500.0 | 2283.2 | |
| 92 n-Butyl acetate | 43 | 7.584 | 7.584 | 0.000 | 98 | 4032755 | 500.0 | 480.9 | |
| 90 Chlorodibromomethane | 129 | 7.630 | 7.630 | 0.000 | 96 | 3079876 | 500.0 | 529.7 | |
| 93 Ethylene Dibromide | 107 | 7.790 | 7.790 | 0.000 | 95 | 3021193 | 500.0 | 502.9 | |
| * 94 Chlorobenzene-d5 | 117 | 8.327 | 8.315 | 0.012 | 87 | 472360 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.361 | 8.350 | 0.011 | 96 | 9049287 | 500.0 | 529.5 | |
| 97 Ethylbenzene | 106 | 8.453 | 8.441 | 0.011 | 98 | 5010682 | 500.0 | 549.5 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 94 | 3351932 | 500.0 | 534.4 | |
| 98 m-Xylene & p-Xylene | 106 | 8.590 | 8.590 | 0.000 | 95 | 5725478 | 500.0 | 506.8 | |
| 99 n-Butyl acrylate | 73 | 9.013 | 9.013 | 0.001 | 74 | 2931834 | 500.0 | 586.8 | |
| 100 o-Xylene | 106 | 9.013 | 9.013 | 0.001 | 95 | 5630306 | 500.0 | 515.7 | |
| 101 Styrene | 104 | 9.047 | 9.047 | 0.000 | 91 | 9501439 | 500.0 | 530.6 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 93 | 4702843 | 500.0 | 526.0 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | 0.000 | 97 | 2340831 | 500.0 | 545.6 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 97 | 13137763 | 500.0 | 482.8 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.573 | 9.561 | 0.012 | 0 | 212686 | 50.0 | 47.7 | |
| 107 Bromobenzene | 156 | 9.687 | 9.687 | 0.000 | 97 | 3825045 | 500.0 | 554.9 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 99 | 4358715 | 500.0 | 608.7 | |
| 109 N-Propylbenzene | 91 | 9.755 | 9.755 | 0.000 | 97 | 14558616 | 500.0 | 478.0 | e |
| 115 1,2,3-Trichloropropane | 110 | 9.790 | 9.778 | 0.012 | 98 | 1170908 | 500.0 | 484.6 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 87 | 1157851 | 500.0 | 546.2 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 97 | 11519195 | 500.0 | 552.2 | |
| 113 4-Ethyltoluene | 105 | 9.870 | 9.870 | 0.000 | 95 | 13236560 | 500.0 | 516.7 | e |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 94 | 11335232 | 500.0 | 525.9 | |
| 110 4-Chlorotoluene | 91 | 9.973 | 9.961 | 0.012 | 96 | 10332934 | 500.0 | 540.9 | |
| 117 Butyl Methacrylate | 87 | 10.030 | 10.030 | 0.000 | 88 | 4064106 | 500.0 | 587.3 | |
| 118 tert-Butylbenzene | 119 | 10.201 | 10.201 | 0.000 | 93 | 9850830 | 500.0 | 535.2 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 96 | 11111242 | 500.0 | 511.4 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 96 | 12746776 | 500.0 | 495.1 | |
| 122 1,3-Dichlorobenzene | 146 | 10.521 | 10.510 | 0.011 | 95 | 7527438 | 500.0 | 574.9 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 94 | 12104828 | 500.0 | 517.7 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 93 | 222930 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.601 | 10.601 | 0.000 | 95 | 7493056 | 500.0 | 568.4 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 98 | 11787939 | 500.0 | 522.5 | e |
| 125 Benzyl chloride | 91 | 10.716 | 10.716 | 0.000 | 99 | 7605965 | 500.0 | 555.5 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 94 | 11395206 | 500.0 | 522.3 | |
| 126 p-Diethylbenzene | 119 | 10.830 | 10.818 | 0.012 | 94 | 6562788 | 500.0 | 557.0 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 98 | 6254376 | 500.0 | 566.9 | |
| 128 1,2-Dichlorobenzene | 146 | 10.898 | 10.898 | 0.000 | 96 | 6863832 | 500.0 | 557.0 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 97 | 10192638 | 500.0 | 540.0 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 92 | 960268 | 500.0 | 498.3 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 94 | 5071452 | 500.0 | 585.2 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | 0.000 | 91 | 4840555 | 500.0 | 599.6 | |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 96 | 1505795 | 500.0 | 490.6 | |
| 134 Naphthalene | 128 | 12.281 | 12.281 | 0.000 | 97 | 10818623 | 500.0 | 515.1 | e |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 95 | 4490054 | 500.0 | 587.3 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 1100.6 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 1022.5 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 1000.0 | 1049.3 | |
| S 139 Total BTEX | 1 | | | | 0 | | 2500.0 | 2632.7 | |

## QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00397 | Amount Added: | 50.00 | Units: uL | |
| ACROLEIN W_00130 | Amount Added: | 40.00 | Units: uL | |
| 8FreonHi_00036 | Amount Added: | 50.00 | Units: uL | |
| Ethanol mix_00056 | Amount Added: | 50.00 | Units: uL | |
| MIX 2 Hi_00115 | Amount Added: | 50.00 | Units: uL | |
| MIX I Hi_00142 | Amount Added: | 50.00 | Units: uL | |
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 21-Sep-2021 08:58:43 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07738.D

Injection Date: 20-Sep-2021 15:02:30 Instrument ID: CVOAMS7

Lims ID: STD500

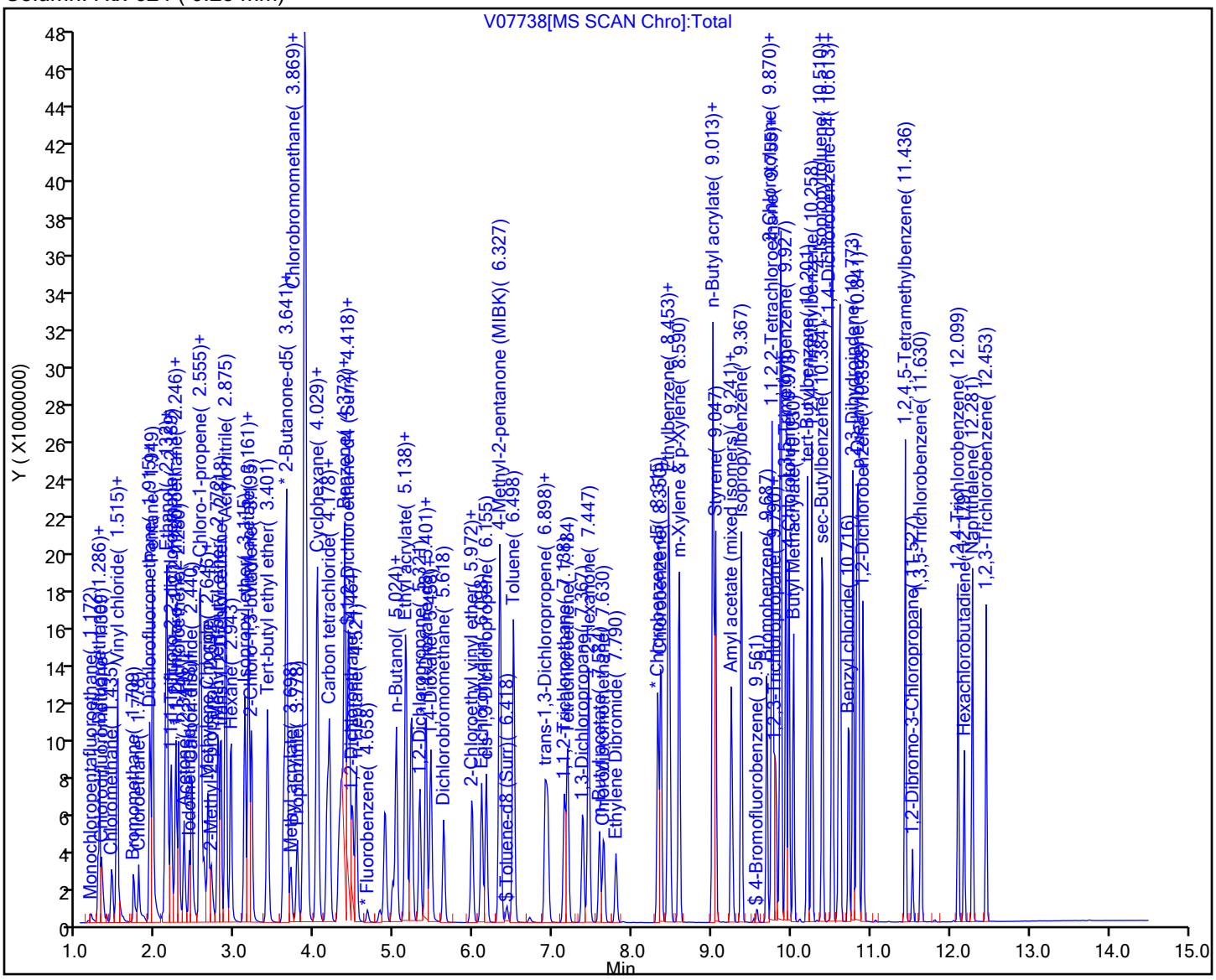
Client ID:

Operator ID: ALS Bottle#: 59 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

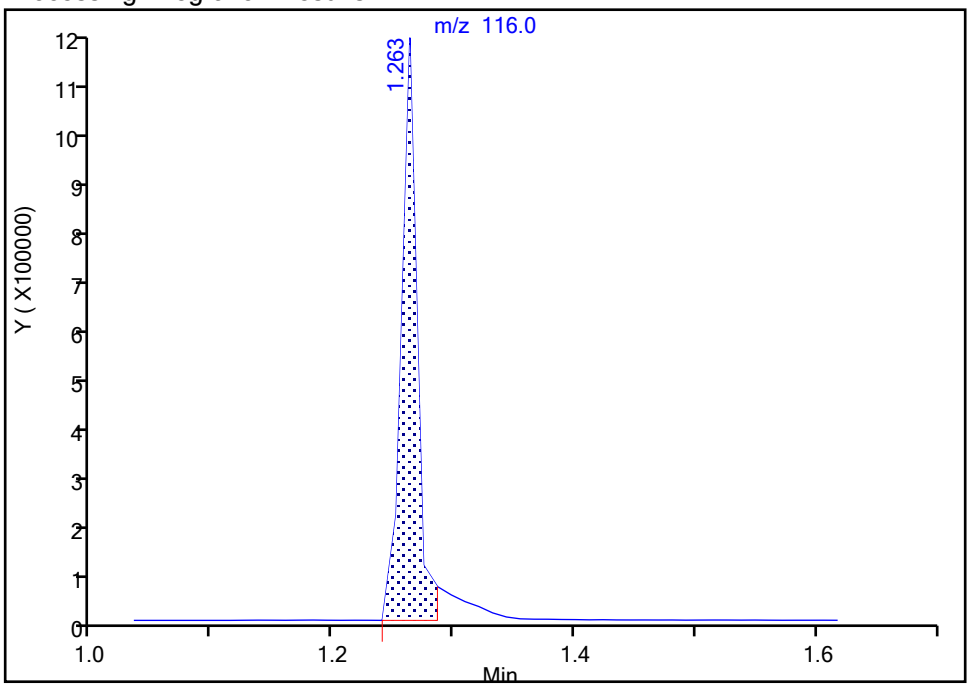
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07738.D
Injection Date: 20-Sep-2021 15:02:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

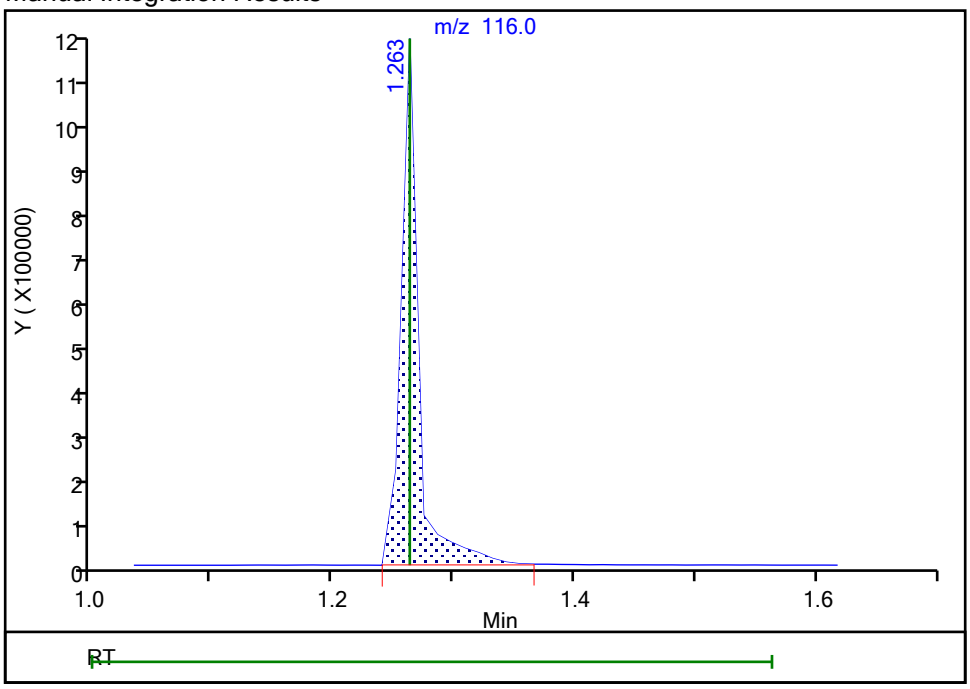
Processing Integration Results

RT: 1.26
Area: 1027456
Amount: 499.4317
Amount Units: ug/l




Manual Integration Results

RT: 1.26
Area: 1116326
Amount: 499.8094
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 07:49:31
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

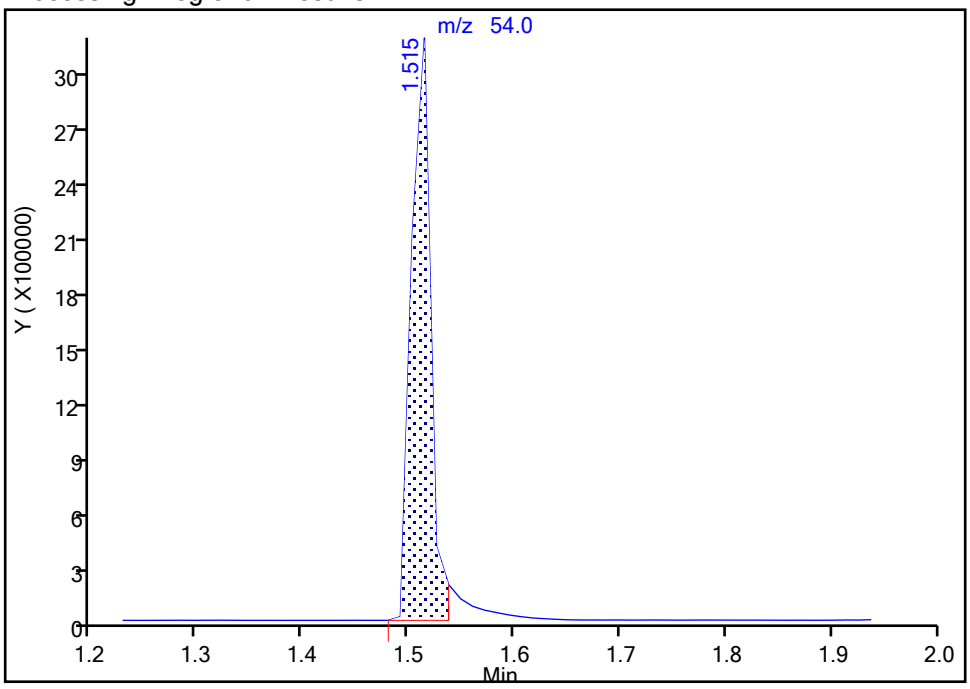
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07738.D
Injection Date: 20-Sep-2021 15:02:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 8 Butadiene, CAS: 106-99-0

Signal: 1

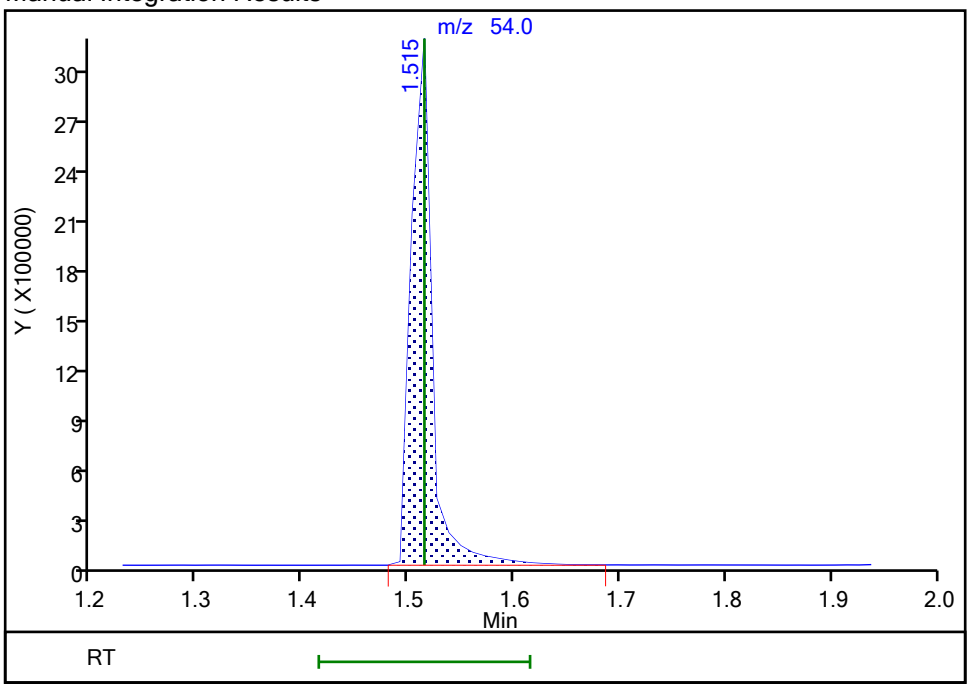
Processing Integration Results

RT: 1.51
Area: 3998070
Amount: 539.9687
Amount Units: ug/l




Manual Integration Results

RT: 1.51
Area: 4252590
Amount: 569.4498
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 07:50:04
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

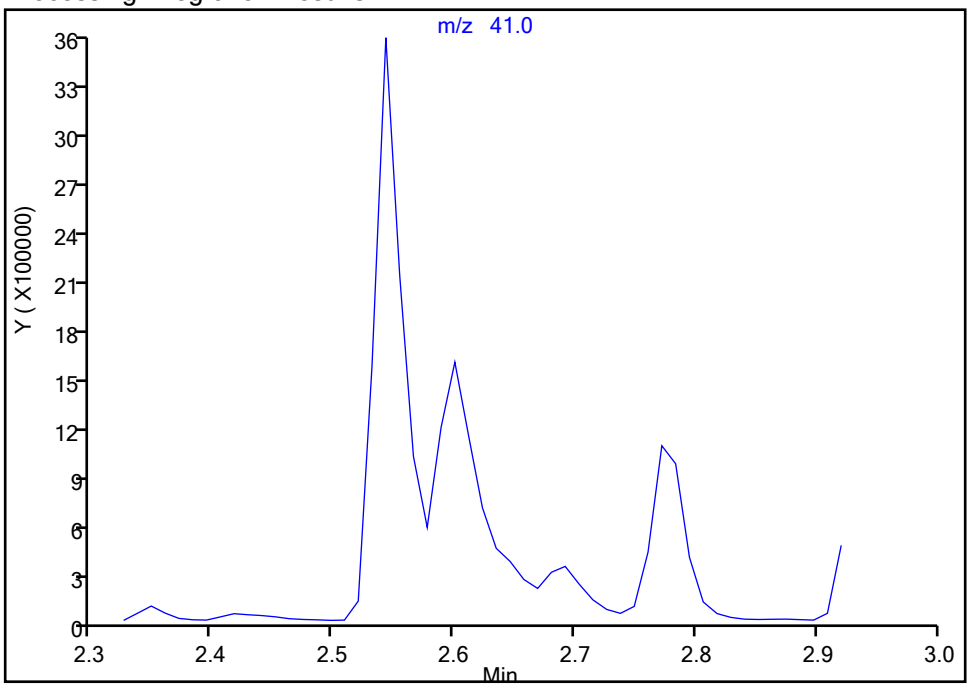
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07738.D
Injection Date: 20-Sep-2021 15:02:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

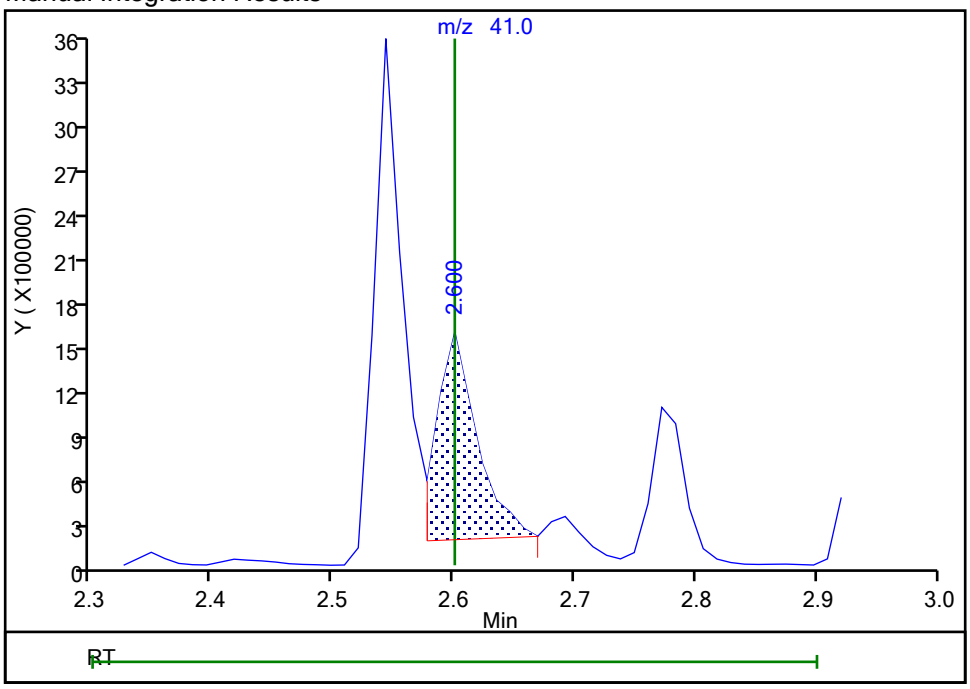
Not Detected
Expected RT: 2.60

Processing Integration Results




Manual Integration Results

RT: 2.60
Area: 3208759
Amount: 4457.0606
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 21:03:28
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

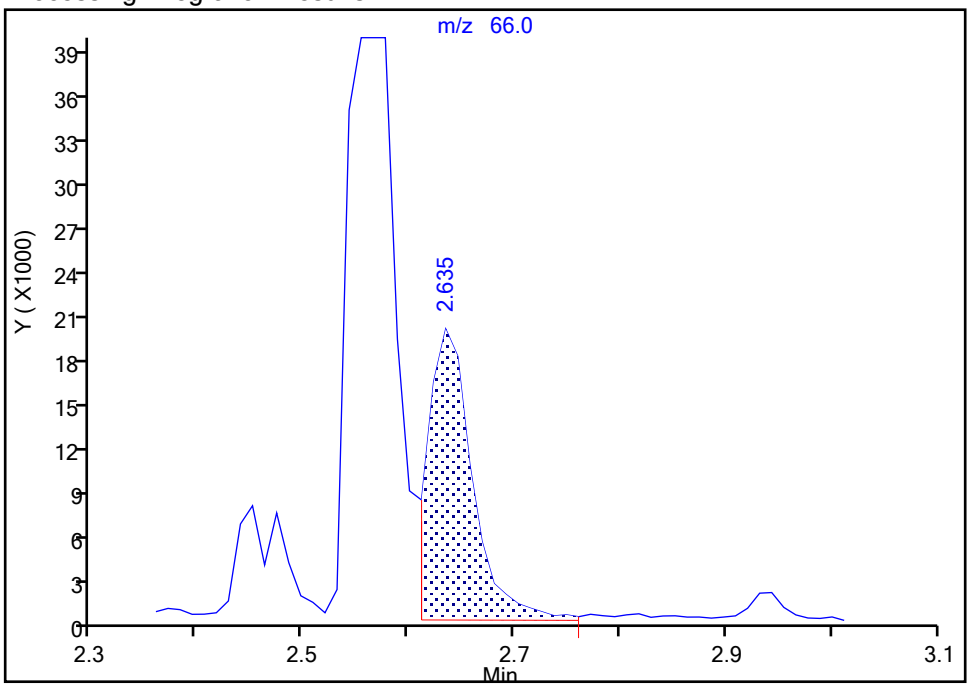
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07738.D
Injection Date: 20-Sep-2021 15:02:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## * 28 TBA-d9 (IS), CAS: 25725-11-5

Signal: 1

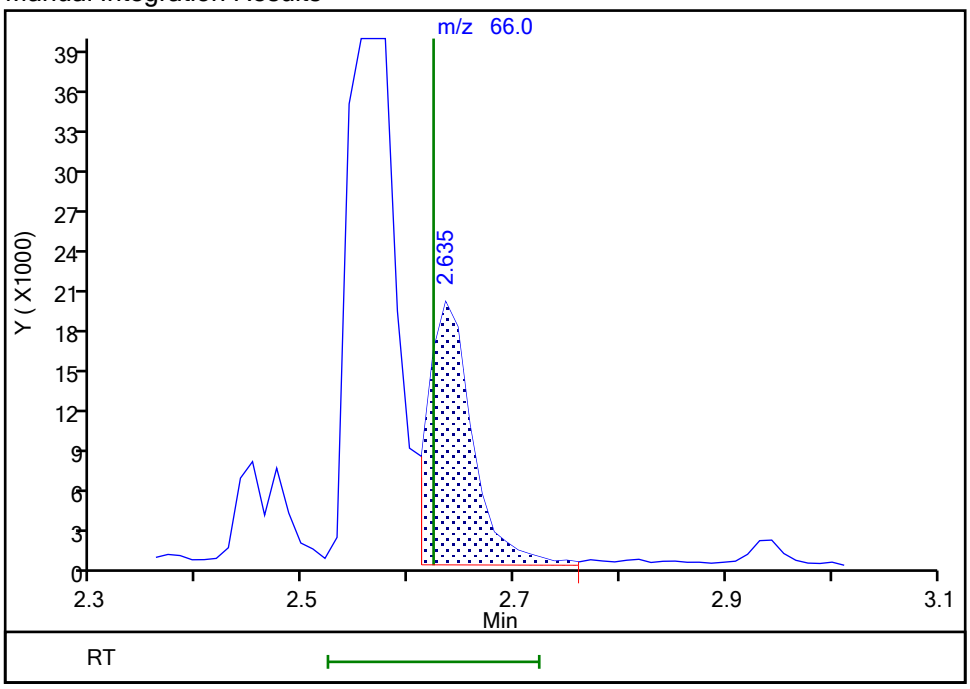
Processing Integration Results

RT: 2.63
Area: 58116
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 2.63
Area: 58097
Amount: 1000.0000
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 21:04:36
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

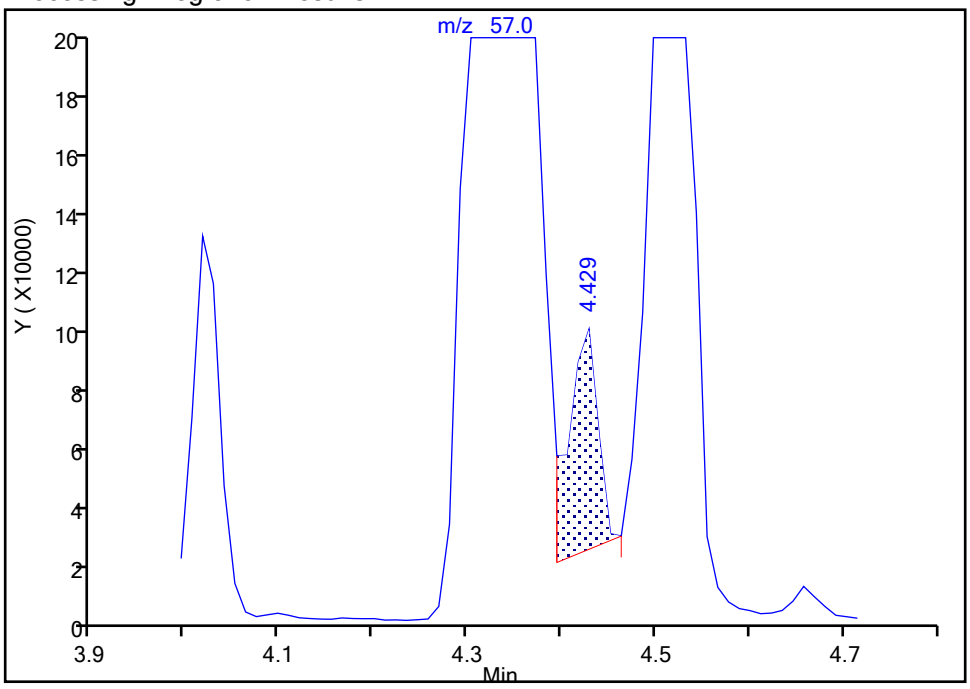
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07738.D
Injection Date: 20-Sep-2021 15:02:30 Instrument ID: CVOAMS7
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 64 Isooctane, CAS: 540-84-1

Signal: 1

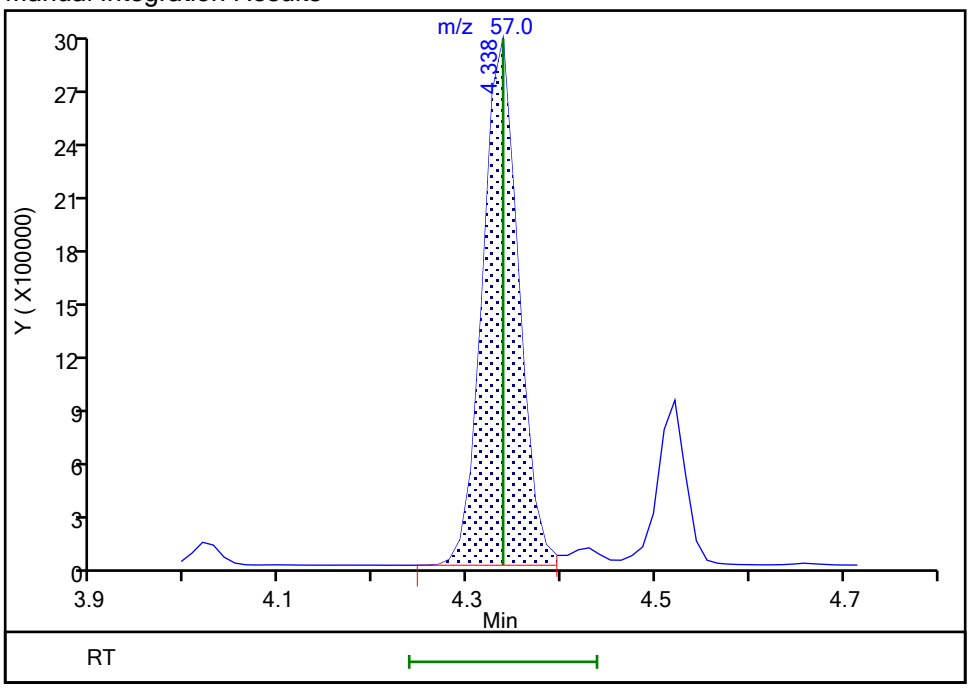
Processing Integration Results

RT: 4.43
Area: 169881
Amount: 12.180435
Amount Units: ug/l




Manual Integration Results

RT: 4.34
Area: 7935187
Amount: 490.8657
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 07:50:25
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 20-Sep-2021 17:09:30 ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0134774-016
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2021 08:58:51 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1676

First Level Reviewer: boykink Date: 20-Sep-2021 18:17:17

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 81 | 1494 | 0.5000 | 0.7352 | M |
| 4 1,1-Difluoroethane | 65 | 1.286 | 1.275 | 0.011 | 74 | 1363 | 0.5000 | 0.6803 | a |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 97 | 1970 | 0.5000 | 0.4280 | M |
| 2 Chlorodifluoromethane | 67 | 1.320 | 1.309 | 0.011 | 99 | 443 | 0.5000 | 0.5237 | M |
| 6 Chloromethane | 50 | 1.435 | 1.435 | 0.000 | 62 | 2441 | 0.5000 | 0.5395 | M |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 74 | 2264 | 0.5000 | 0.4230 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 97 | 2559 | 0.5000 | 0.4986 | |
| 9 Bromomethane | 94 | 1.732 | 1.720 | 0.012 | 67 | 2079 | 0.5000 | 0.5852 | |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 95 | 1712 | 0.5000 | 0.4969 | |
| 11 Dichlorofluoromethane | 67 | 1.926 | 1.915 | 0.011 | 89 | 3700 | 0.5000 | 0.5189 | |
| 12 Trichlorofluoromethane | 101 | 1.938 | 1.926 | 0.012 | 88 | 3694 | 0.5000 | 0.5622 | |
| 13 Pentane | 72 | 1.961 | 1.960 | 0.001 | 92 | 932 | 1.00 | 1.19 | |
| 17 Ethanol | 46 | 2.086 | 2.075 | 0.011 | 56 | 510 | 20.0 | 26.7 | |
| 14 Ethyl ether | 74 | 2.121 | 2.109 | 0.012 | 71 | 1318 | 0.5000 | 0.5414 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 91 | 1985 | 0.5000 | 0.5187 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 86 | 1993 | 0.5000 | 0.5463 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 84 | 2409 | 0.5000 | 0.4199 | |
| 18 112TCTFE | 101 | 2.258 | 2.246 | 0.012 | 86 | 2164 | 0.5000 | 0.5495 | |
| 52 Acrolein | 56 | 2.269 | 2.258 | 0.011 | 27 | 2015 | 5.07 | 5.11 | M |
| 20 1,1-Dichloroethene | 96 | 2.292 | 2.280 | 0.012 | 95 | 1798 | 0.5000 | 0.4748 | |
| 23 Acetone | 43 | 2.361 | 2.349 | 0.012 | 84 | 4402 | 2.50 | 3.26 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 77 | 1710 | 0.5000 | 0.3013 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 68 | 1135 | 5.00 | 5.01 | M |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 99 | 9329 | 0.5000 | 0.5426 | |
| 30 Methyl acetate | 43 | 2.555 | 2.543 | 0.012 | 97 | 3451 | 1.00 | 1.05 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 80 | 1321 | 0.5000 | 0.5226 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 89 | 4867 | 0.5000 | 0.4837 | |
| 27 Acetonitrile | 41 | 2.623 | 2.600 | 0.023 | 20 | 2318 | 5.00 | 6.06 | a |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 33521 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 67 | 2858 | 0.5000 | 0.6405 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 2-Methyl-2-propanol | 59 | 2.692 | 2.680 | 0.012 | 93 | 3799 | 5.00 | 5.58 | |
| 32 Methyl tert-butyl ether | 73 | 2.783 | 2.772 | 0.011 | 92 | 5588 | 0.5000 | 0.4617 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 96 | 2739 | 0.5000 | 0.6112 | |
| 35 Acrylonitrile | 53 | 2.886 | 2.863 | 0.023 | 94 | 8997 | 5.00 | 5.26 | |
| 36 Hexane | 57 | 2.944 | 2.943 | 0.001 | 87 | 2997 | 0.5000 | 0.5306 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 91 | 5803 | 0.5000 | 0.5175 | |
| 40 Vinyl acetate | 86 | 3.172 | 3.161 | 0.012 | 96 | 715 | 1.00 | 0.8847 | |
| 38 1,1-Dichloroethane | 63 | 3.161 | 3.161 | 0.001 | 83 | 3504 | 0.5000 | 0.4656 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.206 | 3.206 | 0.000 | 80 | 2110 | 0.5000 | 0.5213 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | 0.000 | 97 | 5711 | 0.5000 | 0.4813 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.583 | 0.012 | 99 | 208158 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 47 | 1085 | 0.5000 | 0.6478 | M |
| 47 Ethyl acetate | 70 | 3.652 | 3.641 | 0.011 | 90 | 939 | 1.00 | 1.71 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 67 | 1627 | 2.50 | 2.73 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 44 | 2798 | 0.5000 | 0.5704 | |
| 46 Methyl acrylate | 55 | 3.709 | 3.698 | 0.011 | 85 | 1756 | 0.5000 | 0.4797 | |
| 48 Propionitrile | 54 | 3.789 | 3.766 | 0.023 | 85 | 3639 | 5.00 | 5.49 | |
| 50 Tetrahydrofuran | 72 | 3.858 | 3.846 | 0.012 | 35 | 1095 | 1.00 | 1.42 | |
| 49 Chlorobromomethane | 128 | 3.858 | 3.846 | 0.012 | 51 | 1315 | 0.5000 | 0.5573 | |
| 54 Methacrylonitrile | 67 | 3.869 | 3.858 | 0.011 | 88 | 9769 | 5.00 | 4.65 | |
| 51 Chloroform | 83 | 3.892 | 3.892 | 0.000 | 70 | 4182 | 0.5000 | 0.5456 | |
| 53 Cyclohexane | 84 | 4.029 | 4.018 | 0.011 | 31 | 3646 | 0.5000 | 0.5207 | a |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 39 | 3951 | 0.5000 | 0.5639 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 96 | 126088 | 50.0 | 50.9 | |
| 57 Carbon tetrachloride | 117 | 4.144 | 4.155 | -0.011 | 92 | 2770 | 0.5000 | 0.4746 | |
| 58 1,1-Dichloropropene | 75 | 4.189 | 4.178 | 0.011 | 93 | 3064 | 0.5000 | 0.5060 | |
| 61 Isobutyl alcohol | 43 | 4.326 | 4.292 | 0.034 | 60 | 3486 | 12.5 | 14.3 | |
| 64 Isooctane | 57 | 4.338 | 4.338 | 0.000 | 83 | 5905 | 0.5000 | 0.5315 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 50 | 8653 | 0.5000 | 0.5010 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.395 | 0.000 | 96 | 125005 | 50.0 | 48.0 | |
| 66 Isopropyl acetate | 61 | 4.407 | 4.418 | -0.012 | 36 | 1670 | 0.5000 | 0.6520 | M |
| 62 Tert-amyl methyl ether | 73 | 4.441 | 4.429 | 0.012 | 83 | 7078 | 0.5000 | 0.5580 | |
| 63 1,2-Dichloroethane | 62 | 4.464 | 4.463 | 0.001 | 76 | 3358 | 0.5000 | 0.5936 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 76 | 868 | 0.5000 | 0.6882 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 435068 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 5.058 | 4.978 | 0.080 | 58 | 495 | 12.5 | 12.6 | M |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 93 | 2537 | 0.5000 | 0.5440 | |
| 71 Ethyl acrylate | 99 | 5.161 | 5.138 | 0.023 | 84 | 284 | 0.5000 | 0.3851 | |
| 72 Methylcyclohexane | 83 | 5.149 | 5.138 | 0.011 | 90 | 4556 | 0.5000 | 0.6019 | |
| 73 1,2-Dichloropropane | 63 | 5.321 | 5.321 | 0.000 | 71 | 2192 | 0.5000 | 0.5454 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.389 | 0.000 | 86 | 21566 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.412 | 5.389 | 0.023 | 56 | 1241 | 1.00 | 0.9551 | |
| 78 1,4-Dioxane | 88 | 5.435 | 5.446 | -0.011 | 20 | 1614 | 25.0 | 26.4 | |
| 77 n-Propyl acetate | 43 | 5.469 | 5.458 | 0.011 | 96 | 2876 | 0.5000 | 0.4946 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 74 | 1484 | 0.5000 | 0.5555 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 95 | 2715 | 0.5000 | 0.4947 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.995 | 5.972 | 0.023 | 65 | 1237 | 0.5012 | 0.4778 | |
| 34 2-Nitropropane | 41 | 5.984 | 5.972 | 0.012 | 88 | 1828 | 1.00 | 1.11 | |
| 80 Epichlorohydrin | 57 | 6.098 | 6.087 | 0.012 | 91 | 4926 | 10.0 | 11.1 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 82 | 3805 | 0.5000 | 0.5421 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.327 | 6.327 | 0.000 | 95 | 9591 | 2.50 | 2.66 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.418 | 6.407 | 0.011 | 98 | 538325 | 50.0 | 49.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 91 | 10146 | 0.5000 | 0.5362 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 95 | 3645 | 0.5000 | 0.5606 | |
| 86 Ethyl methacrylate | 69 | 6.932 | 6.932 | 0.000 | 77 | 2230 | 0.5000 | 0.4239 | |
| 87 1,1,2-Trichloroethane | 83 | 7.150 | 7.138 | 0.012 | 82 | 1917 | 0.5000 | 0.5678 | |
| 88 Tetrachloroethene | 166 | 7.184 | 7.184 | 0.000 | 90 | 2524 | 0.5000 | 0.5138 | |
| 89 1,3-Dichloropropane | 76 | 7.378 | 7.367 | 0.011 | 88 | 2832 | 0.5000 | 0.4454 | |
| 91 2-Hexanone | 43 | 7.458 | 7.435 | 0.023 | 92 | 5405 | 2.50 | 2.27 | |
| 92 n-Butyl acetate | 43 | 7.595 | 7.584 | 0.011 | 80 | 2775 | 0.5000 | 0.4759 | |
| 90 Chlorodibromomethane | 129 | 7.630 | 7.630 | 0.000 | 86 | 1665 | 0.5000 | 0.4118 | |
| 93 Ethylene Dibromide | 107 | 7.790 | 7.790 | 0.000 | 65 | 2245 | 0.5000 | 0.5374 | |
| * 94 Chlorobenzene-d5 | 117 | 8.327 | 8.315 | 0.012 | 84 | 328499 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.361 | 8.350 | 0.011 | 92 | 5815 | 0.5000 | 0.4893 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 3012 | 0.5000 | 0.4749 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 51 | 2453 | 0.5000 | 0.5623 | |
| 98 m-Xylene & p-Xylene | 106 | 8.578 | 8.590 | -0.012 | 96 | 4225 | 0.5000 | 0.5378 | |
| 99 n-Butyl acrylate | 73 | 9.024 | 9.013 | 0.012 | 67 | 1836 | 0.5000 | 0.5284 | |
| 100 o-Xylene | 106 | 9.013 | 9.013 | 0.001 | 91 | 3986 | 0.5000 | 0.5250 | |
| 101 Styrene | 104 | 9.047 | 9.047 | 0.000 | 87 | 5816 | 0.5000 | 0.4670 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 89 | 3286 | 0.5000 | 0.5161 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | 0.000 | 61 | 1388 | 0.5000 | 0.4652 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 97 | 8888 | 0.5000 | 0.4697 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 155380 | 50.0 | 50.1 | |
| 107 Bromobenzene | 156 | 9.698 | 9.687 | 0.011 | 91 | 2811 | 0.5000 | 0.5727 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 74 | 2394 | 0.5000 | 0.4695 | |
| 109 N-Propylbenzene | 91 | 9.756 | 9.755 | 0.001 | 98 | 11021 | 0.5000 | 0.5082 | |
| 115 1,2,3-Trichloropropane | 110 | 9.790 | 9.778 | 0.012 | 74 | 1343 | 0.5000 | 0.5441 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 71 | 887 | 0.5000 | 0.5876 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 94 | 7536 | 0.5000 | 0.5073 | |
| 113 4-Ethyltoluene | 105 | 9.870 | 9.870 | 0.000 | 95 | 8977 | 0.5000 | 0.4921 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 97 | 8477 | 0.5000 | 0.5522 | |
| 110 4-Chlorotoluene | 91 | 9.973 | 9.961 | 0.012 | 95 | 6902 | 0.5000 | 0.5073 | |
| 117 Butyl Methacrylate | 87 | 10.030 | 10.030 | 0.000 | 89 | 2350 | 0.5000 | 0.4769 | |
| 118 tert-Butylbenzene | 119 | 10.201 | 10.201 | 0.000 | 92 | 5926 | 0.5000 | 0.4521 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.259 | 10.258 | 0.000 | 97 | 8433 | 0.5000 | 0.5451 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 98 | 9600 | 0.5000 | 0.5236 | |
| 122 1,3-Dichlorobenzene | 146 | 10.521 | 10.510 | 0.011 | 87 | 5528 | 0.5000 | 0.5929 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 97 | 9037 | 0.5000 | 0.5427 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.579 | 10.578 | 0.001 | 94 | 158758 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.601 | 10.601 | 0.000 | 92 | 5103 | 0.5000 | 0.5436 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 98 | 8881 | 0.5000 | 0.5527 | a |
| 125 Benzyl chloride | 91 | 10.727 | 10.716 | 0.011 | 85 | 4832 | 0.5000 | 0.4955 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 96 | 7713 | 0.5000 | 0.4965 | |
| 126 p-Diethylbenzene | 119 | 10.819 | 10.818 | 0.001 | 94 | 4366 | 0.5000 | 0.5203 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 95 | 4350 | 0.5000 | 0.5537 | |
| 128 1,2-Dichlorobenzene | 146 | 10.899 | 10.898 | 0.001 | 91 | 4759 | 0.5000 | 0.5423 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 97 | 7350 | 0.5000 | 0.5468 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 31 | 656 | 0.5000 | 0.4780 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 91 | 3251 | 0.5000 | 0.5268 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | 0.000 | 93 | 3409 | 0.5000 | 0.5930 | |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 86 | 1521 | 0.5000 | 0.6958 | |
| 134 Naphthalene | 128 | 12.282 | 12.281 | 0.001 | 99 | 9421 | 0.5000 | 0.6299 | |
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 95 | 3250 | 0.5000 | 0.5969 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1.00 | 1.18 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 1.00 | 1.06 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 1.00 | 1.10 | |
| S 139 Total BTEX | 1 | | | | 0 | | 2.50 | 2.57 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00439 | Amount Added: 5.00 | Units: uL | | |
| ACROLEIN W_00130 | Amount Added: 5.00 | Units: uL | | |
| 8260MIX1COMB_00143 | Amount Added: 5.00 | Units: uL | | |
| 524freon_00042 | Amount Added: 5.00 | Units: uL | | |
| 14DIOXINTER_00133 | Amount Added: 15.00 | Units: uL | | |
| 8260ISNEW_00119 | Amount Added: 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00220 | Amount Added: 1.00 | Units: uL | Run Reagent | |

Report Date: 21-Sep-2021 08:58:52 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7

Lims ID: STD05

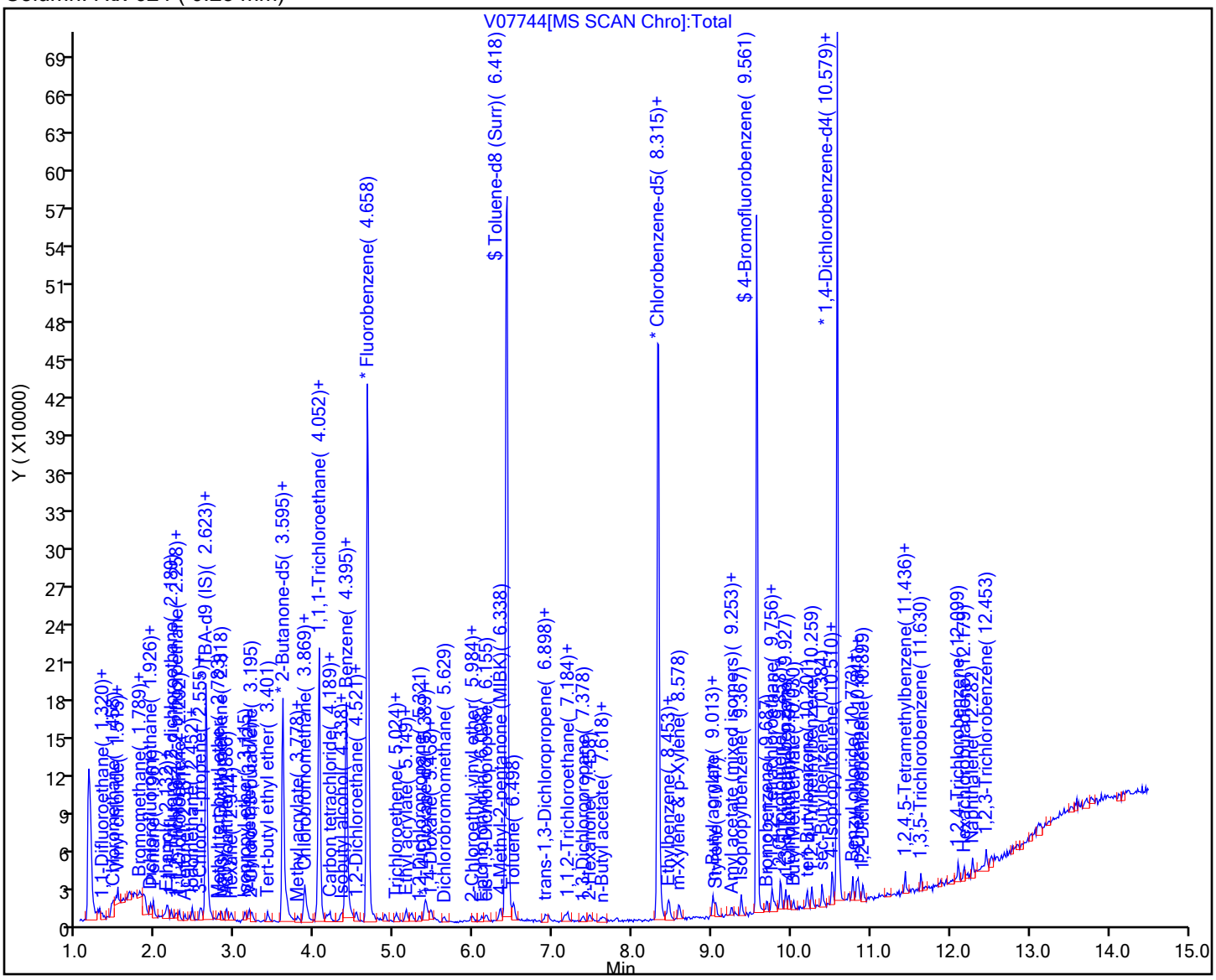
Client ID:

Operator ID: ALS Bottle#: 65 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

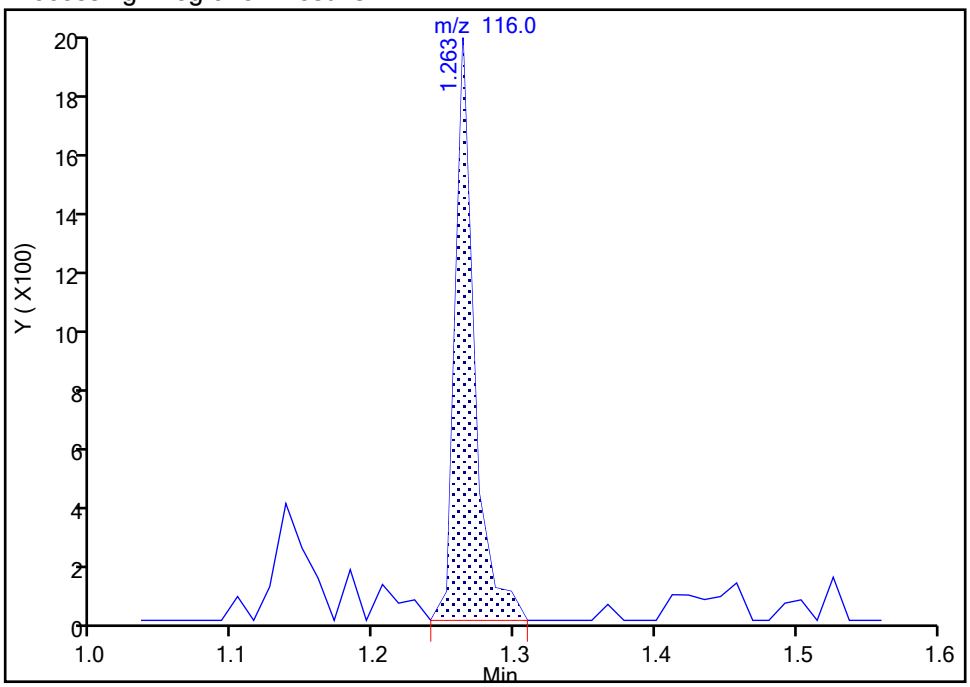
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 3 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

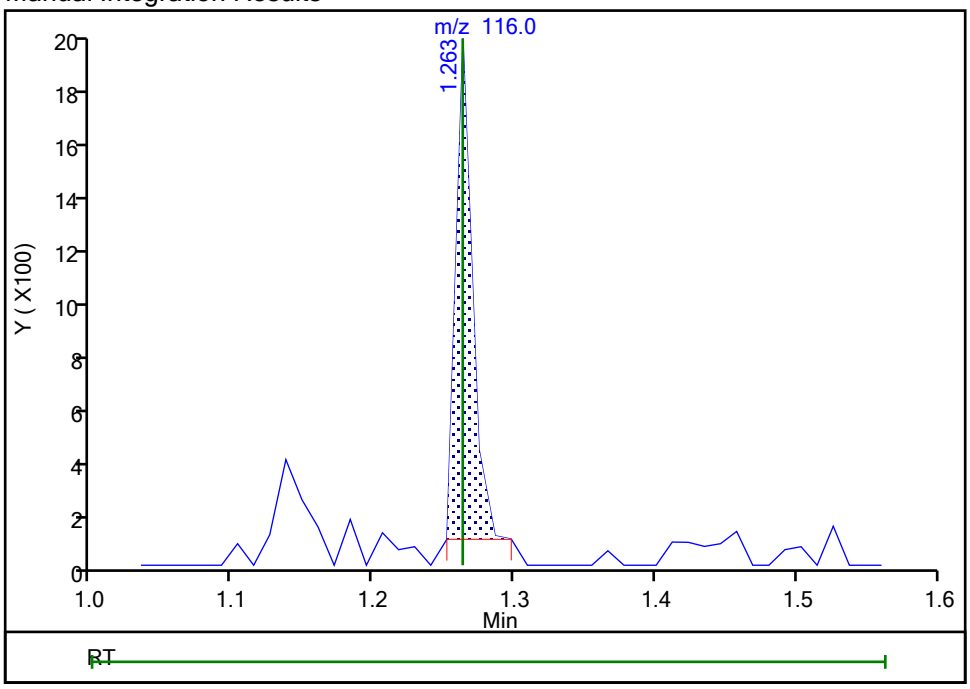
Processing Integration Results

RT: 1.26
Area: 1820
Amount: 0.979783
Amount Units: ug/l




Manual Integration Results

RT: 1.26
Area: 1494
Amount: 0.735180
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 21:00:33
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

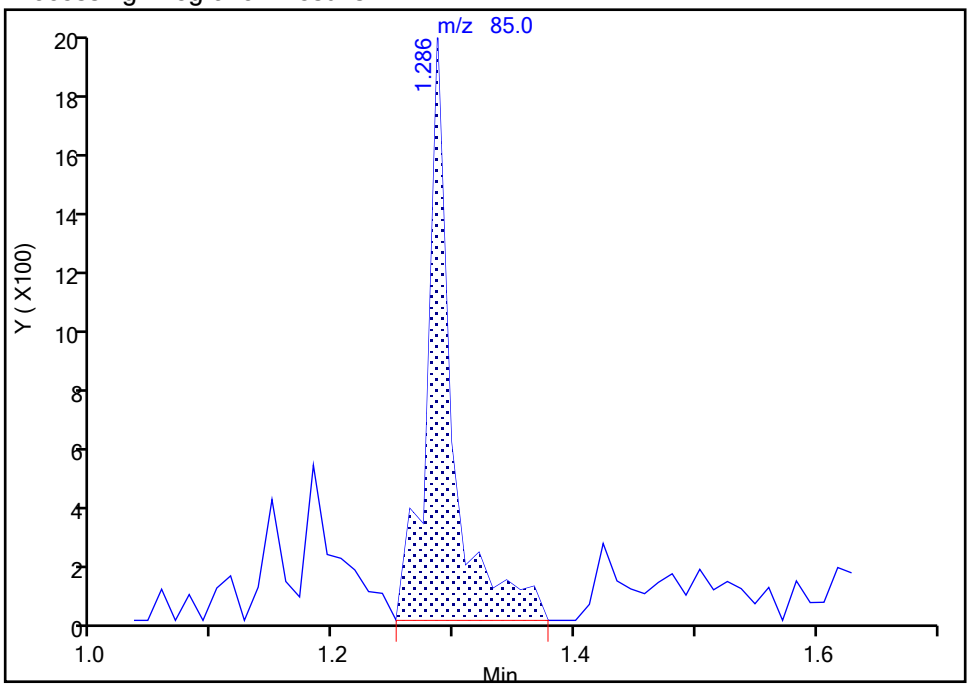
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

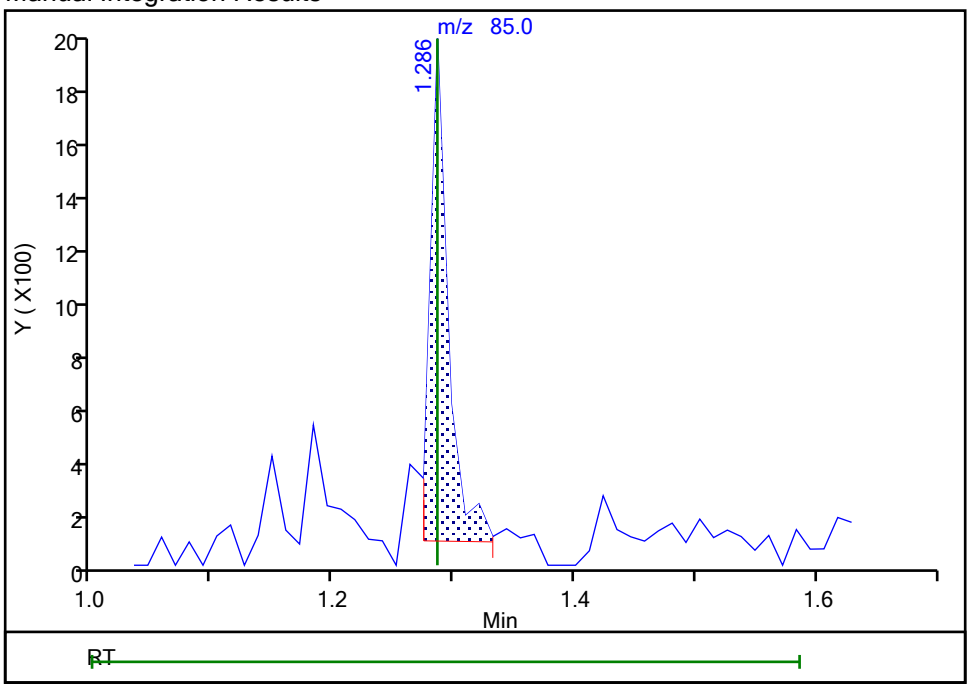
Processing Integration Results

RT: 1.29
Area: 2837
Amount: 0.803438
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 1970
Amount: 0.428027
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 08:06:55
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

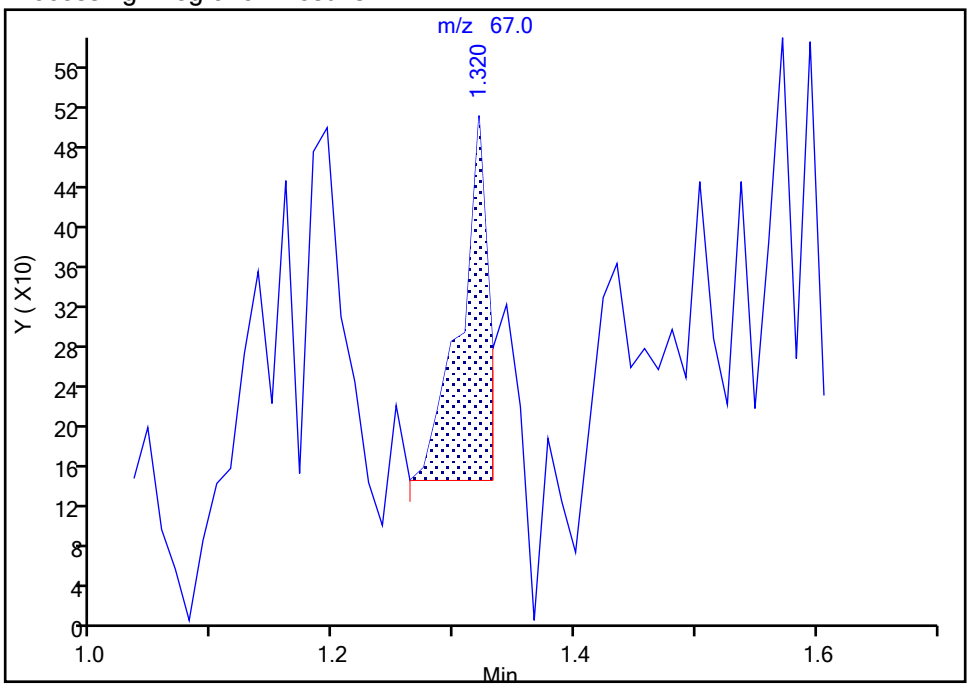
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 2 Chlorodifluoromethane, CAS: 75-45-6

Signal: 2

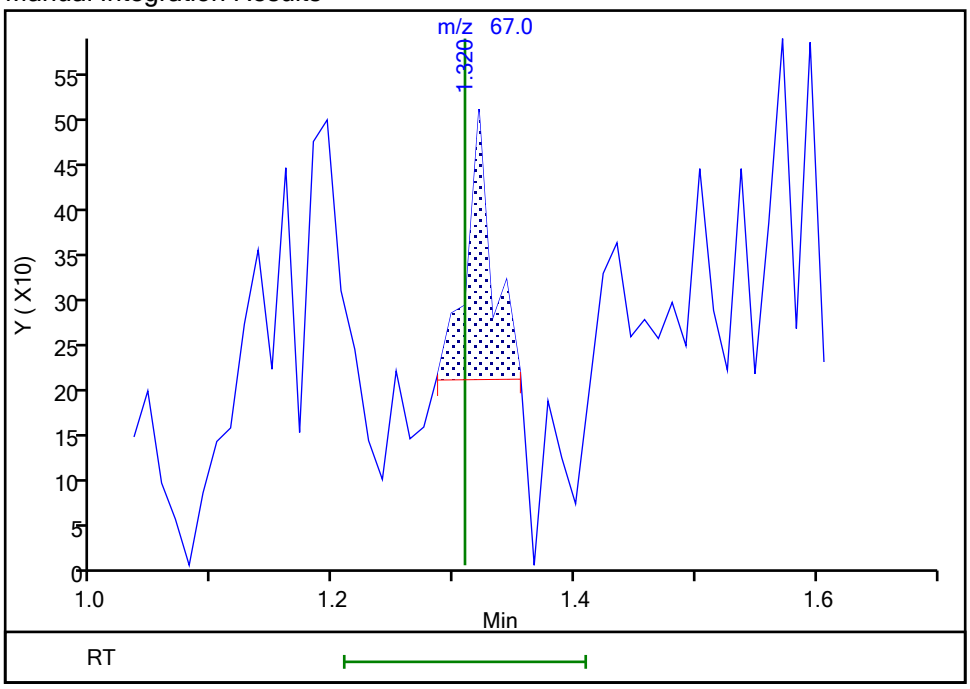
Processing Integration Results

RT: 1.32
Area: 595
Amount: 0.647994
Amount Units: ug/l




Manual Integration Results

RT: 1.32
Area: 443
Amount: 0.523713
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 21:01:35
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison

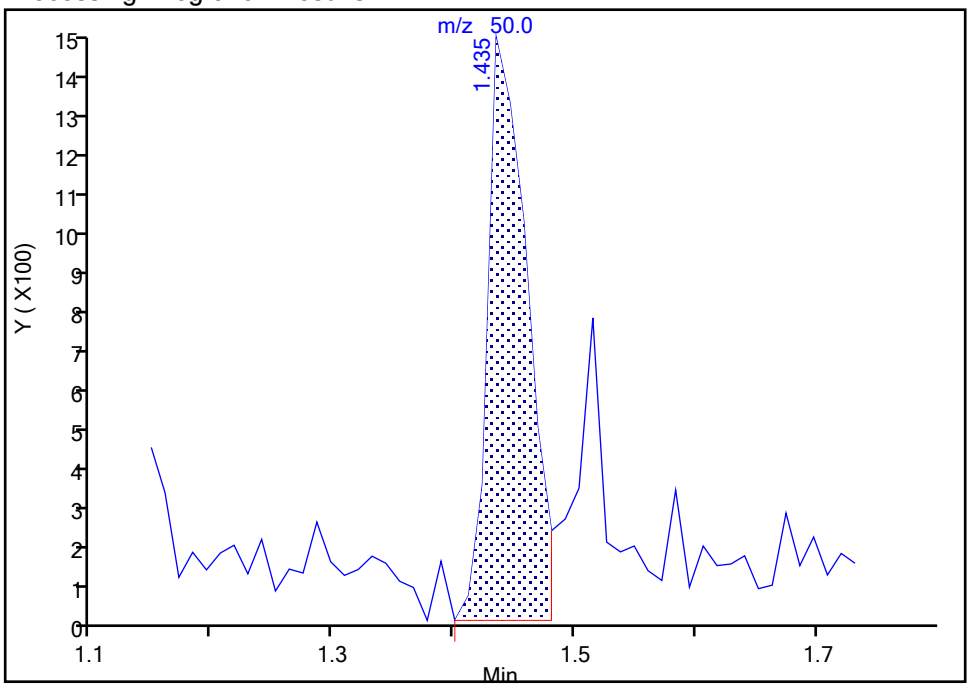
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

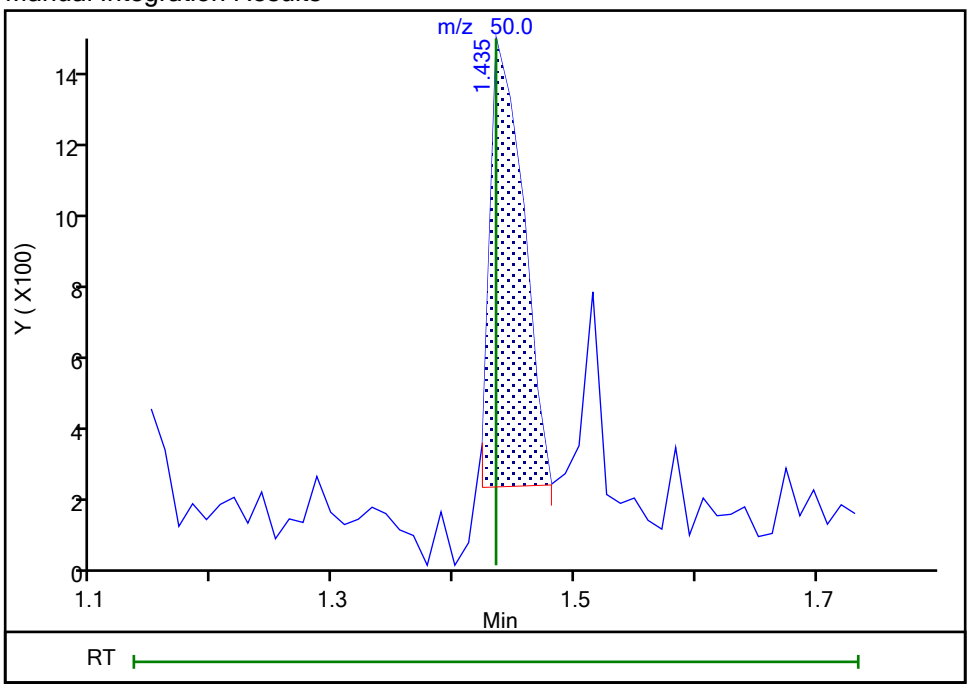
Processing Integration Results

RT: 1.43
Area: 3405
Amount: 0.888723
Amount Units: ug/l




Manual Integration Results

RT: 1.43
Area: 2441
Amount: 0.539451
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 20:59:28
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

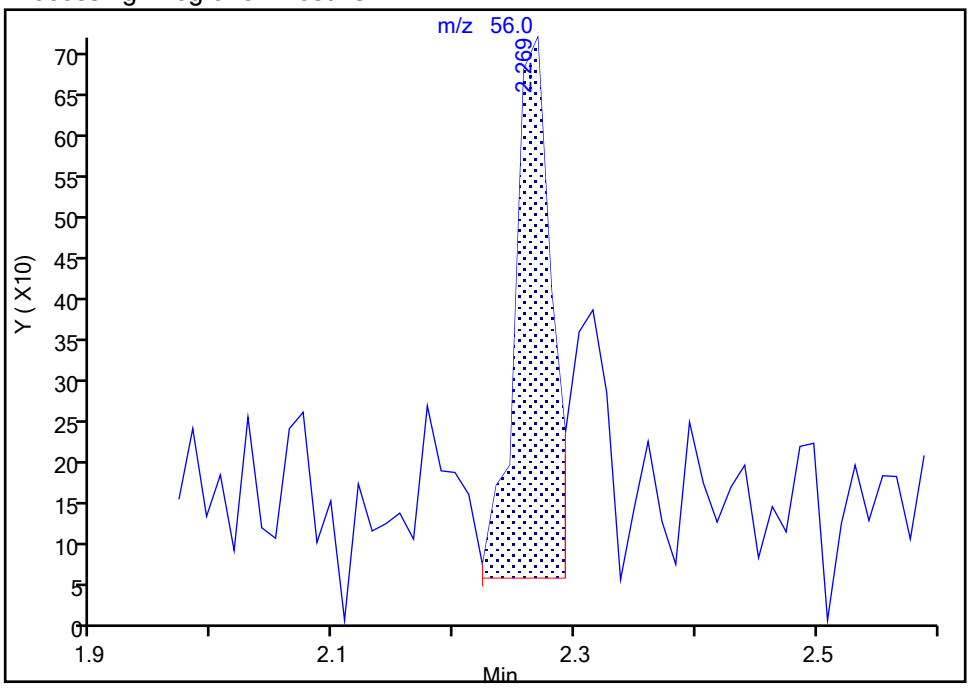
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 52 Acrolein, CAS: 107-02-8

Signal: 1

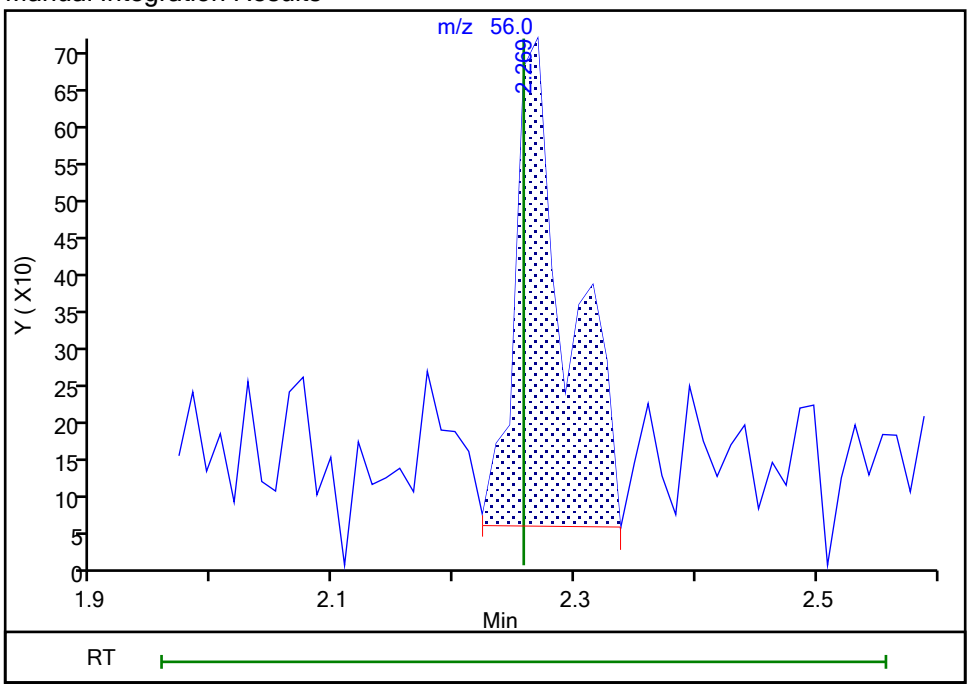
Processing Integration Results

RT: 2.27
Area: 1434
Amount: 4.119757
Amount Units: ug/l




Manual Integration Results

RT: 2.27
Area: 2015
Amount: 5.106905
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 08:21:38
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

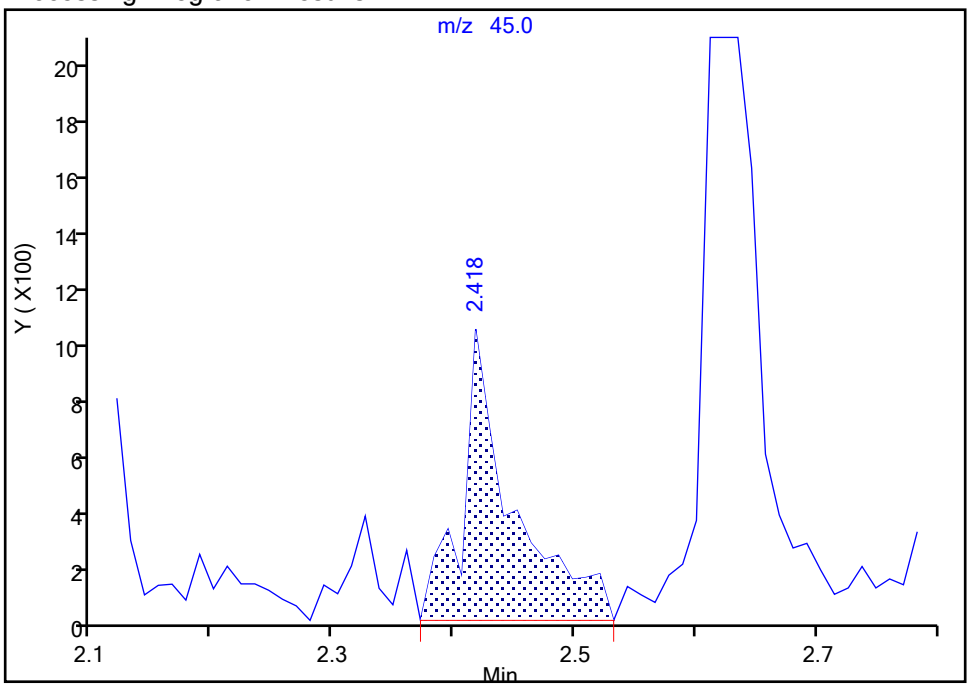
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

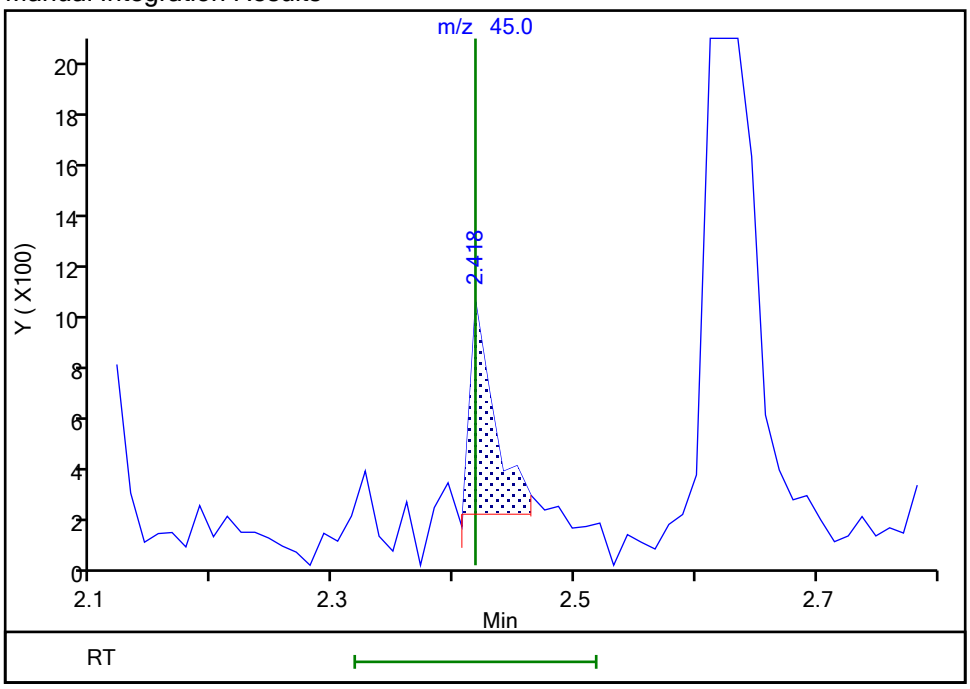
Processing Integration Results

RT: 2.42
Area: 2913
Amount: 10.103399
Amount Units: ug/l




Manual Integration Results

RT: 2.42
Area: 1135
Amount: 5.009555
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 20:49:01
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

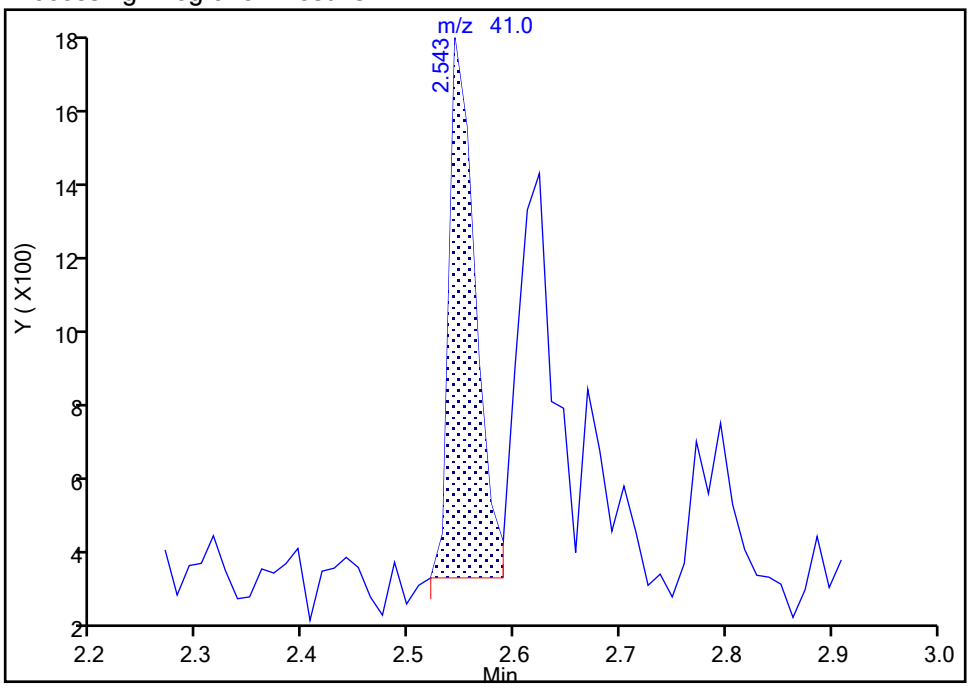
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

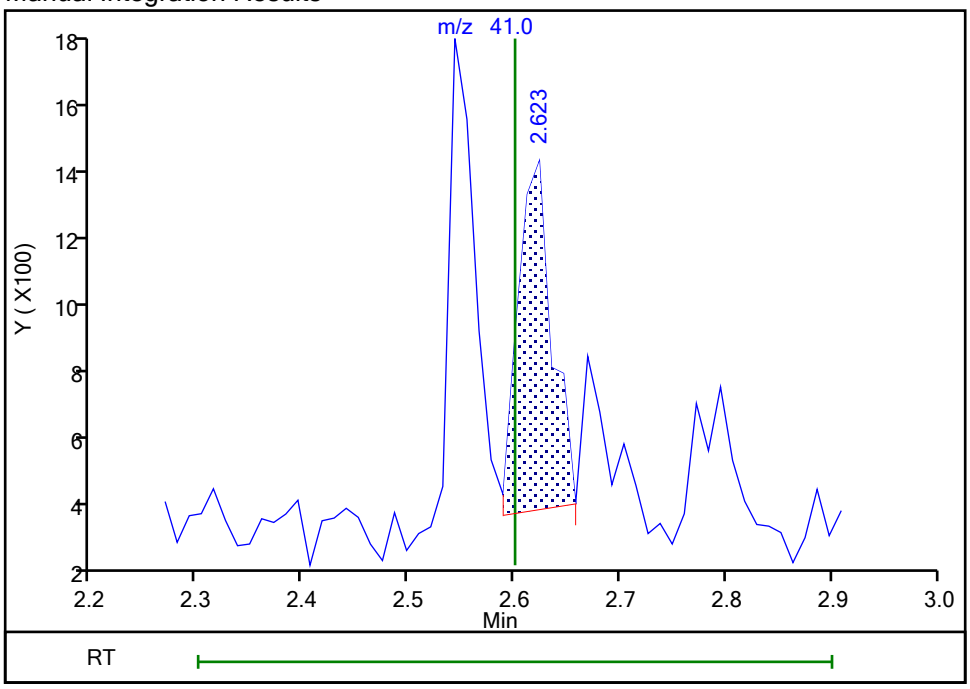
Processing Integration Results

RT: 2.54
Area: 2506
Amount: 7.911339
Amount Units: ug/l




Manual Integration Results

RT: 2.62
Area: 2318
Amount: 6.058627
Amount Units: ug/l




Reviewer: kluseys, 20-Sep-2021 20:56:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

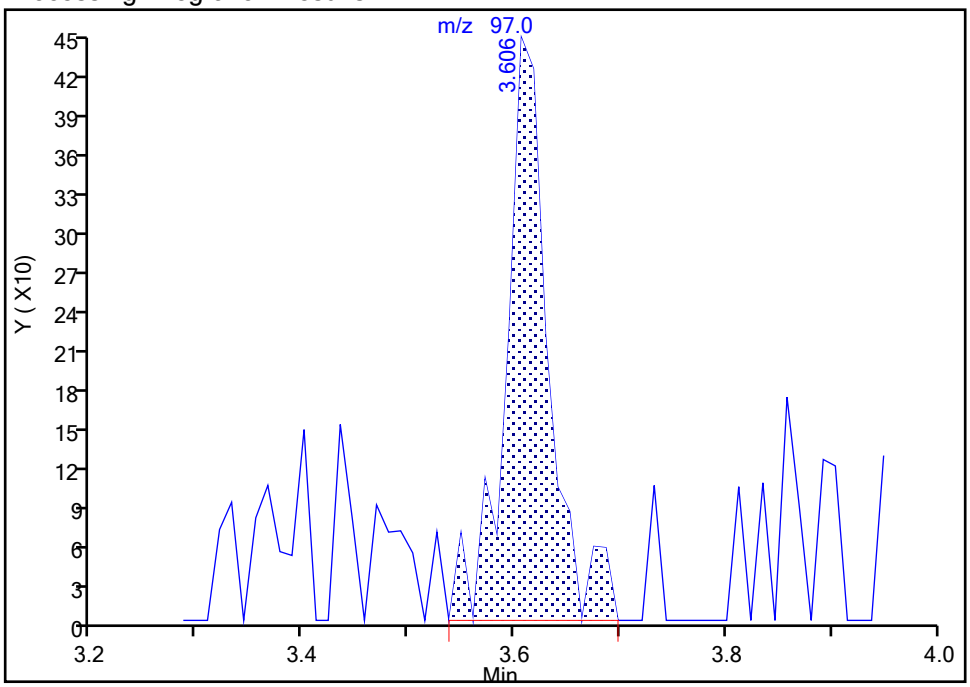
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

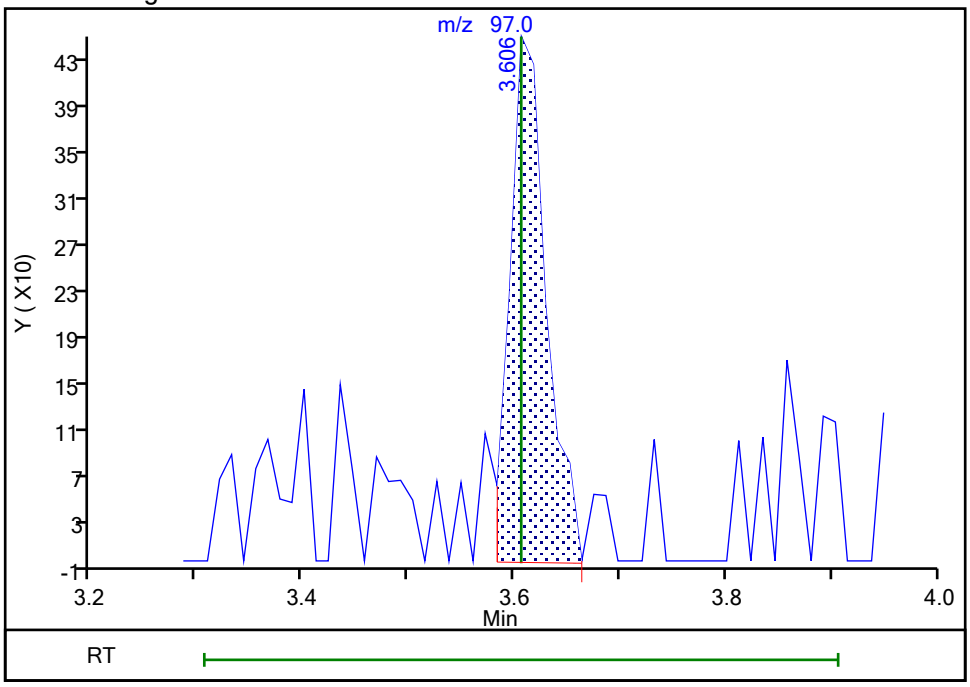
Processing Integration Results

RT: 3.61
Area: 1276
Amount: 0.826011
Amount Units: ug/l




Manual Integration Results

RT: 3.61
Area: 1085
Amount: 0.647795
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 08:08:19
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

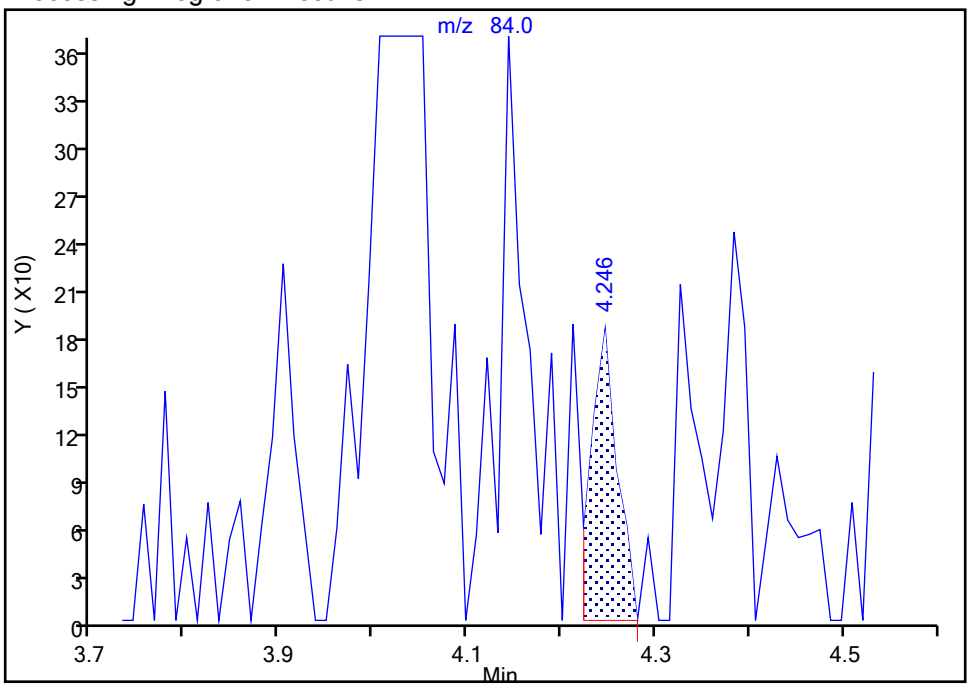
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 53 Cyclohexane, CAS: 110-82-7

Signal: 1

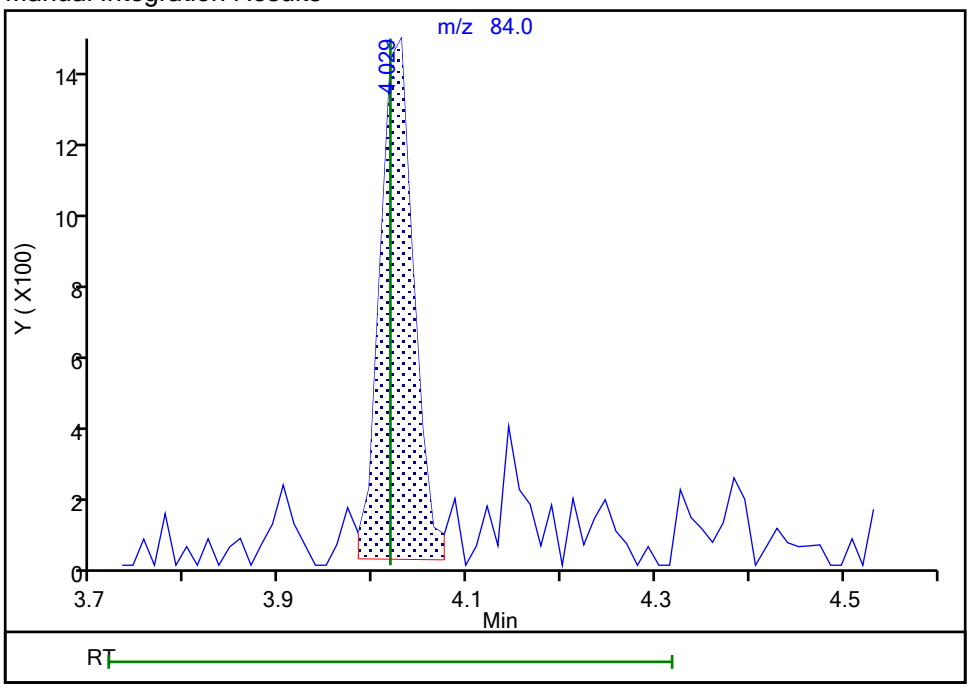
Processing Integration Results

RT: 4.25
Area: 361
Amount: 0.055788
Amount Units: ug/l




Manual Integration Results

RT: 4.03
Area: 3646
Amount: 0.520743
Amount Units: ug/l




Reviewer: boykink, 20-Sep-2021 18:13:47
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

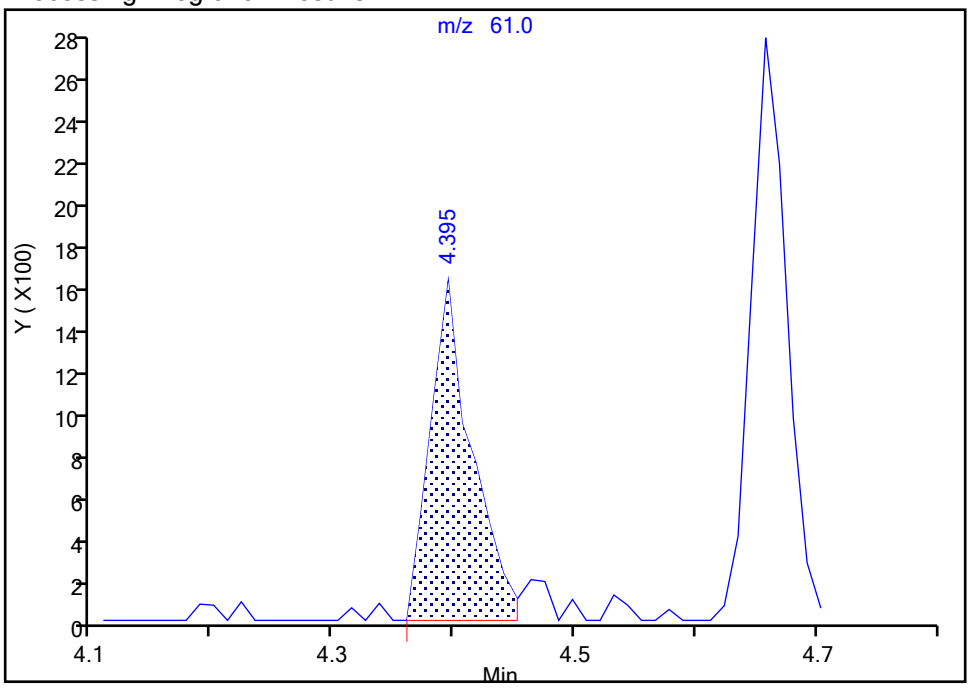
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 66 Isopropyl acetate, CAS: 108-21-4

Signal: 1

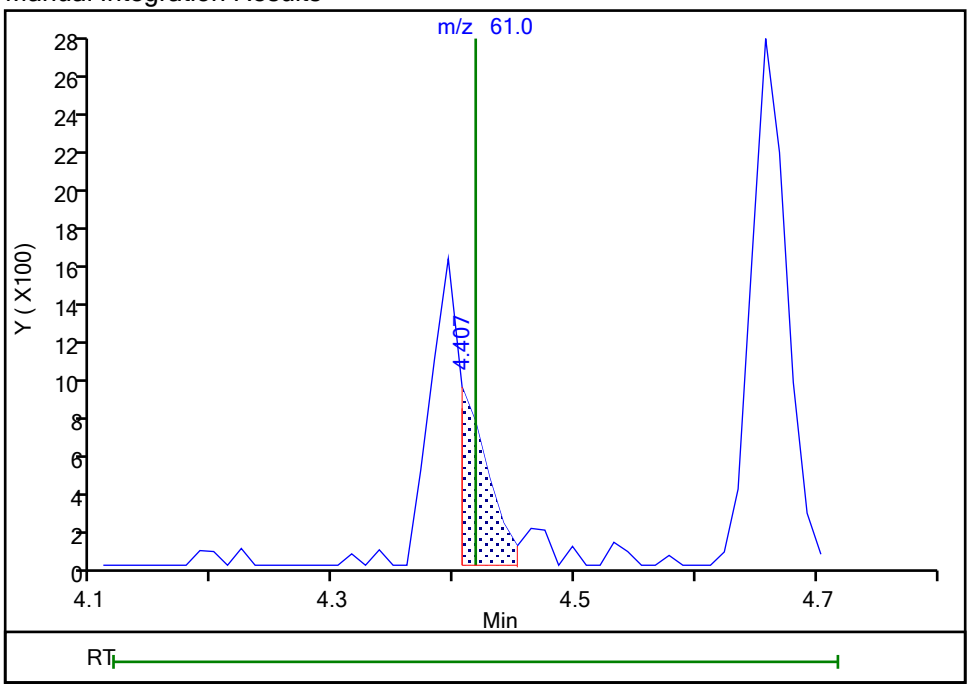
Processing Integration Results

RT: 4.40
Area: 3829
Amount: 2.050108
Amount Units: ug/l




Manual Integration Results

RT: 4.41
Area: 1670
Amount: 0.651963
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 08:09:37
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

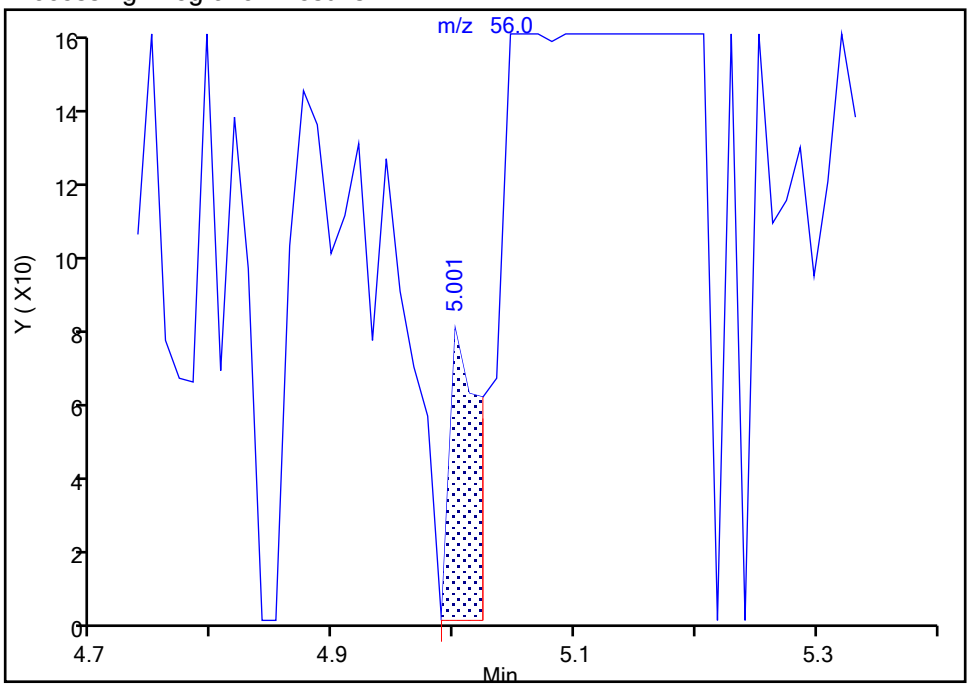
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 70 n-Butanol, CAS: 71-36-3

Signal: 1

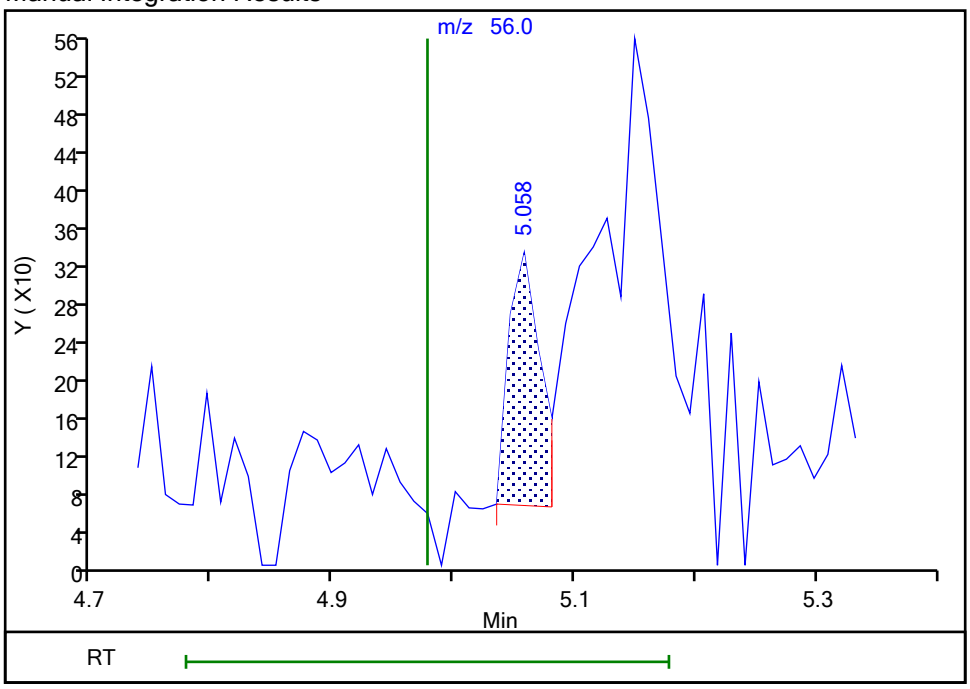
Processing Integration Results

RT: 5.00
Area: 134
Amount: 1.393855
Amount Units: ug/l




Manual Integration Results

RT: 5.06
Area: 495
Amount: 12.617879
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 07:54:01
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

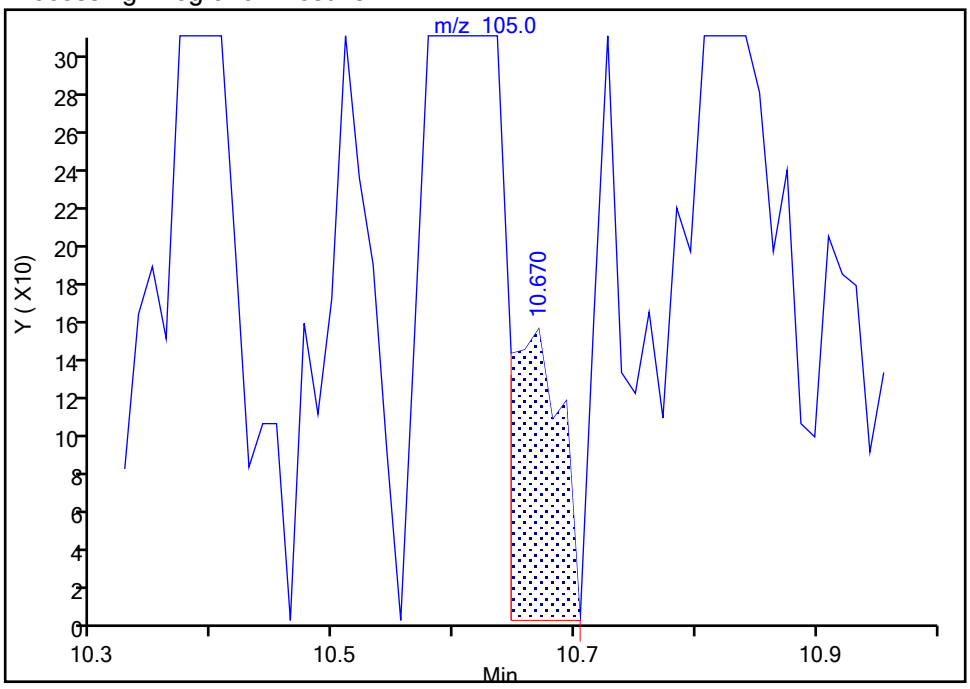
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D
Injection Date: 20-Sep-2021 17:09:30 Instrument ID: CVOAMS7
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

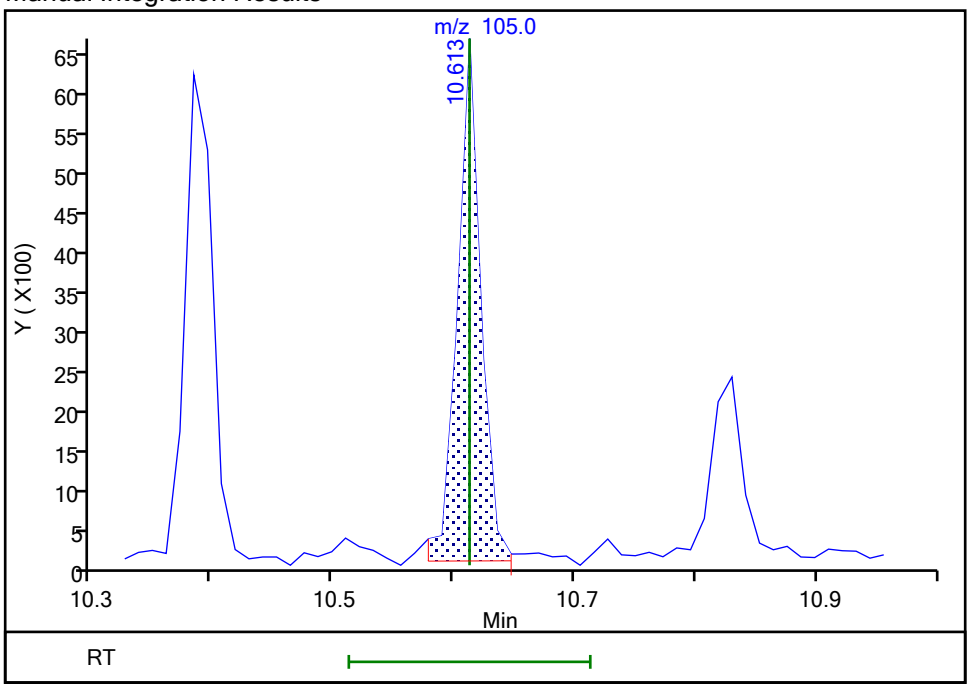
Processing Integration Results

RT: 10.67
Area: 453
Amount: 0.031029
Amount Units: ug/l




Manual Integration Results

RT: 10.61
Area: 8881
Amount: 0.552736
Amount Units: ug/l




Reviewer: boykink, 20-Sep-2021 18:14:10
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

## Calibration / Chlorotrifluoroethene

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

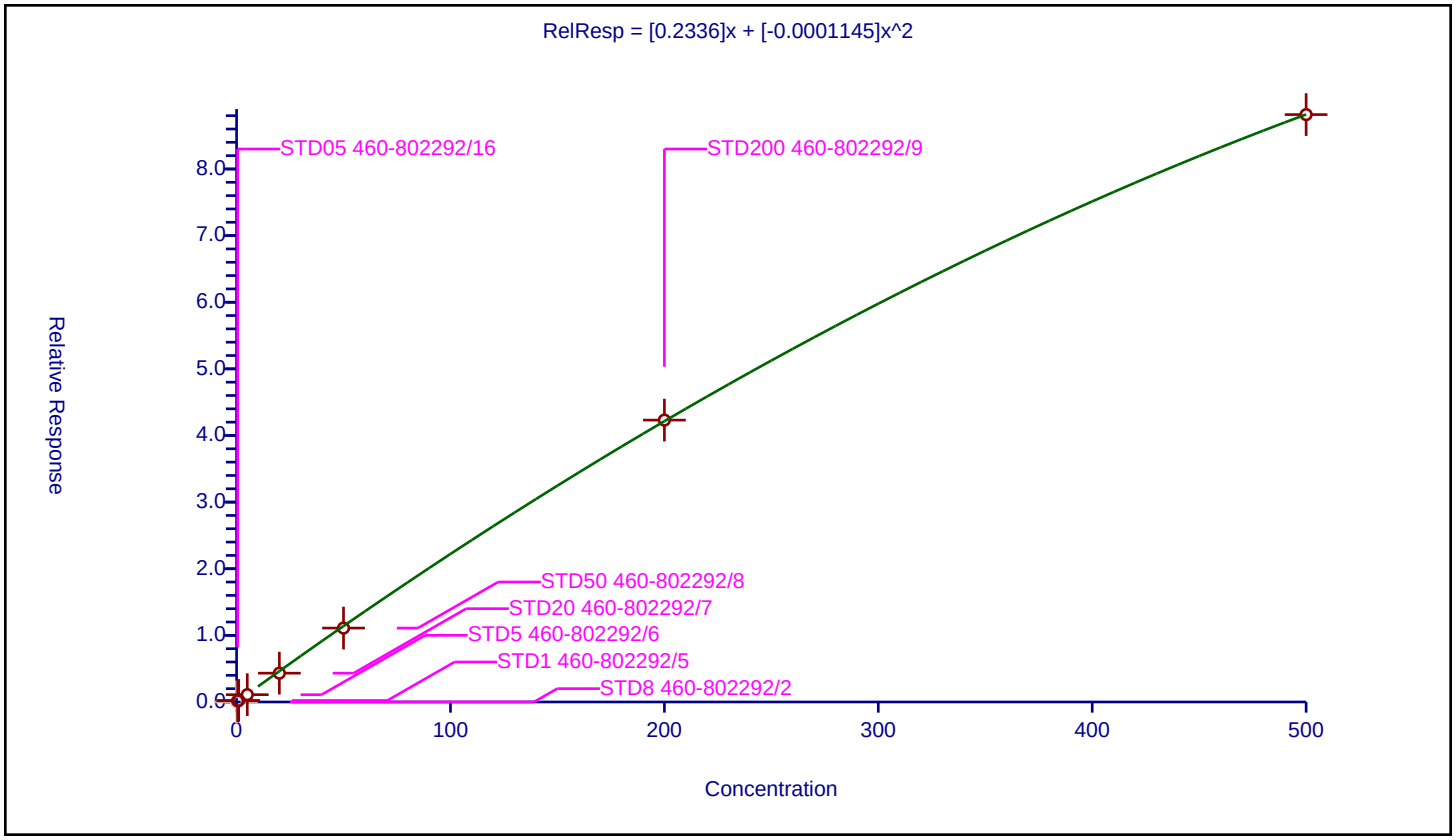
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2336 |
| **Second Order:** | -0.0001145 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 544000 |
| **Relative Standard Error:** | 21.5 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.171697 | 50.0 | 435068.0 | 0.343395 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.226386 | 50.0 | 431785.0 | 0.226386 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.099635 | 50.0 | 456015.0 | 0.219927 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 4.323691 | 50.0 | 484771.0 | 0.216185 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 11.09455 | 50.0 | 515929.0 | 0.221891 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 42.308972 | 50.0 | 549946.0 | 0.211545 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 88.163203 | 50.0 | 633102.0 | 0.176326 | Y |



## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

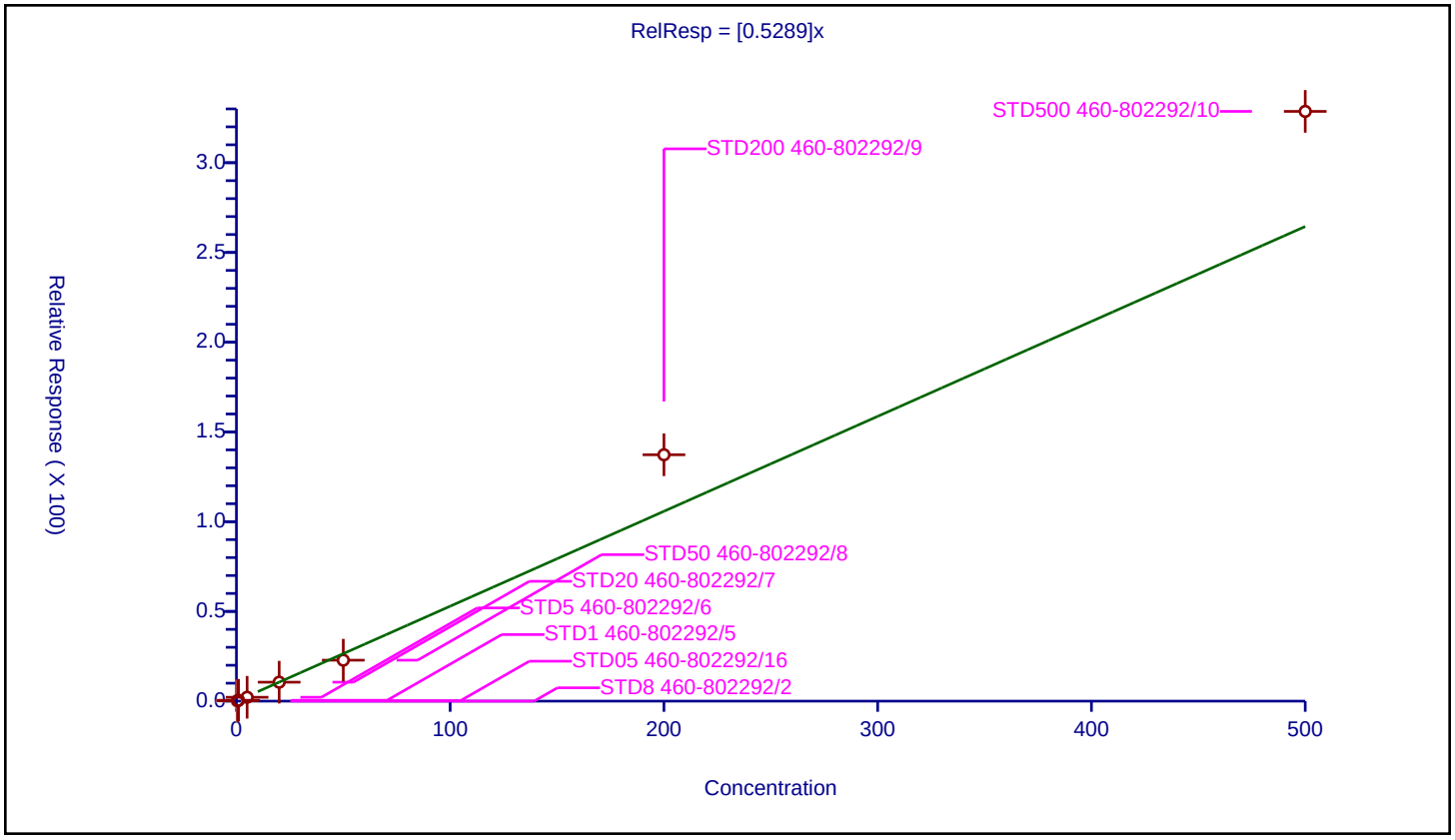
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5289 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1810000 |
| **Relative Standard Error:** | 19.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.960 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.25 | 0.0 | 50.0 | 525543.0 | 0.0 | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.226401 | 50.0 | 435068.0 | 0.452803 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.489017 | 50.0 | 431785.0 | 0.489017 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.162319 | 50.0 | 456015.0 | 0.432464 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 10.56602 | 50.0 | 484771.0 | 0.528301 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 22.821357 | 50.0 | 515929.0 | 0.456427 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 137.276478 | 50.0 | 549946.0 | 0.686382 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 328.599499 | 50.0 | 633102.0 | 0.657199 | Y |



## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

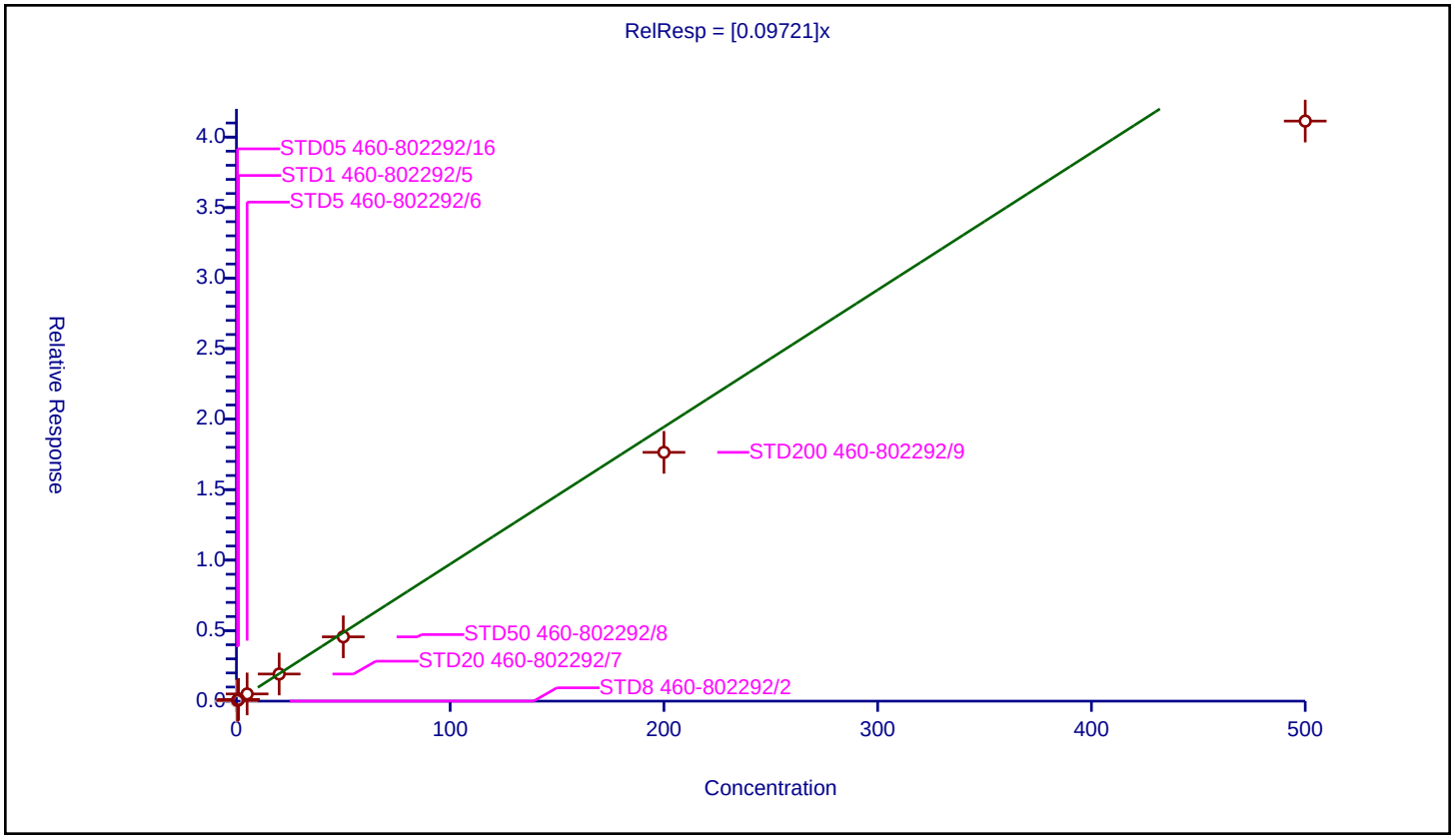
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09721 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 228000 |
| **Relative Standard Error:** | 12.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.980 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.050912 | 50.0 | 435068.0 | 0.101823 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.118693 | 50.0 | 431785.0 | 0.118693 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 0.51051 | 50.0 | 456015.0 | 0.102102 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 1.923073 | 50.0 | 484771.0 | 0.096154 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 4.561093 | 50.0 | 515929.0 | 0.091222 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 17.644732 | 50.0 | 549946.0 | 0.088224 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 41.136104 | 50.0 | 633102.0 | 0.082272 | Y |



## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

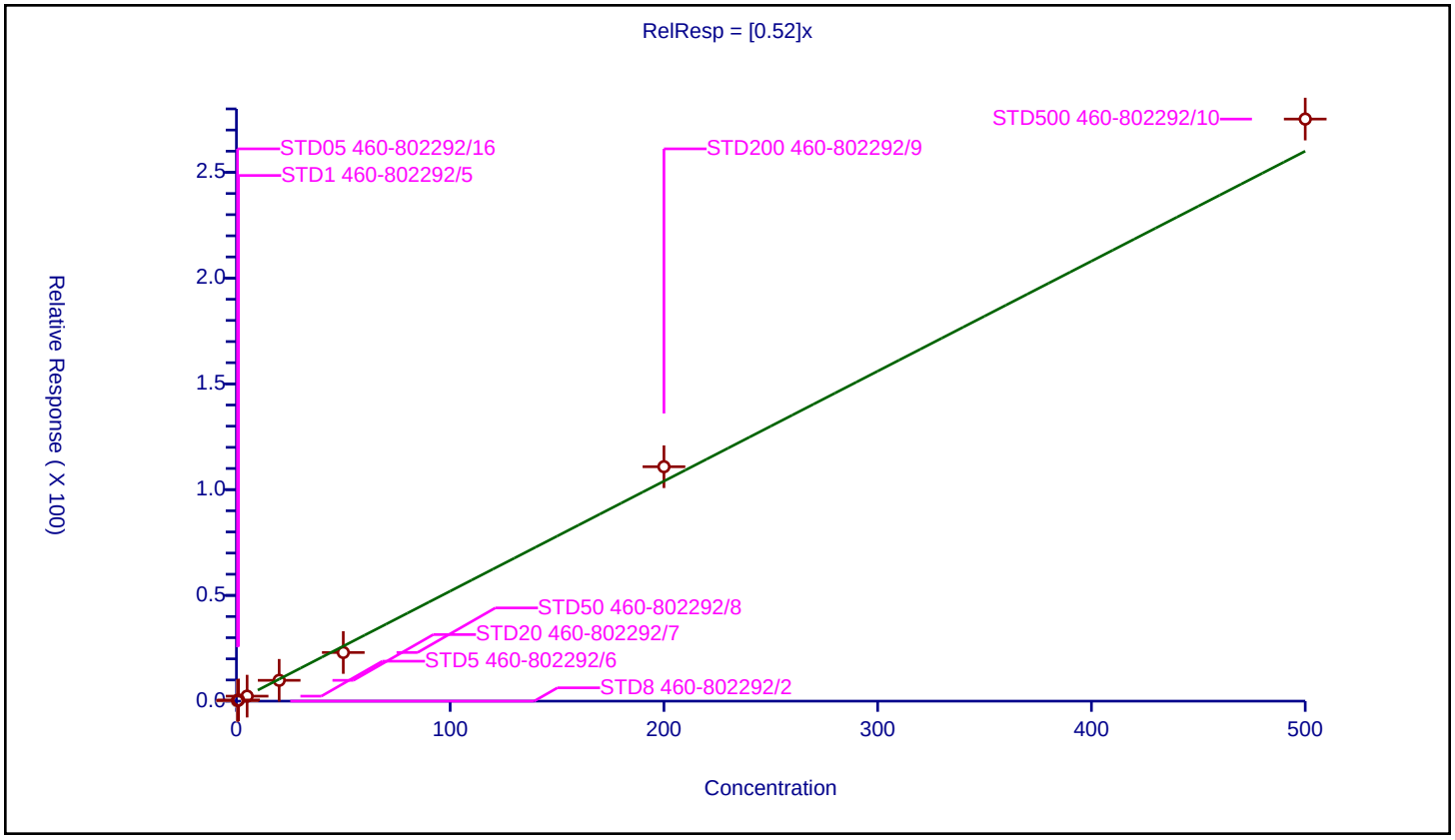
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.52 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1510000 |
| **Relative Standard Error:** | 8.3 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.25 | 0.0 | 50.0 | 525543.0 | 0.0 | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.280531 | 50.0 | 435068.0 | 0.561062 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.549463 | 50.0 | 431785.0 | 0.549463 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.36615 | 50.0 | 456015.0 | 0.47323 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 9.837119 | 50.0 | 484771.0 | 0.491856 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 23.00365 | 50.0 | 515929.0 | 0.460073 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 110.831973 | 50.0 | 549946.0 | 0.55416 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 275.183699 | 50.0 | 633102.0 | 0.550367 | Y |



## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

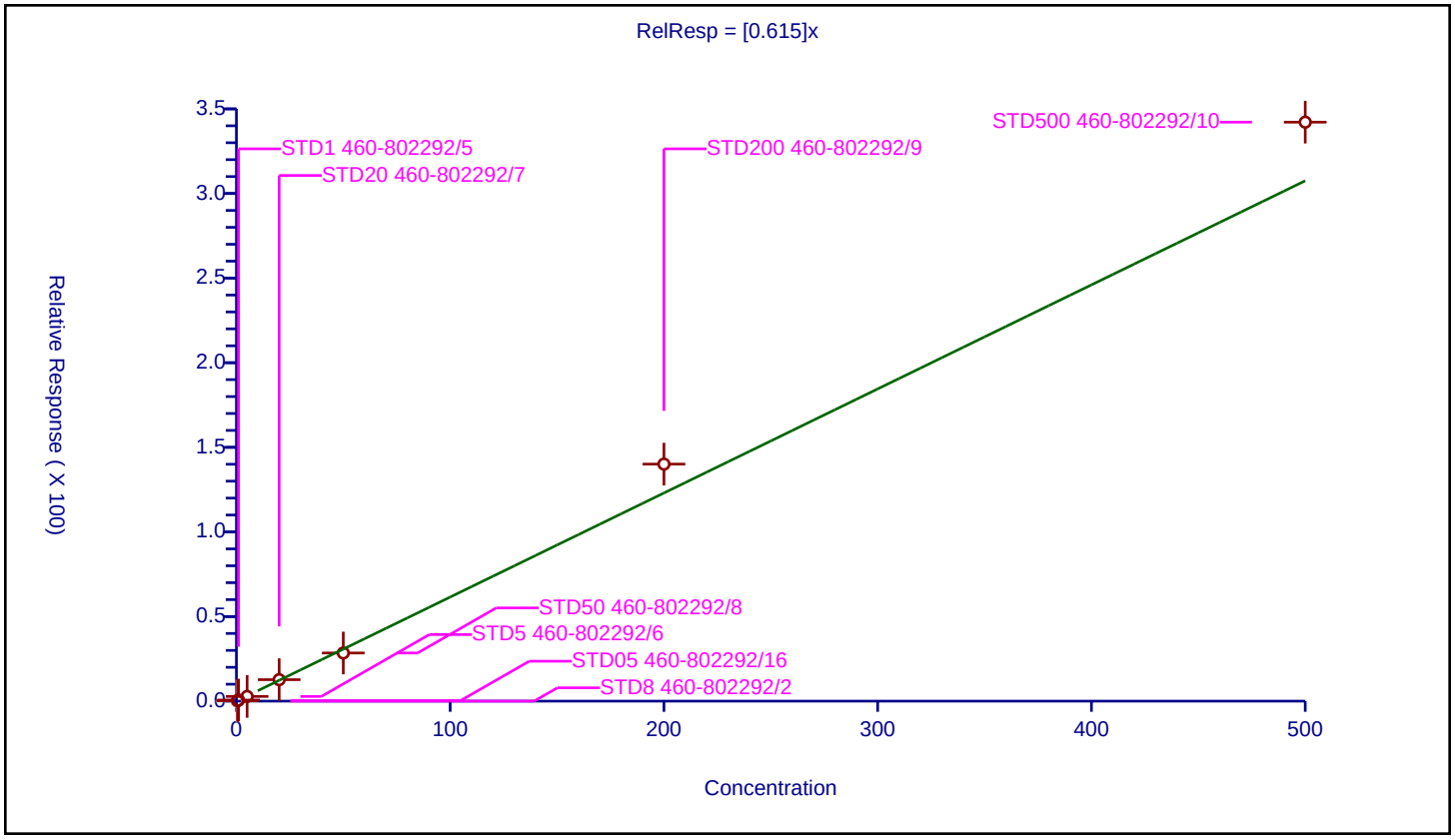
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.615 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1880000 |
| **Relative Standard Error:** | 11.1 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.25 | 0.0 | 50.0 | 525543.0 | 0.0 | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.260189 | 50.0 | 435068.0 | 0.520378 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.641639 | 50.0 | 431785.0 | 0.641639 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.774141 | 50.0 | 456015.0 | 0.554828 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 12.693313 | 50.0 | 484771.0 | 0.634666 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 28.450039 | 50.0 | 515929.0 | 0.569001 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 140.07839 | 50.0 | 549946.0 | 0.700392 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 342.166744 | 50.0 | 633102.0 | 0.684333 | Y |



## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

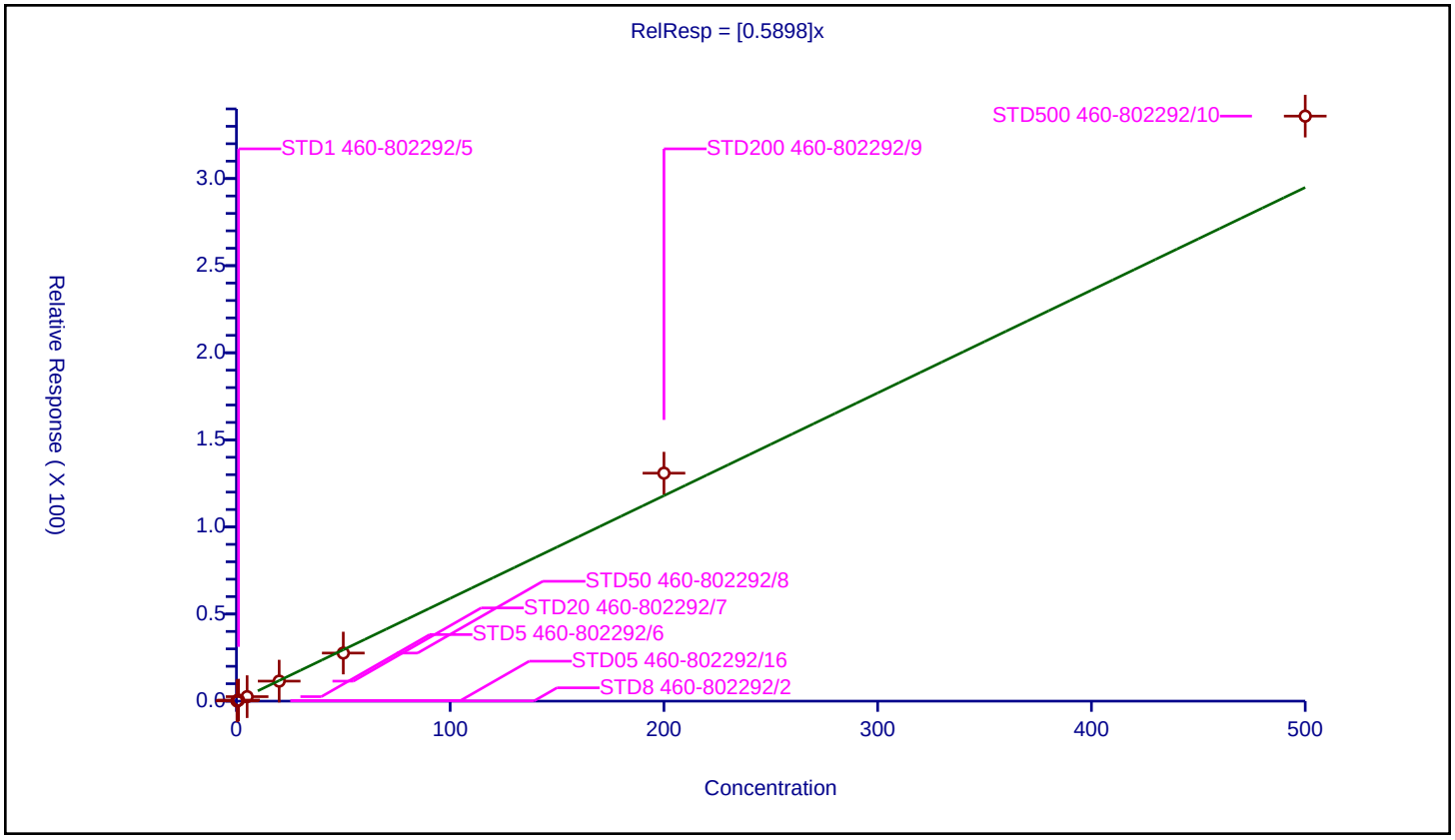
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5898 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1700000 |
| **Relative Standard Error:** | 8.8 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.25 | 0.142329 | 50.0 | 525543.0 | 0.569316 | Y |
| 2 | STD05 460-802292/16 | 0.5 | 0.294092 | 50.0 | 435068.0 | 0.588184 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.593698 | 50.0 | 431785.0 | 0.593698 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.571516 | 50.0 | 456015.0 | 0.514303 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 11.491612 | 50.0 | 484771.0 | 0.574581 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 27.604767 | 50.0 | 515929.0 | 0.552095 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 130.880577 | 50.0 | 549946.0 | 0.654403 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 335.853464 | 50.0 | 633102.0 | 0.671707 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

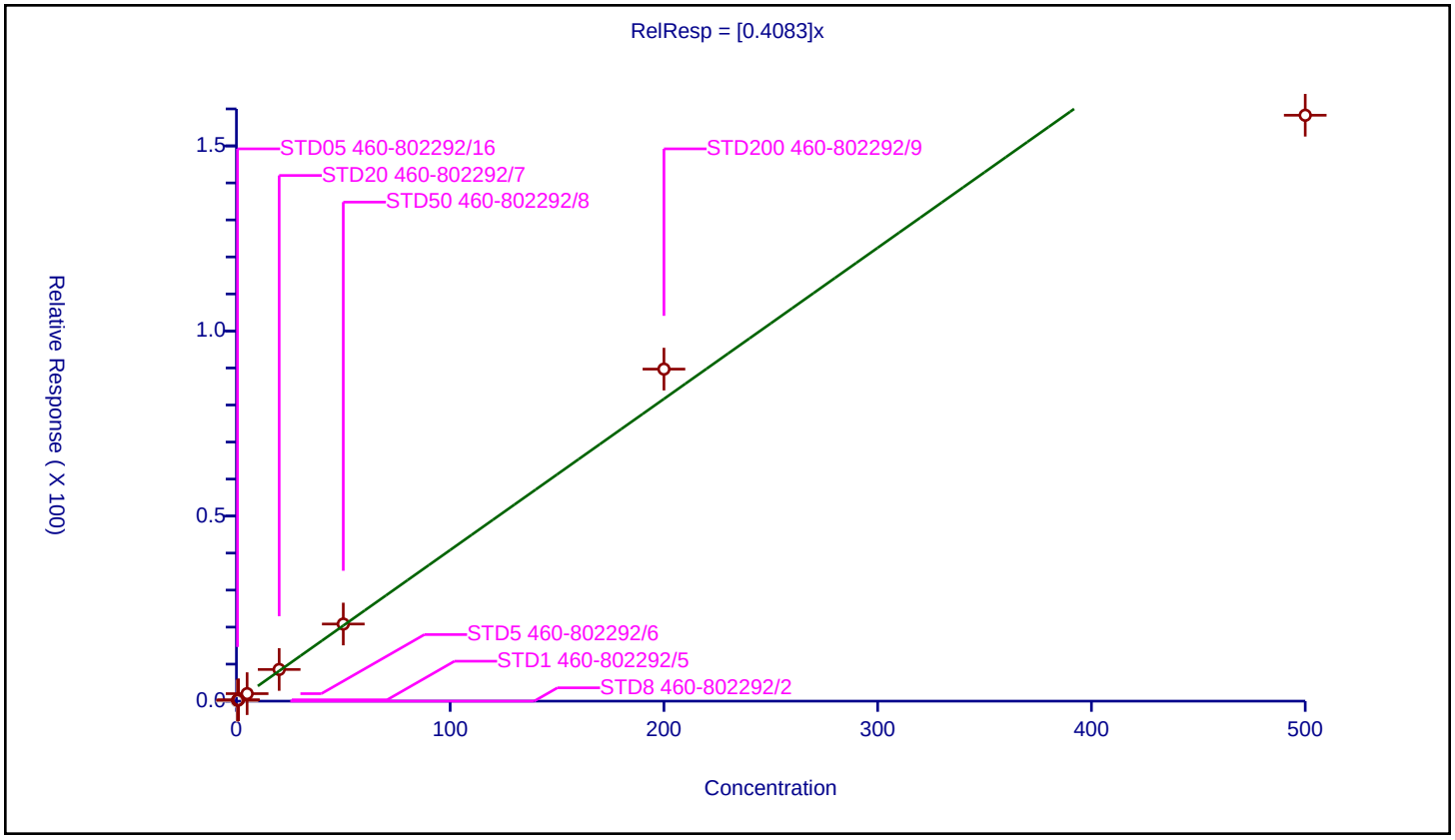
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4083 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 917000 |
| **Relative Standard Error:** | 13.1 |
| **Correlation Coefficient:** | 0.992 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.25 | 0.0 | 50.0 | 525543.0 | 0.0 | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.238928 | 50.0 | 435068.0 | 0.477856 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.365923 | 50.0 | 431785.0 | 0.365923 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.021863 | 50.0 | 456015.0 | 0.404373 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 8.558268 | 50.0 | 484771.0 | 0.427913 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 20.835231 | 50.0 | 515929.0 | 0.416705 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 89.701443 | 50.0 | 549946.0 | 0.448507 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 158.286895 | 50.0 | 633102.0 | 0.316574 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

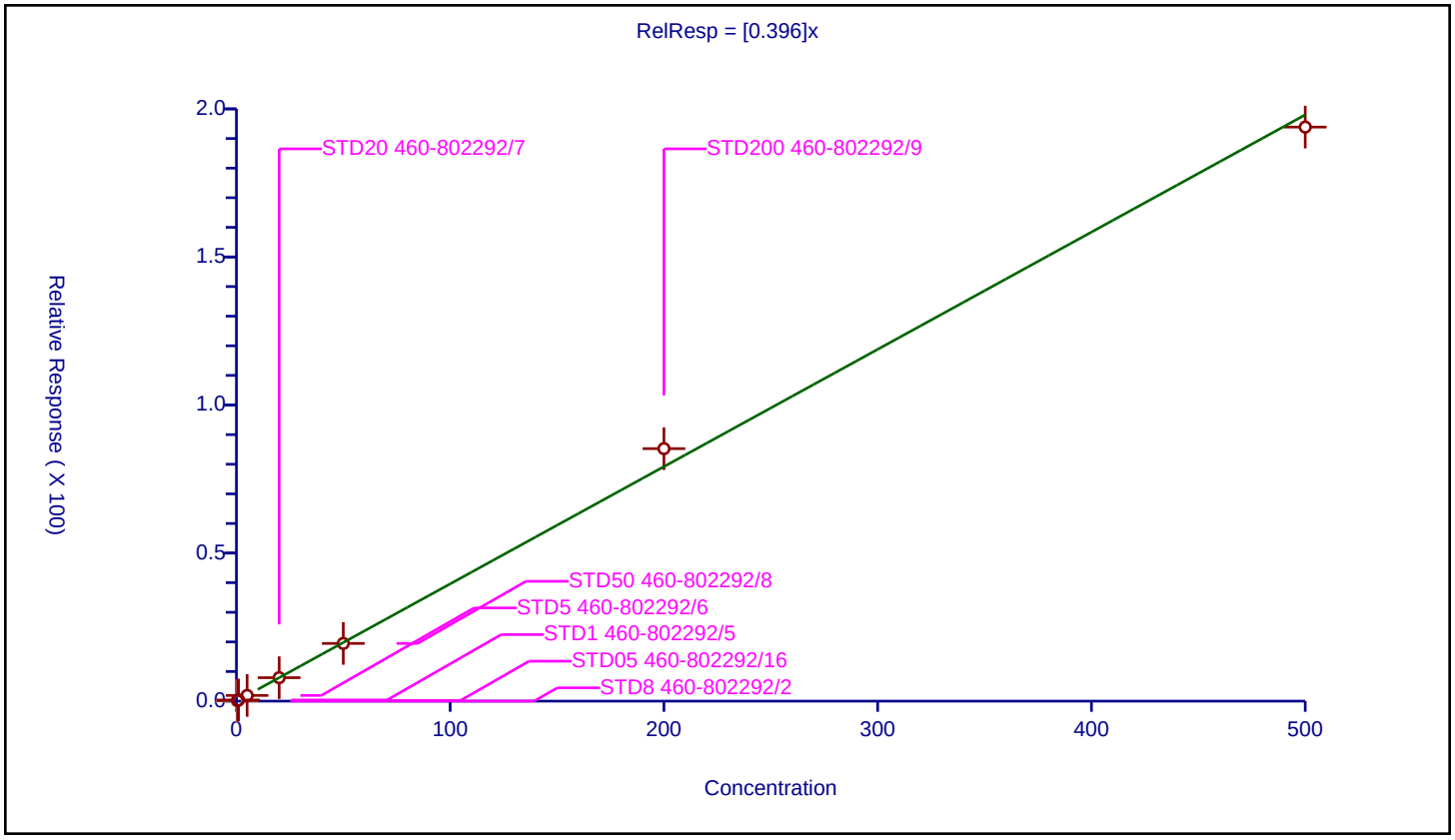
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.396 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1080000 |
| **Relative Standard Error:** | 3.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.25 | 0.0 | 50.0 | 525543.0 | 0.0 | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.196751 | 50.0 | 435068.0 | 0.393502 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.394178 | 50.0 | 431785.0 | 0.394178 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.921867 | 50.0 | 456015.0 | 0.384373 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 7.922504 | 50.0 | 484771.0 | 0.396125 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 19.483398 | 50.0 | 515929.0 | 0.389668 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 85.271645 | 50.0 | 549946.0 | 0.426358 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 193.859125 | 50.0 | 633102.0 | 0.387718 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

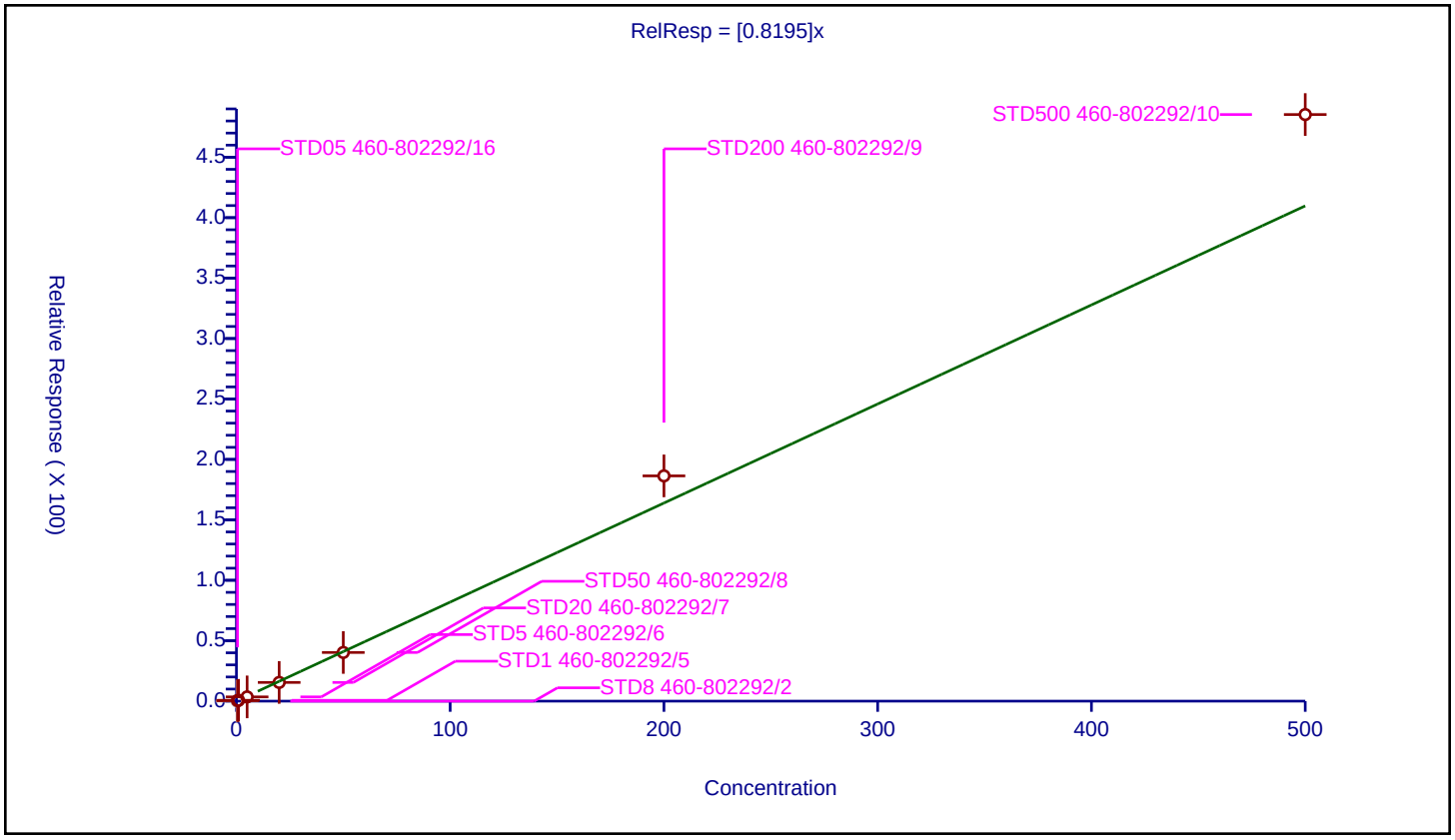
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8195 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2650000 |
| **Relative Standard Error:** | 12.8 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.981 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.25 | 0.0 | 50.0 | 525543.0 | 0.0 | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.425221 | 50.0 | 435068.0 | 0.850442 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.702201 | 50.0 | 431785.0 | 0.702201 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.506025 | 50.0 | 456015.0 | 0.701205 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 15.487828 | 50.0 | 484771.0 | 0.774391 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 40.278992 | 50.0 | 515929.0 | 0.80558 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 186.369935 | 50.0 | 549946.0 | 0.93185 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 485.330958 | 50.0 | 633102.0 | 0.970662 | Y |



## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

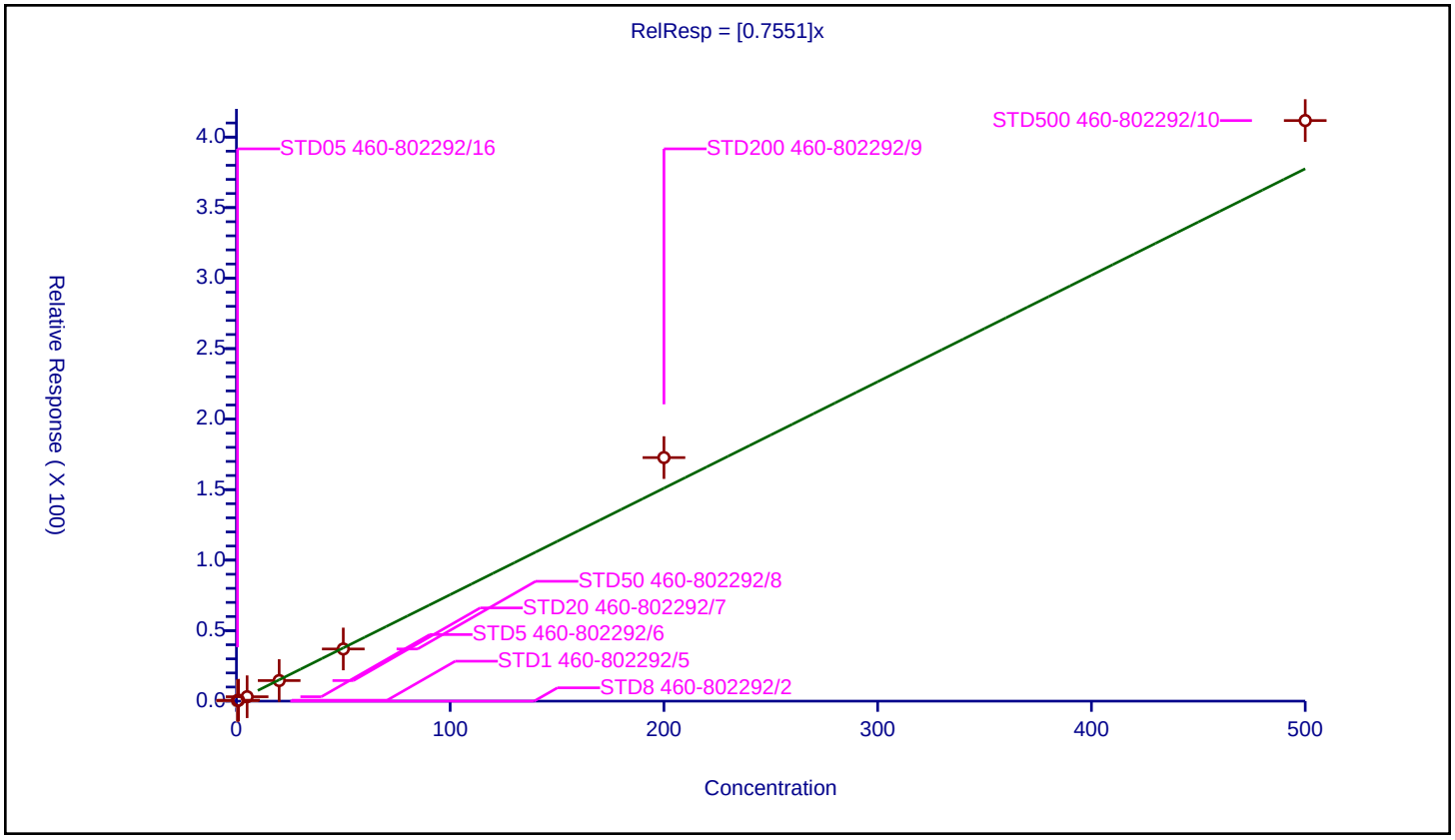
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7551 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2270000 |
| **Relative Standard Error:** | 12.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.981 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.25 | 0.0 | 50.0 | 525543.0 | 0.0 | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.424531 | 50.0 | 435068.0 | 0.849063 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.653334 | 50.0 | 431785.0 | 0.653334 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.130489 | 50.0 | 456015.0 | 0.626098 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 14.599471 | 50.0 | 484771.0 | 0.729974 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 36.99637 | 50.0 | 515929.0 | 0.739927 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 172.722231 | 50.0 | 549946.0 | 0.863611 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 411.717859 | 50.0 | 633102.0 | 0.823436 | Y |



## Calibration / Pentane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

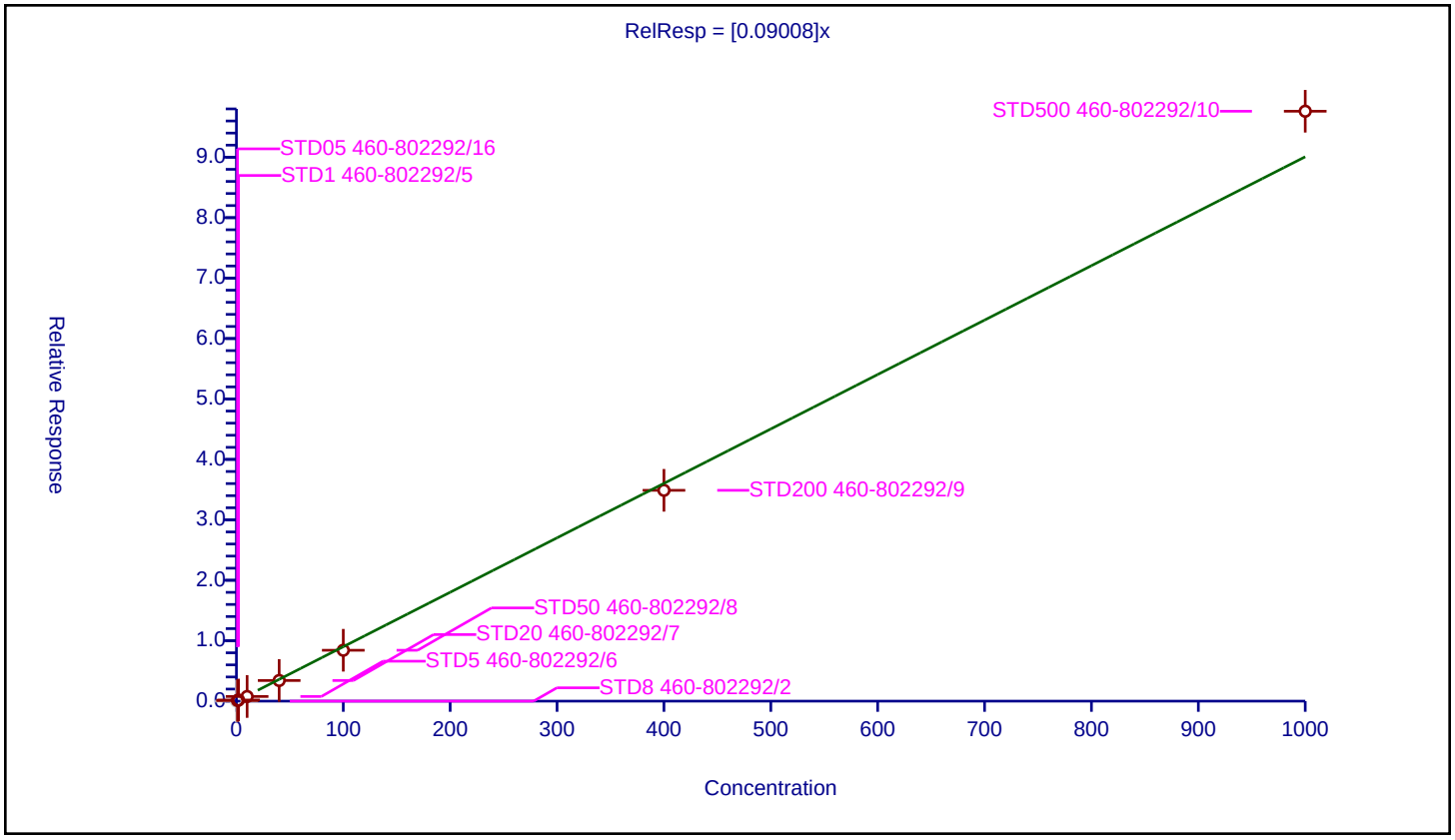
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09008 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 530000 |
| **Relative Standard Error:** | 11.1 |
| **Correlation Coefficient:** | 0.992 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 1.0 | 0.10711 | 50.0 | 435068.0 | 0.10711 | Y |
| 3 | STD1 460-802292/5 | 2.0 | 0.184698 | 50.0 | 431785.0 | 0.092349 | Y |
| 4 | STD5 460-802292/6 | 10.0 | 0.76697 | 50.0 | 456015.0 | 0.076697 | Y |
| 5 | STD20 460-802292/7 | 40.0 | 3.413777 | 50.0 | 484771.0 | 0.085344 | Y |
| 6 | STD50 460-802292/8 | 100.0 | 8.420442 | 50.0 | 515929.0 | 0.084204 | Y |
| 7 | STD200 460-802292/9 | 400.0 | 34.884698 | 50.0 | 549946.0 | 0.087212 | Y |
| 8 | STD500 460-802292/10 | 1000.0 | 97.613418 | 50.0 | 633102.0 | 0.097613 | Y |



## Calibration / Ethanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

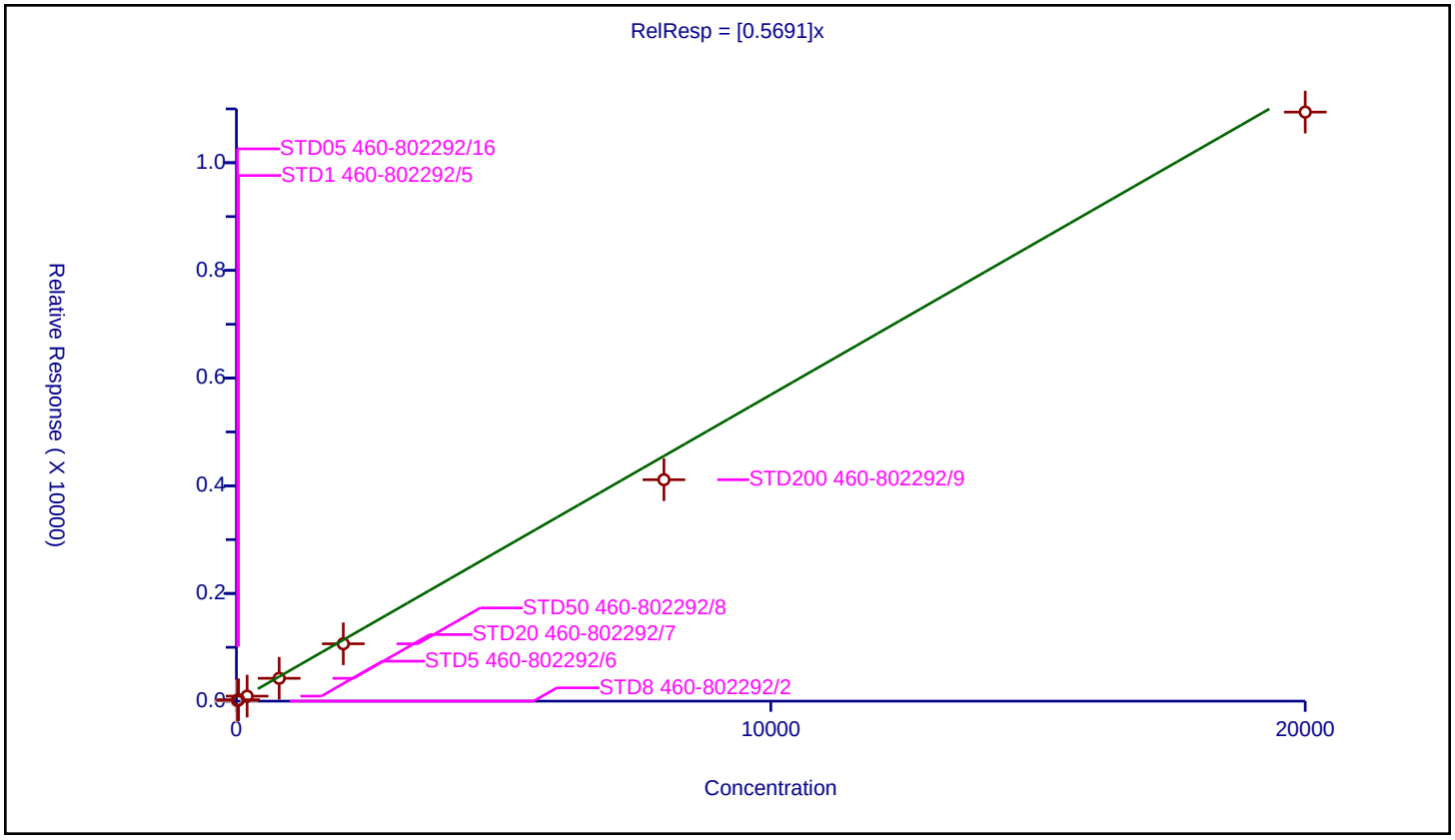
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5691 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 269000 |
| **Relative Standard Error:** | 17.2 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.955 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 1000.0 | 32981.0 | NaN | N |
| 2 | STD05 460-802292/16 | 20.0 | 15.214343 | 1000.0 | 33521.0 | 0.760717 | Y |
| 3 | STD1 460-802292/5 | 40.0 | 25.284532 | 1000.0 | 30928.0 | 0.632113 | Y |
| 4 | STD5 460-802292/6 | 200.0 | 93.377937 | 1000.0 | 37964.0 | 0.46689 | Y |
| 5 | STD20 460-802292/7 | 800.0 | 424.193764 | 1000.0 | 37365.0 | 0.530242 | Y |
| 6 | STD50 460-802292/8 | 2000.0 | 1065.23043 | 1000.0 | 41683.0 | 0.532615 | Y |
| 7 | STD200 460-802292/9 | 8000.0 | 4112.413186 | 1000.0 | 51115.0 | 0.514052 | Y |
| 8 | STD500 460-802292/10 | 20000.0 | 10940.410004 | 1000.0 | 58097.0 | 0.547021 | Y |



## Calibration / Ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

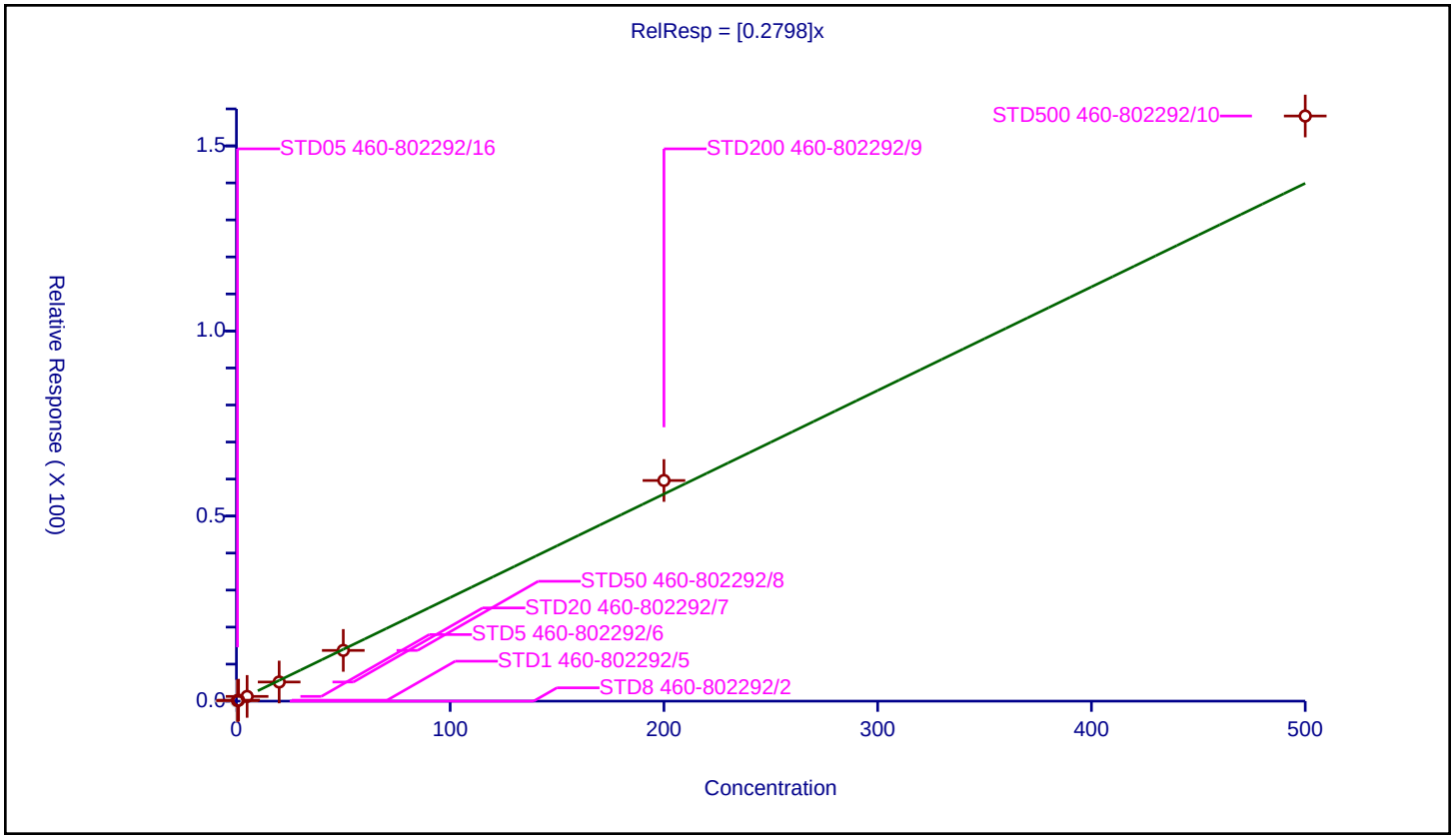
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2798 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 862000 |
| **Relative Standard Error:** | 9.2 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.151471 | 50.0 | 435068.0 | 0.302941 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.253251 | 50.0 | 431785.0 | 0.253251 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.277699 | 50.0 | 456015.0 | 0.25554 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 5.167904 | 50.0 | 484771.0 | 0.258395 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 13.705083 | 50.0 | 515929.0 | 0.274102 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 59.611216 | 50.0 | 549946.0 | 0.298056 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 158.076503 | 50.0 | 633102.0 | 0.316153 | Y |



## Calibration / 2-Methyl-1,3-butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

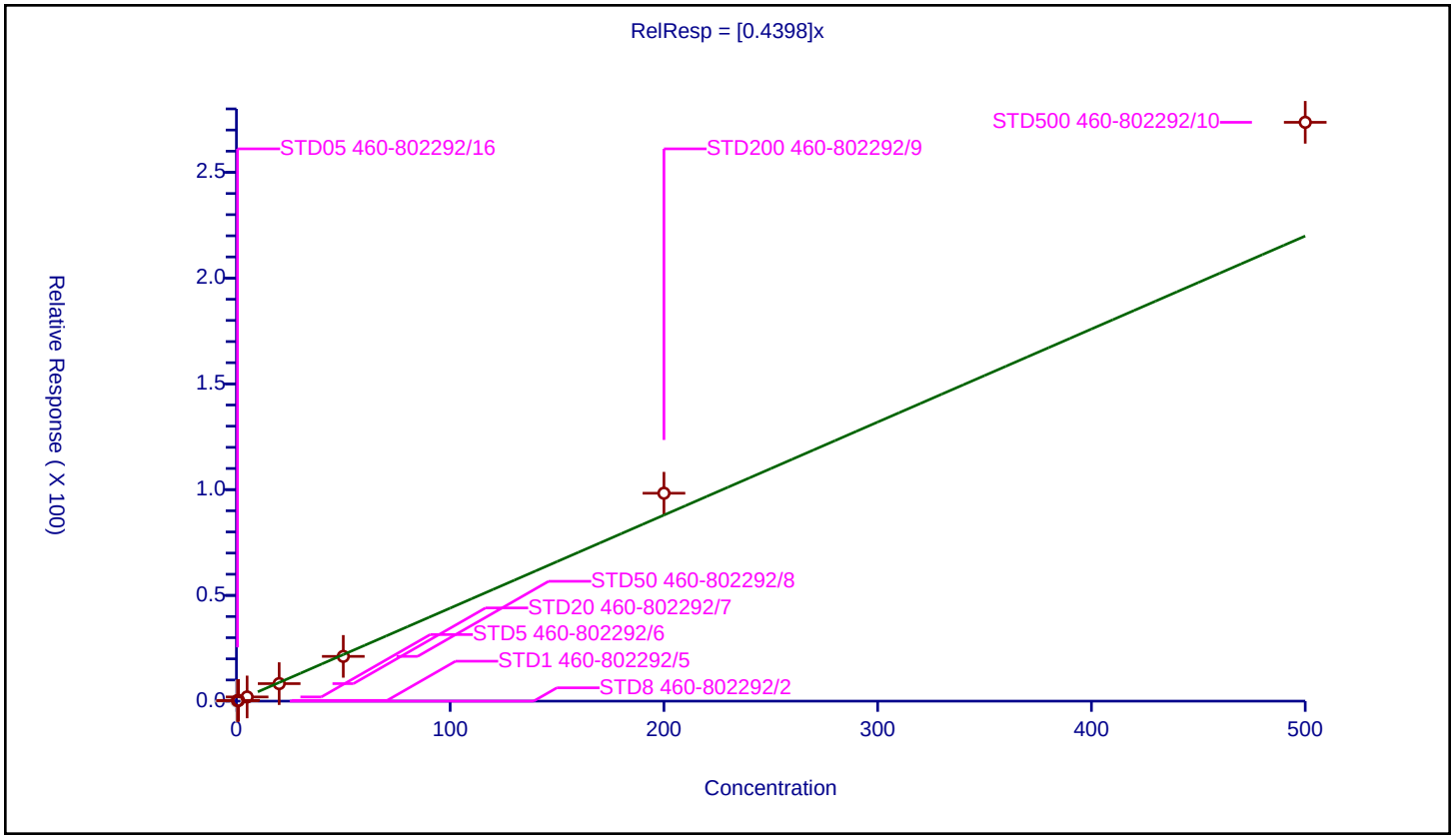
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4398 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1480000 |
| **Relative Standard Error:** | 14.8 |
| **Correlation Coefficient:** | 0.992 |
| **Coefficient of Determination (Adjusted):** | 0.975 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.228125 | 50.0 | 435068.0 | 0.456251 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.350985 | 50.0 | 431785.0 | 0.350985 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.978553 | 50.0 | 456015.0 | 0.395711 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 8.275144 | 50.0 | 484771.0 | 0.413757 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 21.157465 | 50.0 | 515929.0 | 0.423149 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 98.294833 | 50.0 | 549946.0 | 0.491474 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 273.658905 | 50.0 | 633102.0 | 0.547318 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

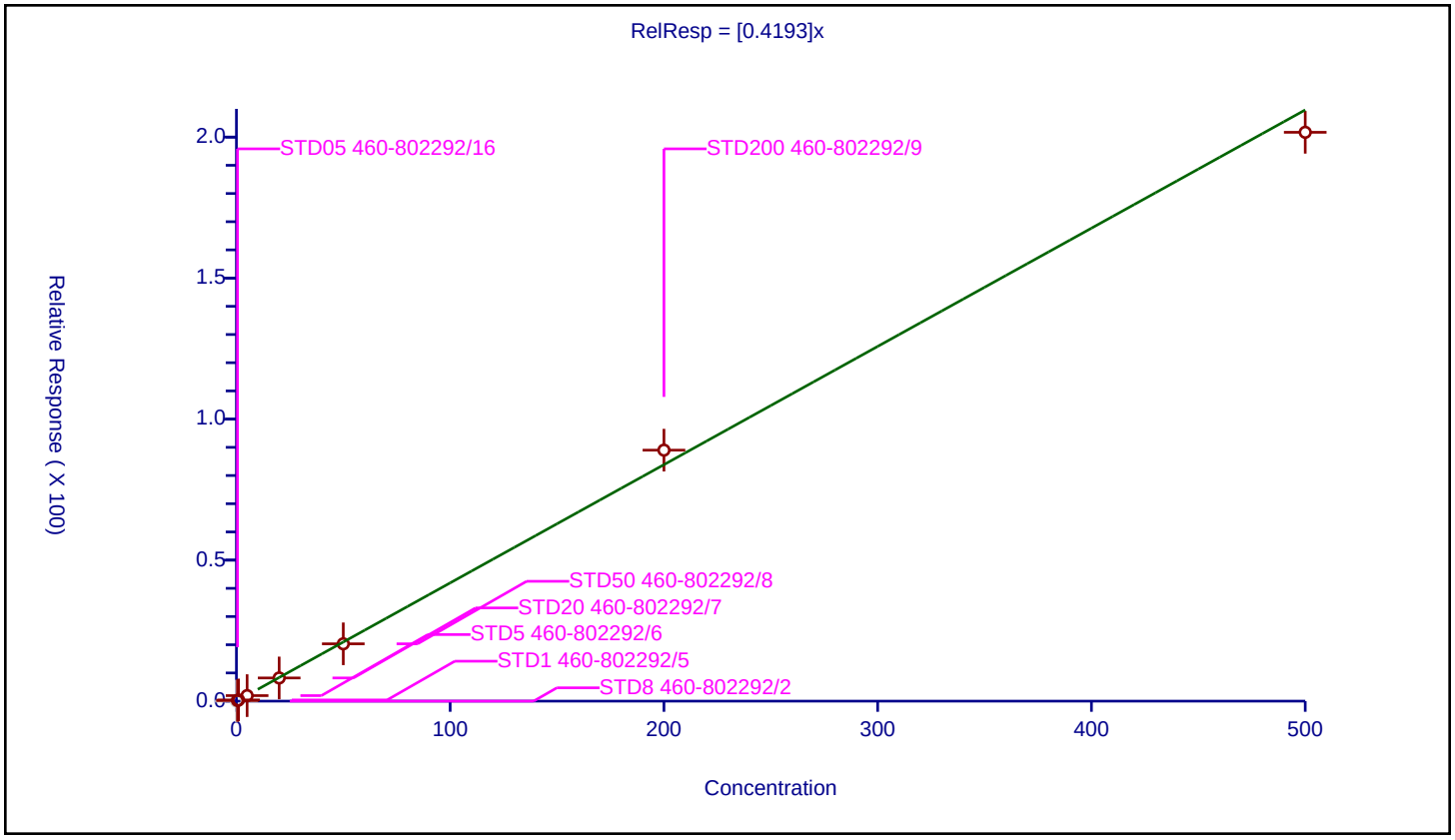
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4193 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1120000 |
| **Relative Standard Error:** | 5.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.229045 | 50.0 | 435068.0 | 0.458089 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.418032 | 50.0 | 431785.0 | 0.418032 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.962655 | 50.0 | 456015.0 | 0.392531 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 8.223058 | 50.0 | 484771.0 | 0.411153 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 20.330608 | 50.0 | 515929.0 | 0.406612 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 88.998465 | 50.0 | 549946.0 | 0.444992 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 201.703122 | 50.0 | 633102.0 | 0.403406 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

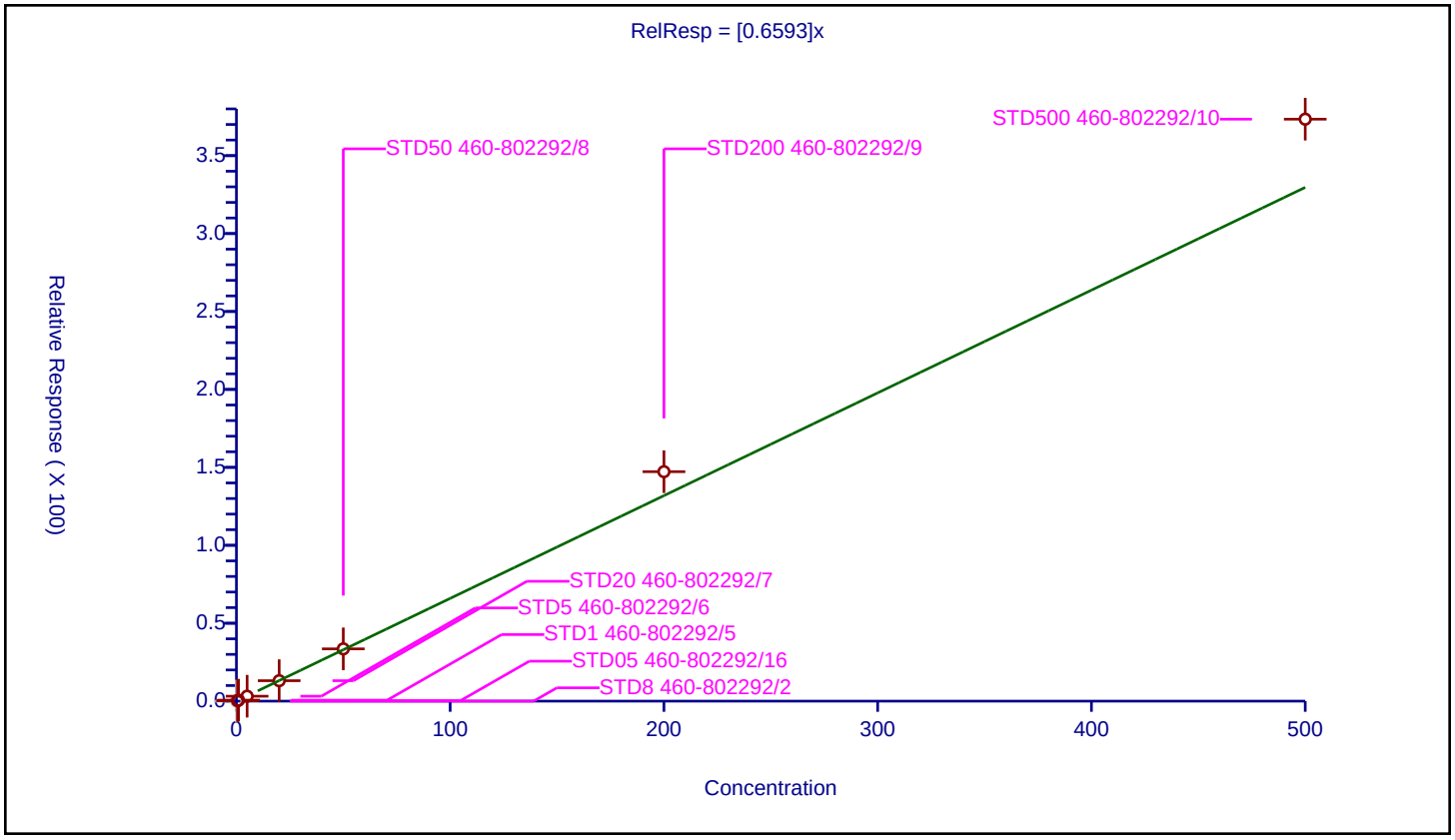
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6593 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2050000 |
| **Relative Standard Error:** | 10.2 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.276853 | 50.0 | 435068.0 | 0.553707 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.617321 | 50.0 | 431785.0 | 0.617321 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.171058 | 50.0 | 456015.0 | 0.634212 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 13.120216 | 50.0 | 484771.0 | 0.656011 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 33.534459 | 50.0 | 515929.0 | 0.670689 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 147.223637 | 50.0 | 549946.0 | 0.736118 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 373.398046 | 50.0 | 633102.0 | 0.746796 | Y |



## Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

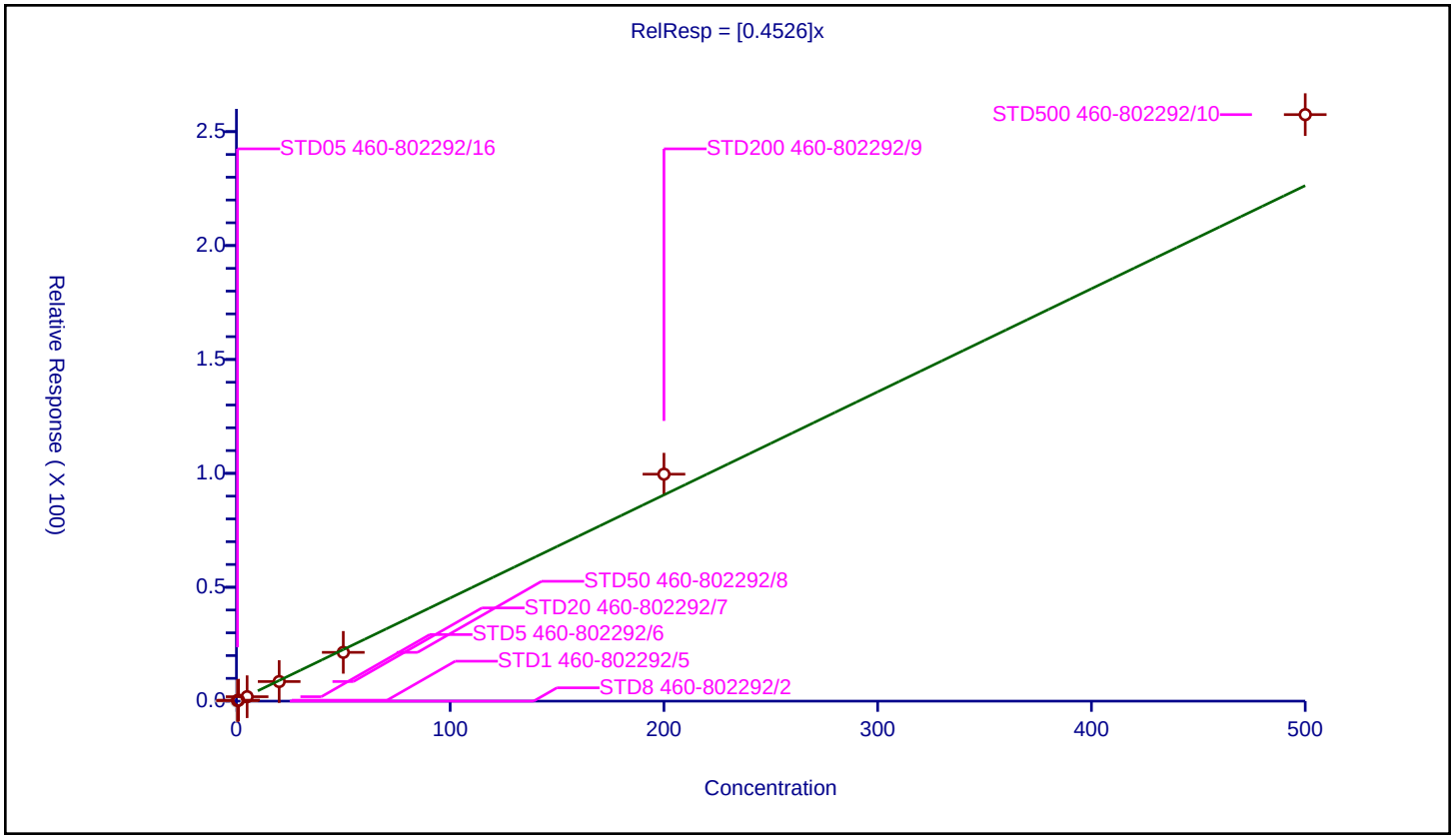
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4526 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1410000 |
| **Relative Standard Error:** | 11.0 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.248697 | 50.0 | 435068.0 | 0.497394 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.409463 | 50.0 | 431785.0 | 0.409463 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.951032 | 50.0 | 456015.0 | 0.390206 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 8.595502 | 50.0 | 484771.0 | 0.429775 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 21.420099 | 50.0 | 515929.0 | 0.428402 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 99.634691 | 50.0 | 549946.0 | 0.498173 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 257.481575 | 50.0 | 633102.0 | 0.514963 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

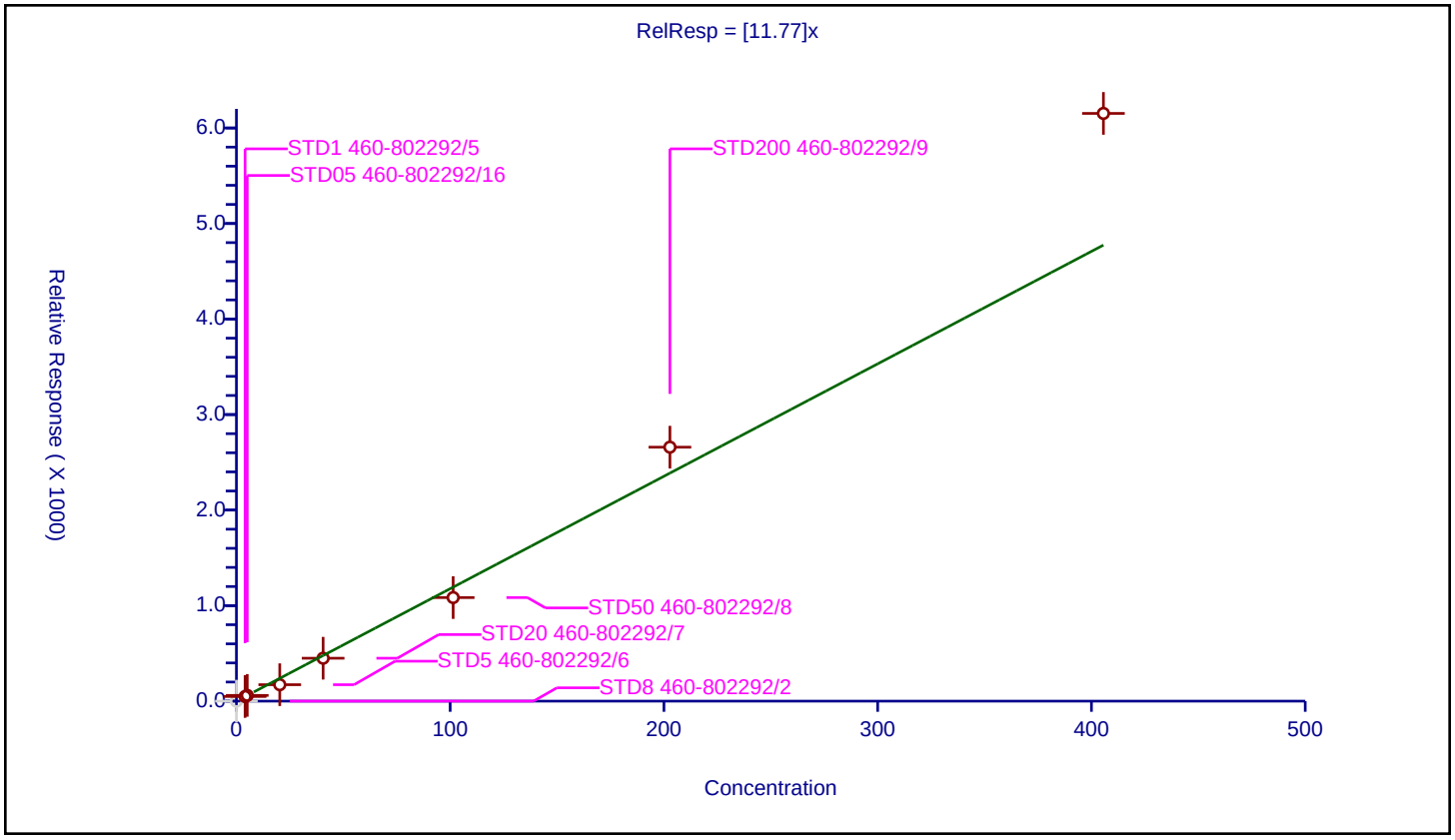
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 11.77 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 155000 |
| **Relative Standard Error:** | 17.6 |
| **Correlation Coefficient:** | 0.979 |
| **Coefficient of Determination (Adjusted):** | 0.959 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 1000.0 | 32981.0 | NaN | N |
| 2 | STD1 460-802292/5 | 4.056 | 48.661407 | 1000.0 | 30928.0 | 11.997388 | Y |
| 3 | STD05 460-802292/16 | 5.07 | 60.111572 | 1000.0 | 33521.0 | 11.856326 | Y |
| 4 | STD5 460-802292/6 | 20.28 | 172.215783 | 1000.0 | 37964.0 | 8.491903 | Y |
| 5 | STD20 460-802292/7 | 40.56 | 449.243945 | 1000.0 | 37365.0 | 11.076034 | Y |
| 6 | STD50 460-802292/8 | 101.4 | 1084.278963 | 1000.0 | 41683.0 | 10.693086 | Y |
| 7 | STD200 460-802292/9 | 202.8 | 2658.828133 | 1000.0 | 51115.0 | 13.110592 | Y |
| 8 | STD500 460-802292/10 | 405.6 | 6152.62406 | 1000.0 | 58097.0 | 15.169191 | Y |



## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

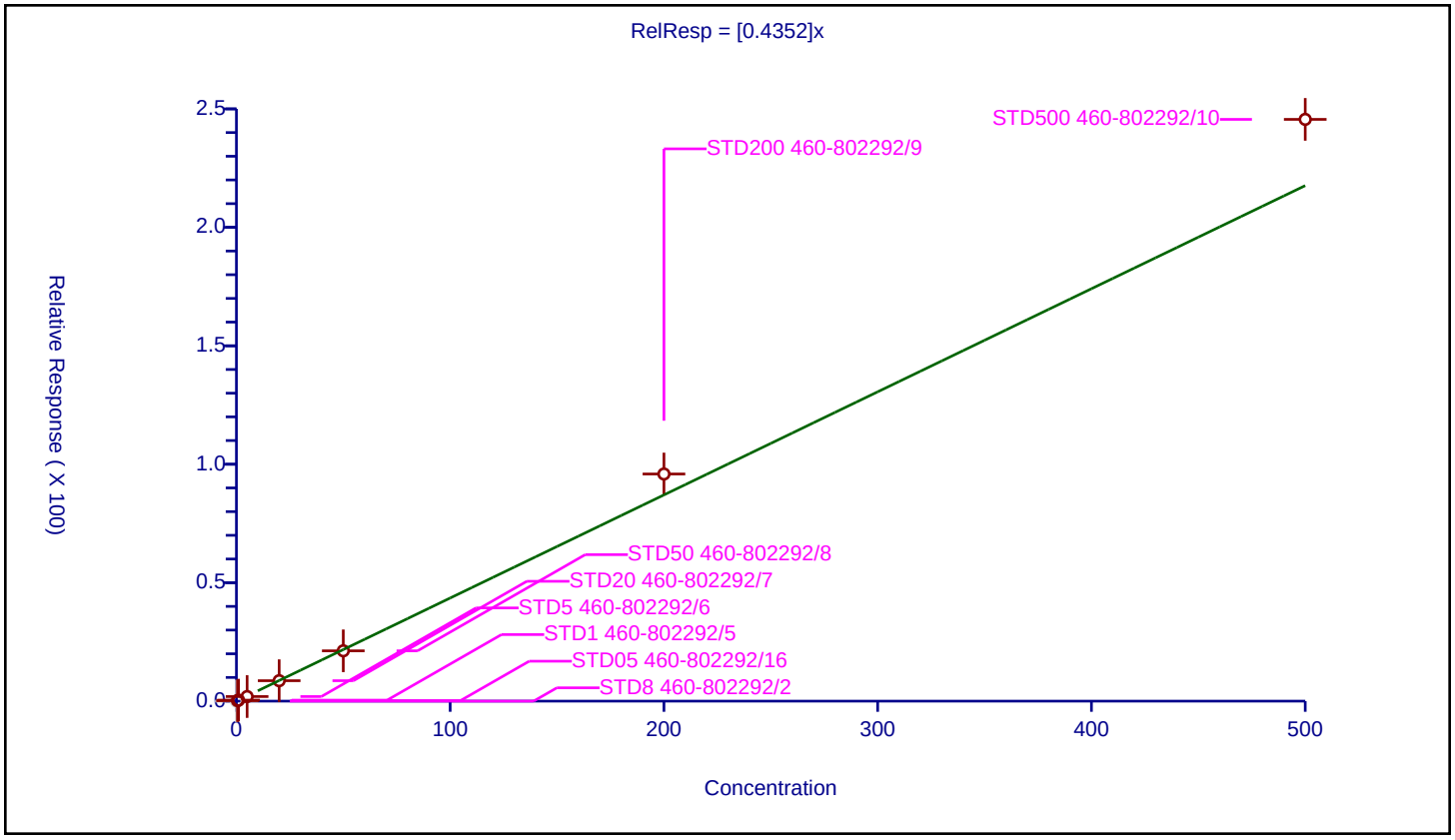
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4352 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1340000 |
| **Relative Standard Error:** | 8.5 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.206634 | 50.0 | 435068.0 | 0.413269 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.419306 | 50.0 | 431785.0 | 0.419306 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.934805 | 50.0 | 456015.0 | 0.386961 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 8.630879 | 50.0 | 484771.0 | 0.431544 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 21.246625 | 50.0 | 515929.0 | 0.424933 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 95.879959 | 50.0 | 549946.0 | 0.4794 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 245.567855 | 50.0 | 633102.0 | 0.491136 | Y |



## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

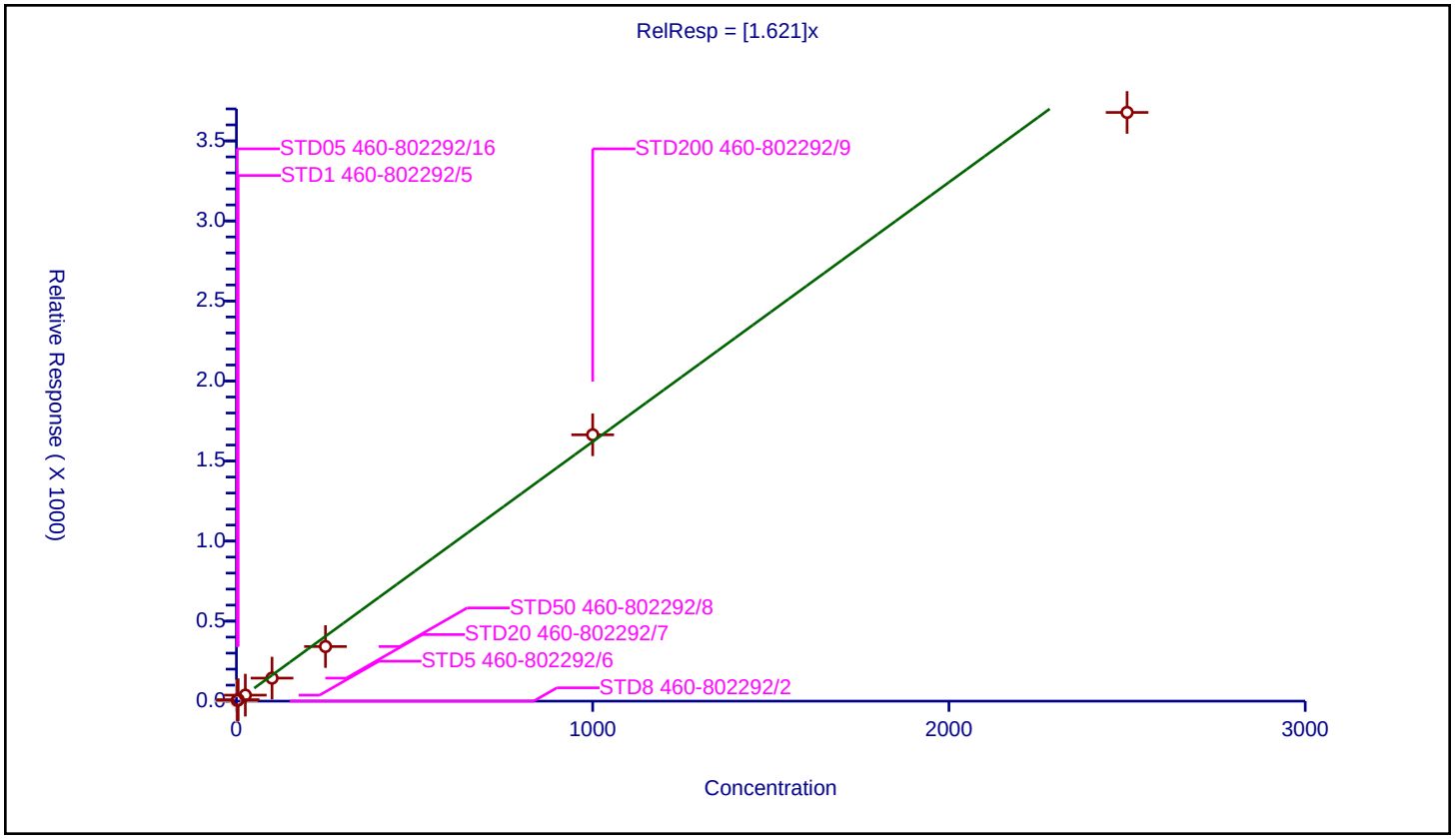
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.621 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2500000 |
| **Relative Standard Error:** | 16.2 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.961 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 250.0 | 225877.0 | NaN | N |
| 2 | STD05 460-802292/16 | 2.5 | 5.286849 | 250.0 | 208158.0 | 2.11474 | Y |
| 3 | STD1 460-802292/5 | 5.0 | 8.975072 | 250.0 | 197770.0 | 1.795014 | Y |
| 4 | STD5 460-802292/6 | 25.0 | 37.443639 | 250.0 | 238198.0 | 1.497746 | Y |
| 5 | STD20 460-802292/7 | 100.0 | 143.796473 | 250.0 | 244361.0 | 1.437965 | Y |
| 6 | STD50 460-802292/8 | 250.0 | 341.225306 | 250.0 | 280232.0 | 1.364901 | Y |
| 7 | STD200 460-802292/9 | 1000.0 | 1663.992065 | 250.0 | 310794.0 | 1.663992 | Y |
| 8 | STD500 460-802292/10 | 2500.0 | 3677.911103 | 250.0 | 391690.0 | 1.471164 | Y |



## Calibration / Iodomethane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

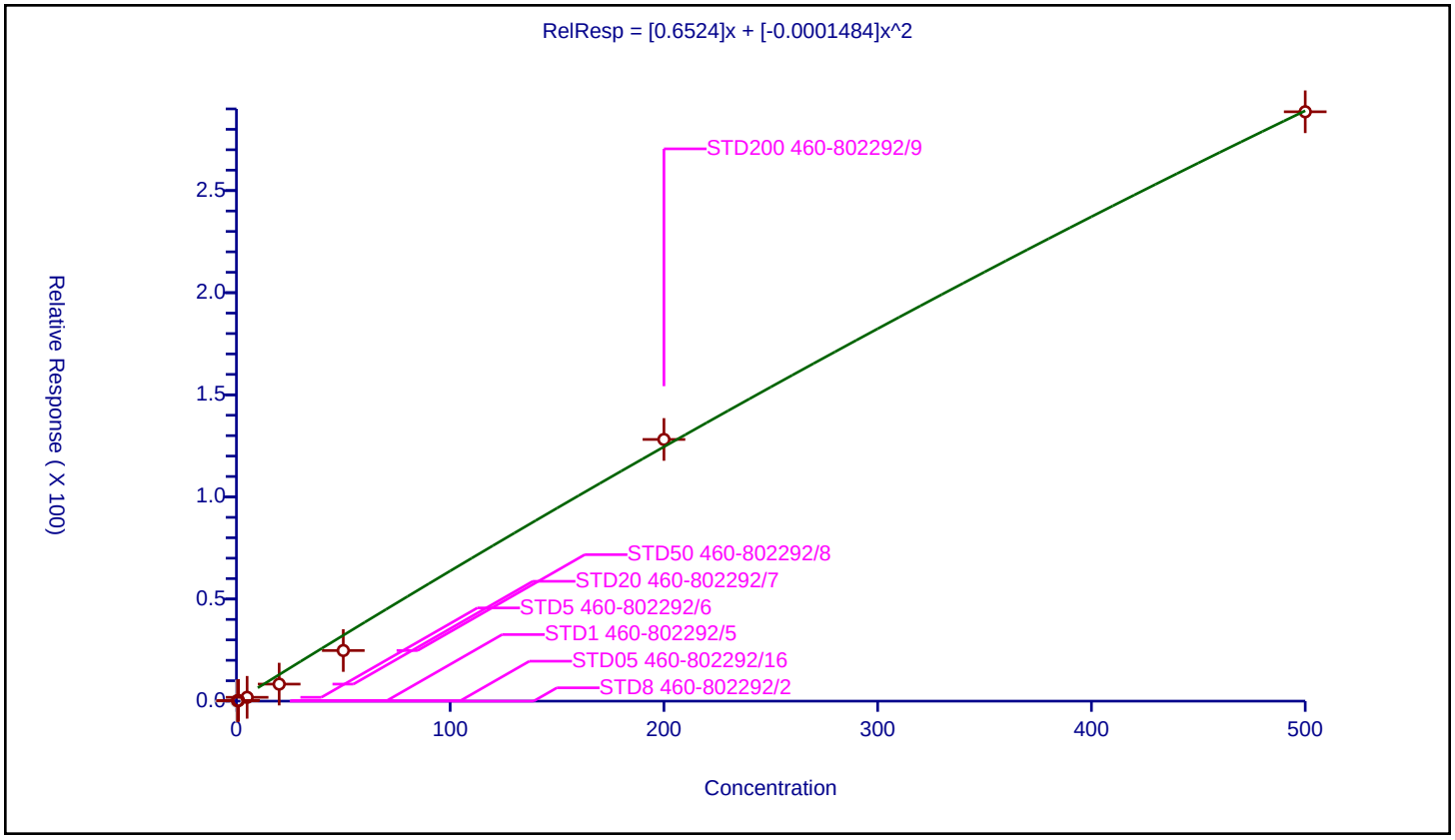
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6524 |
| **Second Order:** | -0.0001484 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1760000 |
| **Relative Standard Error:** | 39.4 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.196521 | 50.0 | 435068.0 | 0.393042 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.325509 | 50.0 | 431785.0 | 0.325509 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.867373 | 50.0 | 456015.0 | 0.373475 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 8.339814 | 50.0 | 484771.0 | 0.416991 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 24.784612 | 50.0 | 515929.0 | 0.495692 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 128.140036 | 50.0 | 549946.0 | 0.6407 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 288.58691 | 50.0 | 633102.0 | 0.577174 | Y |



## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

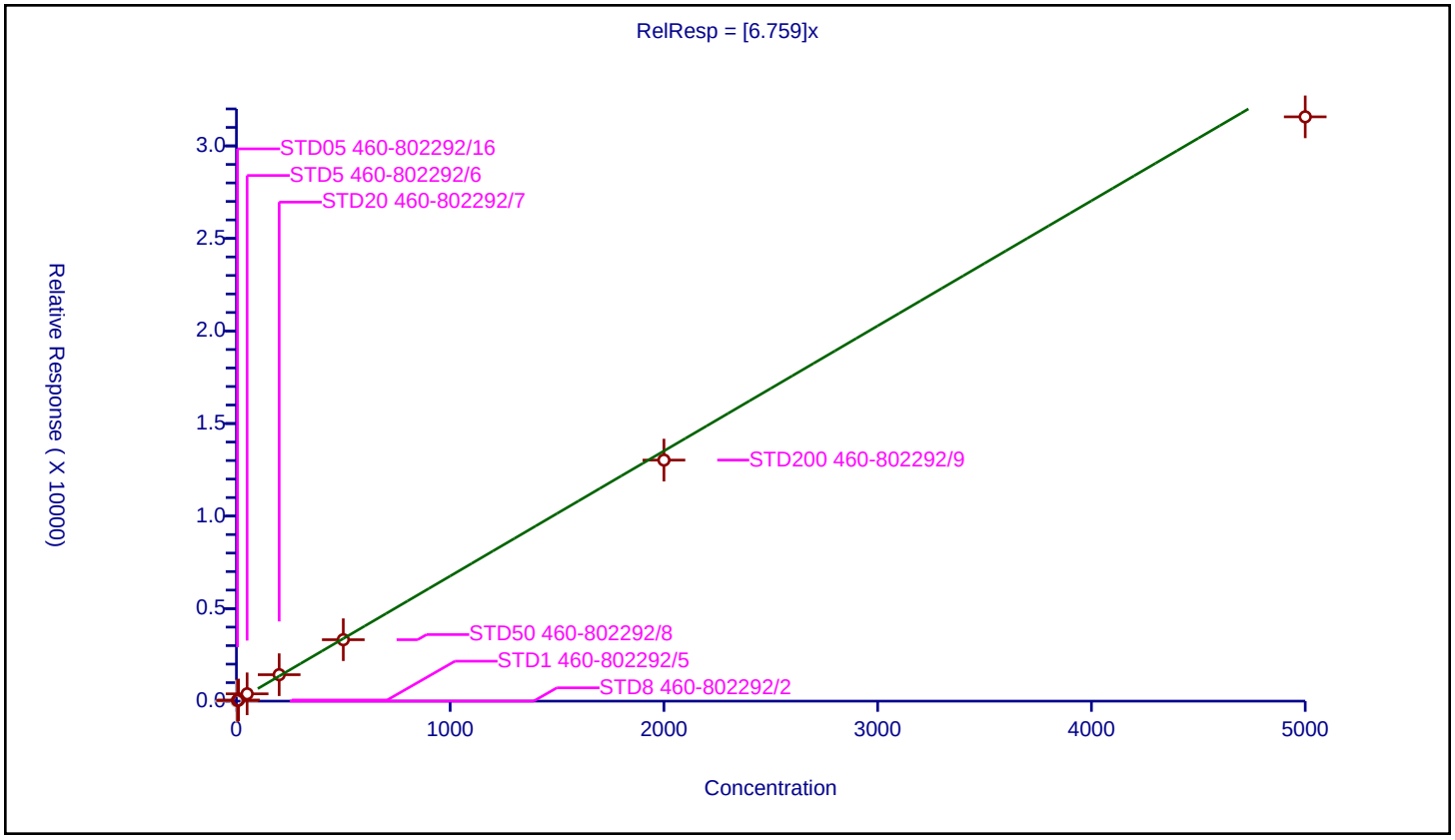
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 6.759 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 784000 |
| **Relative Standard Error:** | 9.0 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 1000.0 | 32981.0 | NaN | N |
| 2 | STD05 460-802292/16 | 5.0 | 33.859372 | 1000.0 | 33521.0 | 6.771874 | Y |
| 3 | STD1 460-802292/5 | 10.0 | 60.366011 | 1000.0 | 30928.0 | 6.036601 | Y |
| 4 | STD5 460-802292/6 | 50.0 | 394.768728 | 1000.0 | 37964.0 | 7.895375 | Y |
| 5 | STD20 460-802292/7 | 200.0 | 1428.850529 | 1000.0 | 37365.0 | 7.144253 | Y |
| 6 | STD50 460-802292/8 | 500.0 | 3319.146894 | 1000.0 | 41683.0 | 6.638294 | Y |
| 7 | STD200 460-802292/9 | 2000.0 | 13024.337279 | 1000.0 | 51115.0 | 6.512169 | Y |
| 8 | STD500 460-802292/10 | 5000.0 | 31570.700725 | 1000.0 | 58097.0 | 6.31414 | Y |



| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

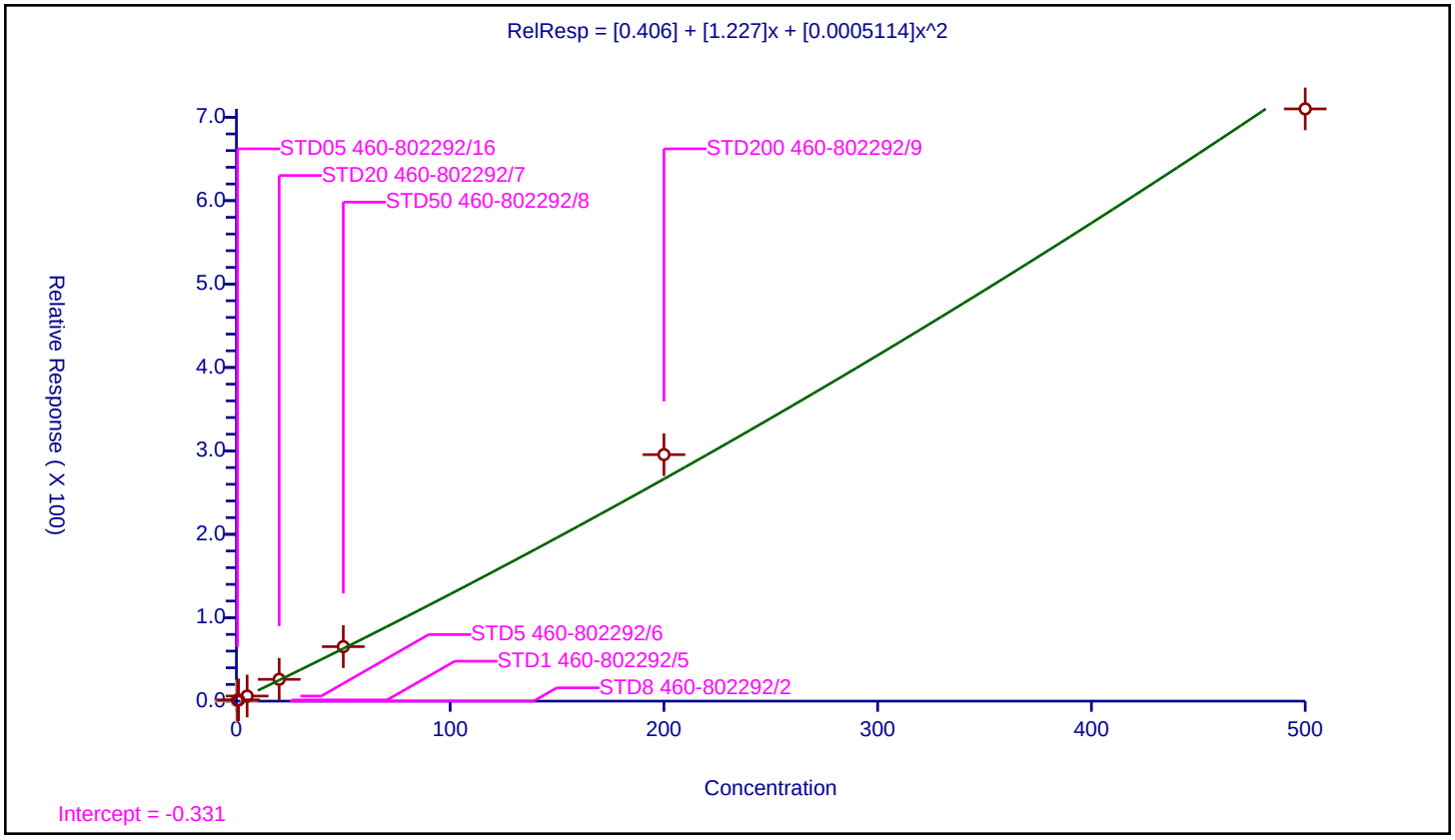
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.406 |
| **Slope:** | 1.227 |
| **Second Order:** | 0.0005114 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4790000 |
| **Relative Standard Error:** | 11.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.072131 | 50.0 | 435068.0 | 2.144263 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.437753 | 50.0 | 431785.0 | 1.437753 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 6.124031 | 50.0 | 456015.0 | 1.224806 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 26.143684 | 50.0 | 484771.0 | 1.307184 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 65.35502 | 50.0 | 515929.0 | 1.3071 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 295.533925 | 50.0 | 549946.0 | 1.47767 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 709.987174 | 50.0 | 633102.0 | 1.419974 | Y |



## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

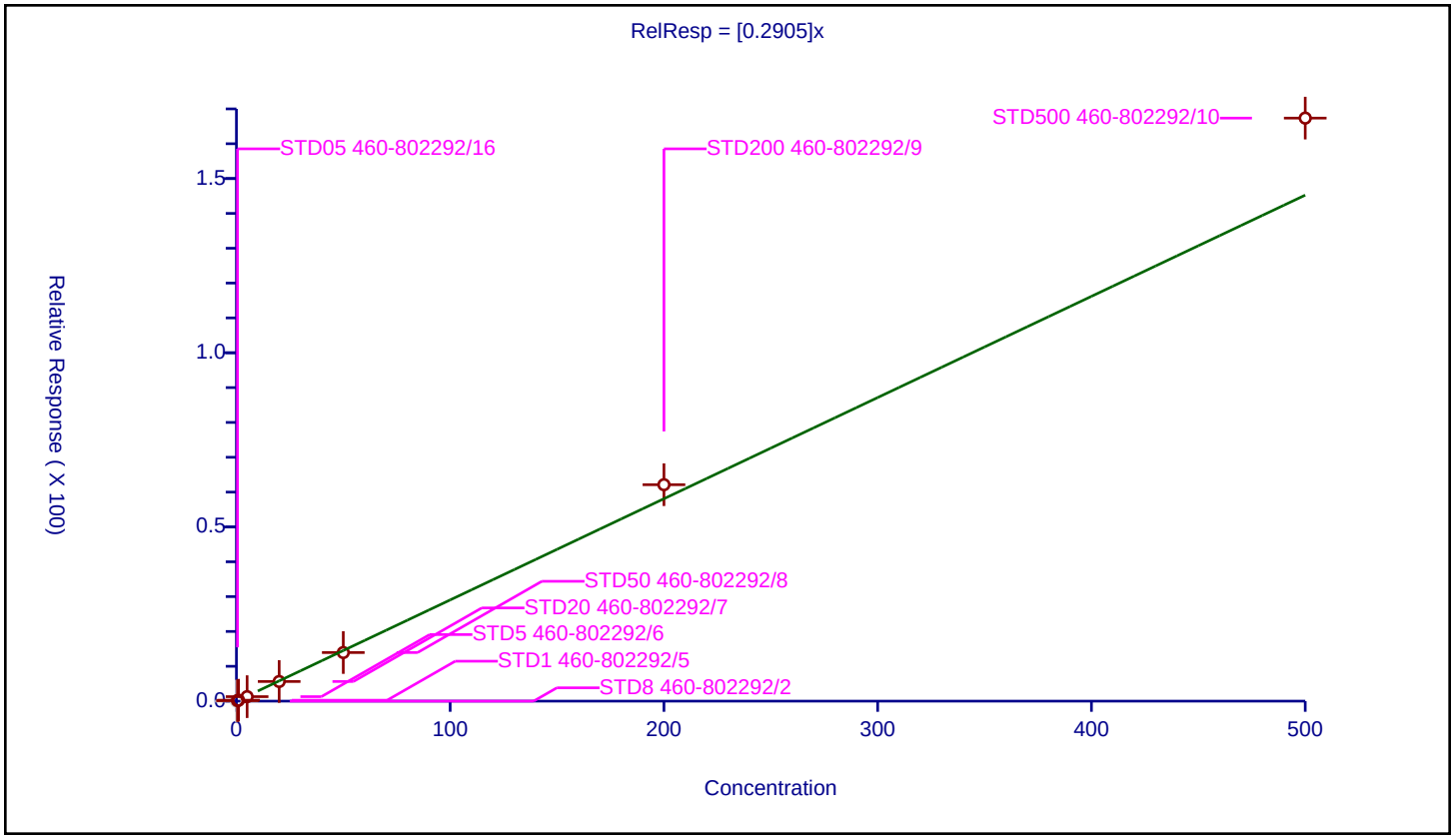
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2905 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 911000 |
| **Relative Standard Error:** | 9.3 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.151815 | 50.0 | 435068.0 | 0.303631 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.26622 | 50.0 | 431785.0 | 0.26622 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.287019 | 50.0 | 456015.0 | 0.257404 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 5.635032 | 50.0 | 484771.0 | 0.281752 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 13.951726 | 50.0 | 515929.0 | 0.279035 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 62.128191 | 50.0 | 549946.0 | 0.310641 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 167.355418 | 50.0 | 633102.0 | 0.334711 | Y |



## Calibration / Methyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

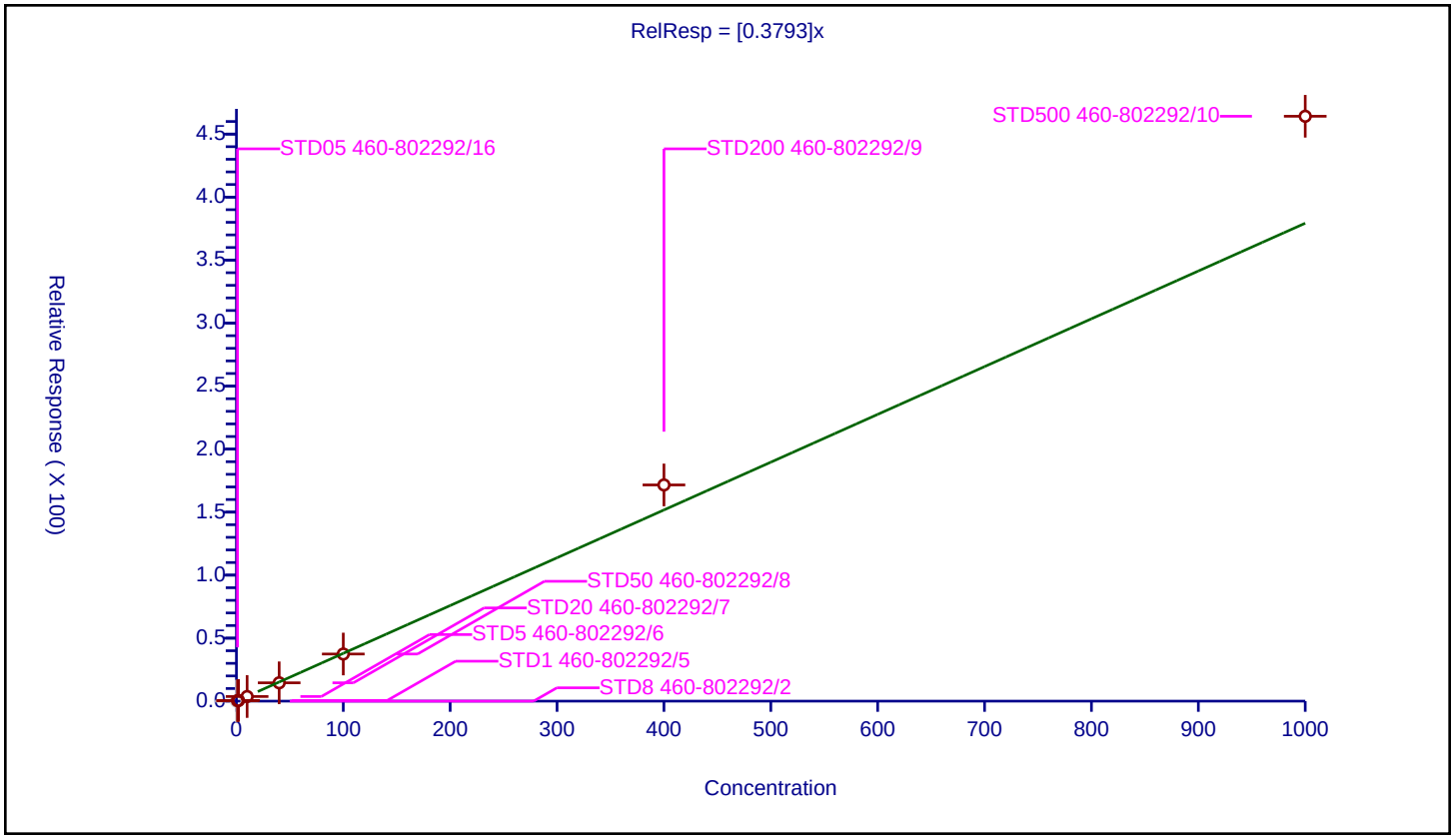
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3793 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2530000 |
| **Relative Standard Error:** | 16.8 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.968 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 1.0 | 0.396605 | 50.0 | 435068.0 | 0.396605 | Y |
| 3 | STD1 460-802292/5 | 2.0 | 0.521556 | 50.0 | 431785.0 | 0.260778 | Y |
| 4 | STD5 460-802292/6 | 10.0 | 3.665998 | 50.0 | 456015.0 | 0.3666 | Y |
| 5 | STD20 460-802292/7 | 40.0 | 14.551304 | 50.0 | 484771.0 | 0.363783 | Y |
| 6 | STD50 460-802292/8 | 100.0 | 37.404759 | 50.0 | 515929.0 | 0.374048 | Y |
| 7 | STD200 460-802292/9 | 400.0 | 171.565936 | 50.0 | 549946.0 | 0.428915 | Y |
| 8 | STD500 460-802292/10 | 1000.0 | 464.144245 | 50.0 | 633102.0 | 0.464144 | Y |



## Calibration / Cyclopentene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

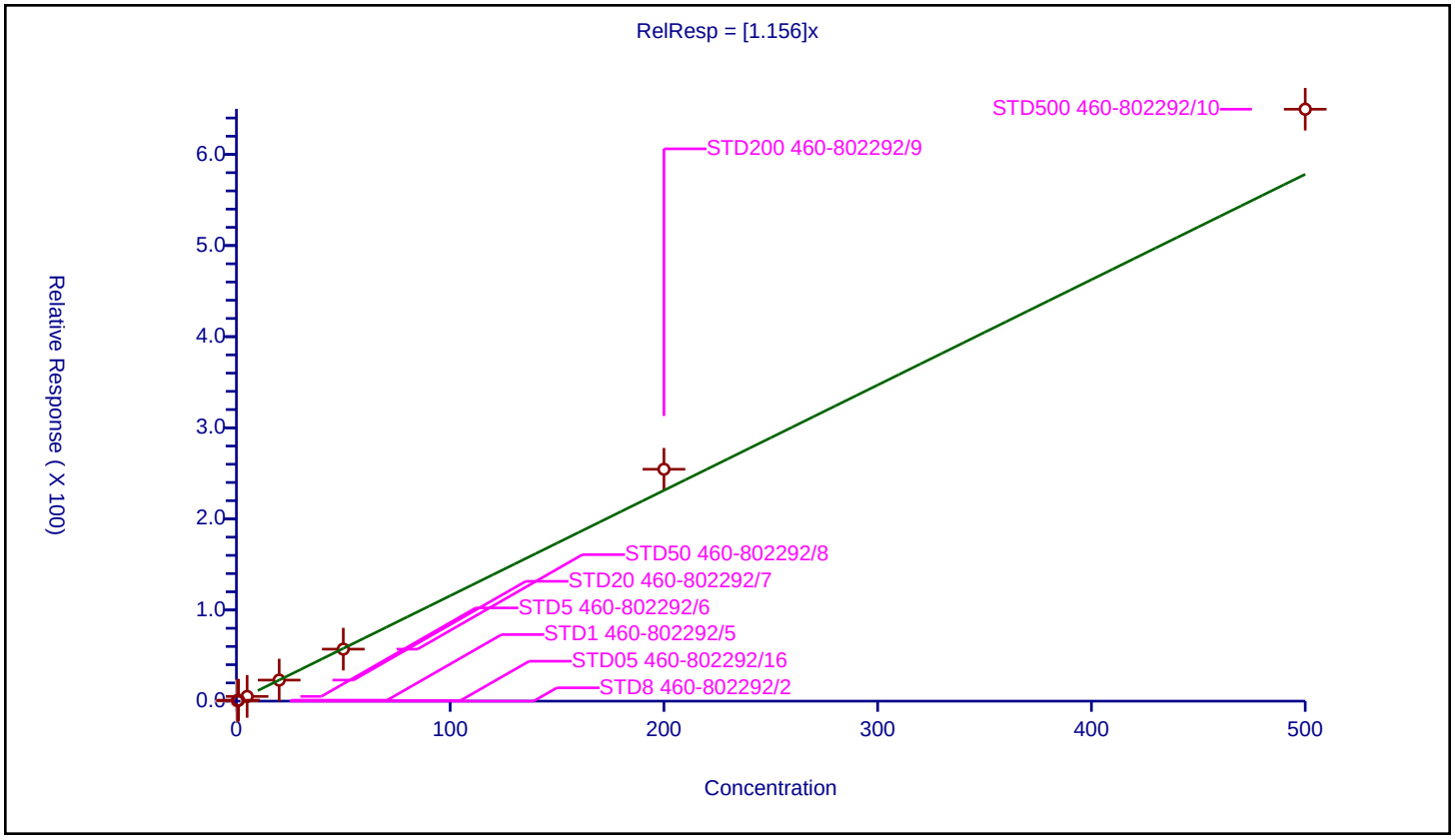
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.156 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3560000 |
| **Relative Standard Error:** | 8.4 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.559338 | 50.0 | 435068.0 | 1.118676 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.071367 | 50.0 | 431785.0 | 1.071367 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 5.186781 | 50.0 | 456015.0 | 1.037356 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 23.098845 | 50.0 | 484771.0 | 1.154942 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 57.062503 | 50.0 | 515929.0 | 1.14125 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 254.500987 | 50.0 | 549946.0 | 1.272505 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 649.642475 | 50.0 | 633102.0 | 1.299285 | Y |



## Calibration / Acetonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

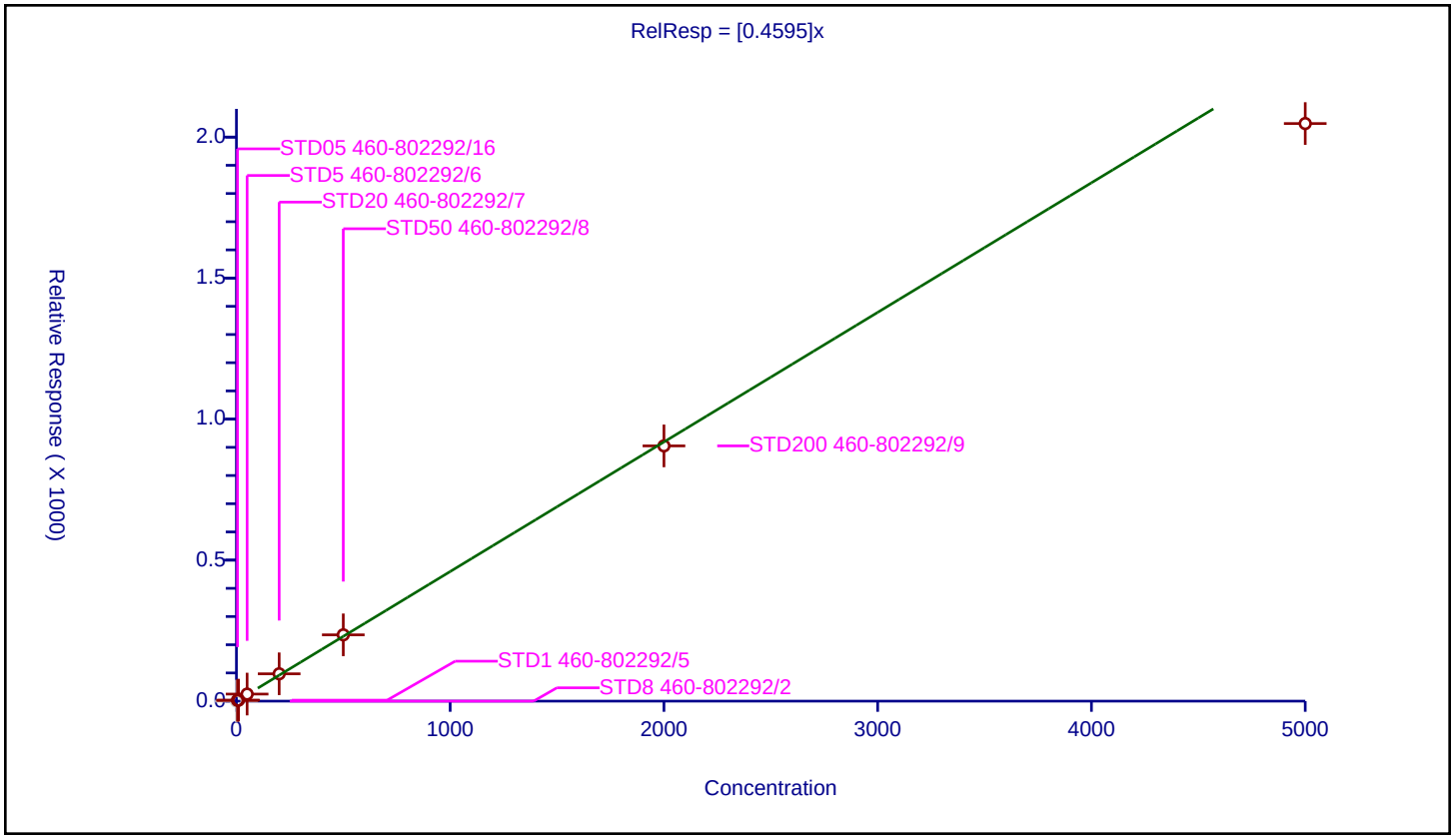
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4595 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1390000 |
| **Relative Standard Error:** | 15.1 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.971 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 250.0 | 225877.0 | NaN | N |
| 2 | STD05 460-802292/16 | 5.0 | 2.783943 | 250.0 | 208158.0 | 0.556789 | Y |
| 3 | STD1 460-802292/5 | 10.0 | 3.404207 | 250.0 | 197770.0 | 0.340421 | Y |
| 4 | STD5 460-802292/6 | 50.0 | 25.119858 | 250.0 | 238198.0 | 0.502397 | Y |
| 5 | STD20 460-802292/7 | 200.0 | 96.910923 | 250.0 | 244361.0 | 0.484555 | Y |
| 6 | STD50 460-802292/8 | 500.0 | 235.100738 | 250.0 | 280232.0 | 0.470201 | Y |
| 7 | STD200 460-802292/9 | 2000.0 | 905.074583 | 250.0 | 310794.0 | 0.452537 | Y |
| 8 | STD500 460-802292/10 | 5000.0 | 2048.022033 | 250.0 | 391690.0 | 0.409604 | Y |



## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

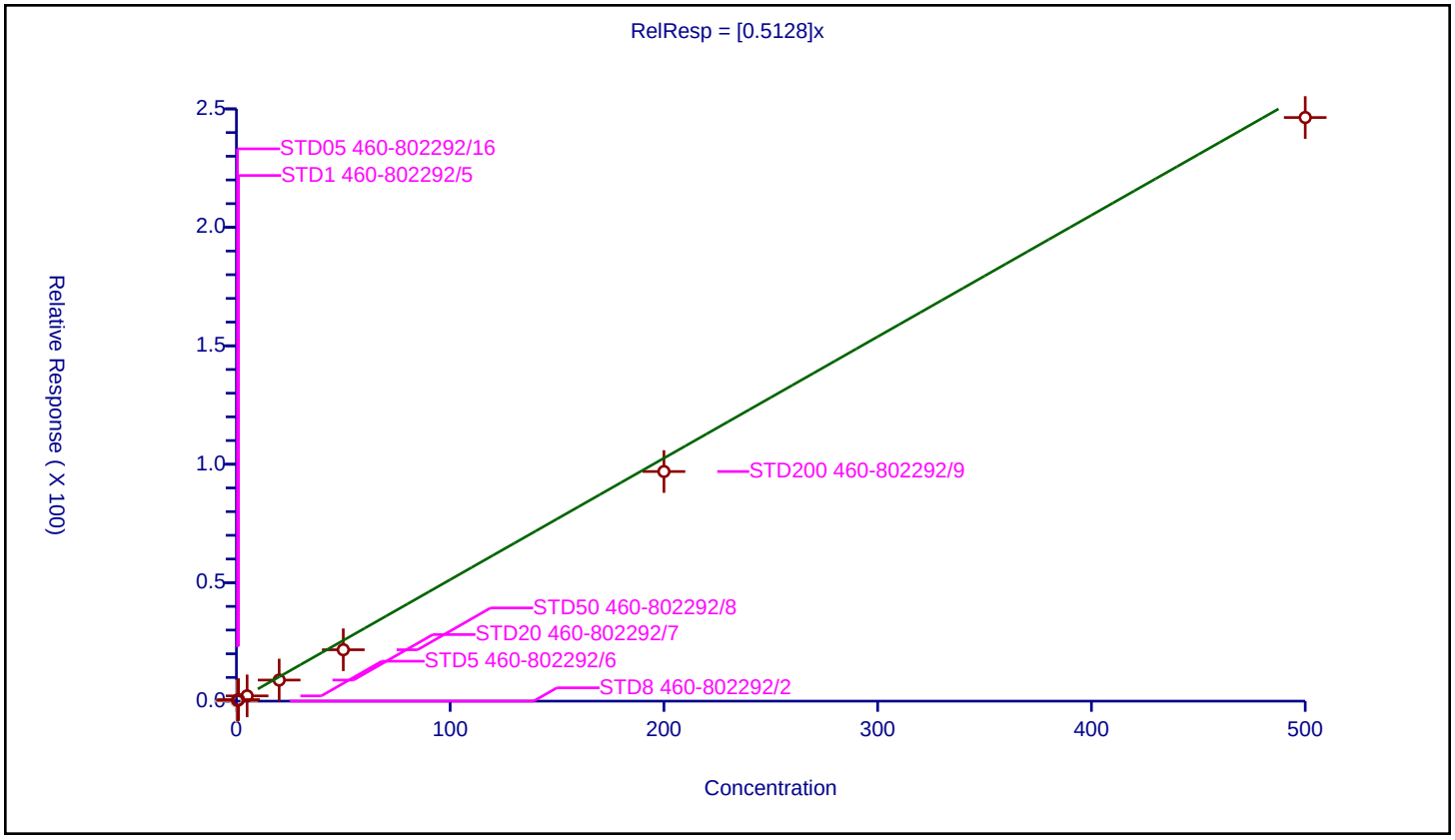
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5128 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1350000 |
| **Relative Standard Error:** | 18.1 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.950 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.328454 | 50.0 | 435068.0 | 0.656909 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.632259 | 50.0 | 431785.0 | 0.632259 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.221309 | 50.0 | 456015.0 | 0.444262 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 8.896159 | 50.0 | 484771.0 | 0.444808 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 21.696978 | 50.0 | 515929.0 | 0.43394 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 96.924607 | 50.0 | 549946.0 | 0.484623 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 246.362592 | 50.0 | 633102.0 | 0.492725 | Y |



## Calibration / 2-Methyl-2-propanol

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

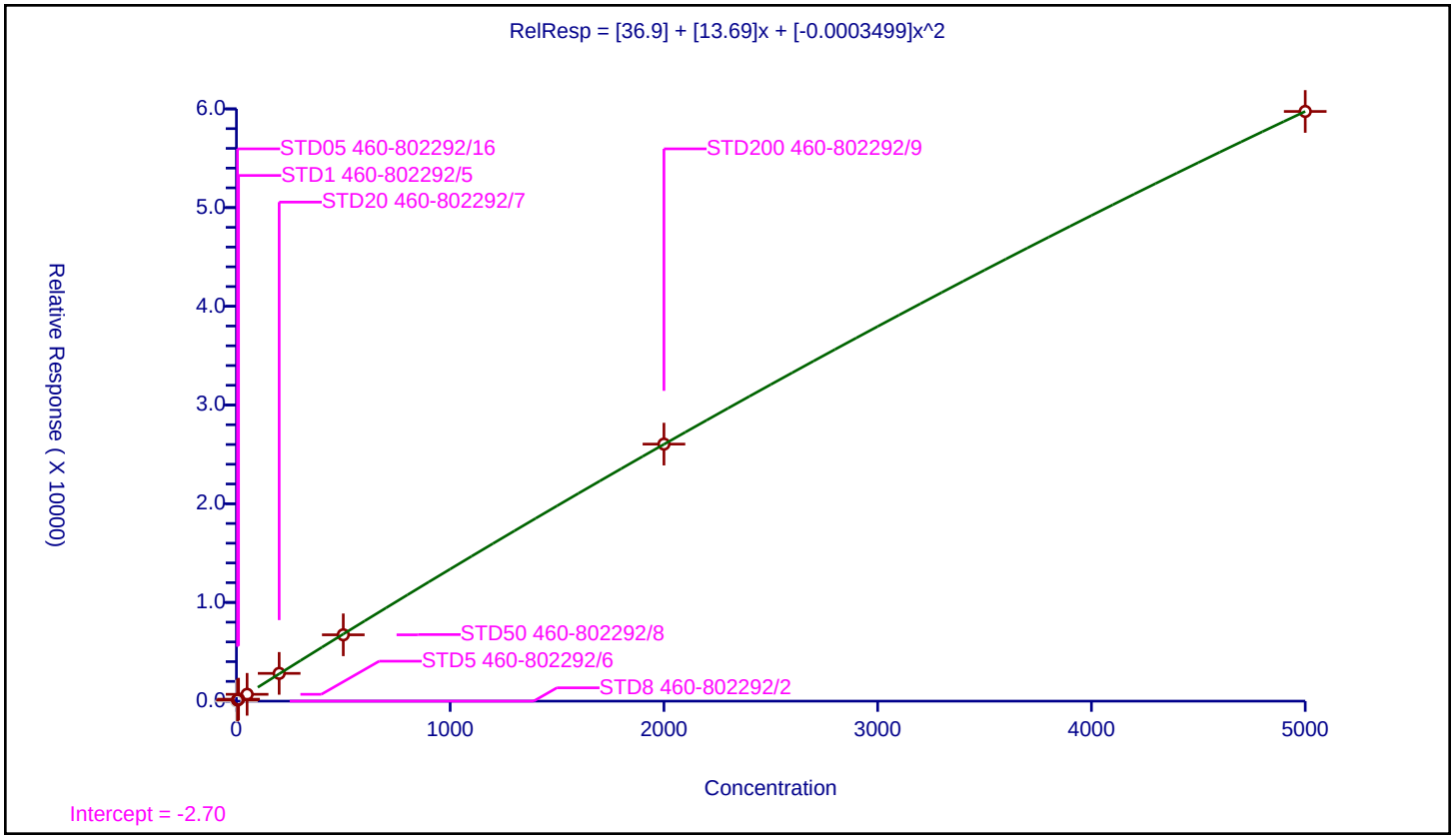
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 36.9 |
| **Slope:** | 13.69 |
| **Second Order:** | -0.0003499 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1830000 |
| **Relative Standard Error:** | 10.7 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 1000.0 | 32981.0 | NaN | N |
| 2 | STD05 460-802292/16 | 5.0 | 113.331941 | 1000.0 | 33521.0 | 22.666388 | Y |
| 3 | STD1 460-802292/5 | 10.0 | 197.361614 | 1000.0 | 30928.0 | 19.736161 | Y |
| 4 | STD5 460-802292/6 | 50.0 | 693.420082 | 1000.0 | 37964.0 | 13.868402 | Y |
| 5 | STD20 460-802292/7 | 200.0 | 2812.685668 | 1000.0 | 37365.0 | 14.063428 | Y |
| 6 | STD50 460-802292/8 | 500.0 | 6721.229278 | 1000.0 | 41683.0 | 13.442459 | Y |
| 7 | STD200 460-802292/9 | 2000.0 | 26039.538296 | 1000.0 | 51115.0 | 13.019769 | Y |
| 8 | STD500 460-802292/10 | 5000.0 | 59741.966022 | 1000.0 | 58097.0 | 11.948393 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

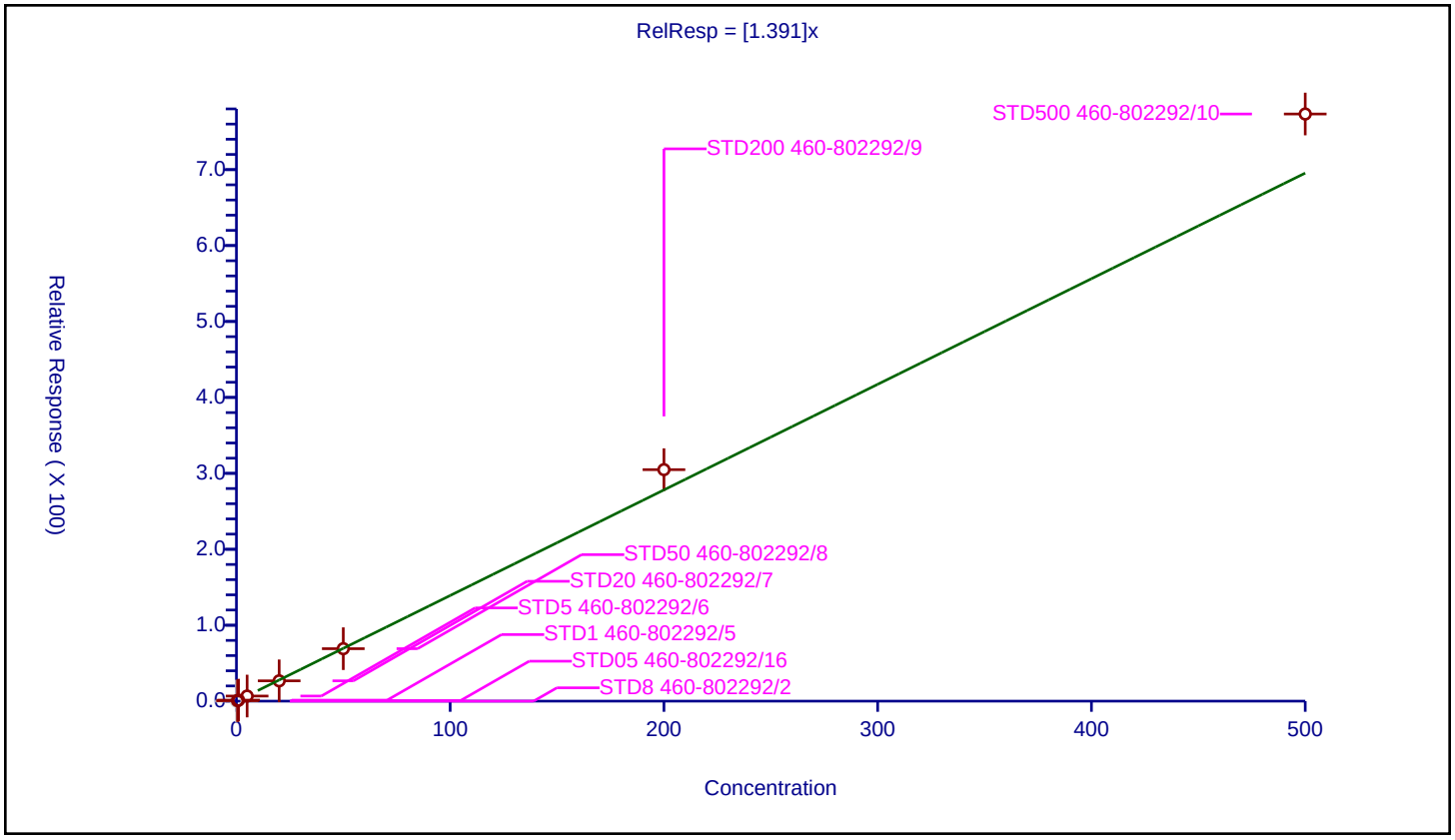
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.391 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4240000 |
| **Relative Standard Error:** | 7.4 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.642198 | 50.0 | 435068.0 | 1.284397 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.317438 | 50.0 | 431785.0 | 1.317438 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 6.72434 | 50.0 | 456015.0 | 1.344868 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 26.737986 | 50.0 | 484771.0 | 1.336899 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 69.08092 | 50.0 | 515929.0 | 1.381618 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 304.863023 | 50.0 | 549946.0 | 1.524315 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 773.263471 | 50.0 | 633102.0 | 1.546527 | Y |



## Calibration / trans-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

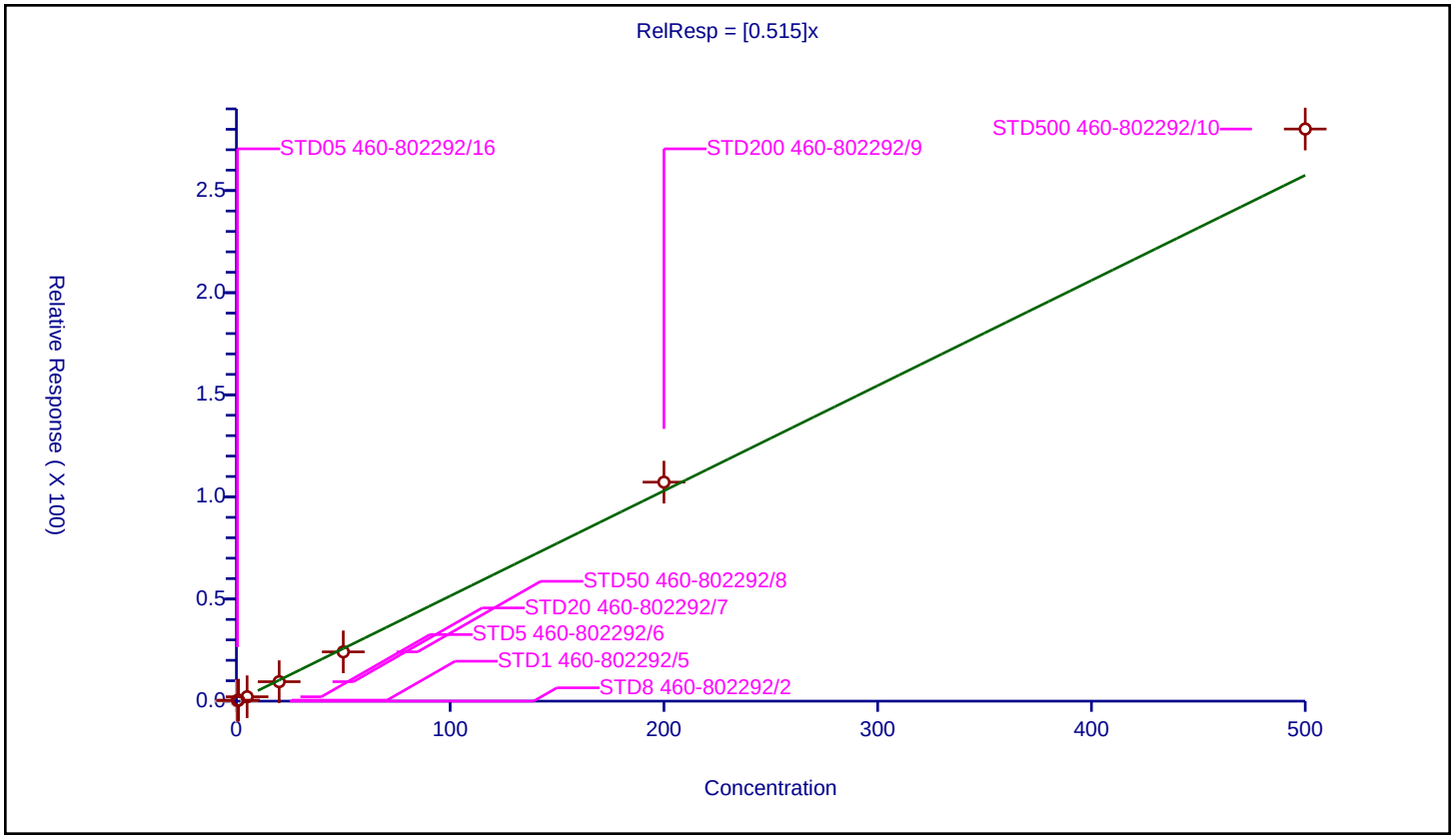
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.515 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1530000 |
| **Relative Standard Error:** | 12.8 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.978 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.314778 | 50.0 | 435068.0 | 0.629557 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.489827 | 50.0 | 431785.0 | 0.489827 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.150258 | 50.0 | 456015.0 | 0.430052 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 9.53017 | 50.0 | 484771.0 | 0.476508 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 24.130258 | 50.0 | 515929.0 | 0.482605 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 107.238438 | 50.0 | 549946.0 | 0.536192 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 280.141194 | 50.0 | 633102.0 | 0.560282 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

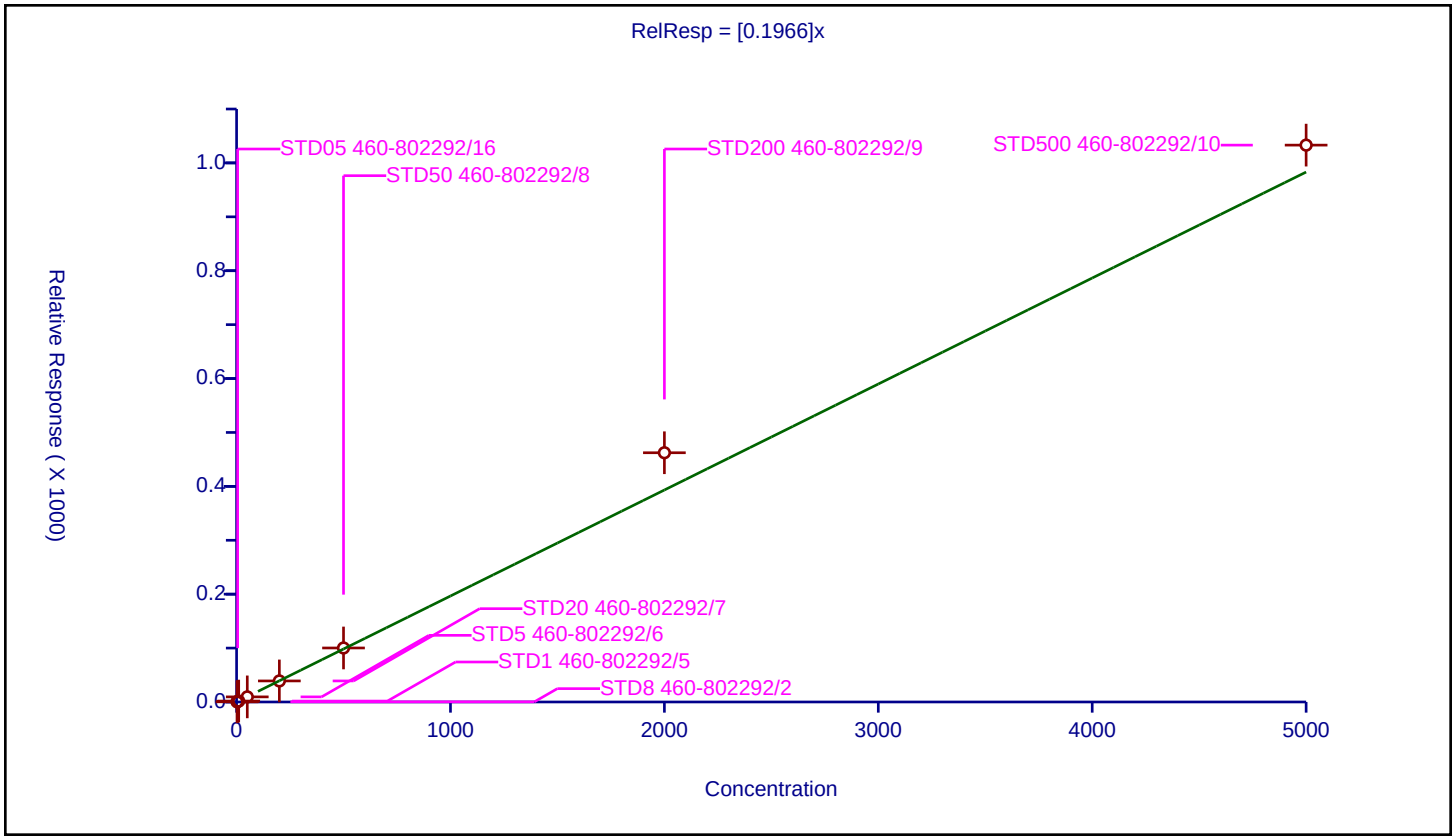
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1966 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5320000 |
| **Relative Standard Error:** | 10.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 2.0 | 0.344596 | 50.0 | 525543.0 | 0.172298 | Y |
| 2 | STD05 460-802292/16 | 5.0 | 1.033976 | 50.0 | 435068.0 | 0.206795 | Y |
| 3 | STD1 460-802292/5 | 10.0 | 1.708373 | 50.0 | 431785.0 | 0.170837 | Y |
| 4 | STD5 460-802292/6 | 50.0 | 9.479403 | 50.0 | 456015.0 | 0.189588 | Y |
| 5 | STD20 460-802292/7 | 200.0 | 39.044105 | 50.0 | 484771.0 | 0.195221 | Y |
| 6 | STD50 460-802292/8 | 500.0 | 100.199543 | 50.0 | 515929.0 | 0.200399 | Y |
| 7 | STD200 460-802292/9 | 2000.0 | 462.372487 | 50.0 | 549946.0 | 0.231186 | Y |
| 8 | STD500 460-802292/10 | 5000.0 | 1033.015454 | 50.0 | 633102.0 | 0.206603 | Y |



## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

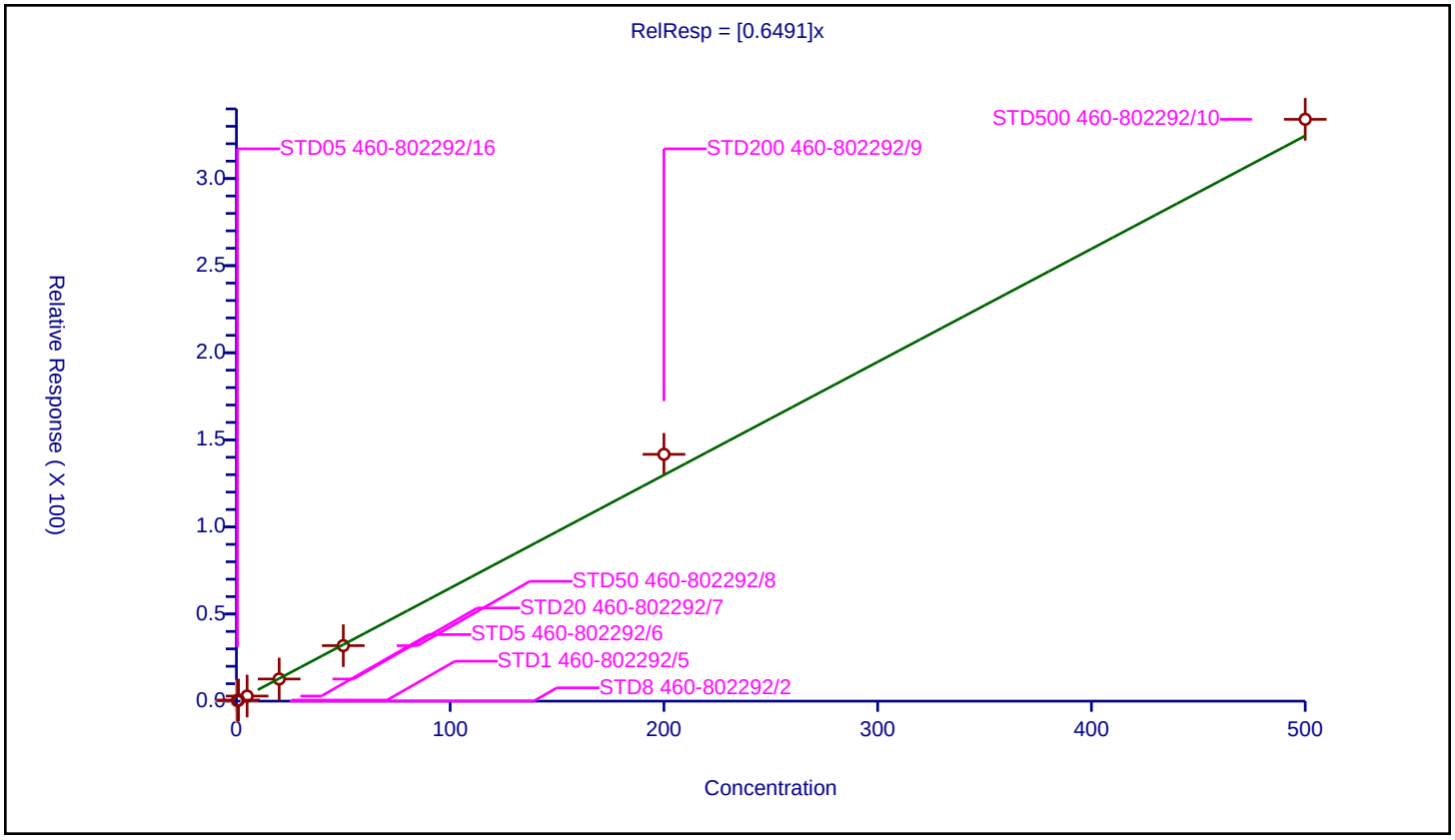
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6491 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1850000 |
| **Relative Standard Error:** | 6.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.344429 | 50.0 | 435068.0 | 0.688858 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.620679 | 50.0 | 431785.0 | 0.620679 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.924575 | 50.0 | 456015.0 | 0.584915 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 12.710228 | 50.0 | 484771.0 | 0.635511 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 31.861458 | 50.0 | 515929.0 | 0.637229 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 141.693548 | 50.0 | 549946.0 | 0.708468 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 334.025086 | 50.0 | 633102.0 | 0.66805 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

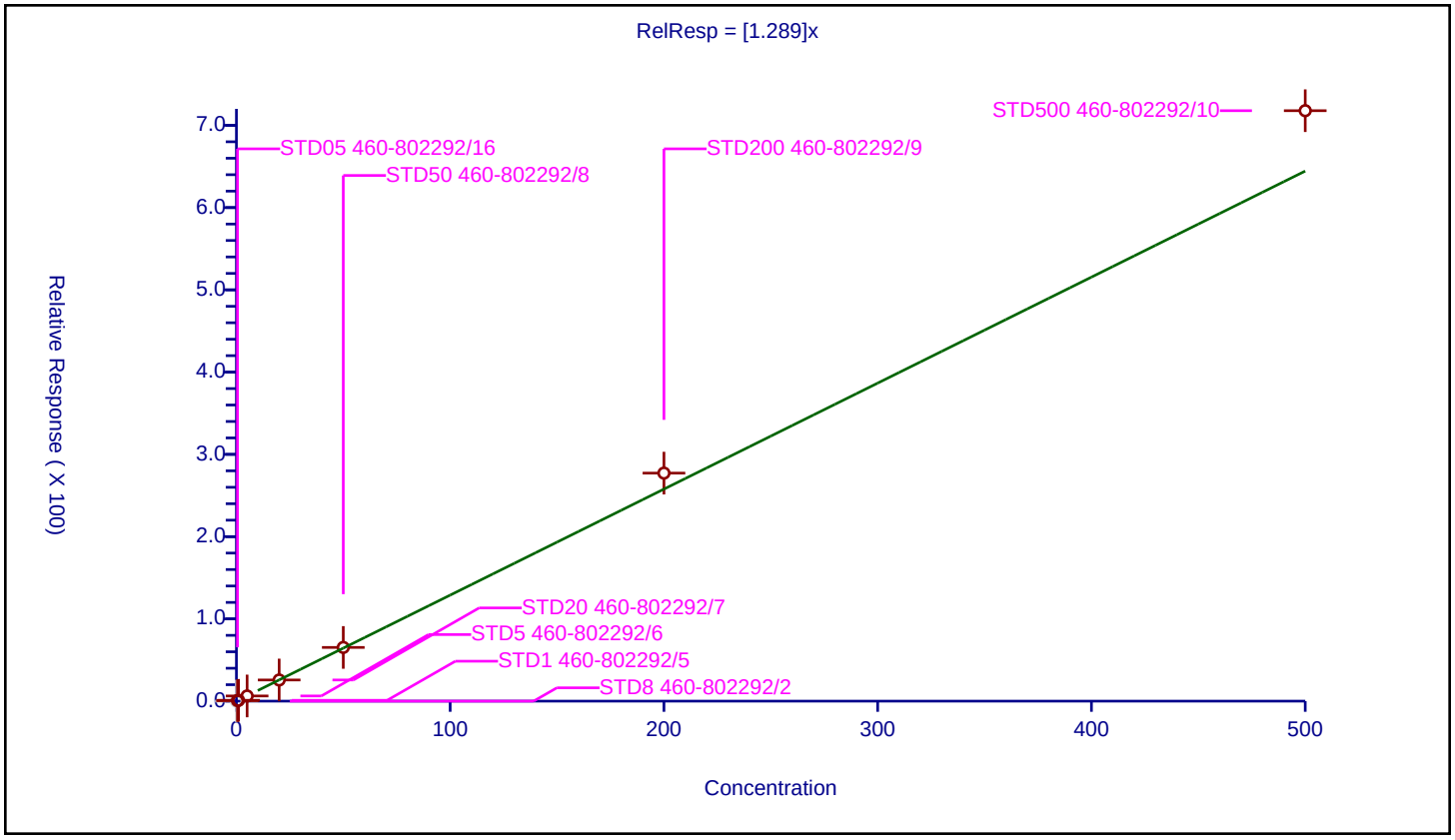
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.289 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3920000 |
| **Relative Standard Error:** | 10.4 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.666907 | 50.0 | 435068.0 | 1.333814 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.016594 | 50.0 | 431785.0 | 1.016594 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 6.282249 | 50.0 | 456015.0 | 1.25645 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 25.736172 | 50.0 | 484771.0 | 1.286809 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 65.300749 | 50.0 | 515929.0 | 1.306015 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 277.2214 | 50.0 | 549946.0 | 1.386107 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 717.806925 | 50.0 | 633102.0 | 1.435614 | Y |



## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

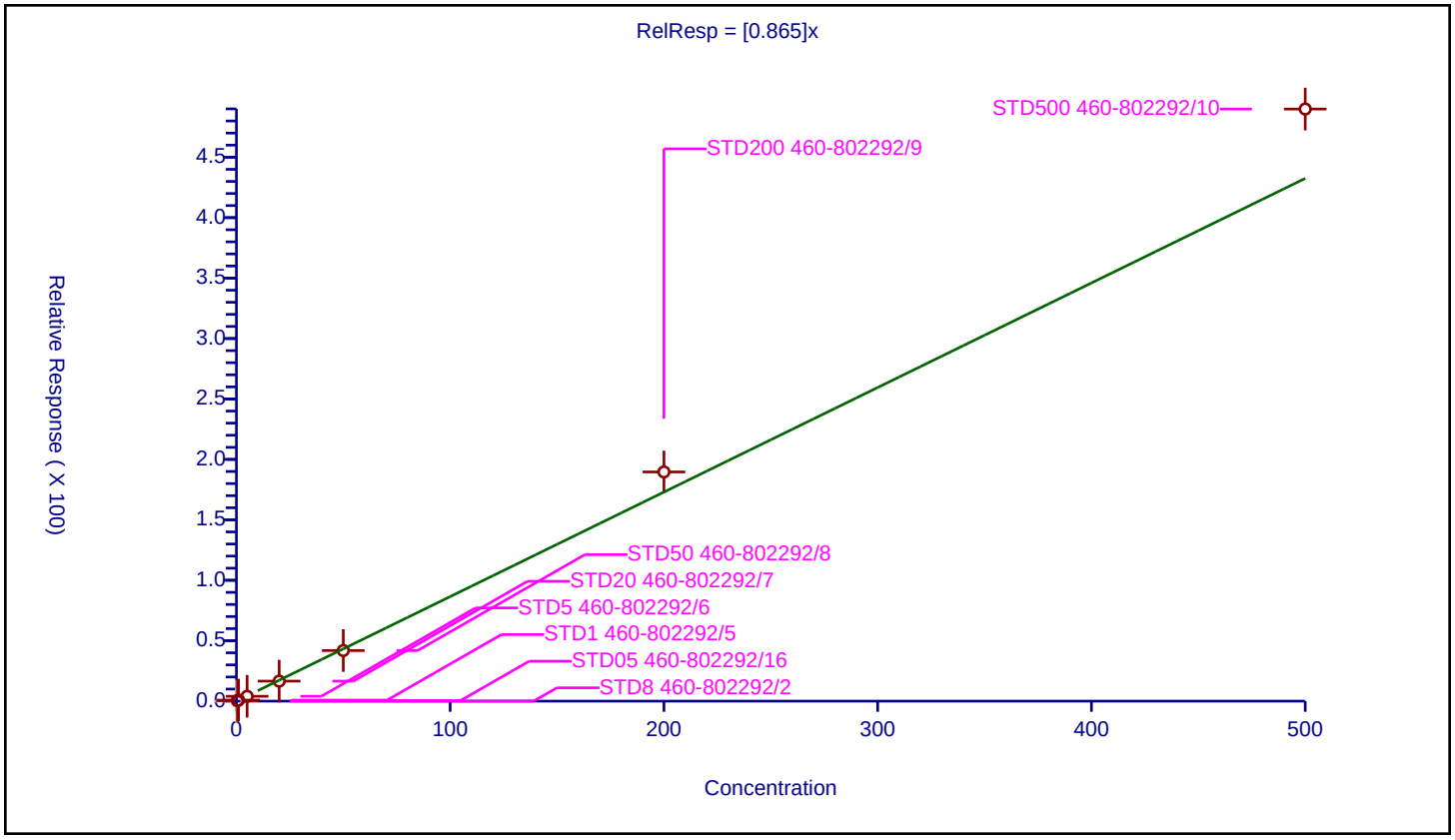
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.865 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2680000 |
| **Relative Standard Error:** | 8.1 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.402696 | 50.0 | 435068.0 | 0.805391 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.851234 | 50.0 | 431785.0 | 0.851234 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 4.023442 | 50.0 | 456015.0 | 0.804688 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 16.569267 | 50.0 | 484771.0 | 0.828463 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 41.851883 | 50.0 | 515929.0 | 0.837038 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 189.633982 | 50.0 | 549946.0 | 0.94817 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 489.860007 | 50.0 | 633102.0 | 0.97972 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

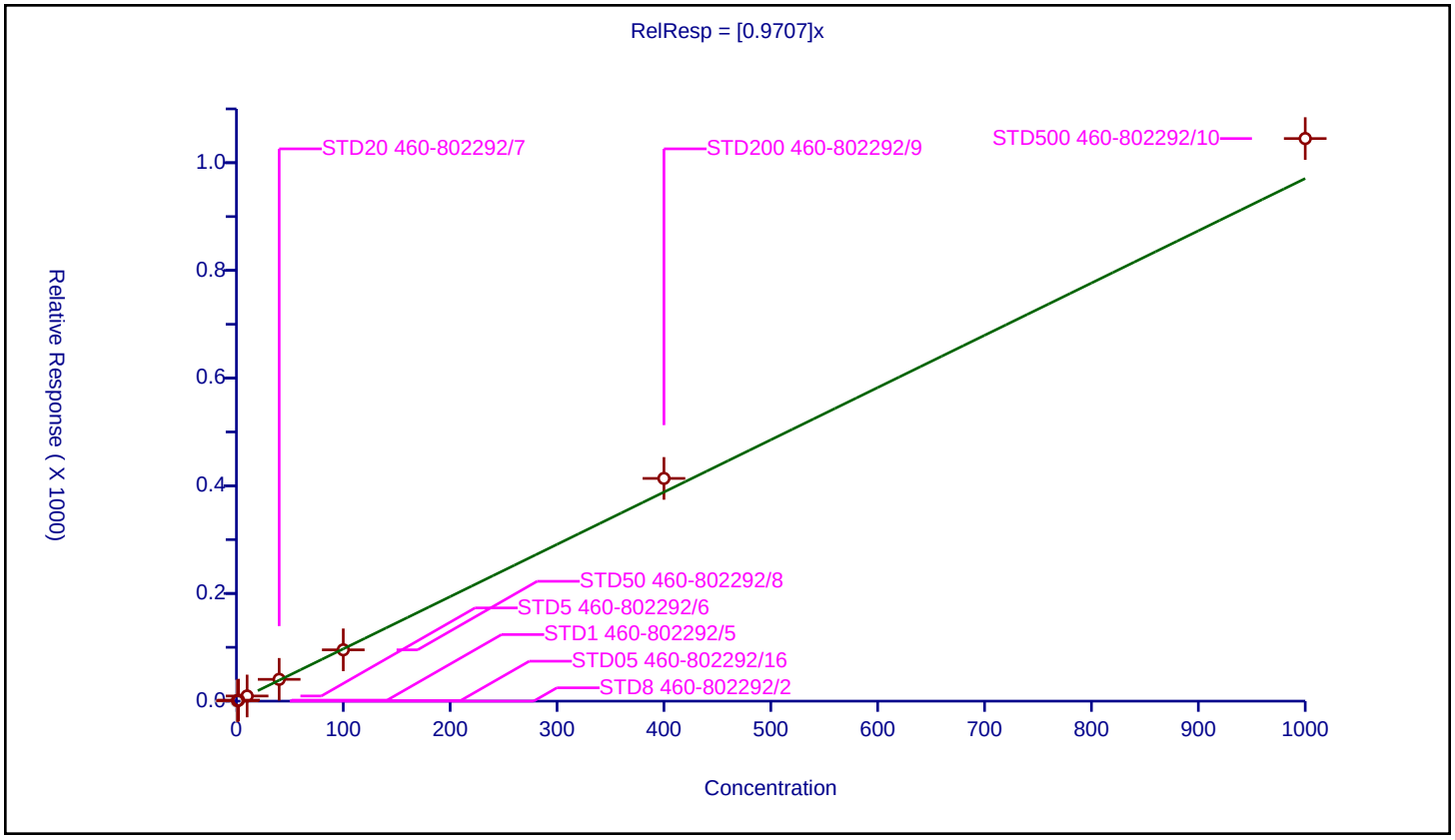
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9707 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 702000 |
| **Relative Standard Error:** | 6.7 |
| **Correlation Coefficient:** | 0.993 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 250.0 | 225877.0 | NaN | N |
| 2 | STD05 460-802292/16 | 1.0 | 0.858723 | 250.0 | 208158.0 | 0.858723 | Y |
| 3 | STD1 460-802292/5 | 2.0 | 1.87086 | 250.0 | 197770.0 | 0.93543 | Y |
| 4 | STD5 460-802292/6 | 10.0 | 9.557175 | 250.0 | 238198.0 | 0.955718 | Y |
| 5 | STD20 460-802292/7 | 40.0 | 40.508715 | 250.0 | 244361.0 | 1.012718 | Y |
| 6 | STD50 460-802292/8 | 100.0 | 95.307638 | 250.0 | 280232.0 | 0.953076 | Y |
| 7 | STD200 460-802292/9 | 400.0 | 413.663069 | 250.0 | 310794.0 | 1.034158 | Y |
| 8 | STD500 460-802292/10 | 1000.0 | 1044.899027 | 250.0 | 391690.0 | 1.044899 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

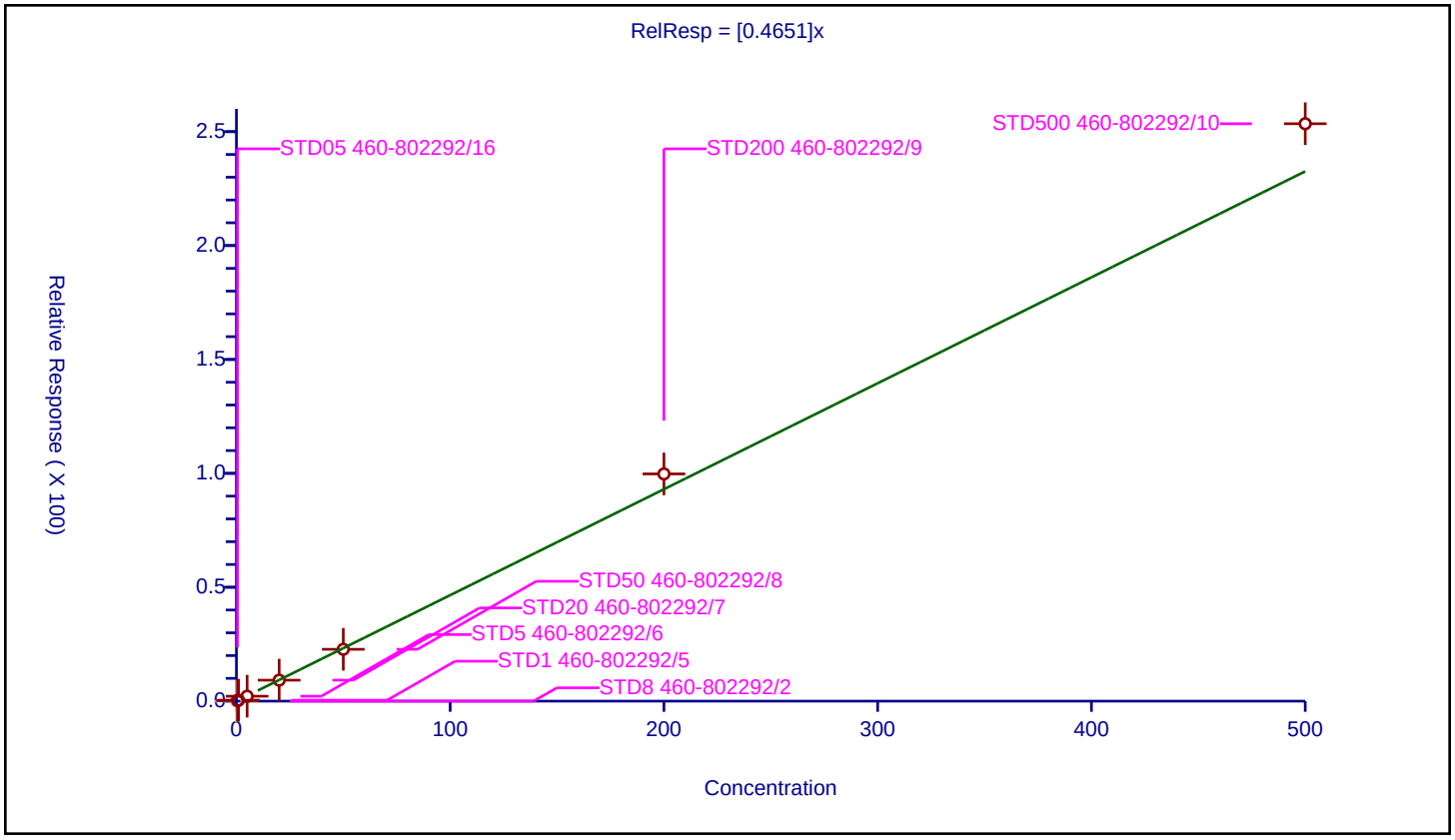
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4651 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1390000 |
| **Relative Standard Error:** | 7.2 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.242491 | 50.0 | 435068.0 | 0.484982 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.416064 | 50.0 | 431785.0 | 0.416064 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.169885 | 50.0 | 456015.0 | 0.433977 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 9.202386 | 50.0 | 484771.0 | 0.460119 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 22.755166 | 50.0 | 515929.0 | 0.455103 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 99.752703 | 50.0 | 549946.0 | 0.498764 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 253.48214 | 50.0 | 633102.0 | 0.506964 | Y |



## Calibration / Tert-butyl ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

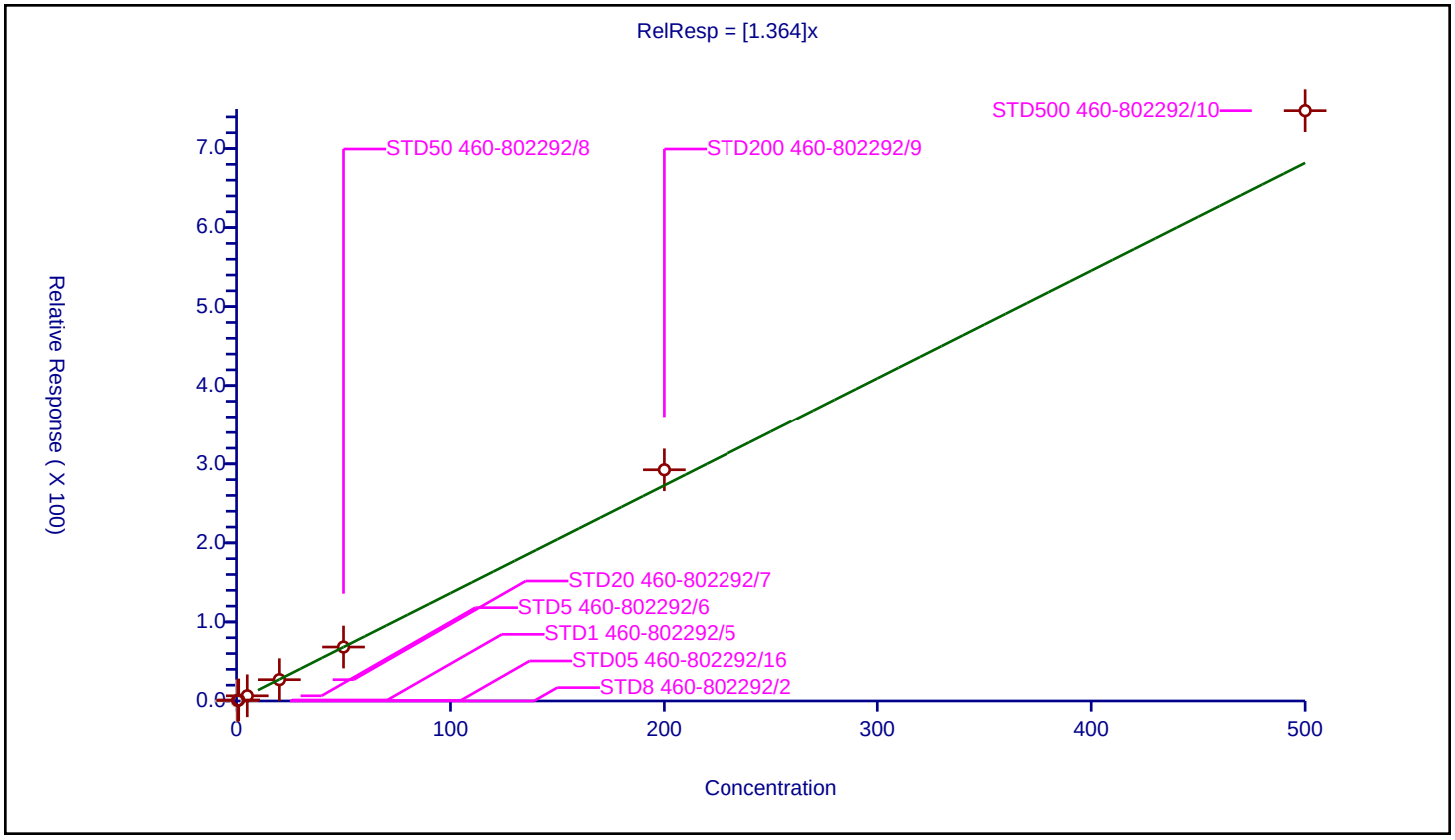
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.364 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4090000 |
| **Relative Standard Error:** | 6.4 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.656334 | 50.0 | 435068.0 | 1.312668 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.250391 | 50.0 | 431785.0 | 1.250391 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 6.563819 | 50.0 | 456015.0 | 1.312764 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 26.940762 | 50.0 | 484771.0 | 1.347038 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 68.25067 | 50.0 | 515929.0 | 1.365013 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 292.465715 | 50.0 | 549946.0 | 1.462329 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 747.907683 | 50.0 | 633102.0 | 1.495815 | Y |



## Calibration / 2,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

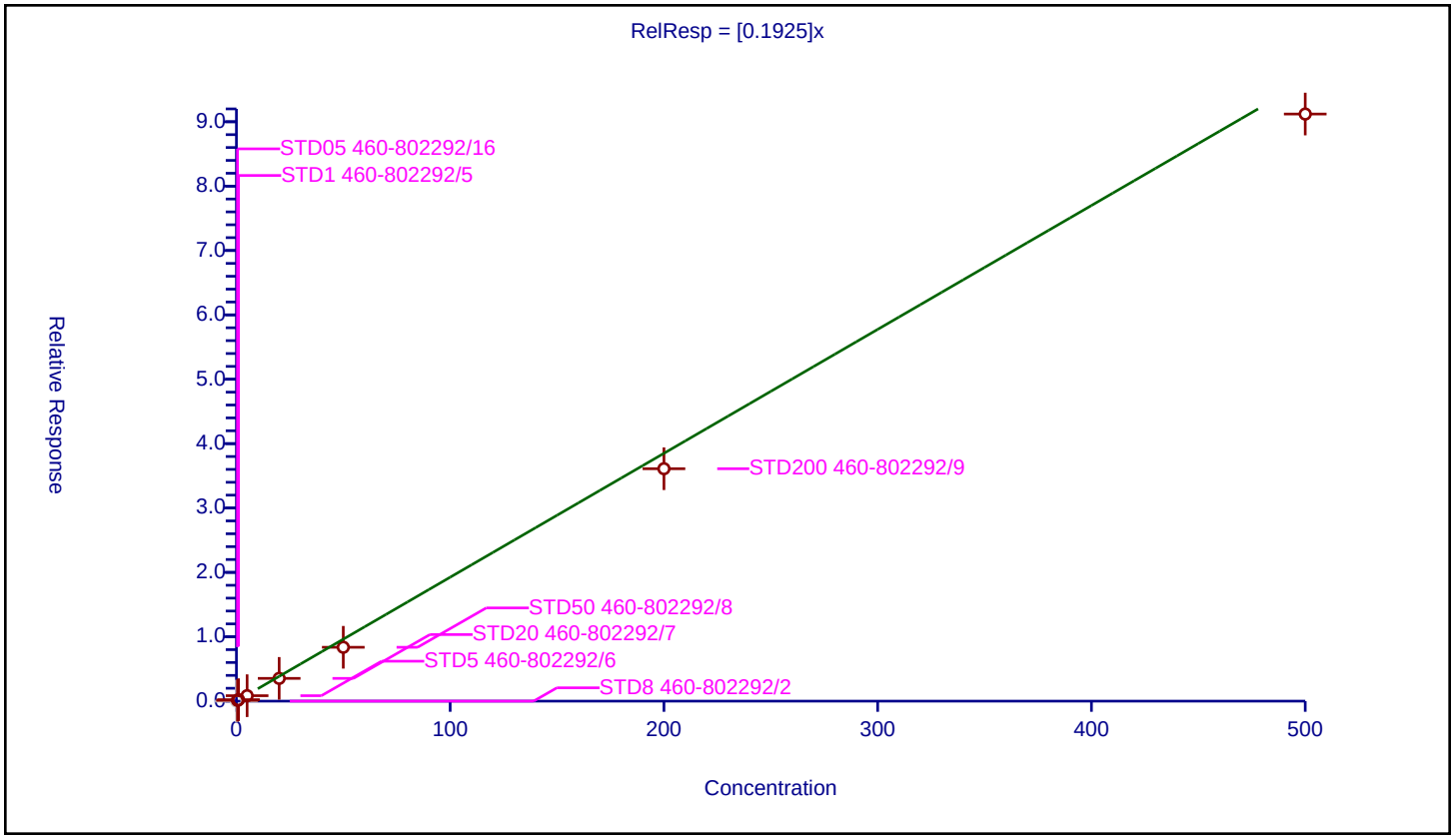
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1925 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 500000 |
| **Relative Standard Error:** | 16.1 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.961 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.124693 | 50.0 | 435068.0 | 0.249386 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.222101 | 50.0 | 431785.0 | 0.222101 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 0.844819 | 50.0 | 456015.0 | 0.168964 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 3.533937 | 50.0 | 484771.0 | 0.176697 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 8.367624 | 50.0 | 515929.0 | 0.167352 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 36.103817 | 50.0 | 549946.0 | 0.180519 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 91.200707 | 50.0 | 633102.0 | 0.182401 | Y |



## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

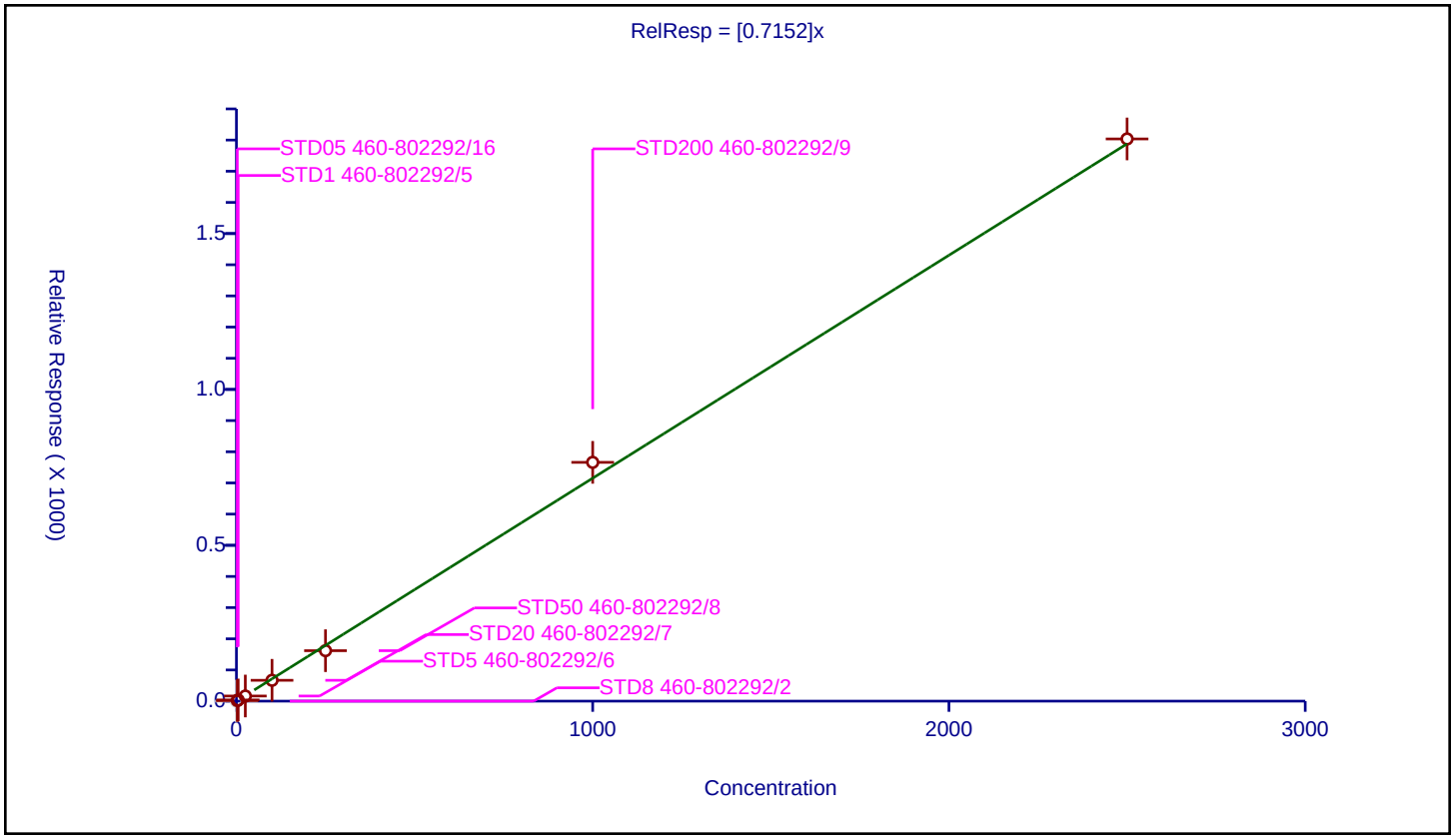
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7152 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1220000 |
| **Relative Standard Error:** | 8.0 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 250.0 | 225877.0 | NaN | N |
| 2 | STD05 460-802292/16 | 2.5 | 1.954045 | 250.0 | 208158.0 | 0.781618 | Y |
| 3 | STD1 460-802292/5 | 5.0 | 3.82515 | 250.0 | 197770.0 | 0.76503 | Y |
| 4 | STD5 460-802292/6 | 25.0 | 16.415965 | 250.0 | 238198.0 | 0.656639 | Y |
| 5 | STD20 460-802292/7 | 100.0 | 66.822243 | 250.0 | 244361.0 | 0.668222 | Y |
| 6 | STD50 460-802292/8 | 250.0 | 161.885509 | 250.0 | 280232.0 | 0.647542 | Y |
| 7 | STD200 460-802292/9 | 1000.0 | 766.07013 | 250.0 | 310794.0 | 0.76607 | Y |
| 8 | STD500 460-802292/10 | 2500.0 | 1803.599147 | 250.0 | 391690.0 | 0.72144 | Y |



## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

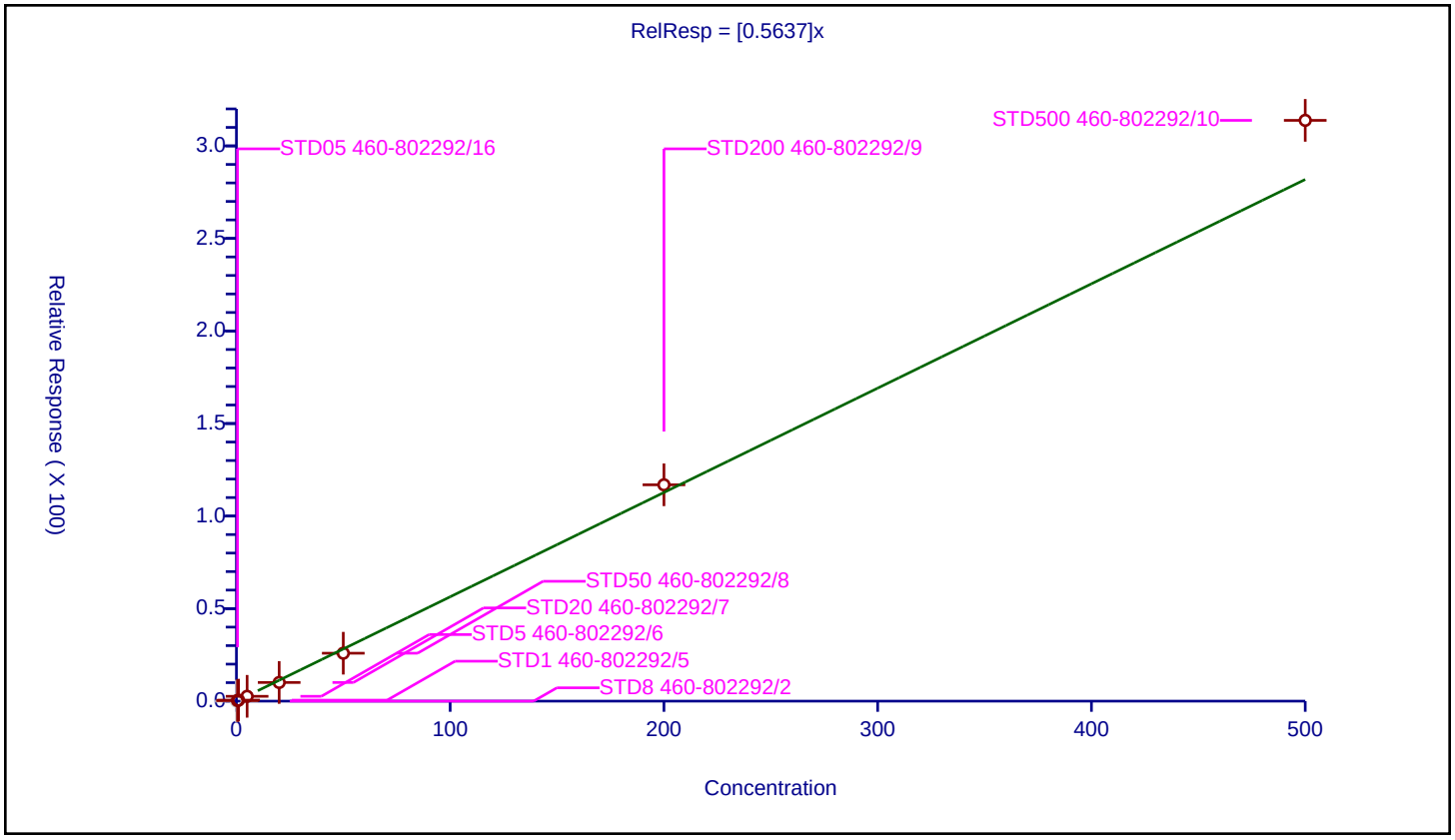
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5637 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1710000 |
| **Relative Standard Error:** | 9.8 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.321559 | 50.0 | 435068.0 | 0.643118 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.545989 | 50.0 | 431785.0 | 0.545989 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.614497 | 50.0 | 456015.0 | 0.522899 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 10.081667 | 50.0 | 484771.0 | 0.504083 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 25.898525 | 50.0 | 515929.0 | 0.51797 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 116.89384 | 50.0 | 549946.0 | 0.584469 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 313.796118 | 50.0 | 633102.0 | 0.627592 | Y |



## Calibration / Ethyl acetate

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

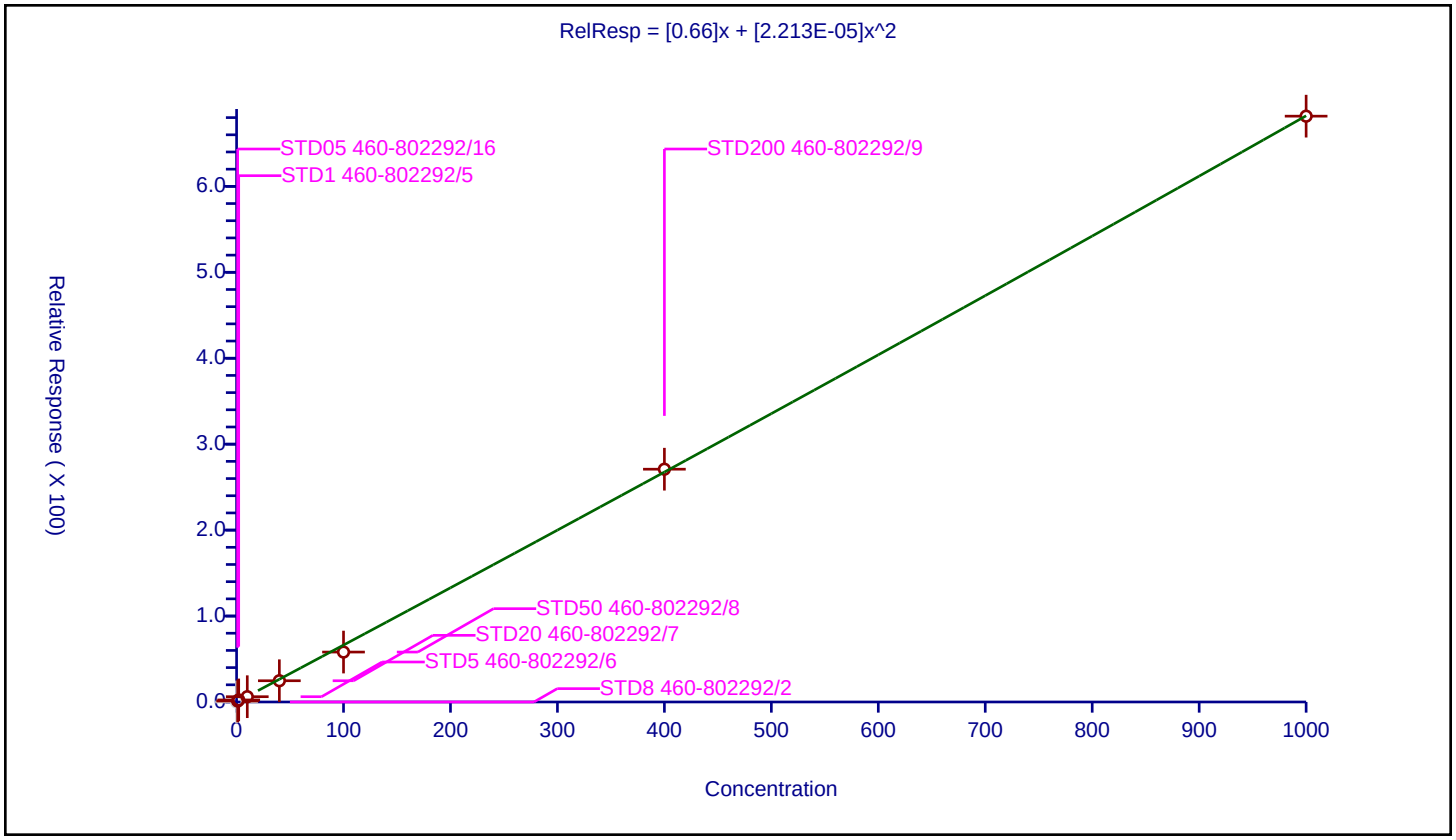
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.66 |
| **Second Order:** | 2.213E-05 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 501000 |
| **Relative Standard Error:** | 48.4 |
| **Correlation Coefficient:** | 0.994 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 250.0 | 225877.0 | NaN | N |
| 2 | STD05 460-802292/16 | 1.0 | 1.127749 | 250.0 | 208158.0 | 1.127749 | Y |
| 3 | STD1 460-802292/5 | 2.0 | 2.38029 | 250.0 | 197770.0 | 1.190145 | Y |
| 4 | STD5 460-802292/6 | 10.0 | 6.169237 | 250.0 | 238198.0 | 0.616924 | Y |
| 5 | STD20 460-802292/7 | 40.0 | 24.727759 | 250.0 | 244361.0 | 0.618194 | Y |
| 6 | STD50 460-802292/8 | 100.0 | 58.097398 | 250.0 | 280232.0 | 0.580974 | Y |
| 7 | STD200 460-802292/9 | 400.0 | 270.865911 | 250.0 | 310794.0 | 0.677165 | Y |
| 8 | STD500 460-802292/10 | 1000.0 | 681.679389 | 250.0 | 391690.0 | 0.681679 | Y |



## Calibration / Methyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

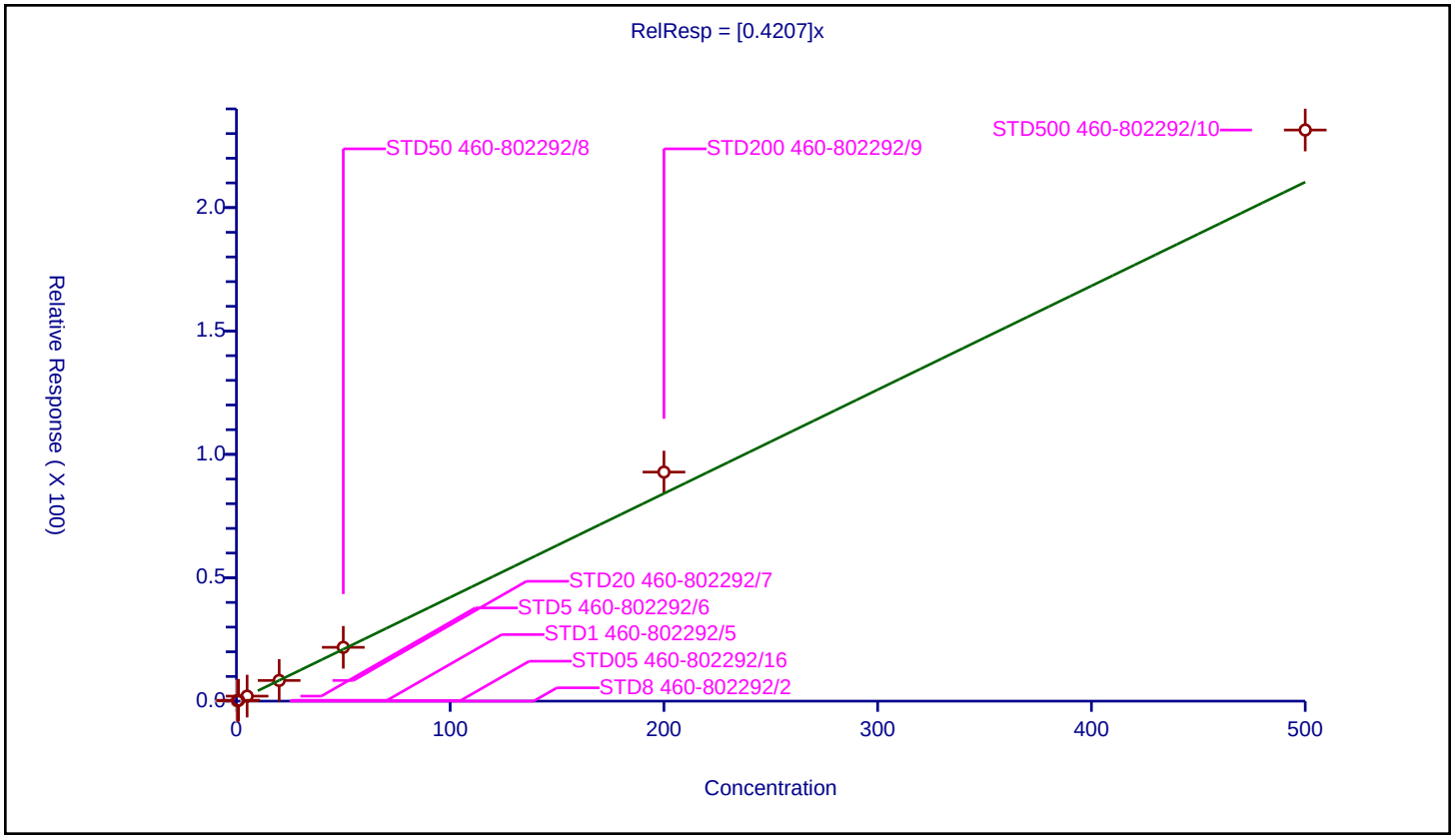
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4207 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1270000 |
| **Relative Standard Error:** | 9.3 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.201808 | 50.0 | 435068.0 | 0.403615 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.351795 | 50.0 | 431785.0 | 0.351795 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.035898 | 50.0 | 456015.0 | 0.40718 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 8.382721 | 50.0 | 484771.0 | 0.419136 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 21.803097 | 50.0 | 515929.0 | 0.436062 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 92.826205 | 50.0 | 549946.0 | 0.464131 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 231.441063 | 50.0 | 633102.0 | 0.462882 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

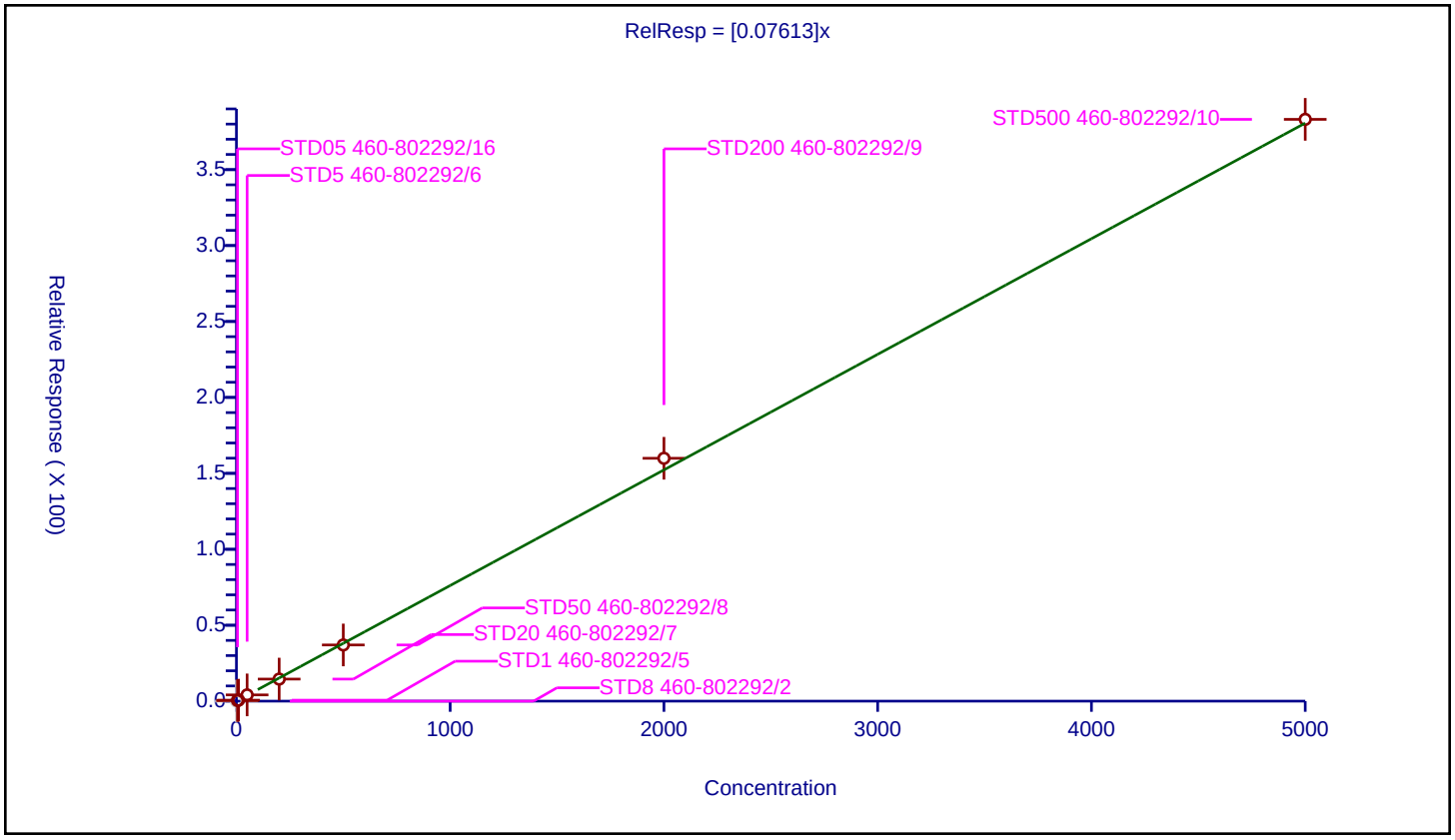
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07613 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2110000 |
| **Relative Standard Error:** | 9.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 5.0 | 0.41821 | 50.0 | 435068.0 | 0.083642 | Y |
| 3 | STD1 460-802292/5 | 10.0 | 0.637123 | 50.0 | 431785.0 | 0.063712 | Y |
| 4 | STD5 460-802292/6 | 50.0 | 4.117408 | 50.0 | 456015.0 | 0.082348 | Y |
| 5 | STD20 460-802292/7 | 200.0 | 14.523043 | 50.0 | 484771.0 | 0.072615 | Y |
| 6 | STD50 460-802292/8 | 500.0 | 36.996176 | 50.0 | 515929.0 | 0.073992 | Y |
| 7 | STD200 460-802292/9 | 2000.0 | 159.930702 | 50.0 | 549946.0 | 0.079965 | Y |
| 8 | STD500 460-802292/10 | 5000.0 | 383.10138 | 50.0 | 633102.0 | 0.07662 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

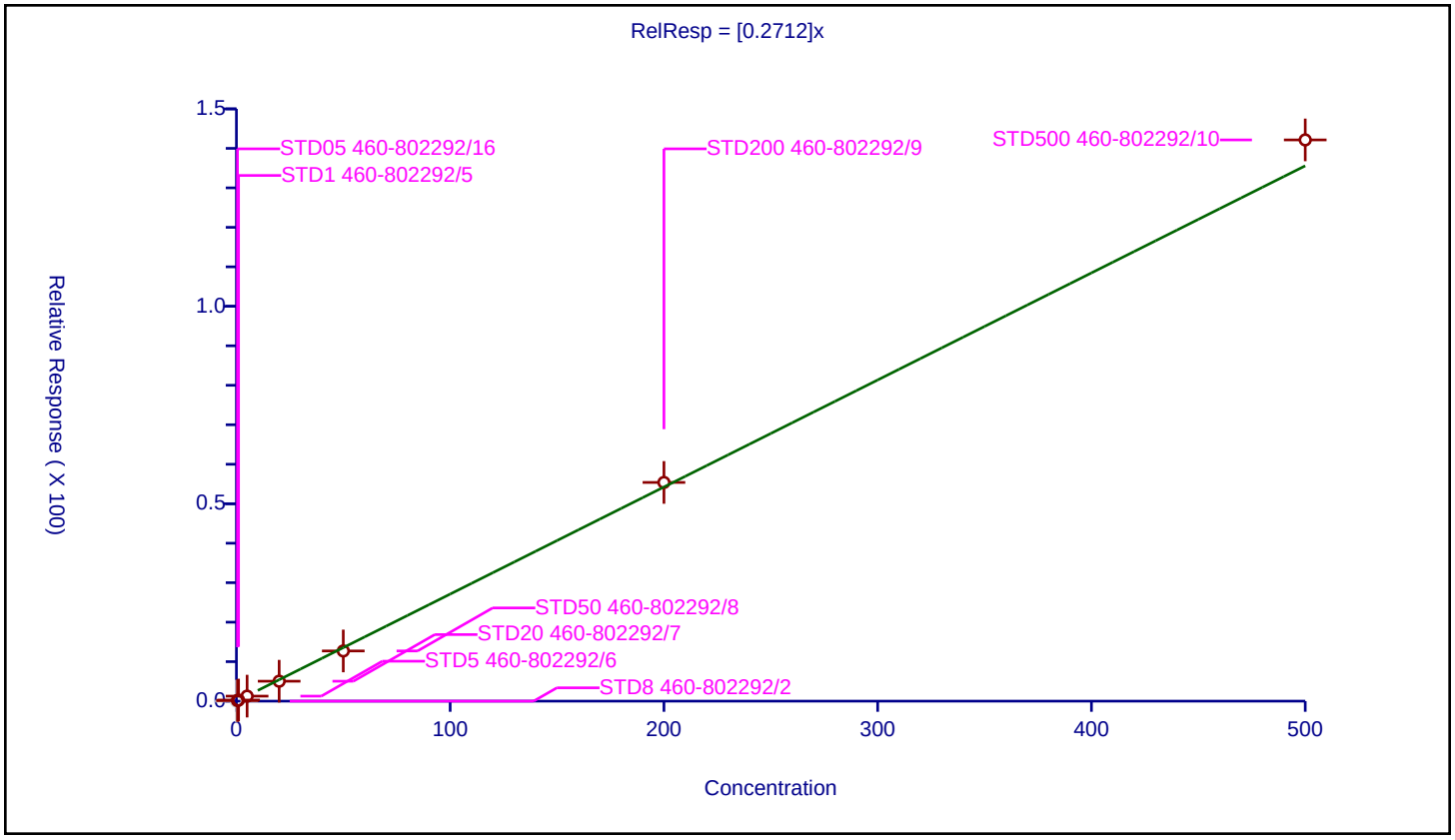
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2712 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 778000 |
| **Relative Standard Error:** | 6.9 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.151126 | 50.0 | 435068.0 | 0.302252 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.273747 | 50.0 | 431785.0 | 0.273747 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.27123 | 50.0 | 456015.0 | 0.254246 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 5.047125 | 50.0 | 484771.0 | 0.252356 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 12.710858 | 50.0 | 515929.0 | 0.254217 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 55.391438 | 50.0 | 549946.0 | 0.276957 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 142.139734 | 50.0 | 633102.0 | 0.284279 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

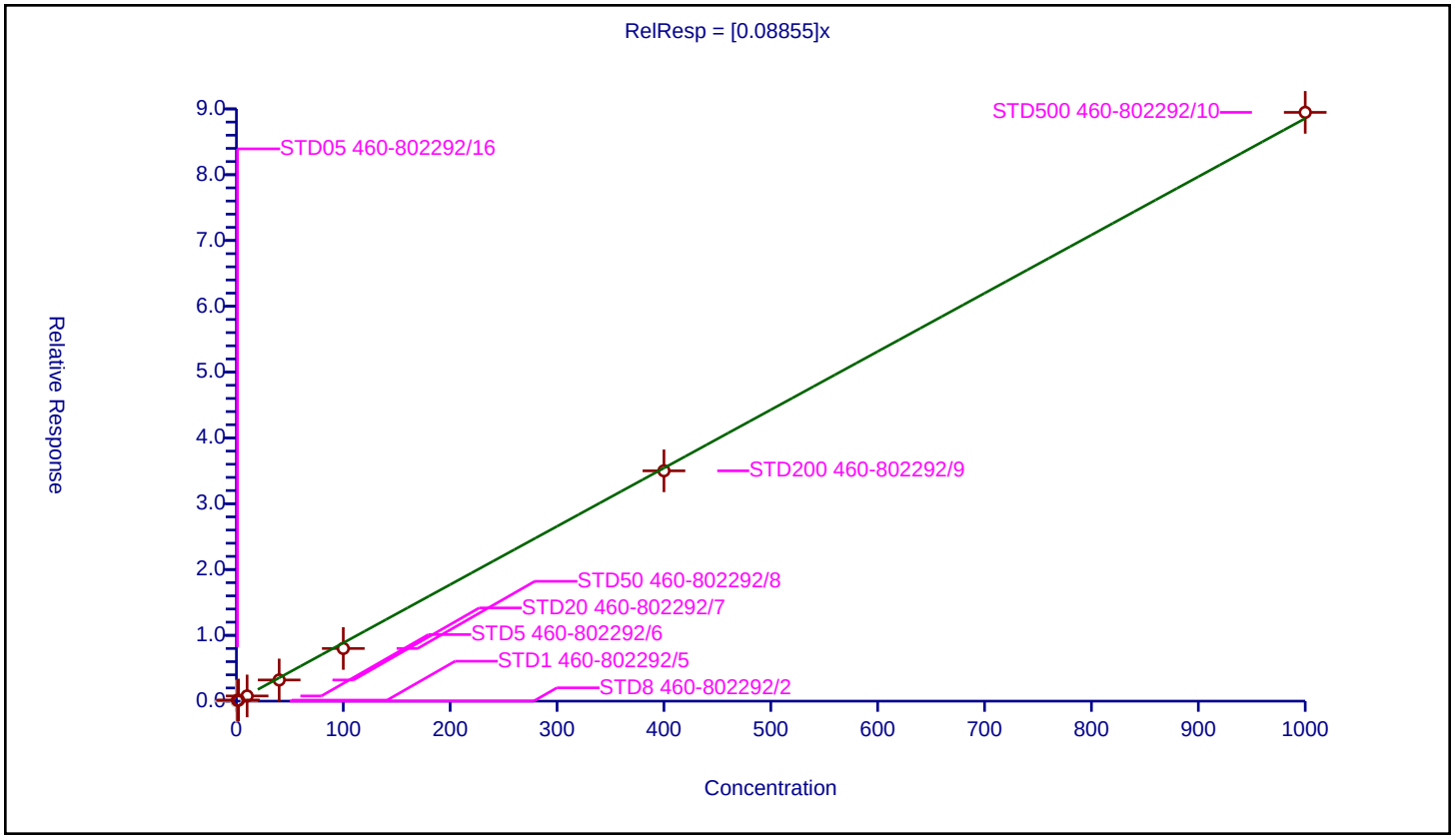
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08855 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 490000 |
| **Relative Standard Error:** | 19.2 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.946 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 1.0 | 0.125842 | 50.0 | 435068.0 | 0.125842 | Y |
| 3 | STD1 460-802292/5 | 2.0 | 0.155517 | 50.0 | 431785.0 | 0.077759 | Y |
| 4 | STD5 460-802292/6 | 10.0 | 0.788351 | 50.0 | 456015.0 | 0.078835 | Y |
| 5 | STD20 460-802292/7 | 40.0 | 3.21657 | 50.0 | 484771.0 | 0.080414 | Y |
| 6 | STD50 460-802292/8 | 100.0 | 8.003718 | 50.0 | 515929.0 | 0.080037 | Y |
| 7 | STD200 460-802292/9 | 400.0 | 35.000164 | 50.0 | 549946.0 | 0.0875 | Y |
| 8 | STD500 460-802292/10 | 1000.0 | 89.472707 | 50.0 | 633102.0 | 0.089473 | Y |



## Calibration / Methacrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

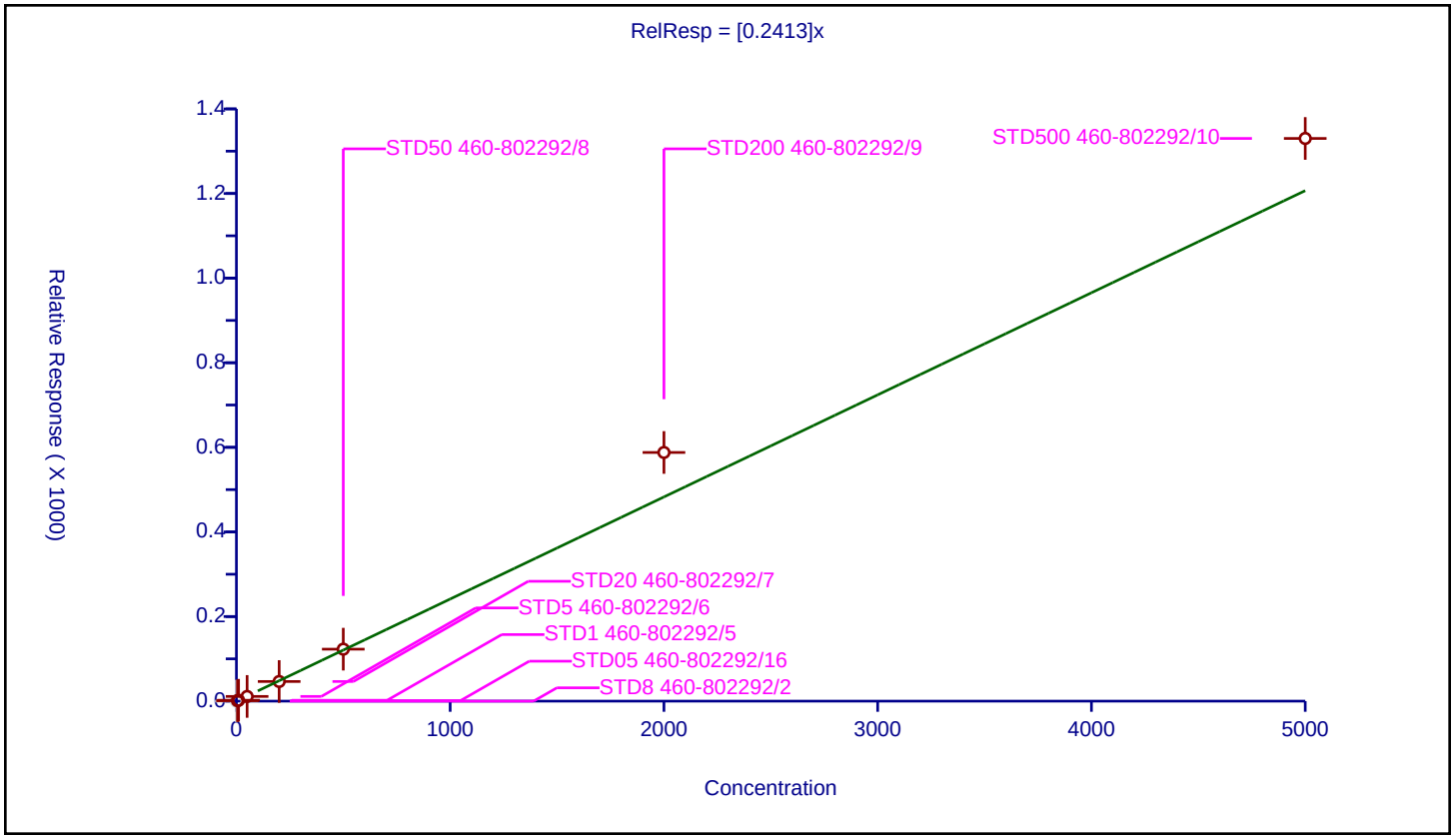
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2413 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 7380000 |
| **Relative Standard Error:** | 12.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 5.0 | 1.122698 | 50.0 | 435068.0 | 0.22454 | Y |
| 3 | STD1 460-802292/5 | 10.0 | 2.045578 | 50.0 | 431785.0 | 0.204558 | Y |
| 4 | STD5 460-802292/6 | 50.0 | 11.120906 | 50.0 | 456015.0 | 0.222418 | Y |
| 5 | STD20 460-802292/7 | 200.0 | 46.440897 | 50.0 | 484771.0 | 0.232204 | Y |
| 6 | STD50 460-802292/8 | 500.0 | 122.871073 | 50.0 | 515929.0 | 0.245742 | Y |
| 7 | STD200 460-802292/9 | 2000.0 | 587.809076 | 50.0 | 549946.0 | 0.293905 | Y |
| 8 | STD500 460-802292/10 | 5000.0 | 1330.101232 | 50.0 | 633102.0 | 0.26602 | Y |



## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

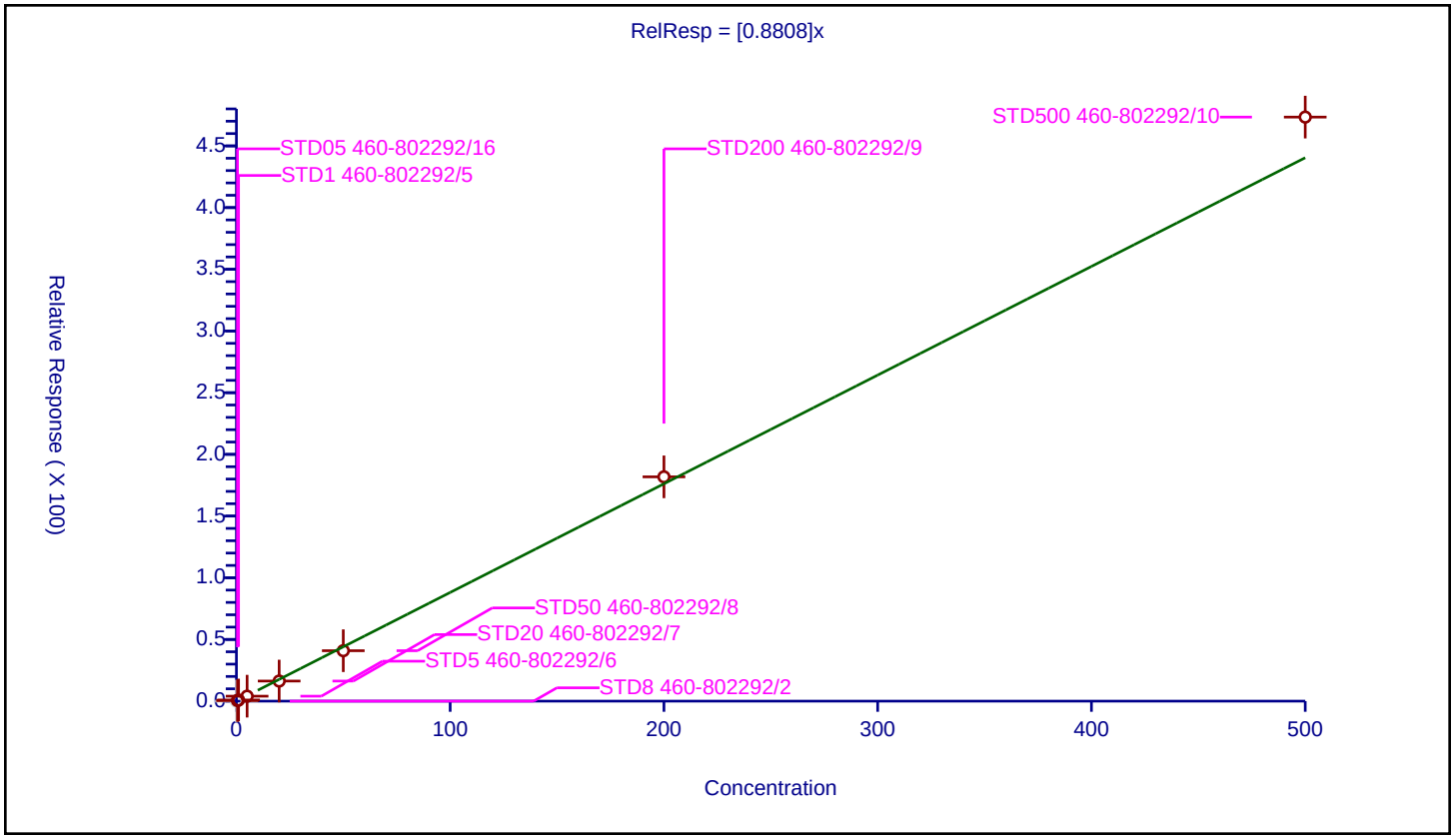
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8808 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2590000 |
| **Relative Standard Error:** | 7.5 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.480615 | 50.0 | 435068.0 | 0.961229 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.910638 | 50.0 | 431785.0 | 0.910638 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 4.031117 | 50.0 | 456015.0 | 0.806223 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 16.294395 | 50.0 | 484771.0 | 0.81472 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 40.864247 | 50.0 | 515929.0 | 0.817285 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 181.789485 | 50.0 | 549946.0 | 0.908947 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 473.34529 | 50.0 | 633102.0 | 0.946691 | Y |



## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

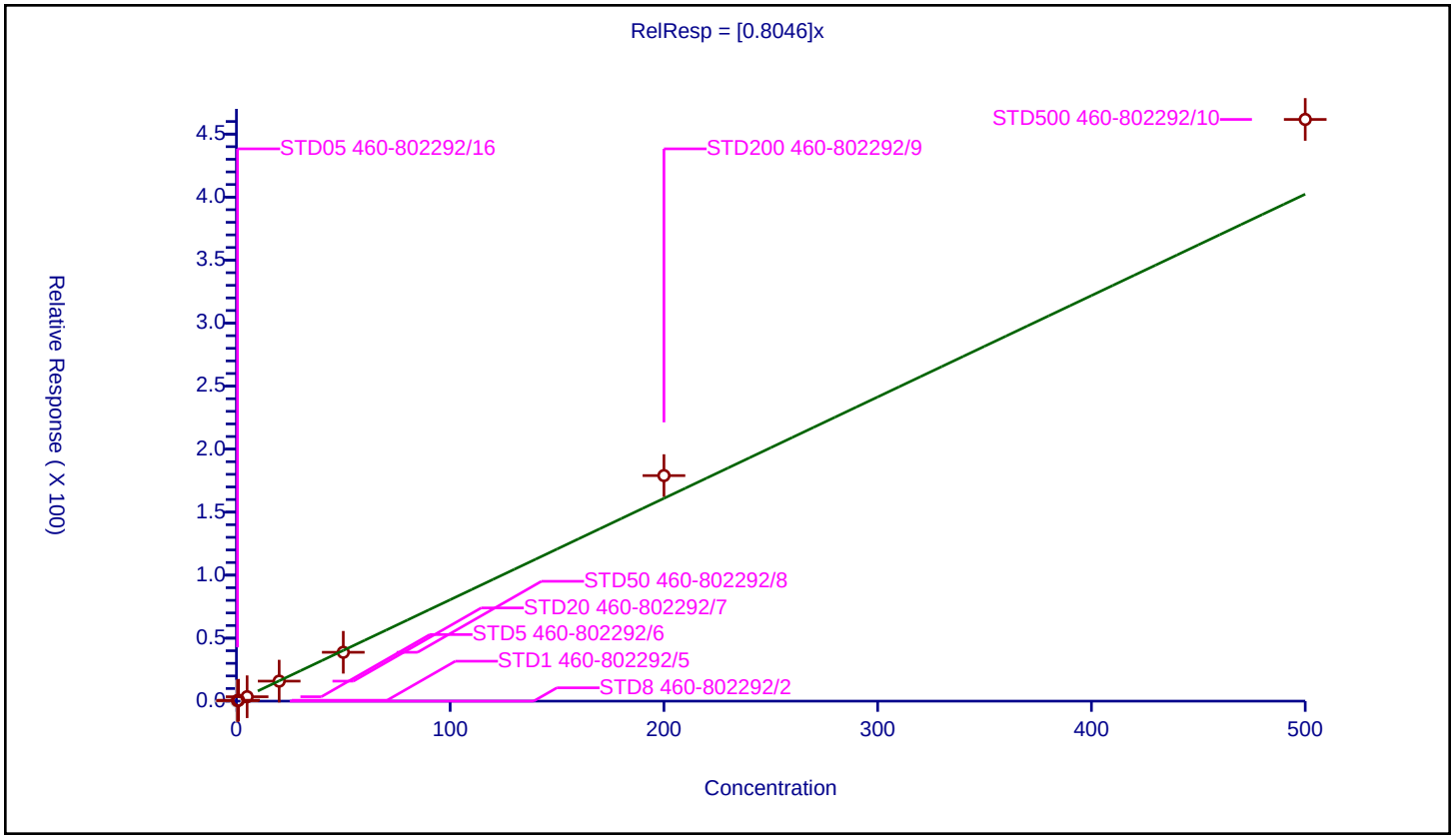
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8046 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2520000 |
| **Relative Standard Error:** | 10.7 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.419015 | 50.0 | 435068.0 | 0.83803 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.705791 | 50.0 | 431785.0 | 0.705791 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.506244 | 50.0 | 456015.0 | 0.701249 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 15.877291 | 50.0 | 484771.0 | 0.793865 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 38.770354 | 50.0 | 515929.0 | 0.775407 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 178.989664 | 50.0 | 549946.0 | 0.894948 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 461.624035 | 50.0 | 633102.0 | 0.923248 | Y |



## Calibration / 1,1,1-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

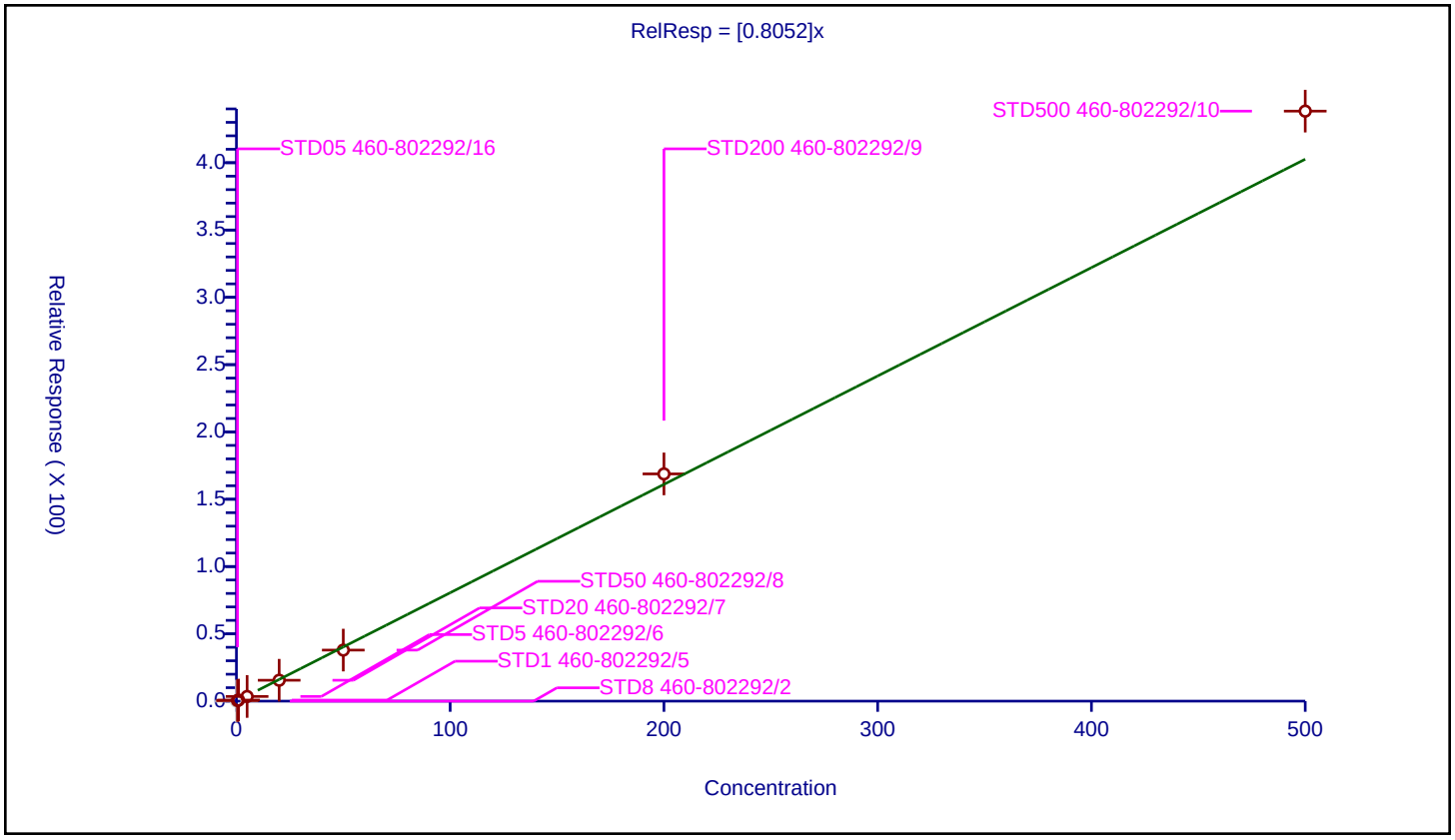
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8052 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2400000 |
| **Relative Standard Error:** | 9.2 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.454067 | 50.0 | 435068.0 | 0.908134 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.778628 | 50.0 | 431785.0 | 0.778628 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.472912 | 50.0 | 456015.0 | 0.694582 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 15.518564 | 50.0 | 484771.0 | 0.775928 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 37.931867 | 50.0 | 515929.0 | 0.758637 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 168.810301 | 50.0 | 549946.0 | 0.844052 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 438.34548 | 50.0 | 633102.0 | 0.876691 | Y |



## Calibration / Dibromofluoromethane (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

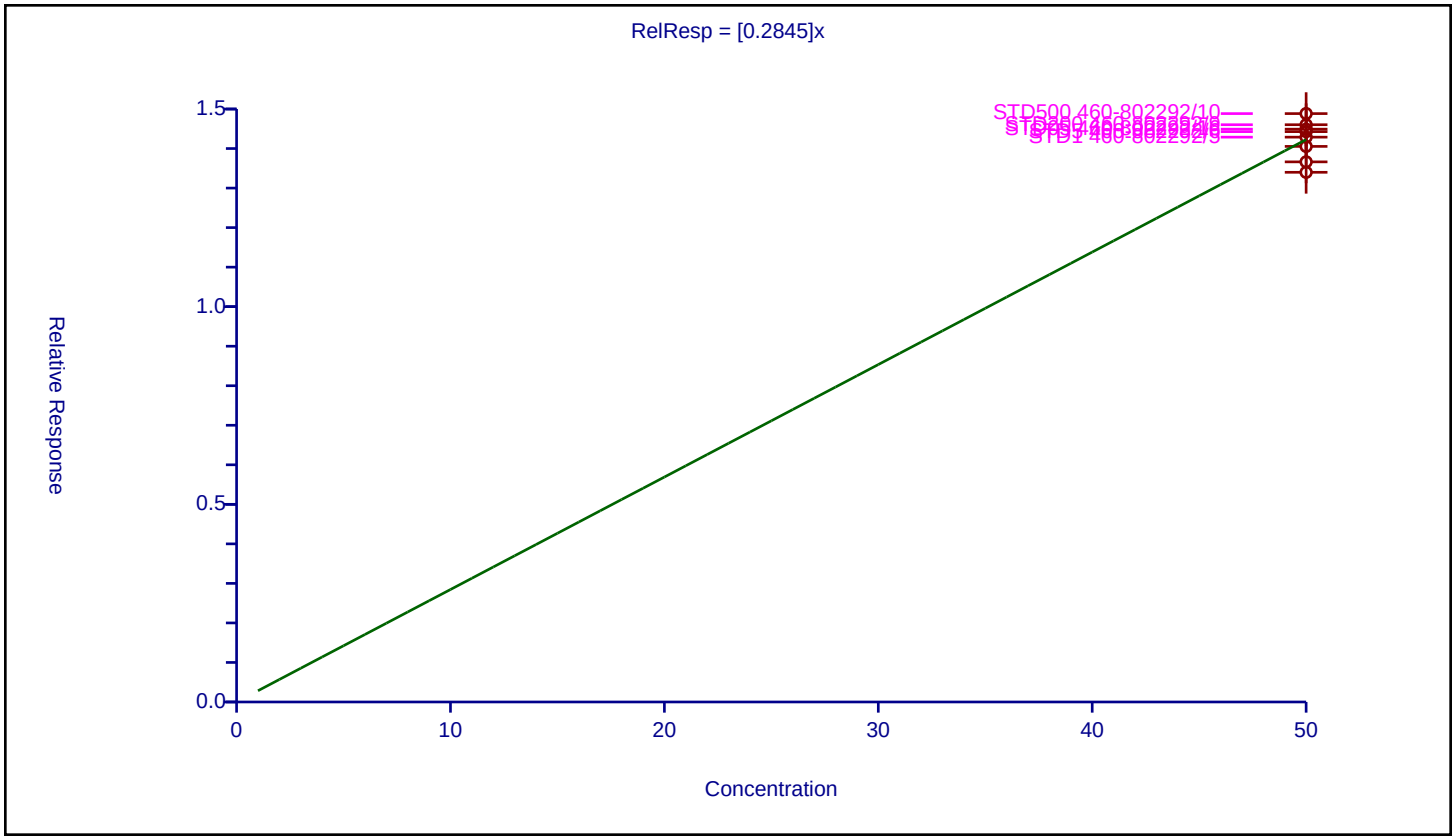
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2845 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 155000 |
| **Relative Standard Error:** | 3.5 |
| **Correlation Coefficient:** | 0 |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 50.0 | 13.398999 | 50.0 | 525543.0 | 0.26798 | Y |
| 2 | STD1 460-802292/5 | 50.0 | 14.288361 | 50.0 | 431785.0 | 0.285767 | Y |
| 3 | STD5 460-802292/6 | 50.0 | 14.427267 | 50.0 | 456015.0 | 0.288545 | Y |
| 4 | STD20 460-802292/7 | 50.0 | 13.662946 | 50.0 | 484771.0 | 0.273259 | Y |
| 5 | STD50 460-802292/8 | 50.0 | 14.054162 | 50.0 | 515929.0 | 0.281083 | Y |
| 6 | STD200 460-802292/9 | 50.0 | 14.602525 | 50.0 | 549946.0 | 0.29205 | Y |
| 7 | STD500 460-802292/10 | 50.0 | 14.883779 | 50.0 | 633102.0 | 0.297676 | Y |
| 8 | STD05 460-802292/16 | 50.0 | 14.490608 | 50.0 | 435068.0 | 0.289812 | Y |



## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

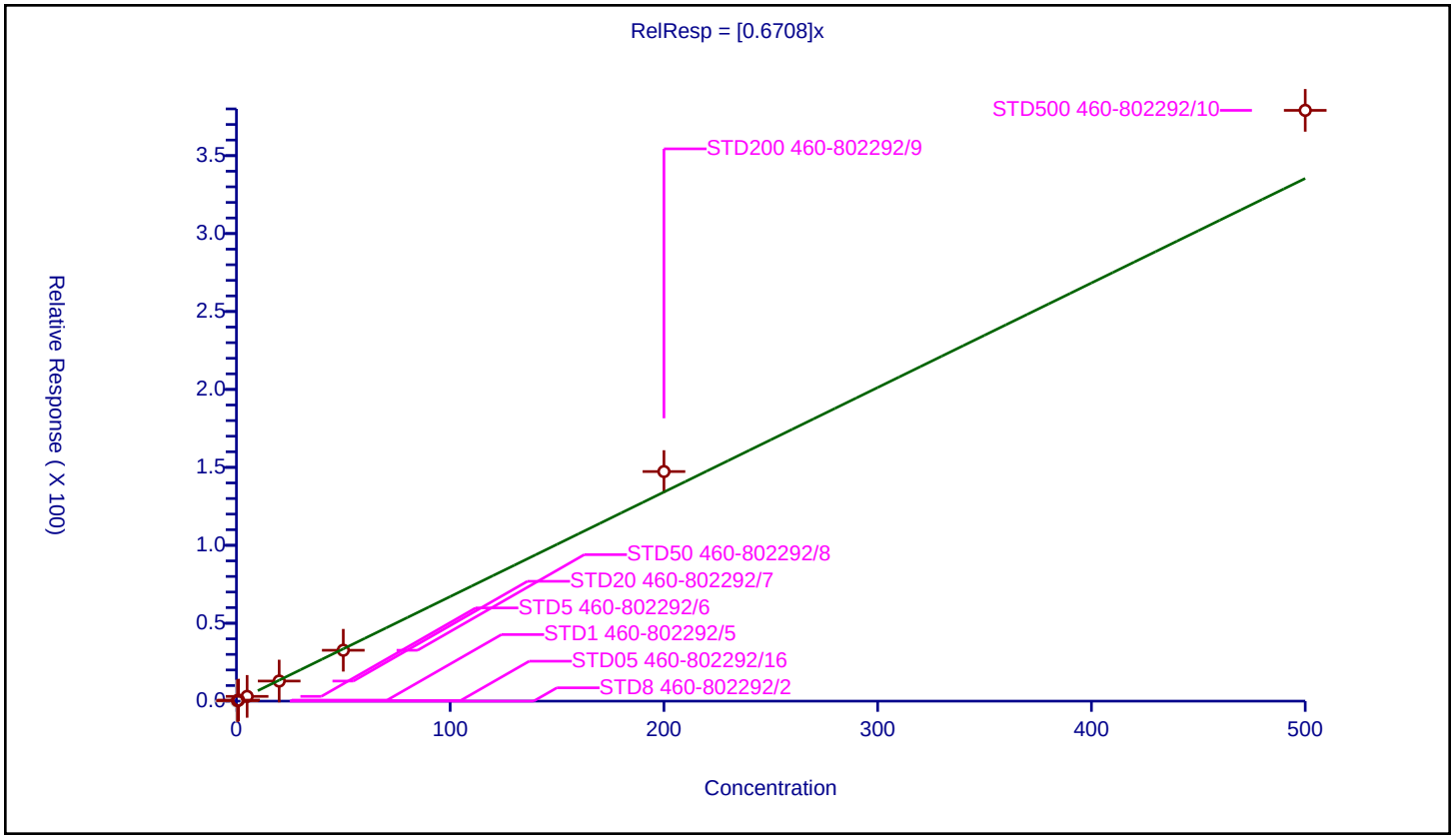
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6708 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2070000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.318341 | 50.0 | 435068.0 | 0.636682 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.656924 | 50.0 | 431785.0 | 0.656924 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.048145 | 50.0 | 456015.0 | 0.609629 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 12.886909 | 50.0 | 484771.0 | 0.644345 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 32.652846 | 50.0 | 515929.0 | 0.653057 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 147.308099 | 50.0 | 549946.0 | 0.73654 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 379.061352 | 50.0 | 633102.0 | 0.758123 | Y |



## Calibration / 1,1-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

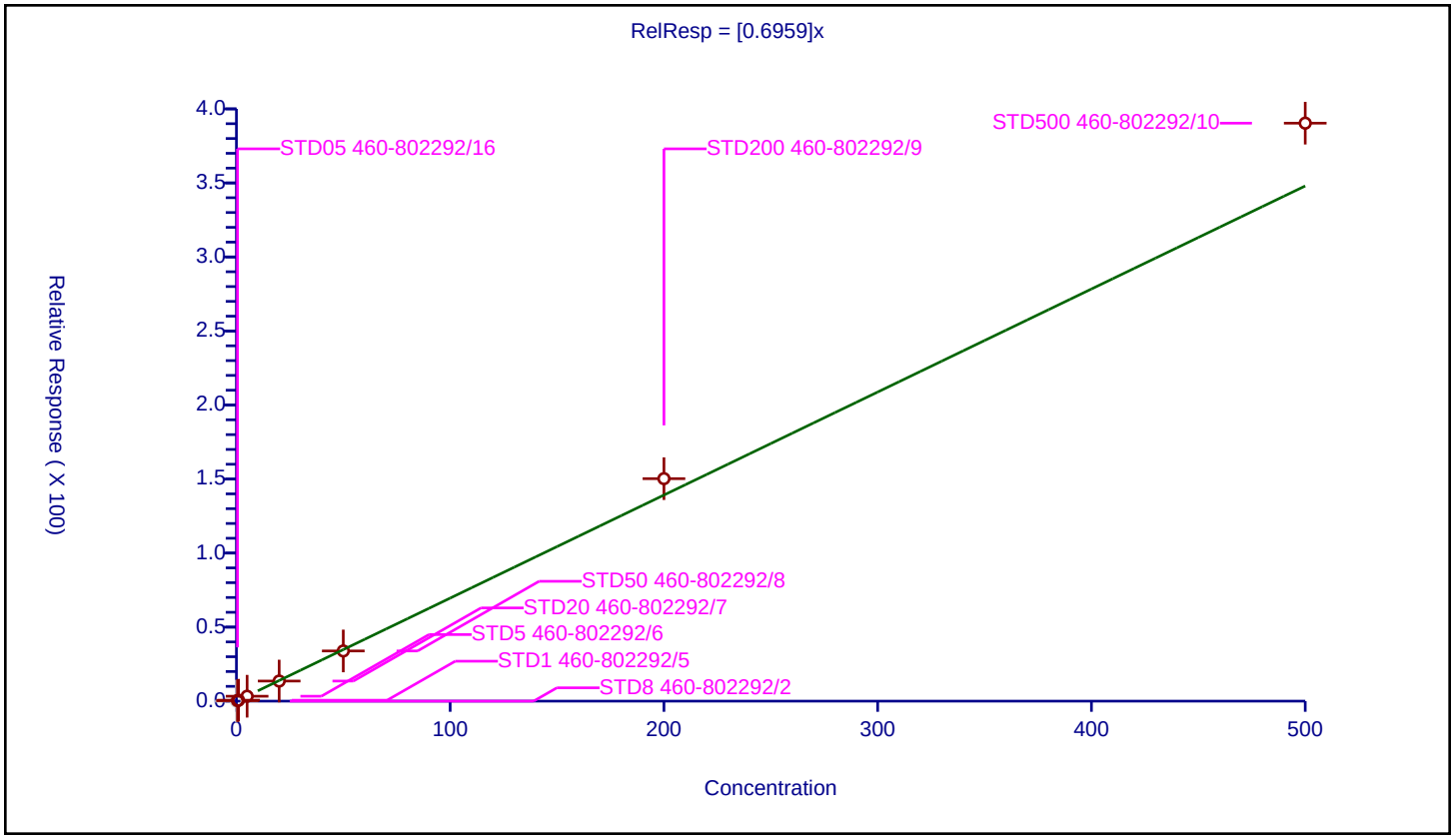
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6959 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2130000 |
| **Relative Standard Error:** | 8.0 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.352129 | 50.0 | 435068.0 | 0.704258 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.615816 | 50.0 | 431785.0 | 0.615816 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.311843 | 50.0 | 456015.0 | 0.662369 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 13.576823 | 50.0 | 484771.0 | 0.678841 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 33.897009 | 50.0 | 515929.0 | 0.67794 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 150.272663 | 50.0 | 549946.0 | 0.751363 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 390.351555 | 50.0 | 633102.0 | 0.780703 | Y |



## Calibration / Isobutyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

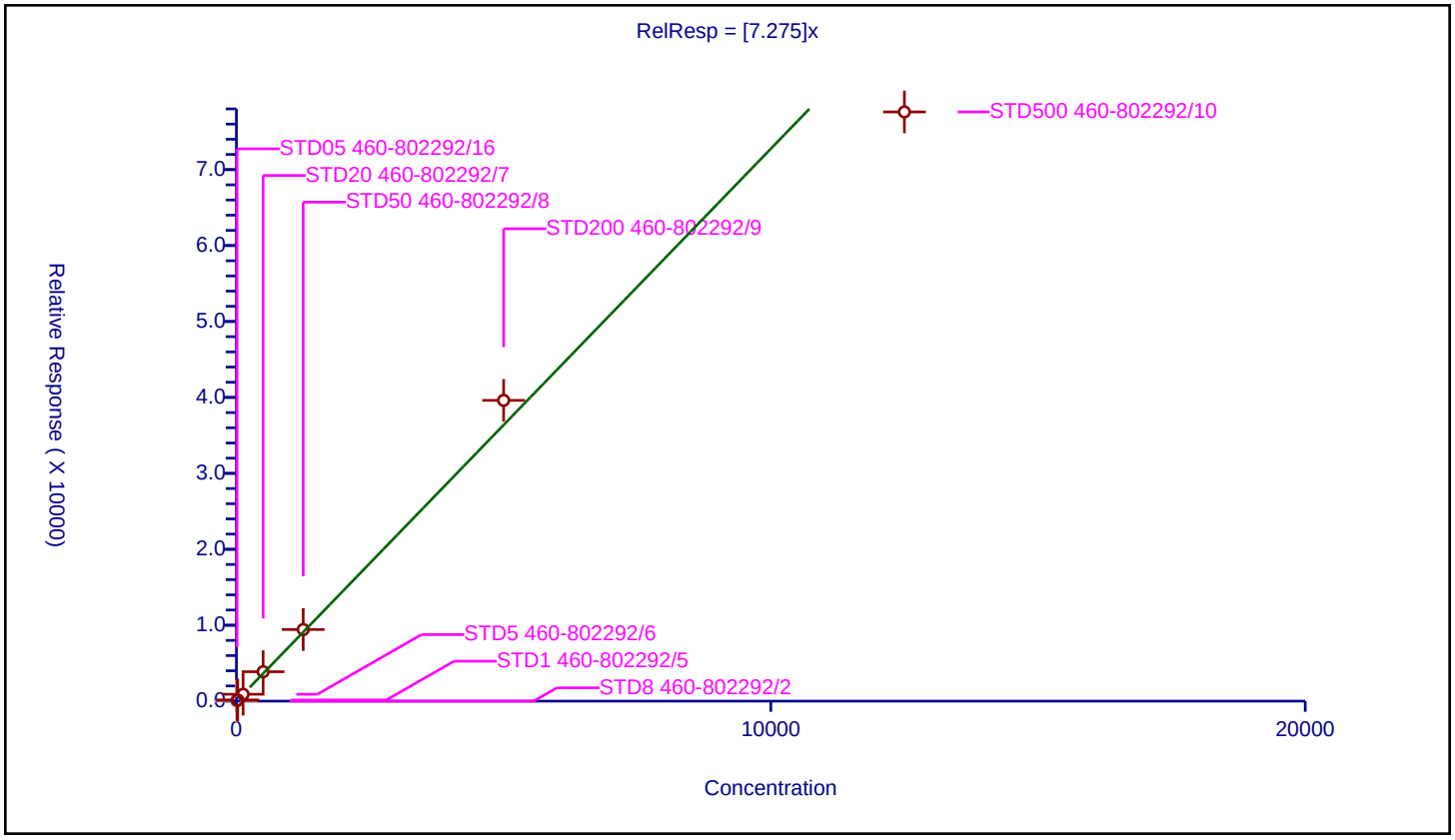
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 7.275 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1980000 |
| **Relative Standard Error:** | 12.2 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.981 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 1000.0 | 32981.0 | NaN | N |
| 2 | STD05 460-802292/16 | 12.5 | 103.994511 | 1000.0 | 33521.0 | 8.319561 | Y |
| 3 | STD1 460-802292/5 | 25.0 | 148.247543 | 1000.0 | 30928.0 | 5.929902 | Y |
| 4 | STD5 460-802292/6 | 125.0 | 906.780107 | 1000.0 | 37964.0 | 7.254241 | Y |
| 5 | STD20 460-802292/7 | 500.0 | 3873.437709 | 1000.0 | 37365.0 | 7.746875 | Y |
| 6 | STD50 460-802292/8 | 1250.0 | 9429.767531 | 1000.0 | 41683.0 | 7.543814 | Y |
| 7 | STD200 460-802292/9 | 5000.0 | 39615.240145 | 1000.0 | 51115.0 | 7.923048 | Y |
| 8 | STD500 460-802292/10 | 12500.0 | 77598.602337 | 1000.0 | 58097.0 | 6.207888 | Y |



## Calibration / Isooctane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

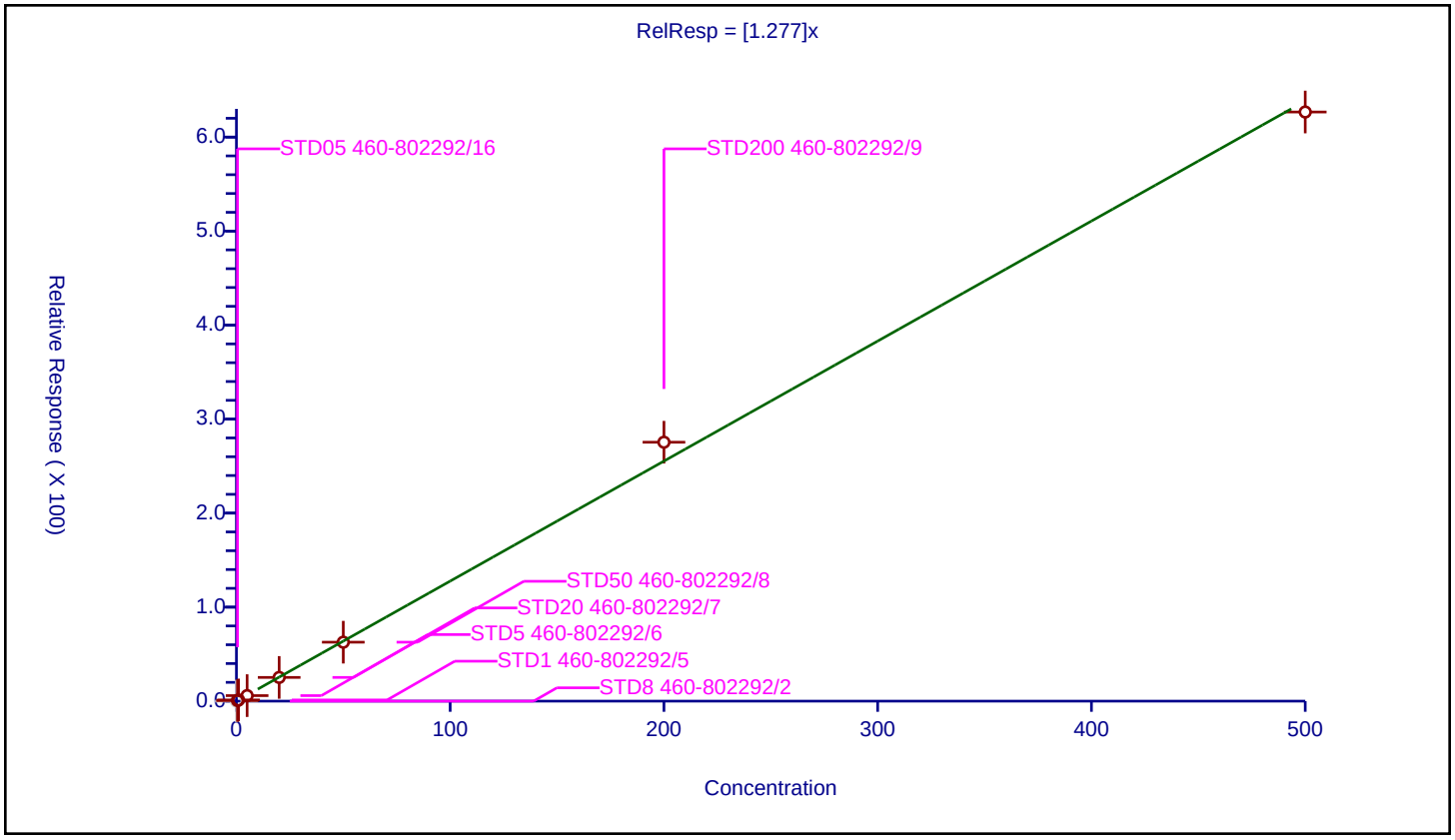
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.277 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3480000 |
| **Relative Standard Error:** | 5.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.67863 | 50.0 | 435068.0 | 1.357259 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.255718 | 50.0 | 431785.0 | 1.255718 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 5.891144 | 50.0 | 456015.0 | 1.178229 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 25.223869 | 50.0 | 484771.0 | 1.261193 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 62.69855 | 50.0 | 515929.0 | 1.253971 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 275.437497 | 50.0 | 549946.0 | 1.377187 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 626.691039 | 50.0 | 633102.0 | 1.253382 | Y |



## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

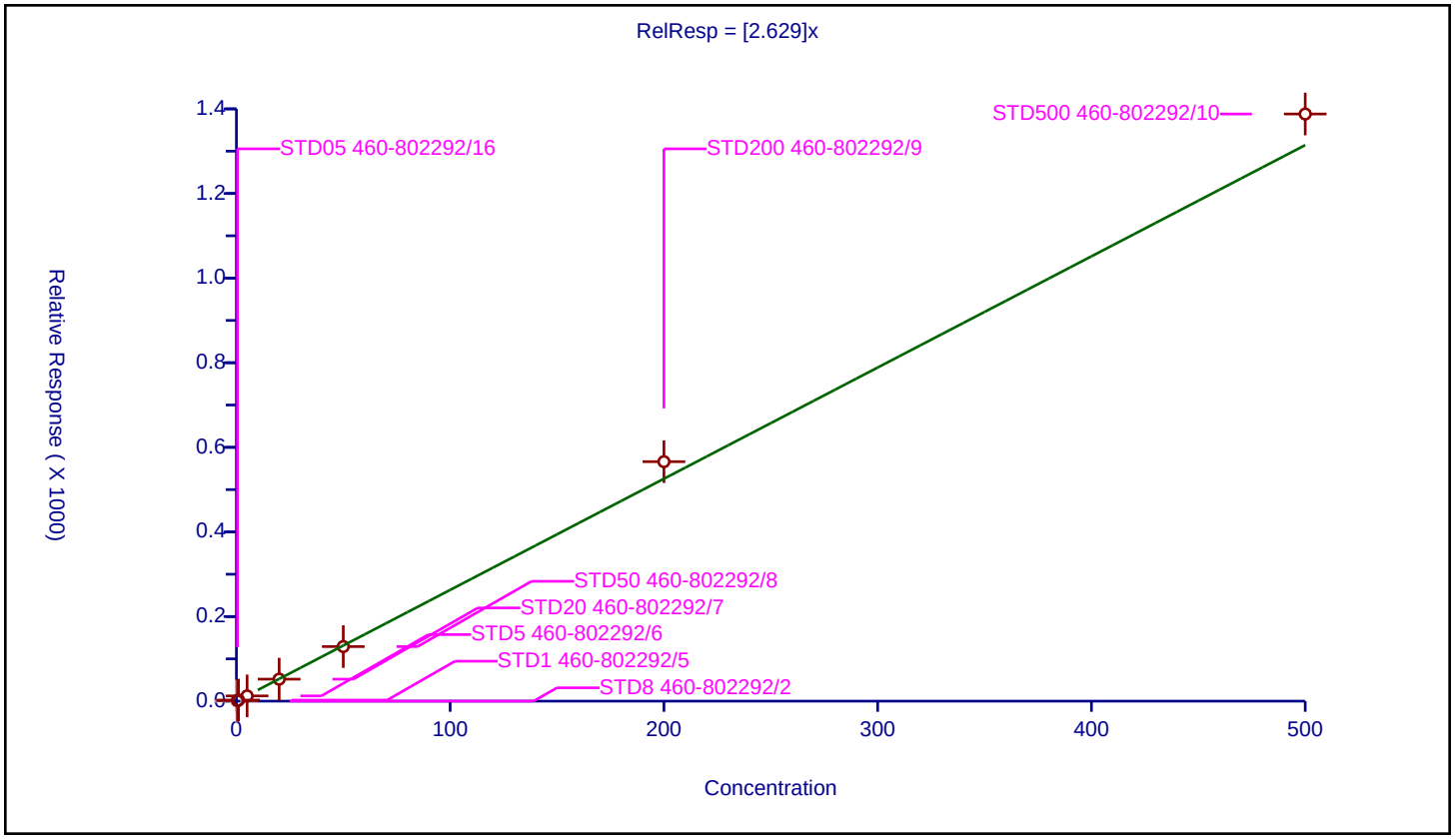
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.629 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5710000 |
| **Relative Standard Error:** | 5.0 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.317051 | 50.0 | 328499.0 | 2.634102 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 2.508366 | 50.0 | 311099.0 | 2.508366 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 12.370313 | 50.0 | 331665.0 | 2.474063 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 51.96569 | 50.0 | 353718.0 | 2.598285 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 128.987579 | 50.0 | 383378.0 | 2.579752 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 566.097653 | 50.0 | 418033.0 | 2.830488 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1387.934838 | 50.0 | 472360.0 | 2.77587 | Y |



## Calibration / 1,2-Dichloroethane-d4 (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

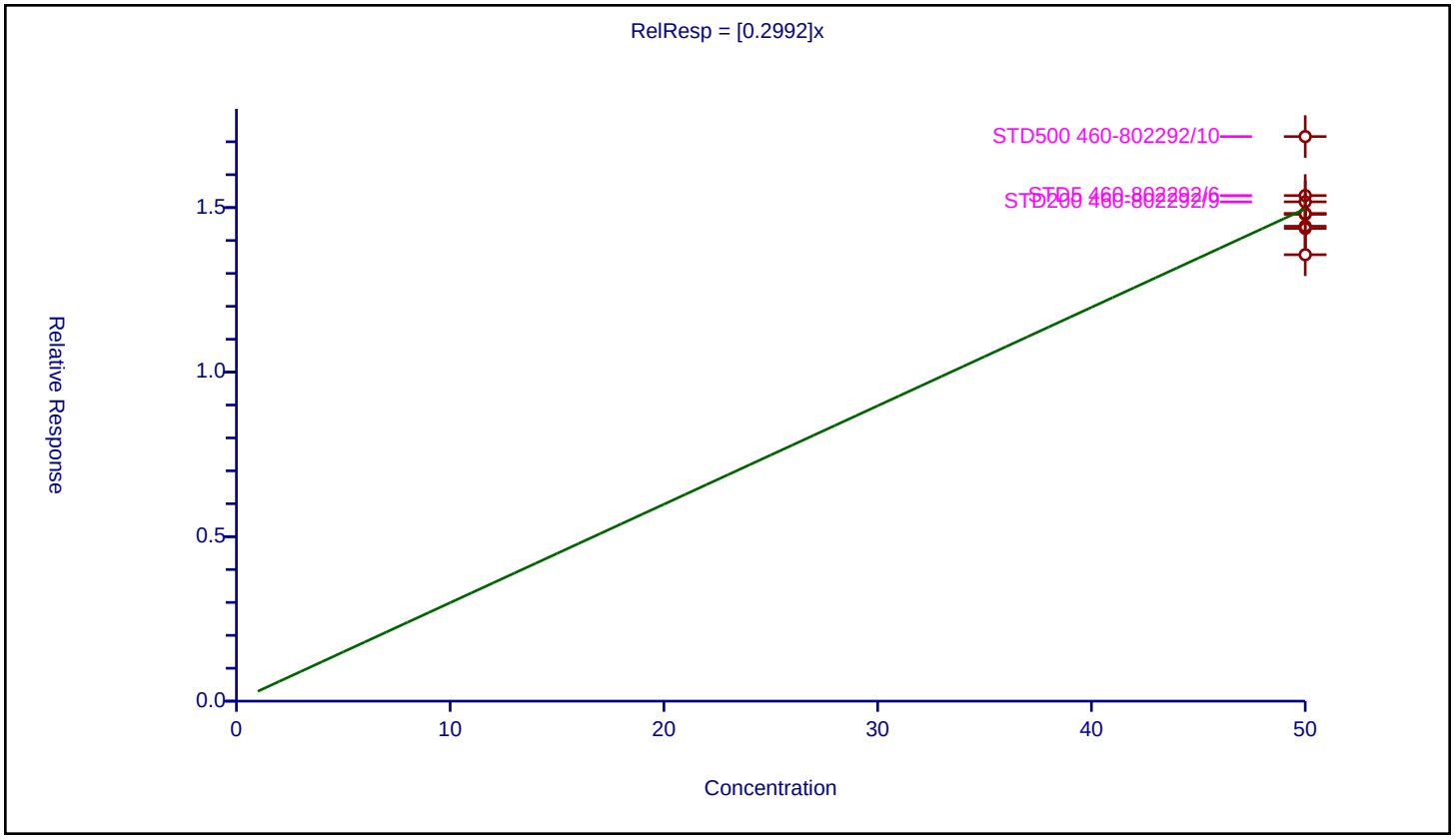
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2992 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 165000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 0 |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 50.0 | 13.568157 | 50.0 | 525543.0 | 0.271363 | Y |
| 2 | STD1 460-802292/5 | 50.0 | 14.795905 | 50.0 | 431785.0 | 0.295918 | Y |
| 3 | STD5 460-802292/6 | 50.0 | 15.366052 | 50.0 | 456015.0 | 0.307321 | Y |
| 4 | STD20 460-802292/7 | 50.0 | 14.433619 | 50.0 | 484771.0 | 0.288672 | Y |
| 5 | STD50 460-802292/8 | 50.0 | 14.822873 | 50.0 | 515929.0 | 0.296457 | Y |
| 6 | STD200 460-802292/9 | 50.0 | 15.17549 | 50.0 | 549946.0 | 0.30351 | Y |
| 7 | STD500 460-802292/10 | 50.0 | 17.158925 | 50.0 | 633102.0 | 0.343179 | Y |
| 8 | STD05 460-802292/16 | 50.0 | 14.366145 | 50.0 | 435068.0 | 0.287323 | Y |



## Calibration / Isopropyl acetate

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | None |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

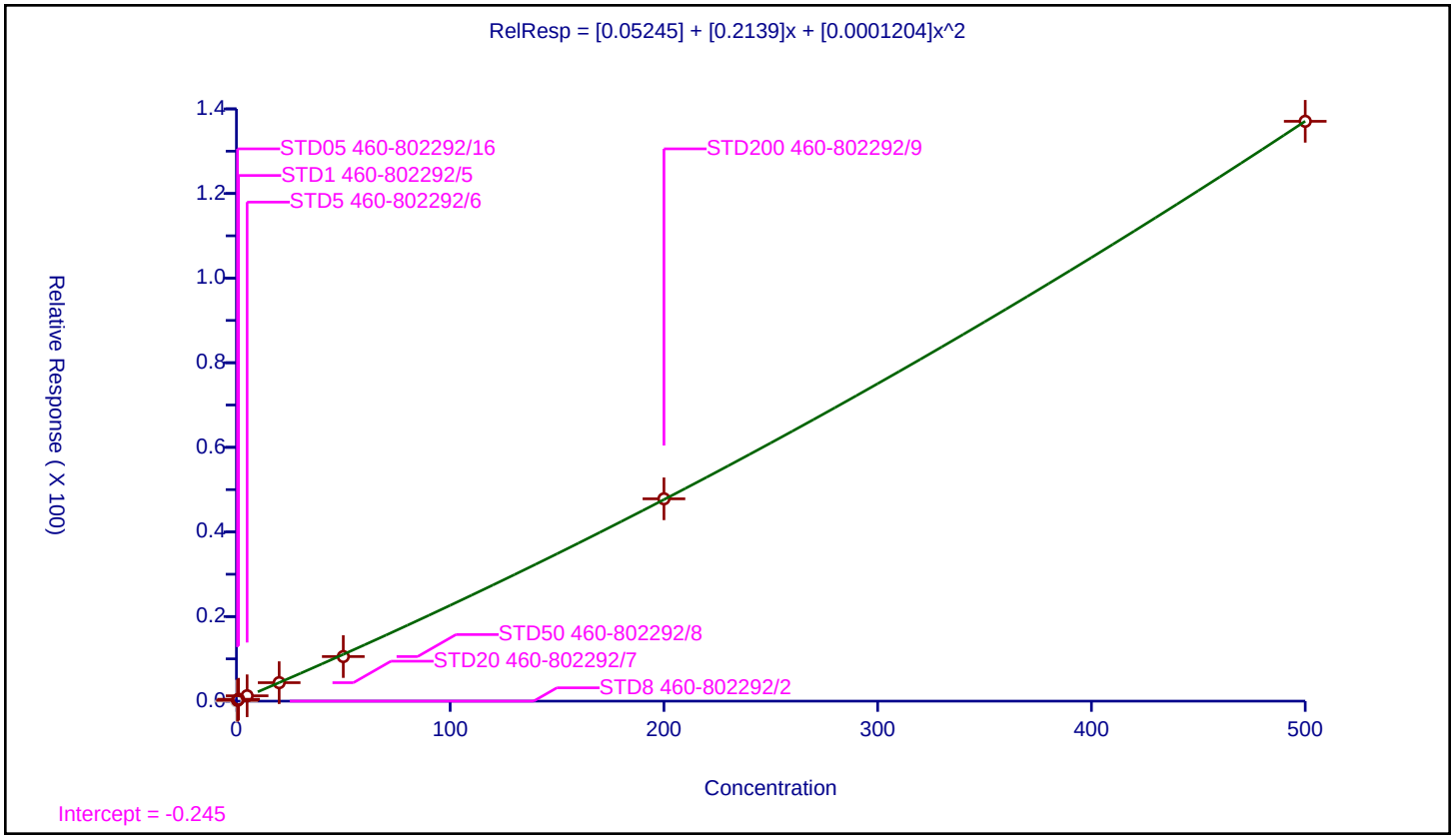
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.05245 |
| **Slope:** | 0.2139 |
| **Second Order:** | 0.0001204 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 909000 |
| **Relative Standard Error:** | 45.8 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 1.000 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.191924 | 50.0 | 435068.0 | 0.383848 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.449066 | 50.0 | 431785.0 | 0.449066 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.266954 | 50.0 | 456015.0 | 0.253391 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 4.36928 | 50.0 | 484771.0 | 0.218464 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 10.537109 | 50.0 | 515929.0 | 0.210742 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 47.825787 | 50.0 | 549946.0 | 0.239129 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 137.06417 | 50.0 | 633102.0 | 0.274128 | Y |



## Calibration / Tert-amyl methyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

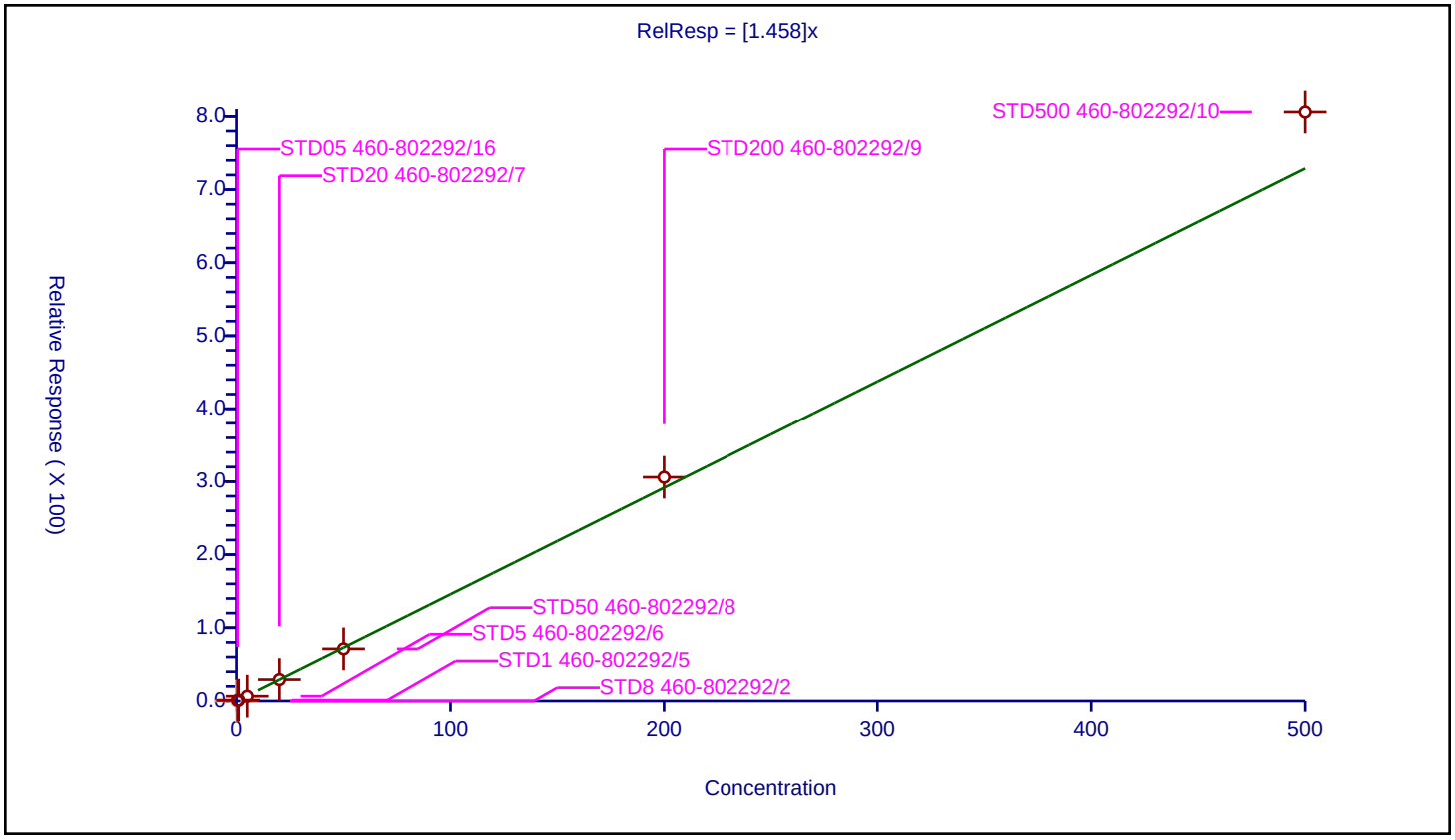
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.458 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4400000 |
| **Relative Standard Error:** | 10.1 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.813436 | 50.0 | 435068.0 | 1.626872 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.234758 | 50.0 | 431785.0 | 1.234758 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 6.573797 | 50.0 | 456015.0 | 1.314759 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 29.268046 | 50.0 | 484771.0 | 1.463402 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 71.171518 | 50.0 | 515929.0 | 1.42343 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 305.919127 | 50.0 | 549946.0 | 1.529596 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 805.949515 | 50.0 | 633102.0 | 1.611899 | Y |



## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

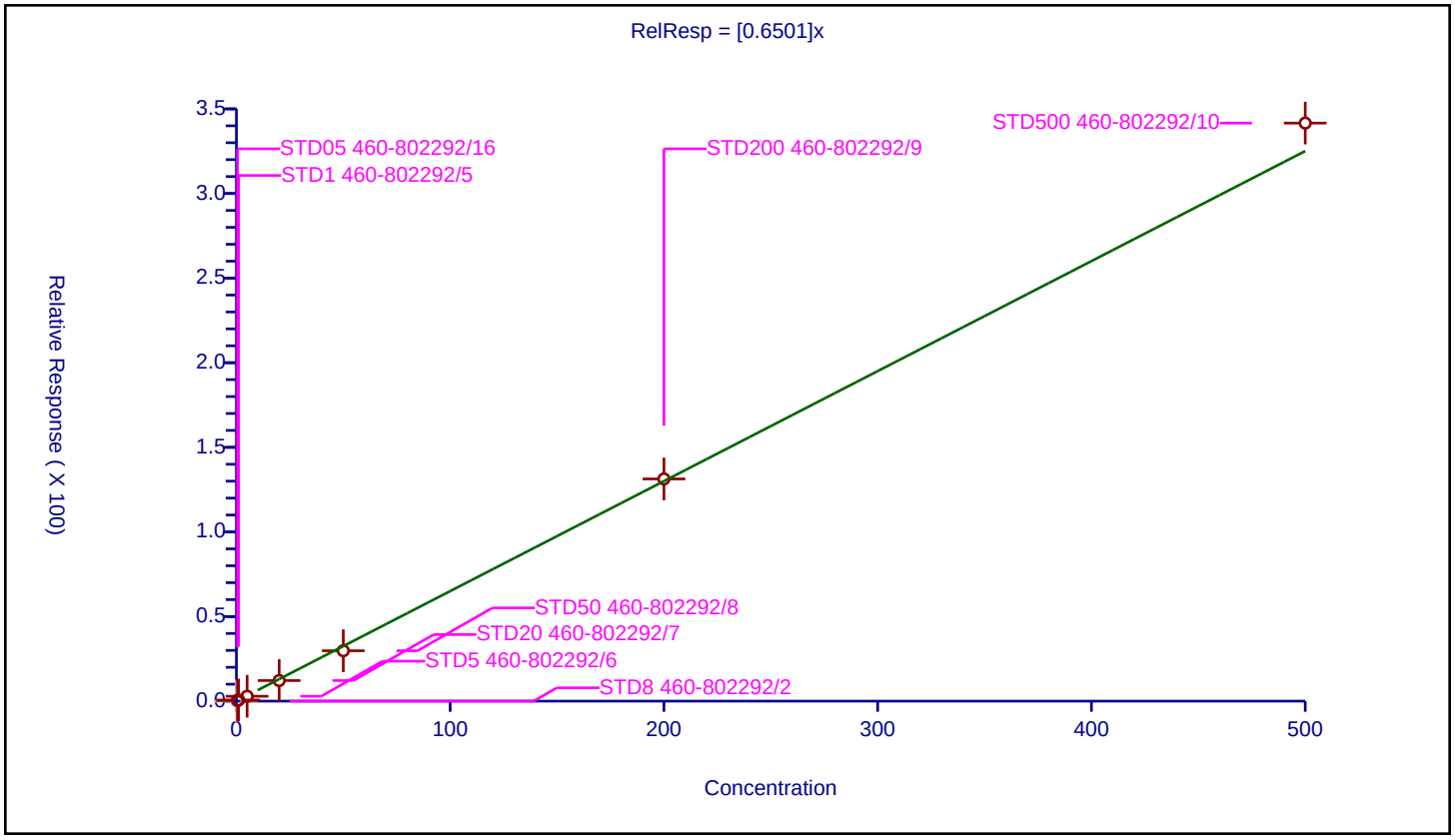
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6501 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1870000 |
| **Relative Standard Error:** | 10.1 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.385917 | 50.0 | 435068.0 | 0.771833 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.657966 | 50.0 | 431785.0 | 0.657966 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.889927 | 50.0 | 456015.0 | 0.577985 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 12.157905 | 50.0 | 484771.0 | 0.607895 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 29.777256 | 50.0 | 515929.0 | 0.595545 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 131.303346 | 50.0 | 549946.0 | 0.656517 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 341.603091 | 50.0 | 633102.0 | 0.683206 | Y |



## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

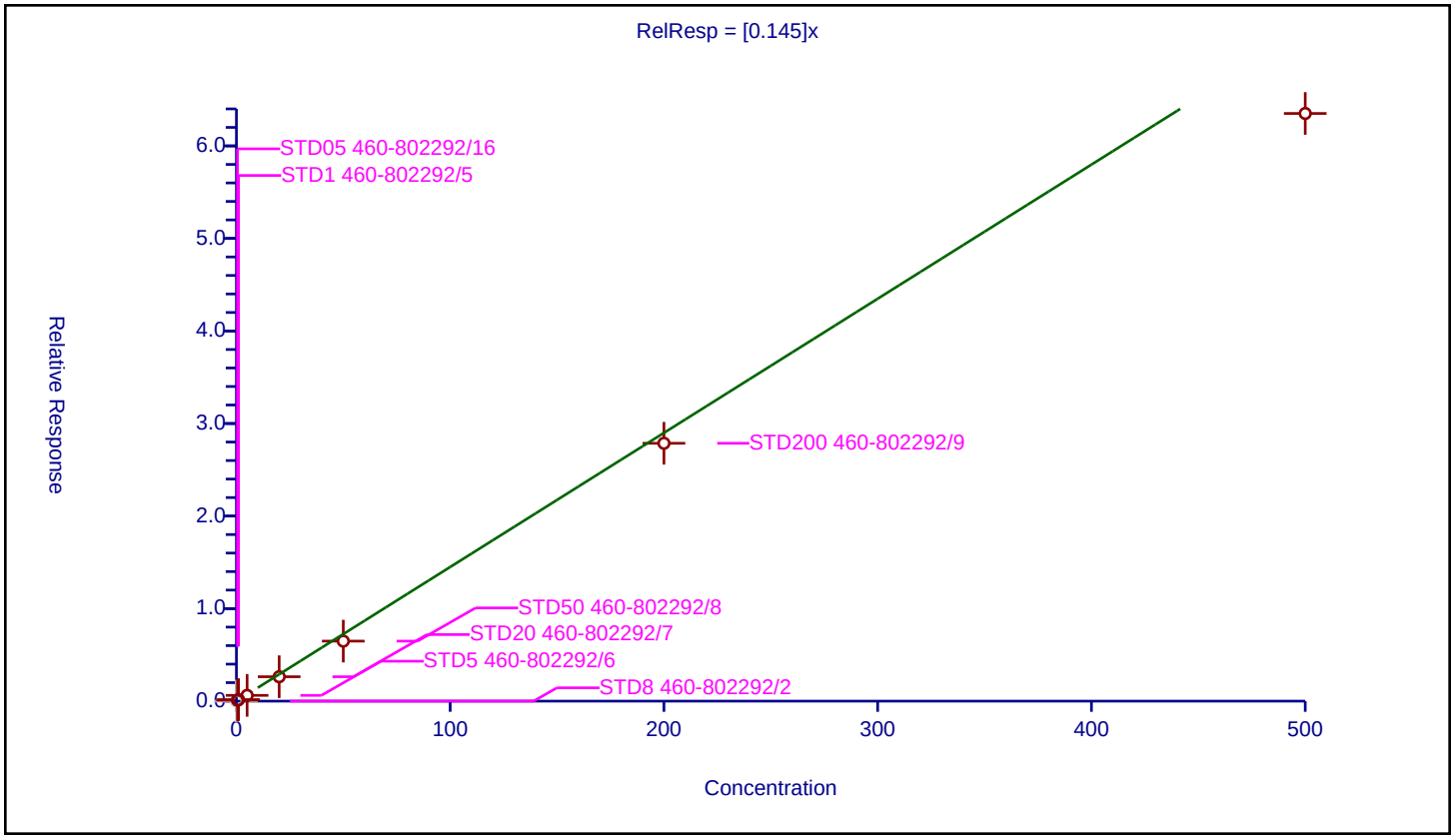
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.145 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 353000 |
| **Relative Standard Error:** | 18.8 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.945 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.099755 | 50.0 | 435068.0 | 0.199509 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.162697 | 50.0 | 431785.0 | 0.162697 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 0.622787 | 50.0 | 456015.0 | 0.124557 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 2.636709 | 50.0 | 484771.0 | 0.131835 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 6.486164 | 50.0 | 515929.0 | 0.129723 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 27.865554 | 50.0 | 549946.0 | 0.139328 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 63.504538 | 50.0 | 633102.0 | 0.127009 | Y |



## Calibration / n-Butanol

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

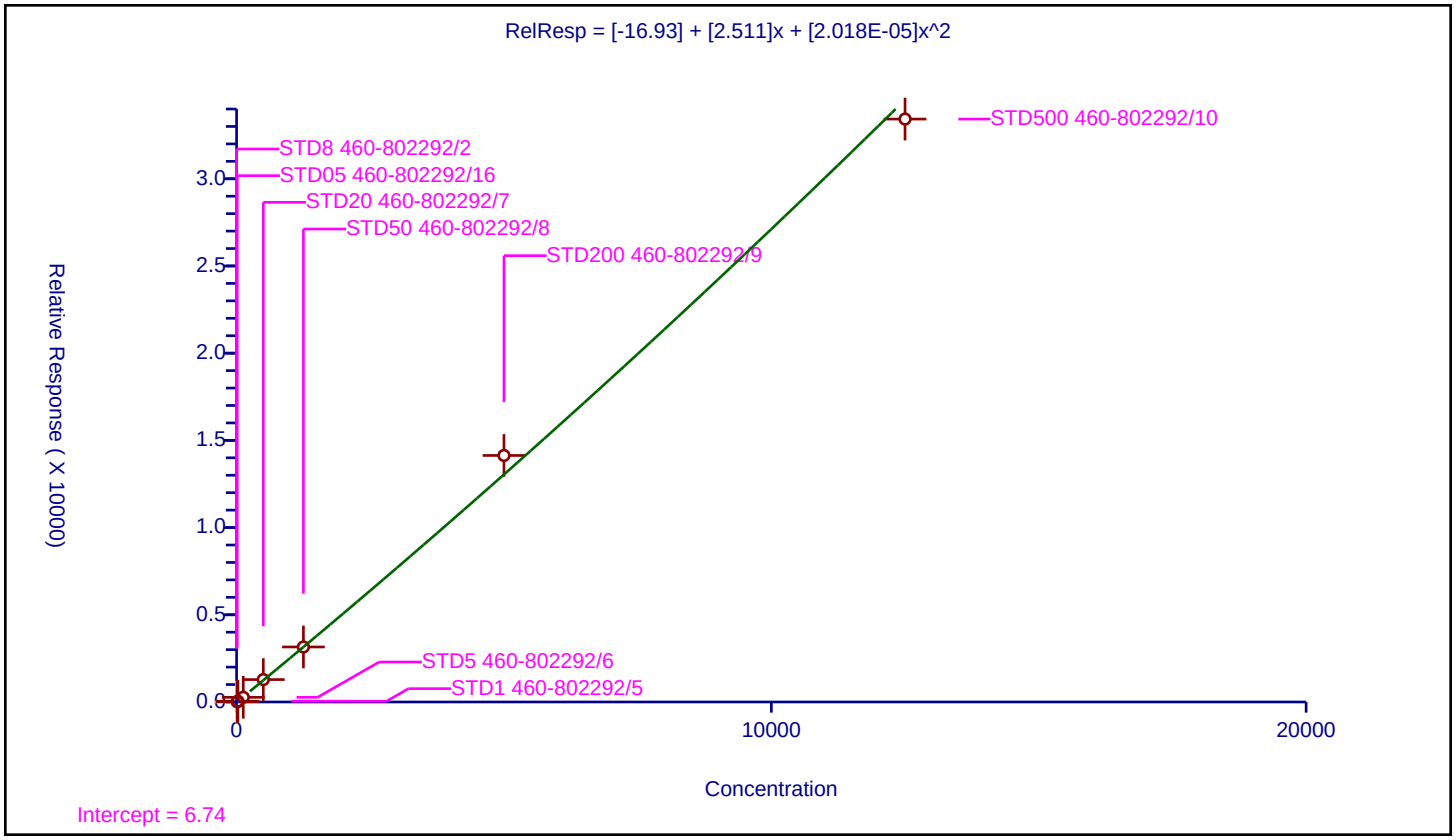
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -16.93 |
| **Slope:** | 2.511 |
| **Second Order:** | 2.018E-05 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1020000 |
| **Relative Standard Error:** | 6.5 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 1000.0 | 32981.0 | NaN | N |
| 2 | STD05 460-802292/16 | 12.5 | 14.766863 | 1000.0 | 33521.0 | 1.181349 | Y |
| 3 | STD1 460-802292/5 | 25.0 | 45.719089 | 1000.0 | 30928.0 | 1.828764 | Y |
| 4 | STD5 460-802292/6 | 125.0 | 268.359498 | 1000.0 | 37964.0 | 2.146876 | Y |
| 5 | STD20 460-802292/7 | 500.0 | 1285.61488 | 1000.0 | 37365.0 | 2.57123 | Y |
| 6 | STD50 460-802292/8 | 1250.0 | 3154.883286 | 1000.0 | 41683.0 | 2.523907 | Y |
| 7 | STD200 460-802292/9 | 5000.0 | 14135.087548 | 1000.0 | 51115.0 | 2.827018 | Y |
| 8 | STD500 460-802292/10 | 12500.0 | 33424.015009 | 1000.0 | 58097.0 | 2.673921 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

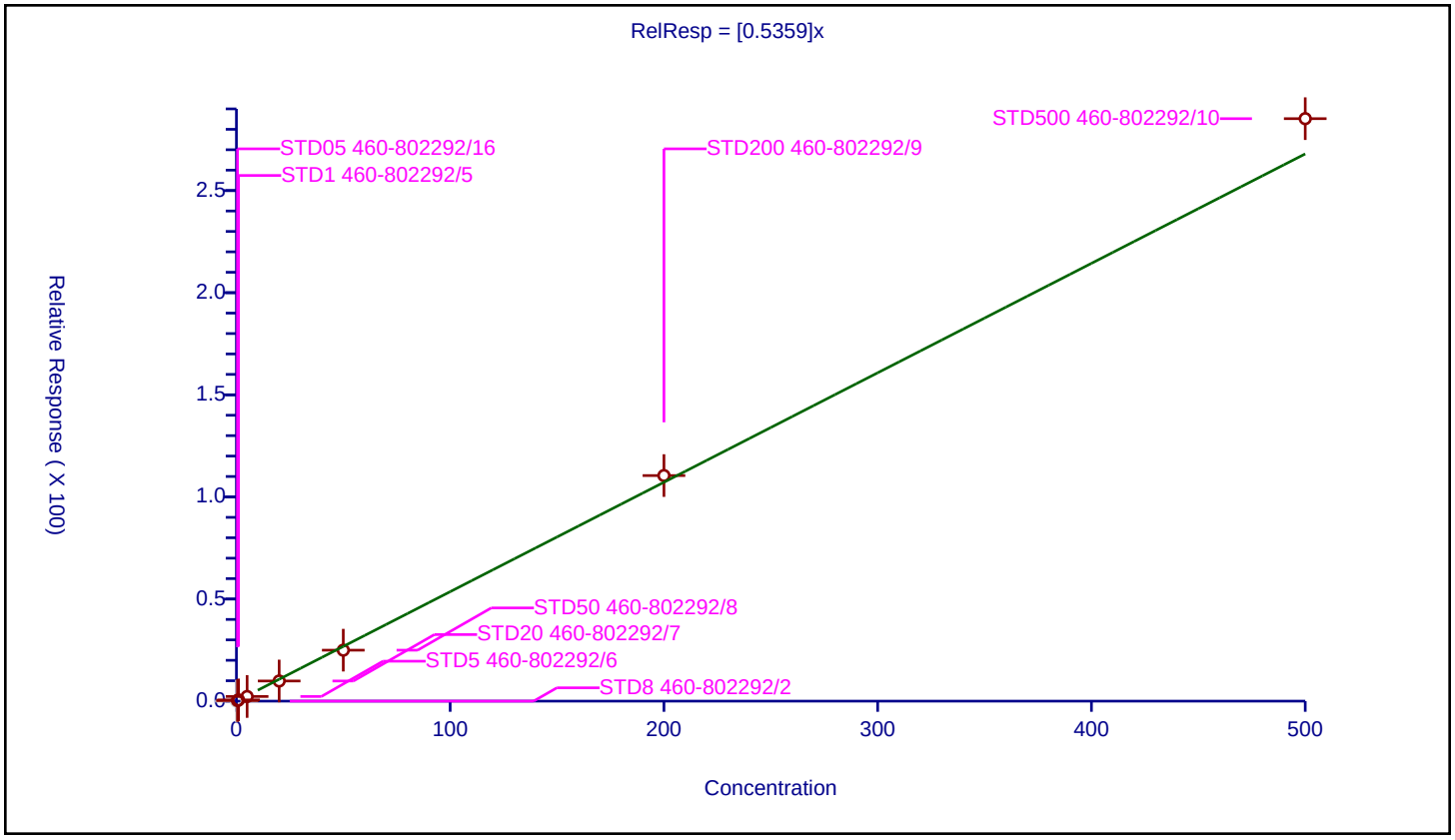
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5359 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1560000 |
| **Relative Standard Error:** | 10.1 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.291564 | 50.0 | 435068.0 | 0.583127 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.599257 | 50.0 | 431785.0 | 0.599257 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.269333 | 50.0 | 456015.0 | 0.453867 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 9.866514 | 50.0 | 484771.0 | 0.493326 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 24.956341 | 50.0 | 515929.0 | 0.499127 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 110.4623 | 50.0 | 549946.0 | 0.552311 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 285.216047 | 50.0 | 633102.0 | 0.570432 | Y |



## Calibration / Ethyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

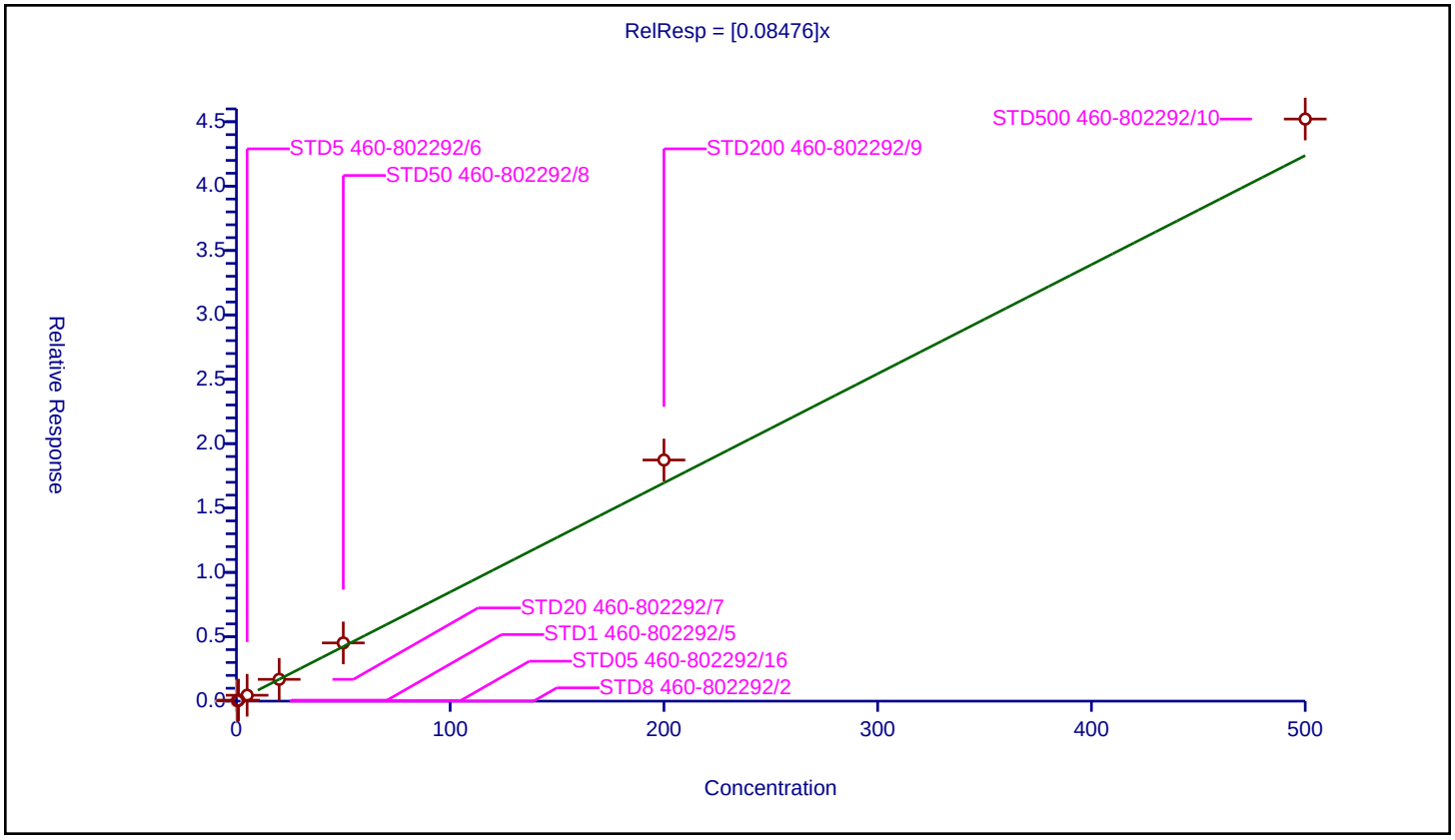
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08476 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 249000 |
| **Relative Standard Error:** | 12.0 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.984 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.032639 | 50.0 | 435068.0 | 0.065277 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.077353 | 50.0 | 431785.0 | 0.077353 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 0.45766 | 50.0 | 456015.0 | 0.091532 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 1.692964 | 50.0 | 484771.0 | 0.084648 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 4.521262 | 50.0 | 515929.0 | 0.090425 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 18.728566 | 50.0 | 549946.0 | 0.093643 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 45.211119 | 50.0 | 633102.0 | 0.090422 | Y |



## Calibration / Methylcyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

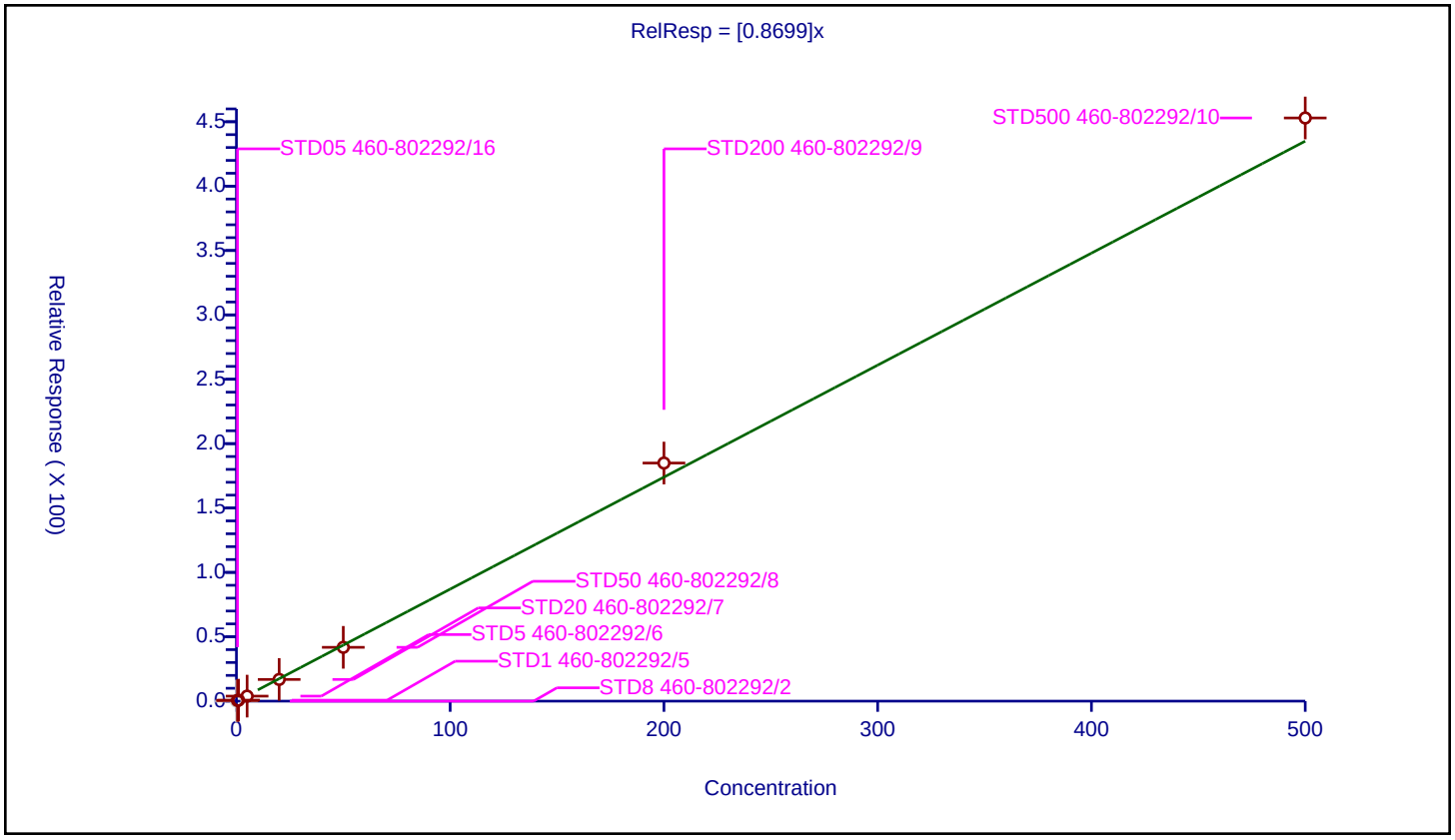
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8699 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2490000 |
| **Relative Standard Error:** | 11.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.523596 | 50.0 | 435068.0 | 1.047193 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.75211 | 50.0 | 431785.0 | 0.75211 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.903819 | 50.0 | 456015.0 | 0.780764 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 16.852906 | 50.0 | 484771.0 | 0.842645 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 41.794414 | 50.0 | 515929.0 | 0.835888 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 184.934248 | 50.0 | 549946.0 | 0.924671 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 452.951104 | 50.0 | 633102.0 | 0.905902 | Y |



## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

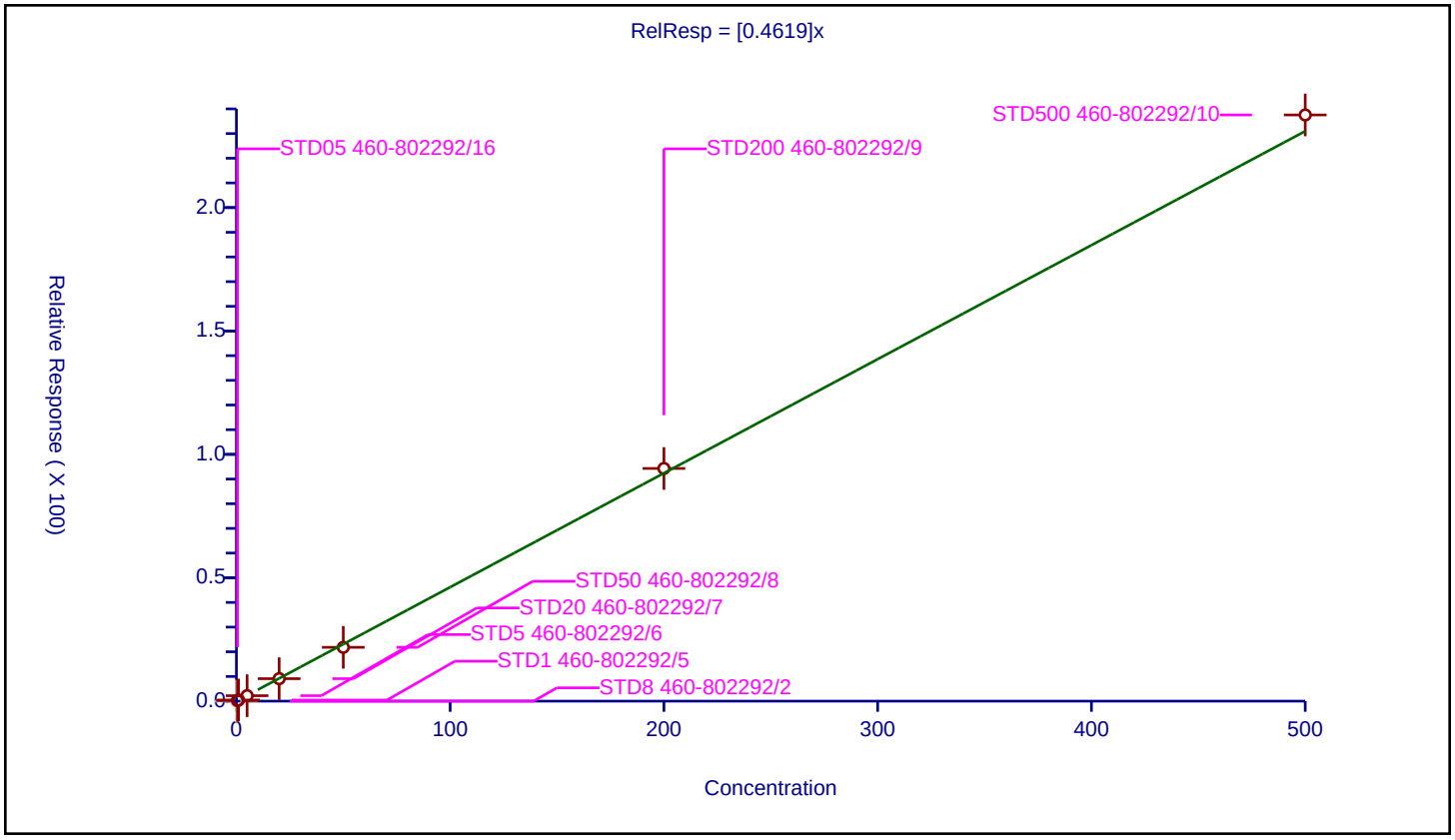
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4619 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1300000 |
| **Relative Standard Error:** | 5.1 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.251915 | 50.0 | 435068.0 | 0.503829 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.450919 | 50.0 | 431785.0 | 0.450919 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.203107 | 50.0 | 456015.0 | 0.440621 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 9.107702 | 50.0 | 484771.0 | 0.455385 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 21.809106 | 50.0 | 515929.0 | 0.436182 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 94.292258 | 50.0 | 549946.0 | 0.471461 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 237.544424 | 50.0 | 633102.0 | 0.475089 | Y |



## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

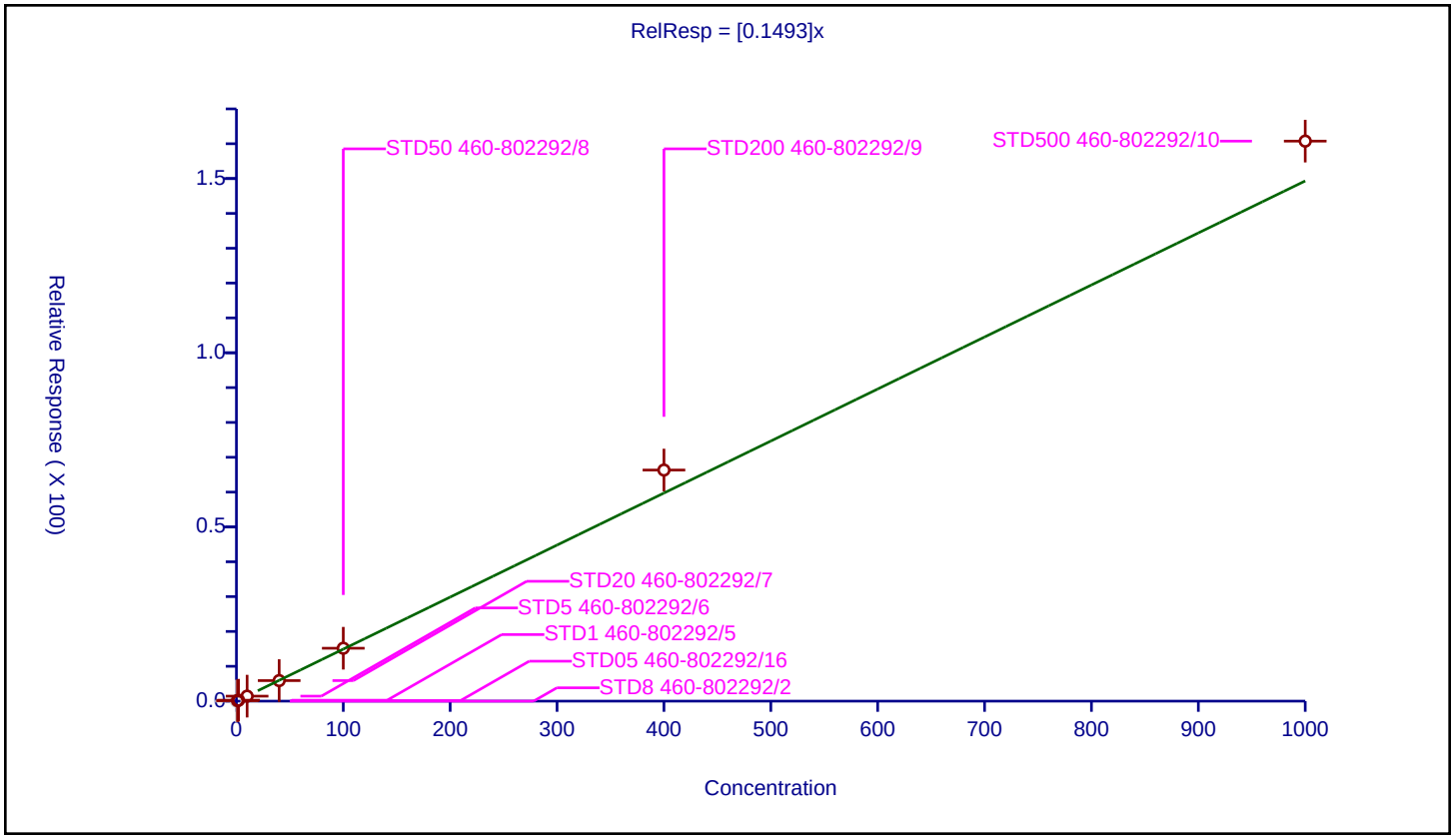
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1493 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 885000 |
| **Relative Standard Error:** | 7.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 1.0 | 0.142621 | 50.0 | 435068.0 | 0.142621 | Y |
| 3 | STD1 460-802292/5 | 2.0 | 0.266568 | 50.0 | 431785.0 | 0.133284 | Y |
| 4 | STD5 460-802292/6 | 10.0 | 1.433725 | 50.0 | 456015.0 | 0.143372 | Y |
| 5 | STD20 460-802292/7 | 40.0 | 5.901446 | 50.0 | 484771.0 | 0.147536 | Y |
| 6 | STD50 460-802292/8 | 100.0 | 15.184357 | 50.0 | 515929.0 | 0.151844 | Y |
| 7 | STD200 460-802292/9 | 400.0 | 66.331422 | 50.0 | 549946.0 | 0.165829 | Y |
| 8 | STD500 460-802292/10 | 1000.0 | 160.746925 | 50.0 | 633102.0 | 0.160747 | Y |



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

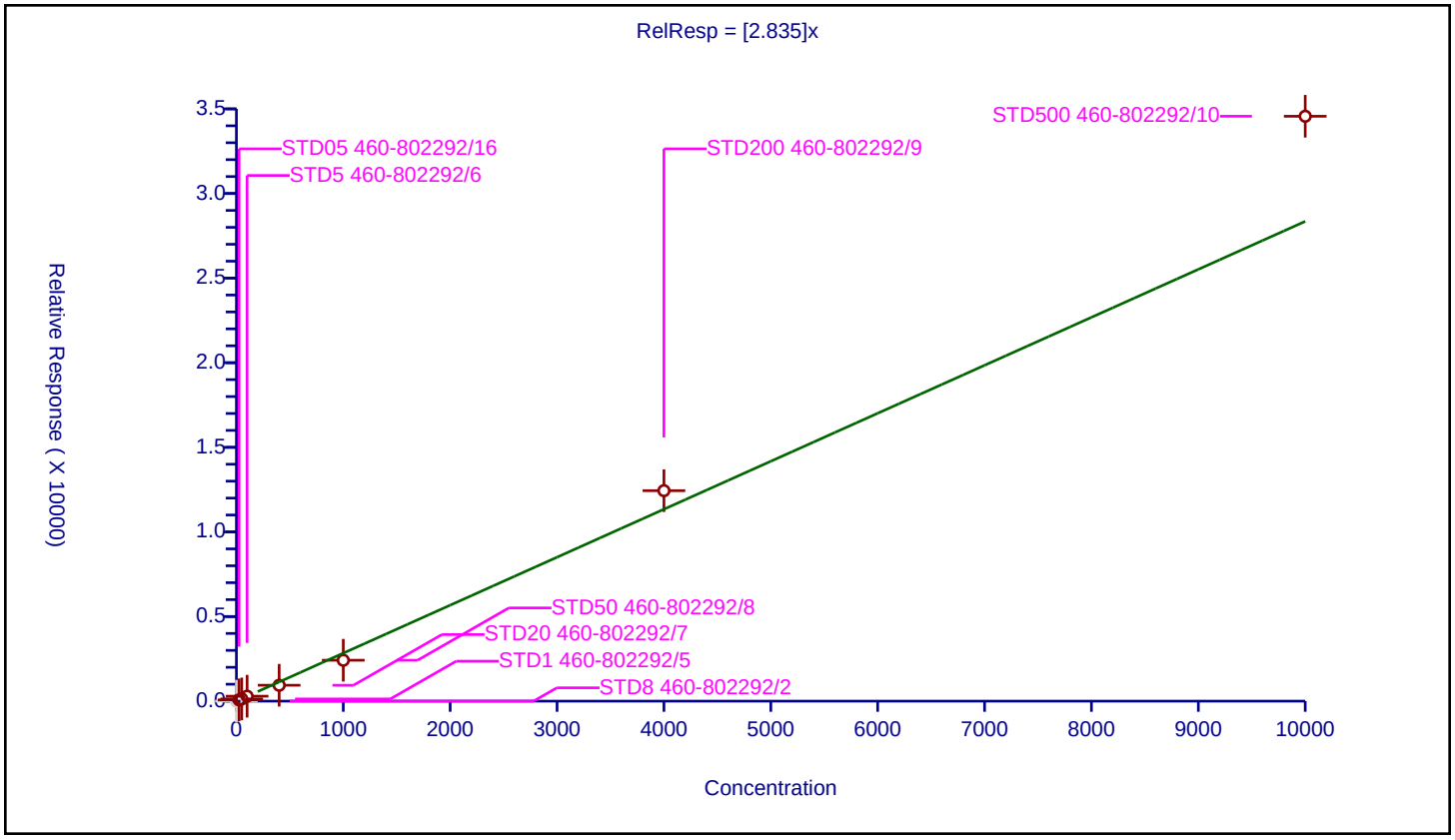
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.835 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 305000 |
| **Relative Standard Error:** | 14.1 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.973 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 1000.0 | 21672.0 | NaN | N |
| 2 | STD05 460-802292/16 | 25.000031 | 74.840026 | 1000.0 | 21566.0 | 2.993597 | Y |
| 3 | STD1 460-802292/5 | 50.000062 | 130.192719 | 1000.0 | 18680.0 | 2.603851 | Y |
| 4 | STD5 460-802292/6 | 100.0 | 292.016604 | 1000.0 | 20718.0 | 2.920166 | Y |
| 5 | STD20 460-802292/7 | 400.0 | 938.433077 | 1000.0 | 23243.0 | 2.346083 | Y |
| 6 | STD50 460-802292/8 | 1000.0 | 2416.76205 | 1000.0 | 23589.0 | 2.416762 | Y |
| 7 | STD200 460-802292/9 | 4000.0 | 12438.112832 | 1000.0 | 21111.0 | 3.109528 | Y |
| 8 | STD500 460-802292/10 | 10000.0 | 34564.337189 | 1000.0 | 21092.0 | 3.456434 | Y |



## Calibration / n-Propyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

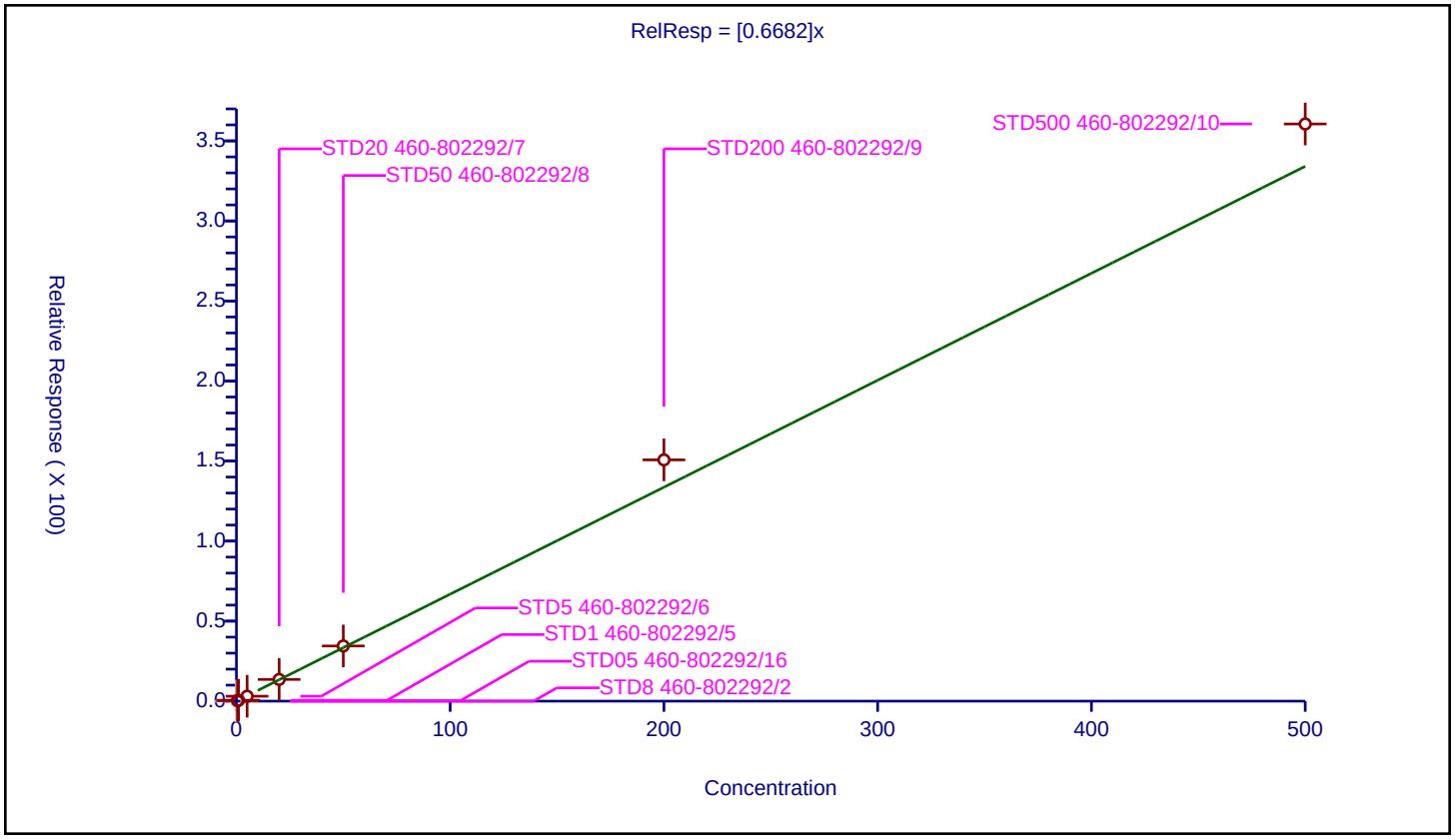
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6682 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1990000 |
| **Relative Standard Error:** | 9.7 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.330523 | 50.0 | 435068.0 | 0.661046 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.558727 | 50.0 | 431785.0 | 0.558727 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.079504 | 50.0 | 456015.0 | 0.615901 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 13.559701 | 50.0 | 484771.0 | 0.677985 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 34.463269 | 50.0 | 515929.0 | 0.689265 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 150.730799 | 50.0 | 549946.0 | 0.753654 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 360.565991 | 50.0 | 633102.0 | 0.721132 | Y |



## Calibration / Dibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

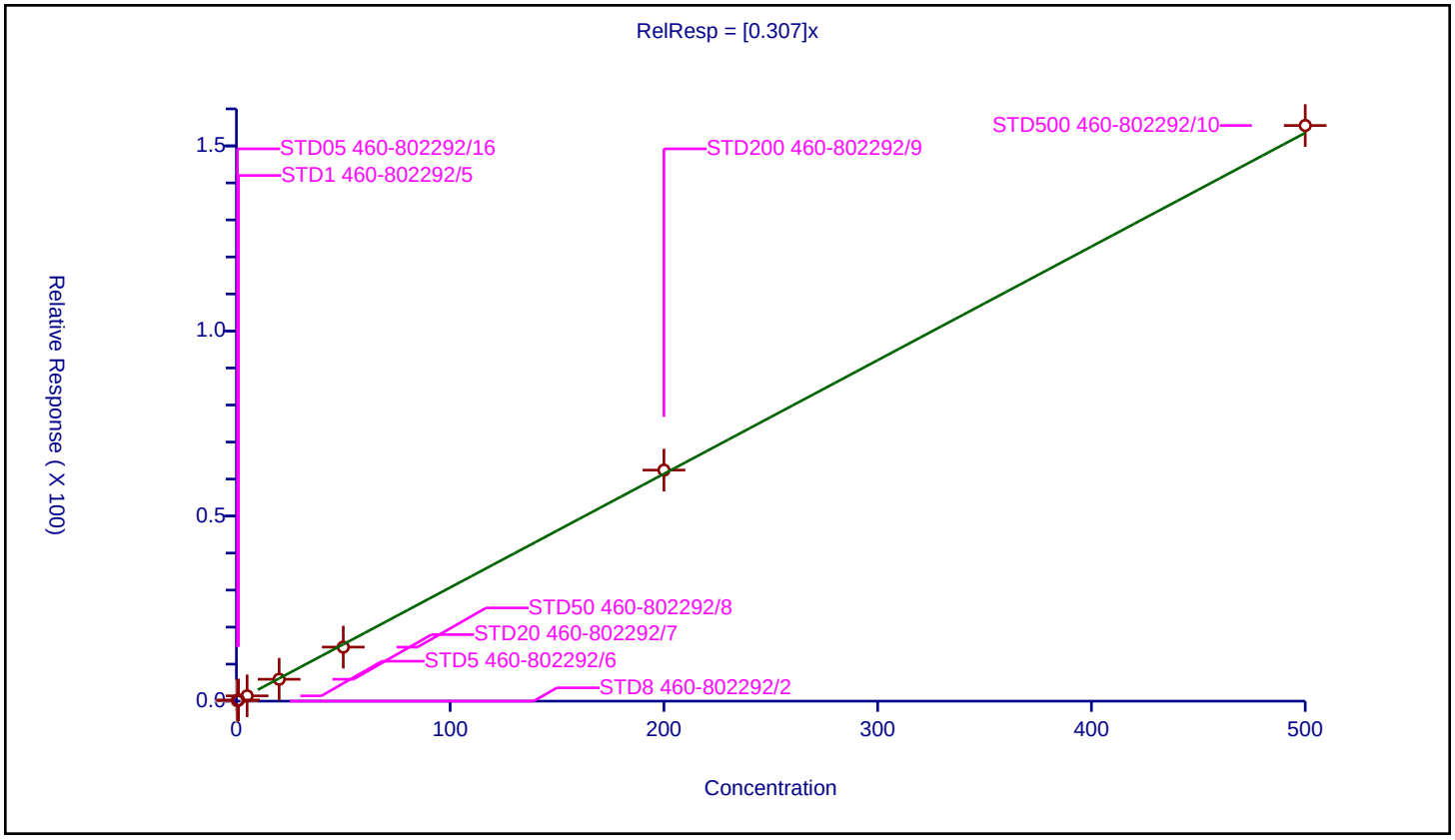
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.307 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 854000 |
| **Relative Standard Error:** | 6.1 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.170548 | 50.0 | 435068.0 | 0.341096 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.312424 | 50.0 | 431785.0 | 0.312424 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 1.425392 | 50.0 | 456015.0 | 0.285078 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 5.91011 | 50.0 | 484771.0 | 0.295506 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 14.599877 | 50.0 | 515929.0 | 0.291998 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 62.414583 | 50.0 | 549946.0 | 0.312073 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 155.508038 | 50.0 | 633102.0 | 0.311016 | Y |



## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

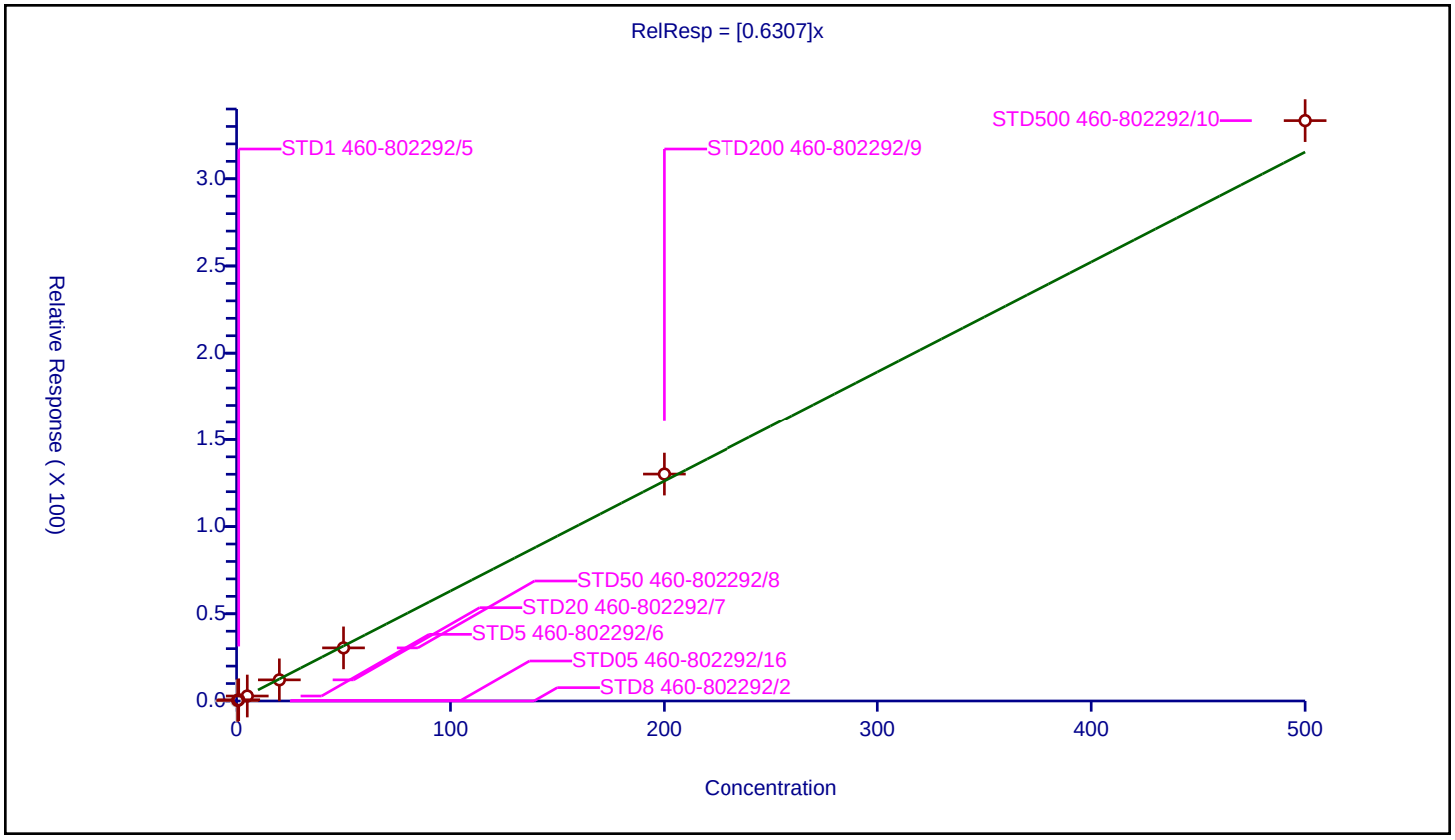
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6307 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1820000 |
| **Relative Standard Error:** | 6.4 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.31202 | 50.0 | 435068.0 | 0.62404 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.688421 | 50.0 | 431785.0 | 0.688421 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.851003 | 50.0 | 456015.0 | 0.570201 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 12.116339 | 50.0 | 484771.0 | 0.605817 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 30.449732 | 50.0 | 515929.0 | 0.608995 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 130.109774 | 50.0 | 549946.0 | 0.650549 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 333.345733 | 50.0 | 633102.0 | 0.666691 | Y |



## Calibration / 2-Chloroethyl vinyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

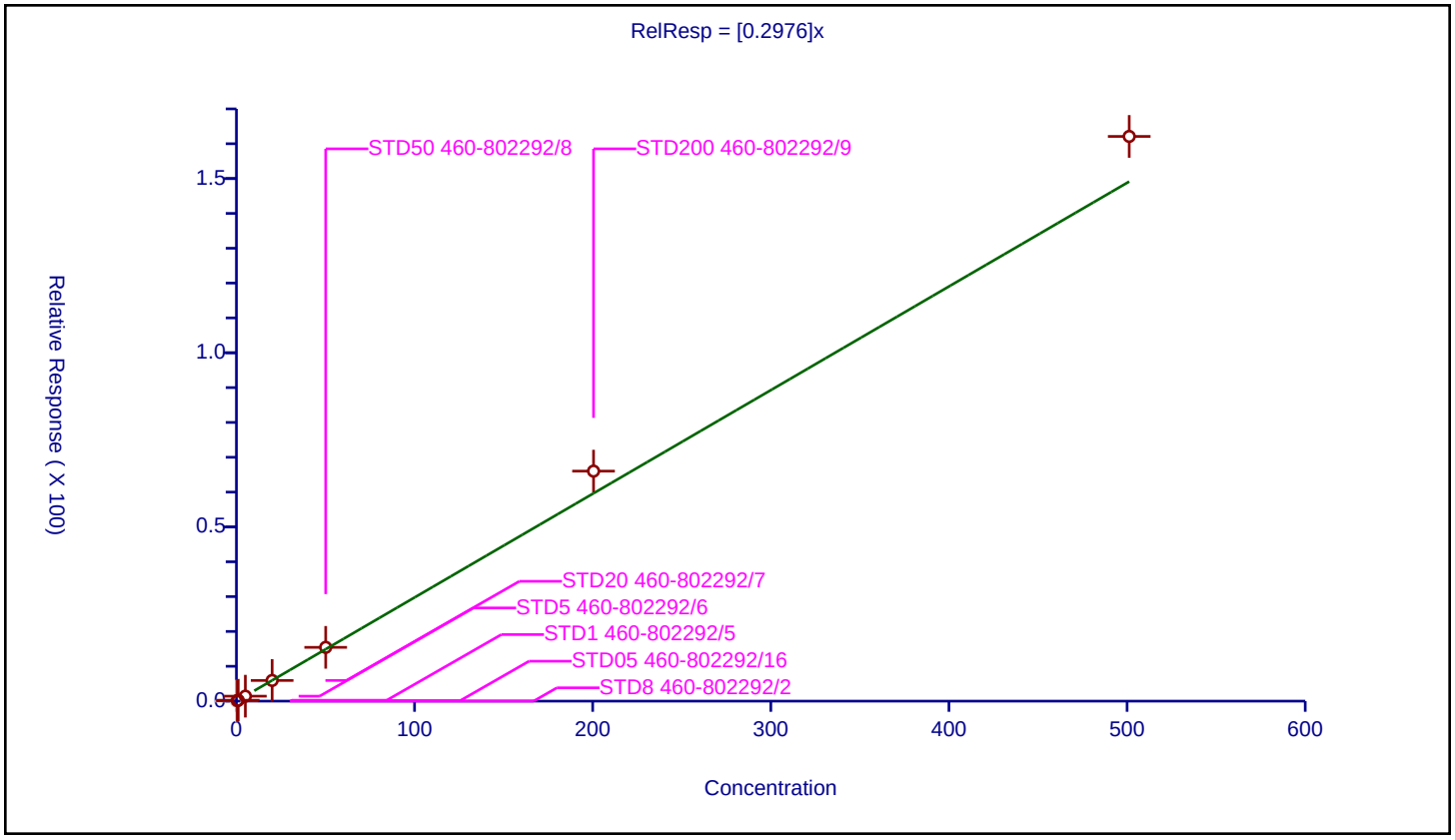
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2976 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 891000 |
| **Relative Standard Error:** | 8.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5012 | 0.142162 | 50.0 | 435068.0 | 0.283643 | Y |
| 3 | STD1 460-802292/5 | 1.0024 | 0.258346 | 50.0 | 431785.0 | 0.257728 | Y |
| 4 | STD5 460-802292/6 | 5.012 | 1.426927 | 50.0 | 456015.0 | 0.284702 | Y |
| 5 | STD20 460-802292/7 | 20.048 | 5.93538 | 50.0 | 484771.0 | 0.296058 | Y |
| 6 | STD50 460-802292/8 | 50.12 | 15.440109 | 50.0 | 515929.0 | 0.308063 | Y |
| 7 | STD200 460-802292/9 | 200.48 | 66.02321 | 50.0 | 549946.0 | 0.329326 | Y |
| 8 | STD500 460-802292/10 | 501.2 | 162.098051 | 50.0 | 633102.0 | 0.32342 | Y |



## Calibration / 2-Nitropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

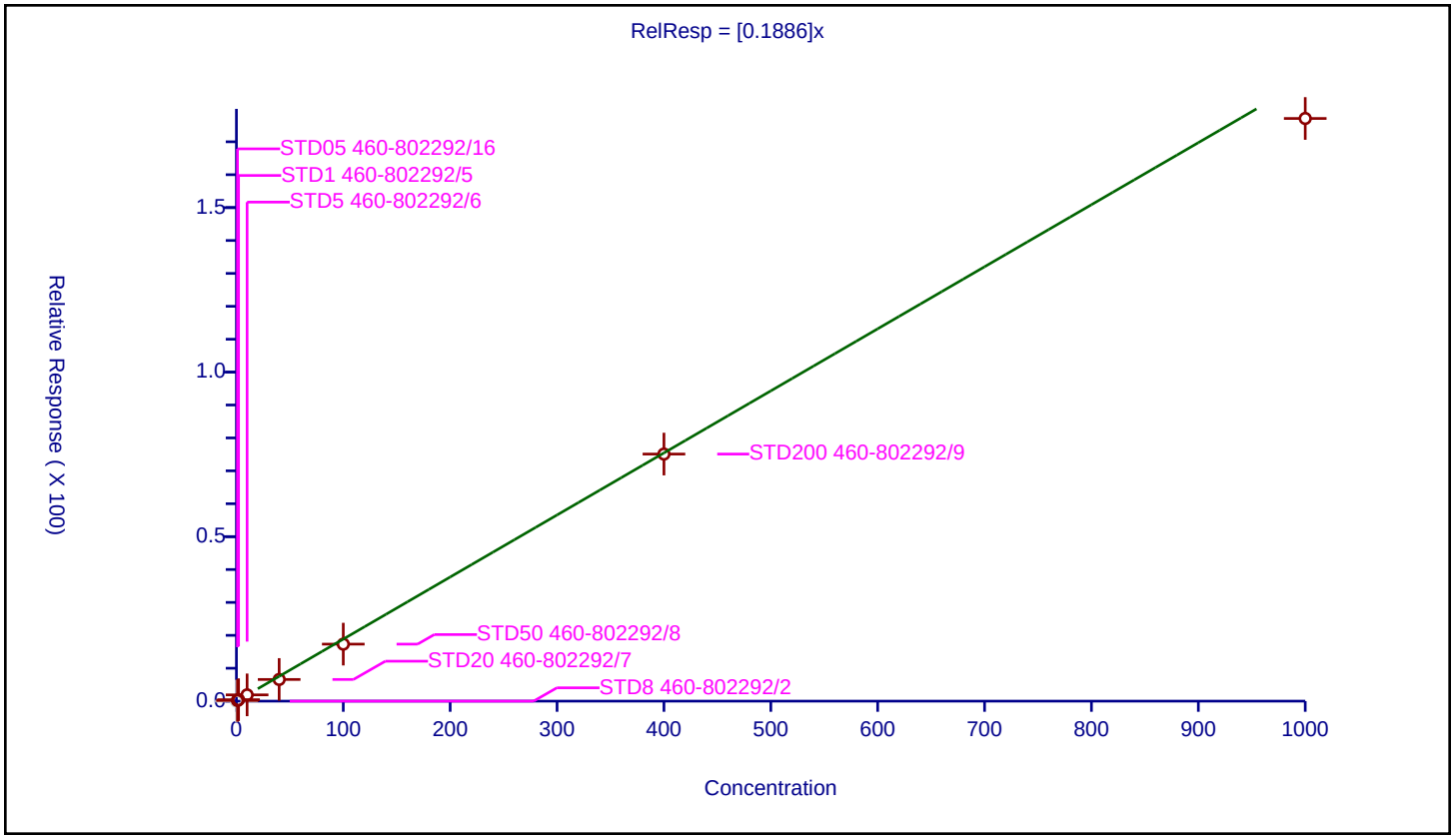
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1886 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 979000 |
| **Relative Standard Error:** | 10.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 525543.0 | NaN | N |
| 2 | STD05 460-802292/16 | 1.0 | 0.210082 | 50.0 | 435068.0 | 0.210082 | Y |
| 3 | STD1 460-802292/5 | 2.0 | 0.433086 | 50.0 | 431785.0 | 0.216543 | Y |
| 4 | STD5 460-802292/6 | 10.0 | 1.90838 | 50.0 | 456015.0 | 0.190838 | Y |
| 5 | STD20 460-802292/7 | 40.0 | 6.587647 | 50.0 | 484771.0 | 0.164691 | Y |
| 6 | STD50 460-802292/8 | 100.0 | 17.323605 | 50.0 | 515929.0 | 0.173236 | Y |
| 7 | STD200 460-802292/9 | 400.0 | 75.087918 | 50.0 | 549946.0 | 0.18772 | Y |
| 8 | STD500 460-802292/10 | 1000.0 | 177.085288 | 50.0 | 633102.0 | 0.177085 | Y |



## Calibration / Epichlorohydrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

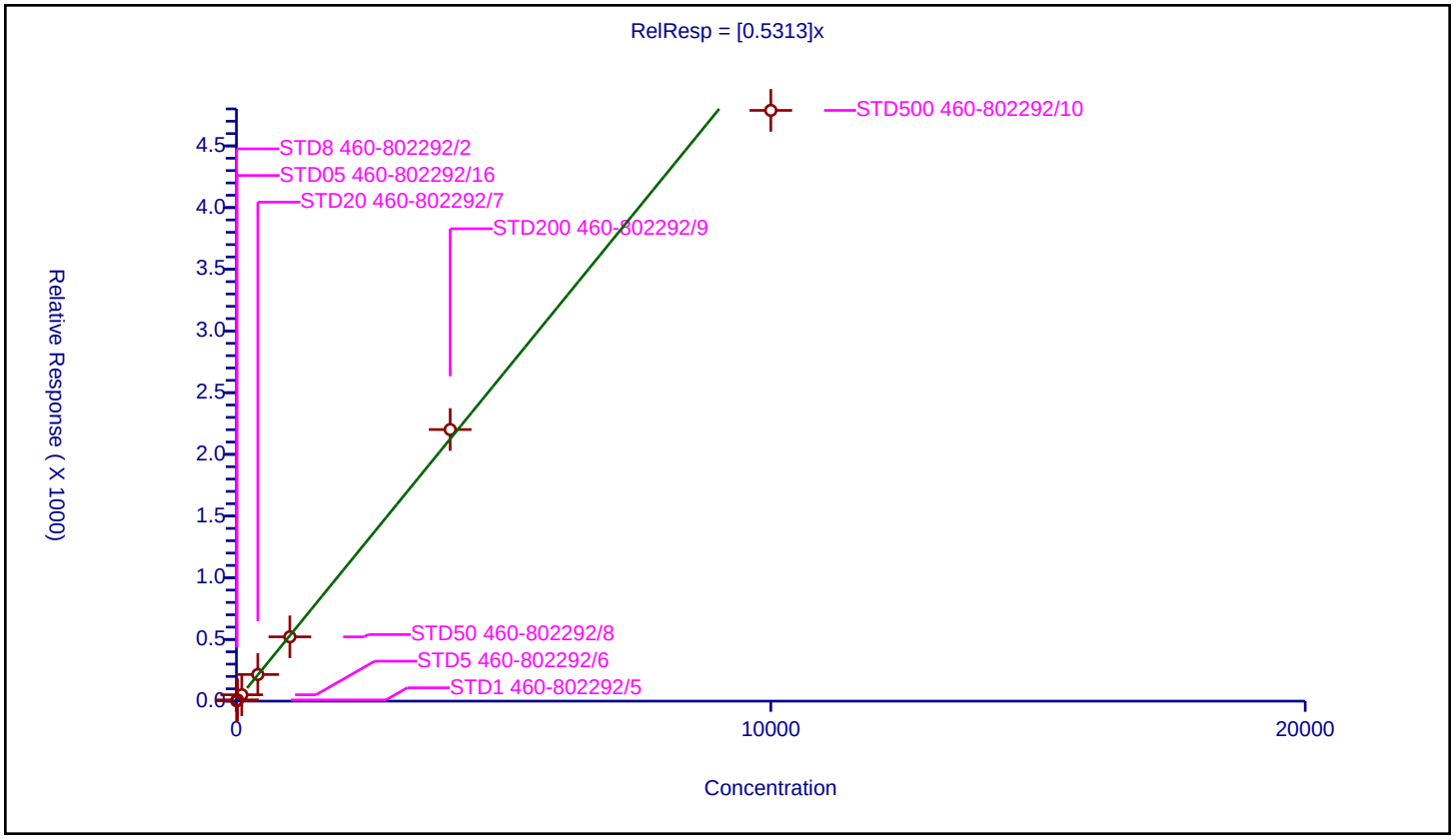
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5313 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3030000 |
| **Relative Standard Error:** | 6.5 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 5.000009 | 2.759245 | 250.0 | 225877.0 | 0.551848 | Y |
| 2 | STD05 460-802292/16 | 10.000017 | 5.916179 | 250.0 | 208158.0 | 0.591617 | Y |
| 3 | STD1 460-802292/5 | 20.000035 | 10.026799 | 250.0 | 197770.0 | 0.501339 | Y |
| 4 | STD5 460-802292/6 | 100.000173 | 51.595731 | 250.0 | 238198.0 | 0.515956 | Y |
| 5 | STD20 460-802292/7 | 400.000692 | 215.702383 | 250.0 | 244361.0 | 0.539255 | Y |
| 6 | STD50 460-802292/8 | 1000.00173 | 521.269876 | 250.0 | 280232.0 | 0.521269 | Y |
| 7 | STD200 460-802292/9 | 4000.00692 | 2201.192751 | 250.0 | 310794.0 | 0.550297 | Y |
| 8 | STD500 460-802292/10 | 10000.0173 | 4787.89987 | 250.0 | 391690.0 | 0.478789 | Y |



## Calibration / cis-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

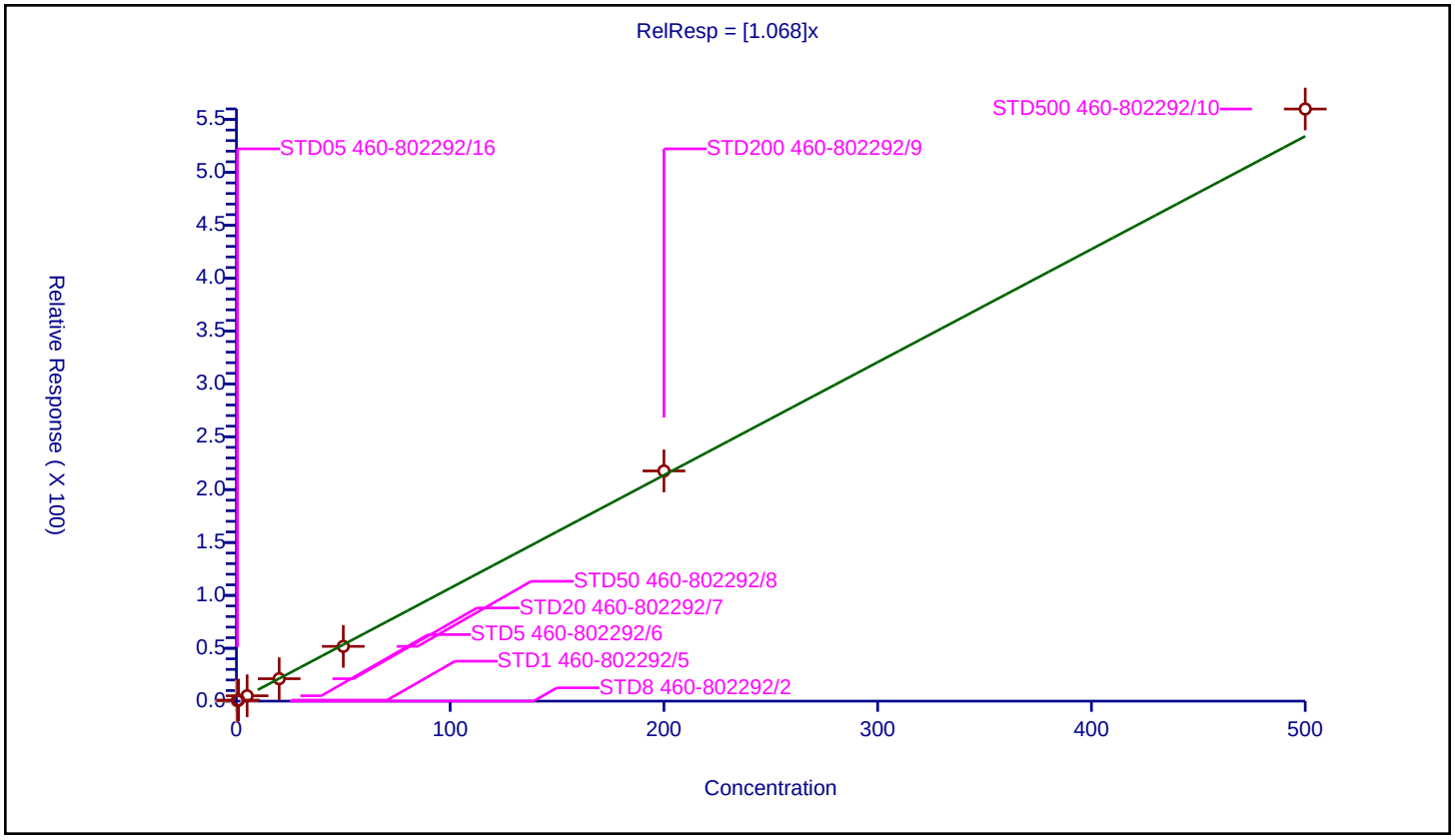
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.068 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2290000 |
| **Relative Standard Error:** | 5.4 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.579149 | 50.0 | 328499.0 | 1.158299 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.000807 | 50.0 | 311099.0 | 1.000807 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 5.076357 | 50.0 | 331665.0 | 1.015271 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 21.197819 | 50.0 | 353718.0 | 1.059891 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 51.782836 | 50.0 | 383378.0 | 1.035657 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 217.687958 | 50.0 | 418033.0 | 1.08844 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 559.904099 | 50.0 | 472360.0 | 1.119808 | Y |



## Calibration / 4-Methyl-2-pentanone (MIBK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

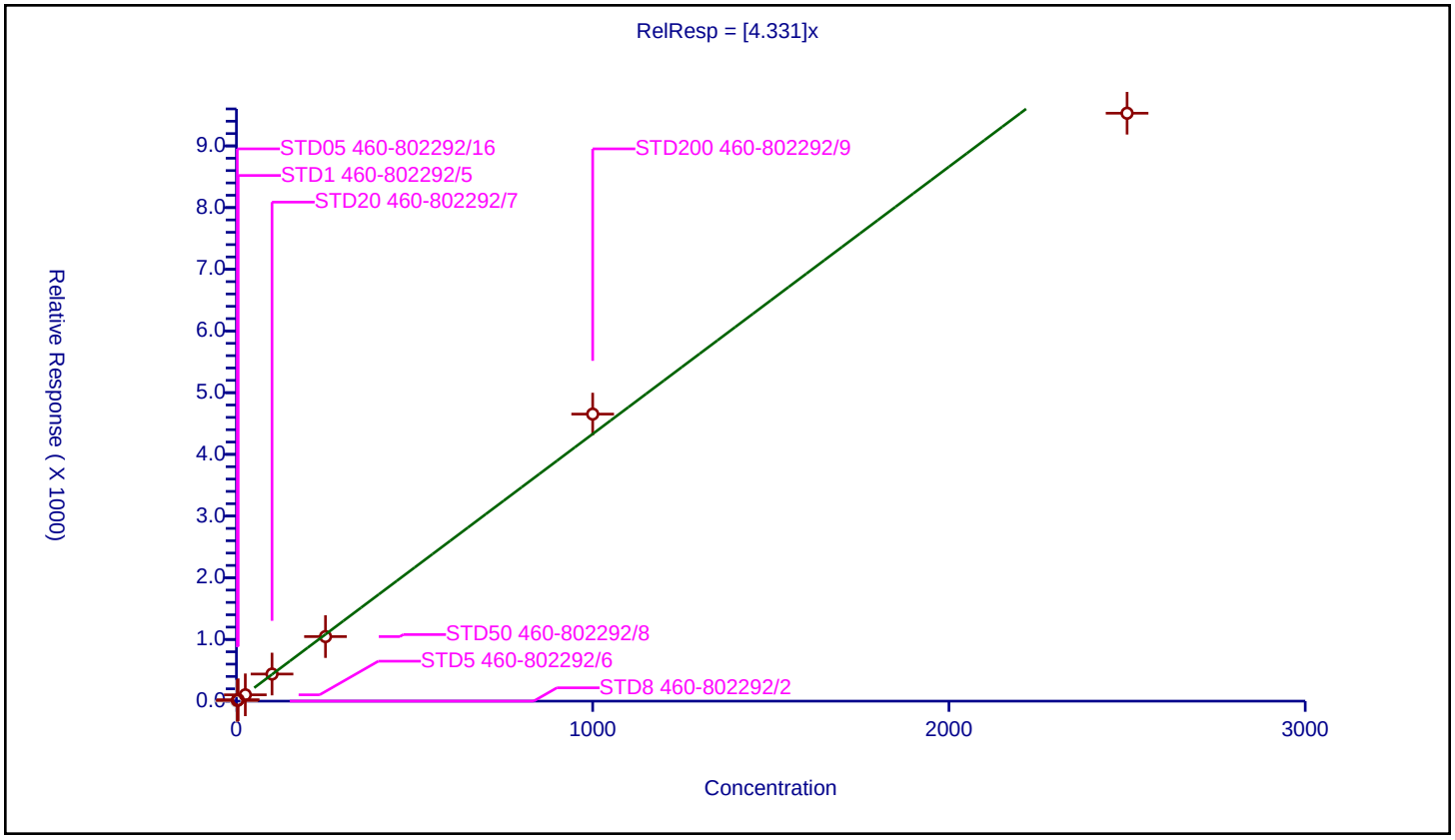
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.331 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 6550000 |
| **Relative Standard Error:** | 7.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 250.0 | 225877.0 | NaN | N |
| 2 | STD05 460-802292/16 | 2.5 | 11.518894 | 250.0 | 208158.0 | 4.607558 | Y |
| 3 | STD1 460-802292/5 | 5.0 | 22.856095 | 250.0 | 197770.0 | 4.571219 | Y |
| 4 | STD5 460-802292/6 | 25.0 | 102.346577 | 250.0 | 238198.0 | 4.093863 | Y |
| 5 | STD20 460-802292/7 | 100.0 | 439.342817 | 250.0 | 244361.0 | 4.393428 | Y |
| 6 | STD50 460-802292/8 | 250.0 | 1046.279511 | 250.0 | 280232.0 | 4.185118 | Y |
| 7 | STD200 460-802292/9 | 1000.0 | 4653.043495 | 250.0 | 310794.0 | 4.653043 | Y |
| 8 | STD500 460-802292/10 | 2500.0 | 9529.961194 | 250.0 | 391690.0 | 3.811984 | Y |



## Calibration / Toluene-d8 (Surr)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

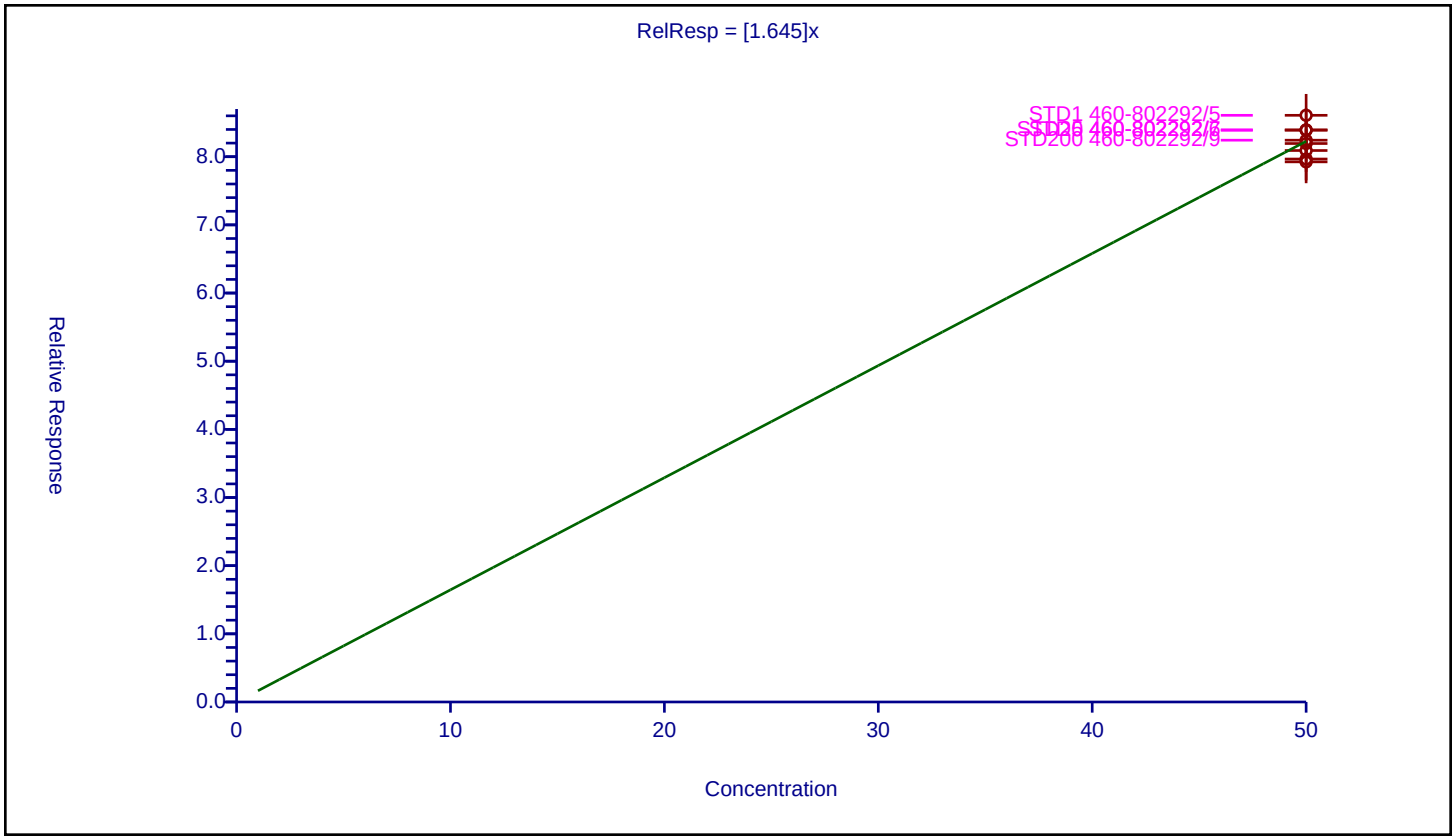
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.645 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 658000 |
| **Relative Standard Error:** | 2.8 |
| **Correlation Coefficient:** | 0 |
| **Coefficient of Determination (Adjusted):** | 0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 50.0 | 79.243766 | 50.0 | 380028.0 | 1.584875 | Y |
| 2 | STD1 460-802292/5 | 50.0 | 86.077744 | 50.0 | 311099.0 | 1.721555 | Y |
| 3 | STD5 460-802292/6 | 50.0 | 83.885095 | 50.0 | 331665.0 | 1.677702 | Y |
| 4 | STD20 460-802292/7 | 50.0 | 83.944979 | 50.0 | 353718.0 | 1.6789 | Y |
| 5 | STD50 460-802292/8 | 50.0 | 80.912702 | 50.0 | 383378.0 | 1.618254 | Y |
| 6 | STD200 460-802292/9 | 50.0 | 82.424952 | 50.0 | 418033.0 | 1.648499 | Y |
| 7 | STD500 460-802292/10 | 50.0 | 79.665615 | 50.0 | 472360.0 | 1.593312 | Y |
| 8 | STD05 460-802292/16 | 50.0 | 81.937084 | 50.0 | 328499.0 | 1.638742 | Y |



## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

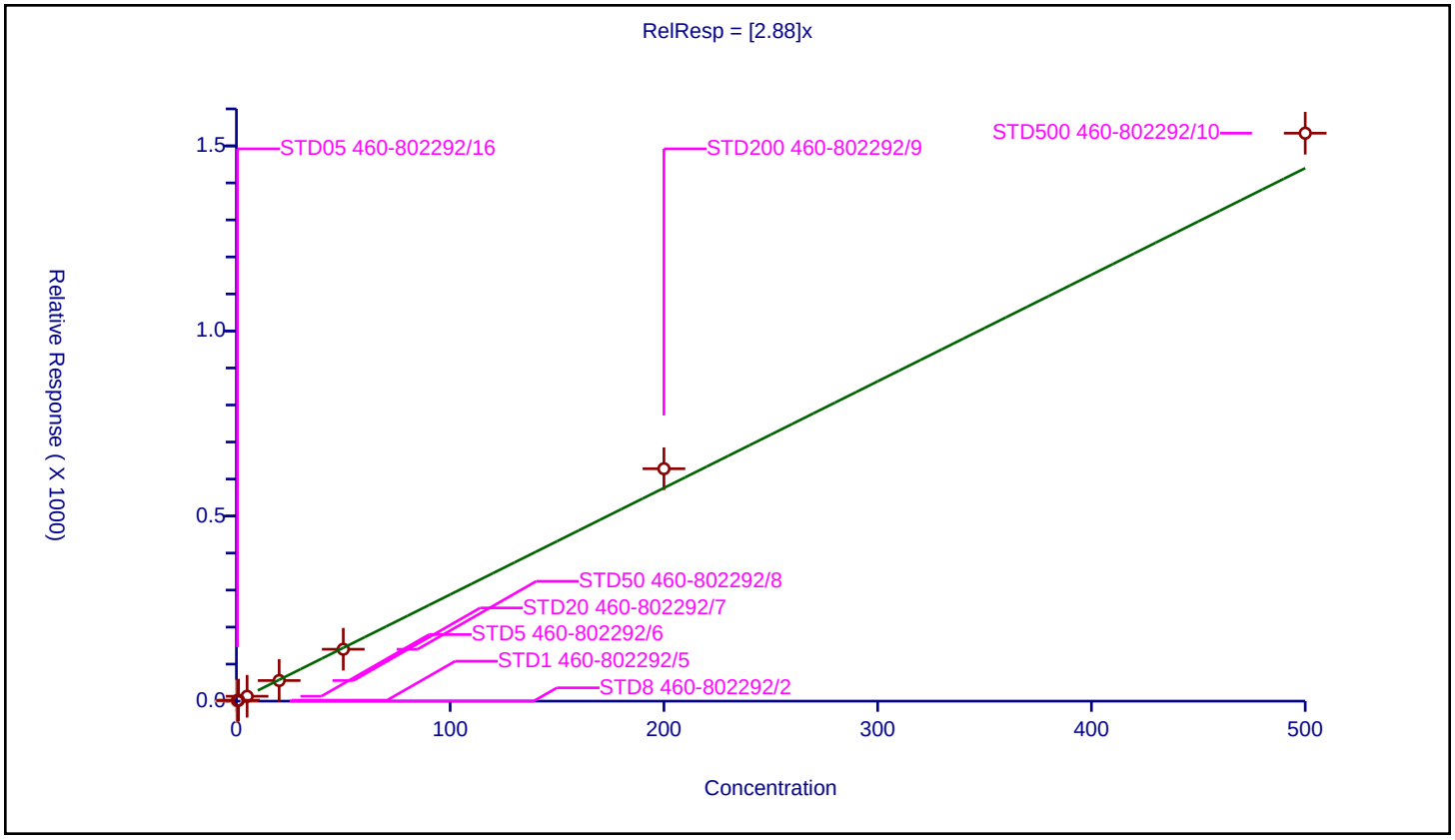
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.88 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 6310000 |
| **Relative Standard Error:** | 7.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.993 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.544297 | 50.0 | 328499.0 | 3.088594 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 2.64096 | 50.0 | 311099.0 | 2.64096 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 13.170518 | 50.0 | 331665.0 | 2.634104 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 55.671608 | 50.0 | 353718.0 | 2.78358 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 140.185665 | 50.0 | 383378.0 | 2.803713 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 627.888468 | 50.0 | 418033.0 | 3.139442 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1534.287937 | 50.0 | 472360.0 | 3.068576 | Y |



## Calibration / trans-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

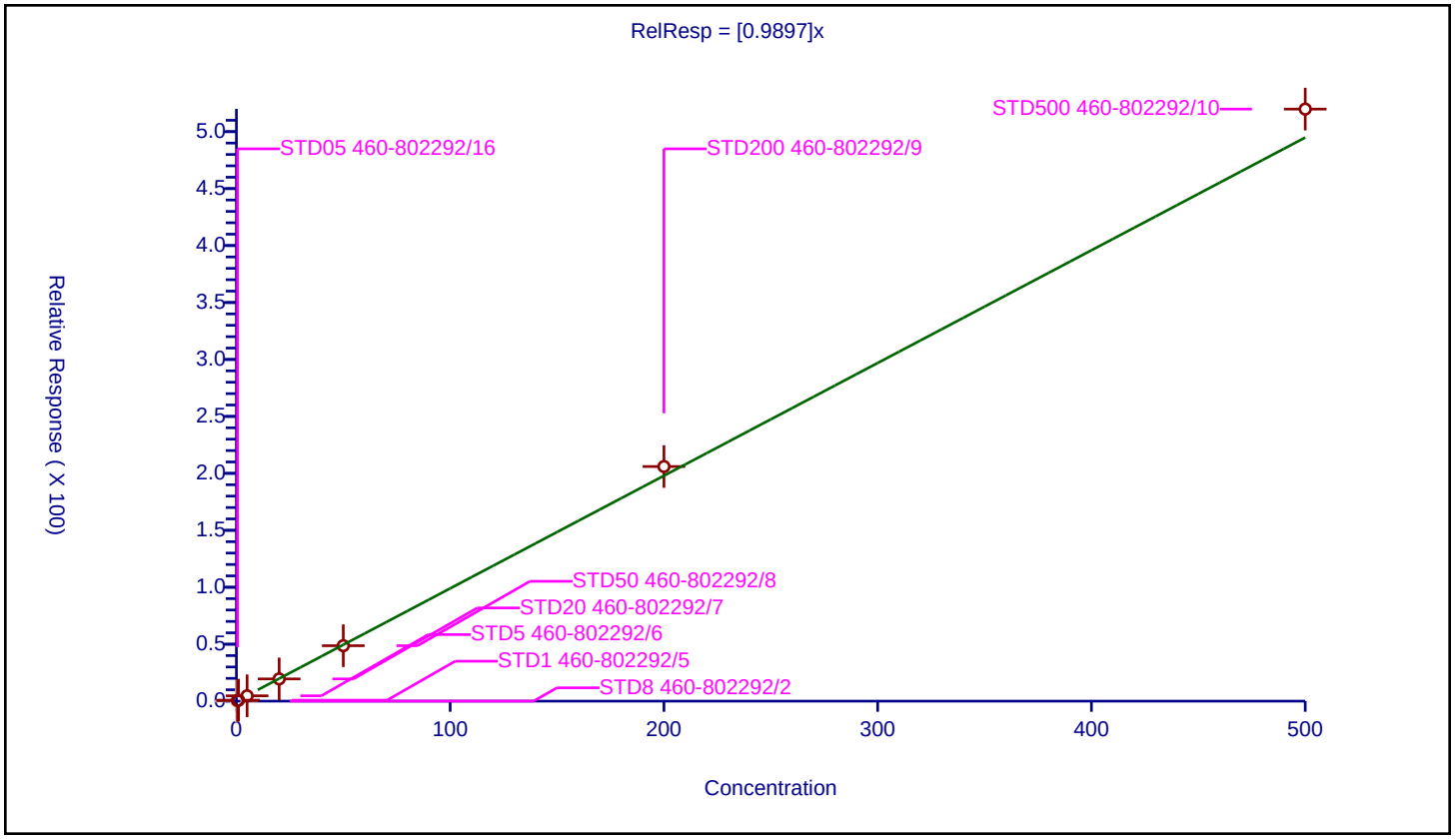
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9897 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2130000 |
| **Relative Standard Error:** | 8.1 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.554796 | 50.0 | 328499.0 | 1.109592 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.861462 | 50.0 | 311099.0 | 0.861462 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 4.68726 | 50.0 | 331665.0 | 0.937452 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 19.524734 | 50.0 | 353718.0 | 0.976237 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 48.671285 | 50.0 | 383378.0 | 0.973426 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 205.985652 | 50.0 | 418033.0 | 1.029928 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 519.807456 | 50.0 | 472360.0 | 1.039615 | Y |



## Calibration / Ethyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

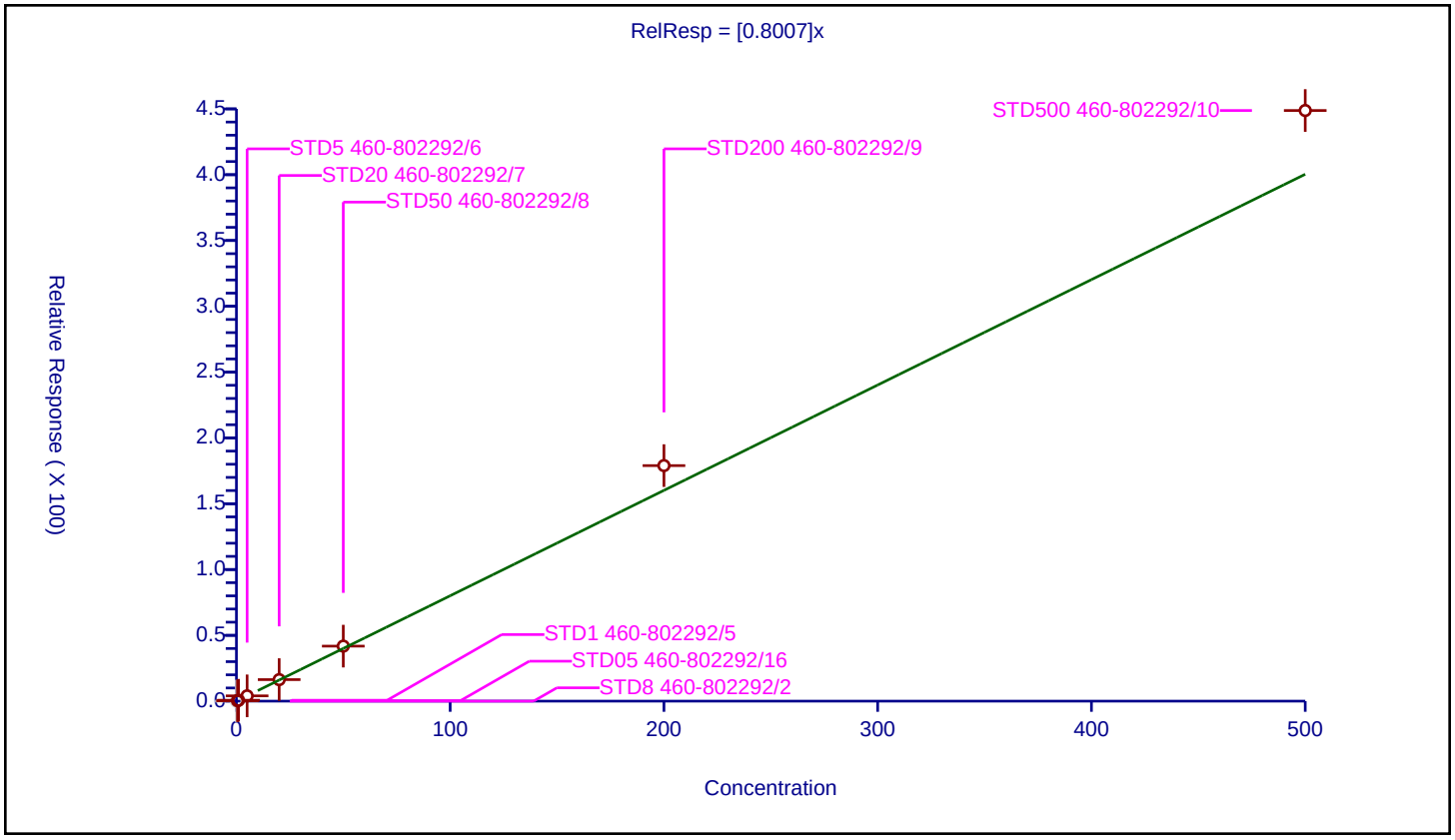
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8007 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1840000 |
| **Relative Standard Error:** | 11.4 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.339423 | 50.0 | 328499.0 | 0.678845 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.675991 | 50.0 | 311099.0 | 0.675991 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 4.019869 | 50.0 | 331665.0 | 0.803974 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 16.351302 | 50.0 | 353718.0 | 0.817565 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 41.799477 | 50.0 | 383378.0 | 0.83599 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 178.974268 | 50.0 | 418033.0 | 0.894871 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 448.75741 | 50.0 | 472360.0 | 0.897515 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

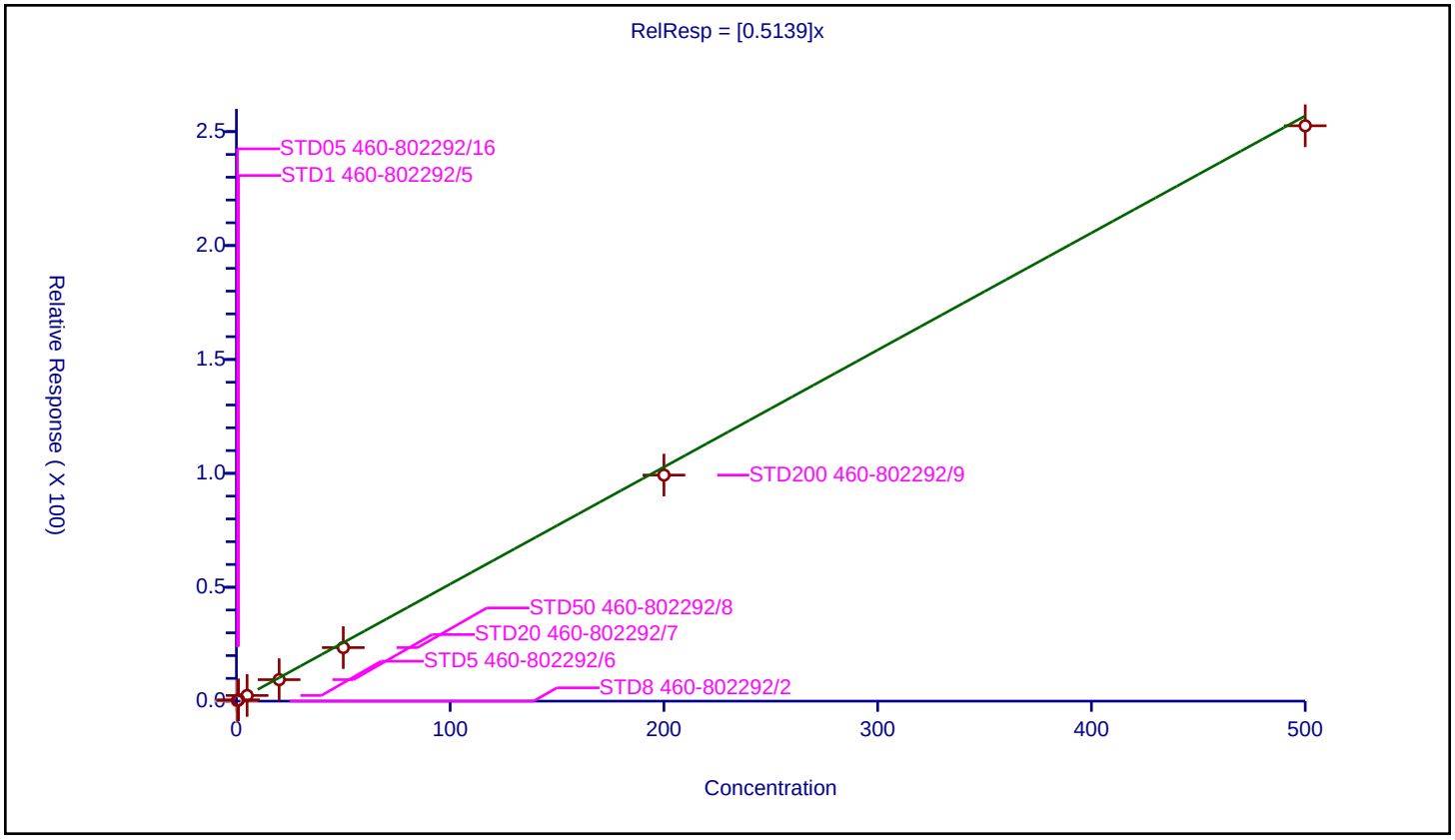
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5139 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1030000 |
| **Relative Standard Error:** | 9.0 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.989 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.291782 | 50.0 | 328499.0 | 0.583563 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.574415 | 50.0 | 311099.0 | 0.574415 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.481118 | 50.0 | 331665.0 | 0.496224 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 9.424174 | 50.0 | 353718.0 | 0.471209 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 23.508391 | 50.0 | 383378.0 | 0.470168 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 99.244438 | 50.0 | 418033.0 | 0.496222 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 252.580976 | 50.0 | 472360.0 | 0.505162 | Y |



## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

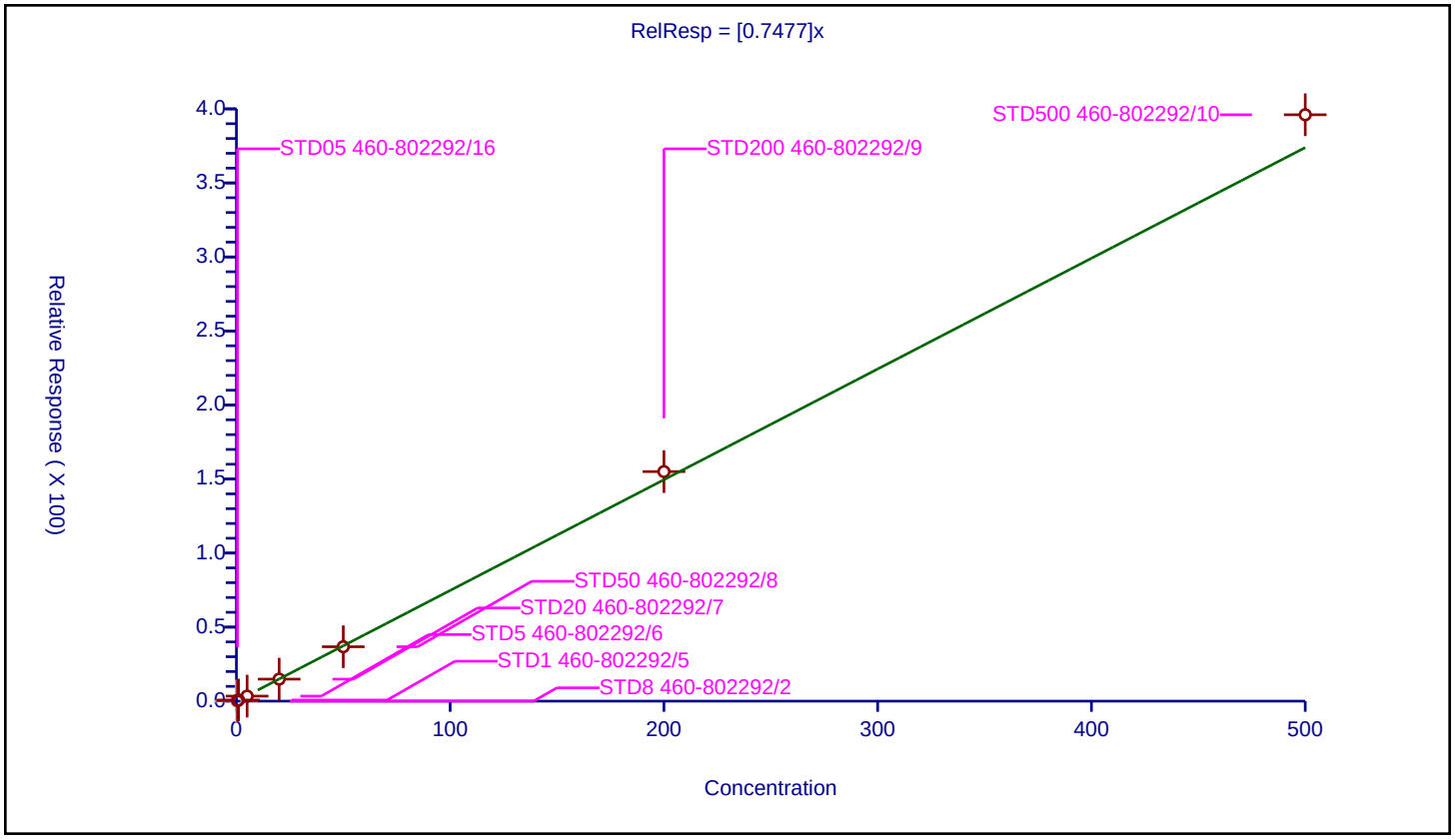
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7477 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1620000 |
| **Relative Standard Error:** | 4.8 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.384172 | 50.0 | 328499.0 | 0.768343 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.739154 | 50.0 | 311099.0 | 0.739154 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.405092 | 50.0 | 331665.0 | 0.681018 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 14.8682 | 50.0 | 353718.0 | 0.74341 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 36.748588 | 50.0 | 383378.0 | 0.734972 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 155.037999 | 50.0 | 418033.0 | 0.77519 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 396.033428 | 50.0 | 472360.0 | 0.792067 | Y |



## Calibration / 1,3-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

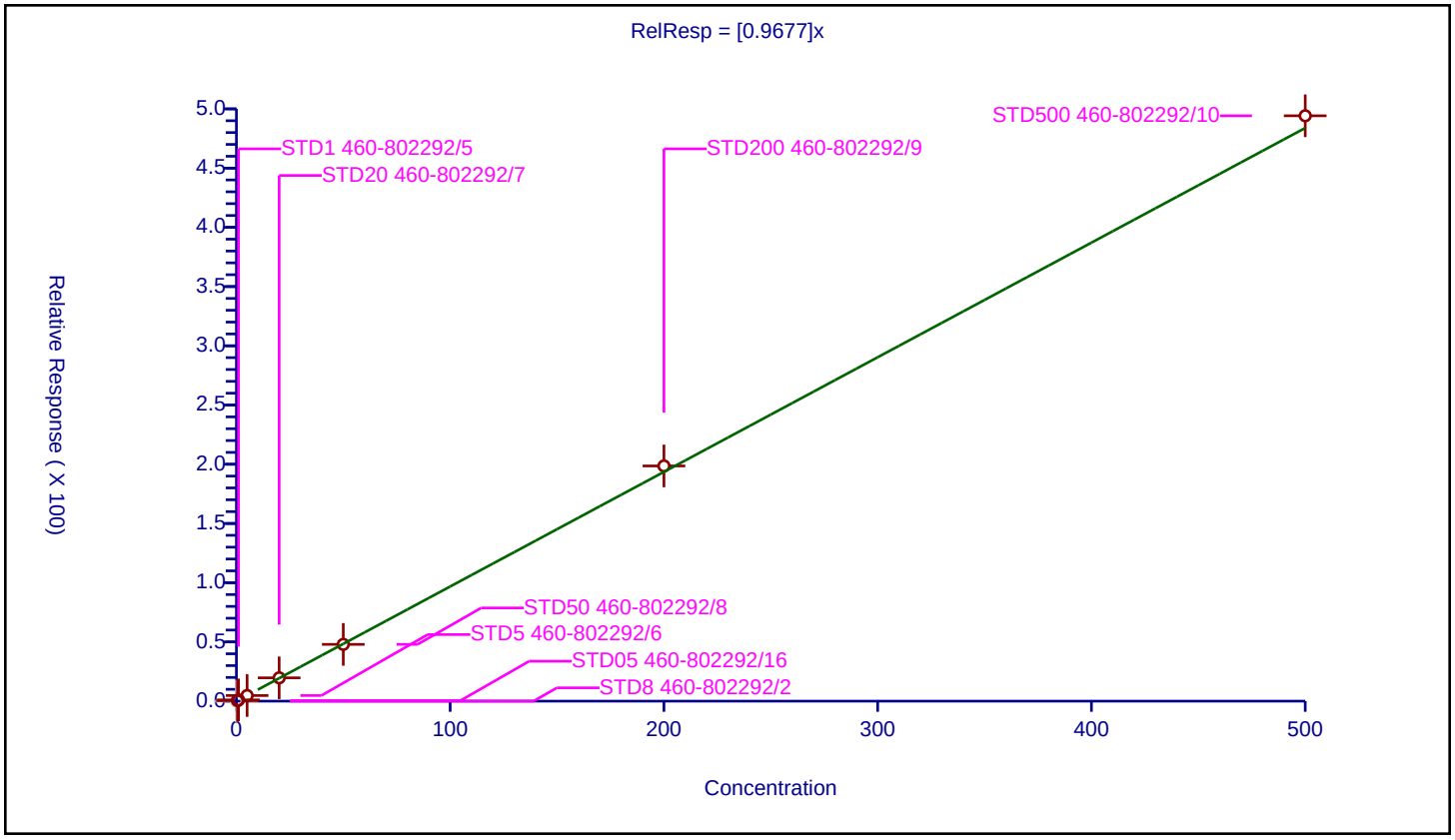
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9677 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2030000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.431052 | 50.0 | 328499.0 | 0.862103 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.03954 | 50.0 | 311099.0 | 1.03954 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 4.742587 | 50.0 | 331665.0 | 0.948517 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 19.678247 | 50.0 | 353718.0 | 0.983912 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 47.934284 | 50.0 | 383378.0 | 0.958686 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 198.56686 | 50.0 | 418033.0 | 0.992834 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 494.170548 | 50.0 | 472360.0 | 0.988341 | Y |



## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

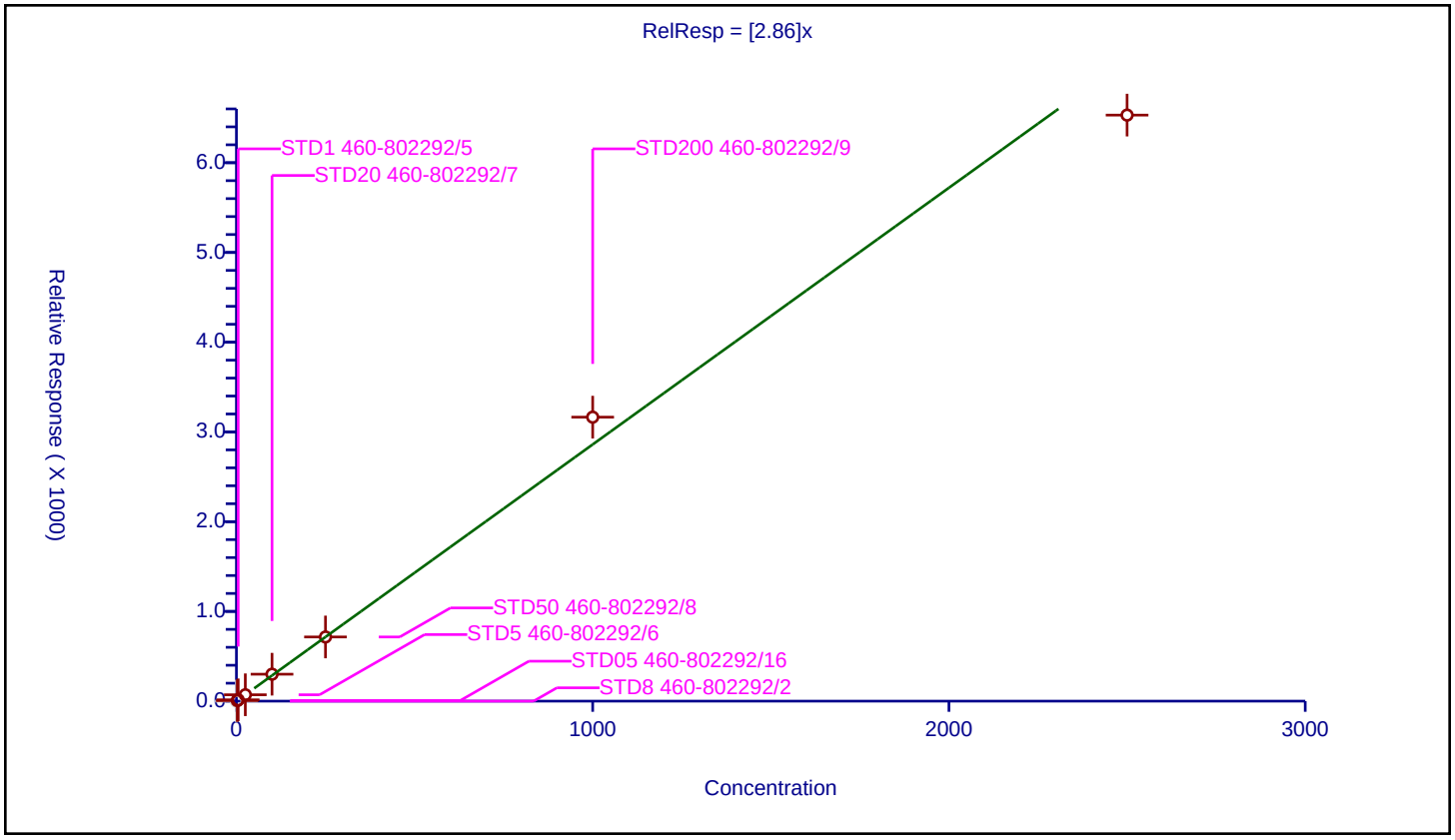
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.86 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4490000 |
| **Relative Standard Error:** | 7.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 250.0 | 225877.0 | NaN | N |
| 2 | STD05 460-802292/16 | 2.5 | 6.491463 | 250.0 | 208158.0 | 2.596585 | Y |
| 3 | STD1 460-802292/5 | 5.0 | 14.724175 | 250.0 | 197770.0 | 2.944835 | Y |
| 4 | STD5 460-802292/6 | 25.0 | 71.034392 | 250.0 | 238198.0 | 2.841376 | Y |
| 5 | STD20 460-802292/7 | 100.0 | 300.253518 | 250.0 | 244361.0 | 3.002535 | Y |
| 6 | STD50 460-802292/8 | 250.0 | 715.051279 | 250.0 | 280232.0 | 2.860205 | Y |
| 7 | STD200 460-802292/9 | 1000.0 | 3164.739345 | 250.0 | 310794.0 | 3.164739 | Y |
| 8 | STD500 460-802292/10 | 2500.0 | 6530.76221 | 250.0 | 391690.0 | 2.612305 | Y |



## Calibration / n-Butyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

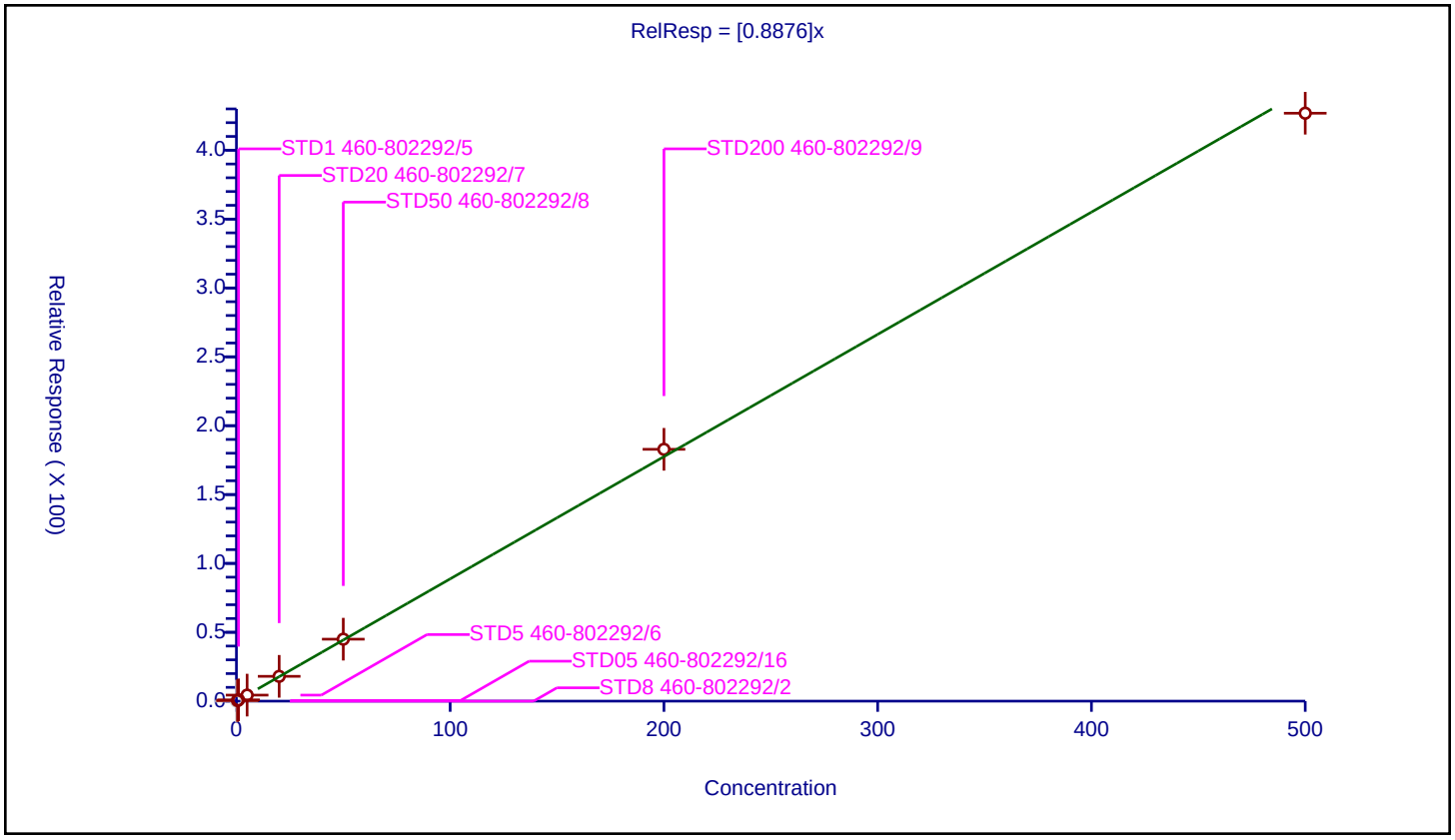
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8876 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1770000 |
| **Relative Standard Error:** | 3.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.999 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.422376 | 50.0 | 328499.0 | 0.844751 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.924625 | 50.0 | 311099.0 | 0.924625 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 4.37957 | 50.0 | 331665.0 | 0.875914 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 18.004031 | 50.0 | 353718.0 | 0.900202 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 44.990453 | 50.0 | 383378.0 | 0.899809 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 182.850636 | 50.0 | 418033.0 | 0.914253 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 426.873042 | 50.0 | 472360.0 | 0.853746 | Y |



## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

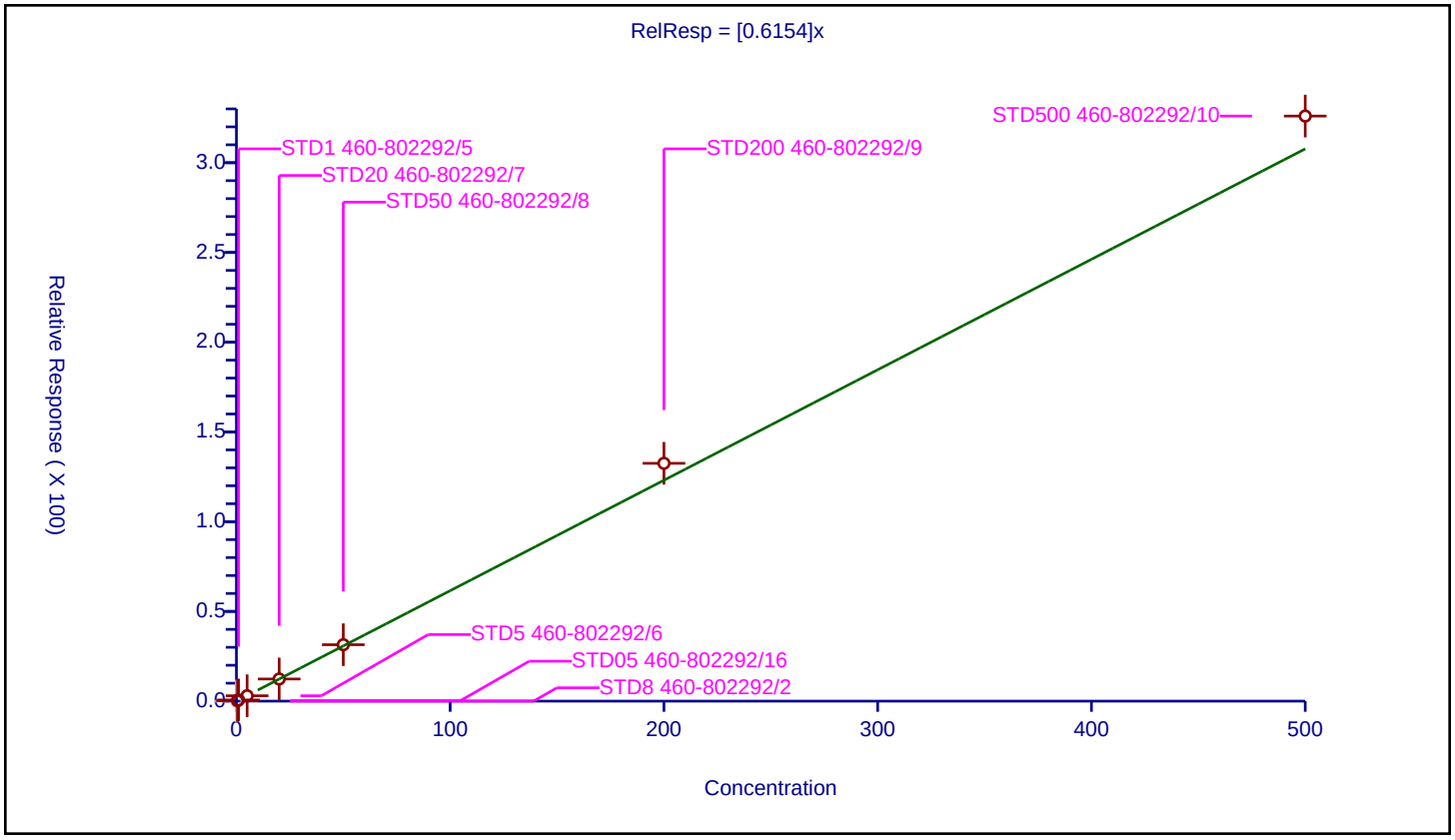
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6154 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1340000 |
| **Relative Standard Error:** | 8.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.253425 | 50.0 | 328499.0 | 0.506851 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.642882 | 50.0 | 311099.0 | 0.642882 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.989462 | 50.0 | 331665.0 | 0.597892 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 12.343166 | 50.0 | 353718.0 | 0.617158 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 31.435294 | 50.0 | 383378.0 | 0.628706 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 132.523987 | 50.0 | 418033.0 | 0.66262 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 326.0094 | 50.0 | 472360.0 | 0.652019 | Y |



## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

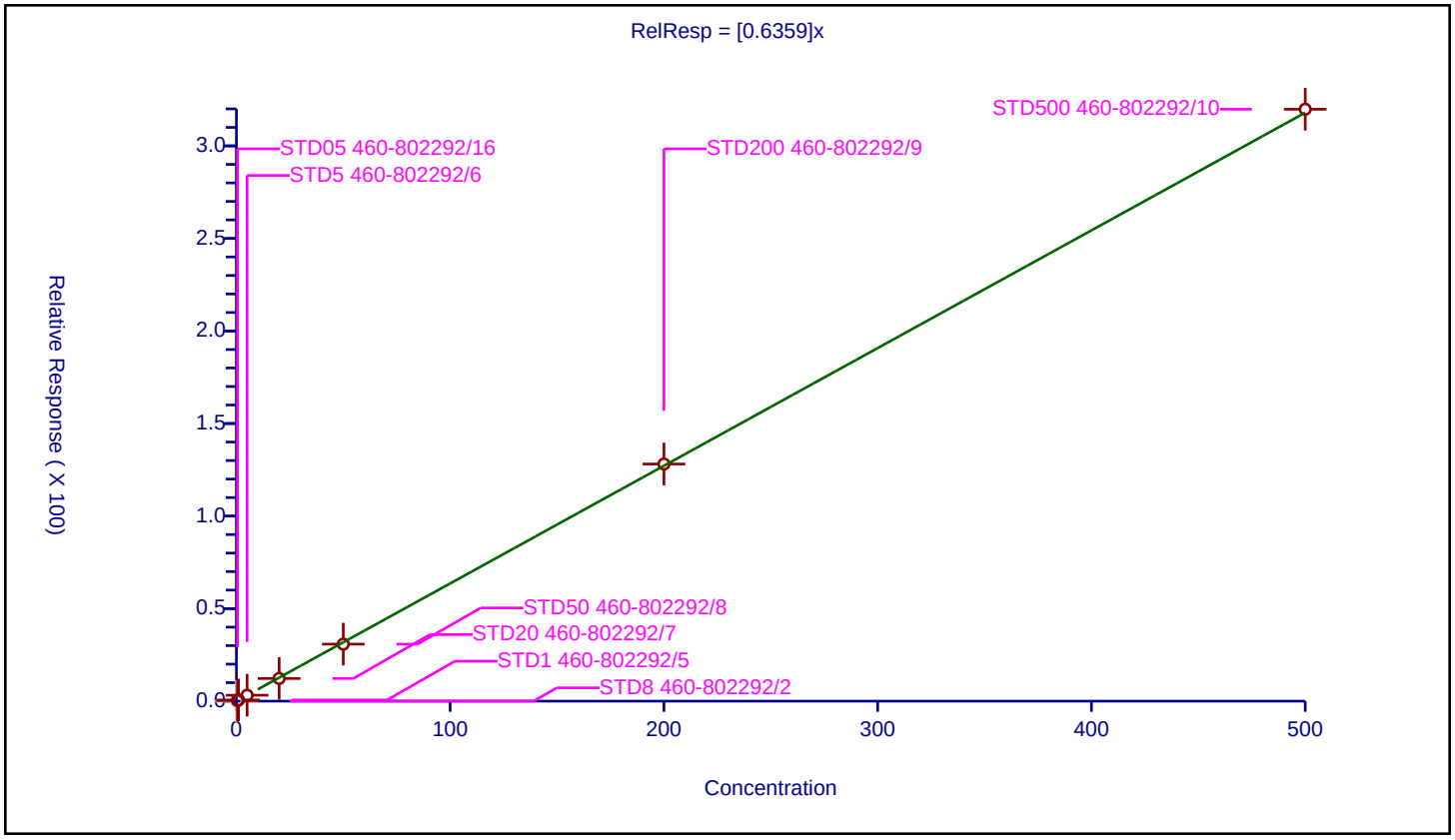
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6359 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1310000 |
| **Relative Standard Error:** | 3.8 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.341706 | 50.0 | 328499.0 | 0.683412 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.620863 | 50.0 | 311099.0 | 0.620863 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.189966 | 50.0 | 331665.0 | 0.637993 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 12.254395 | 50.0 | 353718.0 | 0.61272 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 30.808106 | 50.0 | 383378.0 | 0.616162 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 128.118354 | 50.0 | 418033.0 | 0.640592 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 319.797718 | 50.0 | 472360.0 | 0.639595 | Y |



## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

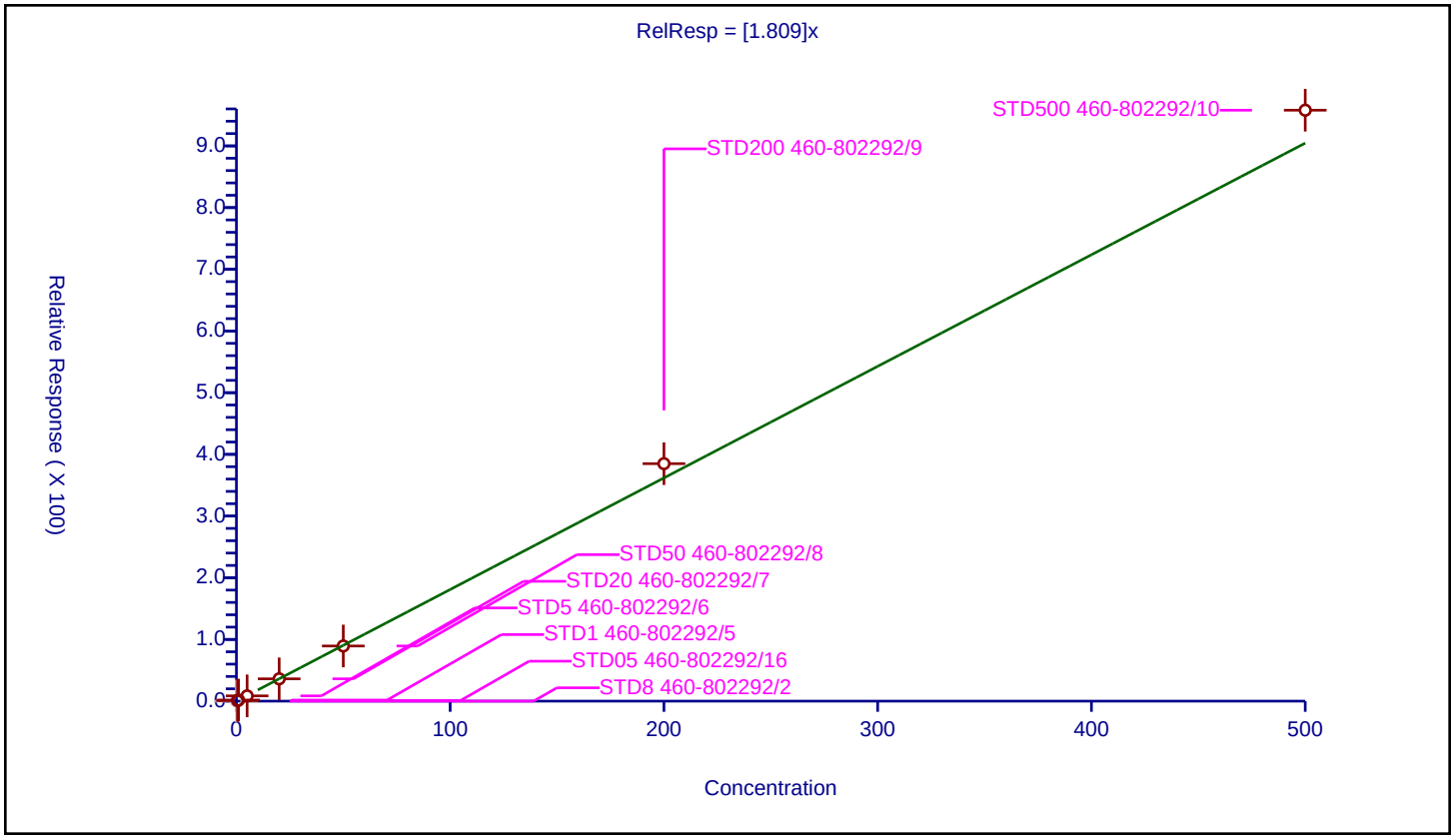
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.809 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3930000 |
| **Relative Standard Error:** | 4.6 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.885086 | 50.0 | 328499.0 | 1.770173 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.751693 | 50.0 | 311099.0 | 1.751693 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 8.523661 | 50.0 | 331665.0 | 1.704732 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 36.16624 | 50.0 | 353718.0 | 1.808312 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 89.383976 | 50.0 | 383378.0 | 1.78768 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 384.9598 | 50.0 | 418033.0 | 1.924799 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 957.880324 | 50.0 | 472360.0 | 1.915761 | Y |



## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

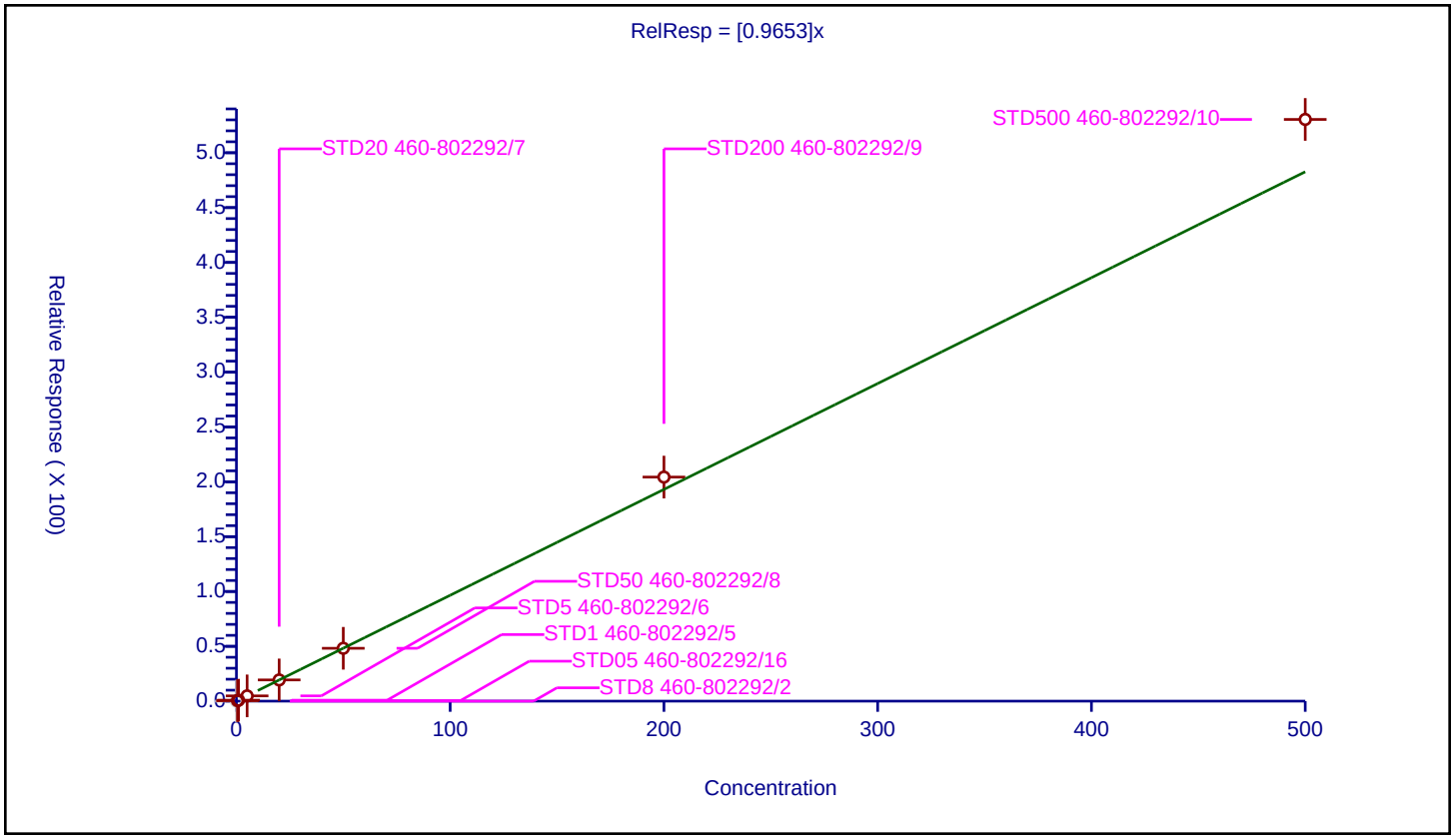
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9653 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2170000 |
| **Relative Standard Error:** | 6.5 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.458449 | 50.0 | 328499.0 | 0.916898 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.869016 | 50.0 | 311099.0 | 0.869016 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 4.793089 | 50.0 | 331665.0 | 0.958618 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 19.330512 | 50.0 | 353718.0 | 0.966526 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 48.189907 | 50.0 | 383378.0 | 0.963798 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 204.285786 | 50.0 | 418033.0 | 1.021429 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 530.388051 | 50.0 | 472360.0 | 1.060776 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

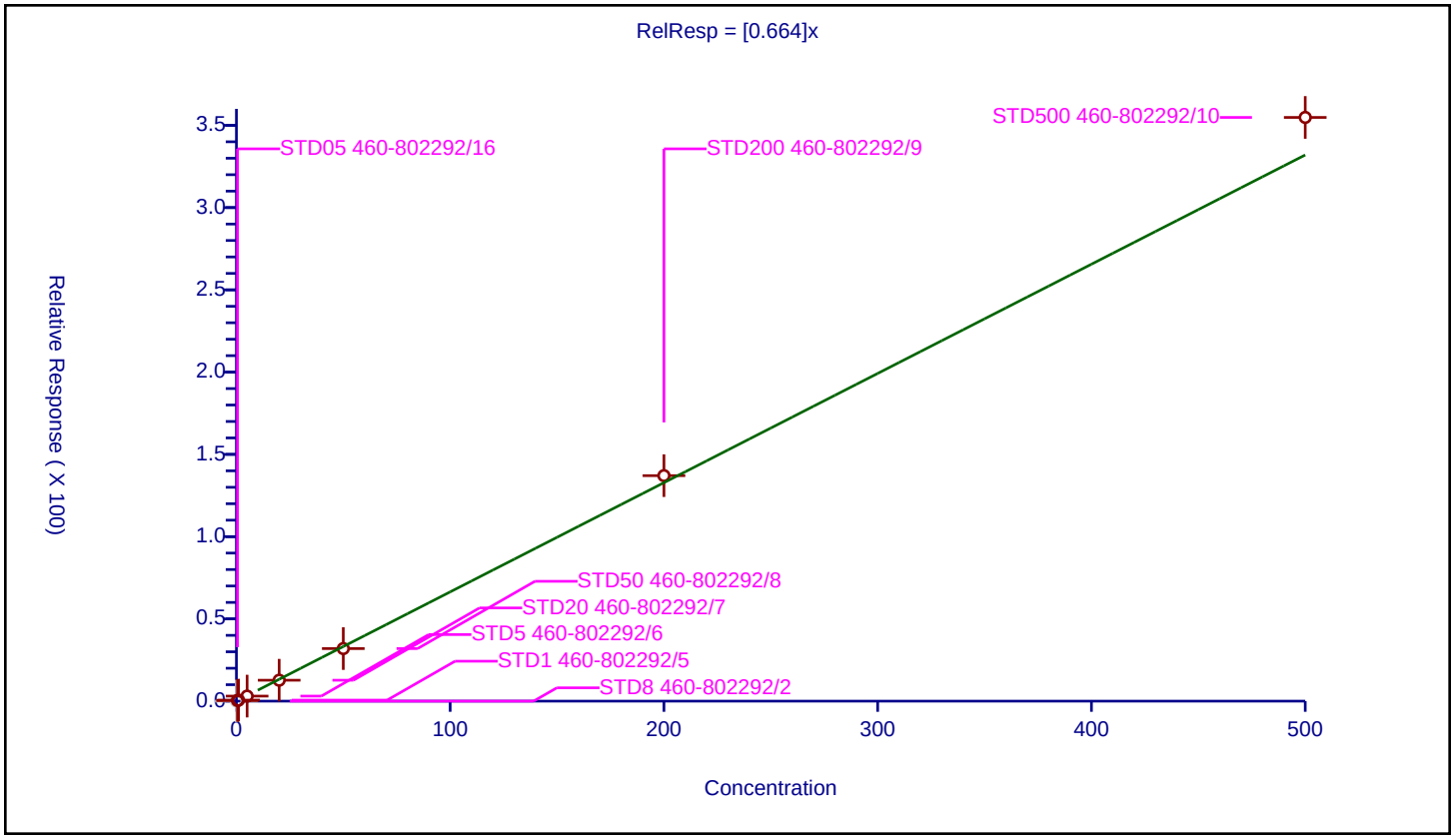
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.664 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1450000 |
| **Relative Standard Error:** | 7.7 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.373365 | 50.0 | 328499.0 | 0.74673 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.618935 | 50.0 | 311099.0 | 0.618935 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.060618 | 50.0 | 331665.0 | 0.612124 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 12.723412 | 50.0 | 353718.0 | 0.636171 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 31.947321 | 50.0 | 383378.0 | 0.638946 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 137.076379 | 50.0 | 418033.0 | 0.685382 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 354.806927 | 50.0 | 472360.0 | 0.709614 | Y |



## Calibration / m-Xylene & p-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

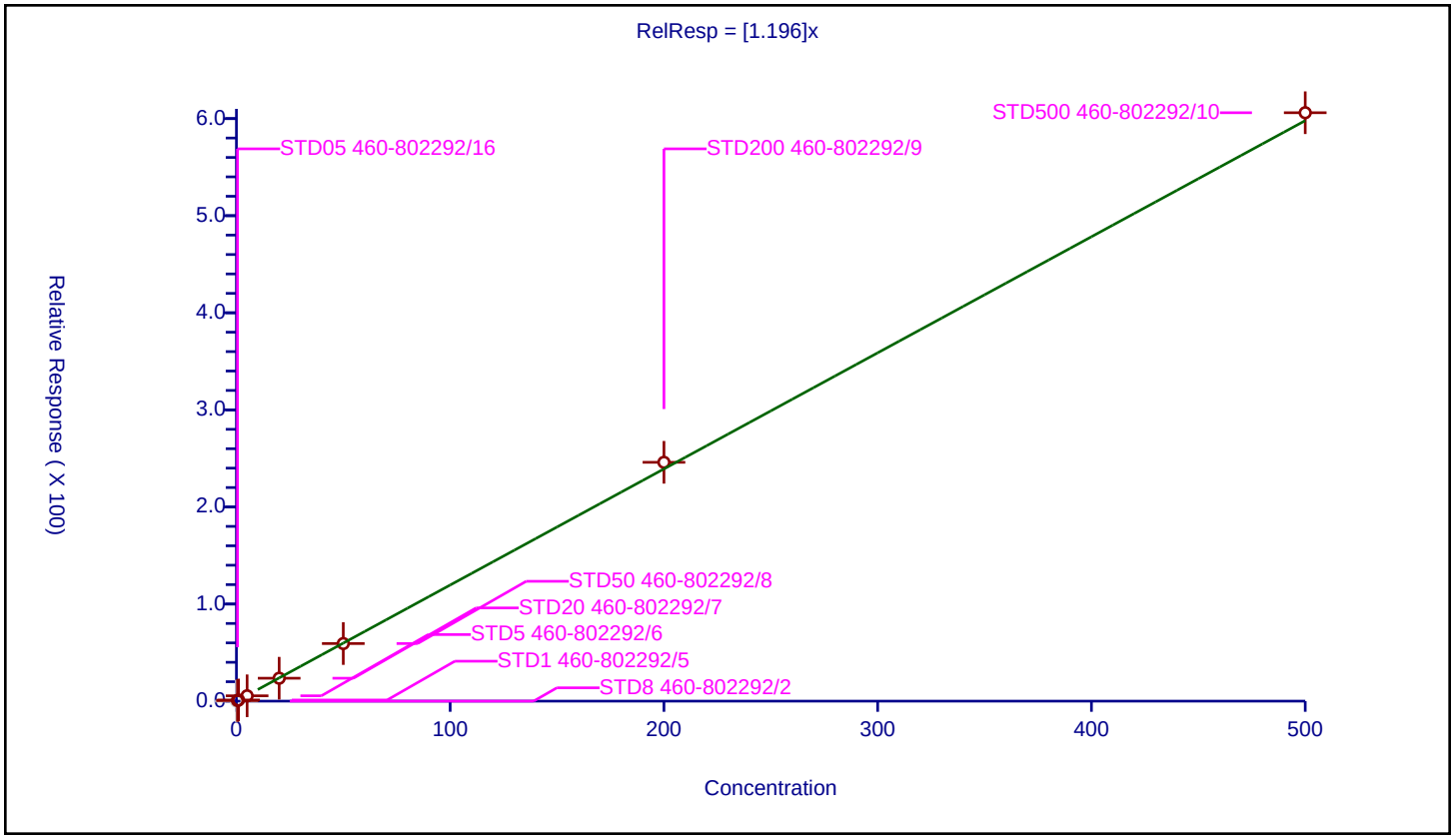
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.196 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2490000 |
| **Relative Standard Error:** | 4.8 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.997 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.643077 | 50.0 | 328499.0 | 1.286153 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.176796 | 50.0 | 311099.0 | 1.176796 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 5.492138 | 50.0 | 331665.0 | 1.098428 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 23.614574 | 50.0 | 353718.0 | 1.180729 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 59.316523 | 50.0 | 383378.0 | 1.18633 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 246.005818 | 50.0 | 418033.0 | 1.230029 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 606.050258 | 50.0 | 472360.0 | 1.212101 | Y |



## Calibration / n-Butyl acrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

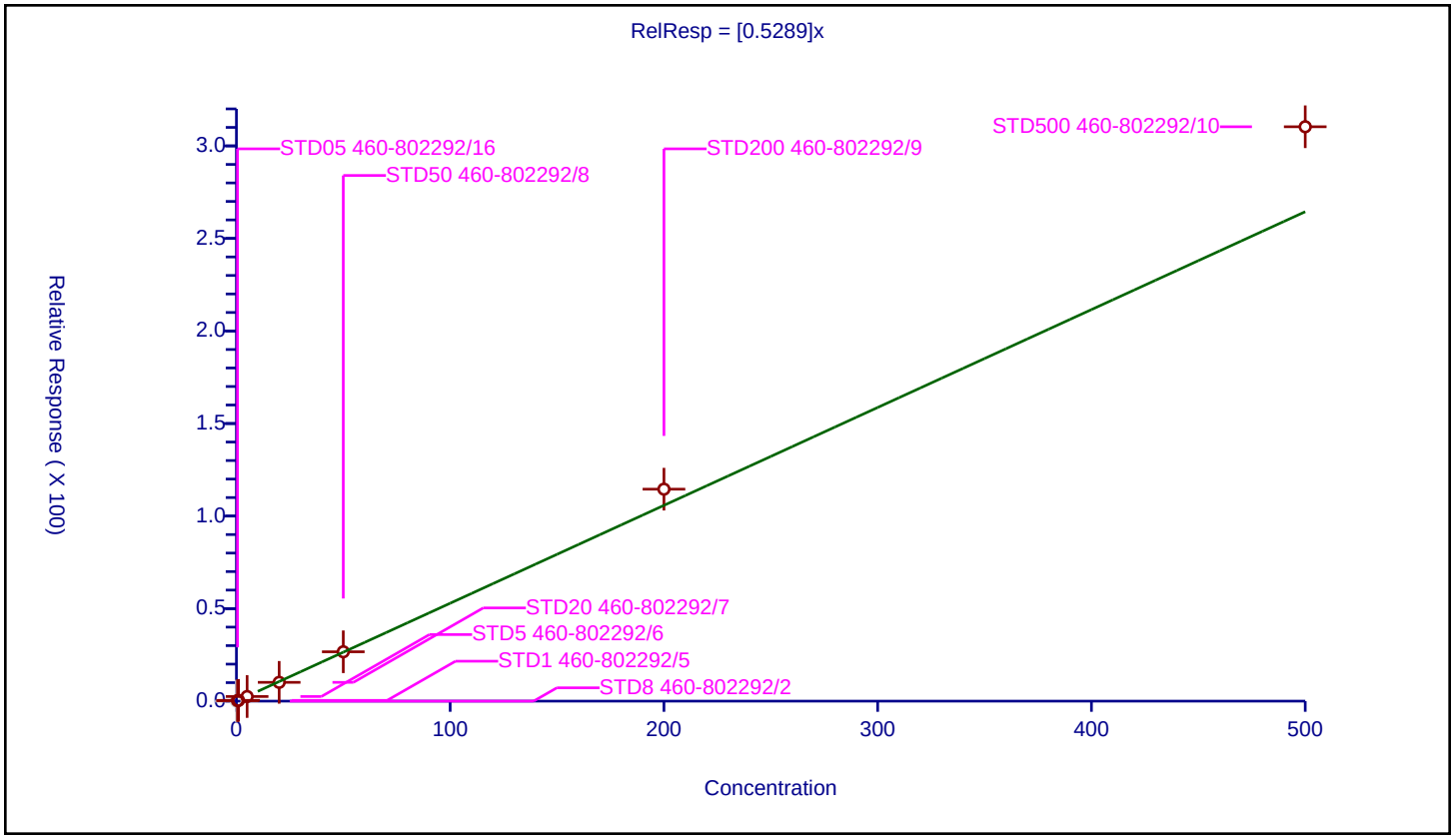
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5289 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1260000 |
| **Relative Standard Error:** | 12.7 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.981 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.279453 | 50.0 | 328499.0 | 0.558906 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.409195 | 50.0 | 311099.0 | 0.409195 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.498756 | 50.0 | 331665.0 | 0.499751 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 10.152014 | 50.0 | 353718.0 | 0.507601 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 26.671327 | 50.0 | 383378.0 | 0.533427 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 114.530312 | 50.0 | 418033.0 | 0.572652 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 310.338936 | 50.0 | 472360.0 | 0.620678 | Y |



## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

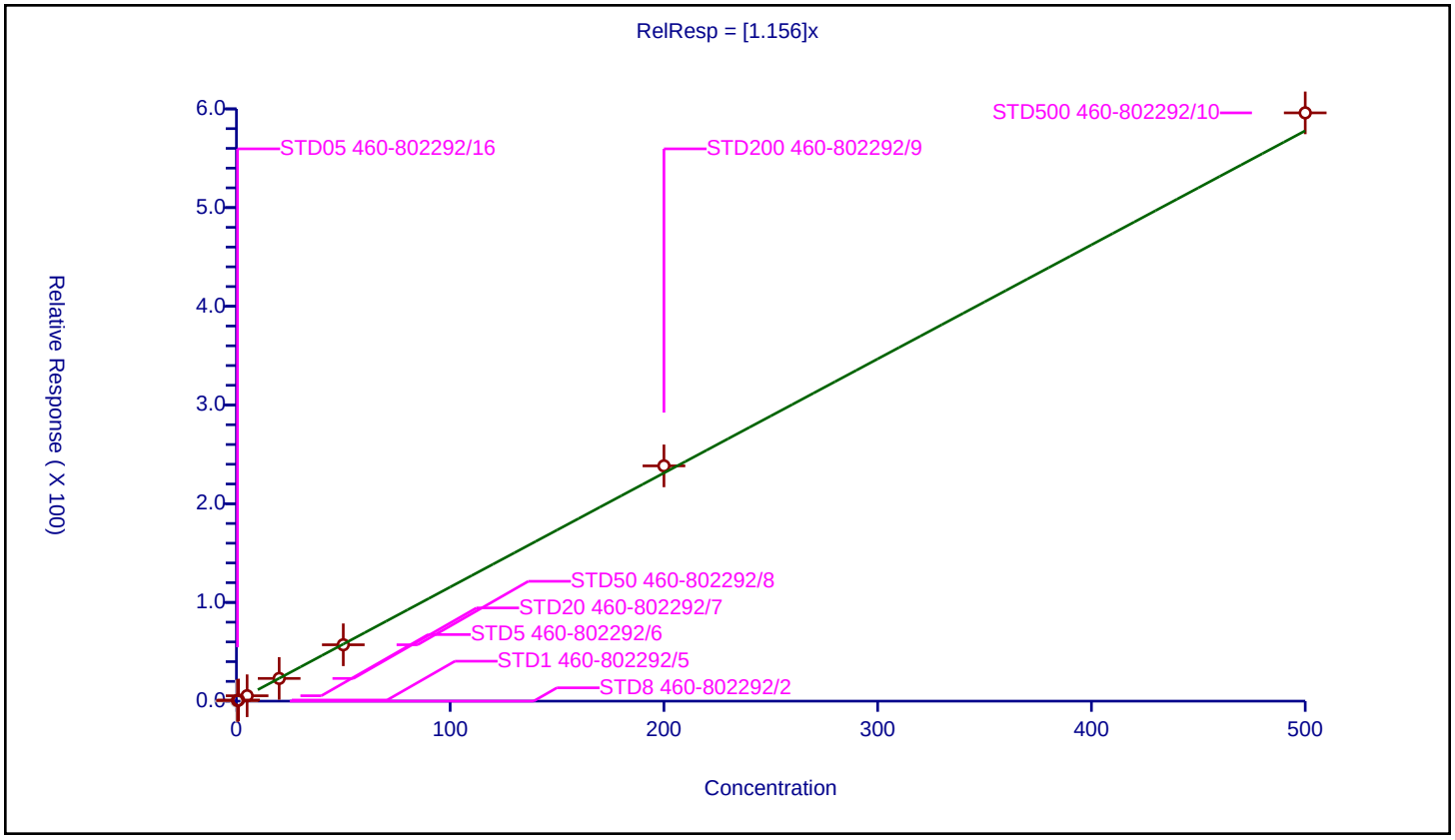
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.156 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2450000 |
| **Relative Standard Error:** | 3.9 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.998 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.606699 | 50.0 | 328499.0 | 1.213398 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.107525 | 50.0 | 311099.0 | 1.107525 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 5.462892 | 50.0 | 331665.0 | 1.092578 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 23.003636 | 50.0 | 353718.0 | 1.150182 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 57.116997 | 50.0 | 383378.0 | 1.14234 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 238.359053 | 50.0 | 418033.0 | 1.191795 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 595.976162 | 50.0 | 472360.0 | 1.191952 | Y |



## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

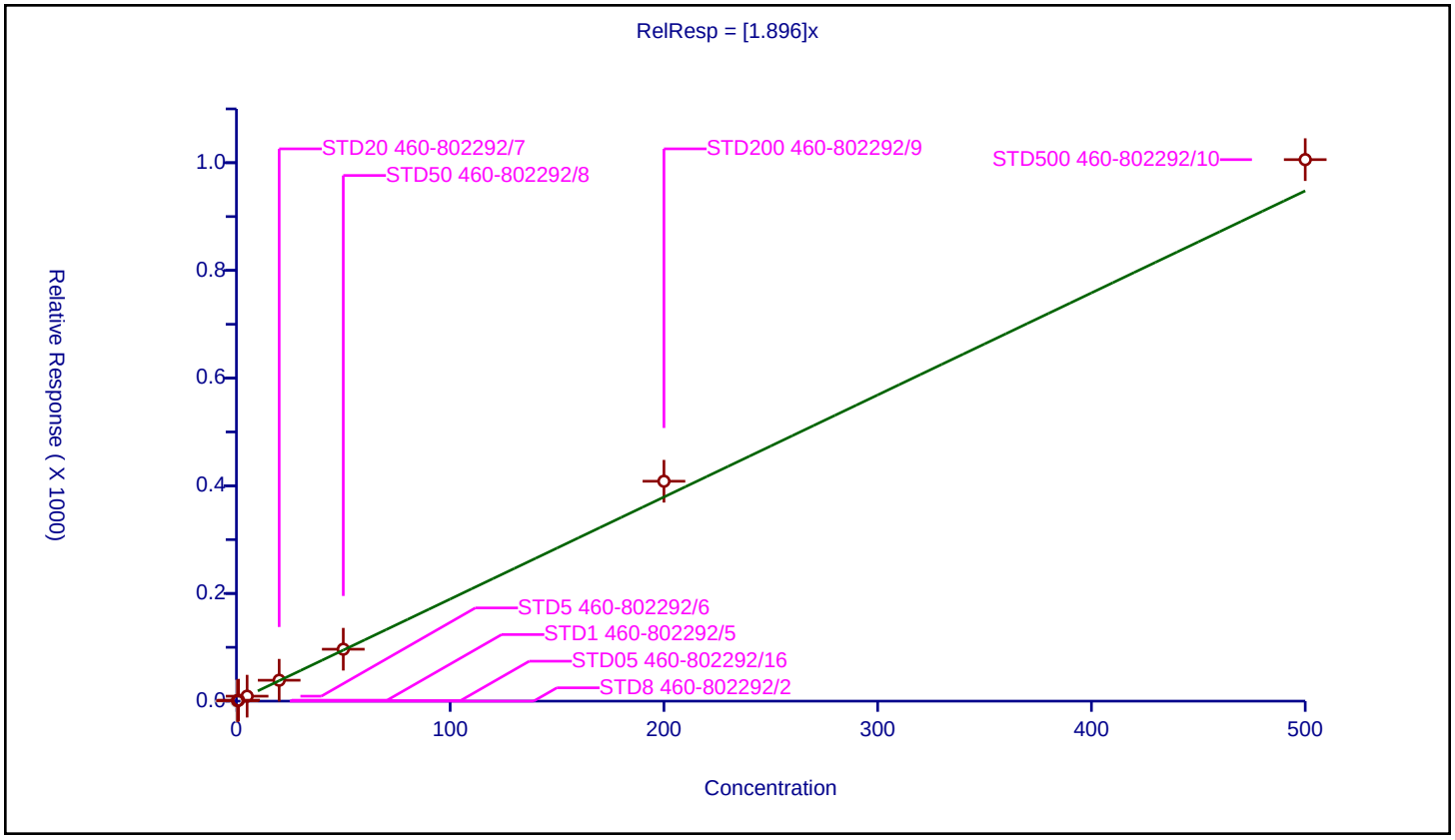
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.896 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4130000 |
| **Relative Standard Error:** | 6.2 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.885239 | 50.0 | 328499.0 | 1.770477 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.732085 | 50.0 | 311099.0 | 1.732085 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 9.220298 | 50.0 | 331665.0 | 1.84406 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 38.80662 | 50.0 | 353718.0 | 1.940331 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 96.4222 | 50.0 | 383378.0 | 1.928444 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 408.45316 | 50.0 | 418033.0 | 2.042266 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1005.741278 | 50.0 | 472360.0 | 2.011483 | Y |



## Calibration / Amyl acetate (mixed isomers)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

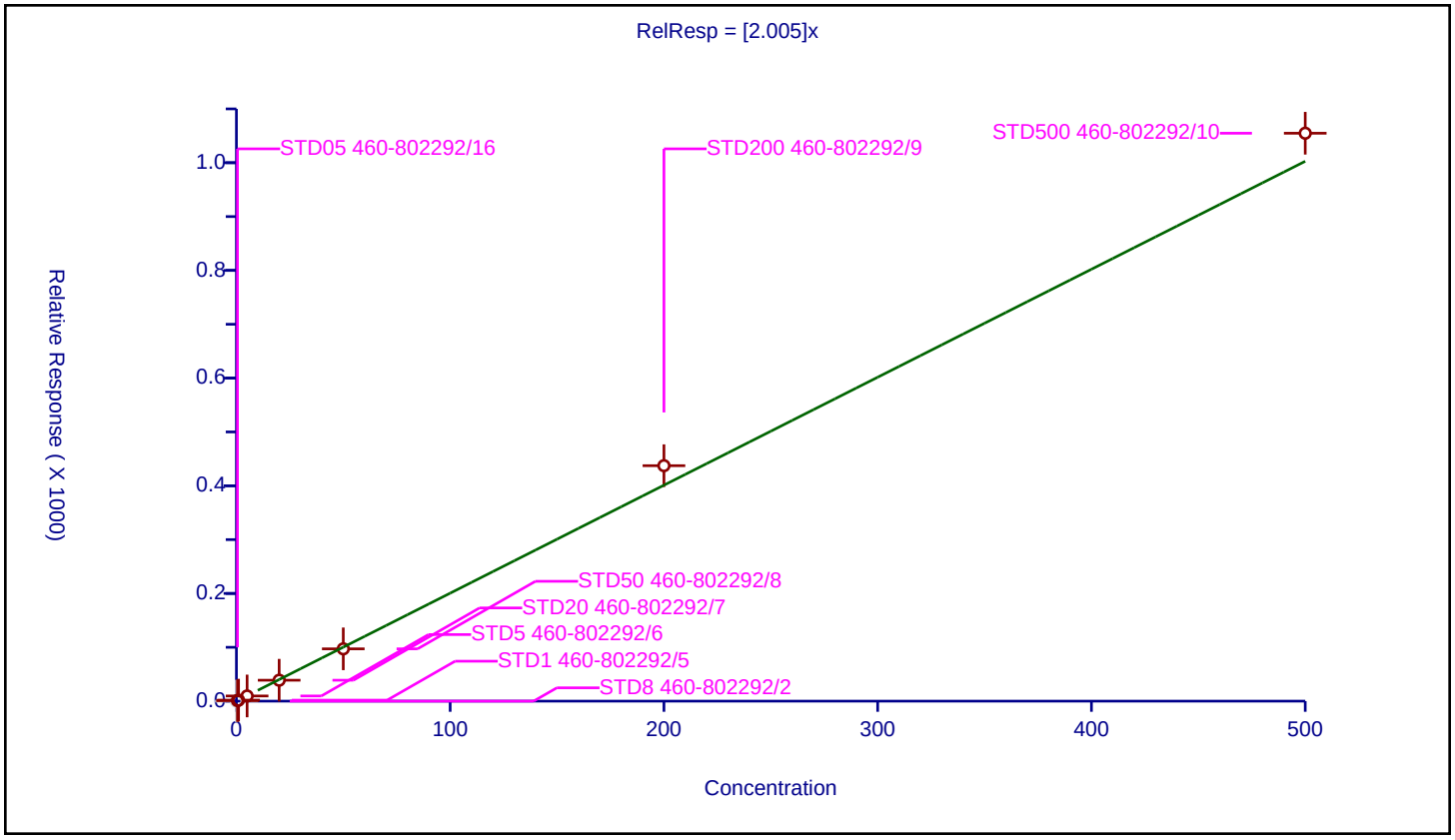
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.005 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2050000 |
| **Relative Standard Error:** | 5.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.034908 | 50.0 | 158758.0 | 2.069817 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.859378 | 50.0 | 154514.0 | 1.859378 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 9.634258 | 50.0 | 168835.0 | 1.926852 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 38.860493 | 50.0 | 180192.0 | 1.943025 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 97.115717 | 50.0 | 199703.0 | 1.942314 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 437.325887 | 50.0 | 195347.0 | 2.186629 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1054.7802 | 50.0 | 222930.0 | 2.10956 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

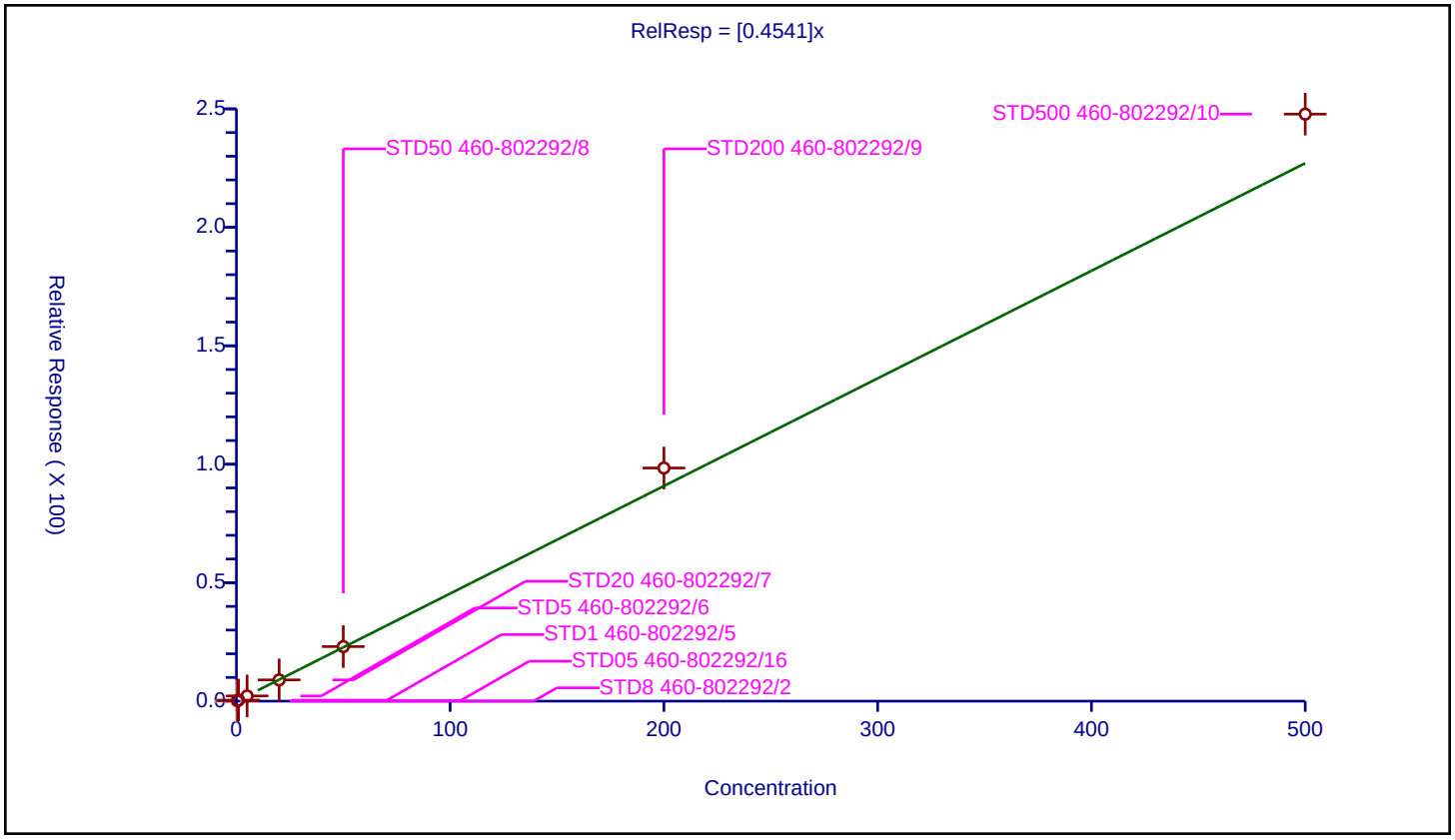
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4541 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1020000 |
| **Relative Standard Error:** | 6.7 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.995 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.211264 | 50.0 | 328499.0 | 0.422528 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.419802 | 50.0 | 311099.0 | 0.419802 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.20177 | 50.0 | 331665.0 | 0.440354 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 8.960669 | 50.0 | 353718.0 | 0.448033 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 23.03236 | 50.0 | 383378.0 | 0.460647 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 98.40826 | 50.0 | 418033.0 | 0.492041 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 247.780401 | 50.0 | 472360.0 | 0.495561 | Y |



## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

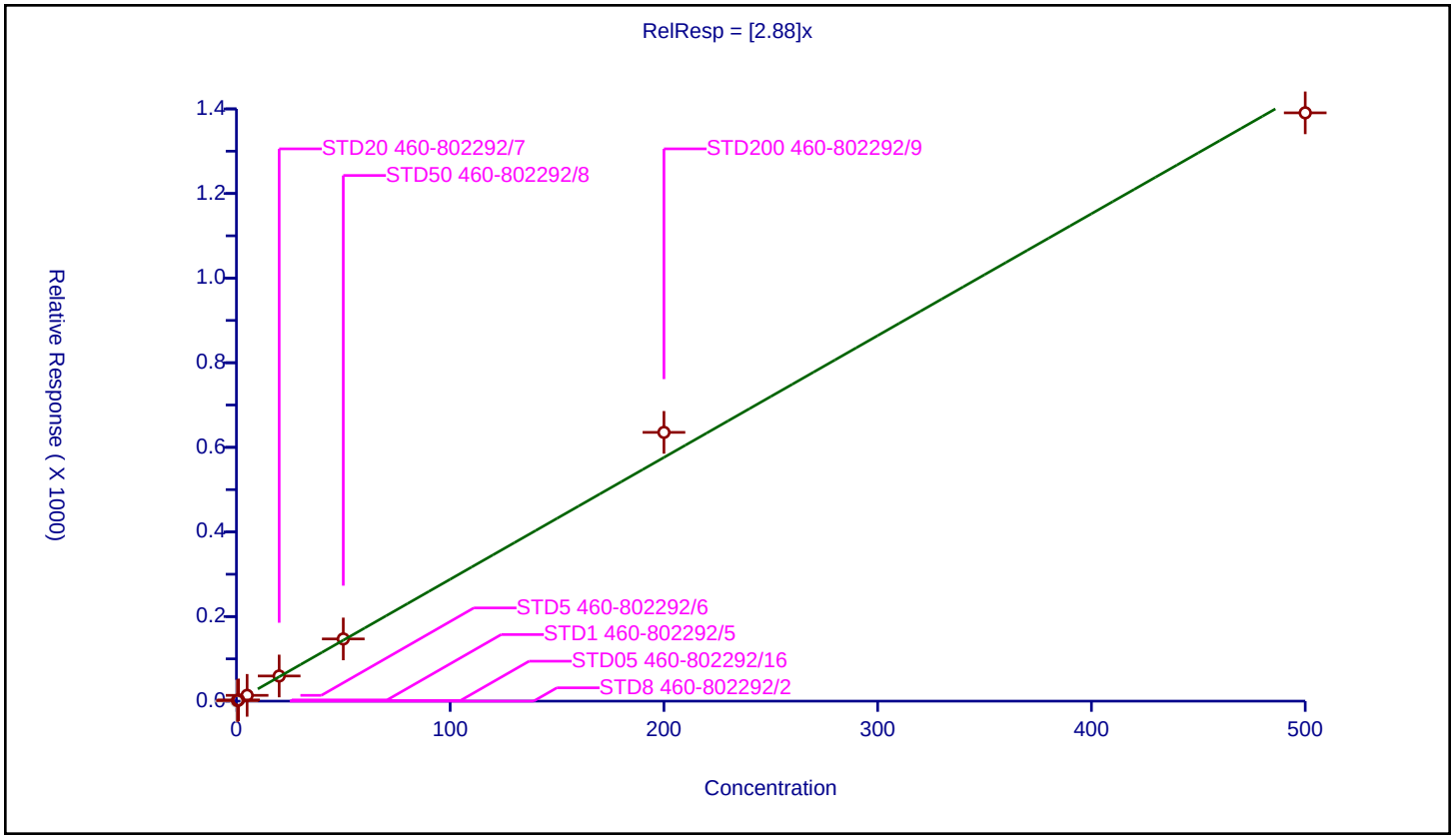
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.88 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5810000 |
| **Relative Standard Error:** | 5.7 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.996 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 380028.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.35282 | 50.0 | 328499.0 | 2.70564 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 2.841861 | 50.0 | 311099.0 | 2.841861 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 13.717908 | 50.0 | 331665.0 | 2.743582 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 59.443681 | 50.0 | 353718.0 | 2.972184 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 147.070254 | 50.0 | 383378.0 | 2.941405 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 635.326876 | 50.0 | 418033.0 | 3.176634 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1390.651516 | 50.0 | 472360.0 | 2.781303 | Y |



## Calibration / 4-Bromofluorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

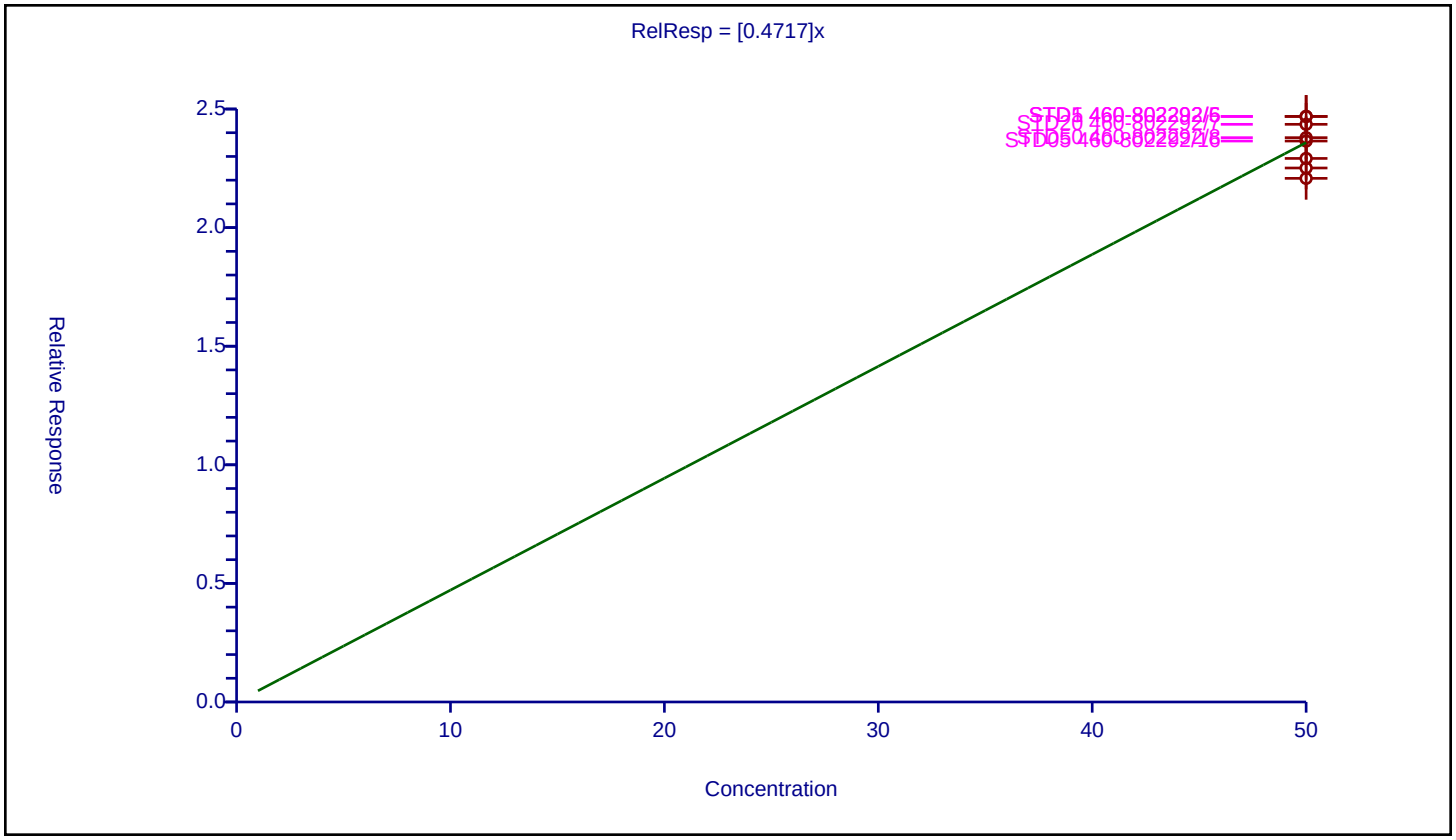
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4717 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 188000 |
| **Relative Standard Error:** | 4.2 |
| **Correlation Coefficient:** | NA |
| **Coefficient of Determination (Adjusted):** | 0.000000000000000111 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 50.0 | 22.076531 | 50.0 | 380028.0 | 0.441531 | Y |
| 2 | STD1 460-802292/5 | 50.0 | 24.685068 | 50.0 | 311099.0 | 0.493701 | Y |
| 3 | STD5 460-802292/6 | 50.0 | 24.689823 | 50.0 | 331665.0 | 0.493796 | Y |
| 4 | STD20 460-802292/7 | 50.0 | 24.354712 | 50.0 | 353718.0 | 0.487094 | Y |
| 5 | STD50 460-802292/8 | 50.0 | 23.792315 | 50.0 | 383378.0 | 0.475846 | Y |
| 6 | STD200 460-802292/9 | 50.0 | 22.916612 | 50.0 | 418033.0 | 0.458332 | Y |
| 7 | STD500 460-802292/10 | 50.0 | 22.513126 | 50.0 | 472360.0 | 0.450263 | Y |
| 8 | STD05 460-802292/16 | 50.0 | 23.649996 | 50.0 | 328499.0 | 0.473 | Y |



## Calibration / Bromobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

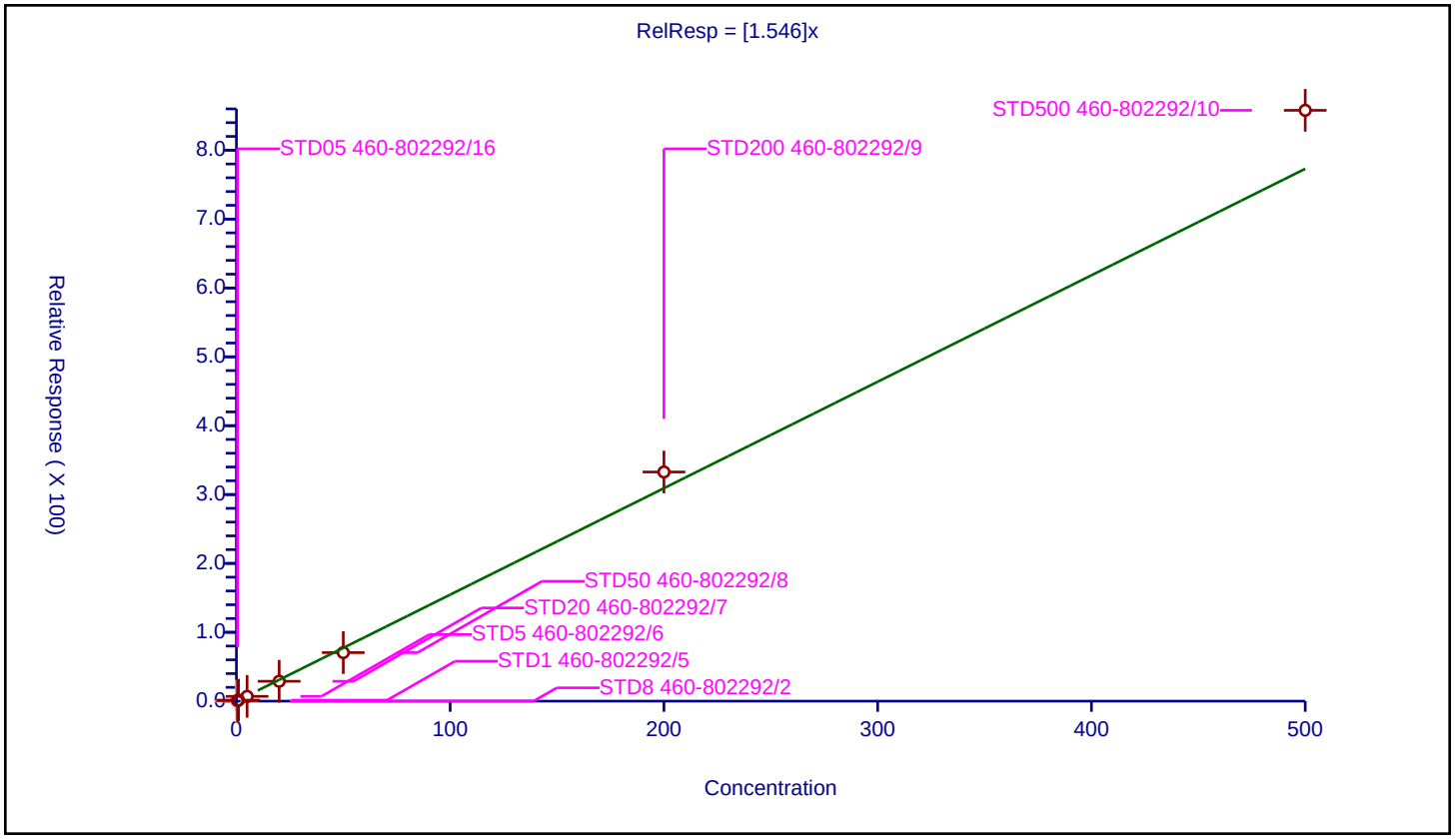
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.546 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1650000 |
| **Relative Standard Error:** | 10.6 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.88531 | 50.0 | 158758.0 | 1.770619 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.434174 | 50.0 | 154514.0 | 1.434174 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 6.929843 | 50.0 | 168835.0 | 1.385969 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 28.837296 | 50.0 | 180192.0 | 1.441865 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 70.481415 | 50.0 | 199703.0 | 1.409628 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 332.742504 | 50.0 | 195347.0 | 1.663713 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 857.902705 | 50.0 | 222930.0 | 1.715805 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

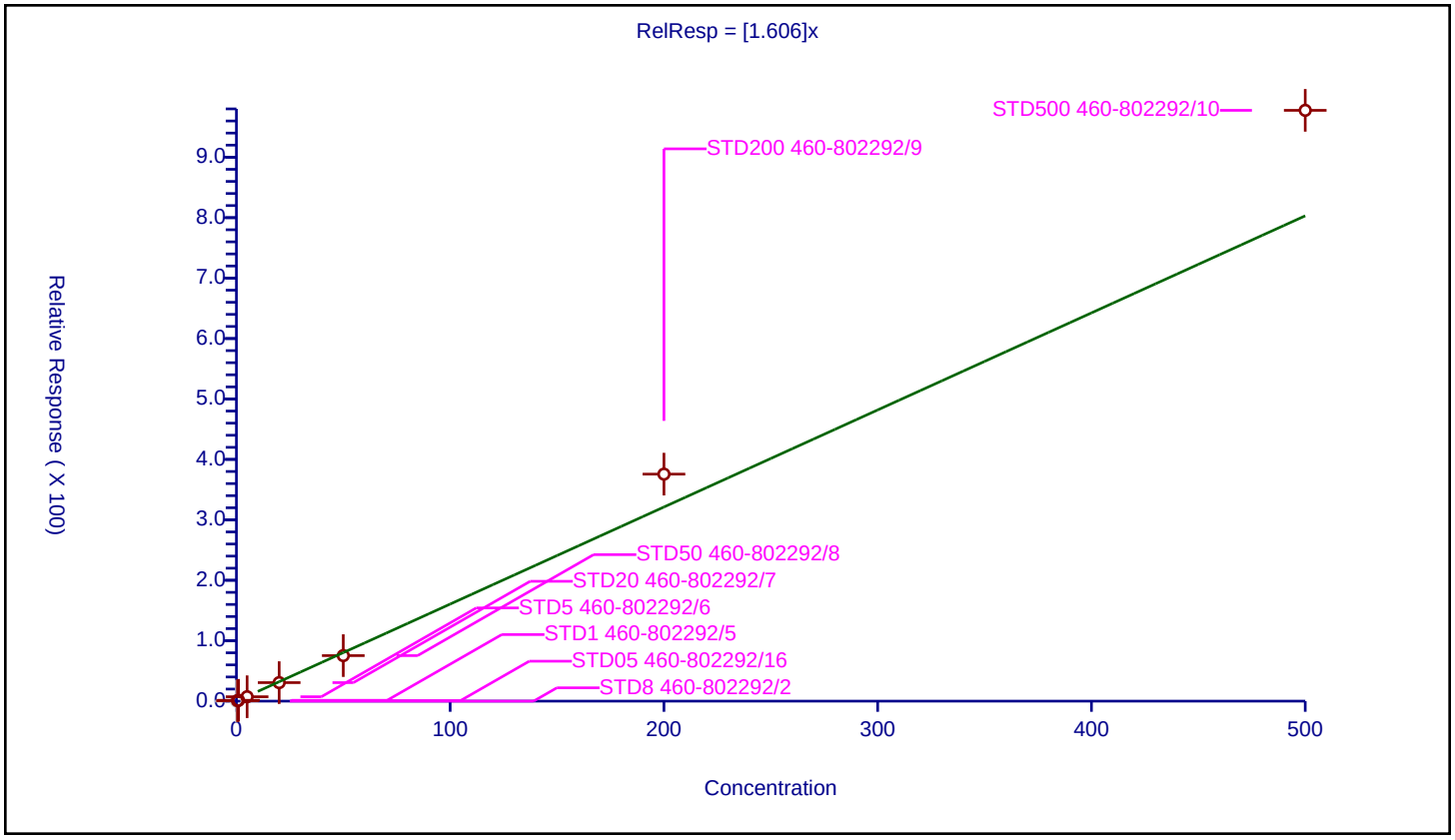
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.606 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1880000 |
| **Relative Standard Error:** | 13.5 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.979 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.753978 | 50.0 | 158758.0 | 1.507956 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.404403 | 50.0 | 154514.0 | 1.404403 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 7.291142 | 50.0 | 168835.0 | 1.458228 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 30.641205 | 50.0 | 180192.0 | 1.53206 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 75.323355 | 50.0 | 199703.0 | 1.506467 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 375.640527 | 50.0 | 195347.0 | 1.878203 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 977.597228 | 50.0 | 222930.0 | 1.955194 | Y |



## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

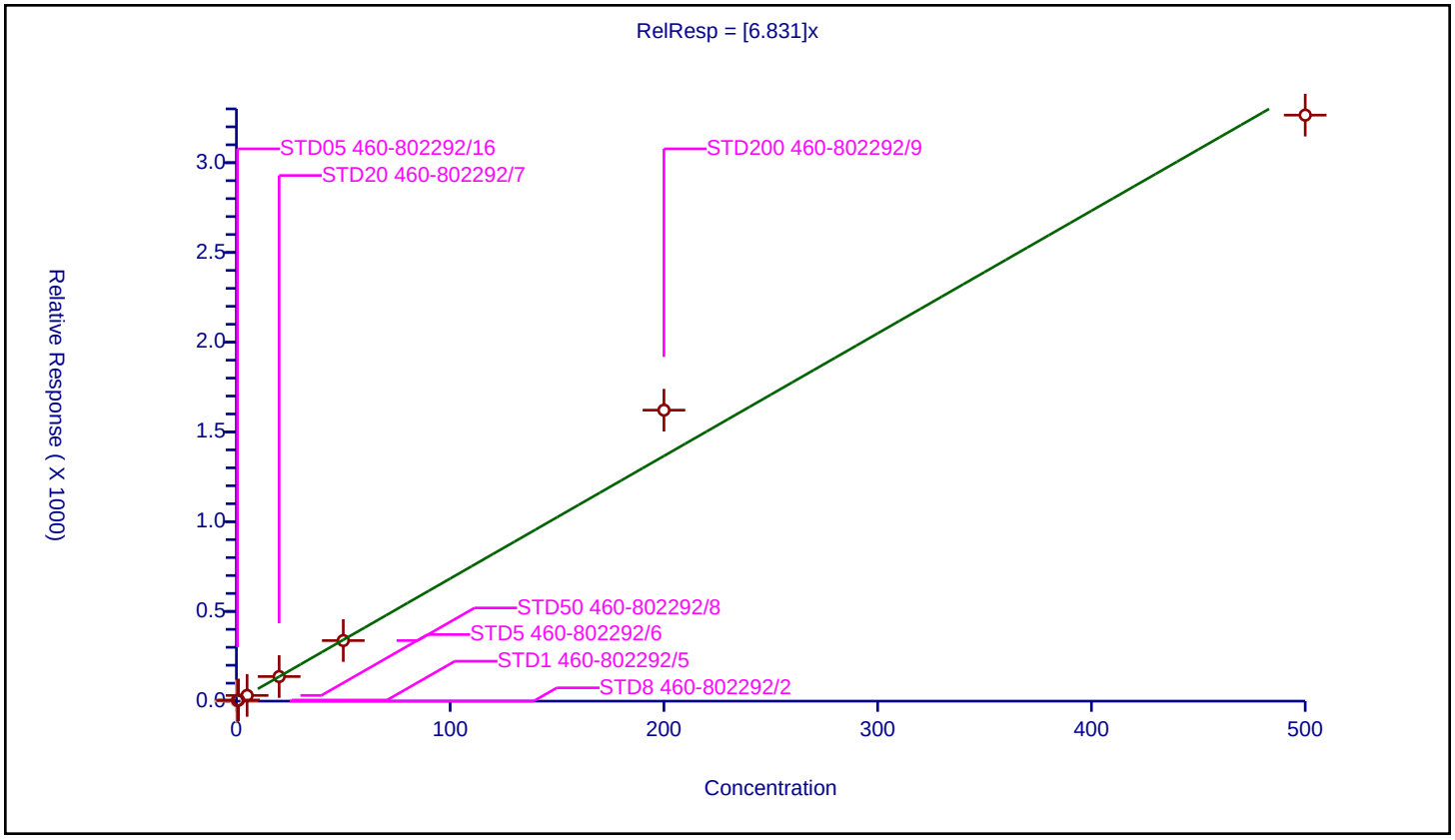
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 6.831 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 6510000 |
| **Relative Standard Error:** | 9.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 3.471006 | 50.0 | 158758.0 | 6.942012 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 6.268364 | 50.0 | 154514.0 | 6.268364 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 31.824859 | 50.0 | 168835.0 | 6.364972 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 136.978889 | 50.0 | 180192.0 | 6.848944 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 337.61611 | 50.0 | 199703.0 | 6.752322 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1621.465392 | 50.0 | 195347.0 | 8.107327 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 3265.288656 | 50.0 | 222930.0 | 6.530577 | Y |



## Calibration / 1,2,3-Trichloropropane

| | |
|---|---|
| **Curve Type:** | Quadratic |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

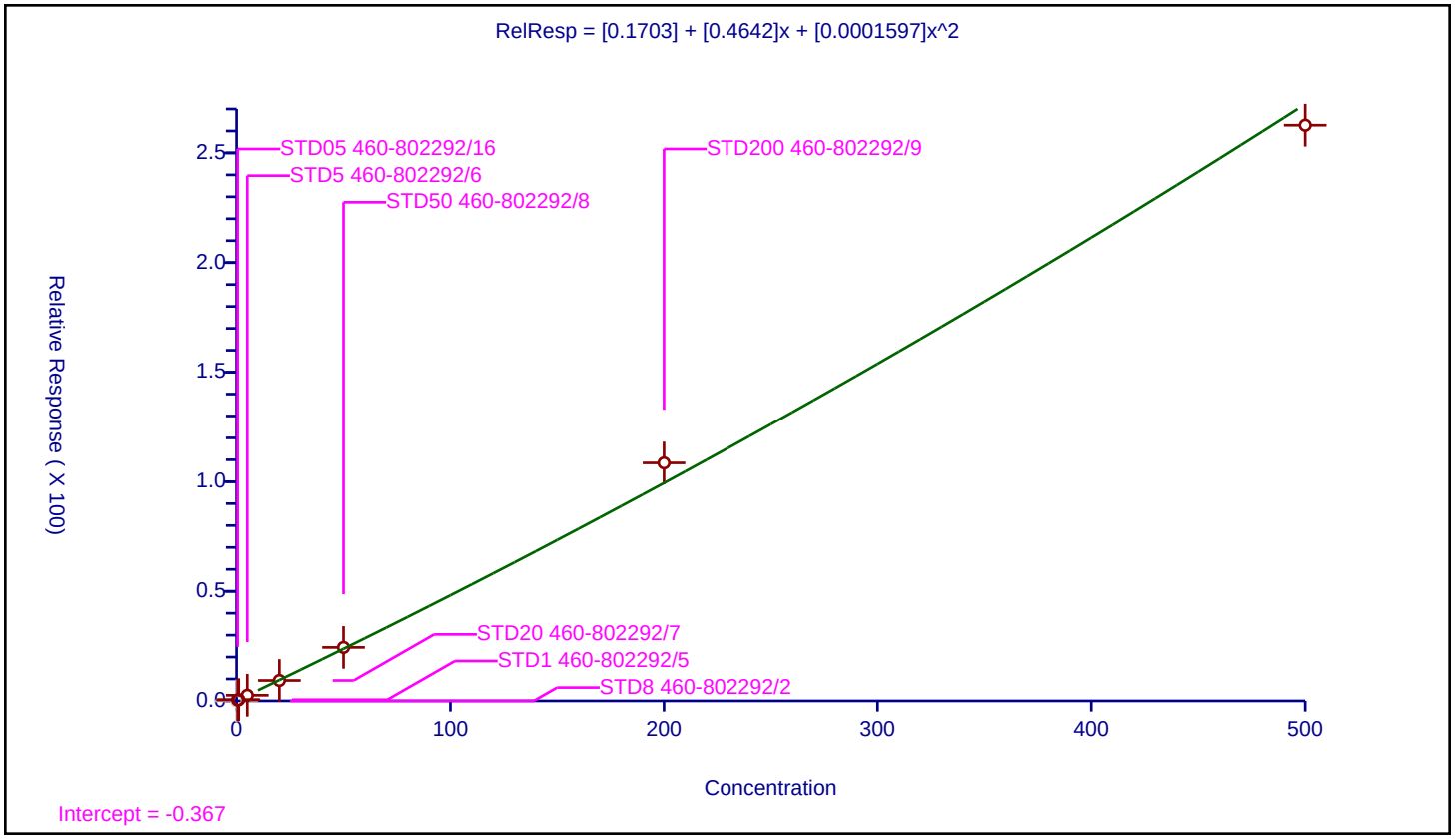
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.1703 |
| **Slope:** | 0.4642 |
| **Second Order:** | 0.0001597 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 625000 |
| **Relative Standard Error:** | 11.4 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.422971 | 50.0 | 158758.0 | 0.845942 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.549788 | 50.0 | 154514.0 | 0.549788 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.570261 | 50.0 | 168835.0 | 0.514052 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 9.315341 | 50.0 | 180192.0 | 0.465767 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 24.407495 | 50.0 | 199703.0 | 0.48815 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 108.574485 | 50.0 | 195347.0 | 0.542872 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 262.617862 | 50.0 | 222930.0 | 0.525236 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

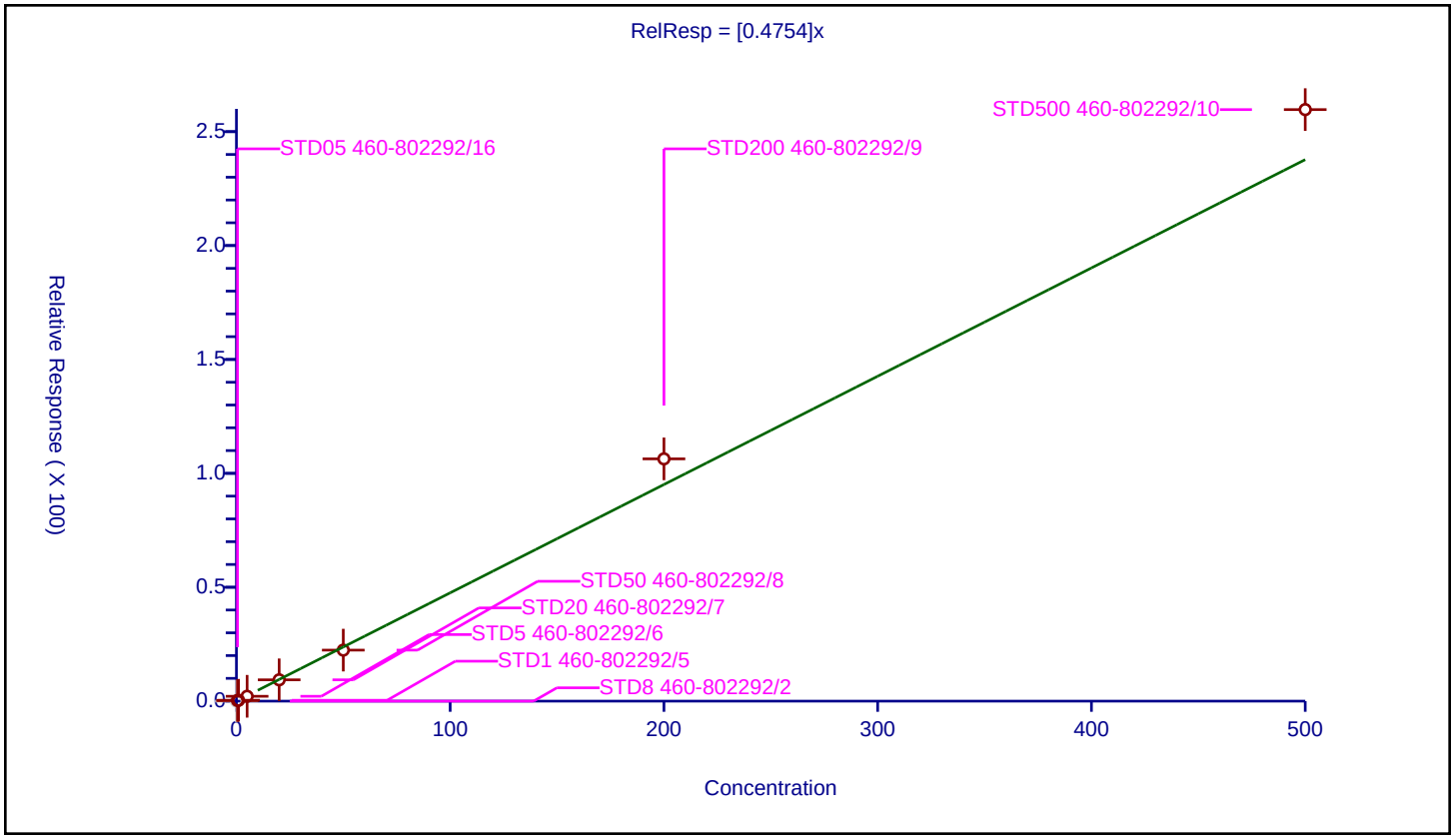
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4754 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 504000 |
| **Relative Standard Error:** | 13.7 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.977 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.279356 | 50.0 | 158758.0 | 0.558712 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.374723 | 50.0 | 154514.0 | 0.374723 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.136405 | 50.0 | 168835.0 | 0.427281 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 9.365288 | 50.0 | 180192.0 | 0.468264 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 22.398512 | 50.0 | 199703.0 | 0.44797 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 106.360221 | 50.0 | 195347.0 | 0.531801 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 259.689364 | 50.0 | 222930.0 | 0.519379 | Y |



## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

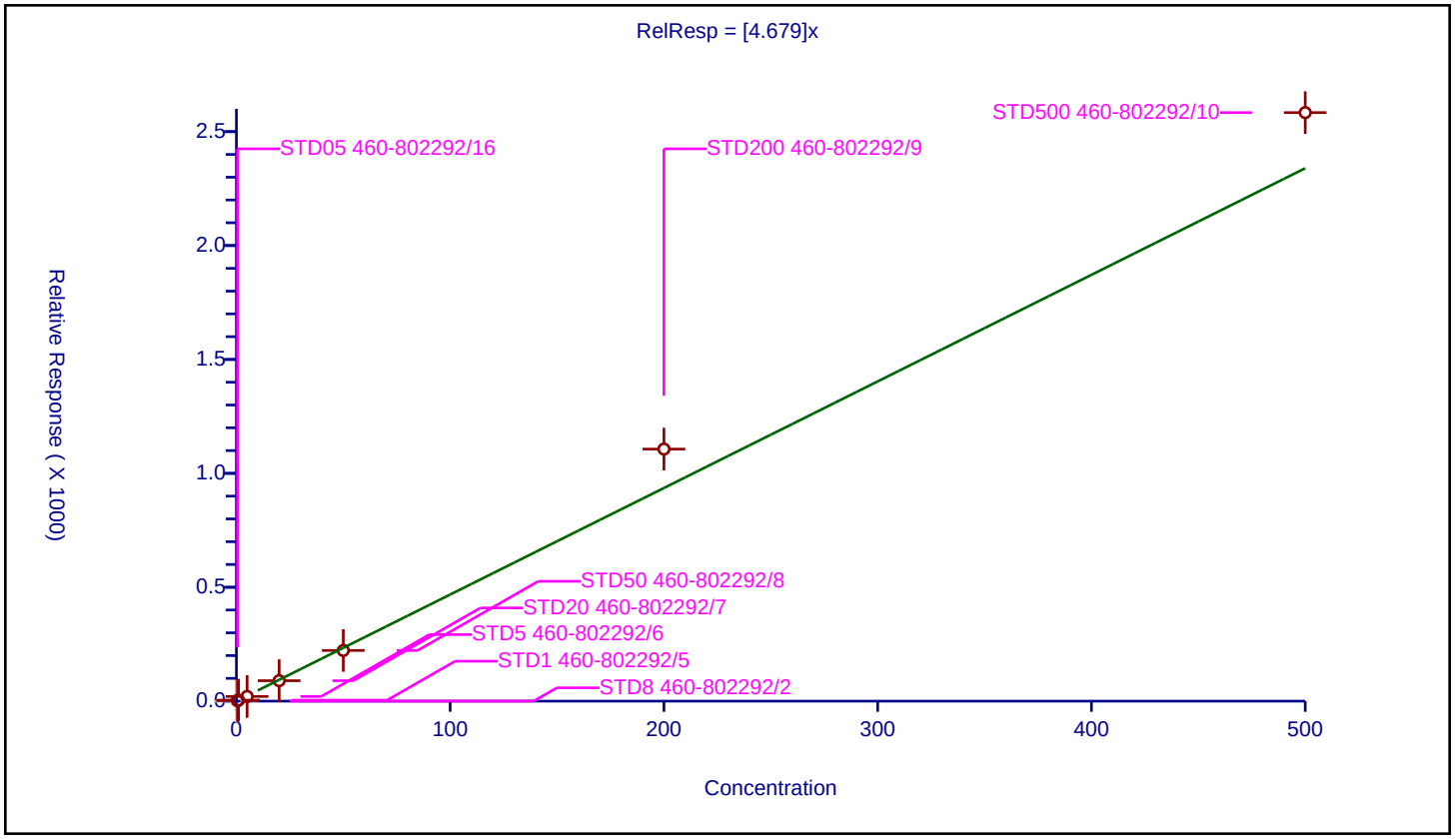
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.679 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5040000 |
| **Relative Standard Error:** | 10.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.373424 | 50.0 | 158758.0 | 4.746847 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 4.241687 | 50.0 | 154514.0 | 4.241687 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 20.621613 | 50.0 | 168835.0 | 4.124323 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 89.785063 | 50.0 | 180192.0 | 4.489253 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 222.460604 | 50.0 | 199703.0 | 4.449212 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1106.4969 | 50.0 | 195347.0 | 5.532485 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2583.59014 | 50.0 | 222930.0 | 5.16718 | Y |



## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

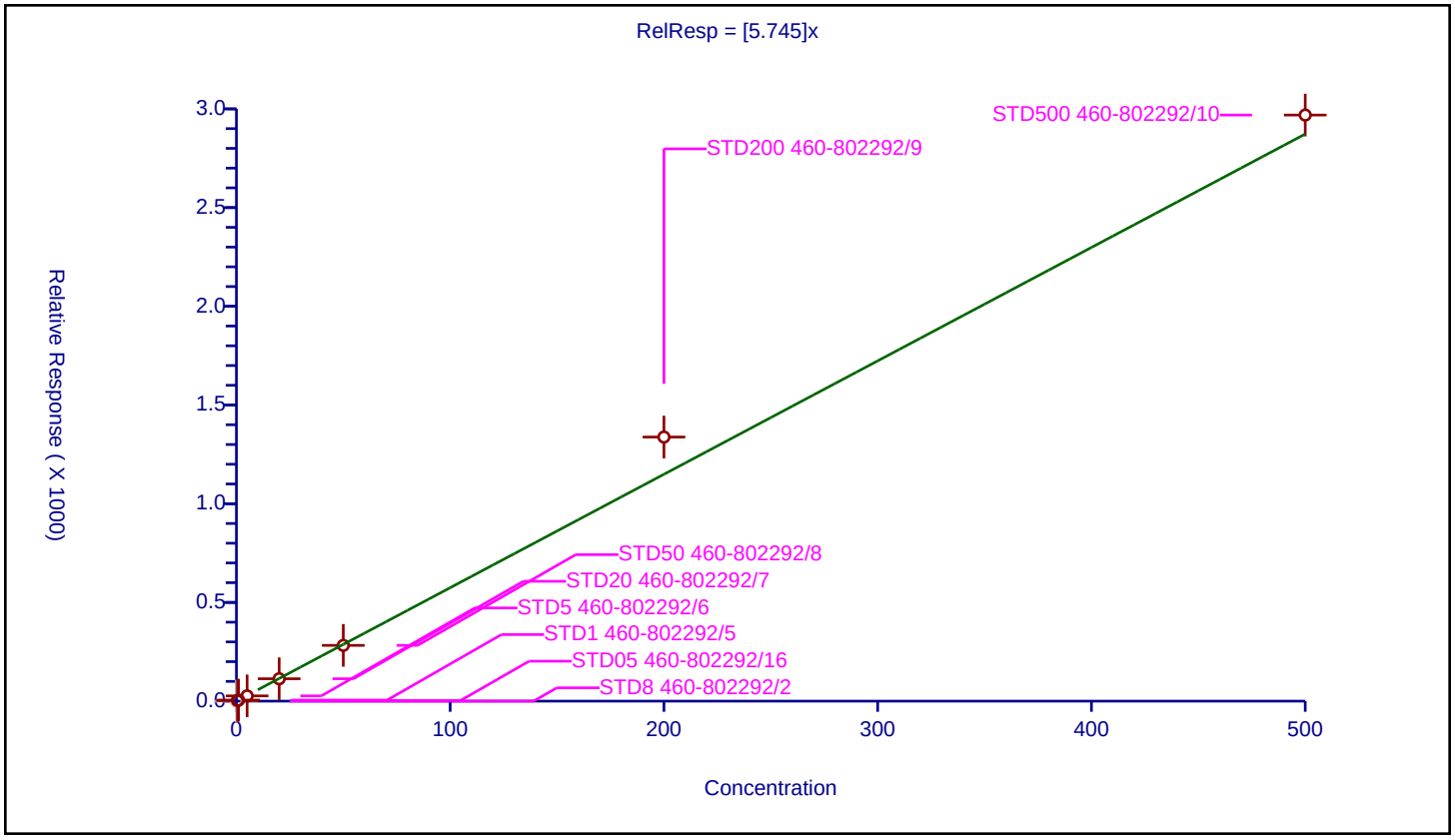
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.745 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5830000 |
| **Relative Standard Error:** | 8.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.992 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.827259 | 50.0 | 158758.0 | 5.654518 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 5.289165 | 50.0 | 154514.0 | 5.289165 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 26.649984 | 50.0 | 168835.0 | 5.329997 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 113.369073 | 50.0 | 180192.0 | 5.668454 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 282.449187 | 50.0 | 199703.0 | 5.648984 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1337.767665 | 50.0 | 195347.0 | 6.688838 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2968.770466 | 50.0 | 222930.0 | 5.937541 | Y |



## Calibration / 1,3,5-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

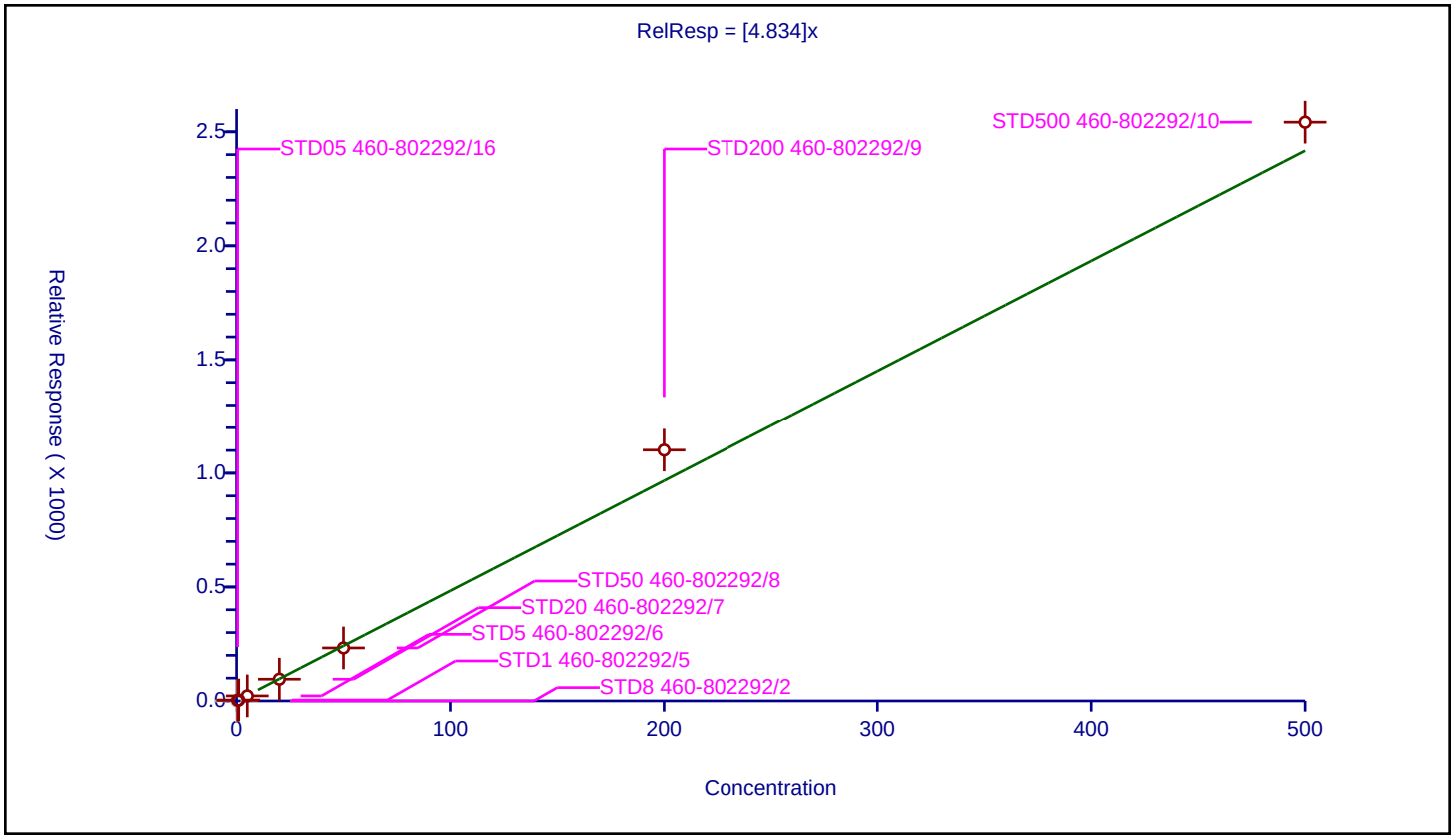
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.834 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4970000 |
| **Relative Standard Error:** | 10.6 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.986 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.669787 | 50.0 | 158758.0 | 5.339573 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 4.054325 | 50.0 | 154514.0 | 4.054325 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 22.170166 | 50.0 | 168835.0 | 4.434033 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 95.397409 | 50.0 | 180192.0 | 4.76987 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 232.517789 | 50.0 | 199703.0 | 4.650356 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1101.629408 | 50.0 | 195347.0 | 5.508147 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2542.329879 | 50.0 | 222930.0 | 5.08466 | Y |



## Calibration / 4-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

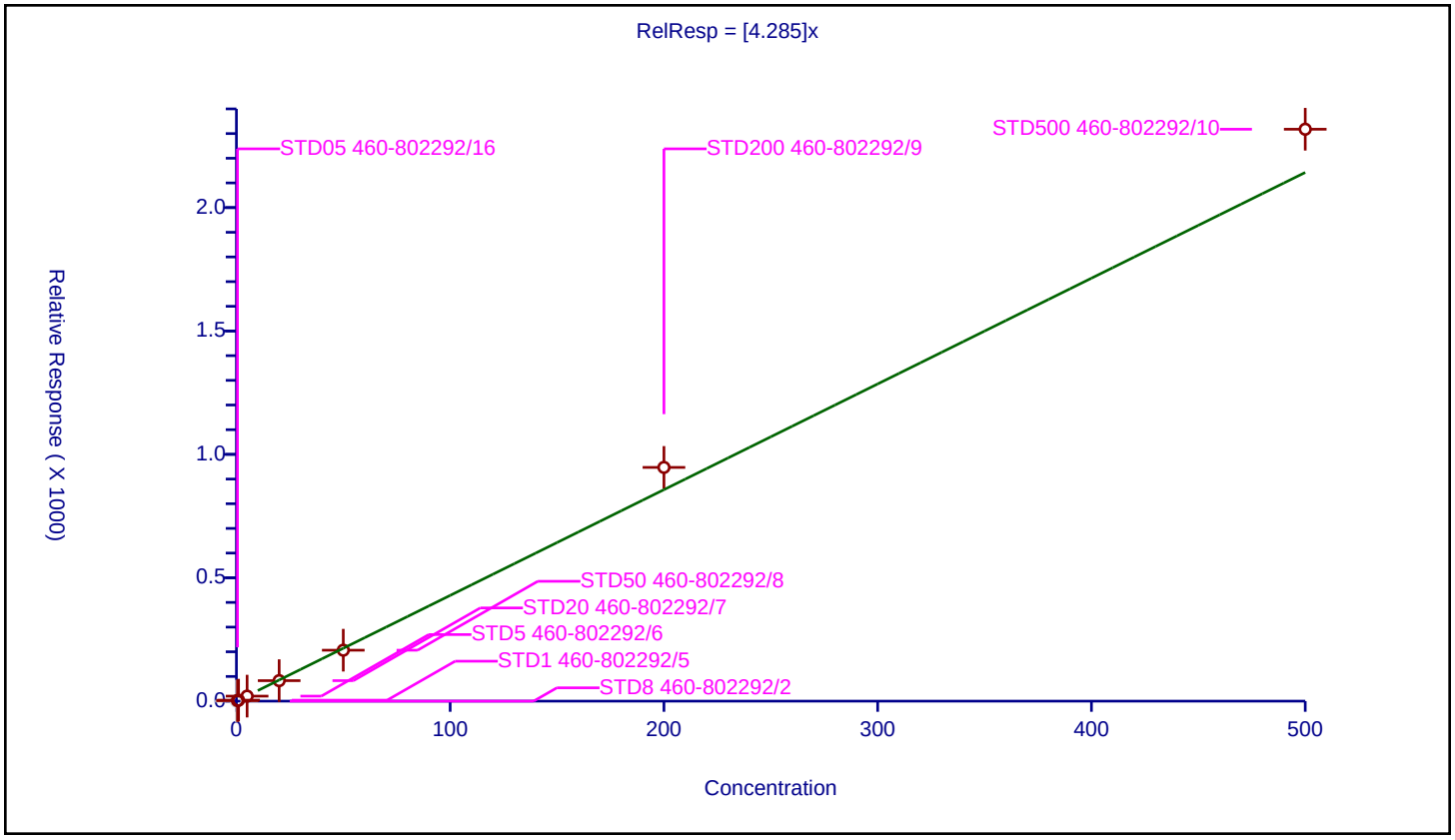
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.285 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4490000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.173749 | 50.0 | 158758.0 | 4.347497 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 3.933948 | 50.0 | 154514.0 | 3.933948 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 20.294963 | 50.0 | 168835.0 | 4.058993 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 83.061124 | 50.0 | 180192.0 | 4.153056 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 206.448075 | 50.0 | 199703.0 | 4.128962 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 947.161973 | 50.0 | 195347.0 | 4.73581 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2317.528821 | 50.0 | 222930.0 | 4.635058 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

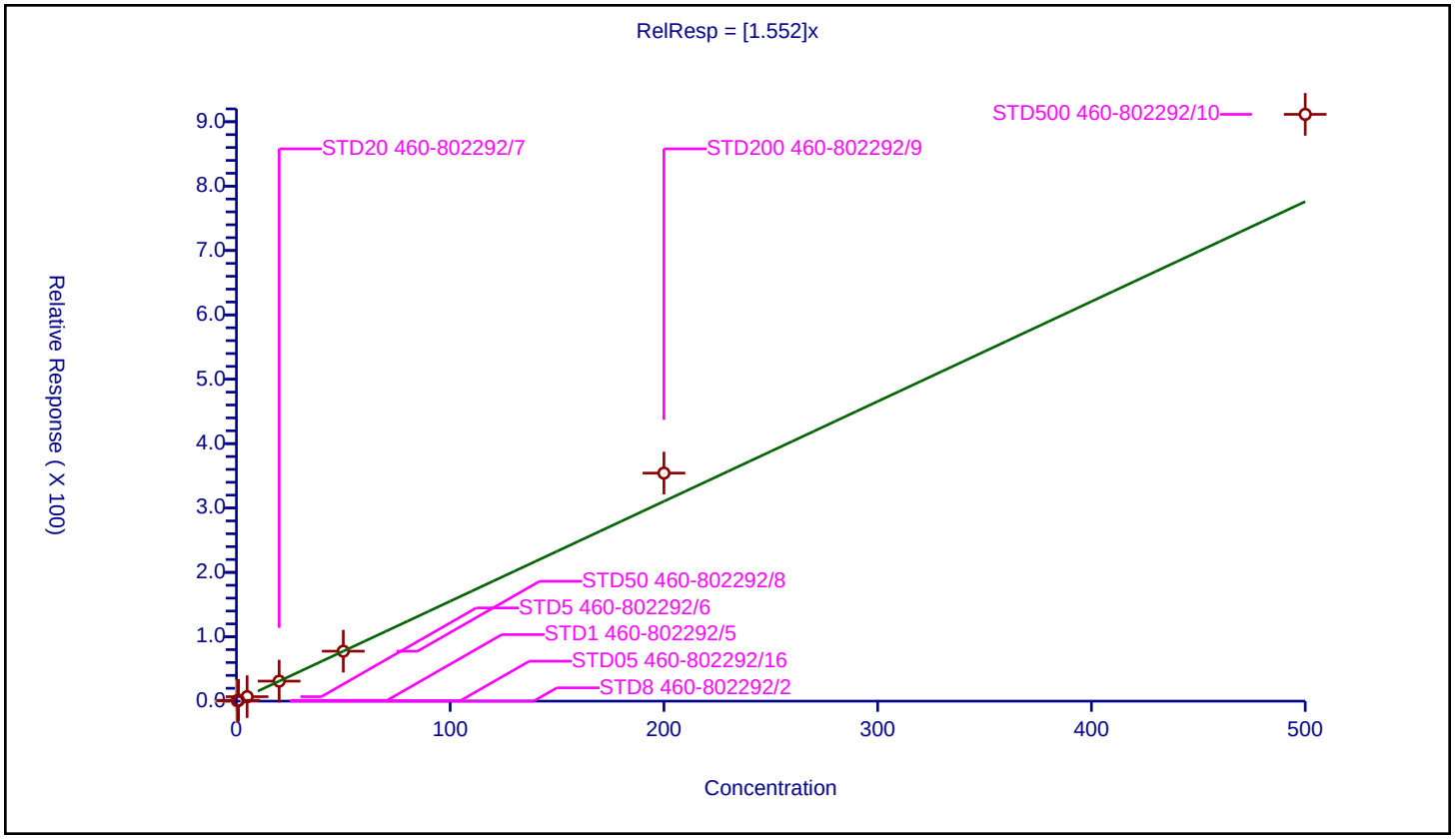
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.552 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1760000 |
| **Relative Standard Error:** | 12.3 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.74012 | 50.0 | 158758.0 | 1.48024 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.294381 | 50.0 | 154514.0 | 1.294381 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 6.941689 | 50.0 | 168835.0 | 1.388338 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 31.095443 | 50.0 | 180192.0 | 1.554772 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 77.594728 | 50.0 | 199703.0 | 1.551895 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 354.204057 | 50.0 | 195347.0 | 1.77102 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 911.520657 | 50.0 | 222930.0 | 1.823041 | Y |



## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

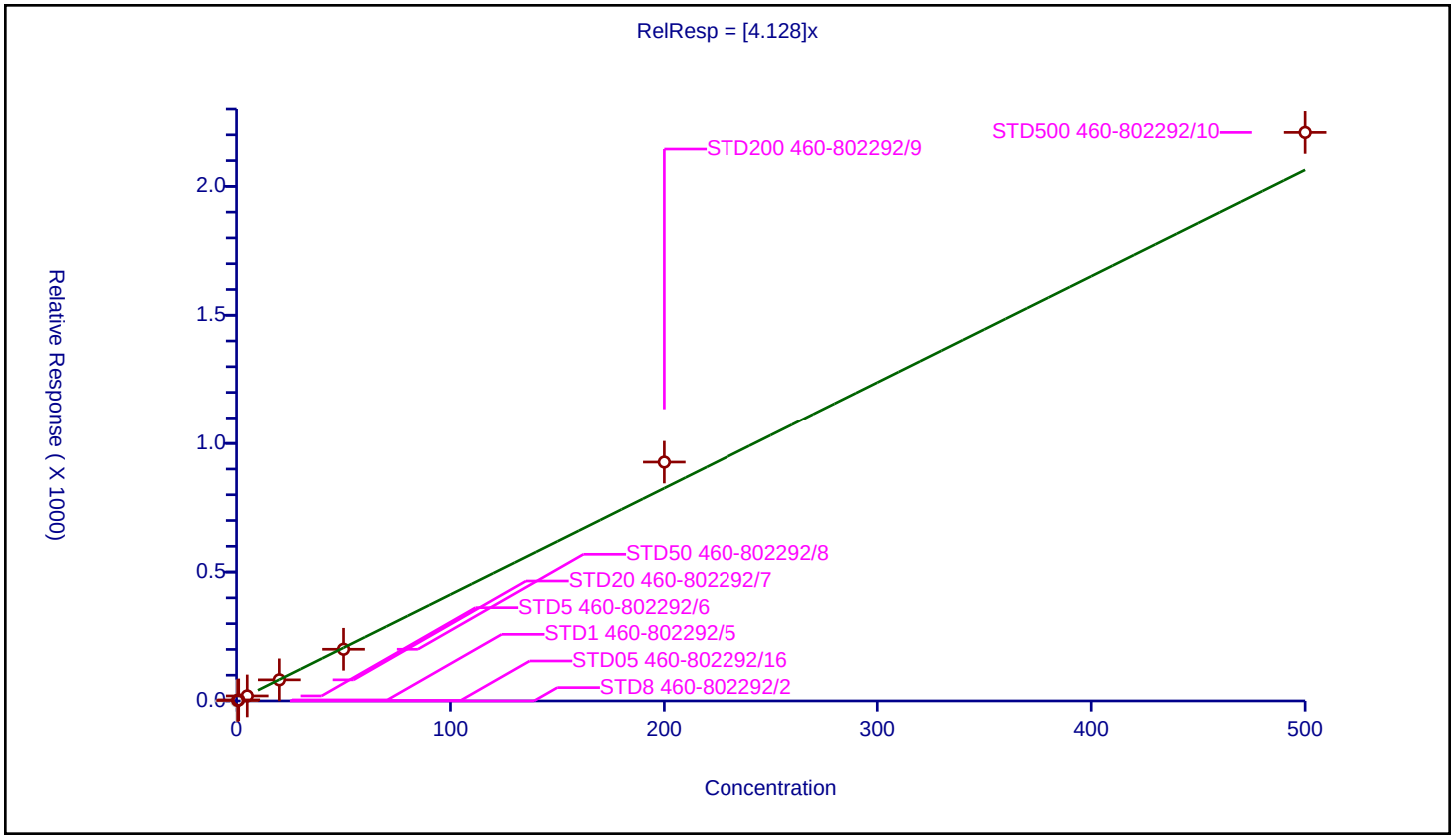
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.128 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4300000 |
| **Relative Standard Error:** | 7.4 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.866363 | 50.0 | 158758.0 | 3.732725 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 4.092186 | 50.0 | 154514.0 | 4.092186 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 19.538603 | 50.0 | 168835.0 | 3.907721 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 81.976725 | 50.0 | 180192.0 | 4.098836 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 200.557828 | 50.0 | 199703.0 | 4.011157 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 927.1266 | 50.0 | 195347.0 | 4.635633 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2209.399812 | 50.0 | 222930.0 | 4.4188 | Y |



## Calibration / 1,2,4-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

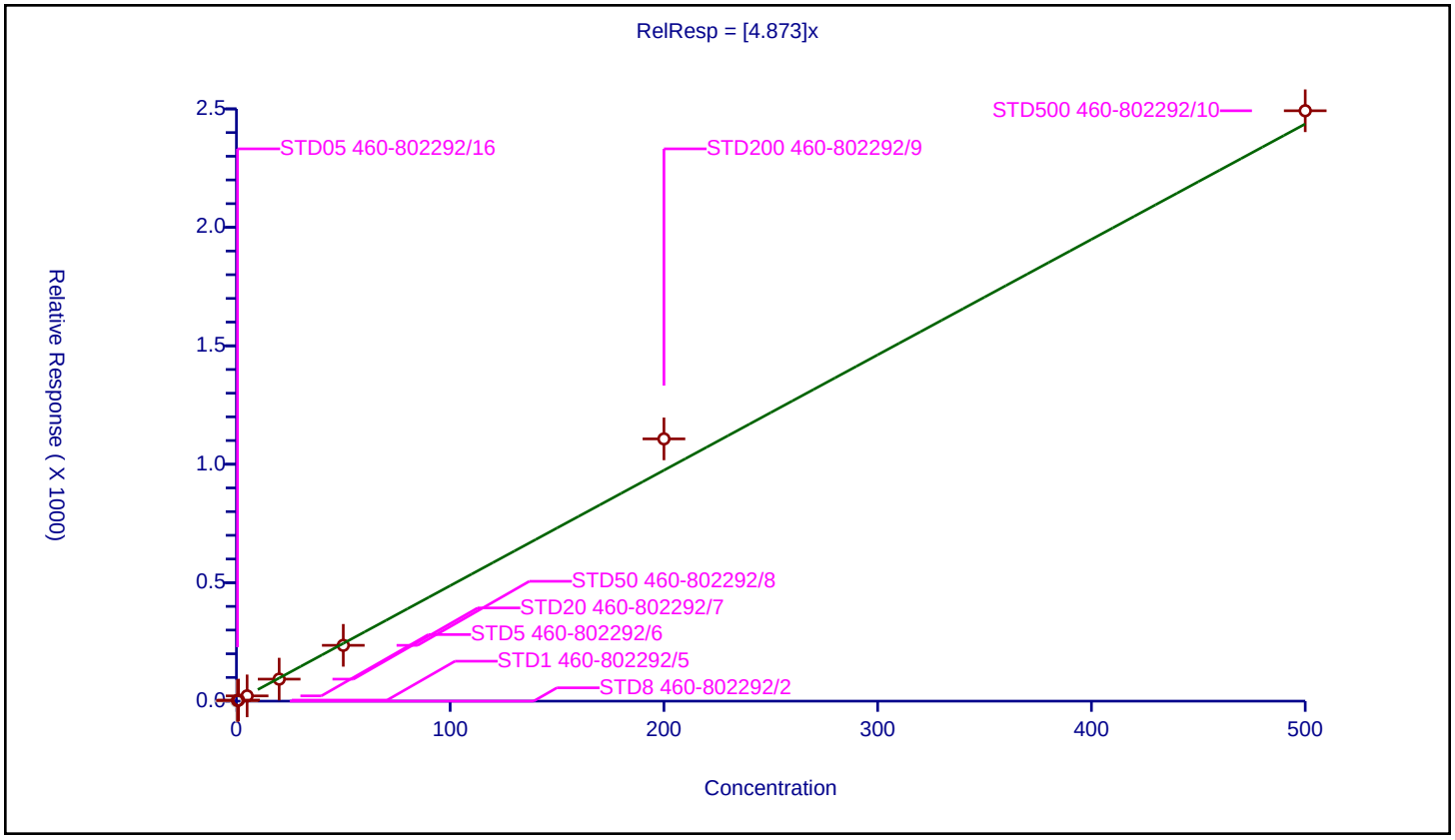
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.873 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4880000 |
| **Relative Standard Error:** | 8.6 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.991 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.655929 | 50.0 | 158758.0 | 5.311858 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 4.487296 | 50.0 | 154514.0 | 4.487296 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 22.16987 | 50.0 | 168835.0 | 4.433974 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 92.907843 | 50.0 | 180192.0 | 4.645392 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 235.538775 | 50.0 | 199703.0 | 4.710776 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1106.98603 | 50.0 | 195347.0 | 5.53493 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2492.092137 | 50.0 | 222930.0 | 4.984184 | Y |



## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

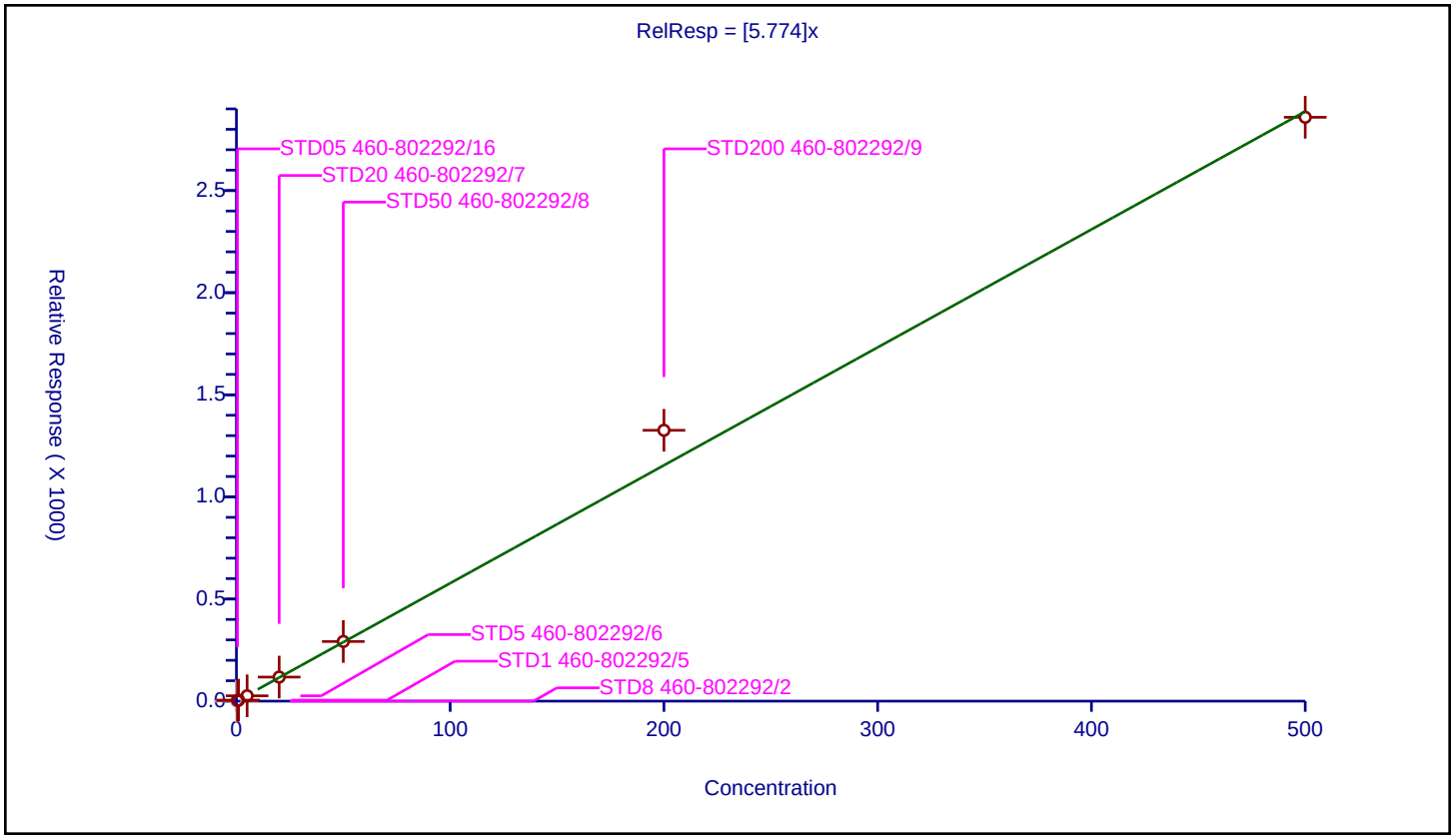
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.774 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5640000 |
| **Relative Standard Error:** | 9.0 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 3.02347 | 50.0 | 158758.0 | 6.046939 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 5.059088 | 50.0 | 154514.0 | 5.059088 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 26.15216 | 50.0 | 168835.0 | 5.230432 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 117.842635 | 50.0 | 180192.0 | 5.892132 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 292.111035 | 50.0 | 199703.0 | 5.842221 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1326.32495 | 50.0 | 195347.0 | 6.631625 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2858.918943 | 50.0 | 222930.0 | 5.717838 | Y |



## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

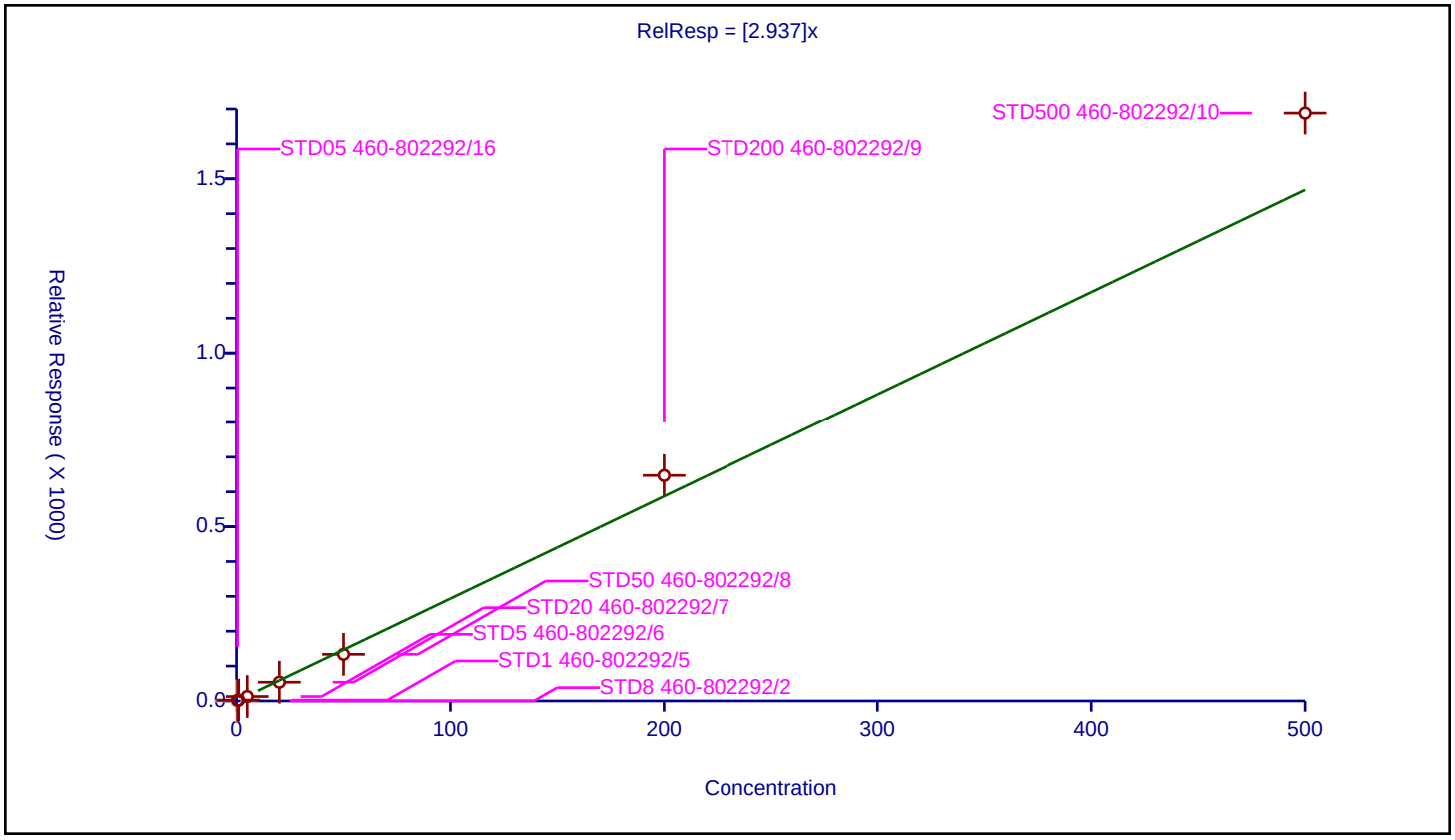
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.937 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3250000 |
| **Relative Standard Error:** | 14.0 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.975 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.741015 | 50.0 | 158758.0 | 3.482029 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 2.535369 | 50.0 | 154514.0 | 2.535369 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 12.802736 | 50.0 | 168835.0 | 2.560547 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 53.793454 | 50.0 | 180192.0 | 2.689673 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 133.771401 | 50.0 | 199703.0 | 2.675428 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 647.21598 | 50.0 | 195347.0 | 3.23608 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1688.296326 | 50.0 | 222930.0 | 3.376593 | Y |



## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

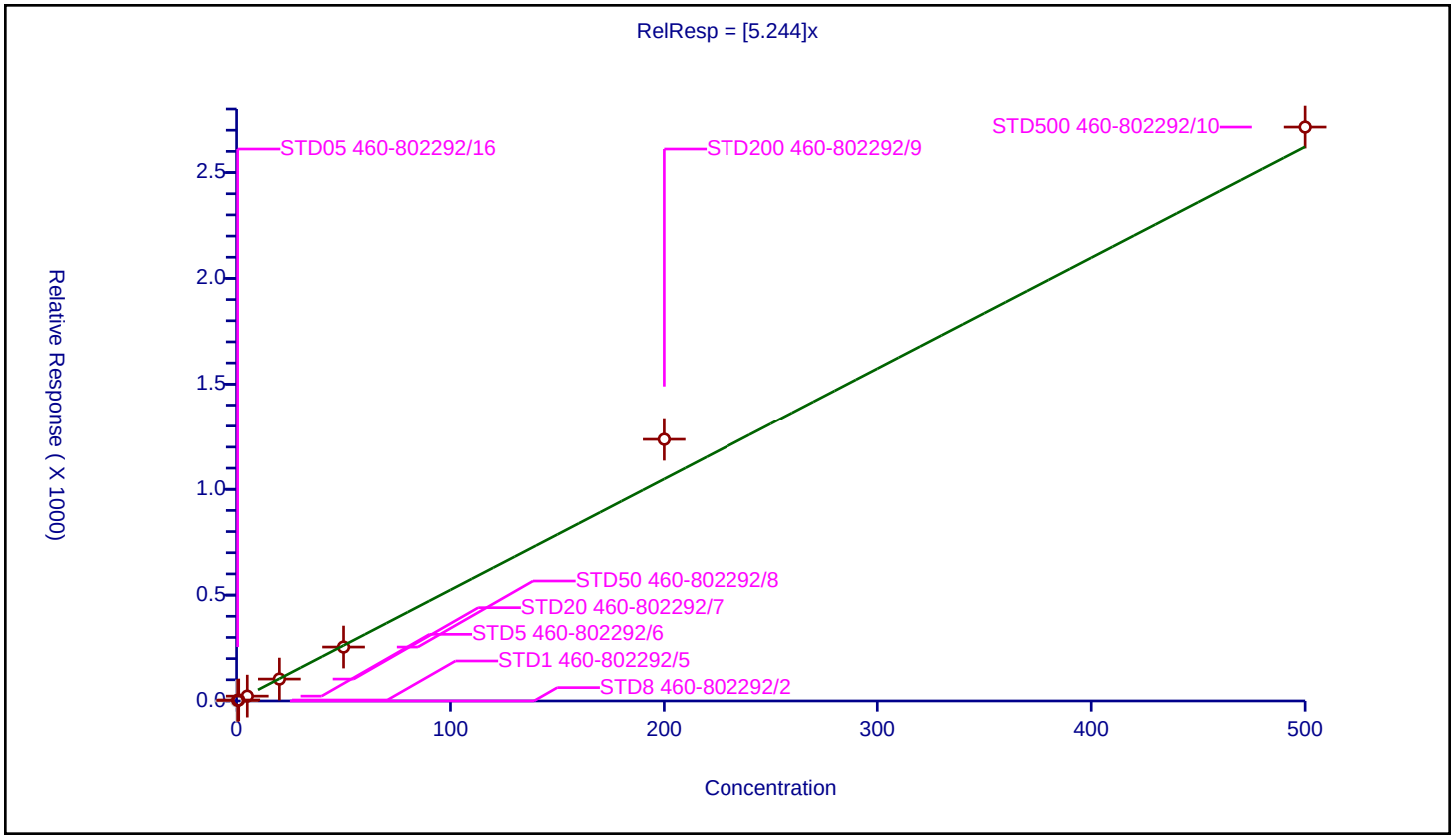
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.244 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5340000 |
| **Relative Standard Error:** | 11.2 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.985 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.846156 | 50.0 | 158758.0 | 5.692312 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 4.564311 | 50.0 | 154514.0 | 4.564311 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 22.853081 | 50.0 | 168835.0 | 4.570616 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 103.452706 | 50.0 | 180192.0 | 5.172635 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 254.688212 | 50.0 | 199703.0 | 5.093764 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1236.918151 | 50.0 | 195347.0 | 6.184591 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2714.939219 | 50.0 | 222930.0 | 5.429878 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

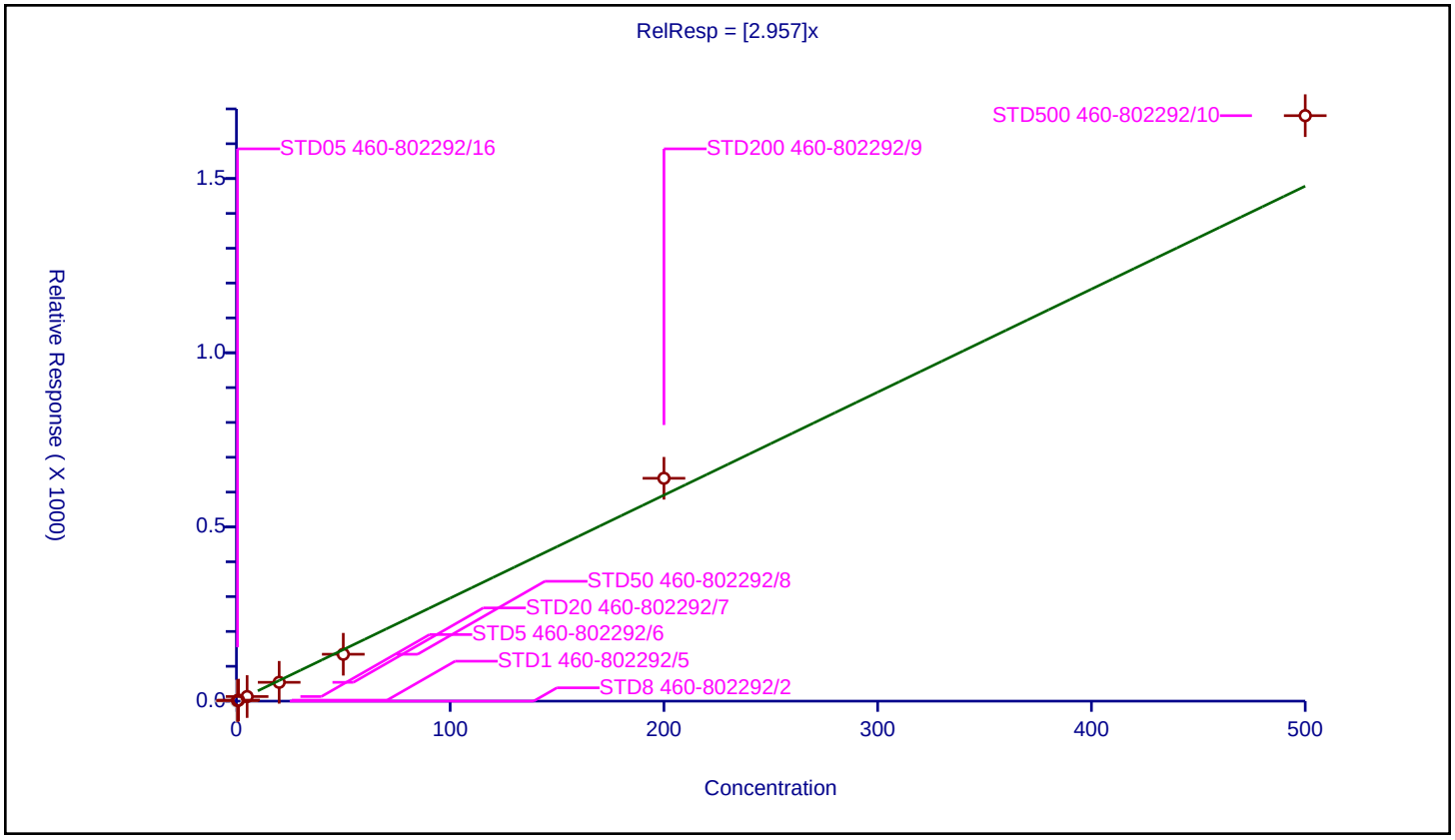
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.957 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3230000 |
| **Relative Standard Error:** | 10.1 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.607163 | 50.0 | 158758.0 | 3.214326 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 2.896178 | 50.0 | 154514.0 | 2.896178 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 13.158409 | 50.0 | 168835.0 | 2.631682 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 54.048182 | 50.0 | 180192.0 | 2.702409 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 134.585109 | 50.0 | 199703.0 | 2.691702 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 639.685278 | 50.0 | 195347.0 | 3.198426 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1680.584937 | 50.0 | 222930.0 | 3.36117 | Y |



## Calibration / 1,2,3-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

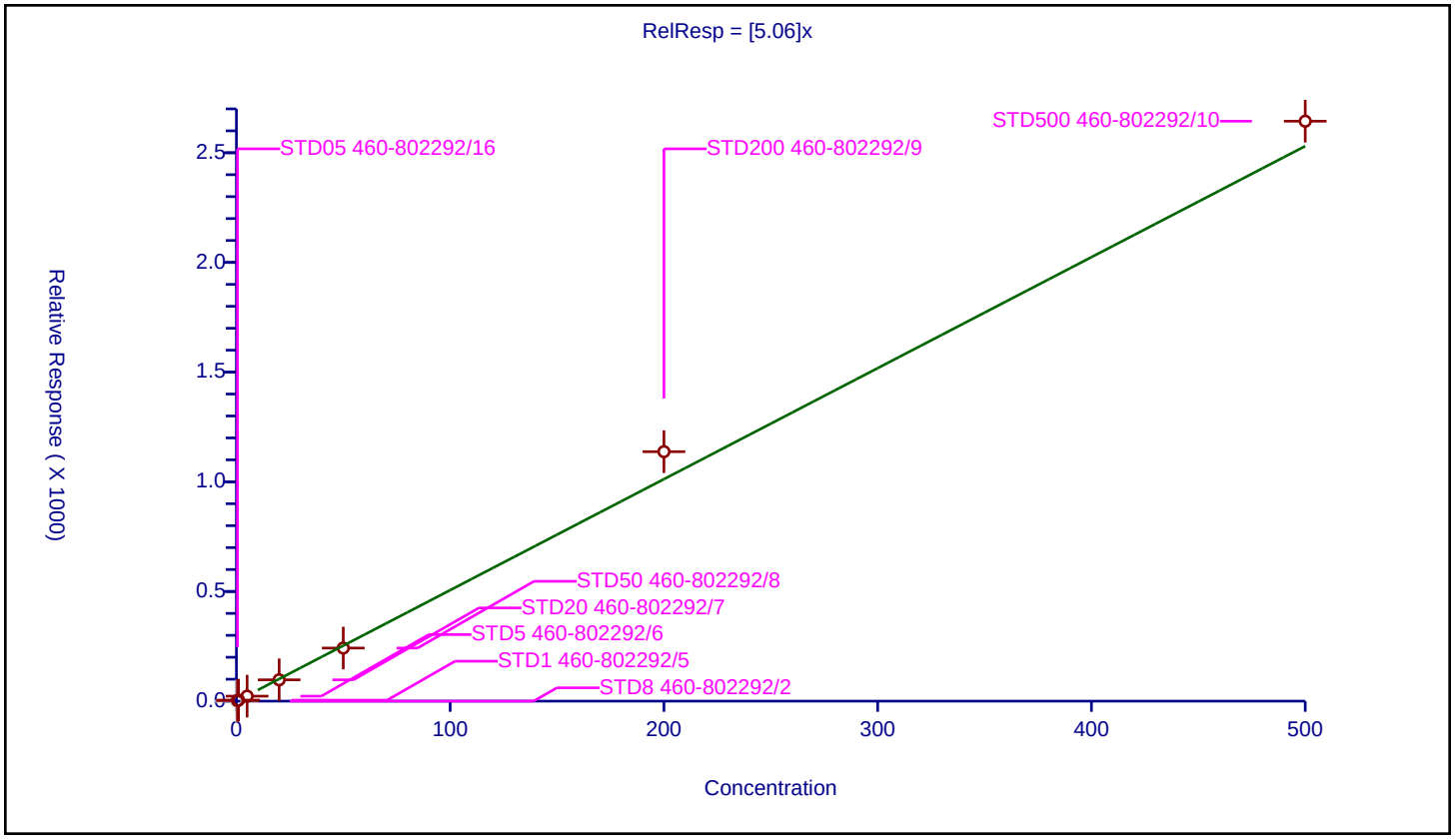
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 5.06 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 5160000 |
| **Relative Standard Error:** | 9.2 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.797024 | 50.0 | 158758.0 | 5.594049 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 4.593758 | 50.0 | 154514.0 | 4.593758 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 22.779637 | 50.0 | 168835.0 | 4.555927 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 97.257092 | 50.0 | 180192.0 | 4.862855 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 242.072227 | 50.0 | 199703.0 | 4.841445 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1137.304387 | 50.0 | 195347.0 | 5.686522 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2643.865563 | 50.0 | 222930.0 | 5.287731 | Y |



## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

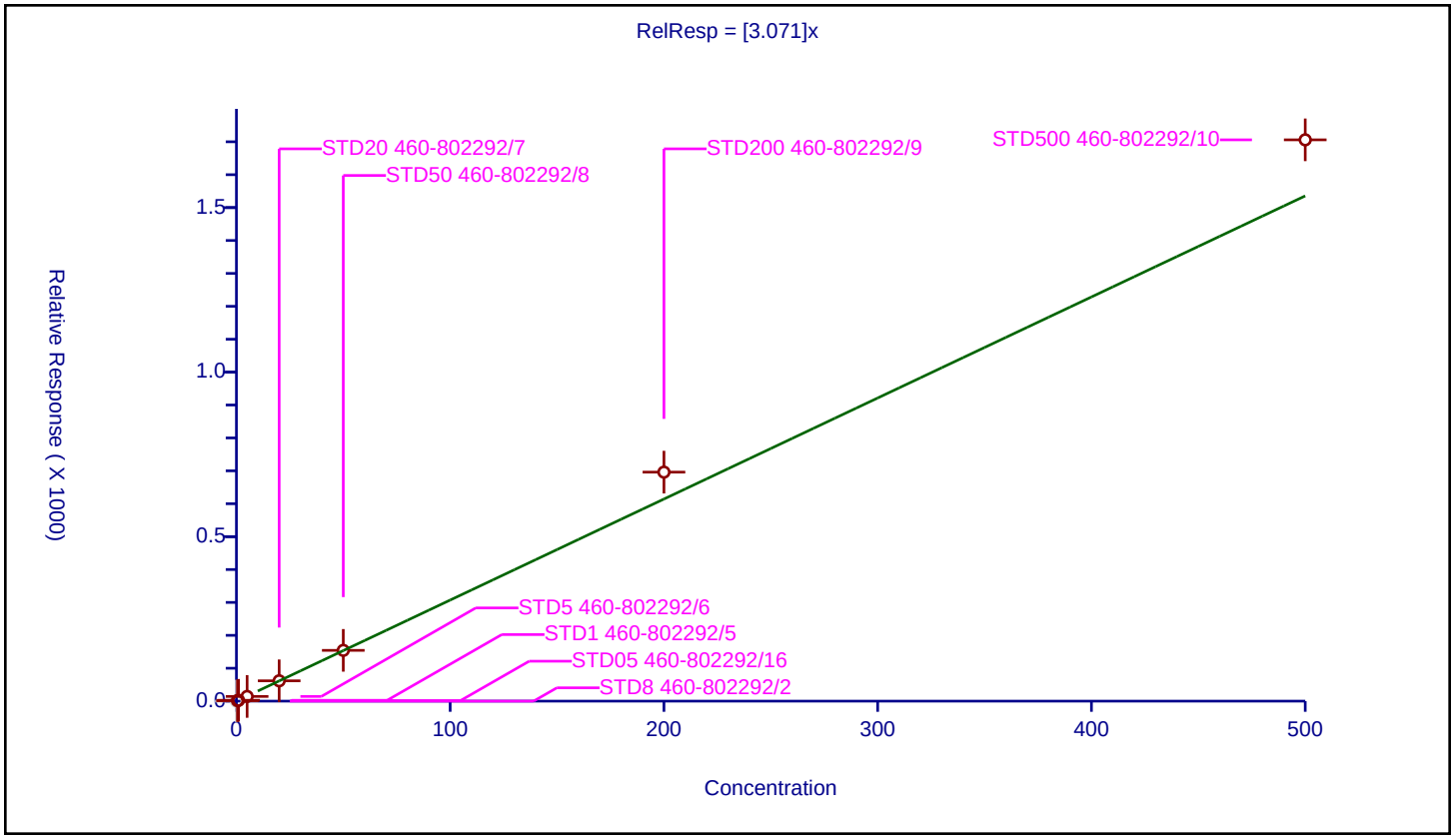
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.071 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 3310000 |
| **Relative Standard Error:** | 10.5 |
| **Correlation Coefficient:** | 0.998 |
| **Coefficient of Determination (Adjusted):** | 0.987 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.521813 | 50.0 | 158758.0 | 3.043626 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 2.524367 | 50.0 | 154514.0 | 2.524367 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 14.306275 | 50.0 | 168835.0 | 2.861255 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 61.821834 | 50.0 | 180192.0 | 3.091092 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 154.292875 | 50.0 | 199703.0 | 3.085857 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 696.023998 | 50.0 | 195347.0 | 3.48012 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1705.908805 | 50.0 | 222930.0 | 3.411818 | Y |



## Calibration / 2,3-Dihydroindene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

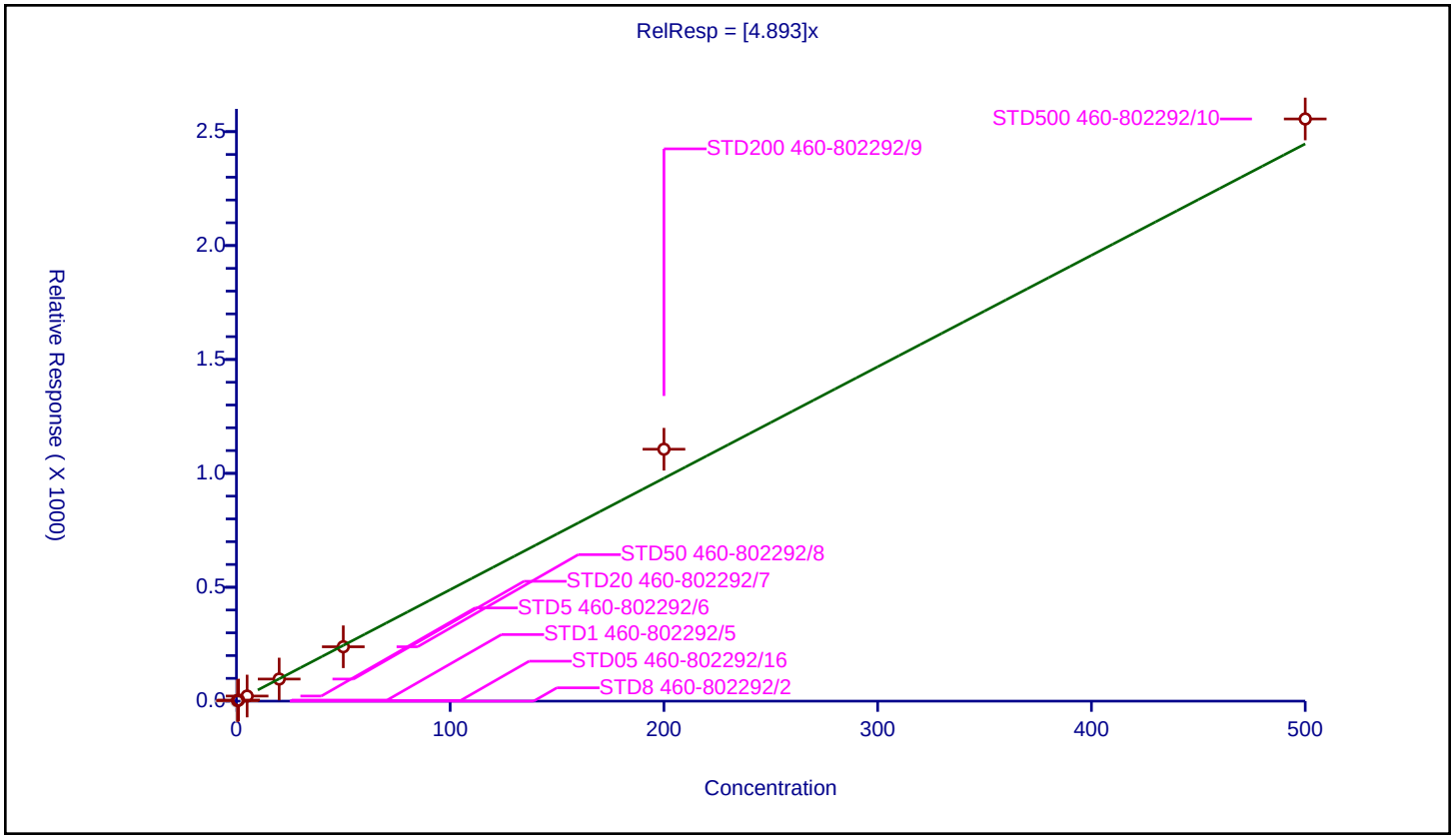
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.893 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4990000 |
| **Relative Standard Error:** | 7.0 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.994 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.429169 | 50.0 | 158758.0 | 4.858338 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 4.653947 | 50.0 | 154514.0 | 4.653947 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 22.359404 | 50.0 | 168835.0 | 4.471881 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 97.029835 | 50.0 | 180192.0 | 4.851492 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 238.705978 | 50.0 | 199703.0 | 4.77412 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1105.953508 | 50.0 | 195347.0 | 5.529768 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2555.781187 | 50.0 | 222930.0 | 5.111562 | Y |



## Calibration / p-Diethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

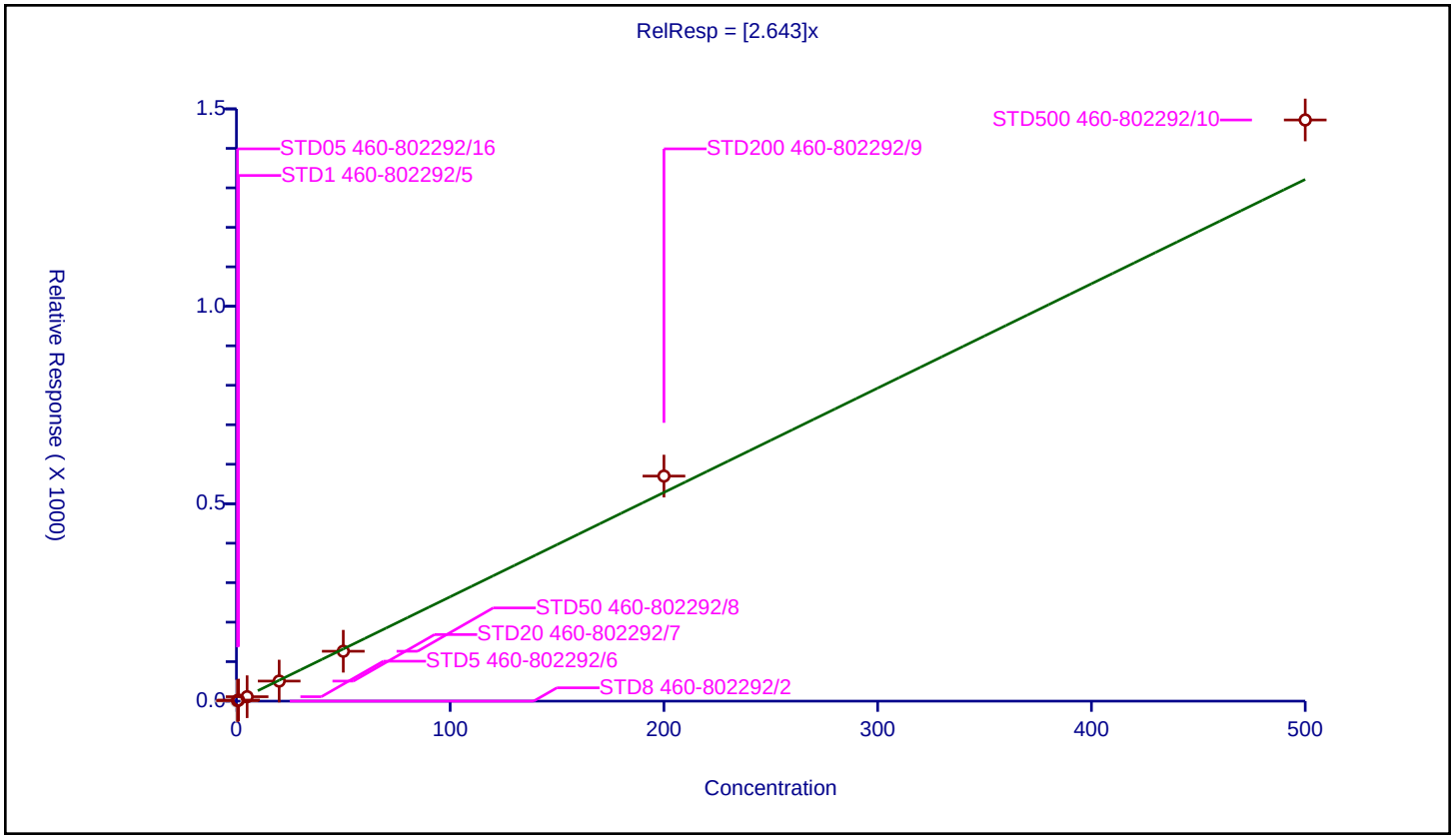
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.643 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2840000 |
| **Relative Standard Error:** | 8.9 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.375049 | 50.0 | 158758.0 | 2.750098 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 2.644744 | 50.0 | 154514.0 | 2.644744 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 11.205319 | 50.0 | 168835.0 | 2.241064 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 50.849927 | 50.0 | 180192.0 | 2.542496 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 126.34988 | 50.0 | 199703.0 | 2.526998 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 570.071463 | 50.0 | 195347.0 | 2.850357 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1471.939174 | 50.0 | 222930.0 | 2.943878 | Y |



## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

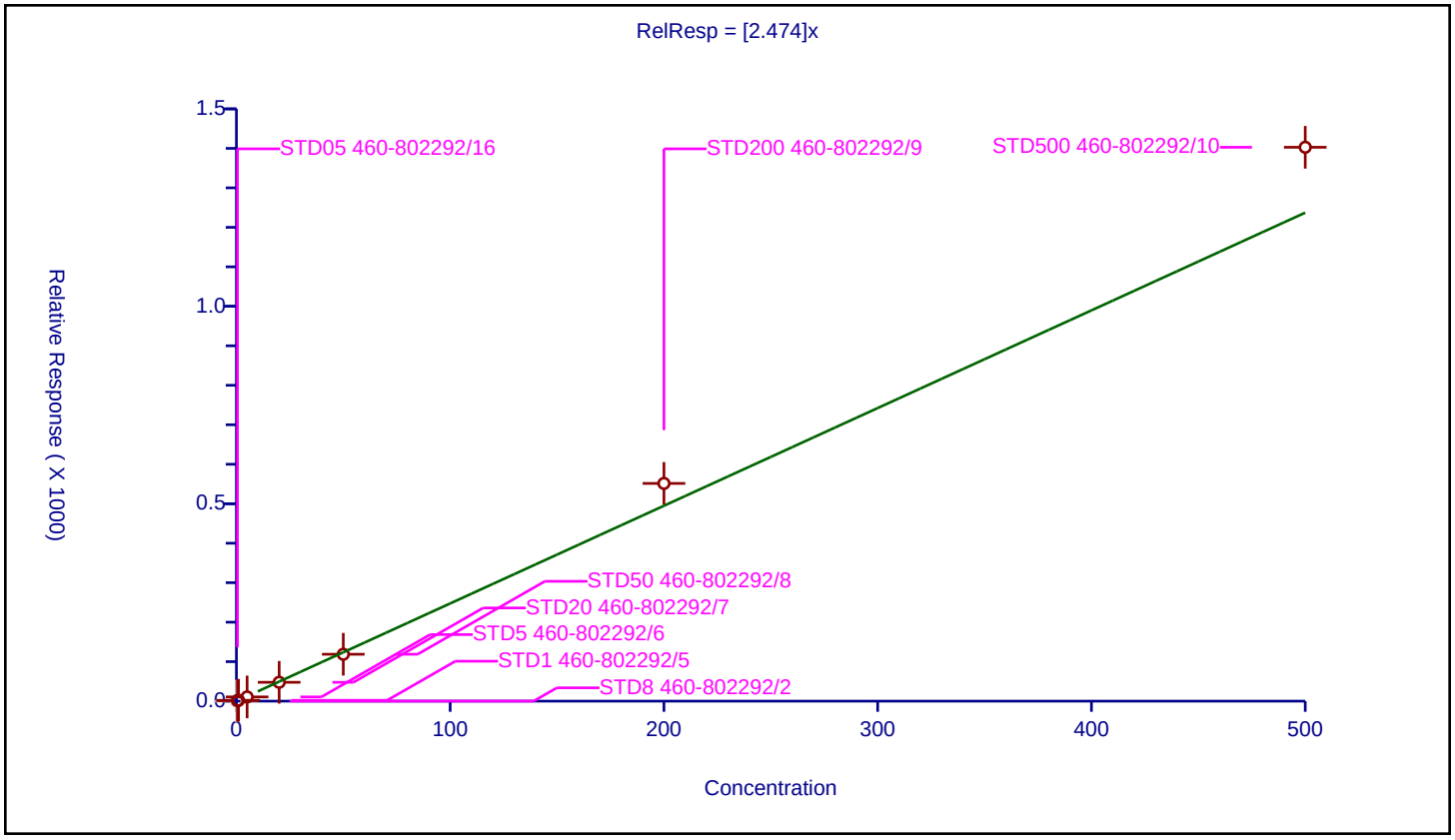
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.474 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2710000 |
| **Relative Standard Error:** | 11.9 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.983 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.37001 | 50.0 | 158758.0 | 2.740019 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 2.115019 | 50.0 | 154514.0 | 2.115019 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 10.705126 | 50.0 | 168835.0 | 2.141025 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 47.730199 | 50.0 | 180192.0 | 2.38651 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 118.736574 | 50.0 | 199703.0 | 2.374731 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 551.41415 | 50.0 | 195347.0 | 2.757071 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1402.766788 | 50.0 | 222930.0 | 2.805534 | Y |



## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

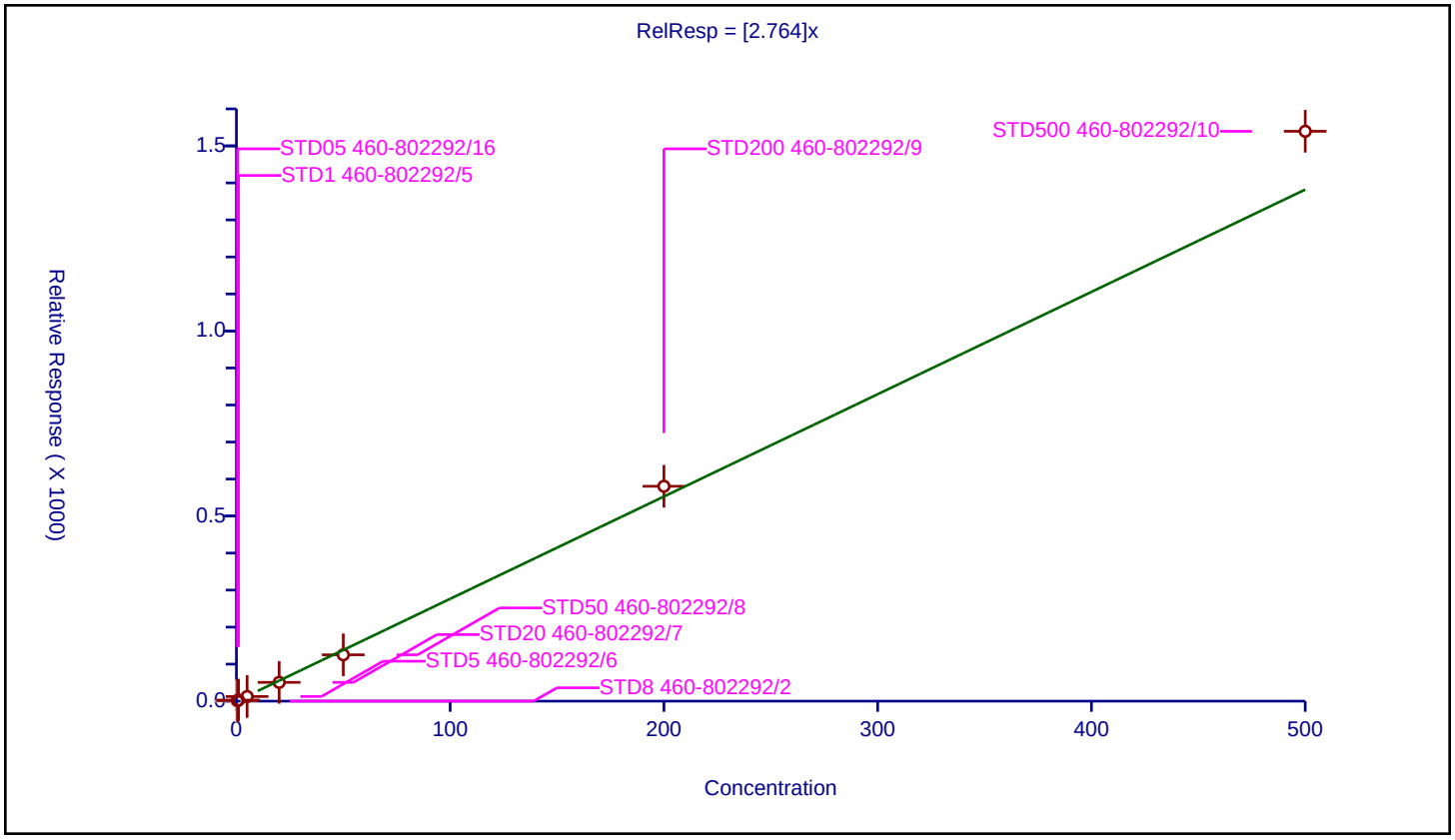
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.764 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2960000 |
| **Relative Standard Error:** | 8.9 |
| **Correlation Coefficient:** | 0.995 |
| **Coefficient of Determination (Adjusted):** | 0.990 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.498822 | 50.0 | 158758.0 | 2.997644 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 2.829193 | 50.0 | 154514.0 | 2.829193 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 12.503628 | 50.0 | 168835.0 | 2.500726 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 50.700919 | 50.0 | 180192.0 | 2.535046 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 125.172631 | 50.0 | 199703.0 | 2.503453 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 580.503924 | 50.0 | 195347.0 | 2.90252 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1539.459023 | 50.0 | 222930.0 | 3.078918 | Y |



## Calibration / 1,2,4,5-Tetramethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

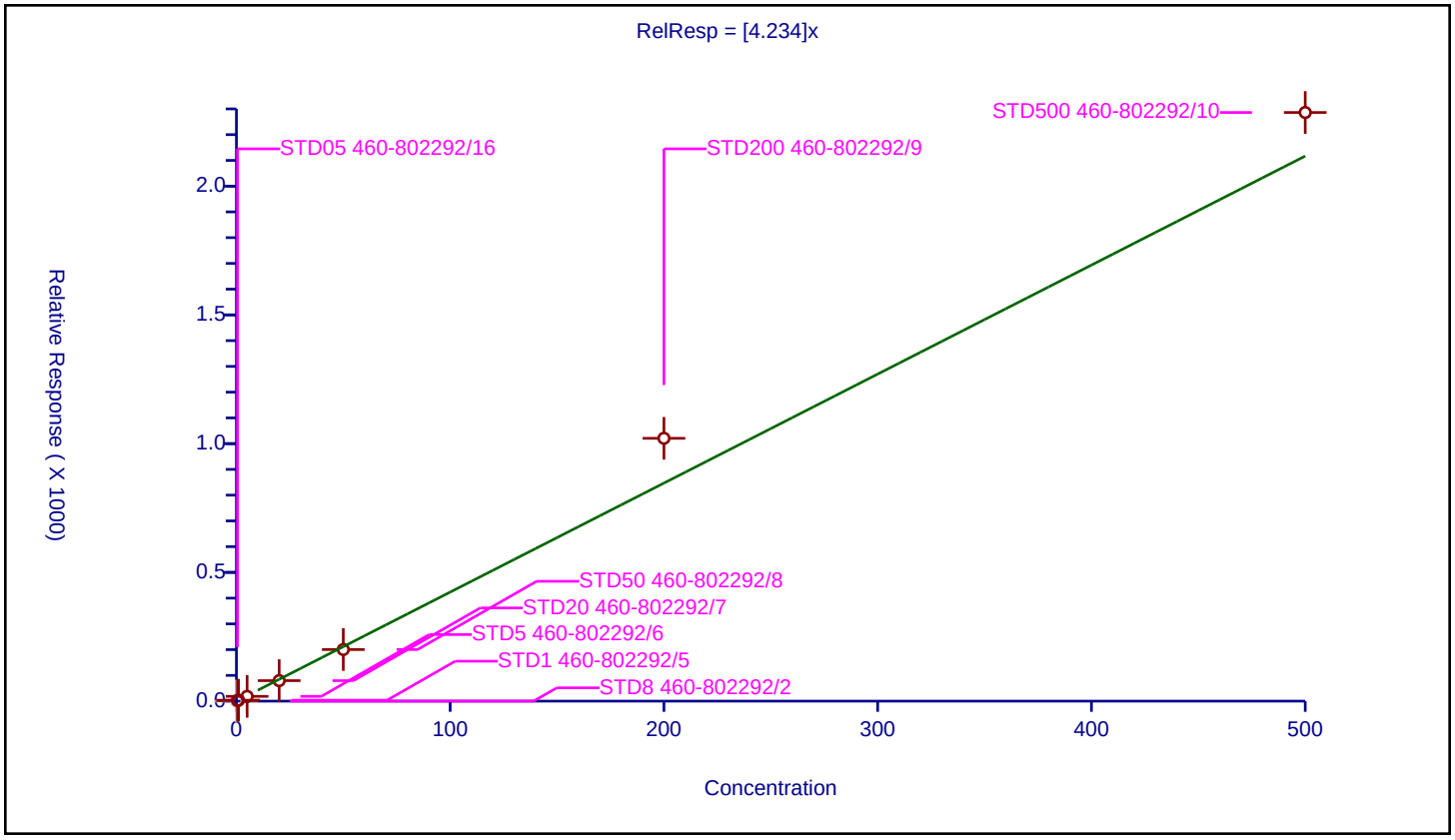
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.234 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4480000 |
| **Relative Standard Error:** | 12.9 |
| **Correlation Coefficient:** | 1.000 |
| **Coefficient of Determination (Adjusted):** | 0.980 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.314844 | 50.0 | 158758.0 | 4.629688 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 3.623296 | 50.0 | 154514.0 | 3.623296 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 18.594782 | 50.0 | 168835.0 | 3.718956 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 79.593156 | 50.0 | 180192.0 | 3.979658 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 200.414115 | 50.0 | 199703.0 | 4.008282 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1020.763564 | 50.0 | 195347.0 | 5.103818 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2286.062441 | 50.0 | 222930.0 | 4.572125 | Y |



## Calibration / 1,2-Dibromo-3-Chloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

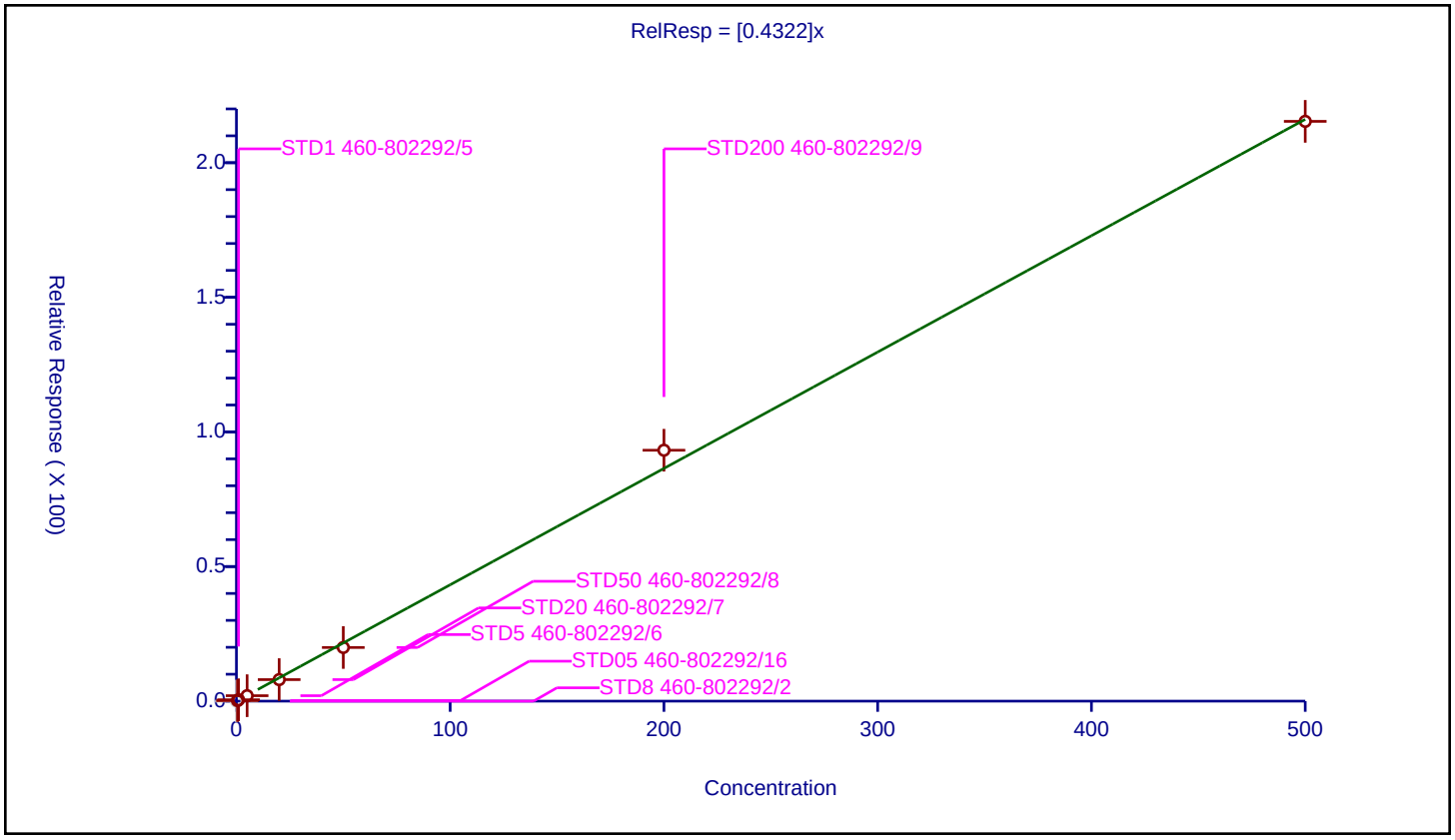
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4322 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 421000 |
| **Relative Standard Error:** | 9.9 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.988 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.206604 | 50.0 | 158758.0 | 0.413208 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.512899 | 50.0 | 154514.0 | 0.512899 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 2.021796 | 50.0 | 168835.0 | 0.404359 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 7.995083 | 50.0 | 180192.0 | 0.399754 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 19.932099 | 50.0 | 199703.0 | 0.398642 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 93.206704 | 50.0 | 195347.0 | 0.466034 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 215.374333 | 50.0 | 222930.0 | 0.430749 | Y |



## Calibration / 1,3,5-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

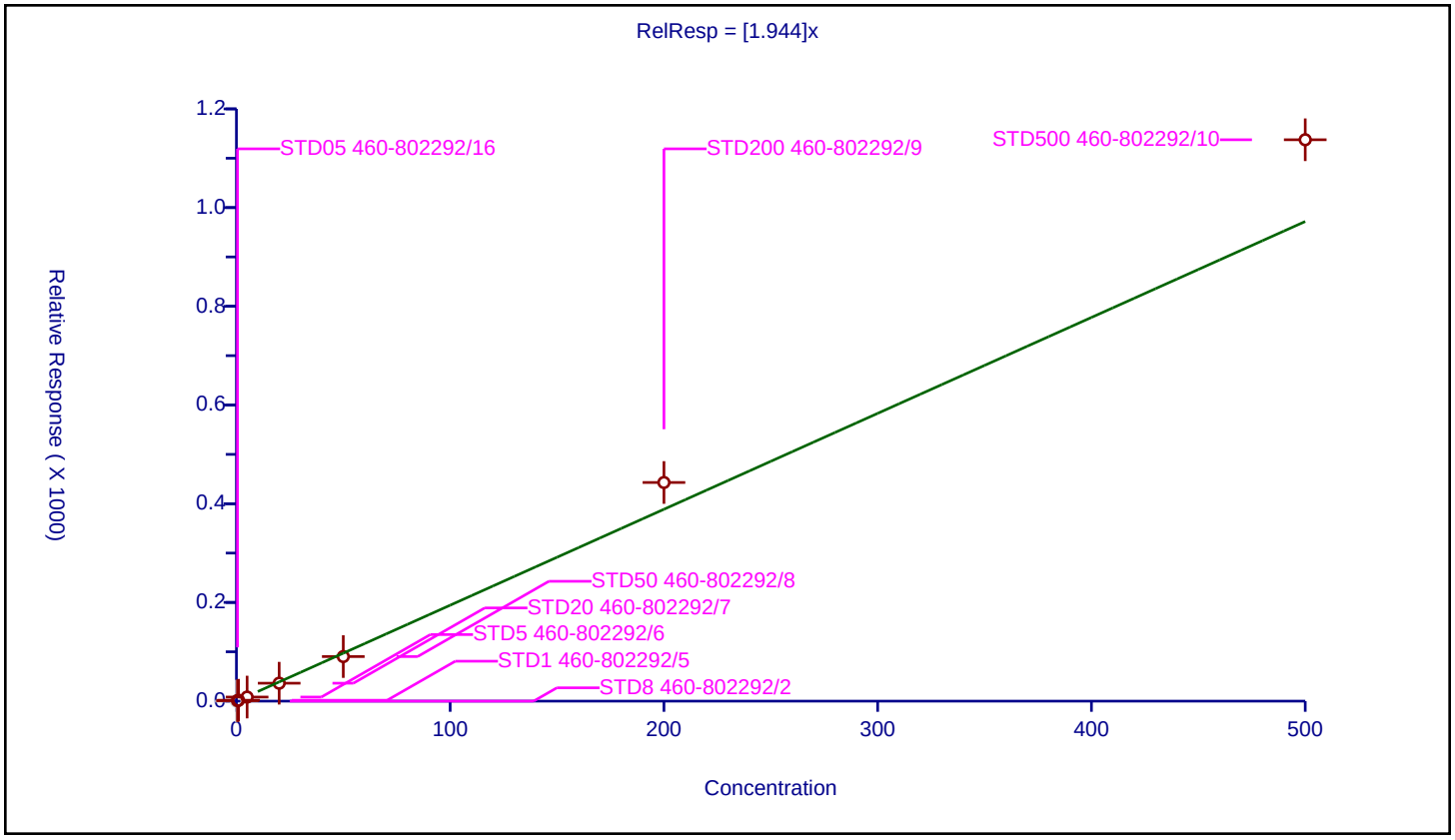
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.944 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2190000 |
| **Relative Standard Error:** | 12.2 |
| **Correlation Coefficient:** | 0.997 |
| **Coefficient of Determination (Adjusted):** | 0.982 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.023885 | 50.0 | 158758.0 | 2.047771 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.784952 | 50.0 | 154514.0 | 1.784952 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 8.299523 | 50.0 | 168835.0 | 1.659905 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 36.324865 | 50.0 | 180192.0 | 1.816243 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 90.330391 | 50.0 | 199703.0 | 1.806608 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 443.025232 | 50.0 | 195347.0 | 2.215126 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1137.453909 | 50.0 | 222930.0 | 2.274908 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

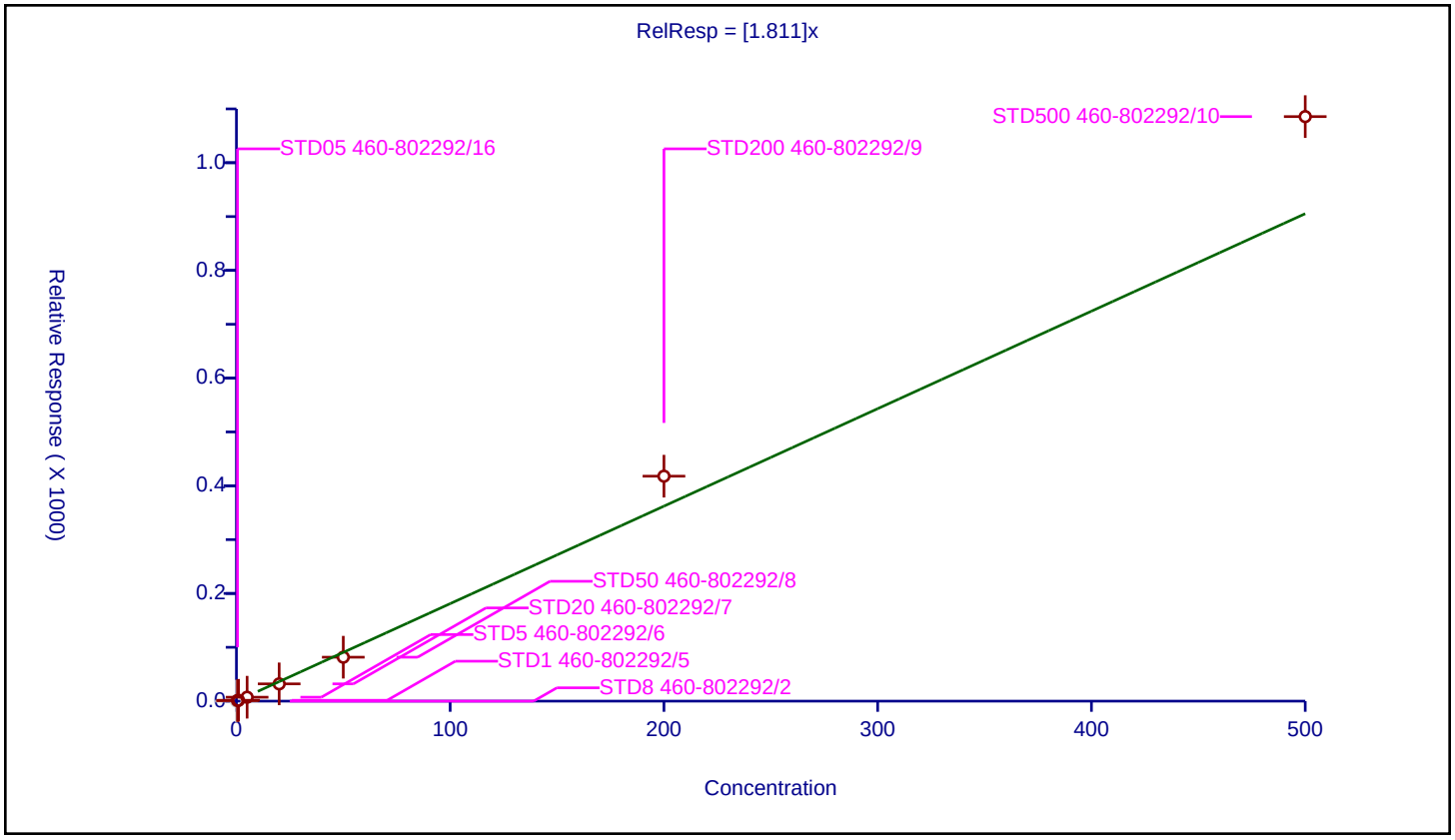
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.811 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 2090000 |
| **Relative Standard Error:** | 17.1 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.963 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.073647 | 50.0 | 158758.0 | 2.147293 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.572997 | 50.0 | 154514.0 | 1.572997 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 7.291142 | 50.0 | 168835.0 | 1.458228 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 32.069959 | 50.0 | 180192.0 | 1.603498 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 81.606436 | 50.0 | 199703.0 | 1.632129 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 417.845936 | 50.0 | 195347.0 | 2.08923 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1085.667026 | 50.0 | 222930.0 | 2.171334 | Y |



## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

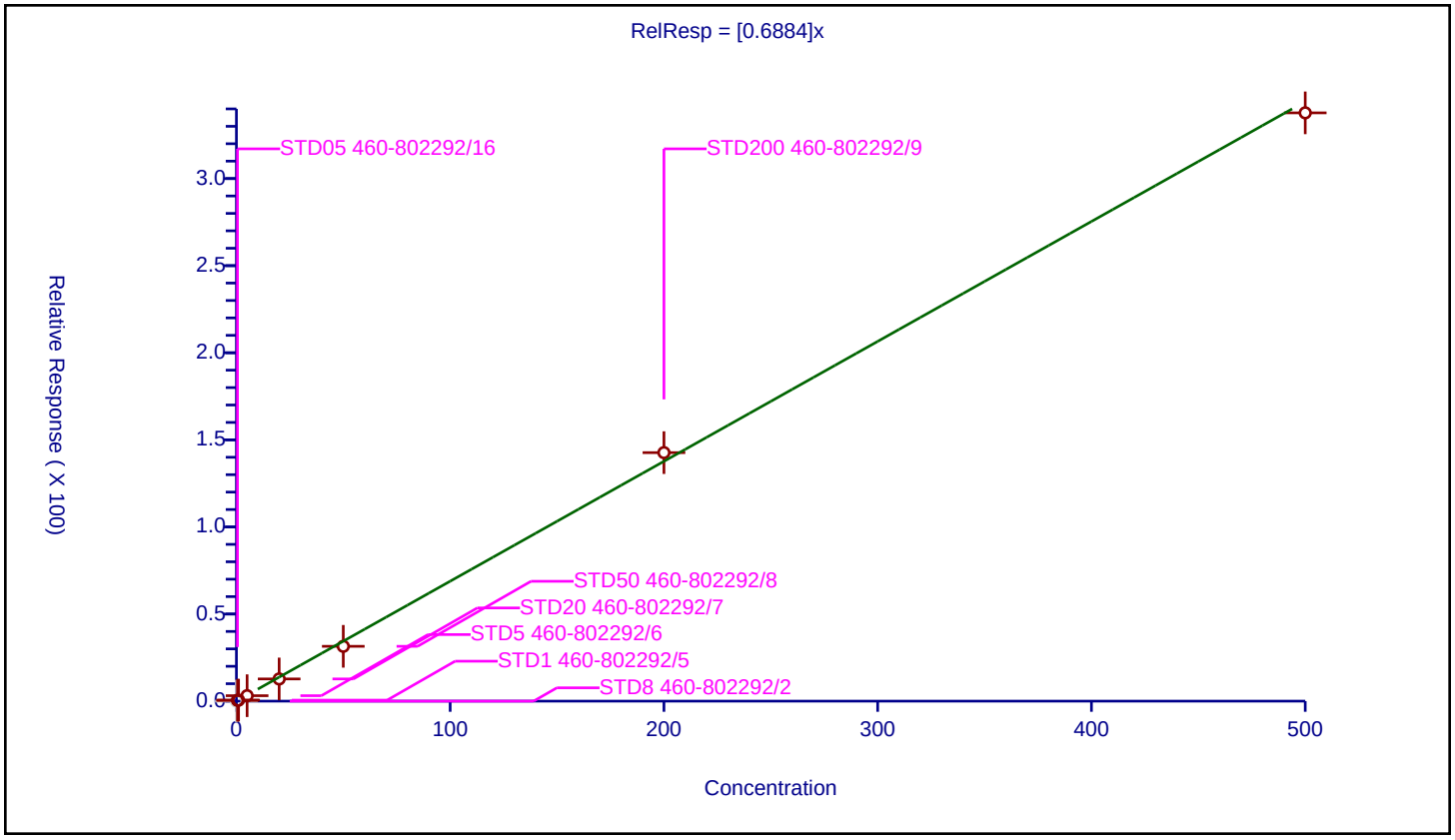
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6884 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 658000 |
| **Relative Standard Error:** | 18.3 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.952 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 0.479031 | 50.0 | 158758.0 | 0.958062 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 0.578912 | 50.0 | 154514.0 | 0.578912 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 3.13294 | 50.0 | 168835.0 | 0.626588 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 12.738634 | 50.0 | 180192.0 | 0.636932 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 31.479998 | 50.0 | 199703.0 | 0.6296 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 142.666895 | 50.0 | 195347.0 | 0.713334 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 337.728211 | 50.0 | 222930.0 | 0.675456 | Y |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

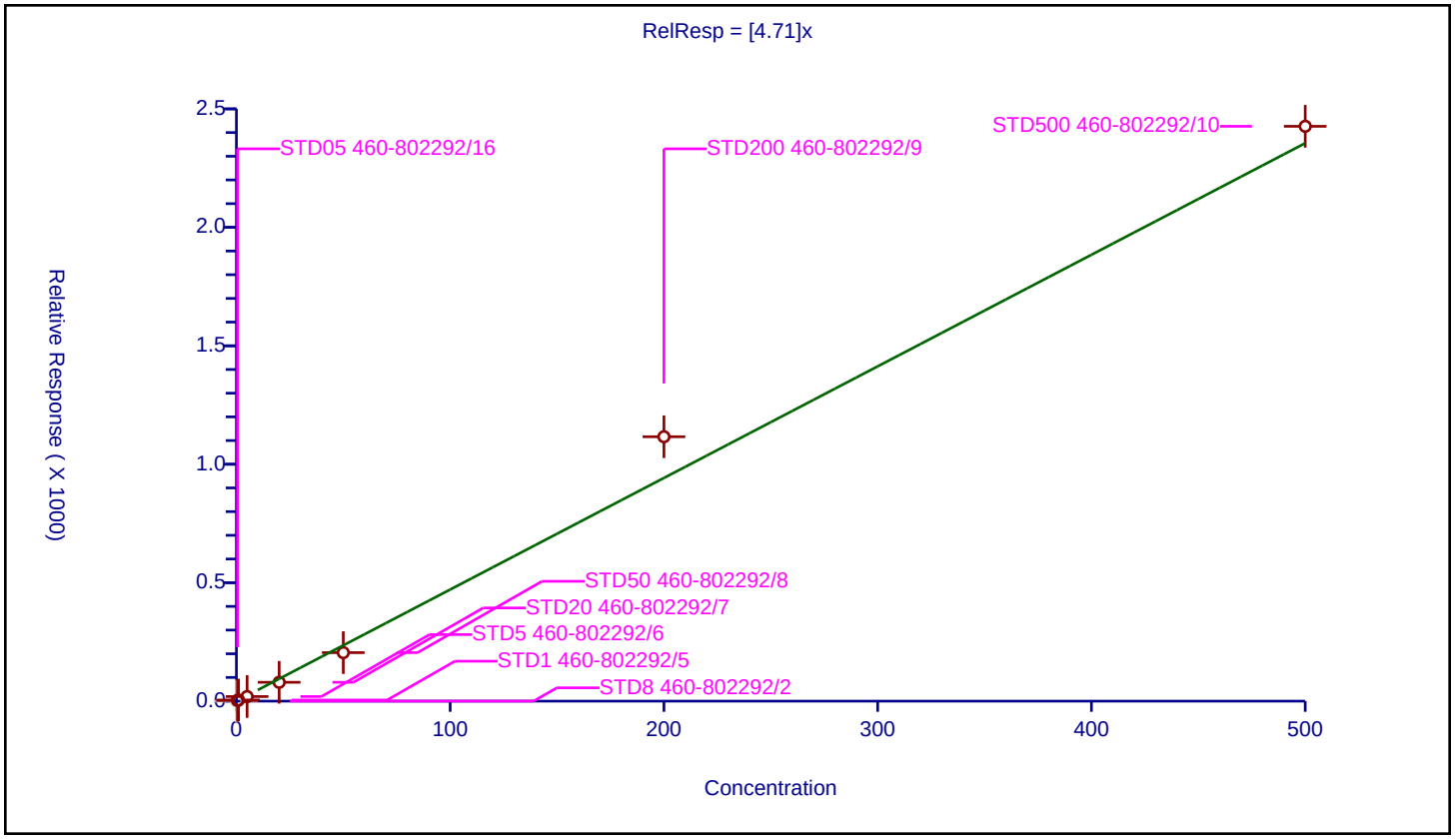
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.71 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 4770000 |
| **Relative Standard Error:** | 17.1 |
| **Correlation Coefficient:** | 0.999 |
| **Coefficient of Determination (Adjusted):** | 0.960 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 2.967095 | 50.0 | 158758.0 | 5.934189 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 4.662037 | 50.0 | 154514.0 | 4.662037 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 19.362988 | 50.0 | 168835.0 | 3.872598 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 79.491598 | 50.0 | 180192.0 | 3.97458 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 204.814399 | 50.0 | 199703.0 | 4.096288 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 1116.121312 | 50.0 | 195347.0 | 5.580607 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 2426.461894 | 50.0 | 222930.0 | 4.852924 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

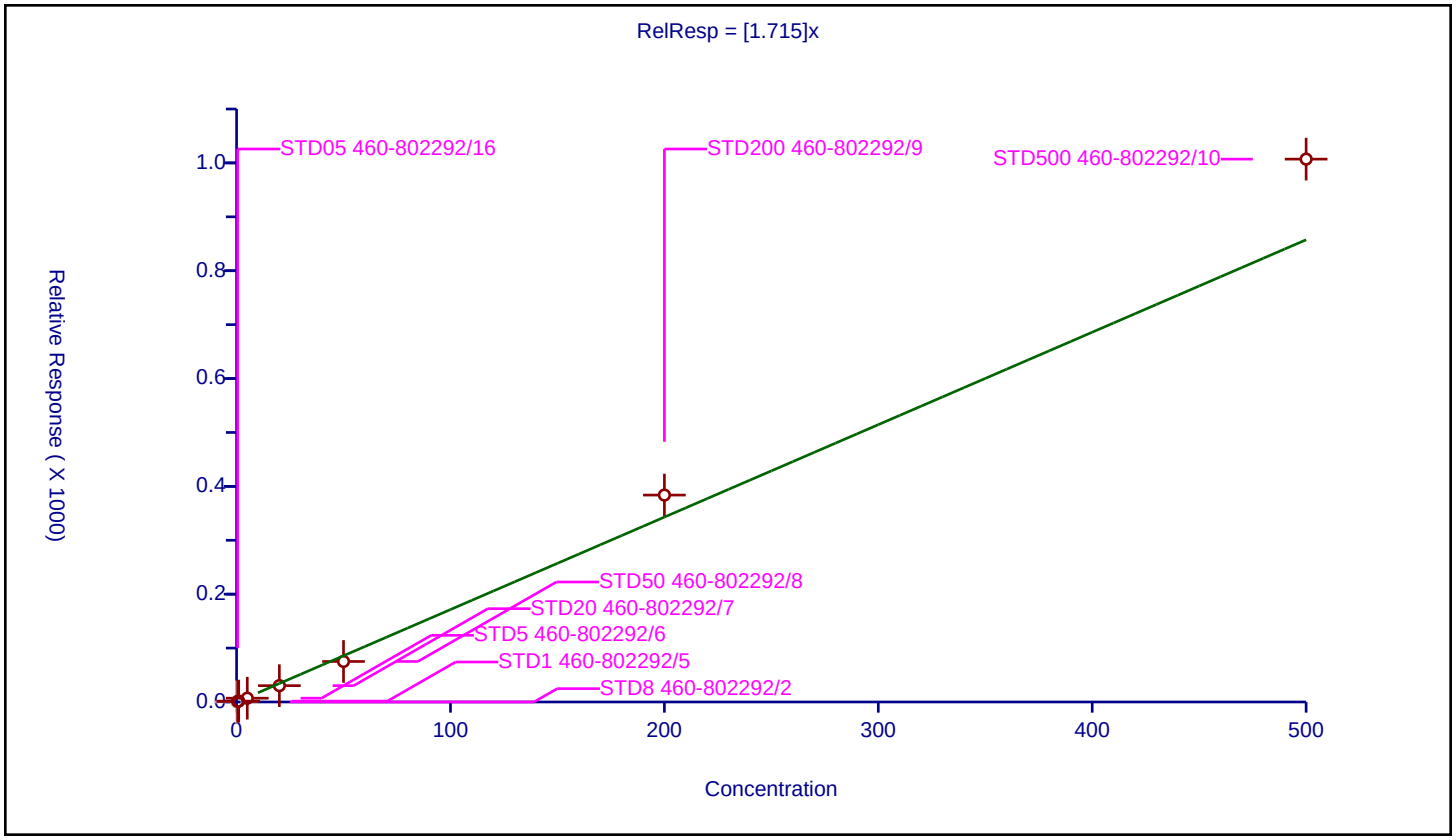
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.715 |

**Error Coefficients**

| | |
|---|---|
| **Standard Error:** | 1940000 |
| **Relative Standard Error:** | 15.7 |
| **Correlation Coefficient:** | 0.996 |
| **Coefficient of Determination (Adjusted):** | 0.968 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD8 460-802292/2 | 0.0 | 0.0 | 50.0 | 181222.0 | NaN | N |
| 2 | STD05 460-802292/16 | 0.5 | 1.02357 | 50.0 | 158758.0 | 2.047141 | Y |
| 3 | STD1 460-802292/5 | 1.0 | 1.598884 | 50.0 | 154514.0 | 1.598884 | Y |
| 4 | STD5 460-802292/6 | 5.0 | 7.035567 | 50.0 | 168835.0 | 1.407113 | Y |
| 5 | STD20 460-802292/7 | 20.0 | 30.278814 | 50.0 | 180192.0 | 1.513941 | Y |
| 6 | STD50 460-802292/8 | 50.0 | 75.173132 | 50.0 | 199703.0 | 1.503463 | Y |
| 7 | STD200 460-802292/9 | 200.0 | 383.834919 | 50.0 | 195347.0 | 1.919175 | Y |
| 8 | STD500 460-802292/10 | 500.0 | 1007.054681 | 50.0 | 222930.0 | 2.014109 | Y |



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: ICV 460-800842/16 Calibration Date: 09/12/2021 16:50

Instrument ID: CVOAMS13 Calib Start Date: 09/12/2021 11:04

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/12/2021 13:49

Lab File ID: P93065.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | Ave | 0.0967 | 0.1060 | | 21.9 | 20.0 | 9.6 | 30.0 |
| Dichlorodifluoromethane | Ave | 0.3587 | 0.3360 | 0.1000 | 18.7 | 20.0 | -6.3 | 30.0 |
| Chlorodifluoromethane | Ave | 0.4686 | 0.4439 | | 18.9 | 20.0 | -5.3 | 30.0 |
| Butadiene | Ave | 0.3398 | 0.2945 | | 17.3 | 20.0 | -13.3 | 30.0 |
| Chloromethane | Ave | 0.3960 | 0.3519 | 0.1000 | 17.8 | 20.0 | -11.1 | 30.0 |
| Vinyl chloride | Ave | 0.3602 | 0.3202 | 0.1000 | 17.8 | 20.0 | -11.1 | 30.0 |
| Bromomethane | Ave | 2.690 | 2.683 | 0.1000 | 19.9 | 20.0 | -0.3 | 30.0 |
| Chloroethane | Ave | 0.1694 | 0.1559 | 0.1000 | 18.4 | 20.0 | -8.0 | 30.0 |
| Pentane | Ave | 3.080 | 5.261 | | 68.3 | 40.0 | 70.9* | 30.0 |
| Trichlorofluoromethane | Ave | 0.3957 | 0.4001 | 0.1000 | 20.2 | 20.0 | 1.1 | 30.0 |
| Dichlorofluoromethane | Ave | 0.3917 | 0.4363 | | 22.3 | 20.0 | 11.4 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.4943 | 0.5354 | | 21.7 | 20.0 | 8.3 | 30.0 |
| Ethyl ether | Ave | 0.2114 | 0.2046 | | 19.4 | 20.0 | -3.2 | 30.0 |
| 1,1-Dichloroethene | Ave | 0.2504 | 0.2428 | 0.1000 | 19.4 | 20.0 | -3.0 | 30.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.1042 | 0.0985 | | 18.9 | 20.0 | -5.4 | 30.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.2331 | 0.2401 | 0.1000 | 20.6 | 20.0 | 3.0 | 30.0 |
| Carbon disulfide | Ave | 0.9944 | 0.9347 | 0.1000 | 18.8 | 20.0 | -6.0 | 30.0 |
| Ethanol | Ave | 0.0946 | 0.1006 | | 851 | 800 | 6.3 | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.4030 | 0.3710 | | 18.4 | 20.0 | -7.9 | 30.0 |
| Iodomethane | Qua2 | | 0.2244 | | 20.9 | 20.0 | 4.6 | 30.0 |
| Cyclopentene | Ave | 0.6256 | 0.6541 | | 20.9 | 20.0 | 4.6 | 30.0 |
| Acrolein | Ave | 1.116 | 0.9134 | | 32.8 | 40.1 | -18.1 | 30.0 |
| 3-Chloro-1-propene | Ave | 0.1614 | 0.1551 | | 19.2 | 20.0 | -3.9 | 30.0 |
| Isopropyl alcohol | Ave | 0.7673 | 0.7464 | | 195 | 200 | -2.7 | 30.0 |
| Methylene Chloride | Ave | 0.3126 | 0.2892 | 0.1000 | 18.5 | 20.0 | -7.5 | 30.0 |
| Acetone | Ave | 0.6374 | 0.5843 | 0.0500 | 91.7 | 100 | -8.3 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.2817 | 0.2700 | 0.1000 | 19.2 | 20.0 | -4.2 | 30.0 |
| Methyl acetate | Ave | 8.958 | 8.807 | 0.1000 | 39.3 | 40.0 | -1.7 | 30.0 |
| Hexane | Ave | 0.0727 | 0.0734 | | 20.2 | 20.0 | 0.9 | 30.0 |
| Methyl tert-butyl ether | Ave | 0.6958 | 0.6255 | 0.1000 | 18.0 | 20.0 | -10.1 | 30.0 |
| 2-Methyl-2-propanol | Lin2 | | 1.231 | | 196 | 200 | -2.0 | 30.0 |
| Acetonitrile | Ave | 1.688 | 1.742 | | 206 | 200 | 3.2 | 30.0 |
| Isopropyl ether | Ave | 0.8866 | 0.8156 | | 18.4 | 20.0 | -8.0 | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2461 | 0.2414 | | 19.6 | 20.0 | -1.9 | 30.0 |
| 1,1-Dichloroethane | Ave | 0.5199 | 0.4815 | 0.2000 | 18.5 | 20.0 | -7.4 | 30.0 |
| Acrylonitrile | Lin2 | | 0.0655 | | 172 | 200 | -14.1 | 30.0 |
| Tert-butyl ethyl ether | Ave | 0.8409 | 0.7826 | | 18.6 | 20.0 | -6.9 | 30.0 |
| Vinyl acetate | Ave | 0.5172 | 0.4313 | | 33.4 | 40.0 | -16.6 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 0.3034 | 0.2759 | 0.1000 | 18.2 | 20.0 | -9.1 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: ICV 460-800842/16 Calibration Date: 09/12/2021 16:50

Instrument ID: CVOAMS13 Calib Start Date: 09/12/2021 11:04

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/12/2021 13:49

Lab File ID: P93065.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | Ave | 0.0892 | 0.0882 | | 19.8 | 20.0 | -1.1 | 30.0 |
| Cyclohexane | Ave | 0.4356 | 0.4446 | 0.1000 | 20.4 | 20.0 | 2.1 | 30.0 |
| Chlorobromomethane | Ave | 0.1399 | 0.1254 | | 17.9 | 20.0 | -10.3 | 30.0 |
| Chloroform | Ave | 0.4900 | 0.4631 | 0.2000 | 18.9 | 20.0 | -5.5 | 30.0 |
| Carbon tetrachloride | Ave | 0.3501 | 0.3371 | 0.1000 | 19.3 | 20.0 | -3.7 | 30.0 |
| Ethyl acetate | Ave | 0.3765 | 0.3795 | | 40.3 | 40.0 | 0.8 | 30.0 |
| Methyl acrylate | Ave | 0.1813 | 0.1577 | | 17.4 | 20.0 | -13.0 | 30.0 |
| Tetrahydrofuran | Ave | 1.057 | 1.031 | | 39.0 | 40.0 | -2.5 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.4311 | 0.4173 | 0.1000 | 19.4 | 20.0 | -3.2 | 30.0 |
| 2-Butanone | Ave | 0.3849 | 0.3600 | 0.0500 | 93.5 | 100 | -6.5 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.1442 | 0.1314 | | 18.2 | 20.0 | -8.9 | 30.0 |
| Isooctane | Ave | 0.6188 | 0.6761 | | 21.9 | 20.0 | 9.3 | 30.0 |
| Benzene | Ave | 1.687 | 1.743 | 0.5000 | 20.7 | 20.0 | 3.3 | 30.0 |
| n-Heptane | Ave | 0.1583 | 0.1536 | | 19.4 | 20.0 | -2.9 | 30.0 |
| Propionitrile | Ave | 1.925 | 1.955 | | 203 | 200 | 1.6 | 30.0 |
| Methacrylonitrile | Ave | 0.0816 | 0.0717 | | 176 | 200 | -12.1 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.7209 | 0.6852 | | 19.0 | 20.0 | -4.9 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3433 | 0.3175 | 0.1000 | 18.5 | 20.0 | -7.5 | 30.0 |
| Isobutyl alcohol | Ave | 0.5314 | 0.5596 | | 527 | 500 | 5.3 | 30.0 |
| Isopropyl acetate | Ave | 0.3821 | 0.3842 | | 20.1 | 20.0 | 0.6 | 30.0 |
| Methylcyclohexane | Ave | 0.4111 | 0.4392 | 0.1000 | 21.4 | 20.0 | 6.8 | 30.0 |
| Trichloroethene | Ave | 0.2913 | 0.2854 | 0.2000 | 19.6 | 20.0 | -2.0 | 30.0 |
| Dibromomethane | Ave | 0.1582 | 0.1459 | | 18.5 | 20.0 | -7.7 | 30.0 |
| n-Butanol | Lin2 | | 0.3700 | | 531 | 500 | 6.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3007 | 0.2842 | 0.1000 | 18.9 | 20.0 | -5.5 | 30.0 |
| Bromodichloromethane | Ave | 0.3635 | 0.3542 | 0.2000 | 19.5 | 20.0 | -2.6 | 30.0 |
| Ethyl acrylate | Ave | 0.2450 | 0.2207 | | 18.0 | 20.0 | -9.9 | 30.0 |
| Methyl methacrylate | Ave | 0.0551 | 0.0519 | | 37.7 | 40.0 | -5.8 | 30.0 |
| 1,4-Dioxane | Ave | 1.257 | 1.122 | | 357 | 400 | -10.7 | 30.0 |
| n-Propyl acetate | Ave | 0.2417 | 0.2315 | | 19.2 | 20.0 | -4.2 | 30.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1378 | 0.1258 | | 18.3 | 20.0 | -8.7 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.6643 | 0.6292 | 0.2000 | 18.9 | 20.0 | -5.3 | 30.0 |
| Toluene | Ave | 1.684 | 1.555 | 0.4000 | 18.5 | 20.0 | -7.6 | 30.0 |
| Epichlorohydrin | Lin2 | | 0.2197 | | 22.5 | 20.0 | 12.5 | 30.0 |
| 2-Nitropropane | Ave | 0.0507 | 0.0450 | | 35.5 | 40.0 | -11.2 | 30.0 |
| Tetrachloroethene | Ave | 0.4017 | 0.3862 | 0.2000 | 19.2 | 20.0 | -3.9 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 2.393 | 2.396 | 0.0500 | 100 | 100 | 0.1 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.5505 | 0.5149 | 0.1000 | 18.7 | 20.0 | -6.5 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.2636 | 0.2599 | 0.1000 | 19.7 | 20.0 | -1.4 | 30.0 |
| Ethyl methacrylate | Ave | 0.2293 | 0.2170 | | 18.9 | 20.0 | -5.4 | 30.0 |
| Dibromochloromethane | Ave | 0.3607 | 0.3565 | 0.1000 | 19.8 | 20.0 | -1.2 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: ICV 460-800842/16 Calibration Date: 09/12/2021 16:50

Instrument ID: CVOAMS13 Calib Start Date: 09/12/2021 11:04

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/12/2021 13:49

Lab File ID: P93065.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichloropropane | Ave | 0.5591 | 0.5494 | | 19.7 | 20.0 | -1.7 | 30.0 |
| Ethylene Dibromide | Ave | 0.3069 | 0.3072 | 0.1000 | 20.0 | 20.0 | 0.0 | 30.0 |
| n-Butyl acetate | Ave | 0.3332 | 0.3317 | | 19.9 | 20.0 | -0.4 | 30.0 |
| 2-Hexanone | Ave | 1.601 | 1.680 | 0.0500 | 105 | 100 | 4.9 | 30.0 |
| Chlorobenzene | Ave | 1.055 | 1.017 | 0.5000 | 19.3 | 20.0 | -3.5 | 30.0 |
| Ethylbenzene | Ave | 0.5654 | 0.5312 | 0.1000 | 18.8 | 20.0 | -6.1 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3899 | 0.3802 | | 19.5 | 20.0 | -2.5 | 30.0 |
| m-Xylene & p-Xylene | Ave | 0.6849 | 0.6939 | 0.1000 | 20.3 | 20.0 | 1.3 | 30.0 |
| o-Xylene | Ave | 0.6755 | 0.6762 | 0.3000 | 20.0 | 20.0 | 0.1 | 30.0 |
| Bromoform | Ave | 0.2245 | 0.2183 | 0.1000 | 19.5 | 20.0 | -2.7 | 30.0 |
| Styrene | Ave | 1.151 | 1.133 | 0.3000 | 19.7 | 20.0 | -1.6 | 30.0 |
| n-Butyl acrylate | Ave | 0.2321 | 0.2464 | | 21.2 | 20.0 | 6.2 | 30.0 |
| Isopropylbenzene | Ave | 1.741 | 1.761 | 0.1000 | 20.2 | 20.0 | 1.1 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 0.9439 | 0.9324 | | 19.8 | 20.0 | -1.2 | 30.0 |
| Bromobenzene | Ave | 0.8238 | 0.7916 | | 19.2 | 20.0 | -3.9 | 30.0 |
| N-Propylbenzene | Ave | 3.765 | 3.694 | | 19.6 | 20.0 | -1.9 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.7063 | 0.6338 | 0.3000 | 17.9 | 20.0 | -10.3 | 30.0 |
| 2-Chlorotoluene | Ave | 2.647 | 2.554 | | 19.3 | 20.0 | -3.5 | 30.0 |
| 4-Ethyltoluene | Ave | 3.171 | 3.173 | | 20.0 | 20.0 | 0.0 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.2004 | 0.1793 | | 17.9 | 20.0 | -10.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.667 | 2.622 | | 19.7 | 20.0 | -1.7 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.1847 | 0.1689 | | 18.3 | 20.0 | -8.5 | 30.0 |
| 4-Chlorotoluene | Ave | 2.393 | 2.365 | | 19.8 | 20.0 | -1.2 | 30.0 |
| tert-Butylbenzene | Ave | 2.200 | 2.132 | | 19.4 | 20.0 | -3.1 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 2.761 | 2.700 | | 19.6 | 20.0 | -2.2 | 30.0 |
| Butyl Methacrylate | Ave | 0.9611 | 0.9215 | | 19.2 | 20.0 | -4.1 | 30.0 |
| sec-Butylbenzene | Ave | 3.183 | 3.175 | | 20.0 | 20.0 | -0.2 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.527 | 1.507 | 0.6000 | 19.7 | 20.0 | -1.3 | 30.0 |
| 4-Isopropyltoluene | Ave | 2.793 | 2.765 | | 19.8 | 20.0 | -1.0 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.613 | 1.583 | 0.5000 | 19.6 | 20.0 | -1.9 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.886 | 2.873 | | 19.9 | 20.0 | -0.4 | 30.0 |
| Indan | Ave | 2.844 | 2.865 | | 20.1 | 20.0 | 0.7 | 30.0 |
| Benzyl chloride | Ave | 0.3224 | 0.3239 | | 20.1 | 20.0 | 0.5 | 30.0 |
| p-Diethylbenzene | Ave | 1.412 | 1.695 | | 24.0 | 20.0 | 20.0 | 30.0 |
| n-Butylbenzene | Ave | 2.584 | 2.508 | | 19.4 | 20.0 | -3.0 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.420 | 1.419 | 0.4000 | 20.0 | 20.0 | -0.1 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 2.655 | 2.690 | | 20.3 | 20.0 | 1.4 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1303 | 0.1244 | 0.0500 | 19.1 | 20.0 | -4.6 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 1.047 | 1.119 | | 21.4 | 20.0 | 6.8 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.8872 | 0.9081 | 0.2000 | 20.5 | 20.0 | 2.4 | 30.0 |
| Hexachlorobutadiene | Ave | 0.3463 | 0.3518 | | 20.3 | 20.0 | 1.6 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Lab Sample ID: ICV 460-800842/16  Calibration Date: 09/12/2021 16:50

Instrument ID: CVOAMS13  Calib Start Date: 09/12/2021 11:04

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 09/12/2021 13:49

Lab File ID: P93065.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | Ave | 1.770 | 1.735 | | 19.6 | 20.0 | -2.0 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.6278 | 0.6650 | | 21.2 | 20.0 | 5.9 | 30.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2330 | 0.2213 | | 47.5 | 50.0 | -5.0 | 30.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2568 | 0.2471 | | 48.1 | 50.0 | -3.8 | 30.0 |
| Toluene-d8 (Surr) | Ave | 1.274 | 1.226 | | 48.1 | 50.0 | -3.8 | 30.0 |
| Bromofluorobenzene | Ave | 0.4122 | 0.4217 | | 51.1 | 50.0 | 2.3 | 30.0 |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93065.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 12-Sep-2021 16:50:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0134419-016
Operator ID: Instrument ID: CVOAMS13
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Sep-2021 09:14:38 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1636

First Level Reviewer: delpolitov Date: 14-Sep-2021 09:15:47

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.692 | 0.692 | 0.000 | 90 | 21875 | 20.0 | 21.9 | |
| 3 Dichlorodifluoromethane | 85 | 0.706 | 0.699 | 0.007 | 99 | 69342 | 20.0 | 18.7 | |
| 168 Chlorodifluoromethane | 51 | 0.771 | 0.771 | 0.000 | 96 | 91627 | 20.0 | 18.9 | |
| 6 Chloromethane | 50 | 0.814 | 0.814 | 0.000 | 99 | 72628 | 20.0 | 17.8 | |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 87 | 66087 | 20.0 | 17.8 | |
| 175 Butadiene | 54 | 0.814 | 0.814 | 0.000 | 97 | 60793 | 20.0 | 17.3 | |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 99 | 32337 | 20.0 | 19.9 | |
| 10 Chloroethane | 64 | 0.993 | 0.993 | 0.000 | 99 | 32179 | 20.0 | 18.4 | M |
| 11 Pentane | 72 | 1.050 | 1.043 | 0.007 | 96 | 24328 | 40.0 | 68.3 | M |
| 12 Trichlorofluoromethane | 101 | 1.050 | 1.050 | 0.000 | 61 | 82579 | 20.0 | 20.2 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 99 | 90047 | 20.0 | 22.3 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.172 | 1.172 | 0.000 | 96 | 110501 | 20.0 | 21.7 | |
| 15 Ethyl ether | 59 | 1.179 | 1.179 | 0.000 | 97 | 42224 | 20.0 | 19.4 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.265 | 1.265 | 0.000 | 74 | 20340 | 20.0 | 18.9 | |
| 17 1,1-Dichloroethene | 96 | 1.265 | 1.265 | 0.000 | 98 | 50117 | 20.0 | 19.4 | |
| 16 Ethanol | 46 | 1.287 | 1.286 | 0.000 | 48 | 9299 | 800.0 | 850.6 | a |
| 19 Carbon disulfide | 76 | 1.287 | 1.286 | 0.000 | 99 | 192927 | 20.0 | 18.8 | |
| 20 112TCTFE | 101 | 1.287 | 1.286 | 0.000 | 51 | 49556 | 20.0 | 20.6 | |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.294 | 1.294 | 0.000 | 94 | 76569 | 20.0 | 18.4 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 97 | 46307 | 20.0 | 20.9 | |
| 169 Cyclopentene | 67 | 1.401 | 1.401 | 0.000 | 96 | 135008 | 20.0 | 20.9 | |
| 24 Acrolein | 56 | 1.423 | 1.423 | 0.000 | 95 | 4229 | 40.1 | 32.8 | |
| 164 3-Chloro-1-propene | 76 | 1.487 | 1.487 | 0.000 | 47 | 32015 | 20.0 | 19.2 | |
| 26 Isopropyl alcohol | 45 | 1.509 | 1.508 | 0.001 | 97 | 17256 | 200.0 | 194.5 | |
| 27 Methylene Chloride | 84 | 1.544 | 1.544 | 0.000 | 92 | 59700 | 20.0 | 18.5 | |
| 28 Acetone | 43 | 1.566 | 1.566 | 0.000 | 88 | 35208 | 100.0 | 91.7 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.623 | 1.616 | 0.007 | 95 | 55725 | 20.0 | 19.2 | |
| 30 Methyl acetate | 43 | 1.630 | 1.623 | 0.007 | 99 | 40721 | 40.0 | 39.3 | |
| 31 Hexane | 86 | 1.666 | 1.666 | 0.000 | 91 | 15154 | 20.0 | 20.2 | |
| 32 Methyl tert-butyl ether | 73 | 1.673 | 1.673 | 0.000 | 86 | 129095 | 20.0 | 18.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 33 TBA-d9 (IS) | 65 | 1.688 | 1.688 | 0.000 | 99 | 115597 | 1000.0 | 1000.0 | |
| 34 2-Methyl-2-propanol | 59 | 1.731 | 1.731 | 0.000 | 98 | 28453 | 200.0 | 196.0 | |
| 35 Acetonitrile | 41 | 1.809 | 1.809 | 0.000 | 99 | 40281 | 200.0 | 206.4 | |
| 36 Isopropyl ether | 45 | 1.881 | 1.881 | 0.000 | 96 | 168342 | 20.0 | 18.4 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 91 | 49817 | 20.0 | 19.6 | |
| 38 1,1-Dichloroethane | 63 | 1.946 | 1.938 | 0.008 | 100 | 99387 | 20.0 | 18.5 | |
| 39 Acrylonitrile | 53 | 1.974 | 1.974 | 0.000 | 91 | 135144 | 200.0 | 171.9 | |
| 40 Tert-butyl ethyl ether | 59 | 2.089 | 2.089 | 0.000 | 88 | 161520 | 20.0 | 18.6 | |
| 41 Vinyl acetate | 43 | 2.096 | 2.096 | 0.000 | 100 | 178026 | 40.0 | 33.4 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.261 | 2.261 | 0.000 | 98 | 56938 | 20.0 | 18.2 | |
| 43 2,2-Dichloropropane | 97 | 2.325 | 2.325 | 0.000 | 96 | 18195 | 20.0 | 19.8 | |
| 44 Cyclohexane | 56 | 2.382 | 2.382 | 0.000 | 90 | 91766 | 20.0 | 20.4 | |
| 45 Chlorobromomethane | 128 | 2.390 | 2.390 | 0.000 | 87 | 25887 | 20.0 | 17.9 | |
| 46 Chloroform | 83 | 2.440 | 2.440 | 0.000 | 99 | 95591 | 20.0 | 18.9 | |
| 47 Carbon tetrachloride | 117 | 2.526 | 2.526 | 0.000 | 98 | 69584 | 20.0 | 19.3 | |
| 49 Methyl acrylate | 55 | 2.533 | 2.533 | 0.000 | 98 | 32540 | 20.0 | 17.4 | |
| 48 Ethyl acetate | 70 | 2.533 | 2.533 | 0.000 | 99 | 9146 | 40.0 | 40.3 | |
| 50 Tetrahydrofuran | 42 | 2.540 | 2.533 | 0.007 | 70 | 24840 | 40.0 | 39.0 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.561 | 0.001 | 96 | 114207 | 50.0 | 47.5 | |
| 52 1,1,1-Trichloroethane | 97 | 2.569 | 2.561 | 0.008 | 97 | 86138 | 20.0 | 19.4 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 150637 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.647 | 2.647 | 0.000 | 100 | 21689 | 100.0 | 93.5 | |
| 55 1,1-Dichloropropene | 110 | 2.655 | 2.655 | 0.000 | 97 | 27115 | 20.0 | 18.2 | |
| 56 Isooctane | 57 | 2.741 | 2.733 | 0.008 | 99 | 139538 | 20.0 | 21.9 | |
| 58 Benzene | 78 | 2.827 | 2.826 | 0.001 | 96 | 239473 | 20.0 | 20.7 | |
| 57 n-Heptane | 57 | 2.827 | 2.826 | 0.001 | 47 | 31713 | 20.0 | 19.4 | a |
| 59 Propionitrile | 54 | 2.848 | 2.841 | 0.007 | 98 | 45197 | 200.0 | 203.1 | |
| 60 Methacrylonitrile | 67 | 2.862 | 2.855 | 0.007 | 92 | 148017 | 200.0 | 175.9 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.927 | 0.000 | 0 | 127497 | 50.0 | 48.1 | |
| 62 Tert-amyl methyl ether | 73 | 2.934 | 2.934 | 0.000 | 99 | 141429 | 20.0 | 19.0 | |
| 63 1,2-Dichloroethane | 62 | 2.977 | 2.977 | 0.000 | 97 | 65533 | 20.0 | 18.5 | |
| 64 Isobutyl alcohol | 43 | 3.056 | 3.049 | 0.007 | 98 | 32343 | 500.0 | 526.5 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.149 | 0.000 | 99 | 515995 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.213 | 3.213 | 0.000 | 99 | 79306 | 20.0 | 20.1 | |
| 68 Methylcyclohexane | 83 | 3.271 | 3.263 | 0.008 | 96 | 90653 | 20.0 | 21.4 | |
| 69 Trichloroethene | 130 | 3.285 | 3.285 | 0.000 | 99 | 58897 | 20.0 | 19.6 | |
| 71 Dibromomethane | 93 | 3.636 | 3.629 | 0.007 | 96 | 30115 | 20.0 | 18.5 | |
| 72 n-Butanol | 56 | 3.657 | 3.650 | 0.007 | 95 | 21385 | 500.0 | 530.7 | |
| 73 1,2-Dichloropropane | 63 | 3.715 | 3.715 | 0.000 | 92 | 58666 | 20.0 | 18.9 | |
| 75 Dichlorobromomethane | 83 | 3.801 | 3.794 | 0.007 | 99 | 73113 | 20.0 | 19.5 | |
| 74 Ethyl acrylate | 55 | 3.801 | 3.794 | 0.007 | 98 | 45555 | 20.0 | 18.0 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.965 | 3.958 | 0.007 | 89 | 18315 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 3.987 | 3.980 | 0.007 | 88 | 21406 | 40.0 | 37.7 | |
| 78 1,4-Dioxane | 88 | 3.994 | 3.987 | 0.007 | 81 | 8221 | 400.0 | 357.1 | |
| 79 n-Propyl acetate | 43 | 4.145 | 4.137 | 0.008 | 98 | 47784 | 20.0 | 19.2 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.388 | 4.381 | 0.007 | 96 | 25965 | 20.0 | 18.3 | |
| 81 cis-1,3-Dichloropropene | 75 | 4.410 | 4.410 | 0.000 | 93 | 86444 | 20.0 | 18.9 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.596 | 4.589 | 0.007 | 100 | 420959 | 50.0 | 48.1 | |
| 83 Toluene | 91 | 4.646 | 4.646 | 0.000 | 93 | 213628 | 20.0 | 18.5 | |
| 84 Epichlorohydrin | 57 | 4.703 | 4.675 | 0.028 | 95 | 2647 | 20.0 | 22.5 | a |
| 85 2-Nitropropane | 41 | 4.890 | 4.882 | 0.008 | 98 | 18564 | 40.0 | 35.5 | |
| 86 Tetrachloroethene | 166 | 5.054 | 5.054 | 0.000 | 96 | 53051 | 20.0 | 19.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.104 | 5.097 | 0.007 | 94 | 144377 | 100.0 | 100.1 | |
| 88 trans-1,3-Dichloropropene | 75 | 5.133 | 5.133 | 0.000 | 97 | 70732 | 20.0 | 18.7 | |
| 89 1,1,2-Trichloroethane | 83 | 5.298 | 5.298 | 0.000 | 95 | 35706 | 20.0 | 19.7 | |
| 90 Ethyl methacrylate | 69 | 5.391 | 5.391 | 0.000 | 88 | 44781 | 20.0 | 18.9 | |
| 91 Chlorodibromomethane | 129 | 5.491 | 5.491 | 0.000 | 98 | 48979 | 20.0 | 19.8 | |
| 92 1,3-Dichloropropane | 76 | 5.599 | 5.599 | 0.000 | 94 | 75478 | 20.0 | 19.7 | |
| 93 Ethylene Dibromide | 107 | 5.720 | 5.713 | 0.007 | 99 | 42206 | 20.0 | 20.0 | |
| 94 n-Butyl acetate | 43 | 6.086 | 6.079 | 0.008 | 98 | 45573 | 20.0 | 19.9 | |
| 95 2-Hexanone | 43 | 6.136 | 6.129 | 0.007 | 94 | 101204 | 100.0 | 104.9 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 86 | 343448 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.415 | 6.415 | 0.000 | 95 | 139770 | 20.0 | 19.3 | |
| 98 Ethylbenzene | 106 | 6.501 | 6.501 | 0.000 | 98 | 72977 | 20.0 | 18.8 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.530 | 6.523 | 0.007 | 96 | 52227 | 20.0 | 19.5 | |
| 100 m-Xylene & p-Xylene | 106 | 6.716 | 6.709 | 0.007 | 0 | 95328 | 20.0 | 20.3 | |
| 101 o-Xylene | 106 | 7.289 | 7.282 | 0.007 | 93 | 92902 | 20.0 | 20.0 | |
| 102 Bromoform | 173 | 7.346 | 7.346 | 0.000 | 95 | 29989 | 20.0 | 19.5 | |
| 103 Styrene | 104 | 7.375 | 7.375 | 0.000 | 95 | 155658 | 20.0 | 19.7 | |
| 104 n-Butyl acrylate | 73 | 7.719 | 7.712 | 0.007 | 97 | 33855 | 20.0 | 21.2 | |
| 105 Isopropylbenzene | 105 | 7.769 | 7.762 | 0.007 | 96 | 241879 | 20.0 | 20.2 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.127 | 8.127 | 0.000 | 60 | 74129 | 20.0 | 19.8 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 90 | 144839 | 50.0 | 51.1 | |
| 108 Bromobenzene | 156 | 8.227 | 8.227 | 0.000 | 98 | 62938 | 20.0 | 19.2 | |
| 109 N-Propylbenzene | 91 | 8.392 | 8.392 | 0.000 | 99 | 293693 | 20.0 | 19.6 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.550 | 8.543 | 0.007 | 97 | 50391 | 20.0 | 17.9 | |
| 111 2-Chlorotoluene | 91 | 8.550 | 8.550 | 0.000 | 97 | 203031 | 20.0 | 19.3 | |
| 172 4-Ethyltoluene | 105 | 8.578 | 8.578 | 0.000 | 99 | 252239 | 20.0 | 20.0 | |
| 113 1,2,3-Trichloropropane | 110 | 8.664 | 8.664 | 0.000 | 98 | 14259 | 20.0 | 17.9 | |
| 114 1,3,5-Trimethylbenzene | 105 | 8.736 | 8.736 | 0.000 | 93 | 208478 | 20.0 | 19.7 | |
| 115 trans-1,4-Dichloro-2-butene | 53 | 8.808 | 8.793 | 0.015 | 48 | 13430 | 20.0 | 18.3 | |
| 116 4-Chlorotoluene | 91 | 8.815 | 8.815 | 0.000 | 98 | 187990 | 20.0 | 19.8 | |
| 117 tert-Butylbenzene | 119 | 9.195 | 9.187 | 0.007 | 94 | 169537 | 20.0 | 19.4 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.323 | 9.323 | 0.000 | 98 | 214665 | 20.0 | 19.6 | |
| 119 Butyl Methacrylate | 87 | 9.345 | 9.345 | 0.000 | 90 | 73267 | 20.0 | 19.2 | |
| 120 sec-Butylbenzene | 105 | 9.481 | 9.481 | 0.000 | 99 | 252444 | 20.0 | 20.0 | |
| 121 1,3-Dichlorobenzene | 146 | 9.732 | 9.725 | 0.008 | 96 | 119798 | 20.0 | 19.7 | |
| 122 4-Isopropyltoluene | 119 | 9.760 | 9.760 | 0.000 | 98 | 219818 | 20.0 | 19.8 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 95 | 198761 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.882 | 9.882 | 0.000 | 95 | 125858 | 20.0 | 19.6 | |
| 125 1,2,3-Trimethylbenzene | 105 | 9.997 | 9.990 | 0.007 | 99 | 228421 | 20.0 | 19.9 | |
| 165 2,3-Dihydroindene | 117 | 10.162 | 10.161 | 0.001 | 0 | 227754 | 20.0 | 20.1 | |
| 127 Benzyl chloride | 126 | 10.341 | 10.333 | 0.008 | 98 | 25754 | 20.0 | 20.1 | |
| 167 p-Diethylbenzene | 119 | 10.369 | 10.369 | 0.000 | 93 | 134727 | 20.0 | 24.0 | |
| 129 n-Butylbenzene | 91 | 10.448 | 10.448 | 0.000 | 98 | 199368 | 20.0 | 19.4 | |
| 130 1,2-Dichlorobenzene | 146 | 10.541 | 10.541 | 0.000 | 96 | 112800 | 20.0 | 20.0 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.651 | 11.644 | 0.007 | 97 | 213905 | 20.0 | 20.3 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.795 | 11.787 | 0.008 | 96 | 9887 | 20.0 | 19.1 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.845 | 11.845 | 0.000 | 98 | 88962 | 20.0 | 21.4 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.583 | 12.583 | 0.000 | 93 | 72198 | 20.0 | 20.5 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 95 | 27973 | 20.0 | 20.3 | |
| 136 Naphthalene | 128 | 12.898 | 12.891 | 0.007 | 99 | 137909 | 20.0 | 19.6 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.077 | 13.077 | 0.000 | 95 | 52869 | 20.0 | 21.2 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 140 Xylenes, Total | 100 | | | | 0 | | 40.0 | 40.3 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN SP_00128 | Amount Added: | 4.00 | Units: uL | |
| 8FreonsSS_00036 | Amount Added: | 20.00 | Units: uL | |
| 8260 SP_00144 | Amount Added: | 20.00 | Units: uL | |
| GAS C SP_00426 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 14-Sep-2021 09:24:37 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93065.D

Injection Date: 12-Sep-2021 16:50:30 Instrument ID: CVOAMS13 Operator ID:

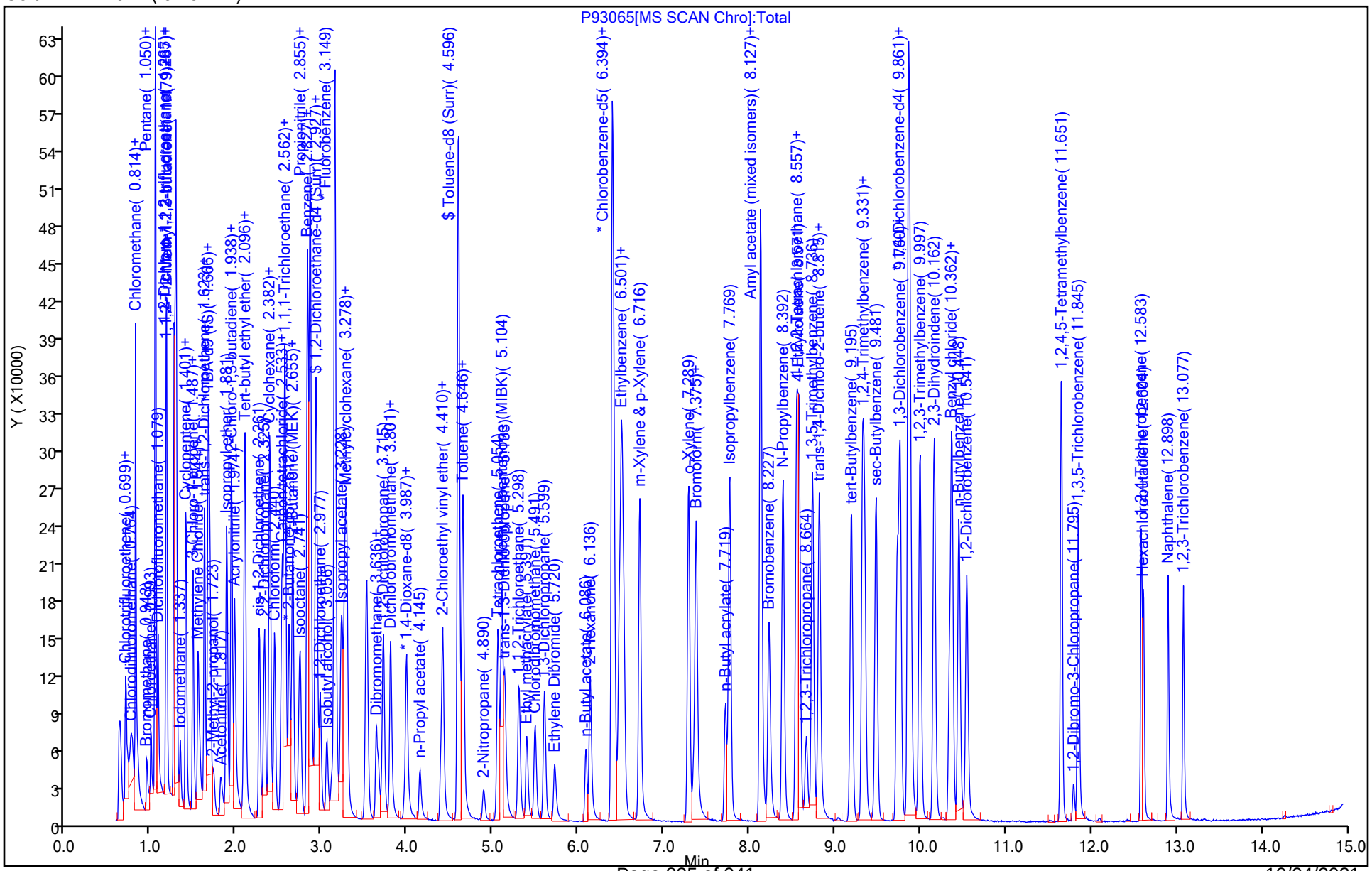
Lims ID: ICV Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

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

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

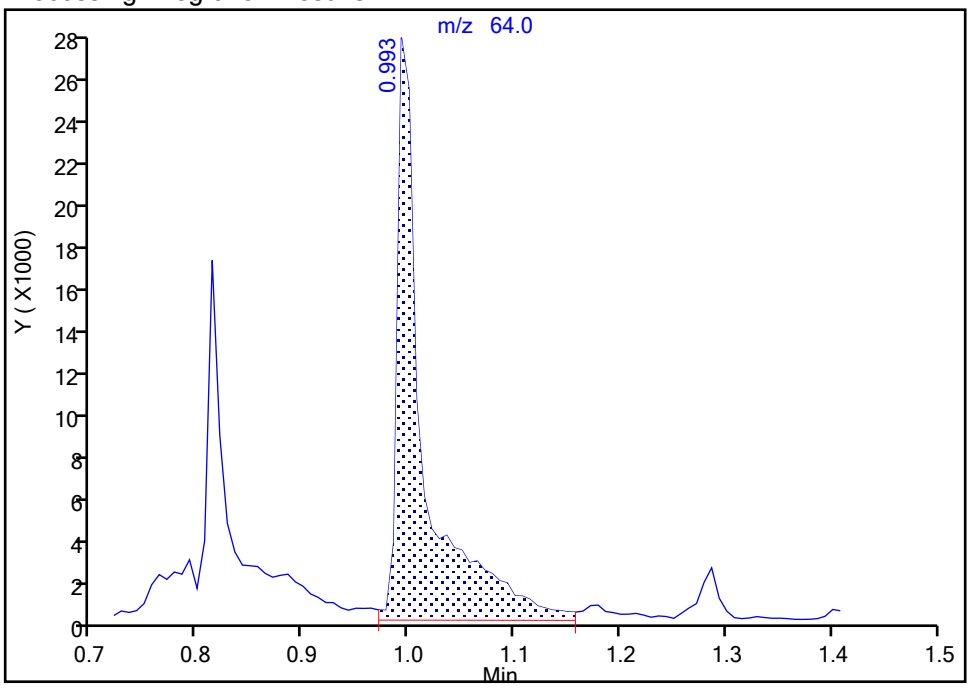
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93065.D
Injection Date: 12-Sep-2021 16:50:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Signal: 1

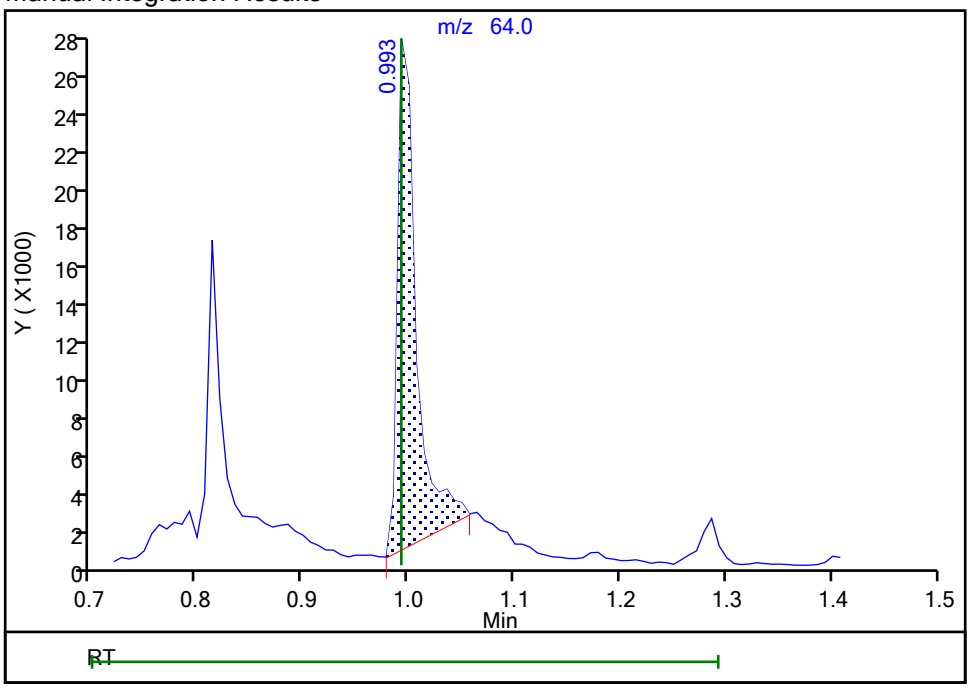
Processing Integration Results

RT: 0.99
Area: 47407
Amount: 27.116084
Amount Units: ug/l




Manual Integration Results

RT: 0.99
Area: 32179
Amount: 18.405899
Amount Units: ug/l




Reviewer: delpolitov, 14-Sep-2021 09:12:40
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

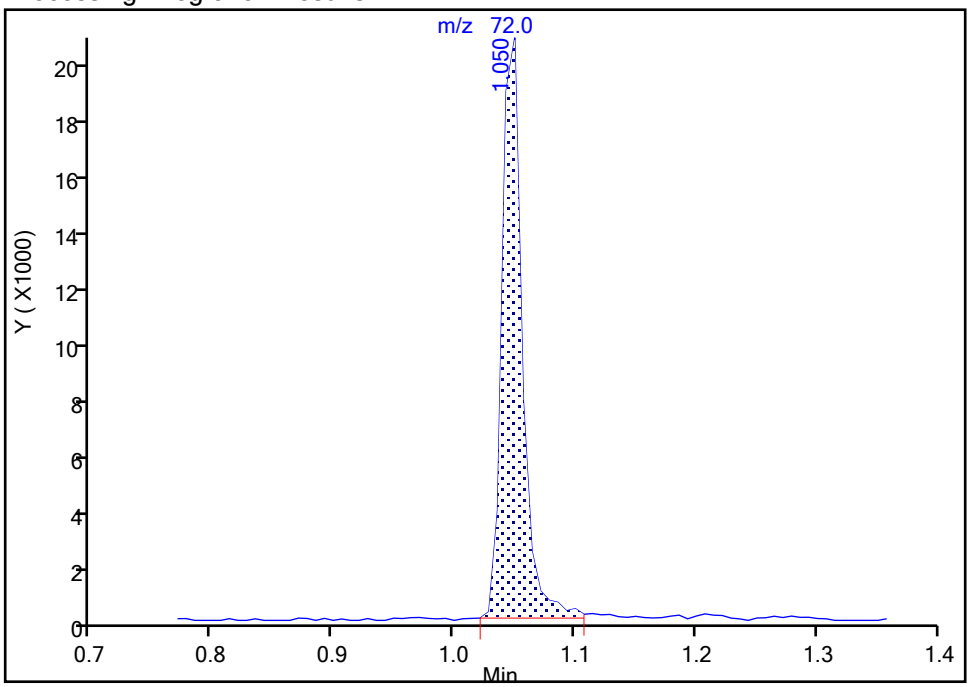
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93065.D
Injection Date: 12-Sep-2021 16:50:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 11 Pentane, CAS: 109-66-0

Signal: 1

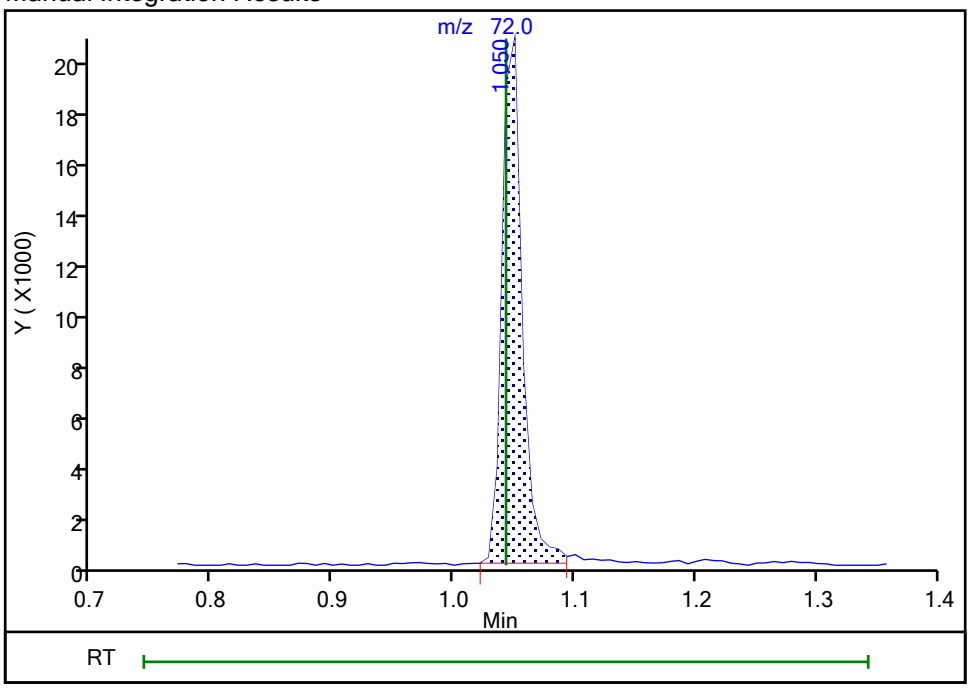
Processing Integration Results

RT: 1.05
Area: 24535
Amount: 54.205549
Amount Units: ug/l




Manual Integration Results

RT: 1.05
Area: 24328
Amount: 68.340054
Amount Units: ug/l




Reviewer: delpolitov, 14-Sep-2021 09:14:33
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

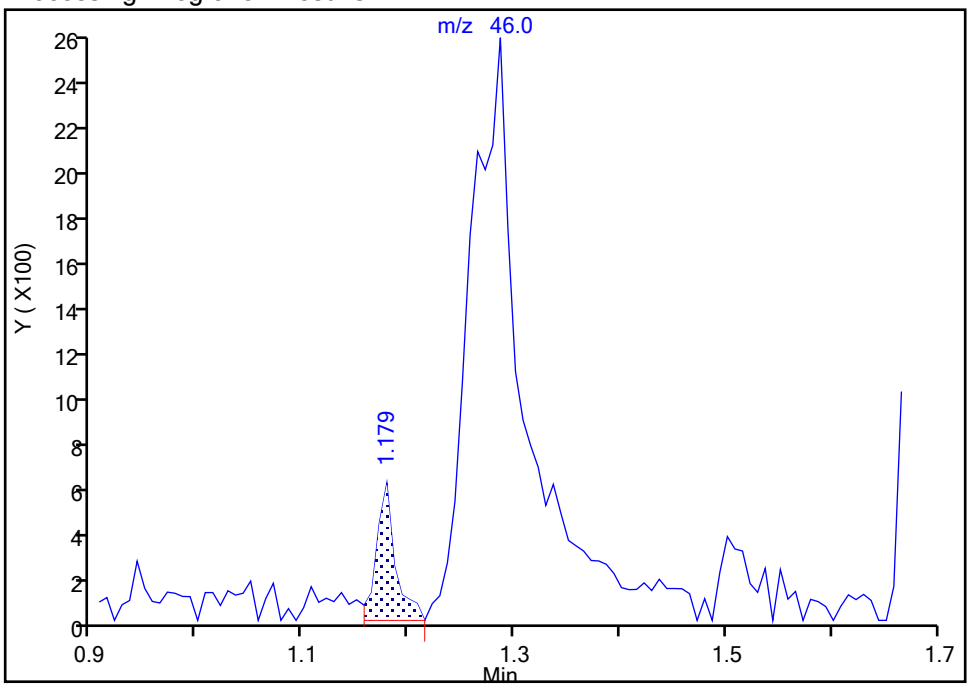
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93065.D
Injection Date: 12-Sep-2021 16:50:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 Ethanol, CAS: 64-17-5

Signal: 1

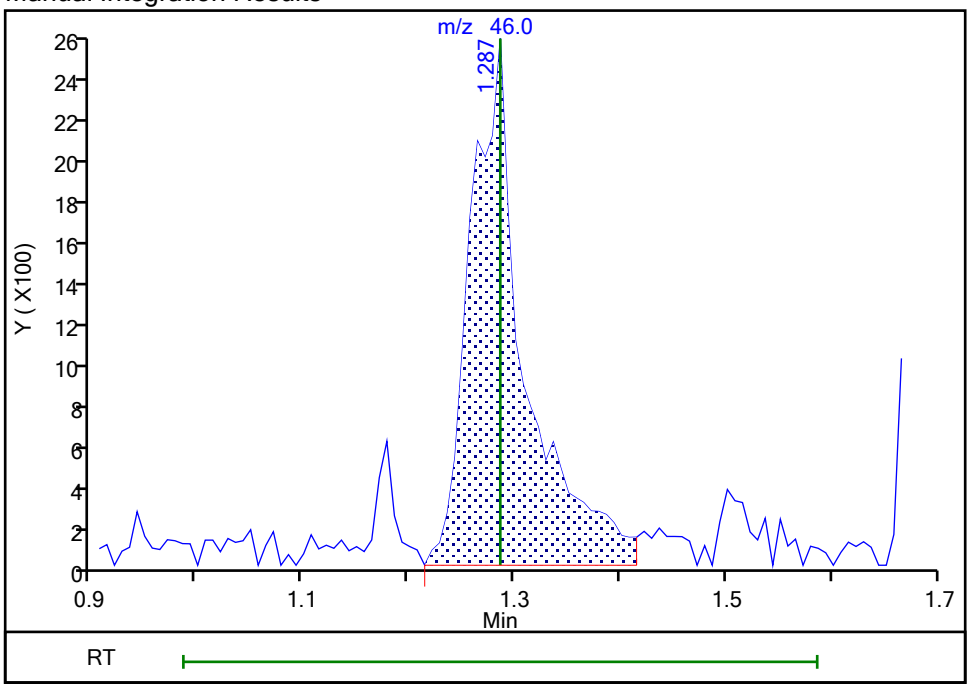
Processing Integration Results

RT: 1.18
Area: 752
Amount: 68.785411
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 9299
Amount: 850.5792
Amount Units: ug/l




Reviewer: delpolitov, 14-Sep-2021 09:12:48
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

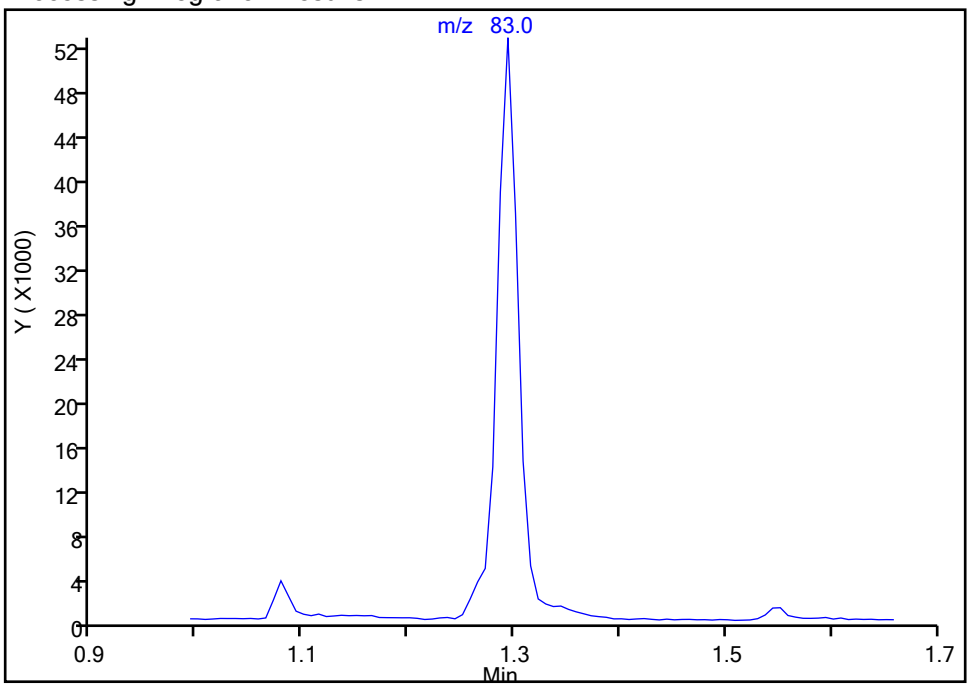
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93065.D
Injection Date: 12-Sep-2021 16:50:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 174 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

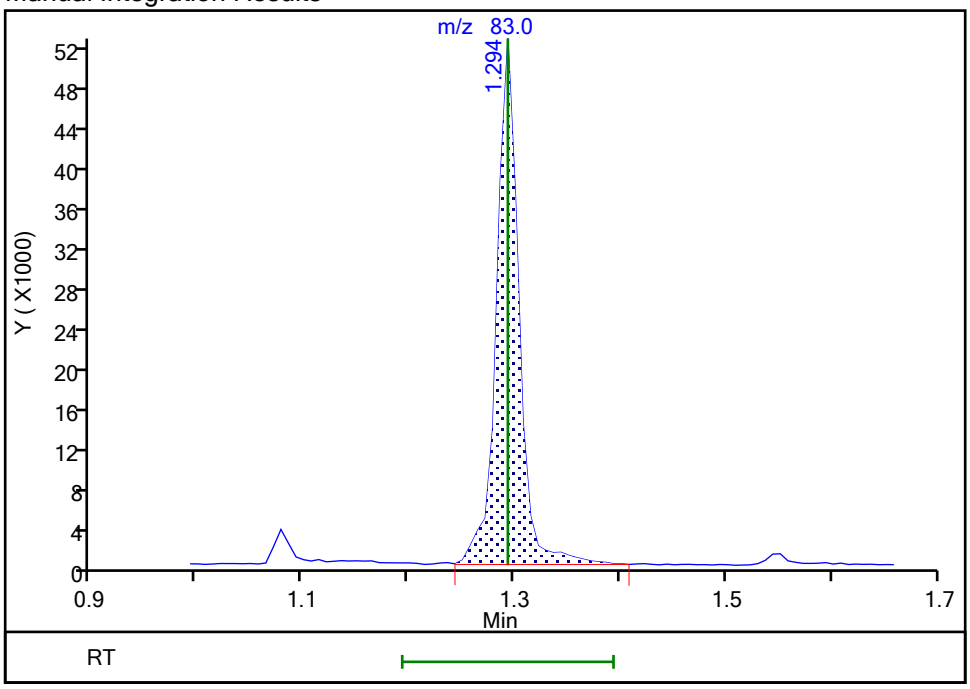
Not Detected
Expected RT: 1.29

Processing Integration Results




Manual Integration Results

RT: 1.29
Area: 76569
Amount: 18.411384
Amount Units: ug/l




Reviewer: delpolitov, 14-Sep-2021 09:12:53
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

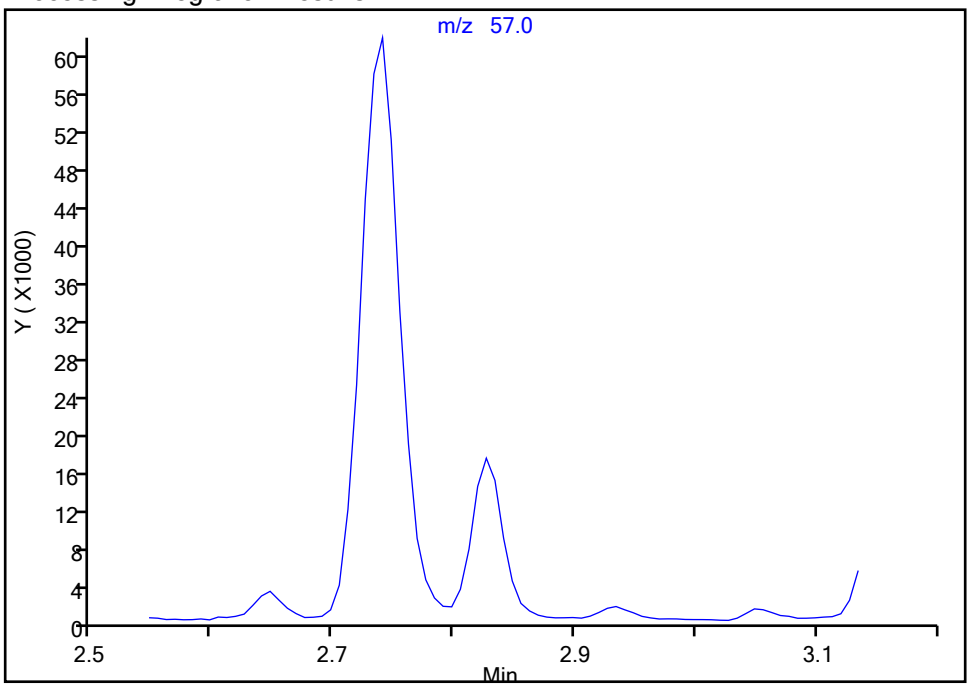
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93065.D
Injection Date: 12-Sep-2021 16:50:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 57 n-Heptane, CAS: 142-82-5

Signal: 1

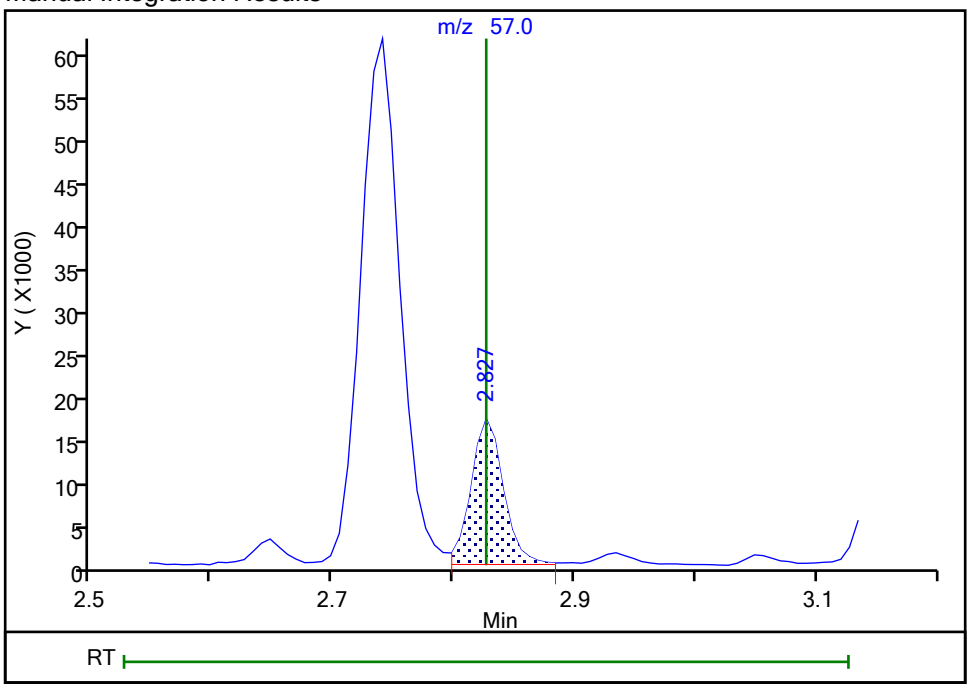
Not Detected
Expected RT: 2.83

Processing Integration Results




Manual Integration Results

RT: 2.83
Area: 31713
Amount: 19.413297
Amount Units: ug/l




Reviewer: delpolitov, 14-Sep-2021 09:13:12
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

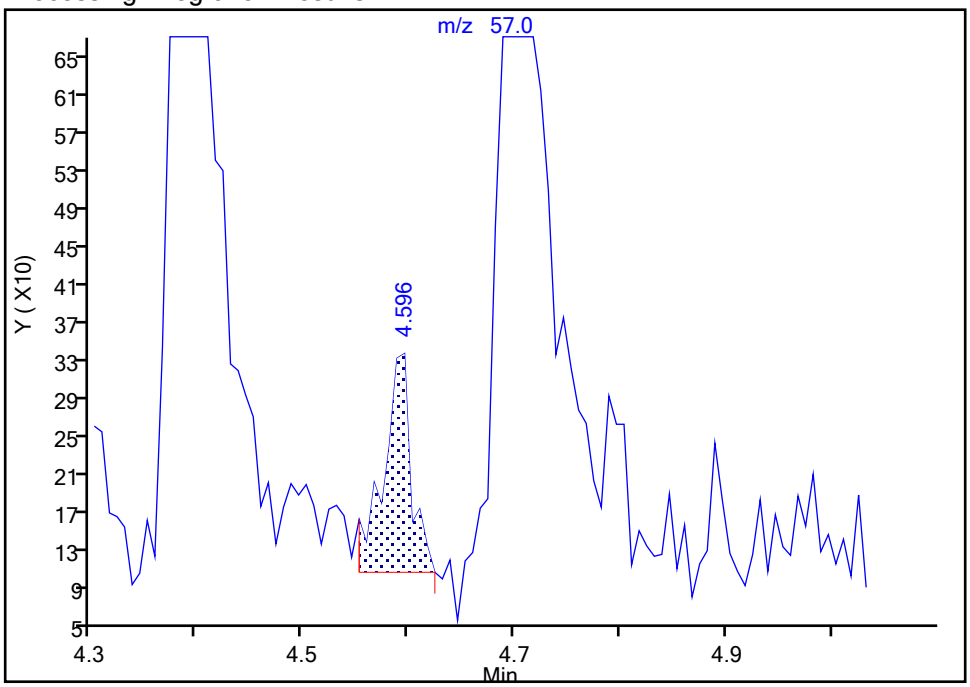
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93065.D
Injection Date: 12-Sep-2021 16:50:30 Instrument ID: CVOAMS13
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 84 Epichlorohydrin, CAS: 106-89-8

Signal: 1

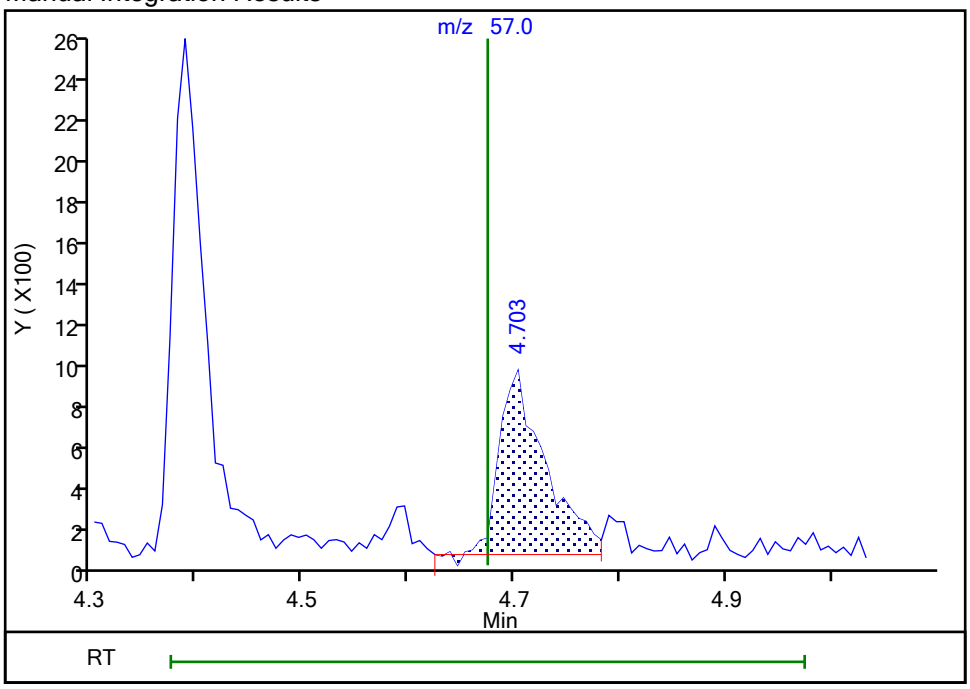
Processing Integration Results

RT: 4.60
Area: 427
Amount: 6.836397
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 2647
Amount: 22.509169
Amount Units: ug/l




Reviewer: delpolitov, 14-Sep-2021 09:13:23
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: CCVIS 460-804423/2 Calibration Date: 09/30/2021 22:45

Instrument ID: CVOAMS13 Calib Start Date: 09/12/2021 11:04

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/12/2021 13:49

Lab File ID: P93983.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | Ave | 0.0967 | 0.1041 | | 21.5 | 20.0 | 7.6 | 20.0 |
| Dichlorodifluoromethane | Ave | 0.3587 | 0.3131 | 0.1000 | 17.5 | 20.0 | -12.7 | 20.0 |
| Chlorodifluoromethane | Ave | 0.4686 | 0.4133 | | 17.6 | 20.0 | -11.8 | 20.0 |
| Butadiene | Ave | 0.3398 | 0.2866 | | 16.9 | 20.0 | -15.7 | 20.0 |
| Chloromethane | Ave | 0.3960 | 0.3680 | 0.1000 | 18.6 | 20.0 | -7.1 | 20.0 |
| Vinyl chloride | Ave | 0.3602 | 0.3283 | 0.1000 | 18.2 | 20.0 | -8.9 | 20.0 |
| Bromomethane | Ave | 2.690 | 1.957 | 0.1000 | 14.5 | 20.0 | -27.3 | 50.0 |
| Chloroethane | Ave | 0.1694 | 0.1954 | 0.1000 | 23.1 | 20.0 | 15.4 | 50.0 |
| Pentane | Ave | 3.080 | 3.755 | | 48.8 | 40.0 | 21.9* | 20.0 |
| Trichlorofluoromethane | Ave | 0.3957 | 0.4224 | 0.1000 | 21.3 | 20.0 | 6.7 | 20.0 |
| Dichlorofluoromethane | Ave | 0.3917 | 0.4359 | | 22.3 | 20.0 | 11.3 | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.4943 | 0.4794 | | 19.4 | 20.0 | -3.0 | 20.0 |
| Ethyl ether | Ave | 0.2114 | 0.2193 | | 20.7 | 20.0 | 3.7 | 20.0 |
| 1,1-Dichloroethene | Ave | 0.2504 | 0.2369 | 0.1000 | 18.9 | 20.0 | -5.4 | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.1042 | 0.1137 | | 21.8 | 20.0 | 9.2 | 20.0 |
| Ethanol | Ave | 0.0946 | 0.0843 | | 713 | 800 | -10.9 | 50.0 |
| 1,1,2-Trichloro-1,2,2-triflu oroethane | Ave | 0.2331 | 0.2191 | 0.1000 | 18.8 | 20.0 | -6.0 | 20.0 |
| Carbon disulfide | Ave | 0.9944 | 0.8874 | 0.1000 | 17.8 | 20.0 | -10.8 | 50.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.4030 | 0.3812 | | 18.9 | 20.0 | -5.4 | 20.0 |
| Iodomethane | Qua2 | | 0.1563 | | 14.7 | 20.0 | -26.4* | 20.0 |
| Cyclopentene | Ave | 0.6256 | 0.5769 | | 18.4 | 20.0 | -7.8 | 20.0 |
| Acrolein | Ave | 1.116 | 2.206 | | 80.2 | 40.6 | 97.7* | 50.0 |
| 3-Chloro-1-propene | Ave | 0.1614 | 0.1382 | | 17.1 | 20.0 | -14.4 | 20.0 |
| Isopropyl alcohol | Ave | 0.7673 | 0.6930 | | 181 | 200 | -9.7 | 50.0 |
| Methylene Chloride | Ave | 0.3126 | 0.2807 | 0.1000 | 18.0 | 20.0 | -10.2 | 20.0 |
| Acetone | Ave | 0.6374 | 0.5867 | 0.0500 | 92.0 | 100 | -8.0 | 50.0 |
| trans-1,2-Dichloroethene | Ave | 0.2817 | 0.2473 | 0.1000 | 17.6 | 20.0 | -12.2 | 20.0 |
| Methyl acetate | Ave | 8.958 | 9.043 | 0.1000 | 40.4 | 40.0 | 1.0 | 20.0 |
| Hexane | Ave | 0.0727 | 0.0638 | | 17.6 | 20.0 | -12.2 | 20.0 |
| Methyl tert-butyl ether | Ave | 0.6958 | 0.6260 | 0.1000 | 18.0 | 20.0 | -10.0 | 20.0 |
| 2-Methyl-2-propanol | Lin2 | | 1.238 | | 197 | 200 | -1.4 | 50.0 |
| Acetonitrile | Ave | 1.688 | 1.562 | | 185 | 200 | -7.5 | 20.0 |
| Isopropyl ether | Ave | 0.8866 | 0.8015 | | 18.1 | 20.0 | -9.6 | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2461 | 0.2179 | | 17.7 | 20.0 | -11.5 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.5199 | 0.4827 | 0.2000 | 18.6 | 20.0 | -7.2 | 20.0 |
| Acrylonitrile | Lin2 | | 0.0751 | | 197 | 200 | -1.5 | 20.0 |
| Tert-butyl ethyl ether | Ave | 0.8409 | 0.7407 | | 17.6 | 20.0 | -11.9 | 20.0 |
| Vinyl acetate | Ave | 0.5172 | 0.4965 | | 38.4 | 40.0 | -4.0 | 20.0 |
| cis-1,2-Dichloroethene | Ave | 0.3034 | 0.2871 | 0.1000 | 18.9 | 20.0 | -5.4 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: CCVIS 460-804423/2 Calibration Date: 09/30/2021 22:45

Instrument ID: CVOAMS13 Calib Start Date: 09/12/2021 11:04

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/12/2021 13:49

Lab File ID: P93983.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,2-Dichloropropane | Ave | 0.0892 | 0.0750 | | 16.8 | 20.0 | -15.9 | 20.0 |
| Cyclohexane | Ave | 0.4356 | 0.3980 | 0.1000 | 18.3 | 20.0 | -8.6 | 50.0 |
| Chlorobromomethane | Ave | 0.1399 | 0.1280 | | 18.3 | 20.0 | -8.5 | 20.0 |
| Chloroform | Ave | 0.4900 | 0.4589 | 0.2000 | 18.7 | 20.0 | -6.3 | 20.0 |
| Carbon tetrachloride | Ave | 0.3501 | 0.2781 | 0.1000 | 15.9 | 20.0 | -20.6* | 20.0 |
| Ethyl acetate | Ave | 0.3765 | 0.3191 | | 33.9 | 40.0 | -15.3 | 20.0 |
| Methyl acrylate | Ave | 0.1813 | 0.1553 | | 17.1 | 20.0 | -14.3 | 20.0 |
| Tetrahydrofuran | Ave | 1.057 | 0.9327 | | 35.3 | 40.0 | -11.8 | 20.0 |
| 1,1,1-Trichloroethane | Ave | 0.4311 | 0.3812 | 0.1000 | 17.7 | 20.0 | -11.6 | 20.0 |
| 2-Butanone | Ave | 0.3849 | 0.3401 | 0.0500 | 88.3 | 100 | -11.7 | 50.0 |
| 1,1-Dichloropropene | Ave | 0.1442 | 0.1273 | | 17.7 | 20.0 | -11.7 | 20.0 |
| Isooctane | Ave | 0.6188 | 0.5511 | | 17.8 | 20.0 | -10.9 | 20.0 |
| Benzene | Ave | 1.687 | 1.525 | 0.5000 | 18.1 | 20.0 | -9.6 | 20.0 |
| n-Heptane | Ave | 0.1583 | 0.1385 | | 17.5 | 20.0 | -12.5 | 20.0 |
| Propionitrile | Ave | 1.925 | 1.852 | | 192 | 200 | -3.8 | 20.0 |
| Methacrylonitrile | Ave | 0.0816 | 0.0798 | | 196 | 200 | -2.1 | 20.0 |
| Tert-amyl methyl ether | Ave | 0.7209 | 0.6455 | | 17.9 | 20.0 | -10.5 | 20.0 |
| 1,2-Dichloroethane | Ave | 0.3433 | 0.3276 | 0.1000 | 19.1 | 20.0 | -4.6 | 20.0 |
| Isobutyl alcohol | Ave | 0.5314 | 0.4303 | | 405 | 500 | -19.0 | 50.0 |
| Isopropyl acetate | Ave | 0.3821 | 0.3620 | | 19.0 | 20.0 | -5.2 | 20.0 |
| Methylcyclohexane | Ave | 0.4111 | 0.3750 | 0.1000 | 18.2 | 20.0 | -8.8 | 50.0 |
| Trichloroethene | Ave | 0.2913 | 0.2648 | 0.2000 | 18.2 | 20.0 | -9.1 | 20.0 |
| Dibromomethane | Ave | 0.1582 | 0.1435 | | 18.1 | 20.0 | -9.3 | 20.0 |
| n-Butanol | Lin2 | | 0.2348 | | 345 | 500 | -31.0 | 50.0 |
| 1,2-Dichloropropane | Ave | 0.3007 | 0.2684 | 0.1000 | 17.9 | 20.0 | -10.7 | 20.0 |
| Bromodichloromethane | Ave | 0.3635 | 0.3273 | 0.2000 | 18.0 | 20.0 | -10.0 | 20.0 |
| Ethyl acrylate | Ave | 0.2450 | 0.2066 | | 16.9 | 20.0 | -15.7 | 20.0 |
| 1,4-Dioxane | Ave | 1.257 | 1.128 | | 359 | 400 | -10.2 | 50.0 |
| Methyl methacrylate | Ave | 0.0551 | 0.0474 | | 34.4 | 40.0 | -14.0 | 20.0 |
| n-Propyl acetate | Ave | 0.2417 | 0.2179 | | 18.0 | 20.0 | -9.9 | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1378 | 0.1107 | | 16.1 | 20.0 | -19.7 | 20.0 |
| cis-1,3-Dichloropropene | Ave | 0.6643 | 0.5439 | 0.2000 | 16.4 | 20.0 | -18.1 | 50.0 |
| Toluene | Ave | 1.684 | 1.523 | 0.4000 | 18.1 | 20.0 | -9.6 | 20.0 |
| Epichlorohydrin | Lin2 | | 0.1840 | | 317 | 400 | -20.8* | 20.0 |
| 2-Nitropropane | Ave | 0.0507 | 0.0390 | | 30.8 | 40.0 | -23.0* | 20.0 |
| Tetrachloroethene | Ave | 0.4017 | 0.3581 | 0.2000 | 17.8 | 20.0 | -10.9 | 20.0 |
| 4-Methyl-2-pentanone | Ave | 2.393 | 2.200 | 0.0500 | 91.9 | 100 | -8.1 | 50.0 |
| trans-1,3-Dichloropropene | Ave | 0.5505 | 0.4619 | 0.1000 | 16.8 | 20.0 | -16.1 | 50.0 |
| 1,1,2-Trichloroethane | Ave | 0.2636 | 0.2461 | 0.1000 | 18.7 | 20.0 | -6.7 | 20.0 |
| Ethyl methacrylate | Ave | 0.2293 | 0.2227 | | 19.4 | 20.0 | -2.9 | 20.0 |
| Dibromochloromethane | Ave | 0.3607 | 0.2878 | 0.1000 | 16.0 | 20.0 | -20.2 | 50.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: CCVIS 460-804423/2 Calibration Date: 09/30/2021 22:45

Instrument ID: CVOAMS13 Calib Start Date: 09/12/2021 11:04

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/12/2021 13:49

Lab File ID: P93983.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichloropropane | Ave | 0.5591 | 0.5215 | | 18.7 | 20.0 | -6.7 | 20.0 |
| Ethylene Dibromide | Ave | 0.3069 | 0.2810 | 0.1000 | 18.3 | 20.0 | -8.5 | 20.0 |
| n-Butyl acetate | Ave | 0.3332 | 0.3032 | | 18.2 | 20.0 | -9.0 | 20.0 |
| 2-Hexanone | Ave | 1.601 | 1.515 | 0.0500 | 94.7 | 100 | -5.3 | 50.0 |
| Chlorobenzene | Ave | 1.055 | 0.9736 | 0.5000 | 18.5 | 20.0 | -7.7 | 20.0 |
| Ethylbenzene | Ave | 0.5654 | 0.5171 | 0.1000 | 18.3 | 20.0 | -8.6 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3899 | 0.3332 | | 17.1 | 20.0 | -14.5 | 20.0 |
| m-Xylene & p-Xylene | Ave | 0.6849 | 0.6261 | 0.1000 | 18.3 | 20.0 | -8.6 | 20.0 |
| o-Xylene | Ave | 0.6755 | 0.6207 | 0.3000 | 18.4 | 20.0 | -8.1 | 20.0 |
| Bromoform | Ave | 0.2245 | 0.1718 | 0.1000 | 15.3 | 20.0 | -23.5* | 20.0 |
| Styrene | Ave | 1.151 | 1.030 | 0.3000 | 17.9 | 20.0 | -10.6 | 20.0 |
| n-Butyl acrylate | Ave | 0.2321 | 0.1952 | | 16.8 | 20.0 | -15.9 | 20.0 |
| Isopropylbenzene | Ave | 1.741 | 1.637 | 0.1000 | 18.8 | 20.0 | -6.0 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 0.9439 | 0.7944 | | 16.8 | 20.0 | -15.8 | 20.0 |
| Bromobenzene | Ave | 0.8238 | 0.7288 | | 17.7 | 20.0 | -11.5 | 20.0 |
| N-Propylbenzene | Ave | 3.765 | 3.397 | | 18.0 | 20.0 | -9.8 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.7063 | 0.6136 | 0.3000 | 17.4 | 20.0 | -13.1 | 20.0 |
| 2-Chlorotoluene | Ave | 2.647 | 2.403 | | 18.2 | 20.0 | -9.2 | 20.0 |
| 4-Ethyltoluene | Ave | 3.171 | 2.827 | | 17.8 | 20.0 | -10.8 | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.2004 | 0.1718 | | 17.1 | 20.0 | -14.3 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.667 | 2.387 | | 17.9 | 20.0 | -10.5 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.1847 | 0.1499 | | 16.2 | 20.0 | -18.8 | 20.0 |
| 4-Chlorotoluene | Ave | 2.393 | 2.232 | | 18.7 | 20.0 | -6.7 | 20.0 |
| tert-Butylbenzene | Ave | 2.200 | 1.918 | | 17.4 | 20.0 | -12.8 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 2.761 | 2.446 | | 17.7 | 20.0 | -11.4 | 20.0 |
| Butyl Methacrylate | Ave | 0.9611 | 0.7412 | | 15.4 | 20.0 | -22.9* | 20.0 |
| sec-Butylbenzene | Ave | 3.183 | 2.921 | | 18.4 | 20.0 | -8.2 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.527 | 1.394 | 0.6000 | 18.2 | 20.0 | -8.8 | 20.0 |
| 4-Isopropyltoluene | Ave | 2.793 | 2.434 | | 17.4 | 20.0 | -12.9 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.613 | 1.503 | 0.5000 | 18.6 | 20.0 | -6.8 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.886 | 2.638 | | 18.3 | 20.0 | -8.6 | 20.0 |
| Indan | Ave | 2.844 | 2.535 | | 17.8 | 20.0 | -10.9 | 20.0 |
| Benzyl chloride | Ave | 0.3224 | 0.1966 | | 12.2 | 20.0 | -39.0 | 50.0 |
| p-Diethylbenzene | Ave | 1.412 | 1.226 | | 17.4 | 20.0 | -13.1 | 20.0 |
| n-Butylbenzene | Ave | 2.584 | 2.303 | | 17.8 | 20.0 | -10.9 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.420 | 1.380 | 0.4000 | 19.4 | 20.0 | -2.9 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 2.655 | 2.141 | | 16.1 | 20.0 | -19.3 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1303 | 0.0975 | 0.0500 | 15.0 | 20.0 | -25.2 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 1.047 | 0.9212 | | 17.6 | 20.0 | -12.0 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.8872 | 0.7508 | 0.2000 | 16.9 | 20.0 | -15.4 | 20.0 |
| Hexachlorobutadiene | Ave | 0.3463 | 0.2691 | | 15.5 | 20.0 | -22.3* | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Lab Sample ID: CCVIS 460-804423/2  Calibration Date: 09/30/2021 22:45

Instrument ID: CVOAMS13  Calib Start Date: 09/12/2021 11:04

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 09/12/2021 13:49

Lab File ID: P93983.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | Ave | 1.770 | 1.416 | | 16.0 | 20.0 | -20.0 | 50.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.6278 | 0.4725 | | 15.1 | 20.0 | -24.7* | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2330 | 0.2116 | | 45.4 | 50.0 | -9.2 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2568 | 0.2509 | | 48.9 | 50.0 | -2.3 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.274 | 1.171 | | 46.0 | 50.0 | -8.1 | 20.0 |
| Bromofluorobenzene | Ave | 0.4122 | 0.4197 | | 50.9 | 50.0 | 1.8 | 20.0 |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93983.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Sep-2021 22:45:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0135326-002
Operator ID: Instrument ID: CVOAMS13
Sublist: chrom-8260W_13*sub62

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2021 13:06:22 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: boykink Date: 30-Sep-2021 22:38:30

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.692 | 0.692 | 0.000 | 89 | 24412 | 20.0 | 21.5 | a |
| 3 Dichlorodifluoromethane | 85 | 0.699 | 0.699 | 0.000 | 99 | 73447 | 20.0 | 17.5 | |
| 168 Chlorodifluoromethane | 51 | 0.771 | 0.771 | 0.000 | 94 | 96945 | 20.0 | 17.6 | a |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 75 | 77008 | 20.0 | 18.2 | |
| 175 Butadiene | 54 | 0.814 | 0.814 | 0.000 | 96 | 67243 | 20.0 | 16.9 | |
| 6 Chloromethane | 50 | 0.814 | 0.814 | 0.000 | 98 | 86320 | 20.0 | 18.6 | Ma |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 98 | 31412 | 20.0 | 14.5 | |
| 10 Chloroethane | 64 | 0.993 | 0.993 | 0.000 | 100 | 45843 | 20.0 | 23.1 | |
| 11 Pentane | 72 | 1.043 | 1.043 | 0.000 | 96 | 22678 | 40.0 | 48.8 | |
| 12 Trichlorofluoromethane | 101 | 1.050 | 1.050 | 0.000 | 96 | 99085 | 20.0 | 21.3 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 99 | 102266 | 20.0 | 22.3 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.172 | 1.172 | 0.000 | 97 | 112463 | 20.0 | 19.4 | |
| 15 Ethyl ether | 59 | 1.179 | 1.179 | 0.000 | 93 | 51444 | 20.0 | 20.7 | |
| 17 1,1-Dichloroethene | 96 | 1.265 | 1.265 | 0.000 | 98 | 55568 | 20.0 | 18.9 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.265 | 1.265 | 0.000 | 84 | 26678 | 20.0 | 21.8 | a |
| 16 Ethanol | 46 | 1.279 | 1.279 | 0.000 | 27 | 10182 | 800.0 | 713.1 | |
| 20 112TCTFE | 101 | 1.287 | 1.287 | 0.000 | 60 | 51393 | 20.0 | 18.8 | |
| 19 Carbon disulfide | 76 | 1.287 | 1.287 | 0.000 | 99 | 208164 | 20.0 | 17.8 | |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.294 | 1.294 | 0.000 | 92 | 89417 | 20.0 | 18.9 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 98 | 36663 | 20.0 | 14.7 | |
| 169 Cyclopentene | 67 | 1.401 | 1.401 | 0.000 | 97 | 135330 | 20.0 | 18.4 | |
| 24 Acrolein | 56 | 1.423 | 1.423 | 0.000 | 94 | 13509 | 40.6 | 80.2 | |
| 164 3-Chloro-1-propene | 76 | 1.487 | 1.487 | 0.000 | 46 | 32415 | 20.0 | 17.1 | |
| 26 Isopropyl alcohol | 45 | 1.509 | 1.509 | 0.000 | 97 | 20925 | 200.0 | 180.6 | |
| 27 Methylene Chloride | 84 | 1.544 | 1.544 | 0.000 | 94 | 65842 | 20.0 | 18.0 | |
| 28 Acetone | 43 | 1.566 | 1.566 | 0.000 | 86 | 47083 | 100.0 | 92.0 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.616 | 1.616 | 0.000 | 96 | 58004 | 20.0 | 17.6 | |
| 30 Methyl acetate | 43 | 1.623 | 1.623 | 0.000 | 99 | 54611 | 40.0 | 40.4 | |
| 31 Hexane | 86 | 1.659 | 1.659 | 0.000 | 90 | 14977 | 20.0 | 17.6 | |
| 32 Methyl tert-butyl ether | 73 | 1.673 | 1.673 | 0.000 | 94 | 146857 | 20.0 | 18.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 33 TBA-d9 (IS) | 65 | 1.695 | 1.695 | 0.000 | 100 | 150972 | 1000.0 | 1000.0 | |
| 34 2-Methyl-2-propanol | 59 | 1.731 | 1.731 | 0.000 | 99 | 37374 | 200.0 | 197.2 | |
| 35 Acetonitrile | 41 | 1.809 | 1.809 | 0.000 | 98 | 47159 | 200.0 | 185.0 | |
| 36 Isopropyl ether | 45 | 1.881 | 1.881 | 0.000 | 96 | 188019 | 20.0 | 18.1 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 92 | 51118 | 20.0 | 17.7 | |
| 38 1,1-Dichloroethane | 63 | 1.938 | 1.938 | 0.000 | 100 | 113237 | 20.0 | 18.6 | |
| 39 Acrylonitrile | 53 | 1.974 | 1.974 | 0.000 | 93 | 176256 | 200.0 | 197.0 | |
| 40 Tert-butyl ethyl ether | 59 | 2.089 | 2.089 | 0.000 | 88 | 173754 | 20.0 | 17.6 | |
| 41 Vinyl acetate | 43 | 2.096 | 2.096 | 0.000 | 100 | 232955 | 40.0 | 38.4 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.261 | 2.261 | 0.000 | 97 | 67339 | 20.0 | 18.9 | |
| 43 2,2-Dichloropropane | 97 | 2.325 | 2.325 | 0.000 | 98 | 17585 | 20.0 | 16.8 | |
| 44 Cyclohexane | 56 | 2.383 | 2.383 | 0.000 | 91 | 93370 | 20.0 | 18.3 | |
| 45 Chlorobromomethane | 128 | 2.390 | 2.390 | 0.000 | 91 | 30016 | 20.0 | 18.3 | |
| 46 Chloroform | 83 | 2.440 | 2.440 | 0.000 | 99 | 107661 | 20.0 | 18.7 | |
| 47 Carbon tetrachloride | 117 | 2.519 | 2.519 | 0.000 | 98 | 65234 | 20.0 | 15.9 | |
| 48 Ethyl acetate | 70 | 2.533 | 2.533 | 0.000 | 99 | 10242 | 40.0 | 33.9 | |
| 49 Methyl acrylate | 55 | 2.533 | 2.533 | 0.000 | 97 | 36426 | 20.0 | 17.1 | |
| 50 Tetrahydrofuran | 42 | 2.540 | 2.540 | 0.000 | 92 | 29940 | 40.0 | 35.3 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.562 | 0.000 | 97 | 124095 | 50.0 | 45.4 | |
| 52 1,1,1-Trichloroethane | 97 | 2.562 | 2.562 | 0.000 | 97 | 89427 | 20.0 | 17.7 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 200629 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.648 | 2.648 | 0.000 | 99 | 27292 | 100.0 | 88.3 | |
| 55 1,1-Dichloropropene | 110 | 2.655 | 2.655 | 0.000 | 97 | 29873 | 20.0 | 17.7 | |
| 56 Isooctane | 57 | 2.741 | 2.741 | 0.000 | 98 | 129282 | 20.0 | 17.8 | |
| 57 n-Heptane | 57 | 2.827 | 2.827 | 0.000 | 46 | 32498 | 20.0 | 17.5 | a |
| 58 Benzene | 78 | 2.827 | 2.827 | 0.000 | 96 | 258507 | 20.0 | 18.1 | |
| 59 Propionitrile | 54 | 2.841 | 2.841 | 0.000 | 99 | 55925 | 200.0 | 192.4 | |
| 60 Methacrylonitrile | 67 | 2.855 | 2.855 | 0.000 | 92 | 187229 | 200.0 | 195.7 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.920 | 2.920 | 0.000 | 0 | 147150 | 50.0 | 48.9 | |
| 62 Tert-amyl methyl ether | 73 | 2.934 | 2.934 | 0.000 | 99 | 151427 | 20.0 | 17.9 | |
| 63 1,2-Dichloroethane | 62 | 2.977 | 2.977 | 0.000 | 98 | 76847 | 20.0 | 19.1 | |
| 64 Isobutyl alcohol | 43 | 3.056 | 3.056 | 0.000 | 98 | 32484 | 500.0 | 404.9 | |
| * 66 Fluorobenzene | 96 | 3.142 | 3.142 | 0.000 | 99 | 586463 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.213 | 3.213 | 0.000 | 99 | 84924 | 20.0 | 19.0 | |
| 68 Methylcyclohexane | 83 | 3.264 | 3.264 | 0.000 | 95 | 87980 | 20.0 | 18.2 | |
| 69 Trichloroethene | 130 | 3.285 | 3.285 | 0.000 | 99 | 62119 | 20.0 | 18.2 | |
| 71 Dibromomethane | 93 | 3.629 | 3.629 | 0.000 | 97 | 33655 | 20.0 | 18.1 | |
| 72 n-Butanol | 56 | 3.658 | 3.658 | 0.000 | 94 | 17721 | 500.0 | 344.9 | |
| 73 1,2-Dichloropropane | 63 | 3.715 | 3.715 | 0.000 | 91 | 62962 | 20.0 | 17.9 | |
| 75 Dichlorobromomethane | 83 | 3.794 | 3.794 | 0.000 | 99 | 76785 | 20.0 | 18.0 | |
| 74 Ethyl acrylate | 55 | 3.801 | 3.801 | 0.000 | 98 | 48461 | 20.0 | 16.9 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.966 | 3.966 | 0.000 | 94 | 20217 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 3.987 | 3.987 | 0.000 | 88 | 22227 | 40.0 | 34.4 | |
| 78 1,4-Dioxane | 88 | 3.987 | 3.987 | 0.000 | 63 | 9125 | 400.0 | 359.1 | |
| 79 n-Propyl acetate | 43 | 4.137 | 4.137 | 0.000 | 99 | 51105 | 20.0 | 18.0 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.388 | 4.388 | 0.000 | 97 | 26040 | 20.0 | 16.1 | |
| 81 cis-1,3-Dichloropropene | 75 | 4.410 | 4.410 | 0.000 | 93 | 92171 | 20.0 | 16.4 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.589 | 4.589 | 0.000 | 99 | 496086 | 50.0 | 46.0 | |
| 83 Toluene | 91 | 4.646 | 4.646 | 0.000 | 93 | 258043 | 20.0 | 18.1 | |
| 84 Epichlorohydrin | 57 | 4.675 | 4.675 | 0.000 | 99 | 59079 | 400.0 | 317.0 | |
| 85 2-Nitropropane | 41 | 4.890 | 4.890 | 0.000 | 99 | 18305 | 40.0 | 30.8 | |
| 86 Tetrachloroethene | 166 | 5.054 | 5.054 | 0.000 | 98 | 60682 | 20.0 | 17.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.097 | 5.097 | 0.000 | 95 | 176559 | 100.0 | 91.9 | |
| 88 trans-1,3-Dichloropropene | 75 | 5.133 | 5.133 | 0.000 | 98 | 78285 | 20.0 | 16.8 | |
| 89 1,1,2-Trichloroethane | 83 | 5.298 | 5.298 | 0.000 | 95 | 41702 | 20.0 | 18.7 | |
| 90 Ethyl methacrylate | 69 | 5.391 | 5.391 | 0.000 | 88 | 52252 | 20.0 | 19.4 | |
| 91 Chlorodibromomethane | 129 | 5.491 | 5.491 | 0.000 | 97 | 48771 | 20.0 | 16.0 | |
| 92 1,3-Dichloropropane | 76 | 5.599 | 5.599 | 0.000 | 94 | 88380 | 20.0 | 18.7 | |
| 93 Ethylene Dibromide | 107 | 5.720 | 5.720 | 0.000 | 98 | 47612 | 20.0 | 18.3 | |
| 94 n-Butyl acetate | 43 | 6.079 | 6.079 | 0.000 | 99 | 51387 | 20.0 | 18.2 | |
| 95 2-Hexanone | 43 | 6.136 | 6.136 | 0.000 | 95 | 121590 | 100.0 | 94.7 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 87 | 423669 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.408 | 6.408 | 0.000 | 94 | 164995 | 20.0 | 18.5 | |
| 98 Ethylbenzene | 106 | 6.501 | 6.501 | 0.000 | 98 | 87627 | 20.0 | 18.3 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.523 | 6.523 | 0.000 | 94 | 56473 | 20.0 | 17.1 | |
| 100 m-Xylene & p-Xylene | 106 | 6.716 | 6.716 | 0.000 | 0 | 106112 | 20.0 | 18.3 | |
| 101 o-Xylene | 106 | 7.282 | 7.282 | 0.000 | 93 | 105181 | 20.0 | 18.4 | |
| 102 Bromoform | 173 | 7.347 | 7.347 | 0.000 | 95 | 29118 | 20.0 | 15.3 | |
| 103 Styrene | 104 | 7.375 | 7.375 | 0.000 | 95 | 174495 | 20.0 | 17.9 | |
| 104 n-Butyl acrylate | 73 | 7.712 | 7.712 | 0.000 | 97 | 33084 | 20.0 | 16.8 | |
| 105 Isopropylbenzene | 105 | 7.762 | 7.762 | 0.000 | 96 | 277334 | 20.0 | 18.8 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 90 | 177795 | 50.0 | 50.9 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.127 | 8.127 | 0.000 | 57 | 77948 | 20.0 | 16.8 | |
| 108 Bromobenzene | 156 | 8.228 | 8.228 | 0.000 | 99 | 71512 | 20.0 | 17.7 | |
| 109 N-Propylbenzene | 91 | 8.392 | 8.392 | 0.000 | 99 | 333293 | 20.0 | 18.0 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.543 | 8.543 | 0.000 | 96 | 60209 | 20.0 | 17.4 | |
| 111 2-Chlorotoluene | 91 | 8.550 | 8.550 | 0.000 | 96 | 235796 | 20.0 | 18.2 | |
| 172 4-Ethyltoluene | 105 | 8.579 | 8.579 | 0.000 | 98 | 277431 | 20.0 | 17.8 | |
| 113 1,2,3-Trichloropropane | 110 | 8.665 | 8.665 | 0.000 | 99 | 16857 | 20.0 | 17.1 | |
| 114 1,3,5-Trimethylbenzene | 105 | 8.736 | 8.736 | 0.000 | 93 | 234258 | 20.0 | 17.9 | |
| 115 trans-1,4-Dichloro-2-butene | 53 | 8.801 | 8.801 | 0.000 | 85 | 14709 | 20.0 | 16.2 | |
| 116 4-Chlorotoluene | 91 | 8.815 | 8.815 | 0.000 | 98 | 218997 | 20.0 | 18.7 | |
| 117 tert-Butylbenzene | 119 | 9.187 | 9.187 | 0.000 | 94 | 188204 | 20.0 | 17.4 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.324 | 9.324 | 0.000 | 98 | 240031 | 20.0 | 17.7 | |
| 119 Butyl Methacrylate | 87 | 9.345 | 9.345 | 0.000 | 93 | 72733 | 20.0 | 15.4 | |
| 120 sec-Butylbenzene | 105 | 9.481 | 9.481 | 0.000 | 99 | 286644 | 20.0 | 18.4 | |
| 121 1,3-Dichlorobenzene | 146 | 9.725 | 9.725 | 0.000 | 97 | 136754 | 20.0 | 18.2 | |
| 122 4-Isopropyltoluene | 119 | 9.760 | 9.760 | 0.000 | 98 | 238802 | 20.0 | 17.4 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 96 | 245314 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.882 | 9.882 | 0.000 | 95 | 147474 | 20.0 | 18.6 | |
| 125 1,2,3-Trimethylbenzene | 105 | 9.990 | 9.990 | 0.000 | 99 | 258829 | 20.0 | 18.3 | |
| 165 2,3-Dihydroindene | 117 | 10.162 | 10.162 | 0.000 | 0 | 248732 | 20.0 | 17.8 | |
| 127 Benzyl chloride | 126 | 10.341 | 10.341 | 0.000 | 97 | 19296 | 20.0 | 12.2 | |
| 167 p-Diethylbenzene | 119 | 10.369 | 10.369 | 0.000 | 93 | 120323 | 20.0 | 17.4 | |
| 129 n-Butylbenzene | 91 | 10.448 | 10.448 | 0.000 | 98 | 225985 | 20.0 | 17.8 | |
| 130 1,2-Dichlorobenzene | 146 | 10.541 | 10.541 | 0.000 | 96 | 135385 | 20.0 | 19.4 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.644 | 11.644 | 0.000 | 98 | 210111 | 20.0 | 16.1 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.795 | 11.795 | 0.000 | 95 | 9564 | 20.0 | 15.0 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.845 | 11.845 | 0.000 | 97 | 90392 | 20.0 | 17.6 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.583 | 12.583 | 0.000 | 93 | 73671 | 20.0 | 16.9 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 95 | 26407 | 20.0 | 15.5 | |
| 136 Naphthalene | 128 | 12.898 | 12.898 | 0.000 | 99 | 138908 | 20.0 | 16.0 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.077 | 13.077 | 0.000 | 95 | 46368 | 20.0 | 15.1 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 36.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 140 Xylenes, Total | 100 | | | | 0 | | 40.0 | 36.7 | |

## QC Flag Legend

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

## Reagents:

| | | | |
|---|---|---|---|
| ACROLEIN W_00131 | Amount Added: 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: 20.00 | Units: uL | |
| GASES Li_00441 | Amount Added: 20.00 | Units: uL | |
| 524freon_00043 | Amount Added: 20.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00222 | Amount Added: 1.00 | Units: uL | Run Reagent |

Report Date: 01-Oct-2021 13:06:23 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93983.D

Injection Date: 30-Sep-2021 22:45:30 Instrument ID: CVOAMS13 Operator ID:

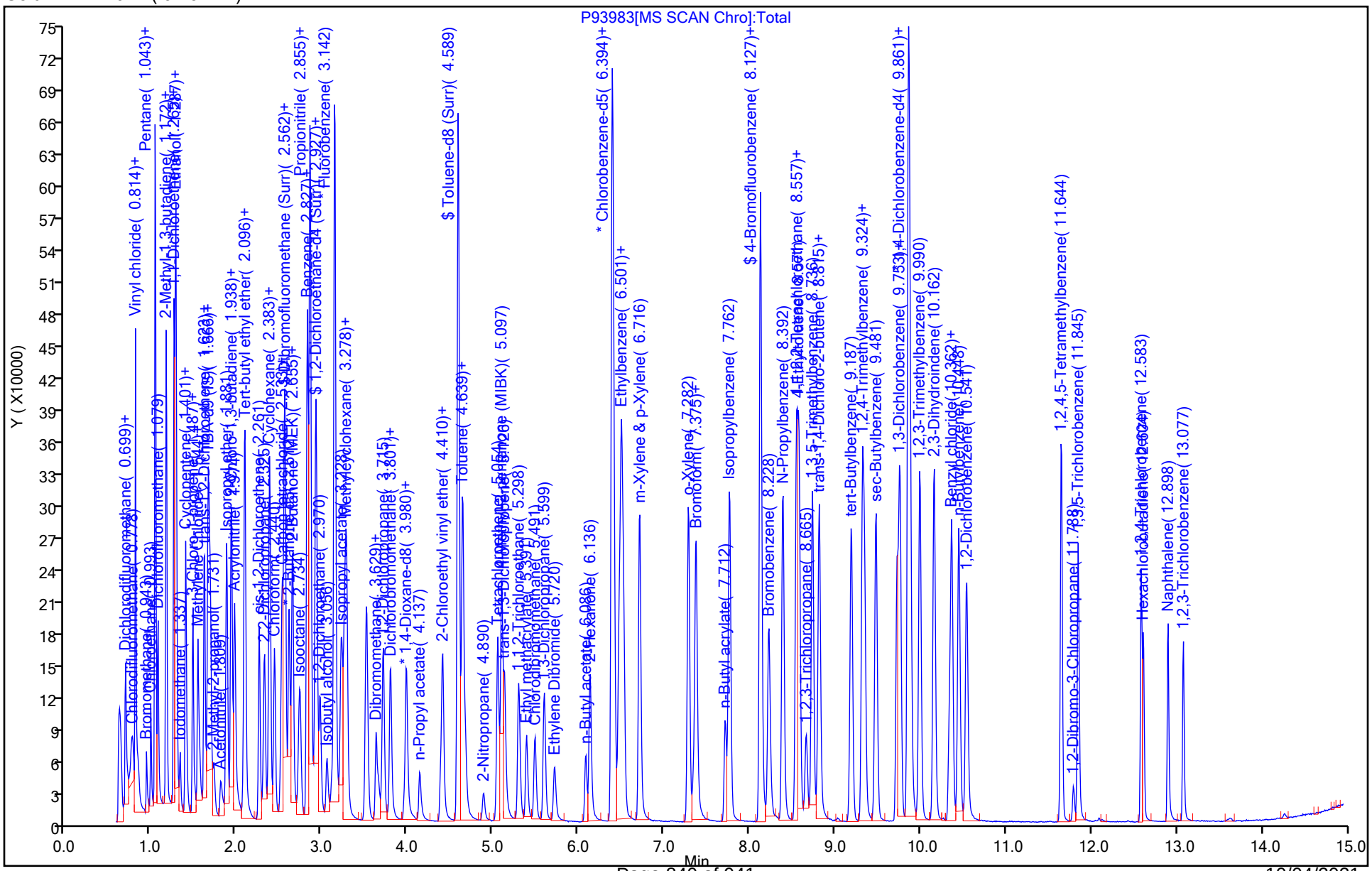
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

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

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

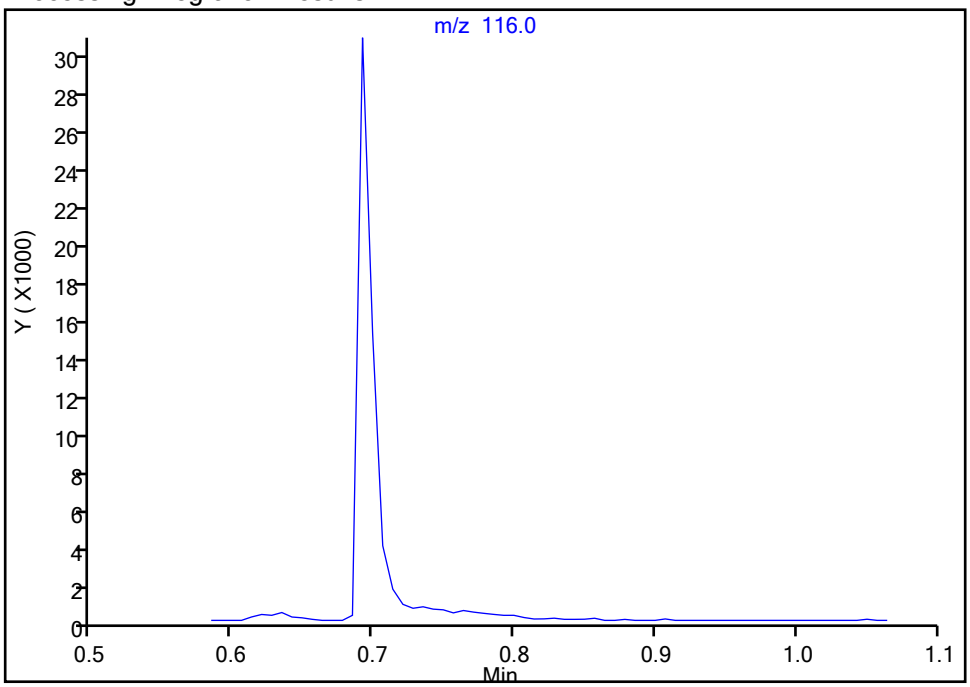
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93983.D
Injection Date: 30-Sep-2021 22:45:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 173 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

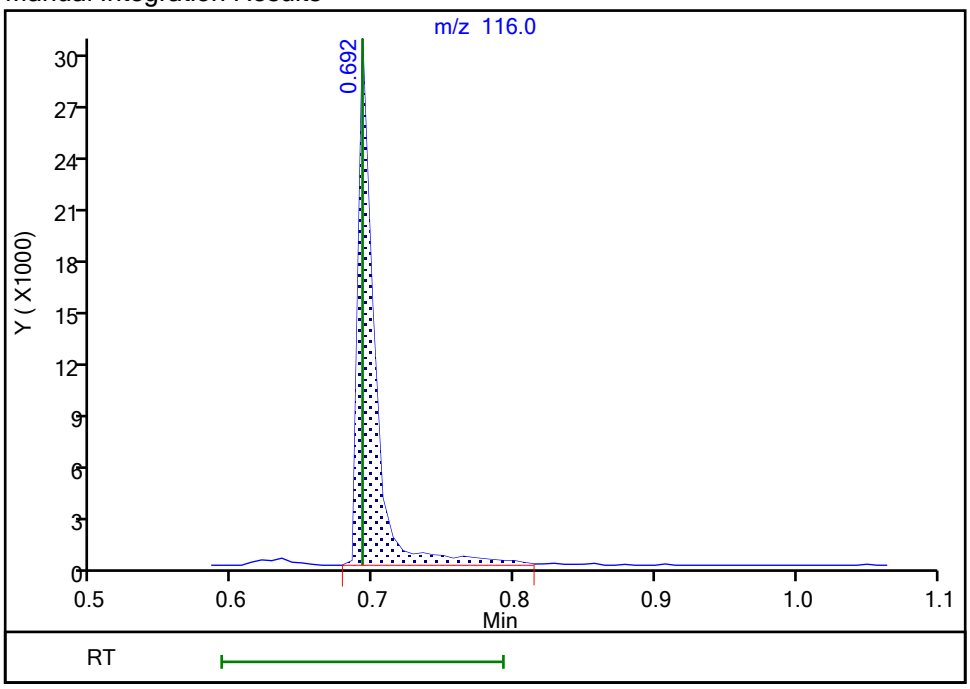
Not Detected
Expected RT: 0.69

Processing Integration Results




RT: 0.69
Area: 24412
Amount: 21.527769
Amount Units: ug/l

Manual Integration Results




Reviewer: xuyvo, 01-Oct-2021 13:05:22
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

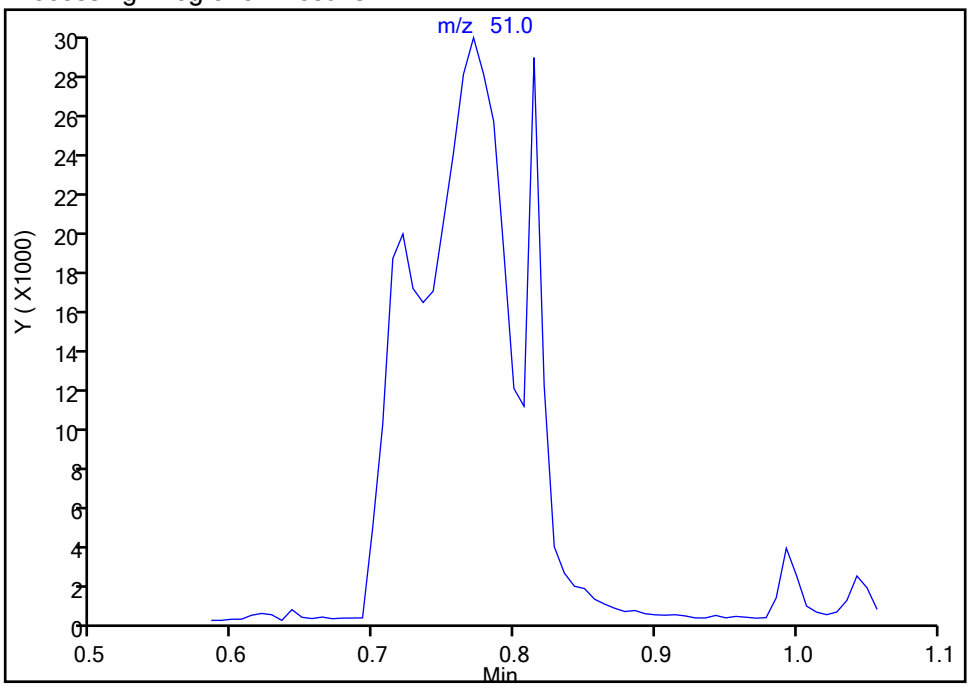
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93983.D
Injection Date: 30-Sep-2021 22:45:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 168 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

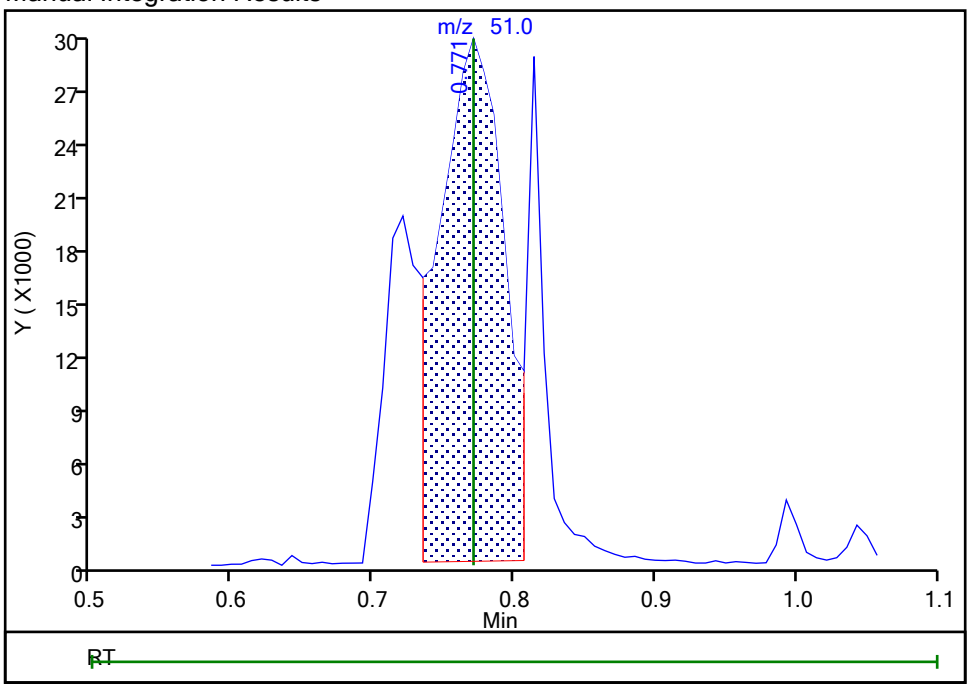
Not Detected
Expected RT: 0.77

Processing Integration Results




Manual Integration Results

RT: 0.77
Area: 96945
Amount: 17.639732
Amount Units: ug/l




Reviewer: xuyvo, 01-Oct-2021 13:05:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

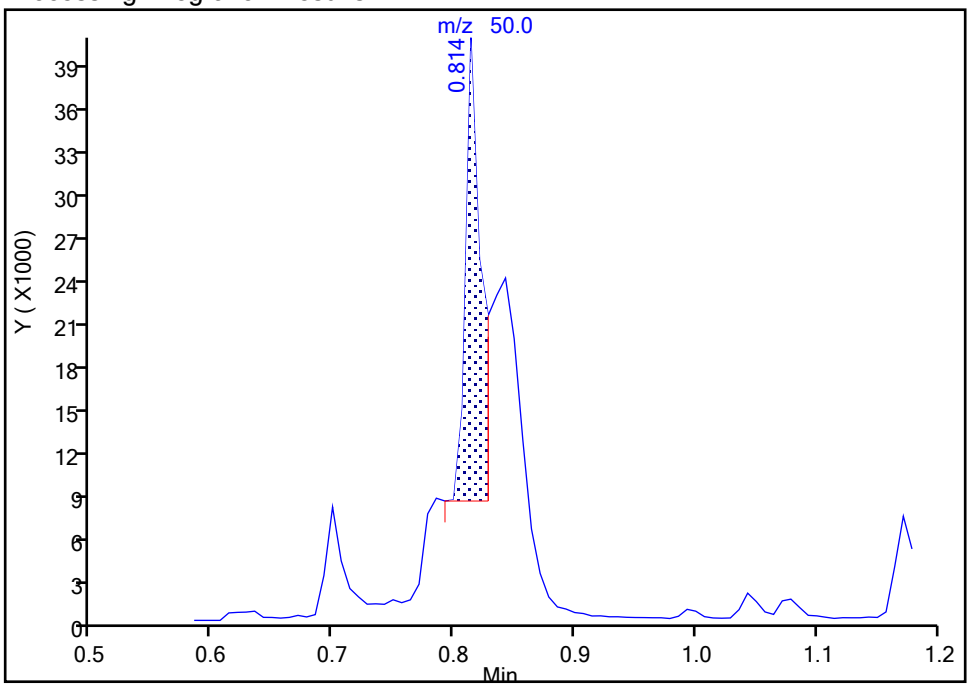
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93983.D
Injection Date: 30-Sep-2021 22:45:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

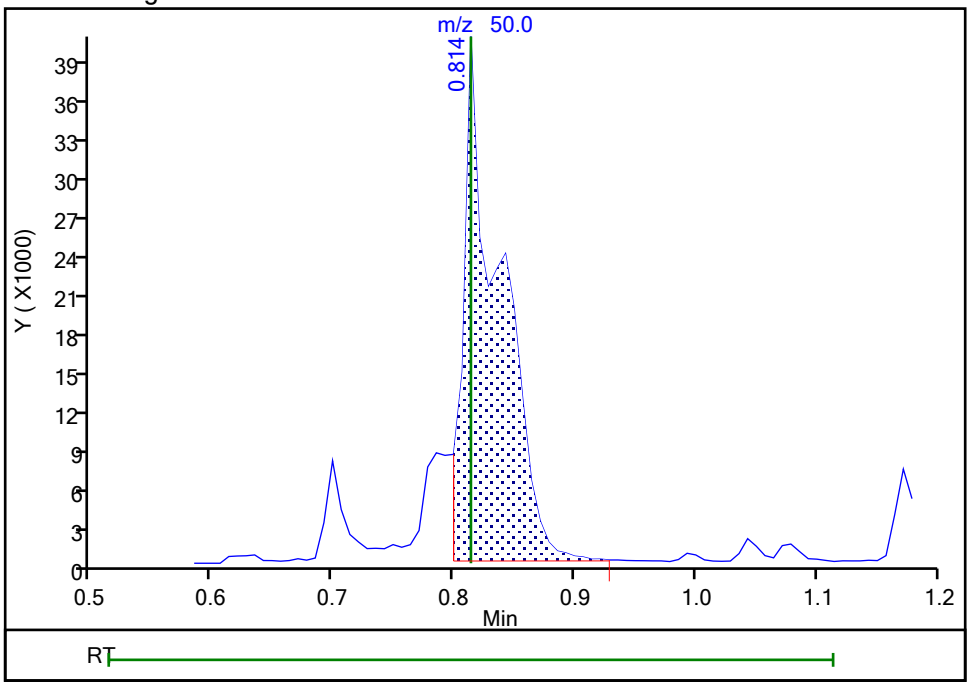
Processing Integration Results

RT: 0.81
Area: 29522
Amount: 6.356238
Amount Units: ug/l




Manual Integration Results

RT: 0.81
Area: 86320
Amount: 18.585139
Amount Units: ug/l




Reviewer: xuyvo, 01-Oct-2021 13:05:42
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

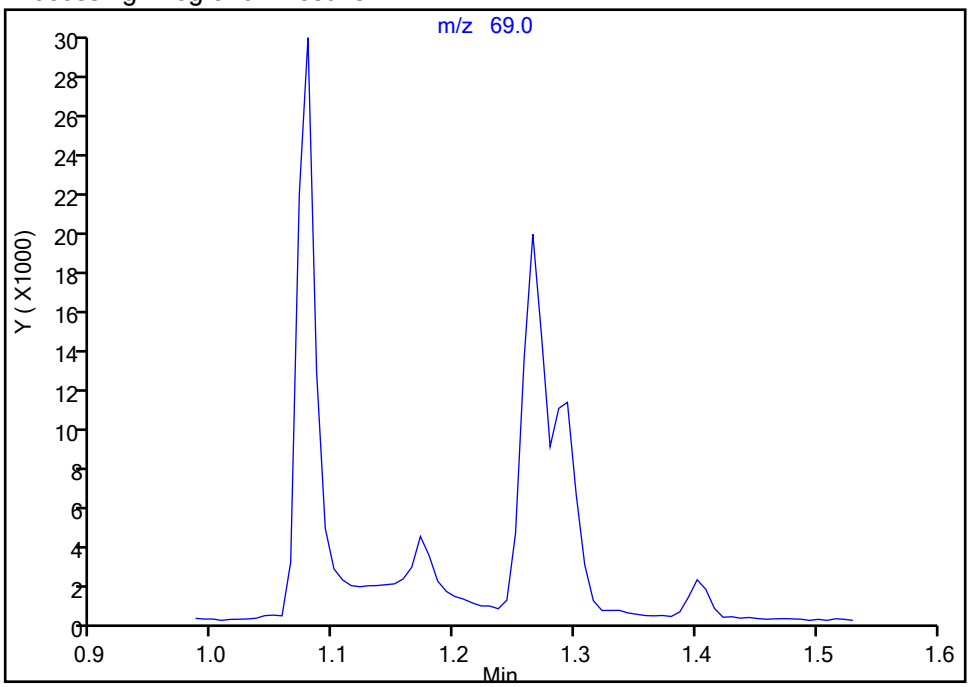
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93983.D
Injection Date: 30-Sep-2021 22:45:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 170 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

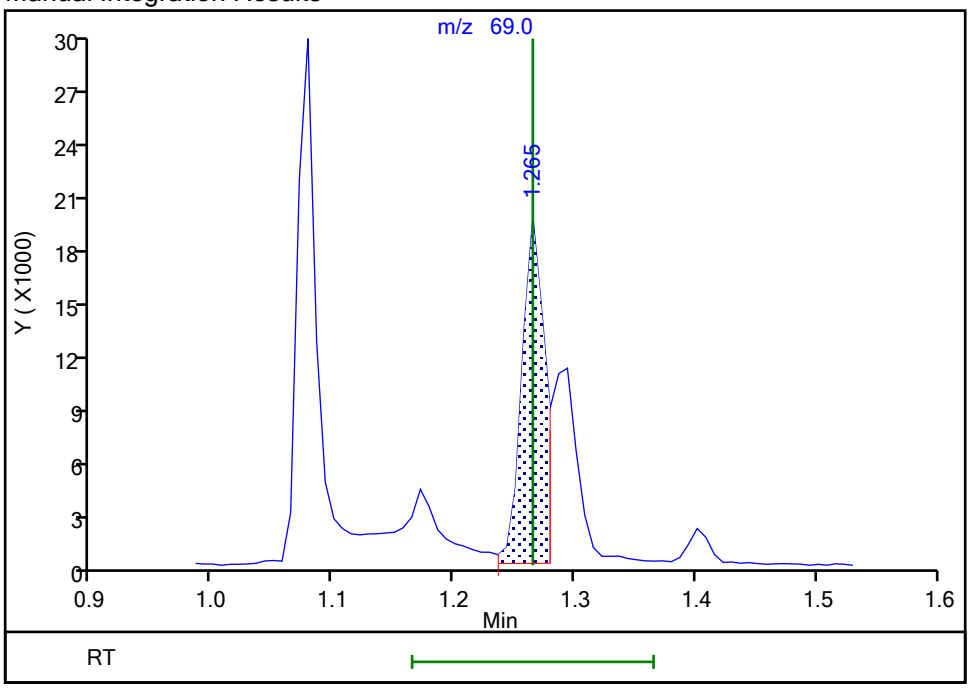
Not Detected
Expected RT: 1.27

Processing Integration Results




Manual Integration Results

RT: 1.27
Area: 26678
Amount: 21.832073
Amount Units: ug/l




Reviewer: xuyvo, 01-Oct-2021 13:05:51
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

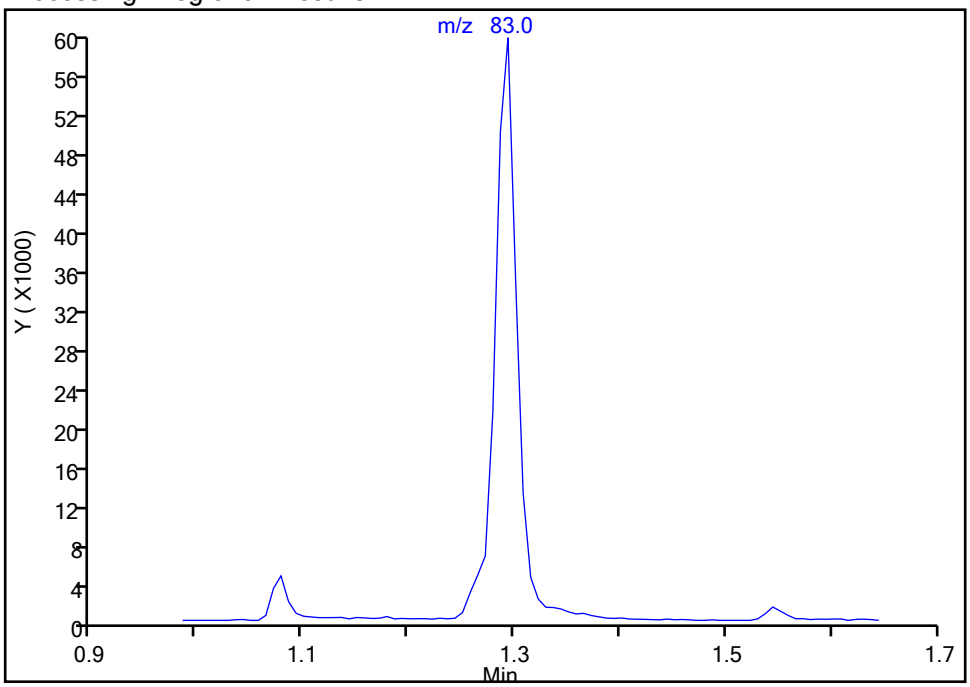
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93983.D
Injection Date: 30-Sep-2021 22:45:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 174 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

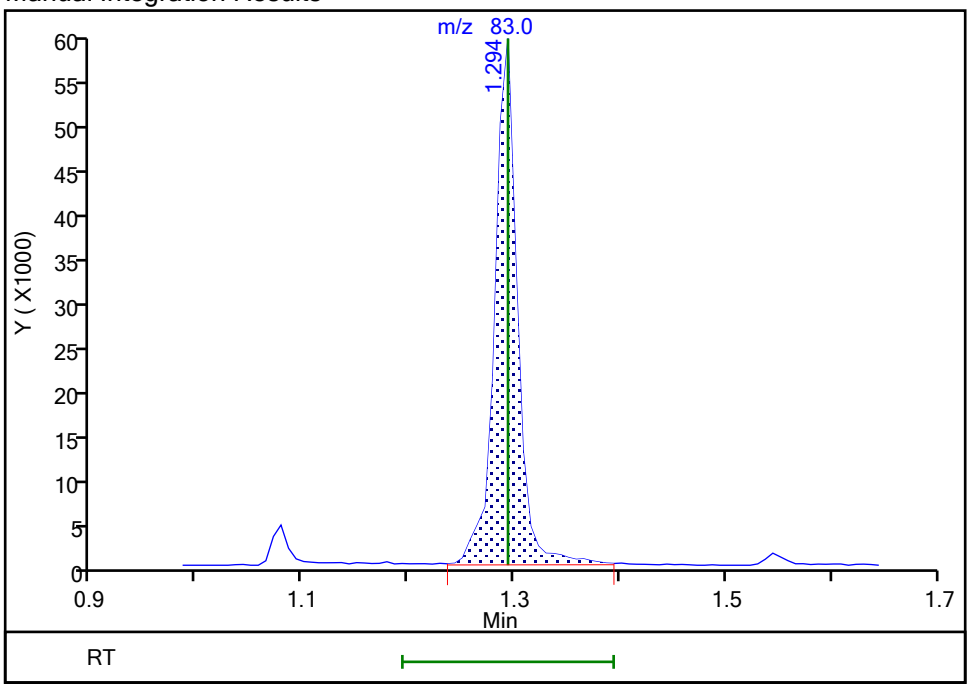
Not Detected
Expected RT: 1.29

Processing Integration Results




Manual Integration Results

RT: 1.29
Area: 89417
Amount: 18.917269
Amount Units: ug/l




Reviewer: xuyvo, 01-Oct-2021 13:05:59
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

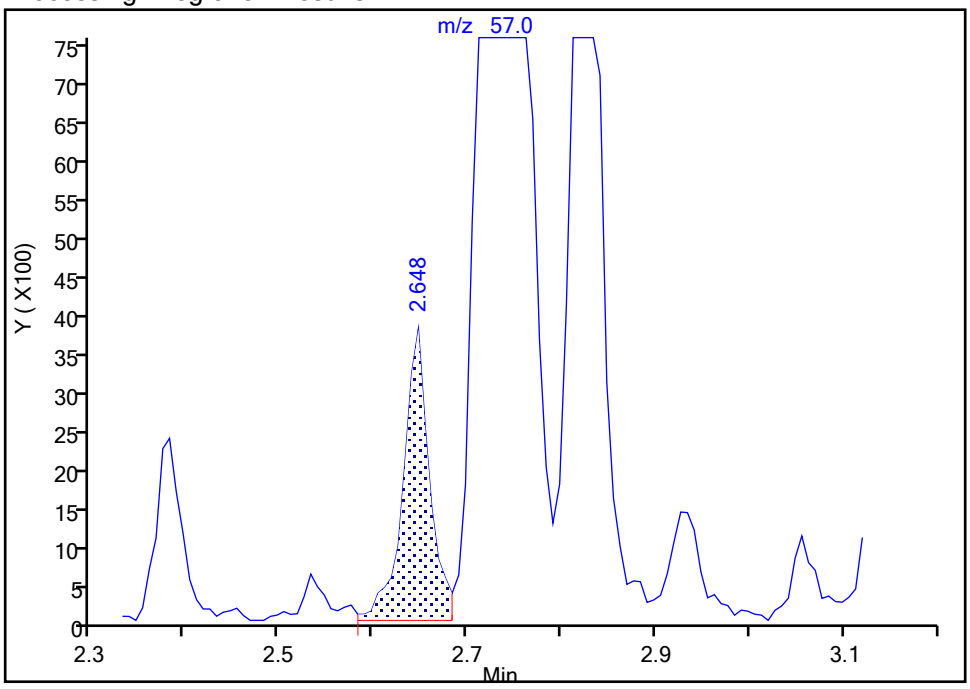
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93983.D
Injection Date: 30-Sep-2021 22:45:30 Instrument ID: CVOAMS13
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 57 n-Heptane, CAS: 142-82-5

Signal: 1

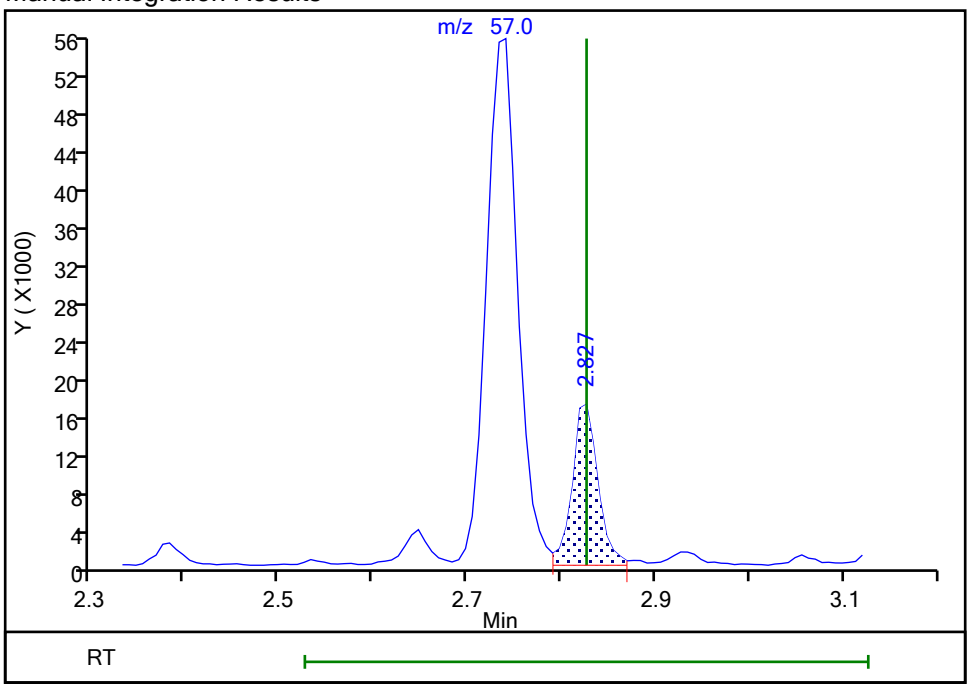
Processing Integration Results

RT: 2.65
Area: 7418
Amount: 3.995339
Amount Units: ug/l




Manual Integration Results

RT: 2.83
Area: 32498
Amount: 17.503443
Amount Units: ug/l




Reviewer: boykink, 30-Sep-2021 23:09:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: ICV 460-802292/17 Calibration Date: 09/20/2021 17:31

Instrument ID: CVOAMS7 Calib Start Date: 09/20/2021 12:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/20/2021 17:09

Lab File ID: V07745.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 | 0.0458 | 0.0487 | | 21.3 | 20.0 | 6.4 | 30.0 |
| Chlorotrifluoroethene | QuaF | | 0.2179 | | 18.8 | 20.0 | -5.9 | 30.0 |
| 1,1-Difluoroethane | Ave | 0.2303 | 0.2199 | | 19.1 | 20.0 | -4.5 | 30.0 |
| Dichlorodifluoromethane | Ave | 0.5289 | 0.7691 | 0.1000 | 29.1 | 20.0 | 45.4* | 30.0 |
| Chlorodifluoromethane | Ave | 0.0972 | 0.0919 | | 18.9 | 20.0 | -5.4 | 30.0 |
| Chloromethane | Ave | 0.5200 | 0.6861 | 0.1000 | 26.4 | 20.0 | 31.9* | 30.0 |
| Vinyl chloride | Ave | 0.6150 | 0.7341 | 0.1000 | 23.9 | 20.0 | 19.4 | 30.0 |
| Butadiene | Ave | 0.5898 | 0.6008 | | 20.4 | 20.0 | 1.9 | 30.0 |
| Bromomethane | Ave | 0.4083 | 0.5309 | 0.1000 | 26.0 | 20.0 | 30.0 | 30.0 |
| Chloroethane | Ave | 0.3960 | 0.4464 | 0.1000 | 22.5 | 20.0 | 12.7 | 30.0 |
| Dichlorofluoromethane | Ave | 0.8195 | 0.7840 | | 19.1 | 20.0 | -4.3 | 30.0 |
| Trichlorofluoromethane | Ave | 0.7551 | 0.8100 | 0.1000 | 21.5 | 20.0 | 7.3 | 30.0 |
| Pentane | Ave | 0.0901 | 0.0944 | | 41.9 | 40.0 | 4.8 | 30.0 |
| Ethanol | Ave | 0.5691 | 0.7061 | | 993 | 800 | 24.1 | 30.0 |
| Ethyl ether | Ave | 0.2798 | 0.2788 | | 19.9 | 20.0 | -0.4 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.4398 | 0.4328 | | 19.7 | 20.0 | -1.6 | 30.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.4193 | 0.3833 | | 18.3 | 20.0 | -8.6 | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.6593 | 0.6279 | | 19.0 | 20.0 | -4.8 | 30.0 |
| 1,1,2-Trichloro-1,2,2-triflu oroethane | Ave | 0.4526 | 0.4327 | 0.1000 | 19.1 | 20.0 | -4.4 | 30.0 |
| Acrolein | Ave | 11.77 | 14.00 | | 47.6 | 40.1 | 18.9 | 30.0 |
| 1,1-Dichloroethene | Ave | 0.4352 | 0.4344 | 0.1000 | 20.0 | 20.0 | -0.2 | 30.0 |
| Acetone | Ave | 1.621 | 1.548 | 0.0500 | 95.5 | 100 | -4.5 | 30.0 |
| Iodomethane | QuaF | | 0.3860 | | 11.9 | 20.0 | -40.7* | 30.0 |
| Isopropyl alcohol | Ave | 6.759 | 8.462 | | 250 | 200 | 25.2 | 30.0 |
| Carbon disulfide | Qua2 | | 1.308 | 0.1000 | 20.8 | 20.0 | 4.0 | 30.0 |
| 3-Chloro-1-propene | Ave | 0.2905 | 0.2957 | | 20.4 | 20.0 | 1.8 | 30.0 |
| Methyl acetate | Ave | 0.3793 | 0.3887 | 0.1000 | 41.0 | 40.0 | 2.5 | 30.0 |
| Cyclopentene | Ave | 1.156 | 1.185 | | 20.5 | 20.0 | 2.4 | 30.0 |
| Acetonitrile | Ave | 0.4595 | 0.5458 | | 238 | 200 | 18.8 | 30.0 |
| Methylene Chloride | Ave | 0.5128 | 0.4406 | 0.1000 | 17.2 | 20.0 | -14.1 | 30.0 |
| 2-Methyl-2-propanol | Qua | | 16.00 | | 232 | 200 | 16.2 | 30.0 |
| Methyl tert-butyl ether | Ave | 1.391 | 1.361 | 0.1000 | 19.6 | 20.0 | -2.1 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.5150 | 0.4705 | 0.1000 | 18.3 | 20.0 | -8.6 | 30.0 |
| Acrylonitrile | Ave | 0.1966 | 0.1945 | | 198 | 200 | -1.1 | 30.0 |
| Hexane | Ave | 0.6491 | 0.6109 | | 18.8 | 20.0 | -5.9 | 30.0 |
| Isopropyl ether | Ave | 1.289 | 1.222 | | 19.0 | 20.0 | -5.2 | 30.0 |
| 1,1-Dichloroethane | Ave | 0.8650 | 0.8010 | 0.2000 | 18.5 | 20.0 | -7.4 | 30.0 |
| Vinyl acetate | Ave | 0.9707 | 0.9667 | | 39.8 | 40.0 | -0.4 | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.4651 | 0.4523 | | 19.4 | 20.0 | -2.8 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Lab Sample ID: ICV 460-802292/17  Calibration Date: 09/20/2021 17:31

Instrument ID: CVOAMS7  Calib Start Date: 09/20/2021 12:12

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 09/20/2021 17:09

Lab File ID: V07745.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Tert-butyl ethyl ether | Ave | 1.364 | 1.327 | | 19.5 | 20.0 | -2.7 | 30.0 |
| 2,2-Dichloropropane | Ave | 0.1925 | 0.1724 | | 17.9 | 20.0 | -10.5 | 30.0 |
| 2-Butanone | Ave | 0.7152 | 0.7329 | 0.0500 | 102 | 100 | 2.5 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 0.5637 | 0.5178 | 0.1000 | 18.4 | 20.0 | -8.2 | 30.0 |
| Ethyl acetate | QuaF | | 0.7054 | | 42.7 | 40.0 | 6.7 | 30.0 |
| Methyl acrylate | Ave | 0.4207 | 0.4380 | | 20.8 | 20.0 | 4.1 | 30.0 |
| Propionitrile | Ave | 0.0761 | 0.0748 | | 197 | 200 | -1.7 | 30.0 |
| Chlorobromomethane | Ave | 0.2712 | 0.2424 | | 17.9 | 20.0 | -10.6 | 30.0 |
| Tetrahydrofuran | Ave | 0.0886 | 0.0822 | | 37.1 | 40.0 | -7.2 | 30.0 |
| Methacrylonitrile | Ave | 0.2413 | 0.2366 | | 196 | 200 | -2.0 | 30.0 |
| Chloroform | Ave | 0.8808 | 0.8013 | 0.2000 | 18.2 | 20.0 | -9.0 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.8052 | 0.7487 | 0.1000 | 18.6 | 20.0 | -7.0 | 30.0 |
| Cyclohexane | Ave | 0.8046 | 0.7647 | 0.1000 | 19.0 | 20.0 | -5.0 | 30.0 |
| Carbon tetrachloride | Ave | 0.6708 | 0.6296 | 0.1000 | 18.8 | 20.0 | -6.1 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.6959 | 0.6406 | | 18.4 | 20.0 | -7.9 | 30.0 |
| Isobutyl alcohol | Ave | 7.275 | 8.760 | | 602 | 500 | 20.4 | 30.0 |
| Isooctane | Ave | 1.277 | 1.222 | | 19.1 | 20.0 | -4.3 | 30.0 |
| Benzene | Ave | 2.629 | 2.627 | 0.5000 | 20.0 | 20.0 | -0.0 | 30.0 |
| Isopropyl acetate | Qua | | 0.2175 | | 19.9 | 20.0 | -0.6 | 30.0 |
| Tert-amyl methyl ether | Ave | 1.458 | 1.390 | | 19.1 | 20.0 | -4.7 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.6501 | 0.6032 | 0.1000 | 18.6 | 20.0 | -7.2 | 30.0 |
| n-Heptane | Ave | 0.1450 | 0.1349 | | 18.6 | 20.0 | -6.9 | 30.0 |
| n-Butanol | Qua2 | | 2.883 | | 578 | 500 | 15.6 | 30.0 |
| Trichloroethene | Ave | 0.5359 | 0.4856 | 0.2000 | 18.1 | 20.0 | -9.4 | 30.0 |
| Ethyl acrylate | Ave | 0.0848 | 0.0848 | | 20.0 | 20.0 | 0.0 | 30.0 |
| Methylcyclohexane | Ave | 0.8699 | 0.8001 | 0.1000 | 18.4 | 20.0 | -8.0 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.4619 | 0.4281 | 0.1000 | 18.5 | 20.0 | -7.3 | 30.0 |
| Methyl methacrylate | Ave | 0.1493 | 0.1519 | | 40.7 | 40.0 | 1.7 | 30.0 |
| 1,4-Dioxane | Ave | 2.835 | 3.103 | | 438 | 400 | 9.5 | 30.0 |
| Dibromomethane | Ave | 0.3070 | 0.2826 | | 18.4 | 20.0 | -7.9 | 30.0 |
| n-Propyl acetate | Ave | 0.6682 | 0.7074 | | 21.2 | 20.0 | 5.9 | 30.0 |
| Bromodichloromethane | Ave | 0.6307 | 0.5995 | 0.2000 | 19.0 | 20.0 | -4.9 | 30.0 |
| 2-Nitropropane | Ave | 0.1886 | 0.1800 | | 38.2 | 40.0 | -4.6 | 30.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.2976 | 0.3005 | | 20.2 | 20.0 | 1.0 | 30.0 |
| Epichlorohydrin | Ave | 0.5313 | 0.5939 | | 22.4 | 20.0 | 11.8 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 1.068 | 1.031 | 0.2000 | 19.3 | 20.0 | -3.5 | 30.0 |
| 4-Methyl-2-pentanone | Ave | 4.331 | 4.829 | 0.0500 | 112 | 100 | 11.5 | 30.0 |
| Toluene | Ave | 2.880 | 2.752 | 0.4000 | 19.1 | 20.0 | -4.5 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.9897 | 0.9173 | 0.1000 | 18.5 | 20.0 | -7.3 | 30.0 |
| Ethyl methacrylate | Ave | 0.8007 | 0.7829 | | 19.6 | 20.0 | -2.2 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.5139 | 0.4820 | 0.1000 | 18.8 | 20.0 | -6.2 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: ICV 460-802292/17 Calibration Date: 09/20/2021 17:31

Instrument ID: CVOAMS7 Calib Start Date: 09/20/2021 12:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/20/2021 17:09

Lab File ID: V07745.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 | 0.7477 | 0.7271 | 0.2000 | 19.4 | 20.0 | -2.8 | 30.0 |
| 1,3-Dichloropropane | Ave | 0.9677 | 0.9382 | | 19.4 | 20.0 | -3.0 | 30.0 |
| 2-Hexanone | Ave | 2.860 | 3.296 | 0.0500 | 115 | 100 | 15.2 | 30.0 |
| n-Butyl acetate | Ave | 0.8876 | 0.9283 | | 20.9 | 20.0 | 4.6 | 30.0 |
| Dibromochloromethane | Ave | 0.6154 | 0.6459 | 0.1000 | 21.0 | 20.0 | 5.0 | 30.0 |
| Ethylene Dibromide | Ave | 0.6359 | 0.6393 | 0.1000 | 20.1 | 20.0 | 0.5 | 30.0 |
| Chlorobenzene | Ave | 1.809 | 1.766 | 0.5000 | 19.5 | 20.0 | -2.4 | 30.0 |
| Ethylbenzene | Ave | 0.9653 | 0.9608 | 0.1000 | 19.9 | 20.0 | -0.5 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.6640 | 0.6365 | | 19.2 | 20.0 | -4.1 | 30.0 |
| m-Xylene & p-Xylene | Ave | 1.196 | 1.163 | 0.1000 | 19.4 | 20.0 | -2.8 | 30.0 |
| n-Butyl acrylate | Ave | 0.5289 | 0.5087 | | 19.2 | 20.0 | -3.8 | 30.0 |
| o-Xylene | Ave | 1.156 | 1.139 | 0.3000 | 19.7 | 20.0 | -1.5 | 30.0 |
| Styrene | Ave | 1.896 | 1.887 | 0.3000 | 19.9 | 20.0 | -0.5 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 2.005 | 2.099 | | 20.9 | 20.0 | 4.7 | 30.0 |
| Bromoform | Ave | 0.4541 | 0.4689 | 0.1000 | 20.7 | 20.0 | 3.3 | 30.0 |
| Isopropylbenzene | Ave | 2.880 | 2.981 | 0.1000 | 20.7 | 20.0 | 3.5 | 30.0 |
| Bromobenzene | Ave | 1.546 | 1.516 | | 19.6 | 20.0 | -2.0 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.606 | 1.574 | 0.3000 | 19.6 | 20.0 | -2.0 | 30.0 |
| N-Propylbenzene | Ave | 6.831 | 6.938 | | 20.3 | 20.0 | 1.6 | 30.0 |
| 1,2,3-Trichloropropane | Qua2 | | 0.5119 | | 21.5 | 20.0 | 7.6 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.4754 | 0.4832 | | 20.3 | 20.0 | 1.6 | 30.0 |
| 2-Chlorotoluene | Ave | 4.679 | 4.561 | | 19.5 | 20.0 | -2.5 | 30.0 |
| 4-Ethyltoluene | Ave | 5.745 | 5.911 | | 20.6 | 20.0 | 2.9 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 4.834 | 4.893 | | 20.2 | 20.0 | 1.2 | 30.0 |
| 4-Chlorotoluene | Ave | 4.285 | 4.311 | | 20.1 | 20.0 | 0.6 | 30.0 |
| Butyl Methacrylate | Ave | 1.552 | 1.678 | | 21.6 | 20.0 | 8.1 | 30.0 |
| tert-Butylbenzene | Ave | 4.128 | 4.243 | | 20.6 | 20.0 | 2.8 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 4.873 | 4.967 | | 20.4 | 20.0 | 1.9 | 30.0 |
| sec-Butylbenzene | Ave | 5.774 | 6.059 | | 21.0 | 20.0 | 4.9 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 2.937 | 2.761 | 0.6000 | 18.8 | 20.0 | -6.0 | 30.0 |
| 4-Isopropyltoluene | Ave | 5.244 | 5.250 | | 20.0 | 20.0 | 0.1 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 2.957 | 2.819 | 0.5000 | 19.1 | 20.0 | -4.7 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 5.060 | 5.107 | | 20.2 | 20.0 | 0.9 | 30.0 |
| Benzyl chloride | Ave | 3.071 | 3.285 | | 21.4 | 20.0 | 6.9 | 30.0 |
| Indan | Ave | 4.893 | 5.200 | | 21.3 | 20.0 | 6.3 | 30.0 |
| p-Diethylbenzene | Ave | 2.643 | 3.212 | | 24.3 | 20.0 | 21.5 | 30.0 |
| n-Butylbenzene | Ave | 2.474 | 2.516 | | 20.3 | 20.0 | 1.7 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 2.764 | 2.587 | 0.4000 | 18.7 | 20.0 | -6.4 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 4.234 | 4.165 | | 19.7 | 20.0 | -1.6 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.4322 | 0.4248 | 0.0500 | 19.7 | 20.0 | -1.7 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 1.944 | 1.935 | | 19.9 | 20.0 | -0.4 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Lab Sample ID: ICV 460-802292/17  Calibration Date: 09/20/2021 17:31

Instrument ID: CVOAMS7  Calib Start Date: 09/20/2021 12:12

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 09/20/2021 17:09

Lab File ID: V07745.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | Ave | 1.811 | 1.677 | 0.2000 | 18.5 | 20.0 | -7.4 | 30.0 |
| Hexachlorobutadiene | Ave | 0.6884 | 0.6449 | | 18.7 | 20.0 | -6.3 | 30.0 |
| Naphthalene | Ave | 4.710 | 4.192 | | 17.8 | 20.0 | -11.0 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 1.715 | 1.573 | | 18.3 | 20.0 | -8.3 | 30.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2845 | 0.2760 | | 48.5 | 50.0 | -3.0 | 30.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2992 | 0.2698 | | 45.1 | 50.0 | -9.8 | 30.0 |
| Toluene-d8 (Surr) | Ave | 1.645 | 1.710 | | 52.0 | 50.0 | 3.9 | 30.0 |
| Bromofluorobenzene | Ave | 0.4717 | 0.4929 | | 52.2 | 50.0 | 4.5 | 30.0 |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07745.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 20-Sep-2021 17:31:30 ALS Bottle#: 66 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0134774-017
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 21-Sep-2021 09:05:54 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1676

First Level Reviewer: baronm Date: 21-Sep-2021 08:57:13

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 93 | 8676 | 20.0 | 21.3 | |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 89 | 38787 | 20.0 | 18.8 | |
| 4 1,1-Difluoroethane | 65 | 1.286 | 1.275 | 0.011 | 45 | 39149 | 20.0 | 19.1 | |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 99 | 136932 | 20.0 | 29.1 | |
| 2 Chlorodifluoromethane | 67 | 1.320 | 1.309 | 0.011 | 99 | 16369 | 20.0 | 18.9 | |
| 6 Chloromethane | 50 | 1.435 | 1.435 | 0.000 | 99 | 122150 | 20.0 | 26.4 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 98 | 130700 | 20.0 | 23.9 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 95 | 106956 | 20.0 | 20.4 | |
| 9 Bromomethane | 94 | 1.720 | 1.720 | 0.000 | 99 | 94522 | 20.0 | 26.0 | |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 99 | 79471 | 20.0 | 22.5 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 98 | 139582 | 20.0 | 19.1 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 97 | 144214 | 20.0 | 21.5 | |
| 13 Pentane | 72 | 1.960 | 1.960 | 0.000 | 93 | 33615 | 40.0 | 41.9 | |
| 17 Ethanol | 46 | 2.075 | 2.075 | 0.000 | 97 | 17242 | 800.0 | 992.5 | |
| 14 Ethyl ether | 74 | 2.109 | 2.109 | 0.000 | 94 | 49634 | 20.0 | 19.9 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 97 | 77055 | 20.0 | 19.7 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 92 | 68244 | 20.0 | 18.3 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 98 | 111791 | 20.0 | 19.0 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 99 | 77038 | 20.0 | 19.1 | |
| 52 Acrolein | 56 | 2.258 | 2.258 | 0.000 | 93 | 17117 | 40.1 | 47.6 | |
| 20 1,1-Dichloroethene | 96 | 2.292 | 2.280 | 0.012 | 97 | 77346 | 20.0 | 20.0 | |
| 23 Acetone | 43 | 2.349 | 2.349 | 0.000 | 87 | 125327 | 100.0 | 95.5 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 96 | 68717 | 20.0 | 11.9 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 74 | 51659 | 200.0 | 250.4 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 100 | 232927 | 20.0 | 20.8 | |
| 30 Methyl acetate | 43 | 2.543 | 2.543 | 0.000 | 97 | 138389 | 40.0 | 41.0 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 89 | 52646 | 20.0 | 20.4 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 95 | 210924 | 20.0 | 20.5 | |
| 27 Acetonitrile | 41 | 2.600 | 2.600 | 0.000 | 97 | 88392 | 200.0 | 237.6 | a |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 30525 | 1000.0 | 1000.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 89 | 78445 | 20.0 | 17.2 | |
| 31 2-Methyl-2-propanol | 59 | 2.680 | 2.680 | 0.000 | 98 | 97656 | 200.0 | 232.4 | |
| 32 Methyl tert-butyl ether | 73 | 2.783 | 2.772 | 0.011 | 96 | 242369 | 20.0 | 19.6 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 94 | 83760 | 20.0 | 18.3 | |
| 35 Acrylonitrile | 53 | 2.875 | 2.863 | 0.012 | 93 | 346341 | 200.0 | 197.9 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 91 | 108754 | 20.0 | 18.8 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 96 | 217564 | 20.0 | 19.0 | |
| 40 Vinyl acetate | 86 | 3.161 | 3.161 | 0.001 | 99 | 31307 | 40.0 | 39.8 | |
| 38 1,1-Dichloroethane | 63 | 3.161 | 3.161 | 0.001 | 73 | 142609 | 20.0 | 18.5 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.206 | 3.206 | 0.000 | 91 | 80531 | 20.0 | 19.4 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | 0.000 | 90 | 236291 | 20.0 | 19.5 | |
| * 42 2-Butanone-d5 | 46 | 3.595 | 3.583 | 0.012 | 100 | 202419 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 97 | 30686 | 20.0 | 17.9 | |
| 47 Ethyl acetate | 70 | 3.641 | 3.641 | 0.000 | 95 | 22847 | 40.0 | 42.7 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 96 | 59338 | 100.0 | 102.5 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 97 | 92178 | 20.0 | 18.4 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 99 | 77980 | 20.0 | 20.8 | |
| 48 Propionitrile | 54 | 3.766 | 3.766 | 0.000 | 97 | 133246 | 200.0 | 196.6 | |
| 50 Tetrahydrofuran | 72 | 3.846 | 3.846 | 0.000 | 86 | 29258 | 40.0 | 37.1 | |
| 49 Chlorobromomethane | 128 | 3.846 | 3.846 | 0.000 | 86 | 43156 | 20.0 | 17.9 | |
| 54 Methacrylonitrile | 67 | 3.858 | 3.858 | 0.000 | 91 | 421195 | 200.0 | 196.1 | |
| 51 Chloroform | 83 | 3.903 | 3.892 | 0.011 | 98 | 142656 | 20.0 | 18.2 | |
| 53 Cyclohexane | 84 | 4.029 | 4.018 | 0.011 | 88 | 136149 | 20.0 | 19.0 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 97 | 133301 | 20.0 | 18.6 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 97 | 122851 | 50.0 | 48.5 | |
| 57 Carbon tetrachloride | 117 | 4.155 | 4.155 | 0.000 | 97 | 112097 | 20.0 | 18.8 | |
| 58 1,1-Dichloropropene | 75 | 4.178 | 4.178 | 0.000 | 97 | 114051 | 20.0 | 18.4 | |
| 61 Isobutyl alcohol | 43 | 4.292 | 4.292 | 0.000 | 97 | 133701 | 500.0 | 602.1 | |
| 64 Isooctane | 57 | 4.338 | 4.338 | 0.000 | 98 | 217516 | 20.0 | 19.1 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 97 | 336128 | 20.0 | 20.0 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.395 | 4.395 | 0.000 | 97 | 120100 | 50.0 | 45.1 | |
| 66 Isopropyl acetate | 61 | 4.418 | 4.418 | 0.000 | 95 | 38719 | 20.0 | 19.9 | |
| 62 Tert-amyl methyl ether | 73 | 4.429 | 4.429 | 0.000 | 92 | 247460 | 20.0 | 19.1 | |
| 63 1,2-Dichloroethane | 62 | 4.464 | 4.463 | 0.001 | 98 | 107383 | 20.0 | 18.6 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 93 | 24022 | 20.0 | 18.6 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 445089 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 4.978 | 4.978 | 0.000 | 91 | 43996 | 500.0 | 578.0 | |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 97 | 86462 | 20.0 | 18.1 | |
| 71 Ethyl acrylate | 99 | 5.138 | 5.138 | 0.000 | 95 | 15097 | 20.0 | 20.0 | |
| 72 Methylcyclohexane | 83 | 5.138 | 5.138 | 0.000 | 80 | 142440 | 20.0 | 18.4 | |
| 73 1,2-Dichloropropane | 63 | 5.321 | 5.321 | 0.000 | 87 | 76223 | 20.0 | 18.5 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.389 | 5.389 | 0.000 | 45 | 18223 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.401 | 5.389 | 0.012 | 85 | 54076 | 40.0 | 40.7 | |
| 78 1,4-Dioxane | 88 | 5.446 | 5.446 | 0.000 | 27 | 22620 | 400.0 | 437.8 | |
| 77 n-Propyl acetate | 43 | 5.458 | 5.458 | 0.000 | 98 | 125950 | 20.0 | 21.2 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 95 | 50321 | 20.0 | 18.4 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 99 | 106725 | 20.0 | 19.0 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.984 | 5.972 | 0.012 | 86 | 53505 | 20.0 | 20.2 | |
| 34 2-Nitropropane | 41 | 5.972 | 5.972 | 0.000 | 94 | 64081 | 40.0 | 38.2 | |
| 80 Epichlorohydrin | 57 | 6.098 | 6.087 | 0.012 | 91 | 9617 | 20.0 | 22.4 | a |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 93 | 131923 | 20.0 | 19.3 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.327 | 6.327 | 0.000 | 96 | 390991 | 100.0 | 111.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 99 | 546970 | 50.0 | 52.0 | |
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 93 | 352033 | 20.0 | 19.1 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 97 | 117348 | 20.0 | 18.5 | |
| 86 Ethyl methacrylate | 69 | 6.932 | 6.932 | 0.000 | 87 | 100159 | 20.0 | 19.6 | |
| 87 1,1,2-Trichloroethane | 83 | 7.138 | 7.138 | 0.000 | 95 | 61664 | 20.0 | 18.8 | |
| 88 Tetrachloroethene | 166 | 7.184 | 7.184 | 0.000 | 96 | 93023 | 20.0 | 19.4 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 93 | 120030 | 20.0 | 19.4 | |
| 91 2-Hexanone | 43 | 7.447 | 7.435 | 0.012 | 94 | 266898 | 100.0 | 115.2 | |
| 92 n-Butyl acetate | 43 | 7.584 | 7.584 | 0.000 | 98 | 118766 | 20.0 | 20.9 | |
| 90 Chlorodibromomethane | 129 | 7.630 | 7.630 | 0.000 | 97 | 82635 | 20.0 | 21.0 | |
| 93 Ethylene Dibromide | 107 | 7.790 | 7.790 | 0.000 | 97 | 81790 | 20.0 | 20.1 | |
| * 94 Chlorobenzene-d5 | 117 | 8.327 | 8.315 | 0.012 | 85 | 319833 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 225885 | 20.0 | 19.5 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 122912 | 20.0 | 19.9 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 96 | 81430 | 20.0 | 19.2 | |
| 98 m-Xylene & p-Xylene | 106 | 8.578 | 8.590 | -0.012 | 96 | 148727 | 20.0 | 19.4 | |
| 99 n-Butyl acrylate | 73 | 9.013 | 9.013 | 0.001 | 66 | 65077 | 20.0 | 19.2 | |
| 100 o-Xylene | 106 | 9.013 | 9.013 | 0.001 | 94 | 145668 | 20.0 | 19.7 | |
| 101 Styrene | 104 | 9.047 | 9.047 | 0.000 | 96 | 241397 | 20.0 | 19.9 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 92 | 133892 | 20.0 | 20.9 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | 0.000 | 97 | 59989 | 20.0 | 20.7 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 96 | 381311 | 20.0 | 20.7 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 157637 | 50.0 | 52.2 | |
| 107 Bromobenzene | 156 | 9.687 | 9.687 | 0.000 | 94 | 96704 | 20.0 | 19.6 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 98 | 100435 | 20.0 | 19.6 | |
| 109 N-Propylbenzene | 91 | 9.755 | 9.755 | 0.000 | 99 | 442670 | 20.0 | 20.3 | |
| 115 1,2,3-Trichloropropane | 110 | 9.778 | 9.778 | 0.000 | 97 | 32658 | 20.0 | 21.5 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 92 | 30825 | 20.0 | 20.3 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 97 | 291009 | 20.0 | 19.5 | |
| 113 4-Ethyltoluene | 105 | 9.870 | 9.870 | 0.000 | 98 | 377119 | 20.0 | 20.6 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 93 | 312181 | 20.0 | 20.2 | |
| 110 4-Chlorotoluene | 91 | 9.961 | 9.961 | 0.000 | 98 | 275058 | 20.0 | 20.1 | |
| 117 Butyl Methacrylate | 87 | 10.030 | 10.030 | 0.000 | 88 | 107059 | 20.0 | 21.6 | |
| 118 tert-Butylbenzene | 119 | 10.201 | 10.201 | 0.000 | 96 | 270697 | 20.0 | 20.6 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 97 | 316867 | 20.0 | 20.4 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 99 | 386565 | 20.0 | 21.0 | |
| 122 1,3-Dichlorobenzene | 146 | 10.510 | 10.510 | 0.000 | 98 | 176172 | 20.0 | 18.8 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 98 | 334968 | 20.0 | 20.0 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 94 | 159499 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.601 | 10.601 | 0.000 | 95 | 179855 | 20.0 | 19.1 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 98 | 325848 | 20.0 | 20.2 | |
| 125 Benzyl chloride | 91 | 10.716 | 10.716 | 0.000 | 99 | 209551 | 20.0 | 21.4 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 94 | 331783 | 20.0 | 21.3 | |
| 126 p-Diethylbenzene | 119 | 10.818 | 10.818 | 0.000 | 96 | 204943 | 20.0 | 24.3 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 98 | 160530 | 20.0 | 20.3 | |
| 128 1,2-Dichlorobenzene | 146 | 10.898 | 10.898 | 0.000 | 97 | 165079 | 20.0 | 18.7 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 98 | 265699 | 20.0 | 19.7 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 93 | 27102 | 20.0 | 19.7 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 97 | 123456 | 20.0 | 19.9 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | 0.000 | 92 | 106980 | 20.0 | 18.5 | |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 95 | 41147 | 20.0 | 18.7 | |
| 134 Naphthalene | 128 | 12.281 | 12.281 | 0.000 | 99 | 267471 | 20.0 | 17.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 96 | 100362 | 20.0 | 18.3 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 36.6 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 39.1 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 40.0 | 37.8 | |
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 98.2 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN SP_00128 | Amount Added: | 4.00 | Units: uL | |
| 8FreonsSS_00036 | Amount Added: | 20.00 | Units: uL | |
| GAS C SP_00427 | Amount Added: | 20.00 | Units: uL | |
| 8260 SP_00144 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00220 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 21-Sep-2021 09:05:57 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07745.D

Injection Date: 20-Sep-2021 17:31:30 Instrument ID: CVOAMS7

Lims ID: ICV

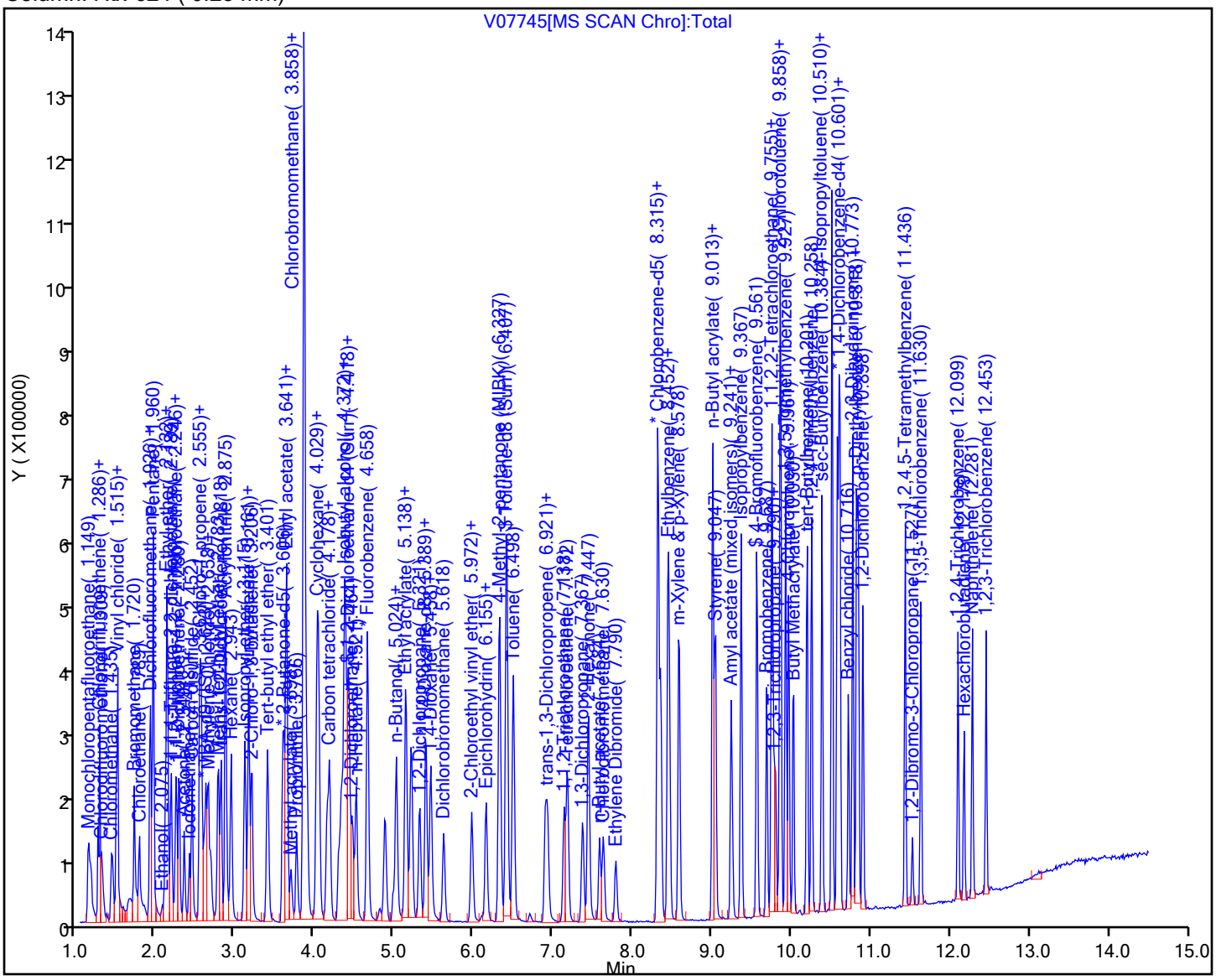
Client ID:

Operator ID: ALS Bottle#: 66 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

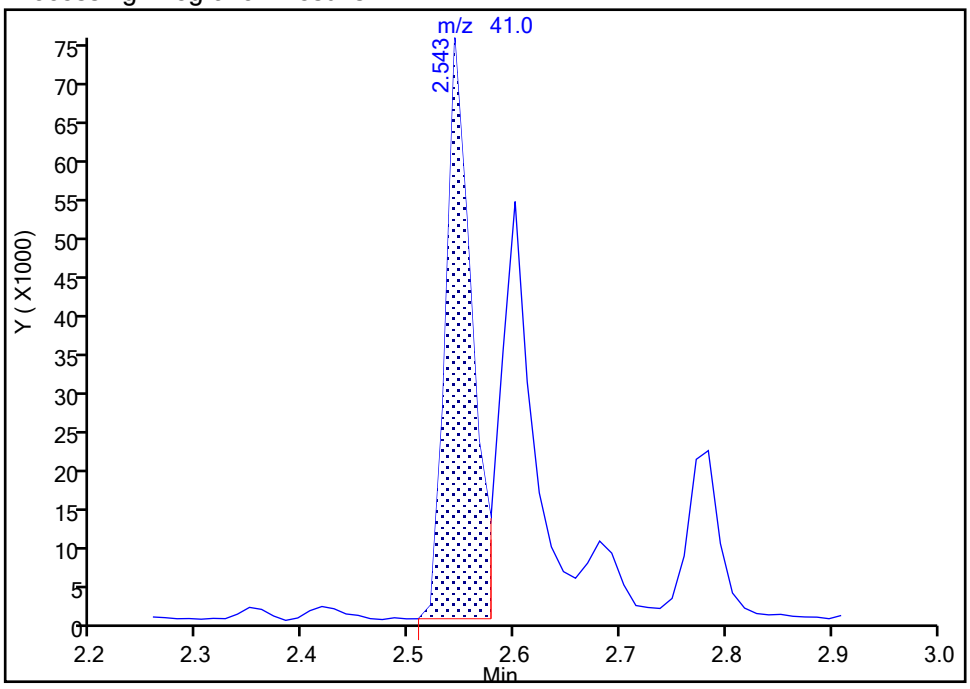
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07745.D
Injection Date: 20-Sep-2021 17:31:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 66 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

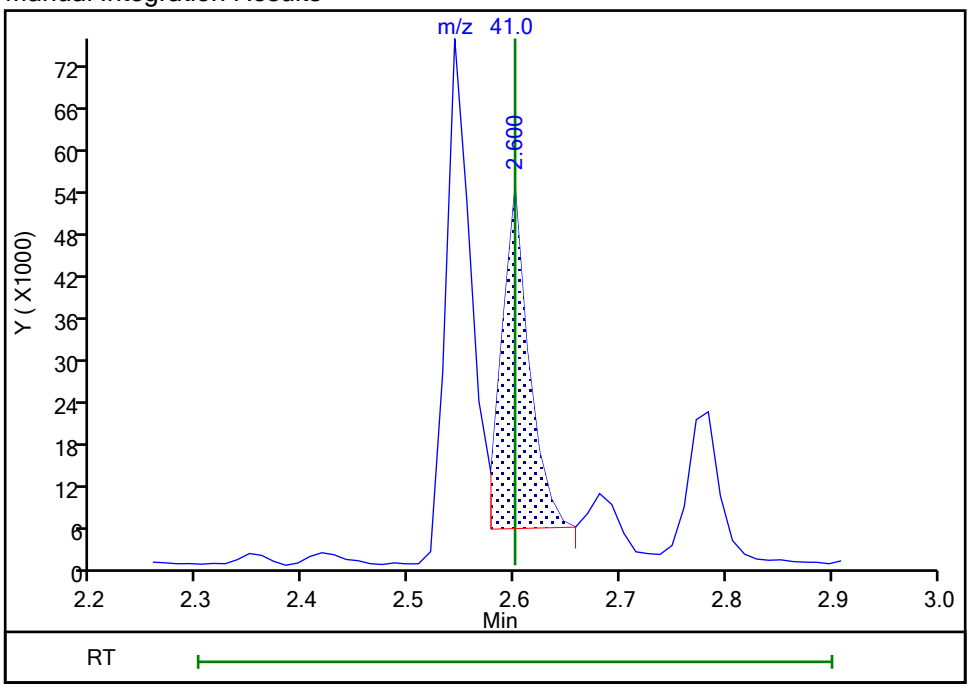
Processing Integration Results

RT: 2.54
Area: 132414
Amount: 355.9070
Amount Units: ug/l




Manual Integration Results

RT: 2.60
Area: 88392
Amount: 237.5831
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 08:56:27
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

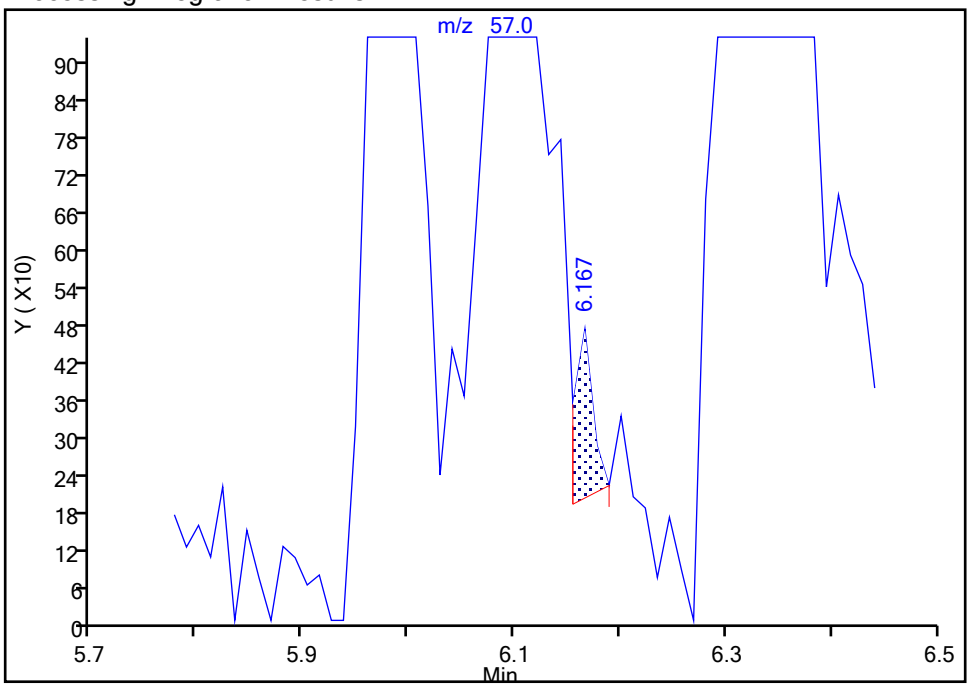
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07745.D
Injection Date: 20-Sep-2021 17:31:30 Instrument ID: CVOAMS7
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 66 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

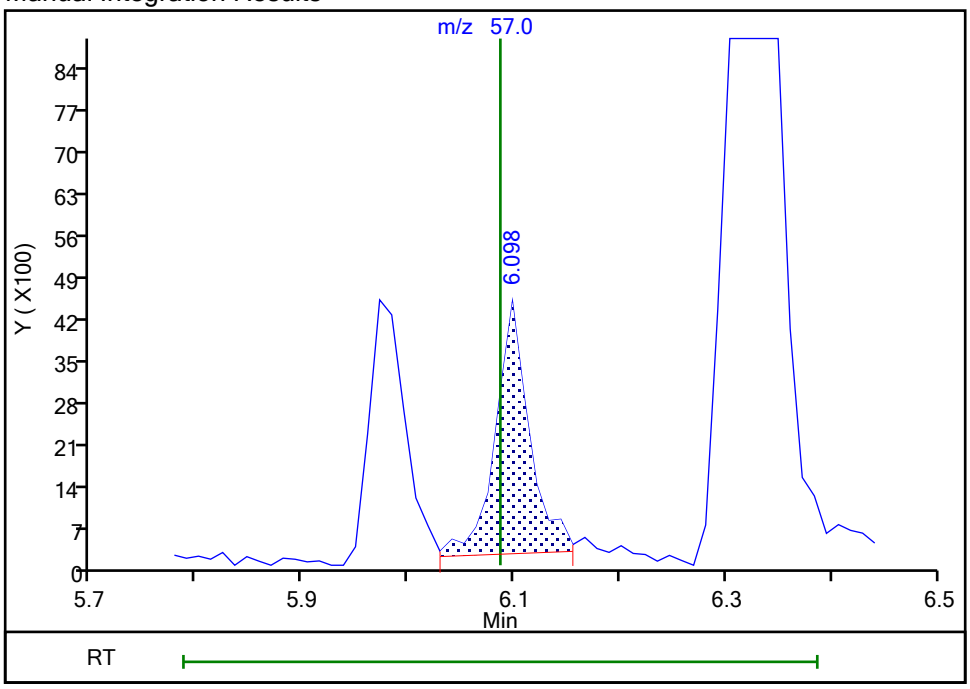
Processing Integration Results

RT: 6.17
Area: 348
Amount: 0.808968
Amount Units: ug/l




Manual Integration Results

RT: 6.10
Area: 9617
Amount: 22.355867
Amount Units: ug/l




Reviewer: baronm, 21-Sep-2021 08:56:59
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: CCVIS 460-804255/4 Calibration Date: 09/30/2021 08:57

Instrument ID: CVOAMS7 Calib Start Date: 09/20/2021 12:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/20/2021 17:09

Lab File ID: V08321.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 | 0.0458 | 0.0528 | | 23.1 | 20.0 | 15.3 | 20.0 |
| Chlorotrifluoroethene | QuaF | | 0.1953 | | 16.9 | 20.0 | -15.7 | 20.0 |
| 1,1-Difluoroethane | Ave | 0.2303 | 0.1968 | | 17.1 | 20.0 | -14.5 | 20.0 |
| Dichlorodifluoromethane | Ave | 0.5289 | 0.5277 | 0.1000 | 20.0 | 20.0 | -0.2 | 20.0 |
| Chlorodifluoromethane | Ave | 0.0972 | 0.0836 | | 17.2 | 20.0 | -14.0 | 20.0 |
| Chloromethane | Ave | 0.5200 | 0.4255 | 0.1000 | 16.4 | 20.0 | -18.2 | 20.0 |
| Vinyl chloride | Ave | 0.6150 | 0.5268 | 0.1000 | 17.1 | 20.0 | -14.3 | 20.0 |
| Butadiene | Ave | 0.5898 | 0.4734 | | 16.1 | 20.0 | -19.7 | 20.0 |
| Bromomethane | Ave | 0.4083 | 0.4178 | 0.1000 | 20.5 | 20.0 | 2.3 | 50.0 |
| Chloroethane | Ave | 0.3960 | 0.3593 | 0.1000 | 18.1 | 20.0 | -9.3 | 50.0 |
| Dichlorofluoromethane | Ave | 0.8195 | 0.7327 | | 17.9 | 20.0 | -10.6 | 20.0 |
| Trichlorofluoromethane | Ave | 0.7551 | 0.6926 | 0.1000 | 18.3 | 20.0 | -8.3 | 20.0 |
| Pentane | Ave | 0.0901 | 0.0797 | | 35.4 | 40.0 | -11.5 | 20.0 |
| Ethanol | Ave | 0.5691 | 0.5135 | | 722 | 800 | -9.8 | 50.0 |
| Ethyl ether | Ave | 0.2798 | 0.2578 | | 18.4 | 20.0 | -7.9 | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.4398 | 0.3836 | | 17.4 | 20.0 | -12.8 | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.4193 | 0.3768 | | 18.0 | 20.0 | -10.1 | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.6593 | 0.6288 | | 19.1 | 20.0 | -4.6 | 20.0 |
| 1,1,2-Trichloro-1,2,2-triflu oroethane | Ave | 0.4526 | 0.4258 | 0.1000 | 18.8 | 20.0 | -5.9 | 20.0 |
| Acrolein | Ave | 11.77 | 20.70 | | 71.3 | 40.6 | 75.9* | 50.0 |
| 1,1-Dichloroethene | Ave | 0.4352 | 0.4145 | 0.1000 | 19.0 | 20.0 | -4.8 | 20.0 |
| Acetone | Ave | 1.621 | 1.467 | 0.0500 | 90.5 | 100 | -9.5 | 50.0 |
| Iodomethane | QuaF | | 0.4662 | | 14.3 | 20.0 | -28.3* | 20.0 |
| Isopropyl alcohol | Ave | 6.759 | 6.910 | | 204 | 200 | 2.2 | 50.0 |
| Carbon disulfide | Qua2 | | 1.239 | 0.1000 | 19.7 | 20.0 | -1.5 | 50.0 |
| 3-Chloro-1-propene | Ave | 0.2905 | 0.2682 | | 18.5 | 20.0 | -7.7 | 20.0 |
| Methyl acetate | Ave | 0.3793 | 0.3429 | 0.1000 | 36.2 | 40.0 | -9.6 | 20.0 |
| Cyclopentene | Ave | 1.156 | 1.081 | | 18.7 | 20.0 | -6.5 | 20.0 |
| Acetonitrile | Ave | 0.4595 | 0.4968 | | 216 | 200 | 8.1 | 20.0 |
| Methylene Chloride | Ave | 0.5128 | 0.4403 | 0.1000 | 17.2 | 20.0 | -14.1 | 20.0 |
| 2-Methyl-2-propanol | Qua | | 13.34 | | 193 | 200 | -3.4 | 50.0 |
| Methyl tert-butyl ether | Ave | 1.391 | 1.296 | 0.1000 | 18.6 | 20.0 | -6.8 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.5150 | 0.4664 | 0.1000 | 18.1 | 20.0 | -9.4 | 20.0 |
| Acrylonitrile | Ave | 0.1966 | 0.1805 | | 184 | 200 | -8.2 | 20.0 |
| Hexane | Ave | 0.6491 | 0.5447 | | 16.8 | 20.0 | -16.1 | 20.0 |
| Isopropyl ether | Ave | 1.289 | 1.198 | | 18.6 | 20.0 | -7.0 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.8650 | 0.7590 | 0.2000 | 17.5 | 20.0 | -12.3 | 20.0 |
| Vinyl acetate | Ave | 0.9707 | 1.197 | | 49.3 | 40.0 | 23.3* | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.4651 | 0.4144 | | 17.8 | 20.0 | -10.9 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Lab Sample ID: CCVIS 460-804255/4  Calibration Date: 09/30/2021 08:57

Instrument ID: CVOAMS7  Calib Start Date: 09/20/2021 12:12

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 09/20/2021 17:09

Lab File ID: V08321.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Tert-butyl ethyl ether | Ave | 1.364 | 1.254 | | 18.4 | 20.0 | -8.0 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.1925 | 0.1674 | | 17.4 | 20.0 | -13.0 | 20.0 |
| 2-Butanone | Ave | 0.7152 | 0.6865 | 0.0500 | 96.0 | 100 | -4.0 | 50.0 |
| cis-1,2-Dichloroethene | Ave | 0.5637 | 0.5087 | 0.1000 | 18.0 | 20.0 | -9.8 | 20.0 |
| Ethyl acetate | QuaF | | 0.5998 | | 36.3 | 40.0 | -9.2 | 20.0 |
| Methyl acrylate | Ave | 0.4207 | 0.3660 | | 17.4 | 20.0 | -13.0 | 20.0 |
| Propionitrile | Ave | 0.0761 | 0.0694 | | 182 | 200 | -8.9 | 20.0 |
| Chlorobromomethane | Ave | 0.2712 | 0.2386 | | 17.6 | 20.0 | -12.0 | 20.0 |
| Tetrahydrofuran | Ave | 0.0886 | 0.0715 | | 32.3 | 40.0 | -19.2 | 20.0 |
| Methacrylonitrile | Ave | 0.2413 | 0.2215 | | 184 | 200 | -8.2 | 20.0 |
| Chloroform | Ave | 0.8808 | 0.7860 | 0.2000 | 17.8 | 20.0 | -10.8 | 20.0 |
| Cyclohexane | Ave | 0.8046 | 0.7232 | 0.1000 | 18.0 | 20.0 | -10.1 | 50.0 |
| 1,1,1-Trichloroethane | Ave | 0.8052 | 0.7382 | 0.1000 | 18.3 | 20.0 | -8.3 | 20.0 |
| Carbon tetrachloride | Ave | 0.6708 | 0.5938 | 0.1000 | 17.7 | 20.0 | -11.5 | 20.0 |
| 1,1-Dichloropropene | Ave | 0.6959 | 0.6347 | | 18.2 | 20.0 | -8.8 | 20.0 |
| Isobutyl alcohol | Ave | 7.275 | 7.350 | | 505 | 500 | 1.0 | 50.0 |
| Isooctane | Ave | 1.277 | 1.045 | | 16.4 | 20.0 | -18.1 | 20.0 |
| Benzene | Ave | 2.629 | 2.553 | 0.5000 | 19.4 | 20.0 | -2.9 | 20.0 |
| Isopropyl acetate | Qua | | 0.1923 | | 17.6 | 20.0 | -12.2 | 20.0 |
| Tert-amyl methyl ether | Ave | 1.458 | 1.357 | | 18.6 | 20.0 | -6.9 | 20.0 |
| 1,2-Dichloroethane | Ave | 0.6501 | 0.5625 | 0.1000 | 17.3 | 20.0 | -13.5 | 20.0 |
| n-Heptane | Ave | 0.1450 | 0.1200 | | 16.6 | 20.0 | -17.2 | 20.0 |
| n-Butanol | Qua2 | | 2.436 | | 490 | 500 | -2.0 | 50.0 |
| Trichloroethene | Ave | 0.5359 | 0.4748 | 0.2000 | 17.7 | 20.0 | -11.4 | 20.0 |
| Ethyl acrylate | Ave | 0.0848 | 0.0760 | | 17.9 | 20.0 | -10.4 | 20.0 |
| Methylcyclohexane | Ave | 0.8699 | 0.7362 | 0.1000 | 16.9 | 20.0 | -15.4 | 50.0 |
| 1,2-Dichloropropane | Ave | 0.4619 | 0.4074 | 0.1000 | 17.6 | 20.0 | -11.8 | 20.0 |
| Methyl methacrylate | Ave | 0.1493 | 0.1400 | | 37.5 | 40.0 | -6.2 | 20.0 |
| 1,4-Dioxane | Ave | 2.835 | 2.233 | | 315 | 400 | -21.2 | 50.0 |
| n-Propyl acetate | Ave | 0.6682 | 0.5971 | | 17.9 | 20.0 | -10.6 | 20.0 |
| Dibromomethane | Ave | 0.3070 | 0.2800 | | 18.2 | 20.0 | -8.8 | 20.0 |
| Bromodichloromethane | Ave | 0.6307 | 0.5873 | 0.2000 | 18.6 | 20.0 | -6.9 | 20.0 |
| 2-Nitropropane | Ave | 0.1886 | 0.1421 | | 30.1 | 40.0 | -24.7* | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.2976 | 0.2574 | | 17.3 | 20.0 | -13.5 | 20.0 |
| Epichlorohydrin | Ave | 0.5313 | 0.5453 | | 411 | 400 | 2.6 | 20.0 |
| cis-1,3-Dichloropropene | Ave | 1.068 | 0.9753 | 0.2000 | 18.3 | 20.0 | -8.7 | 50.0 |
| 4-Methyl-2-pentanone | Ave | 4.331 | 4.243 | 0.0500 | 98.0 | 100 | -2.0 | 50.0 |
| Toluene | Ave | 2.880 | 2.788 | 0.4000 | 19.4 | 20.0 | -3.2 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.9897 | 0.9353 | 0.1000 | 18.9 | 20.0 | -5.5 | 50.0 |
| Ethyl methacrylate | Ave | 0.8007 | 0.7524 | | 18.8 | 20.0 | -6.0 | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.5139 | 0.4701 | 0.1000 | 18.3 | 20.0 | -8.5 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Lab Sample ID: CCVIS 460-804255/4 Calibration Date: 09/30/2021 08:57

Instrument ID: CVOAMS7 Calib Start Date: 09/20/2021 12:12

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/20/2021 17:09

Lab File ID: V08321.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 | 0.7477 | 0.6042 | 0.2000 | 16.2 | 20.0 | -19.2 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.9677 | 0.9235 | | 19.1 | 20.0 | -4.6 | 20.0 |
| 2-Hexanone | Ave | 2.860 | 2.854 | 0.0500 | 99.8 | 100 | -0.2 | 50.0 |
| n-Butyl acetate | Ave | 0.8876 | 0.8123 | | 18.3 | 20.0 | -8.5 | 20.0 |
| Dibromochloromethane | Ave | 0.6154 | 0.6003 | 0.1000 | 19.5 | 20.0 | -2.5 | 50.0 |
| Ethylene Dibromide | Ave | 0.6359 | 0.6084 | 0.1000 | 19.1 | 20.0 | -4.3 | 20.0 |
| Chlorobenzene | Ave | 1.809 | 1.732 | 0.5000 | 19.1 | 20.0 | -4.3 | 20.0 |
| Ethylbenzene | Ave | 0.9653 | 0.9433 | 0.1000 | 19.5 | 20.0 | -2.3 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.6640 | 0.6010 | | 18.1 | 20.0 | -9.5 | 20.0 |
| m-Xylene & p-Xylene | Ave | 1.196 | 1.137 | 0.1000 | 19.0 | 20.0 | -4.9 | 20.0 |
| n-Butyl acrylate | Ave | 0.5289 | 0.4326 | | 16.4 | 20.0 | -18.2 | 20.0 |
| o-Xylene | Ave | 1.156 | 1.144 | 0.3000 | 19.8 | 20.0 | -1.0 | 20.0 |
| Styrene | Ave | 1.896 | 1.885 | 0.3000 | 19.9 | 20.0 | -0.6 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 2.005 | 1.923 | | 19.2 | 20.0 | -4.1 | 20.0 |
| Bromoform | Ave | 0.4541 | 0.3943 | 0.1000 | 17.4 | 20.0 | -13.2 | 20.0 |
| Isopropylbenzene | Ave | 2.880 | 2.972 | 0.1000 | 20.6 | 20.0 | 3.2 | 20.0 |
| Bromobenzene | Ave | 1.546 | 1.422 | | 18.4 | 20.0 | -8.0 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.606 | 1.605 | 0.3000 | 20.0 | 20.0 | -0.0 | 20.0 |
| N-Propylbenzene | Ave | 6.831 | 7.258 | | 21.3 | 20.0 | 6.3 | 20.0 |
| 1,2,3-Trichloropropane | Qua2 | | 0.4938 | | 20.8 | 20.0 | 3.8 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.4754 | 0.4290 | | 18.0 | 20.0 | -9.8 | 20.0 |
| 2-Chlorotoluene | Ave | 4.679 | 4.692 | | 20.1 | 20.0 | 0.3 | 20.0 |
| 4-Ethyltoluene | Ave | 5.745 | 5.903 | | 20.5 | 20.0 | 2.7 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 4.834 | 4.909 | | 20.3 | 20.0 | 1.5 | 20.0 |
| 4-Chlorotoluene | Ave | 4.285 | 4.334 | | 20.2 | 20.0 | 1.2 | 20.0 |
| Butyl Methacrylate | Ave | 1.552 | 1.413 | | 18.2 | 20.0 | -9.0 | 20.0 |
| tert-Butylbenzene | Ave | 4.128 | 4.123 | | 20.0 | 20.0 | -0.1 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 4.873 | 5.004 | | 20.5 | 20.0 | 2.7 | 20.0 |
| sec-Butylbenzene | Ave | 5.774 | 6.015 | | 20.8 | 20.0 | 4.2 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 2.937 | 2.754 | 0.6000 | 18.8 | 20.0 | -6.2 | 20.0 |
| 4-Isopropyltoluene | Ave | 5.244 | 5.072 | | 19.3 | 20.0 | -3.3 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 2.957 | 2.714 | 0.5000 | 18.4 | 20.0 | -8.2 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 5.060 | 5.147 | | 20.3 | 20.0 | 1.7 | 20.0 |
| Benzyl chloride | Ave | 3.071 | 3.221 | | 21.0 | 20.0 | 4.9 | 50.0 |
| Indan | Ave | 4.893 | 5.192 | | 21.2 | 20.0 | 6.1 | 20.0 |
| p-Diethylbenzene | Ave | 2.643 | 2.496 | | 18.9 | 20.0 | -5.6 | 20.0 |
| n-Butylbenzene | Ave | 2.474 | 2.444 | | 19.8 | 20.0 | -1.2 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 2.764 | 2.614 | 0.4000 | 18.9 | 20.0 | -5.4 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 4.234 | 3.952 | | 18.7 | 20.0 | -6.7 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.4322 | 0.3469 | 0.0500 | 16.1 | 20.0 | -19.7 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 1.944 | 1.623 | | 16.7 | 20.0 | -16.5 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Lab Sample ID: CCVIS 460-804255/4  Calibration Date: 09/30/2021 08:57

Instrument ID: CVOAMS7  Calib Start Date: 09/20/2021 12:12

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 09/20/2021 17:09

Lab File ID: V08321.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,2,4-Trichlorobenzene | Ave | 1.811 | 1.465 | 0.2000 | 16.2 | 20.0 | -19.1 | 20.0 |
| Hexachlorobutadiene | Ave | 0.6884 | 0.5179 | | 15.0 | 20.0 | -24.8* | 20.0 |
| Naphthalene | Ave | 4.710 | 4.206 | | 17.9 | 20.0 | -10.7 | 50.0 |
| 1,2,3-Trichlorobenzene | Ave | 1.715 | 1.385 | | 16.2 | 20.0 | -19.2 | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2845 | 0.2712 | | 47.7 | 50.0 | -4.7 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2992 | 0.2747 | | 45.9 | 50.0 | -8.2 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.645 | 1.682 | | 51.1 | 50.0 | 2.3 | 20.0 |
| Bromofluorobenzene | Ave | 0.4717 | 0.4482 | | 47.5 | 50.0 | -5.0 | 20.0 |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08321.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Sep-2021 08:57:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0135296-004
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 11:58:46 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1658

First Level Reviewer: tupayachia Date: 30-Sep-2021 09:23:18

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 93 | 15984 | 20.0 | 23.1 | |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 92 | 59117 | 20.0 | 16.9 | |
| 4 1,1-Difluoroethane | 65 | 1.286 | 1.286 | 0.000 | 52 | 59565 | 20.0 | 17.1 | |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 99 | 159724 | 20.0 | 20.0 | M |
| 2 Chlorodifluoromethane | 67 | 1.320 | 1.309 | 0.011 | 100 | 25303 | 20.0 | 17.2 | |
| 6 Chloromethane | 50 | 1.435 | 1.435 | 0.000 | 99 | 128792 | 20.0 | 16.4 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 98 | 159463 | 20.0 | 17.1 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 95 | 143293 | 20.0 | 16.1 | |
| 9 Bromomethane | 94 | 1.720 | 1.720 | 0.000 | 98 | 126452 | 20.0 | 20.5 | |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 99 | 108770 | 20.0 | 18.1 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 98 | 221782 | 20.0 | 17.9 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 97 | 209633 | 20.0 | 18.3 | |
| 13 Pentane | 72 | 1.960 | 1.960 | 0.000 | 94 | 48258 | 40.0 | 35.4 | |
| 17 Ethanol | 46 | 2.075 | 2.075 | 0.000 | 98 | 21860 | 800.0 | 721.9 | |
| 14 Ethyl ether | 74 | 2.109 | 2.109 | 0.000 | 92 | 78031 | 20.0 | 18.4 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 97 | 116113 | 20.0 | 17.4 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 94 | 114055 | 20.0 | 18.0 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 98 | 190322 | 20.0 | 19.1 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 95 | 128890 | 20.0 | 18.8 | |
| 52 Acrolein | 56 | 2.258 | 2.258 | 0.000 | 96 | 44682 | 40.6 | 71.3 | |
| 20 1,1-Dichloroethene | 96 | 2.292 | 2.292 | 0.000 | 97 | 125466 | 20.0 | 19.0 | |
| 23 Acetone | 43 | 2.349 | 2.349 | 0.000 | 87 | 206787 | 100.0 | 90.5 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 58 | 73543 | 200.0 | 204.5 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 98 | 141106 | 20.0 | 14.3 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 99 | 374980 | 20.0 | 19.7 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 89 | 81177 | 20.0 | 18.5 | |
| 27 Acetonitrile | 41 | 2.600 | 2.600 | 0.000 | 98 | 140030 | 200.0 | 216.3 | a |
| 30 Methyl acetate | 43 | 2.543 | 2.543 | 0.000 | 97 | 207591 | 40.0 | 36.2 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 96 | 327309 | 20.0 | 18.7 | |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 53212 | 1000.0 | 1000.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 86 | 133264 | 20.0 | 17.2 | |
| 31 2-Methyl-2-propanol | 59 | 2.680 | 2.680 | 0.000 | 99 | 141964 | 200.0 | 193.1 | |
| 32 Methyl tert-butyl ether | 73 | 2.772 | 2.772 | 0.000 | 96 | 392214 | 20.0 | 18.6 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 91 | 141176 | 20.0 | 18.1 | |
| 35 Acrylonitrile | 53 | 2.863 | 2.863 | 0.000 | 92 | 546483 | 200.0 | 183.6 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 91 | 164878 | 20.0 | 16.8 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 92 | 362646 | 20.0 | 18.6 | |
| 38 1,1-Dichloroethane | 63 | 3.160 | 3.160 | 0.000 | 65 | 229742 | 20.0 | 17.5 | |
| 40 Vinyl acetate | 86 | 3.160 | 3.160 | 0.000 | 99 | 67462 | 40.0 | 49.3 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.195 | 3.195 | 0.000 | 92 | 125431 | 20.0 | 17.8 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | 0.000 | 91 | 379610 | 20.0 | 18.4 | |
| * 42 2-Butanone-d5 | 46 | 3.583 | 3.583 | 0.000 | 99 | 352295 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 97 | 50676 | 20.0 | 17.4 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.641 | 3.641 | 0.000 | 96 | 153993 | 20.0 | 18.0 | |
| 47 Ethyl acetate | 70 | 3.641 | 3.641 | 0.000 | 93 | 33807 | 40.0 | 36.3 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 97 | 96742 | 100.0 | 96.0 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 99 | 110773 | 20.0 | 17.4 | |
| 48 Propionitrile | 54 | 3.766 | 3.766 | 0.000 | 98 | 209975 | 200.0 | 182.2 | |
| 50 Tetrahydrofuran | 72 | 3.846 | 3.846 | 0.000 | 85 | 43289 | 40.0 | 32.3 | |
| 49 Chlorobromomethane | 128 | 3.846 | 3.846 | 0.000 | 79 | 72230 | 20.0 | 17.6 | |
| 54 Methacrylonitrile | 67 | 3.858 | 3.858 | 0.000 | 90 | 670498 | 200.0 | 183.6 | |
| 51 Chloroform | 83 | 3.892 | 3.892 | 0.000 | 99 | 237918 | 20.0 | 17.8 | |
| 53 Cyclohexane | 84 | 4.018 | 4.018 | 0.000 | 87 | 218913 | 20.0 | 18.0 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 98 | 223454 | 20.0 | 18.3 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 96 | 205216 | 50.0 | 47.7 | |
| 57 Carbon tetrachloride | 117 | 4.143 | 4.143 | 0.000 | 97 | 179736 | 20.0 | 17.7 | |
| 58 1,1-Dichloropropene | 75 | 4.178 | 4.178 | 0.000 | 97 | 192114 | 20.0 | 18.2 | |
| 61 Isobutyl alcohol | 43 | 4.292 | 4.292 | 0.000 | 96 | 195566 | 500.0 | 505.2 | |
| 64 Isooctane | 57 | 4.338 | 4.338 | 0.000 | 99 | 316338 | 20.0 | 16.4 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 97 | 554245 | 20.0 | 19.4 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.383 | 4.383 | 0.000 | 97 | 207900 | 50.0 | 45.9 | |
| 66 Isopropyl acetate | 61 | 4.406 | 4.406 | 0.000 | 95 | 58214 | 20.0 | 17.6 | |
| 62 Tert-amyl methyl ether | 73 | 4.418 | 4.418 | 0.000 | 92 | 410844 | 20.0 | 18.6 | |
| 63 1,2-Dichloroethane | 62 | 4.463 | 4.463 | 0.000 | 98 | 170268 | 20.0 | 17.3 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 88 | 36337 | 20.0 | 16.6 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 756732 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 4.978 | 4.978 | 0.000 | 83 | 64807 | 500.0 | 489.8 | |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 97 | 143719 | 20.0 | 17.7 | |
| 71 Ethyl acrylate | 99 | 5.138 | 5.138 | 0.000 | 95 | 22990 | 20.0 | 17.9 | |
| 72 Methylcyclohexane | 83 | 5.138 | 5.138 | 0.000 | 82 | 222828 | 20.0 | 16.9 | |
| 73 1,2-Dichloropropane | 63 | 5.309 | 5.309 | 0.000 | 88 | 123326 | 20.0 | 17.6 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.378 | 5.378 | 0.000 | 45 | 38305 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.389 | 5.389 | 0.000 | 84 | 84782 | 40.0 | 37.5 | |
| 78 1,4-Dioxane | 88 | 5.435 | 5.435 | 0.000 | 28 | 34212 | 400.0 | 315.0 | Ma |
| 77 n-Propyl acetate | 43 | 5.446 | 5.446 | 0.000 | 97 | 180731 | 20.0 | 17.9 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 67 | 84768 | 20.0 | 18.2 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 99 | 177764 | 20.0 | 18.6 | |
| 34 2-Nitropropane | 41 | 5.961 | 5.961 | 0.000 | 99 | 86011 | 40.0 | 30.1 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.972 | 5.972 | 0.000 | 94 | 78102 | 20.0 | 17.3 | |
| 80 Epichlorohydrin | 57 | 6.086 | 6.086 | 0.000 | 99 | 307363 | 400.0 | 410.5 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 93 | 211701 | 20.0 | 18.3 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.315 | 6.315 | 0.000 | 95 | 597883 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 99 | 912957 | 50.0 | 51.1 | |
| 83 Toluene | 91 | 6.498 | 6.498 | 0.000 | 92 | 605261 | 20.0 | 19.4 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 98 | 203008 | 20.0 | 18.9 | |
| 86 Ethyl methacrylate | 69 | 6.921 | 6.921 | 0.000 | 87 | 163313 | 20.0 | 18.8 | |
| 87 1,1,2-Trichloroethane | 83 | 7.138 | 7.138 | 0.000 | 94 | 102048 | 20.0 | 18.3 | |
| 88 Tetrachloroethene | 166 | 7.172 | 7.172 | 0.000 | 93 | 131159 | 20.0 | 16.2 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 93 | 200449 | 20.0 | 19.1 | |
| 91 2-Hexanone | 43 | 7.435 | 7.435 | 0.000 | 95 | 402183 | 100.0 | 99.8 | |
| 92 n-Butyl acetate | 43 | 7.584 | 7.584 | 0.000 | 97 | 176325 | 20.0 | 18.3 | |
| 90 Chlorodibromomethane | 129 | 7.629 | 7.629 | 0.000 | 97 | 130303 | 20.0 | 19.5 | |
| 93 Ethylene Dibromide | 107 | 7.790 | 7.790 | 0.000 | 98 | 132052 | 20.0 | 19.1 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 86 | 542655 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 375921 | 20.0 | 19.1 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 204764 | 20.0 | 19.5 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 95 | 130460 | 20.0 | 18.1 | |
| 98 m-Xylene & p-Xylene | 106 | 8.578 | 8.578 | 0.000 | 96 | 246717 | 20.0 | 19.0 | |
| 99 n-Butyl acrylate | 73 | 9.001 | 9.001 | 0.000 | 61 | 93892 | 20.0 | 16.4 | |
| 100 o-Xylene | 106 | 9.012 | 9.012 | 0.000 | 95 | 248352 | 20.0 | 19.8 | |
| 101 Styrene | 104 | 9.035 | 9.035 | 0.000 | 97 | 409116 | 20.0 | 19.9 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 92 | 202052 | 20.0 | 19.2 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | 0.000 | 94 | 85587 | 20.0 | 17.4 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 95 | 645108 | 20.0 | 20.6 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 243199 | 50.0 | 47.5 | |
| 107 Bromobenzene | 156 | 9.687 | 9.687 | 0.000 | 95 | 149438 | 20.0 | 18.4 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 98 | 168636 | 20.0 | 20.0 | |
| 109 N-Propylbenzene | 91 | 9.755 | 9.755 | 0.000 | 99 | 762735 | 20.0 | 21.3 | |
| 115 1,2,3-Trichloropropane | 110 | 9.778 | 9.778 | 0.000 | 95 | 51893 | 20.0 | 20.8 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 93 | 45088 | 20.0 | 18.0 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 96 | 493136 | 20.0 | 20.1 | |
| 113 4-Ethyltoluene | 105 | 9.858 | 9.858 | 0.000 | 98 | 620386 | 20.0 | 20.5 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 92 | 515915 | 20.0 | 20.3 | |
| 110 4-Chlorotoluene | 91 | 9.961 | 9.961 | 0.000 | 98 | 455489 | 20.0 | 20.2 | |
| 117 Butyl Methacrylate | 87 | 10.018 | 10.018 | 0.000 | 89 | 148457 | 20.0 | 18.2 | |
| 118 tert-Butylbenzene | 119 | 10.190 | 10.190 | 0.000 | 95 | 433353 | 20.0 | 20.0 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 97 | 525862 | 20.0 | 20.5 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 99 | 632131 | 20.0 | 20.8 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 98 | 532995 | 20.0 | 19.3 | |
| 122 1,3-Dichlorobenzene | 146 | 10.510 | 10.510 | 0.000 | 71 | 289390 | 20.0 | 18.8 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 92 | 262736 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.590 | 10.590 | 0.000 | 94 | 285272 | 20.0 | 18.4 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 99 | 540940 | 20.0 | 20.3 | |
| 125 Benzyl chloride | 91 | 10.716 | 10.716 | 0.000 | 99 | 338459 | 20.0 | 21.0 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 94 | 545630 | 20.0 | 21.2 | |
| 126 p-Diethylbenzene | 119 | 10.818 | 10.818 | 0.000 | 93 | 262301 | 20.0 | 18.9 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 98 | 256871 | 20.0 | 19.8 | |
| 128 1,2-Dichlorobenzene | 146 | 10.898 | 10.898 | 0.000 | 96 | 274692 | 20.0 | 18.9 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 97 | 415298 | 20.0 | 18.7 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 95 | 36460 | 20.0 | 16.1 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 97 | 170584 | 20.0 | 16.7 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | 0.000 | 93 | 153974 | 20.0 | 16.2 | M |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 94 | 54424 | 20.0 | 15.0 | |
| 134 Naphthalene | 128 | 12.281 | 12.281 | 0.000 | 99 | 441984 | 20.0 | 17.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 96 | 145599 | 20.0 | 16.2 | M |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 36.2 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 38.8 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 40.0 | 37.2 | |
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 97.1 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00441 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00131 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 20.00 | Units: uL | |
| 524freon_00042 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00222 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 30-Sep-2021 11:58:47 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08321.D

Injection Date: 30-Sep-2021 08:57:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

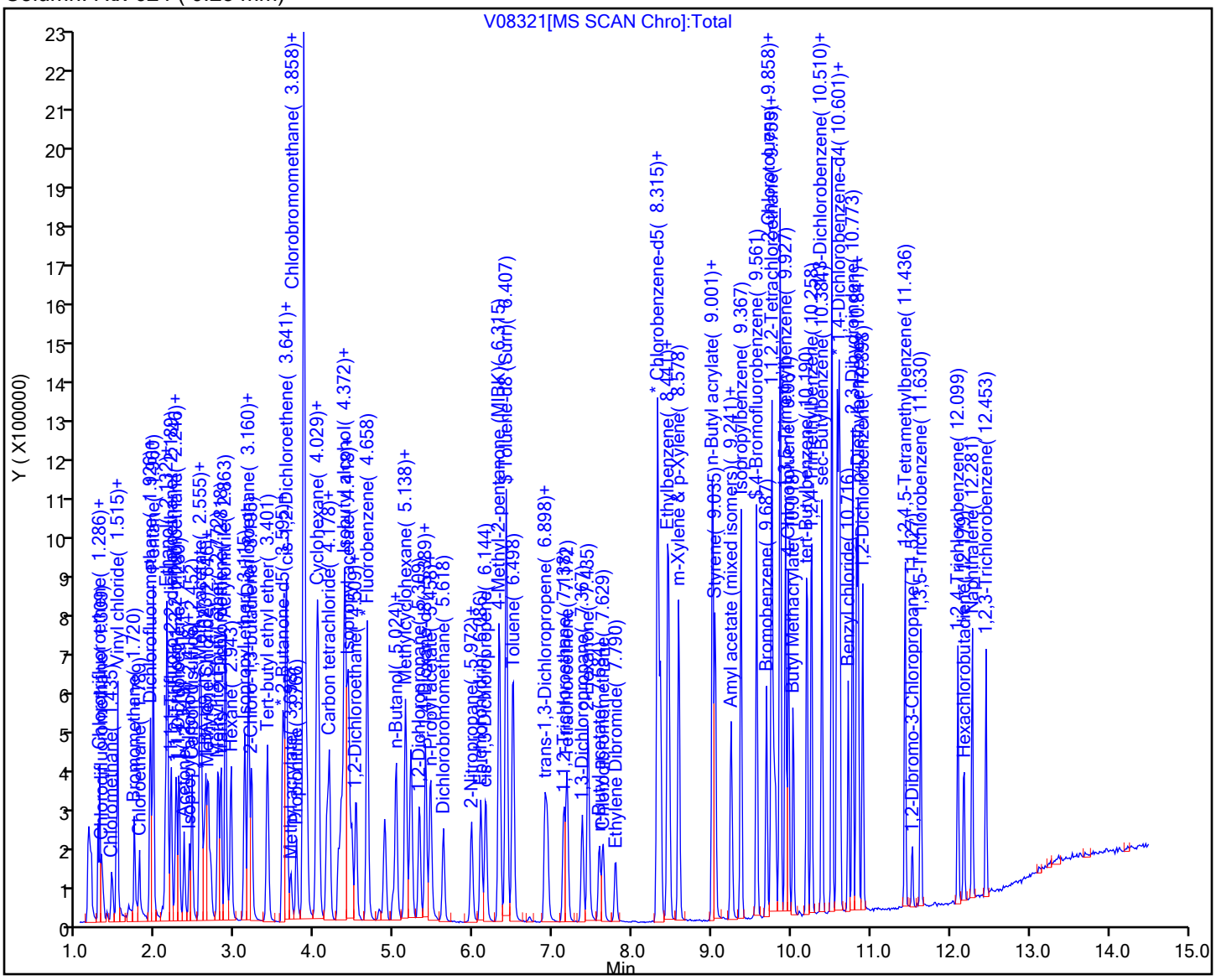
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

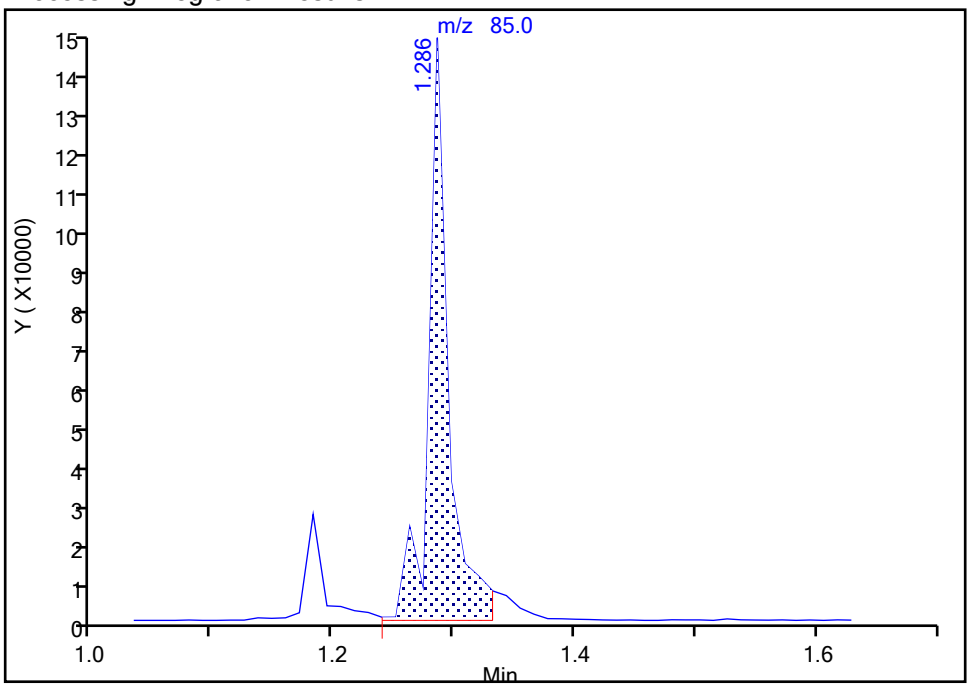
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08321.D
Injection Date: 30-Sep-2021 08:57:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 5 Dichlorodifluoromethane, CAS: 75-71-8

Signal: 1

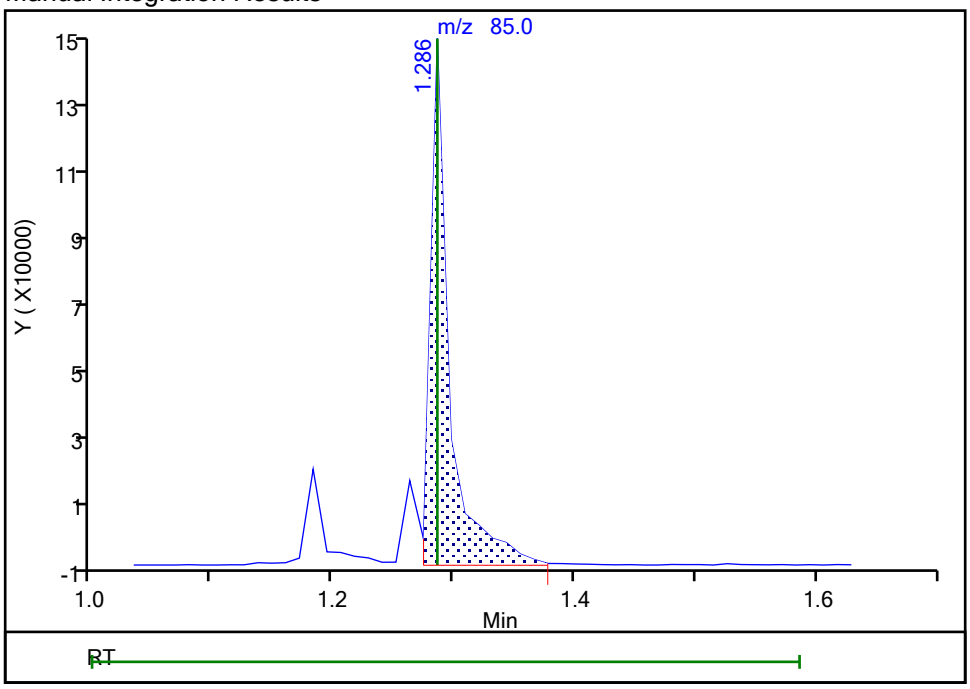
Processing Integration Results

RT: 1.29
Area: 168688
Amount: 21.071924
Amount Units: ug/l




Manual Integration Results

RT: 1.29
Area: 159724
Amount: 19.952172
Amount Units: ug/l




Reviewer: delpolitov, 30-Sep-2021 11:57:58
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison

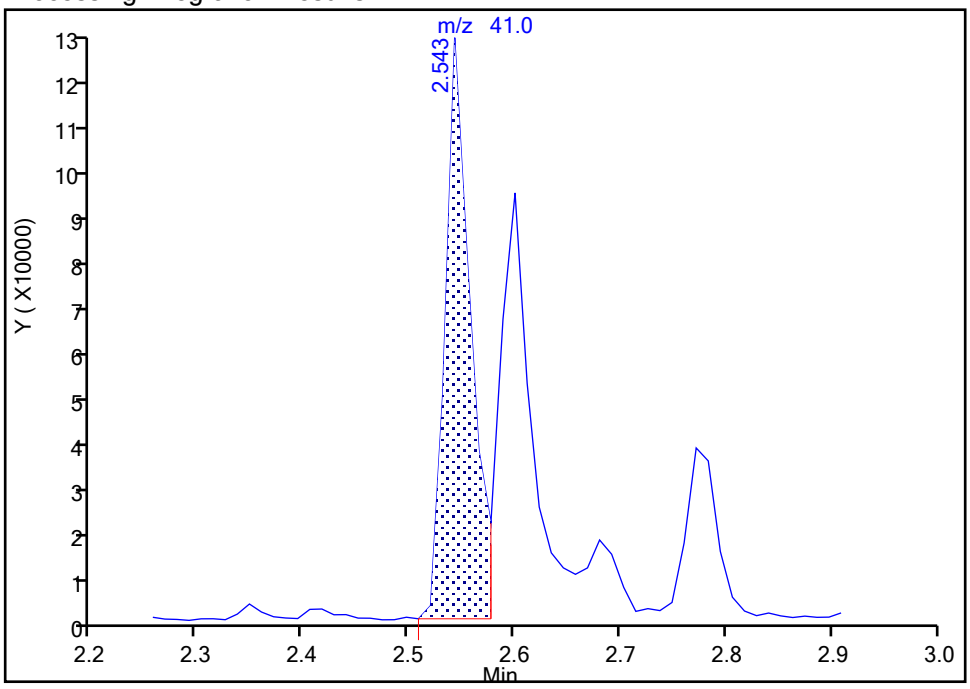
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08321.D
Injection Date: 30-Sep-2021 08:57:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 27 Acetonitrile, CAS: 75-05-8

Signal: 1

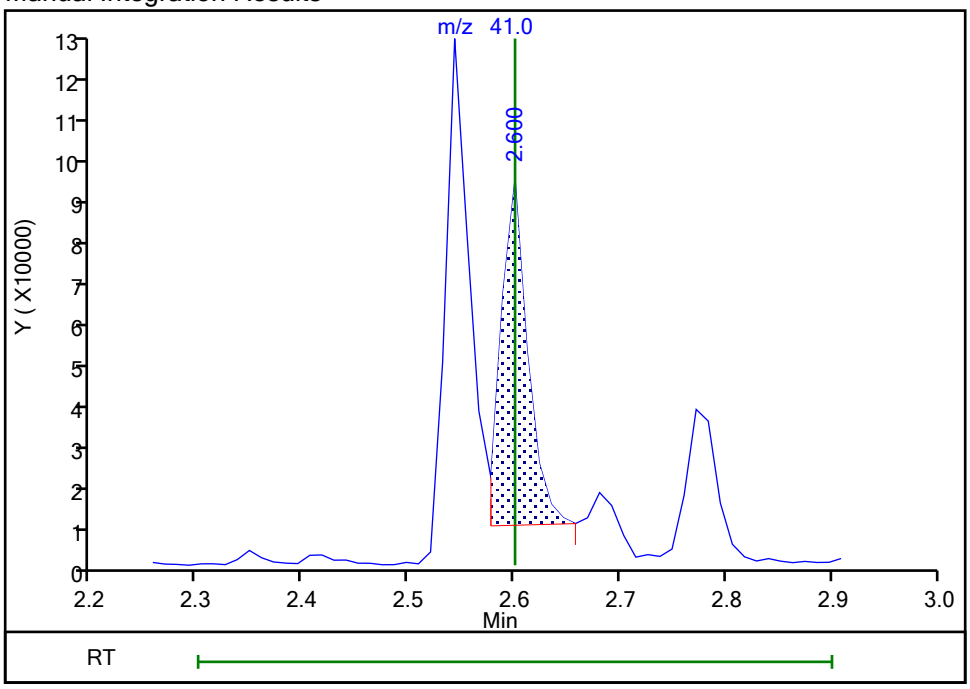
Processing Integration Results

RT: 2.54
Area: 206290
Amount: 318.5852
Amount Units: ug/l




Manual Integration Results

RT: 2.60
Area: 140030
Amount: 216.2562
Amount Units: ug/l




Reviewer: delpolitov, 30-Sep-2021 11:58:08
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

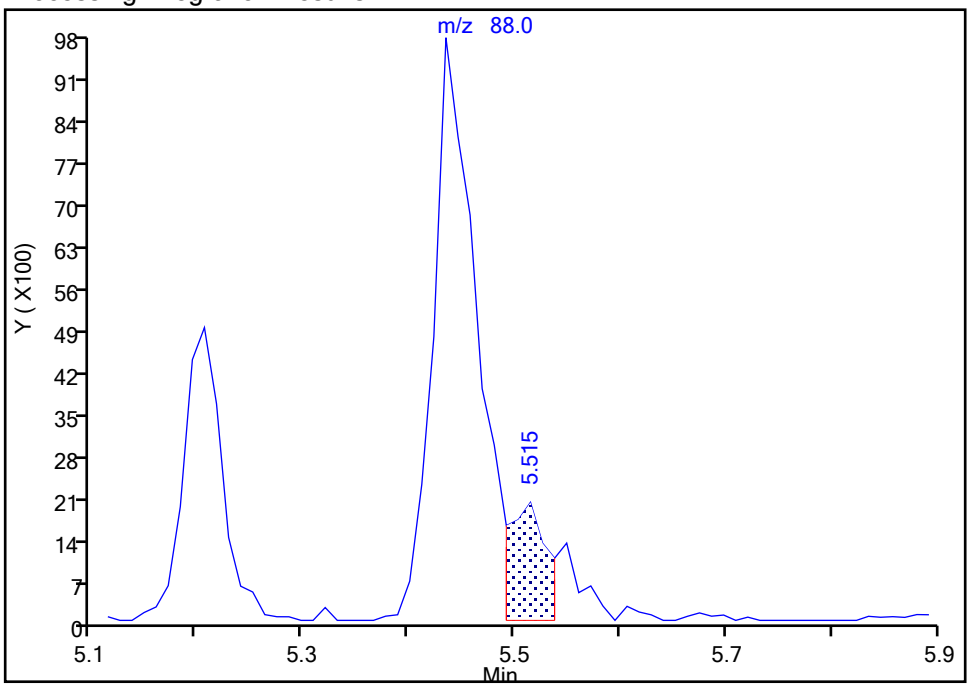
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08321.D
Injection Date: 30-Sep-2021 08:57:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

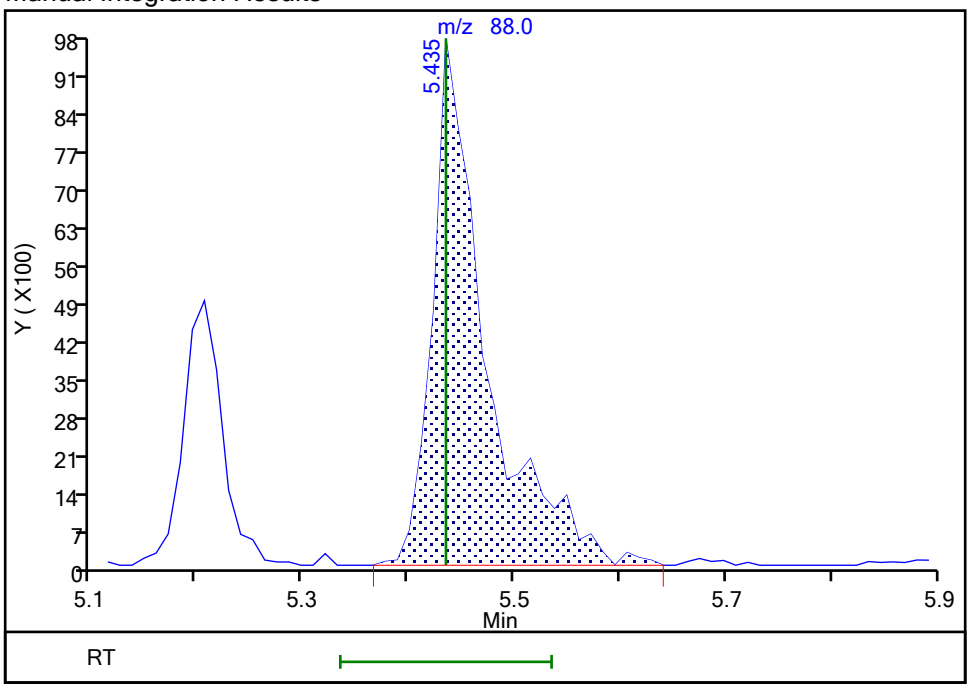
Processing Integration Results

RT: 5.52
Area: 5194
Amount: 47.825808
Amount Units: ug/l




Manual Integration Results

RT: 5.43
Area: 34212
Amount: 315.0205
Amount Units: ug/l




Reviewer: delpolitov, 30-Sep-2021 11:58:29
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

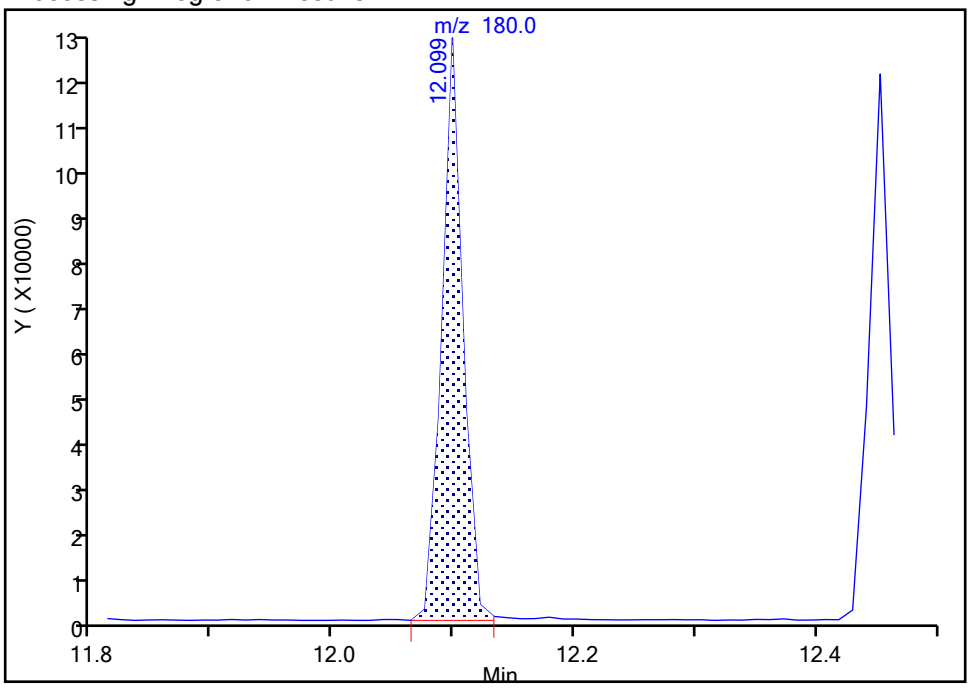
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08321.D
Injection Date: 30-Sep-2021 08:57:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

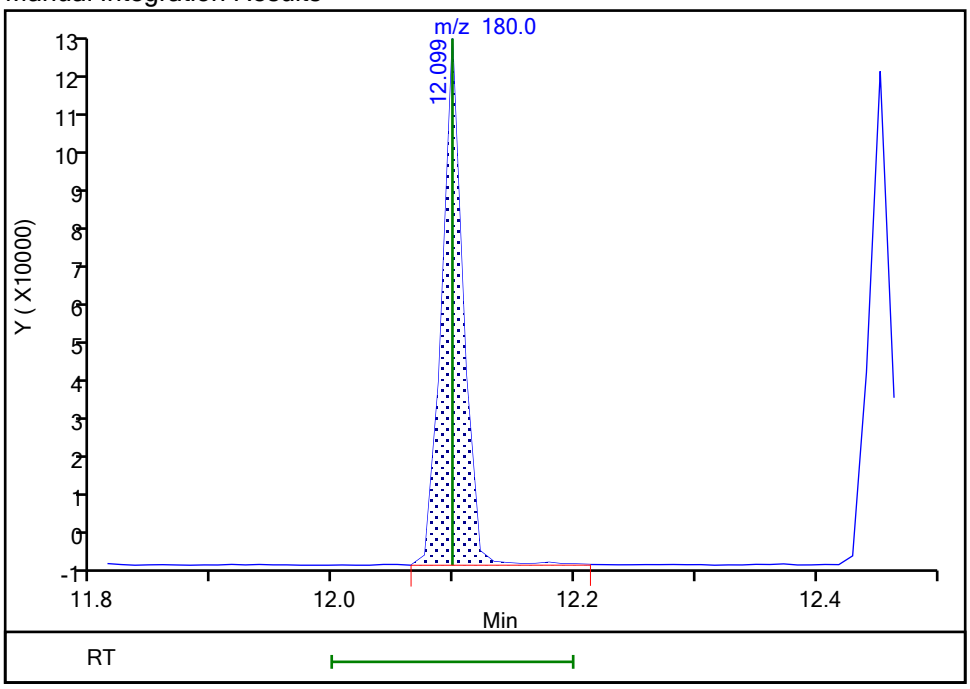
Processing Integration Results

RT: 12.10
Area: 152115
Amount: 15.987572
Amount Units: ug/l




Manual Integration Results

RT: 12.10
Area: 153974
Amount: 16.182956
Amount Units: ug/l




Reviewer: tupayachia, 30-Sep-2021 09:23:02
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

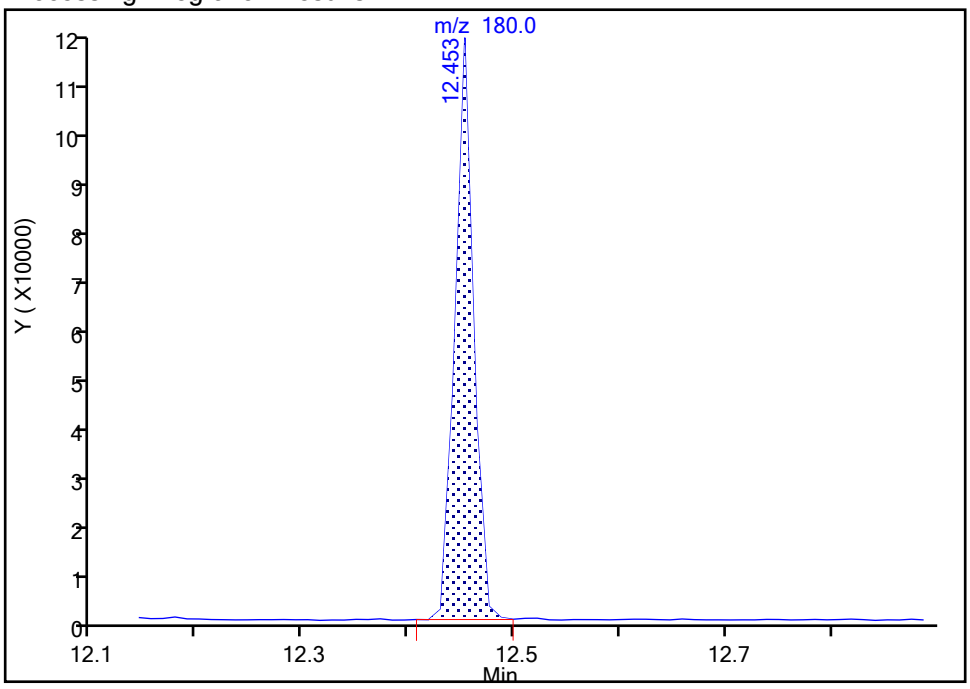
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08321.D
Injection Date: 30-Sep-2021 08:57:30 Instrument ID: CVOAMS7
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

## 135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

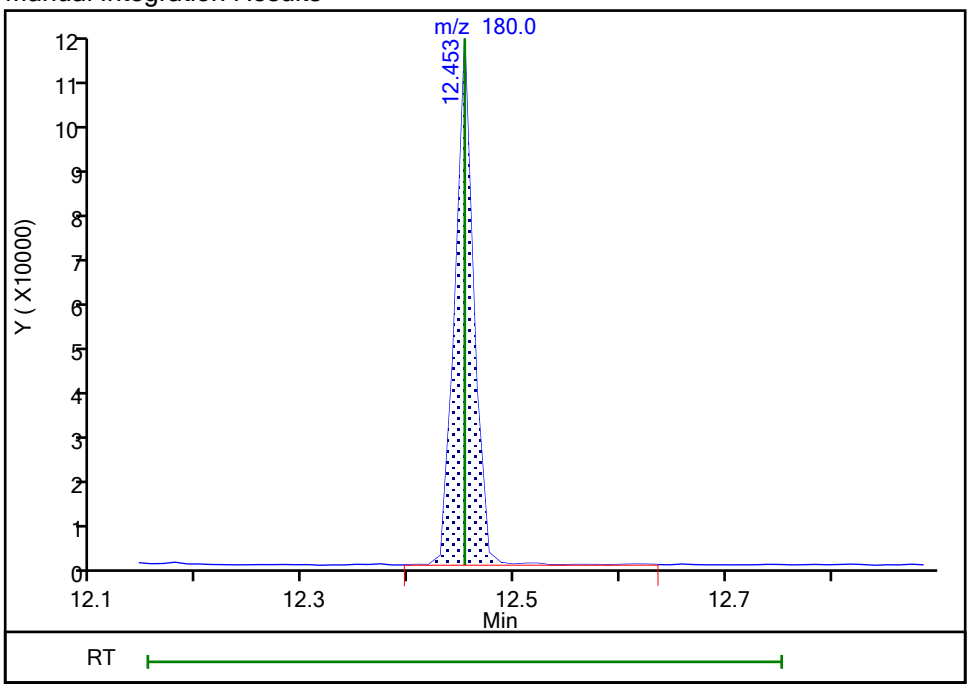
Processing Integration Results

RT: 12.45
Area: 143096
Amount: 15.880211
Amount Units: ug/l




Manual Integration Results

RT: 12.45
Area: 145599
Amount: 16.157984
Amount Units: ug/l




Reviewer: tupayachia, 30-Sep-2021 09:23:14
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93050.D | | | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Sample Type: | BFB | | | | |
| Inject. Date: | 12-Sep-2021 10:15:30 | ALS Bottle#: | 99 | Worklist Smp#: | 1 |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | BFB | | | | |
| Misc. Info.: | 460-0134419-001 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS13 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\8260W_13.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 14-Sep-2021 09:11:05 | Calib Date: | 12-Sep-2021 13:49:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D | | | | |
| Column 1 : | Rtx-624 ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1636 | | | | |
| First Level Reviewer: delpolitov | | Date: | 13-Sep-2021 17:01:51 | | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|

$ 143 BFB

## Reagents:

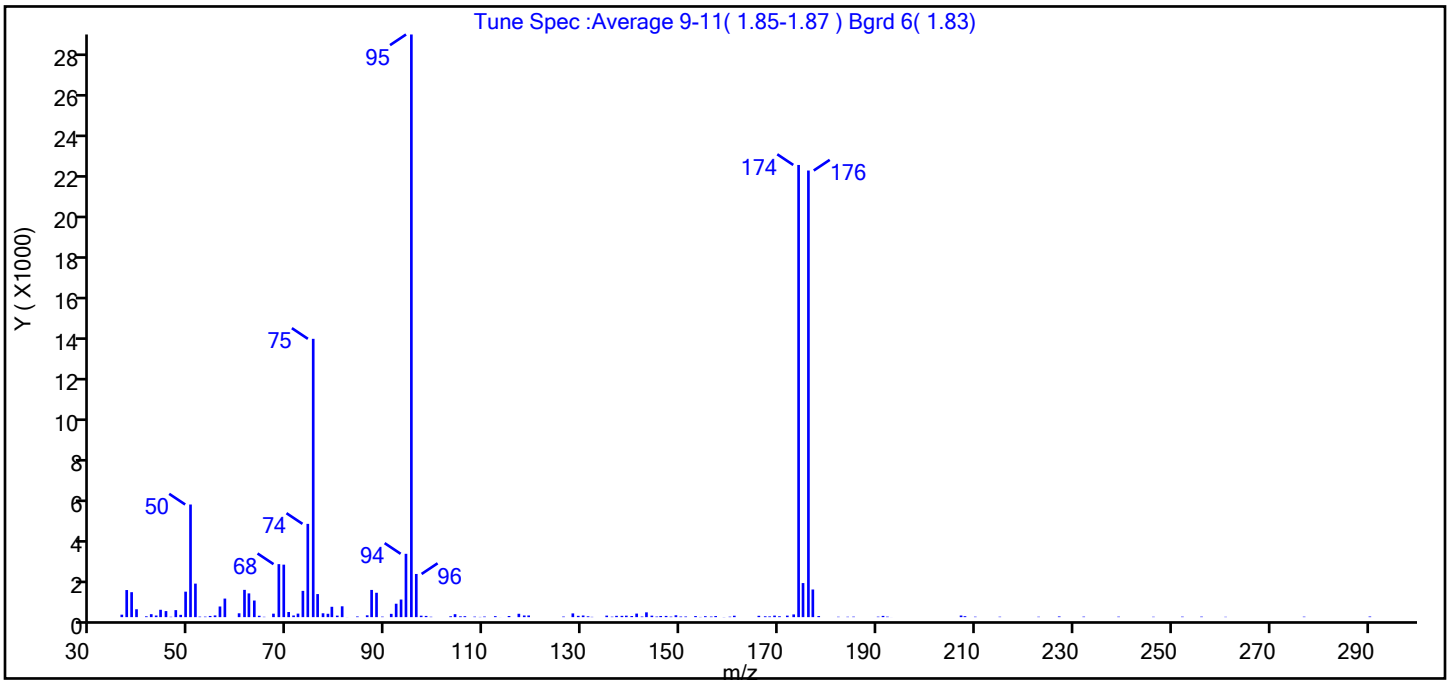
BFB_00030 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93050.D
Injection Date: 12-Sep-2021 10:15:30 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 - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 143 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | 50 to 200% of m/z 174 | 100.0 (128.9) |
| 96 | 5 to 9% of m/z 95 | 7.4 |
| 173 | <2% of m/z 174 | 0.5 (0.6) |
| 174 | 50 to 200% of m/z 95 | 77.6 |
| 175 | 5 to 9% of m/z 174 | 5.8 (7.5) |
| 176 | 95 to 105% of m/z 174 | 76.7 (98.8) |
| 177 | 5 to 10% of m/z 176 | 4.7 (6.2) |

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93050.D\8260W_13.rslt\spectra.d
Injection Date: 12-Sep-2021 10:15:30
Spectrum: Tune Spec :Average 9-11( 1.85-1.87 ) Bgrd 6( 1.83)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 134

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 121 | 74.00 | 4558 | 118.00 | 81 | 167.00 | 42 |
| 37.00 | 1324 | 75.00 | 13600 | 119.00 | 81 | 168.00 | 37 |
| 38.00 | 1220 | 76.00 | 1127 | 126.00 | 28 | 169.00 | 75 |
| 39.00 | 386 | 77.00 | 189 | 128.00 | 183 | 170.00 | 45 |
| 41.00 | 41 | 78.00 | 165 | 129.00 | 64 | 172.00 | 74 |
| 42.00 | 145 | 79.00 | 506 | 130.00 | 80 | 173.00 | 133 |
| 43.00 | 79 | 80.00 | 74 | 131.00 | 41 | 174.00 | 22096 |
| 44.00 | 360 | 81.00 | 530 | 132.00 | 14 | 175.00 | 1665 |
| 45.00 | 296 | 82.00 | 3 | 135.00 | 74 | 176.00 | 21824 |
| 46.00 | 18 | 84.00 | 33 | 136.00 | 23 | 177.00 | 1351 |
| 47.00 | 343 | 86.00 | 89 | 137.00 | 65 | 178.00 | 53 |
| 48.00 | 112 | 87.00 | 1330 | 138.00 | 63 | 182.00 | 19 |
| 49.00 | 1245 | 88.00 | 1191 | 139.00 | 72 | 184.00 | 19 |
| 50.00 | 5504 | 89.00 | 25 | 140.00 | 55 | 185.00 | 24 |
| 51.00 | 1638 | 91.00 | 161 | 141.00 | 174 | 190.00 | 24 |
| 52.00 | 25 | 92.00 | 656 | 142.00 | 30 | 191.00 | 61 |
| 53.00 | 25 | 93.00 | 861 | 143.00 | 235 | 192.00 | 25 |
| 54.00 | 58 | 94.00 | 3095 | 144.00 | 72 | 193.00 | 2 |
| 55.00 | 83 | 95.00 | 28472 | 145.00 | 28 | 207.00 | 79 |
| 56.00 | 521 | 96.00 | 2110 | 146.00 | 57 | 208.00 | 47 |
| 57.00 | 907 | 97.00 | 71 | 147.00 | 60 | 210.00 | 22 |
| 60.00 | 188 | 98.00 | 60 | 148.00 | 26 | 215.00 | 21 |
| 61.00 | 1333 | 99.00 | 19 | 149.00 | 90 | 223.00 | 20 |
| 62.00 | 1161 | 103.00 | 42 | 150.00 | 30 | 227.00 | 34 |
| 63.00 | 812 | 104.00 | 145 | 151.00 | 32 | 232.00 | 25 |
| 64.00 | 68 | 105.00 | 40 | 153.00 | 53 | 239.00 | 24 |
| 65.00 | 17 | 106.00 | 47 | 154.00 | 10 | 246.00 | 19 |
| 67.00 | 170 | 108.00 | 26 | 155.00 | 47 | 252.00 | 24 |
| 68.00 | 2590 | 109.00 | 11 | 156.00 | 29 | 256.00 | 25 |
| 69.00 | 2565 | 110.00 | 29 | 157.00 | 54 | 261.00 | 16 |
| 70.00 | 250 | 112.00 | 49 | 159.00 | 7 | 277.00 | 23 |
| 71.00 | 80 | 113.00 | 2 | 160.00 | 22 | 290.00 | 30 |
| 72.00 | 173 | 115.00 | 55 | 161.00 | 69 | | |

Report Date: 14-Sep-2021 09:11:05 Chrom Revision: 2.3 13-May-2021 07:57:40
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93050.D\8260W_13.rslt\spectra.d
Injection Date: 12-Sep-2021 10:15:30
Spectrum: Tune Spec :Average 9-11( 1.85-1.87 ) Bgrd 6( 1.83)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 134

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 73.00 | 1284 | 117.00 | 165 | 166.00 | 65 | | |

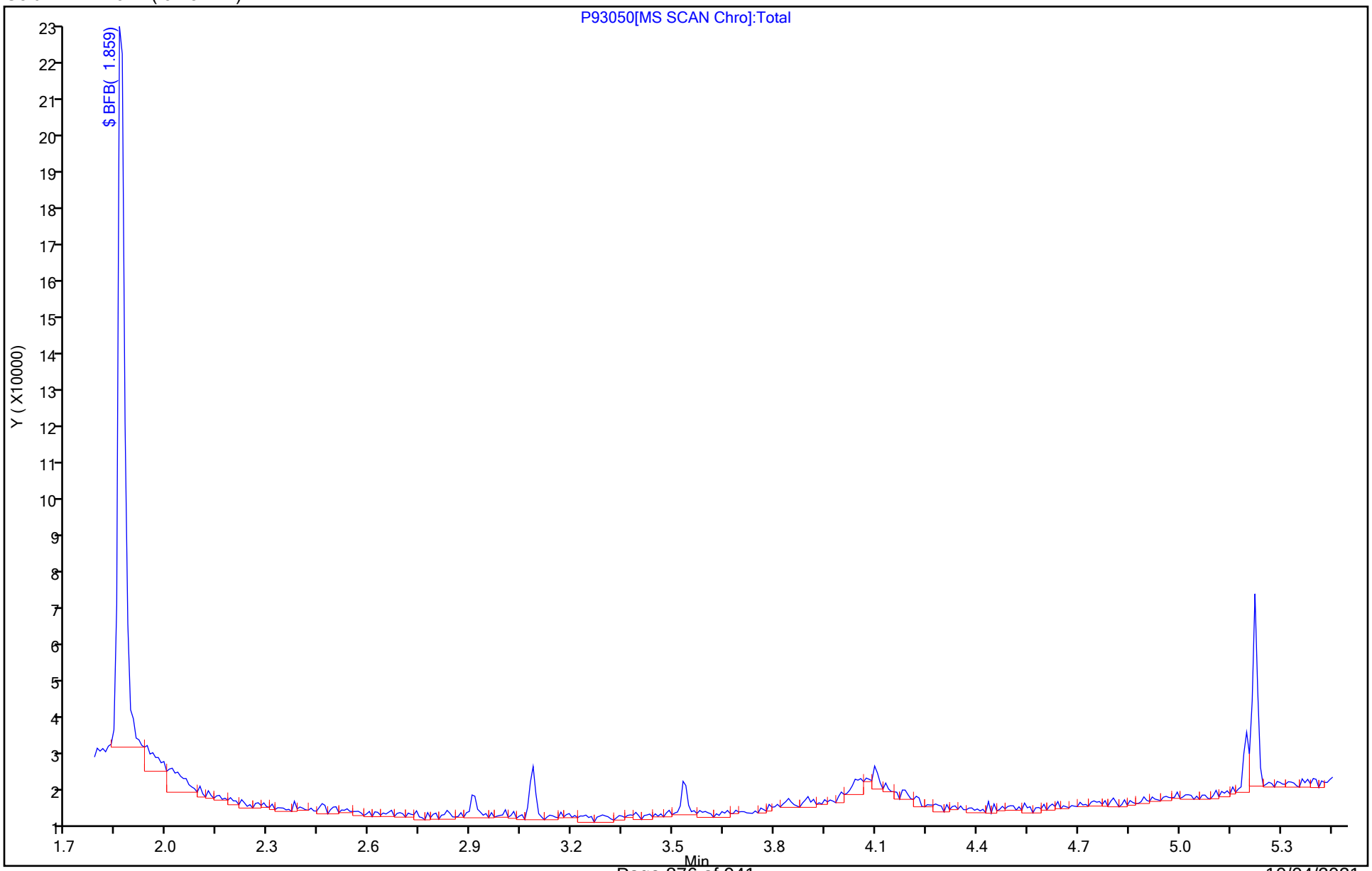
Report Date: 14-Sep-2021 09:11:05 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93050.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 12-Sep-2021 10:15:30 | 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 - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07729.D | | | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Sample Type: | BFB | | | | |
| Inject. Date: | 20-Sep-2021 11:25:30 | ALS Bottle#: | 99 | Worklist Smp#: | 1 |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | BFB | | | | |
| Misc. Info.: | 460-0134774-001 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS7 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\8260W_7.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 21-Sep-2021 09:05:54 | Calib Date: | 20-Sep-2021 17:09:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D | | | | |
| Column 1 : | Rtx-624 ( 0.25 mm) | | Det: MS Quad | | |
| Process Host: | CTX1676 | | | | |
| First Level Reviewer: boykink | | Date: | 21-Sep-2021 01:48:04 | | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|

$ 140 BFB

## QC Flag Legend

Processing Flags

## Reagents:

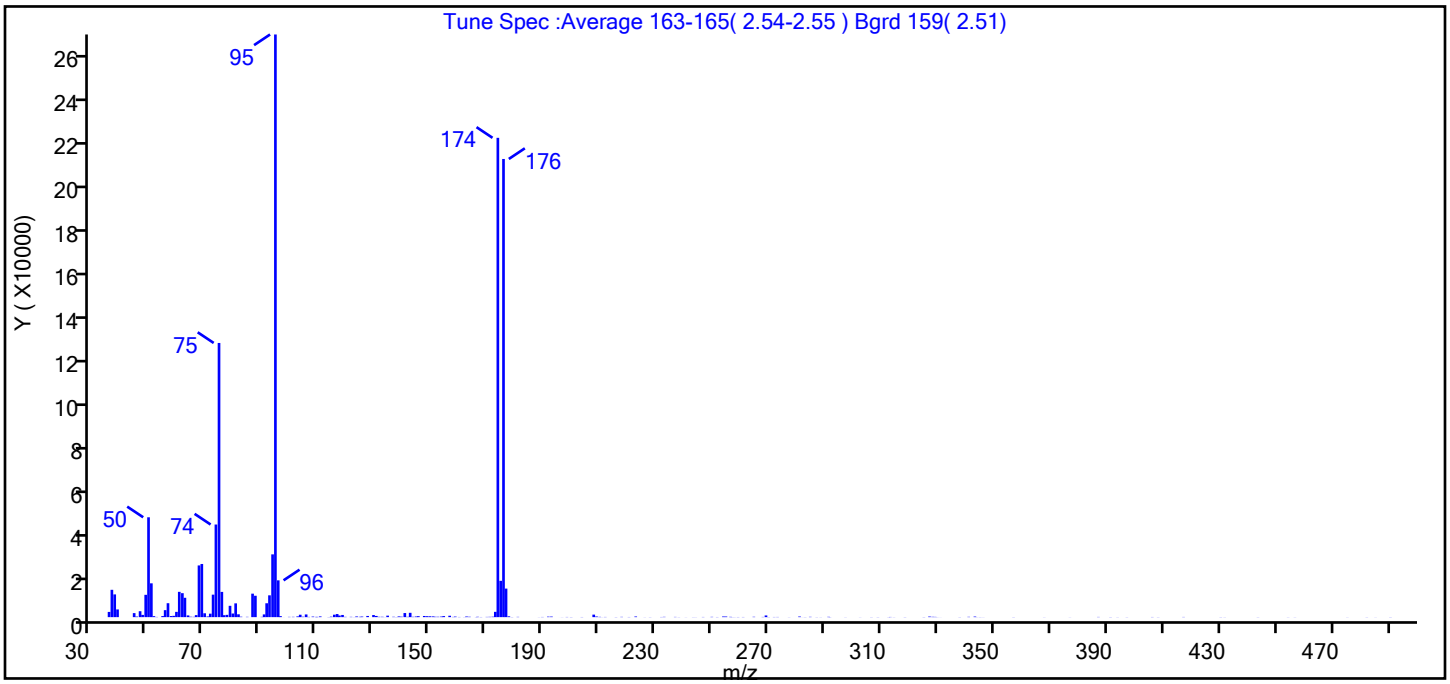
BFB_00030 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07729.D
Injection Date: 20-Sep-2021 11:25:30 Instrument ID: CVOAMS7
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | 50 to 200% of m/z 174 | 100.0 (121.6) |
| 96 | 5 to 9% of m/z 95 | 6.3 |
| 173 | <2% of m/z 174 | 0.9 (1.1) |
| 174 | 50 to 200% of m/z 95 | 82.3 |
| 175 | 5 to 9% of m/z 174 | 6.2 (7.6) |
| 176 | 95 to 105% of m/z 174 | 78.6 (95.6) |
| 177 | 5 to 10% of m/z 176 | 4.9 (6.2) |

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07729.D\8260W_7.rslt\spectra.d
Injection Date: 20-Sep-2021 11:25:30
Spectrum: Tune Spec :Average 163-165( 2.54-2.55 ) Bgrd 159( 2.51)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 215

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 2420 | 100.00 | 129 | 164.00 | 182 | 268.00 | 97 |
| 37.00 | 12664 | 101.00 | 146 | 166.00 | 52 | 269.00 | 782 |
| 38.00 | 10531 | 103.00 | 340 | 167.00 | 163 | 270.00 | 59 |
| 39.00 | 3571 | 104.00 | 1119 | 168.00 | 72 | 272.00 | 81 |
| 45.00 | 1867 | 105.00 | 198 | 170.00 | 110 | 273.00 | 89 |
| 46.00 | 271 | 106.00 | 1252 | 171.00 | 143 | 277.00 | 41 |
| 47.00 | 2742 | 107.00 | 109 | 172.00 | 210 | 281.00 | 291 |
| 48.00 | 1045 | 108.00 | 263 | 173.00 | 2452 | 282.00 | 21 |
| 49.00 | 10339 | 110.00 | 113 | 174.00 | 222016 | 283.00 | 51 |
| 50.00 | 46256 | 110.00 | 105 | 175.00 | 16824 | 285.00 | 145 |
| 51.00 | 15664 | 111.00 | 333 | 176.00 | 212224 | 287.00 | 47 |
| 52.00 | 447 | 114.00 | 64 | 177.00 | 13223 | 288.00 | 38 |
| 53.00 | 96 | 115.00 | 218 | 178.00 | 373 | 291.00 | 146 |
| 55.00 | 502 | 116.00 | 1136 | 179.00 | 63 | 292.00 | 58 |
| 56.00 | 3239 | 117.00 | 1434 | 181.00 | 121 | 297.00 | 40 |
| 57.00 | 6455 | 118.00 | 749 | 189.00 | 35 | 302.00 | 36 |
| 58.00 | 511 | 119.00 | 1011 | 190.00 | 87 | 306.00 | 51 |
| 59.00 | 608 | 120.00 | 134 | 192.00 | 233 | 309.00 | 53 |
| 60.00 | 2446 | 122.00 | 139 | 193.00 | 263 | 313.00 | 48 |
| 61.00 | 11719 | 123.00 | 37 | 196.00 | 9 | 313.00 | 91 |
| 62.00 | 11104 | 124.00 | 320 | 197.00 | 33 | 314.00 | 39 |
| 63.00 | 8967 | 125.00 | 157 | 198.00 | 87 | 318.00 | 57 |
| 64.00 | 797 | 126.00 | 273 | 200.00 | 64 | 325.00 | 64 |
| 65.00 | 198 | 128.00 | 553 | 204.00 | 71 | 327.00 | 274 |
| 66.00 | 142 | 130.00 | 976 | 208.00 | 1169 | 328.00 | 152 |
| 67.00 | 923 | 131.00 | 560 | 209.00 | 295 | 329.00 | 120 |
| 68.00 | 23952 | 132.00 | 157 | 210.00 | 131 | 330.00 | 37 |
| 69.00 | 24624 | 133.00 | 168 | 211.00 | 33 | 331.00 | 20 |
| 70.00 | 1788 | 134.00 | 35 | 212.00 | 92 | 338.00 | 55 |
| 71.00 | 319 | 135.00 | 687 | 216.00 | 64 | 341.00 | 146 |
| 72.00 | 1610 | 137.00 | 167 | 218.00 | 128 | 343.00 | 265 |
| 73.00 | 10417 | 138.00 | 60 | 220.00 | 74 | 344.00 | 36 |
| 74.00 | 42904 | 139.00 | 339 | 223.00 | 304 | 345.00 | 49 |

Report Date: 21-Sep-2021 09:05:54 Chrom Revision: 2.3 13-May-2021 07:57:40
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07729.D\8260W_7.rslt\spectra.d
Injection Date: 20-Sep-2021 11:25:30
Spectrum: Tune Spec :Average 163-165( 2.54-2.55 ) Bgrd 159( 2.51)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 215

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 75.00 | 127000 | 140.00 | 209 | 226.00 | 36 | 346.00 | 32 |
| 76.00 | 11692 | 141.00 | 1896 | 228.00 | 51 | 357.00 | 56 |
| 77.00 | 904 | 142.00 | 154 | 232.00 | 79 | 368.00 | 37 |
| 78.00 | 1058 | 143.00 | 2004 | 233.00 | 138 | 377.00 | 34 |
| 79.00 | 5248 | 144.00 | 158 | 237.00 | 108 | 387.00 | 98 |
| 80.00 | 1682 | 145.00 | 293 | 238.00 | 43 | 391.00 | 63 |
| 81.00 | 6388 | 146.00 | 439 | 241.00 | 33 | 394.00 | 42 |
| 82.00 | 1318 | 148.00 | 534 | 243.00 | 44 | 397.00 | 48 |
| 83.00 | 207 | 149.00 | 437 | 244.00 | 38 | 406.00 | 78 |
| 85.00 | 141 | 150.00 | 395 | 247.00 | 86 | 408.00 | 50 |
| 87.00 | 10881 | 151.00 | 341 | 250.00 | 11 | 417.00 | 92 |
| 88.00 | 9909 | 152.00 | 178 | 250.00 | 135 | 430.00 | 55 |
| 90.00 | 139 | 153.00 | 181 | 252.00 | 71 | 432.00 | 39 |
| 91.00 | 1269 | 154.00 | 277 | 254.00 | 302 | 444.00 | 48 |
| 92.00 | 6428 | 155.00 | 485 | 255.00 | 289 | 454.00 | 41 |
| 93.00 | 10105 | 157.00 | 646 | 256.00 | 137 | 457.00 | 39 |
| 94.00 | 29080 | 158.00 | 104 | 257.00 | 49 | 475.00 | 35 |
| 95.00 | 269888 | 159.00 | 255 | 258.00 | 42 | 482.00 | 48 |
| 96.00 | 17048 | 160.00 | 82 | 259.00 | 71 | 485.00 | 33 |
| 97.00 | 469 | 162.00 | 43 | 261.00 | 77 | 491.00 | 57 |
| 98.00 | 16 | 163.00 | 295 | 265.00 | 165 | | |

Report Date: 21-Sep-2021 09:05:54 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07729.D

Injection Date: 20-Sep-2021 11:25:30 Instrument ID: CVOAMS7

Lims ID: BFB

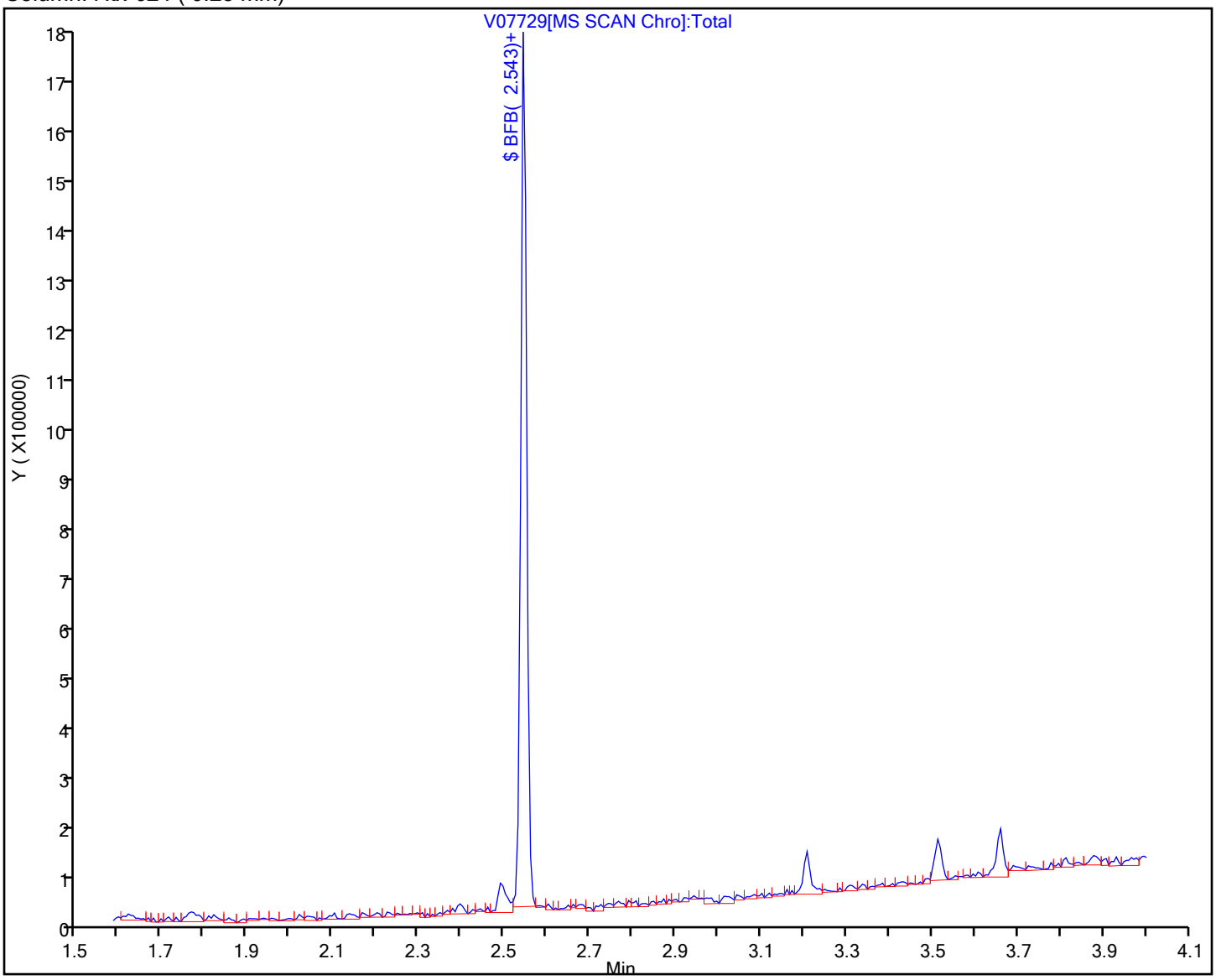
Client ID:

Operator ID: ALS Bottle#: 99 Worklist Smp#: 1

Injection Vol: 5.0 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D 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.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 460-804255/9

Matrix: Water  Lab File ID: V08326.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 10:44

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.: 804255  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 | 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.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 460-804255/9

Matrix: Water  Lab File ID: V08326.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 10:44

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.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 92 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 92 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 97 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 100 | | 80-120 |

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

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 460-804255/9

Matrix: Water  Lab File ID: V08326.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 10:44

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.: 804255  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\CVOAMS7\20210930-135296.b\V08326.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Sep-2021 10:44:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0135296-009
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 12:01:04 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1658

First Level Reviewer: delpolitov Date: 30-Sep-2021 12:01:41

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 44900 | 1000.0 | 1000.0 | |
| * 42 2-Butanone-d5 | 46 | 3.583 | 3.583 | 0.000 | 98 | 292911 | 250.0 | 250.0 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 94 | 192229 | 50.0 | 48.4 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.383 | 4.383 | 0.000 | 97 | 192054 | 50.0 | 46.0 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 697706 | 50.0 | 50.0 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.378 | 5.378 | 0.000 | 89 | 29412 | 1000.0 | 1000.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.406 | 6.407 | -0.001 | 98 | 834497 | 50.0 | 49.9 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 85 | 508233 | 50.0 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 219937 | 50.0 | 45.9 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 94 | 221253 | 50.0 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 30-Sep-2021 12:01:43 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08326.D

Injection Date: 30-Sep-2021 10:44:30 Instrument ID: CVOAMS7

Lims ID: MB

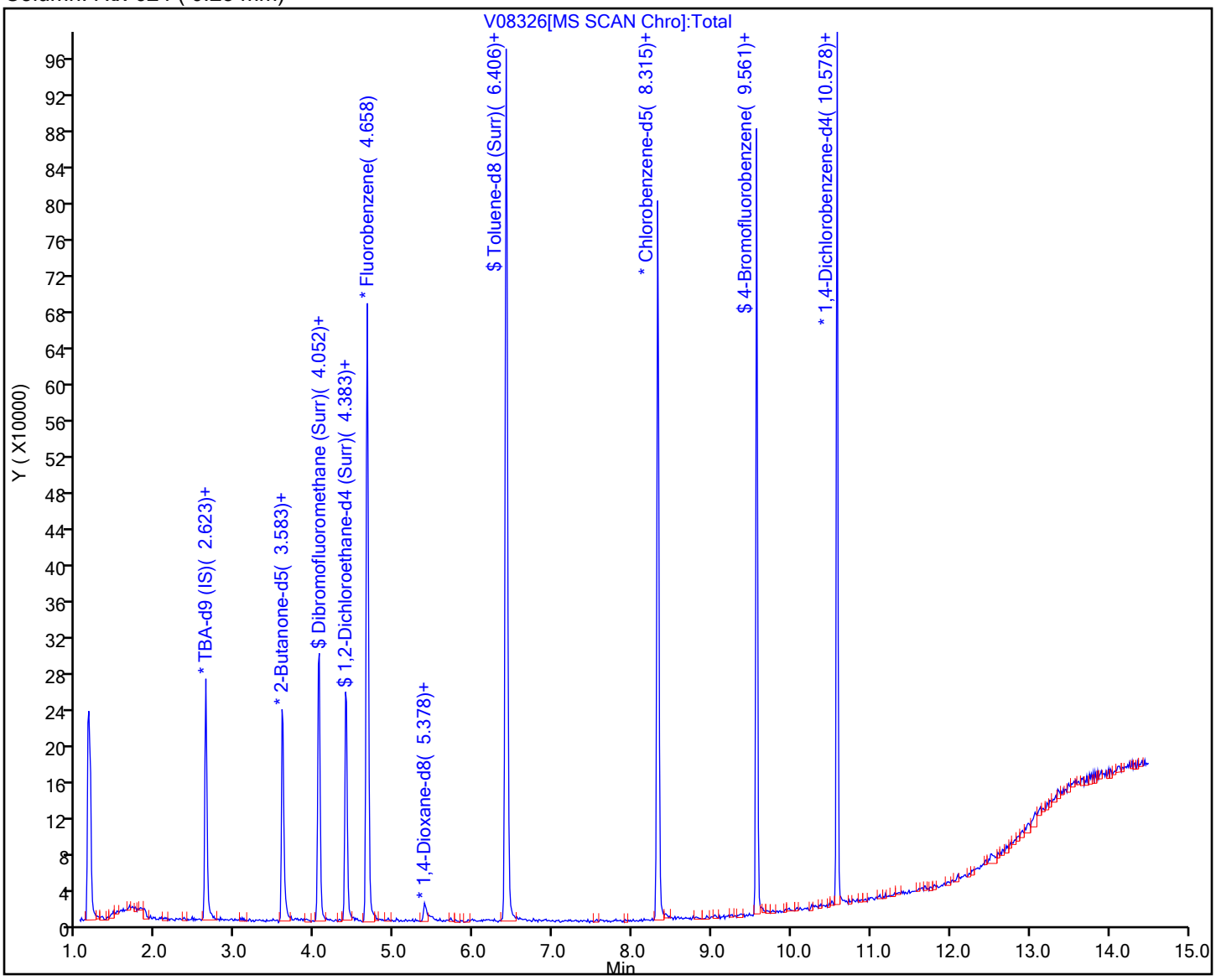
Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



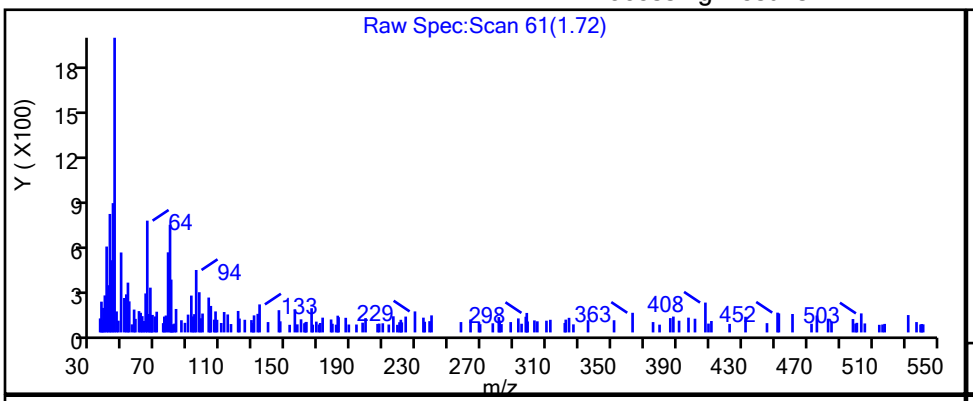
User Disabled Compound Report

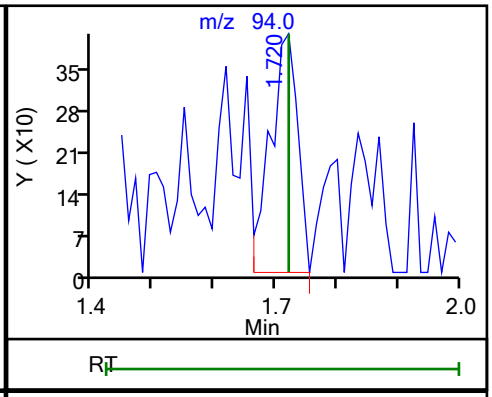
Eurofins TestAmerica, Edison

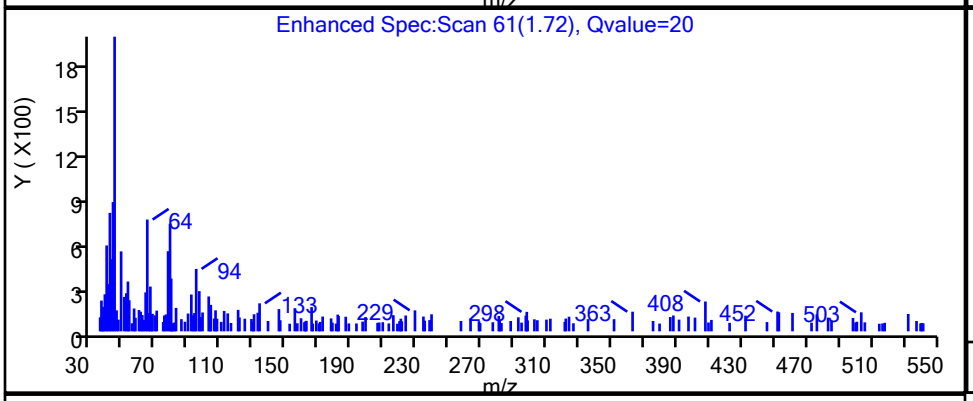
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08326.D | | | | |
| Injection Date: | 30-Sep-2021 10:44:30 | Instrument ID: | CVOAMS7 | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 58 | Worklist Smp#: | 9 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260W_7 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS Quad | | |

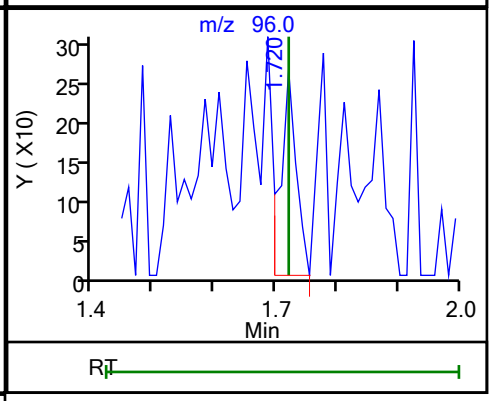
## 9 Bromomethane, CAS: 74-83-9

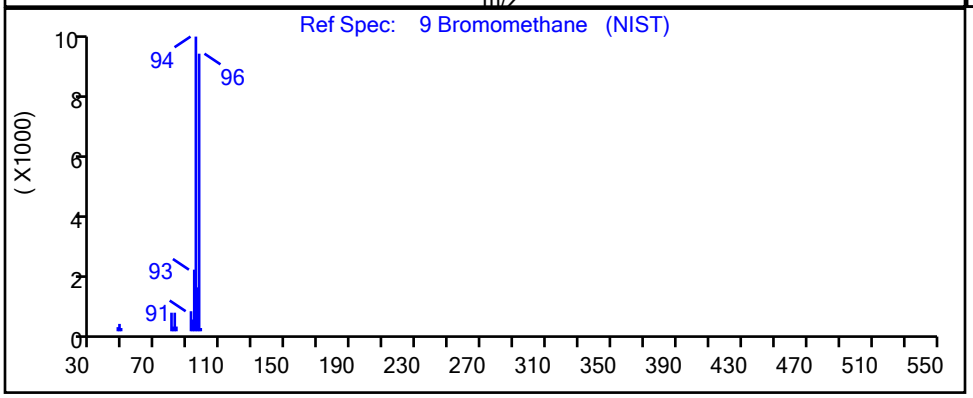
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.72 | 94.00 | 1289 | 0.226261 |
| 1.72 | 96.00 | 473 | |

Reviewer: tupayachia, 30-Sep-2021 11:19:21

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.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 460-804423/8

Matrix: Water  Lab File ID: P93989.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 10/01/2021 01:16

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.: 804423  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 | 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 | 0.30 | U | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 460-804423/8

Matrix: Water  Lab File ID: P93989.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 10/01/2021 01:16

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.: 804423  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 93 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 97 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 89 | | 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.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 460-804423/8

Matrix: Water  Lab File ID: P93989.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 10/01/2021 01:16

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.: 804423  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\20210930-135326.b\P93989.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 01-Oct-2021 01:16:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0135326-008
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2021 11:03:12 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1657

First Level Reviewer: boykink Date: 01-Oct-2021 01:25:24

| 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 | 1.688 | 1.695 | -0.007 | 100 | 154342 | 1000.0 | 1000.0 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.562 | 0.000 | 96 | 120813 | 50.0 | 44.6 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 195633 | 250.0 | 250.0 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.927 | 2.920 | 0.007 | 0 | 139224 | 50.0 | 46.7 | |
| * 66 Fluorobenzene | 96 | 3.149 | 3.142 | 0.007 | 99 | 580692 | 50.0 | 50.0 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.966 | 3.966 | 0.000 | 63 | 18423 | 1000.0 | 1000.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.589 | 4.589 | 0.000 | 100 | 486185 | 50.0 | 46.8 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 87 | 407858 | 50.0 | 50.0 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 90 | 163341 | 50.0 | 48.6 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 96 | 226425 | 50.0 | 50.0 | |

## Reagents:

8260ISNEW_00155 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00222 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 01-Oct-2021 11:03:47 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93989.D

Injection Date: 01-Oct-2021 01:16:30 Instrument ID: CVOAMS13 Operator ID:

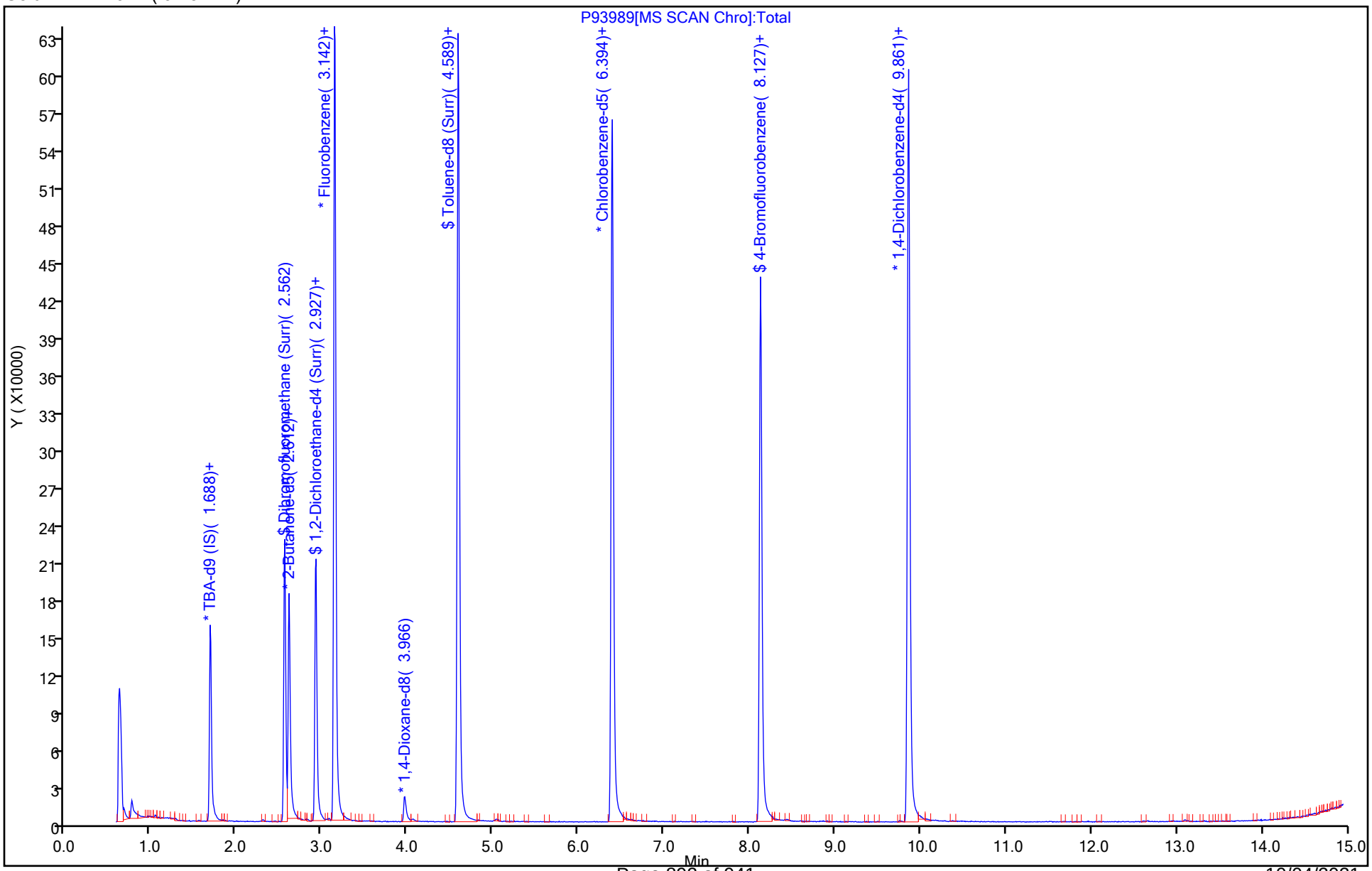
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

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

Column: Rtx-624 ( 0.25 mm)



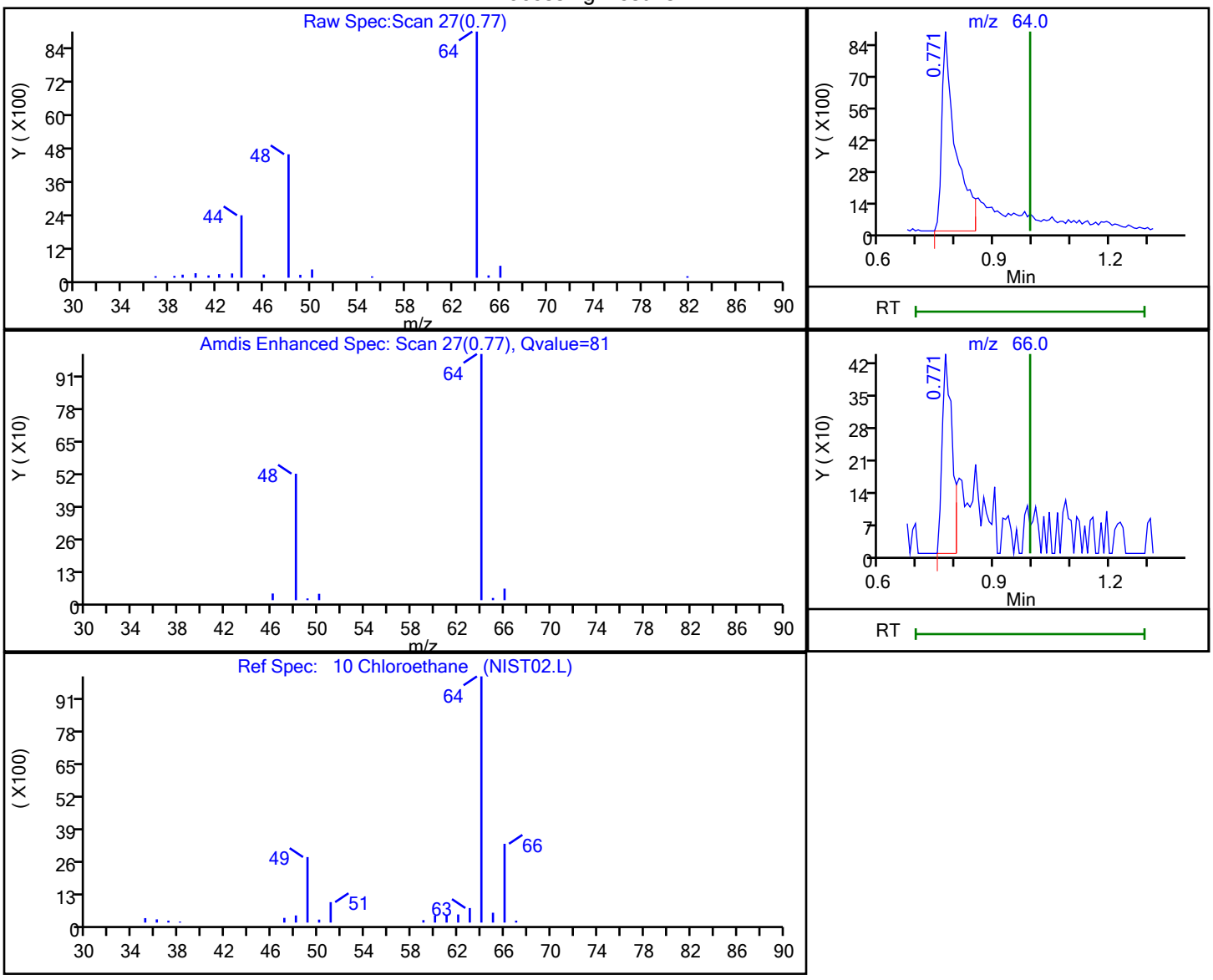
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93989.D
Injection Date: 01-Oct-2021 01:16:30 Instrument ID: CVOAMS13
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 0.77 | 64.00 | 22555 | 11.463757 |
| 0.77 | 66.00 | 783 | |

Reviewer: boykink, 01-Oct-2021 01:06:35
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.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 460-804255/5

Matrix: Water  Lab File ID: V08322.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 09:20

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.: 804255  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 | 19.8 | | 1.0 | 0.37 |
| 79-00-5 | 1,1,2-Trichloroethane | 18.8 | | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 18.5 | | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 19.6 | | 1.0 | 0.26 |
| 107-06-2 | 1,2-Dichloroethane | 18.1 | | 1.0 | 0.43 |
| 78-87-5 | 1,2-Dichloropropane | 18.3 | | 1.0 | 0.35 |
| 123-91-1 | 1,4-Dioxane | 330 | | 50 | 28 |
| 78-93-3 | 2-Butanone | 97.7 | | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 104 | | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone | 102 | | 5.0 | 1.3 |
| 67-64-1 | Acetone | 93.3 | | 5.0 | 4.4 |
| 71-43-2 | Benzene | 19.5 | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | 19.2 | | 1.0 | 0.34 |
| 75-25-2 | Bromoform | 17.6 | | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 20.4 | | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 20.8 | | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 18.8 | | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 20.0 | | 1.0 | 0.38 |
| 75-00-3 | Chloroethane | 18.2 | | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 19.0 | | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 16.6 | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 18.3 | | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 18.9 | | 1.0 | 0.22 |
| 124-48-1 | Dibromochloromethane | 19.9 | | 1.0 | 0.28 |
| 100-41-4 | Ethylbenzene | 20.6 | | 1.0 | 0.30 |
| 75-09-2 | Methylene Chloride | 18.1 | | 1.0 | 0.32 |
| 100-42-5 | Styrene | 20.7 | | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 16.9 | | 1.0 | 0.25 |
| 108-88-3 | Toluene | 19.9 | | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 18.9 | | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 19.2 | | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 18.4 | | 1.0 | 0.31 |
| 75-01-4 | Vinyl chloride | 17.4 | | 1.0 | 0.17 |
| 1330-20-7 | Xylenes, Total | 39.9 | | 2.0 | 0.65 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 460-804255/5

Matrix: Water  Lab File ID: V08322.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 09:20

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.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 90 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 94 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 95 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 99 | | 80-120 |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08322.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Sep-2021 09:20:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0135296-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 12:00:00 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1658

First Level Reviewer: delpolitov Date: 30-Sep-2021 12:00:00

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 93 | 12312 | 20.0 | 17.1 | |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 92 | 67522 | 20.0 | 18.6 | |
| 4 1,1-Difluoroethane | 65 | 1.275 | 1.286 | -0.011 | 94 | 64225 | 20.0 | 17.7 | |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 99 | 167722 | 20.0 | 20.2 | M |
| 2 Chlorodifluoromethane | 67 | 1.309 | 1.309 | 0.000 | 100 | 27677 | 20.0 | 18.1 | |
| 6 Chloromethane | 50 | 1.435 | 1.435 | 0.000 | 100 | 135614 | 20.0 | 16.6 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 99 | 168317 | 20.0 | 17.4 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 95 | 148938 | 20.0 | 16.1 | |
| 9 Bromomethane | 94 | 1.721 | 1.720 | 0.000 | 99 | 130891 | 20.0 | 20.4 | |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 99 | 113350 | 20.0 | 18.2 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 99 | 219449 | 20.0 | 17.0 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 96 | 222146 | 20.0 | 18.7 | |
| 13 Pentane | 72 | 1.961 | 1.960 | 0.001 | 94 | 49202 | 40.0 | 34.8 | |
| 17 Ethanol | 46 | 2.075 | 2.075 | 0.000 | 98 | 27006 | 800.0 | 894.4 | |
| 14 Ethyl ether | 74 | 2.109 | 2.109 | 0.000 | 93 | 84150 | 20.0 | 19.1 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 97 | 123669 | 20.0 | 17.9 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 91 | 120845 | 20.0 | 18.3 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 98 | 195820 | 20.0 | 18.9 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 95 | 143192 | 20.0 | 20.1 | |
| 52 Acrolein | 56 | 2.258 | 2.258 | 0.000 | 96 | 43468 | 40.6 | 69.6 | |
| 20 1,1-Dichloroethene | 96 | 2.281 | 2.292 | -0.011 | 97 | 134317 | 20.0 | 19.6 | |
| 23 Acetone | 43 | 2.349 | 2.349 | 0.000 | 87 | 219891 | 100.0 | 93.3 | |
| 24 Isopropyl alcohol | 45 | 2.418 | 2.418 | 0.000 | 59 | 82900 | 200.0 | 231.2 | |
| 21 Iodomethane | 142 | 2.418 | 2.418 | 0.000 | 99 | 149230 | 20.0 | 14.6 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 99 | 411188 | 20.0 | 20.8 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 87 | 84938 | 20.0 | 18.6 | |
| 30 Methyl acetate | 43 | 2.543 | 2.543 | 0.000 | 97 | 226048 | 40.0 | 37.9 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 96 | 361776 | 20.0 | 19.9 | |
| 27 Acetonitrile | 41 | 2.601 | 2.600 | 0.001 | 98 | 143621 | 200.0 | 214.9 | a |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 53057 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 89 | 145755 | 20.0 | 18.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 2-Methyl-2-propanol | 59 | 2.681 | 2.680 | 0.001 | 99 | 161973 | 200.0 | 221.5 | |
| 32 Methyl tert-butyl ether | 73 | 2.772 | 2.772 | 0.000 | 96 | 429684 | 20.0 | 19.7 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 91 | 153279 | 20.0 | 18.9 | |
| 35 Acrylonitrile | 53 | 2.863 | 2.863 | 0.000 | 93 | 583640 | 200.0 | 188.9 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 91 | 177965 | 20.0 | 17.4 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 92 | 379012 | 20.0 | 18.7 | |
| 38 1,1-Dichloroethane | 63 | 3.161 | 3.160 | 0.001 | 64 | 252037 | 20.0 | 18.5 | |
| 40 Vinyl acetate | 86 | 3.161 | 3.160 | 0.001 | 99 | 67967 | 40.0 | 48.1 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.195 | 3.195 | 0.000 | 92 | 137351 | 20.0 | 18.8 | |
| 41 Tert-butyl ethyl ether | 59 | 3.401 | 3.401 | 0.001 | 90 | 406148 | 20.0 | 19.0 | |
| * 42 2-Butanone-d5 | 46 | 3.584 | 3.583 | 0.001 | 99 | 363654 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 94 | 53683 | 20.0 | 17.7 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.629 | 3.641 | -0.012 | 94 | 162078 | 20.0 | 18.3 | |
| 47 Ethyl acetate | 70 | 3.641 | 3.641 | 0.000 | 93 | 34602 | 40.0 | 36.0 | |
| 44 2-Butanone (MEK) | 72 | 3.641 | 3.641 | 0.000 | 97 | 101601 | 100.0 | 97.7 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 99 | 120439 | 20.0 | 18.2 | |
| 48 Propionitrile | 54 | 3.766 | 3.766 | 0.000 | 98 | 219566 | 200.0 | 183.5 | |
| 50 Tetrahydrofuran | 72 | 3.846 | 3.846 | 0.000 | 85 | 50583 | 40.0 | 36.4 | |
| 49 Chlorobromomethane | 128 | 3.846 | 3.846 | 0.000 | 80 | 75289 | 20.0 | 17.7 | |
| 54 Methacrylonitrile | 67 | 3.858 | 3.858 | 0.000 | 91 | 708234 | 200.0 | 186.7 | |
| 51 Chloroform | 83 | 3.892 | 3.892 | 0.000 | 99 | 263360 | 20.0 | 19.0 | |
| 53 Cyclohexane | 84 | 4.018 | 4.018 | 0.000 | 88 | 236634 | 20.0 | 18.7 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 97 | 243317 | 20.0 | 19.2 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 95 | 212508 | 50.0 | 47.5 | |
| 57 Carbon tetrachloride | 117 | 4.144 | 4.143 | 0.001 | 97 | 198403 | 20.0 | 18.8 | |
| 58 1,1-Dichloropropene | 75 | 4.178 | 4.178 | 0.000 | 97 | 208610 | 20.0 | 19.1 | |
| 61 Isobutyl alcohol | 43 | 4.292 | 4.292 | 0.000 | 98 | 196023 | 500.0 | 507.8 | |
| 64 Isooctane | 57 | 4.326 | 4.338 | -0.012 | 97 | 328972 | 20.0 | 16.4 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 96 | 590469 | 20.0 | 19.5 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.384 | 4.383 | 0.001 | 96 | 211945 | 50.0 | 45.1 | |
| 66 Isopropyl acetate | 61 | 4.406 | 4.406 | 0.000 | 96 | 61854 | 20.0 | 18.0 | |
| 62 Tert-amyl methyl ether | 73 | 4.418 | 4.418 | 0.000 | 91 | 438852 | 20.0 | 19.2 | |
| 63 1,2-Dichloroethane | 62 | 4.464 | 4.463 | 0.001 | 97 | 184477 | 20.0 | 18.1 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 88 | 36664 | 20.0 | 16.1 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 785723 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 4.978 | 4.978 | 0.000 | 87 | 69397 | 500.0 | 525.3 | |
| 69 Trichloroethene | 95 | 5.024 | 5.024 | 0.000 | 98 | 154788 | 20.0 | 18.4 | |
| 71 Ethyl acrylate | 99 | 5.138 | 5.138 | 0.000 | 95 | 24654 | 20.0 | 18.5 | |
| 72 Methylcyclohexane | 83 | 5.138 | 5.138 | 0.000 | 82 | 230174 | 20.0 | 16.8 | |
| 73 1,2-Dichloropropane | 63 | 5.309 | 5.309 | 0.000 | 88 | 133019 | 20.0 | 18.3 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.378 | 5.378 | 0.000 | 45 | 38080 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.389 | 5.389 | 0.000 | 80 | 90209 | 40.0 | 38.4 | |
| 78 1,4-Dioxane | 88 | 5.435 | 5.435 | 0.000 | 28 | 35649 | 400.0 | 330.2 | M |
| 77 n-Propyl acetate | 43 | 5.447 | 5.446 | 0.001 | 97 | 194021 | 20.0 | 18.5 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 93 | 91186 | 20.0 | 18.9 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 99 | 190378 | 20.0 | 19.2 | |
| 34 2-Nitropropane | 41 | 5.961 | 5.961 | 0.000 | 94 | 97601 | 40.0 | 32.9 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.972 | 5.972 | 0.000 | 83 | 83050 | 20.0 | 17.8 | |
| 80 Epichlorohydrin | 57 | 6.087 | 6.086 | 0.001 | 99 | 334326 | 400.0 | 432.6 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.144 | 6.155 | -0.011 | 91 | 232495 | 20.0 | 18.9 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.315 | 6.315 | 0.000 | 96 | 642416 | 100.0 | 102.0 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.407 | 6.407 | 0.000 | 99 | 937892 | 50.0 | 49.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Toluene | 91 | 6.487 | 6.498 | -0.011 | 93 | 657687 | 20.0 | 19.9 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 97 | 218286 | 20.0 | 19.2 | |
| 86 Ethyl methacrylate | 69 | 6.921 | 6.921 | 0.000 | 86 | 170110 | 20.0 | 18.5 | |
| 87 1,1,2-Trichloroethane | 83 | 7.138 | 7.138 | 0.000 | 94 | 111132 | 20.0 | 18.8 | |
| 88 Tetrachloroethene | 166 | 7.172 | 7.172 | 0.000 | 95 | 145105 | 20.0 | 16.9 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 92 | 218136 | 20.0 | 19.6 | |
| 91 2-Hexanone | 43 | 7.435 | 7.435 | 0.000 | 95 | 432086 | 100.0 | 103.8 | |
| 92 n-Butyl acetate | 43 | 7.573 | 7.584 | -0.012 | 99 | 196879 | 20.0 | 19.3 | |
| 90 Chlorodibromomethane | 129 | 7.630 | 7.629 | 0.001 | 98 | 140709 | 20.0 | 19.9 | |
| 93 Ethylene Dibromide | 107 | 7.778 | 7.790 | -0.012 | 98 | 146068 | 20.0 | 20.0 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 85 | 574493 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.350 | 8.350 | 0.000 | 96 | 416154 | 20.0 | 20.0 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 228446 | 20.0 | 20.6 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 95 | 141188 | 20.0 | 18.5 | |
| 98 m-Xylene & p-Xylene | 106 | 8.578 | 8.578 | 0.000 | 96 | 274097 | 20.0 | 19.9 | |
| 99 n-Butyl acrylate | 73 | 9.001 | 9.001 | 0.000 | 61 | 100438 | 20.0 | 16.5 | |
| 100 o-Xylene | 106 | 9.013 | 9.012 | 0.001 | 94 | 265323 | 20.0 | 20.0 | |
| 101 Styrene | 104 | 9.036 | 9.035 | 0.001 | 97 | 451073 | 20.0 | 20.7 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.230 | 9.241 | -0.011 | 92 | 213606 | 20.0 | 19.3 | |
| 103 Bromoform | 173 | 9.253 | 9.253 | 0.001 | 95 | 92078 | 20.0 | 17.6 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 95 | 694781 | 20.0 | 21.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 255072 | 50.0 | 47.1 | |
| 107 Bromobenzene | 156 | 9.687 | 9.687 | 0.000 | 95 | 162535 | 20.0 | 19.0 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 98 | 175803 | 20.0 | 19.8 | |
| 109 N-Propylbenzene | 91 | 9.756 | 9.755 | 0.001 | 99 | 792478 | 20.0 | 21.0 | |
| 115 1,2,3-Trichloropropane | 110 | 9.778 | 9.778 | 0.000 | 96 | 60814 | 20.0 | 23.2 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 93 | 50817 | 20.0 | 19.3 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 95 | 526317 | 20.0 | 20.4 | |
| 113 4-Ethyltoluene | 105 | 9.858 | 9.858 | 0.000 | 98 | 671211 | 20.0 | 21.1 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 93 | 549730 | 20.0 | 20.6 | |
| 110 4-Chlorotoluene | 91 | 9.961 | 9.961 | 0.000 | 98 | 490150 | 20.0 | 20.7 | |
| 117 Butyl Methacrylate | 87 | 10.018 | 10.018 | 0.000 | 91 | 158019 | 20.0 | 18.4 | |
| 118 tert-Butylbenzene | 119 | 10.190 | 10.190 | 0.000 | 94 | 460177 | 20.0 | 20.2 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 97 | 543066 | 20.0 | 20.2 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 99 | 675262 | 20.0 | 21.2 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 98 | 561545 | 20.0 | 19.4 | |
| 122 1,3-Dichlorobenzene | 146 | 10.510 | 10.510 | 0.000 | 95 | 316588 | 20.0 | 19.5 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.579 | 10.578 | 0.001 | 93 | 276259 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.590 | 10.590 | 0.000 | 95 | 319681 | 20.0 | 19.6 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 98 | 582794 | 20.0 | 20.8 | |
| 125 Benzyl chloride | 91 | 10.716 | 10.716 | 0.000 | 99 | 361801 | 20.0 | 21.3 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 93 | 583999 | 20.0 | 21.6 | |
| 126 p-Diethylbenzene | 119 | 10.819 | 10.818 | 0.001 | 93 | 282277 | 20.0 | 19.3 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 98 | 267957 | 20.0 | 19.6 | |
| 128 1,2-Dichlorobenzene | 146 | 10.899 | 10.898 | 0.001 | 97 | 298101 | 20.0 | 19.5 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 97 | 437949 | 20.0 | 18.7 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 95 | 41091 | 20.0 | 17.2 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 96 | 185990 | 20.0 | 17.3 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.099 | 12.099 | 0.001 | 94 | 162031 | 20.0 | 16.2 | |
| 133 Hexachlorobutadiene | 225 | 12.179 | 12.179 | 0.000 | 92 | 57521 | 20.0 | 15.1 | |
| 134 Naphthalene | 128 | 12.282 | 12.281 | 0.001 | 99 | 473132 | 20.0 | 18.2 | |
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 96 | 157610 | 20.0 | 16.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.2 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 39.9 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 40.0 | 38.1 | |
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 100.0 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524freon_00042 | Amount Added: | 20.00 | Units: uL | |
| GASES Li_00441 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00131 | Amount Added: | 4.00 | Units: uL | |
| 8260ISNEW_00119 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00222 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 30-Sep-2021 12:00:01 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08322.D

Injection Date: 30-Sep-2021 09:20:30 Instrument ID: CVOAMS7

Lims ID: LCS

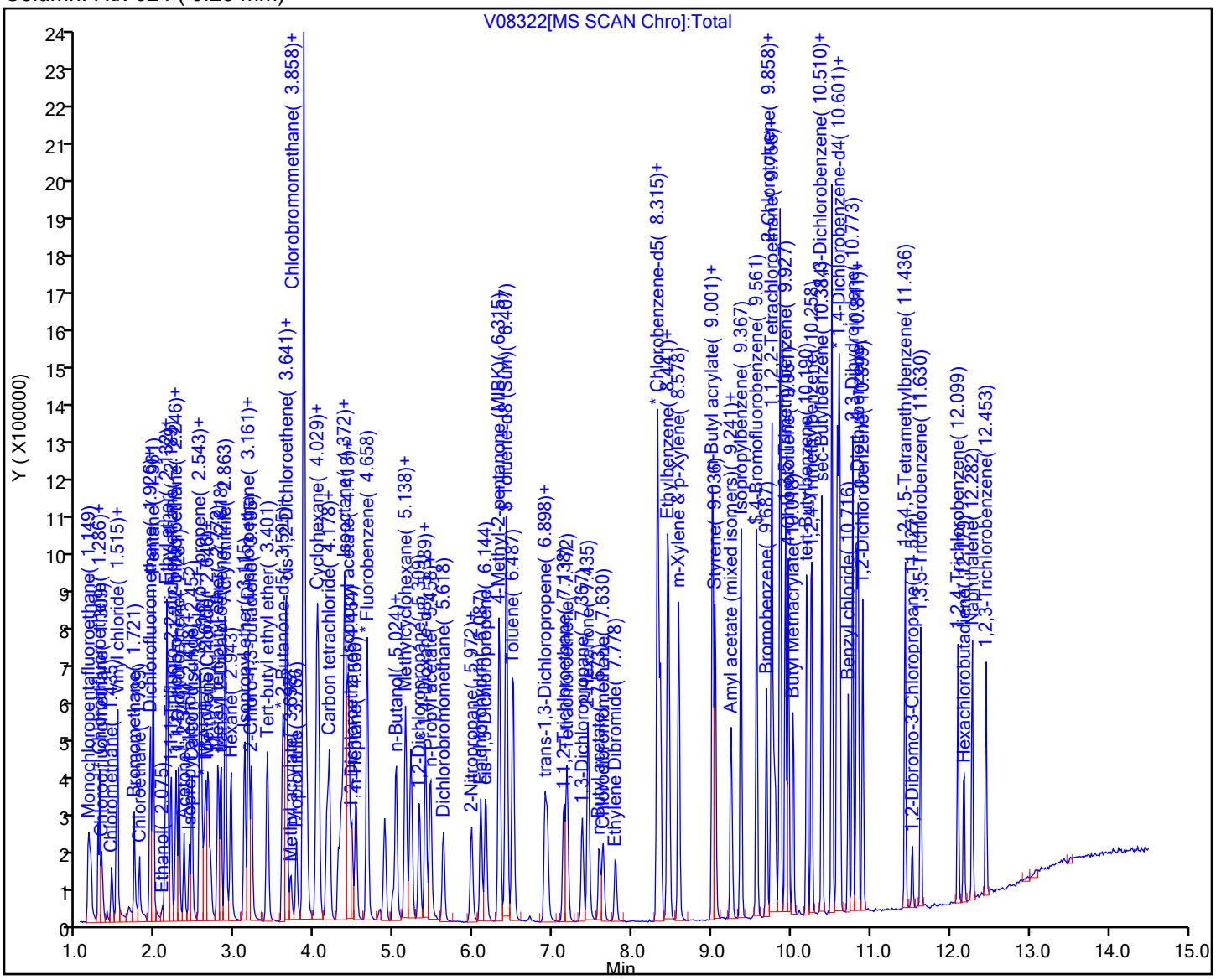
Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins TestAmerica, Edison

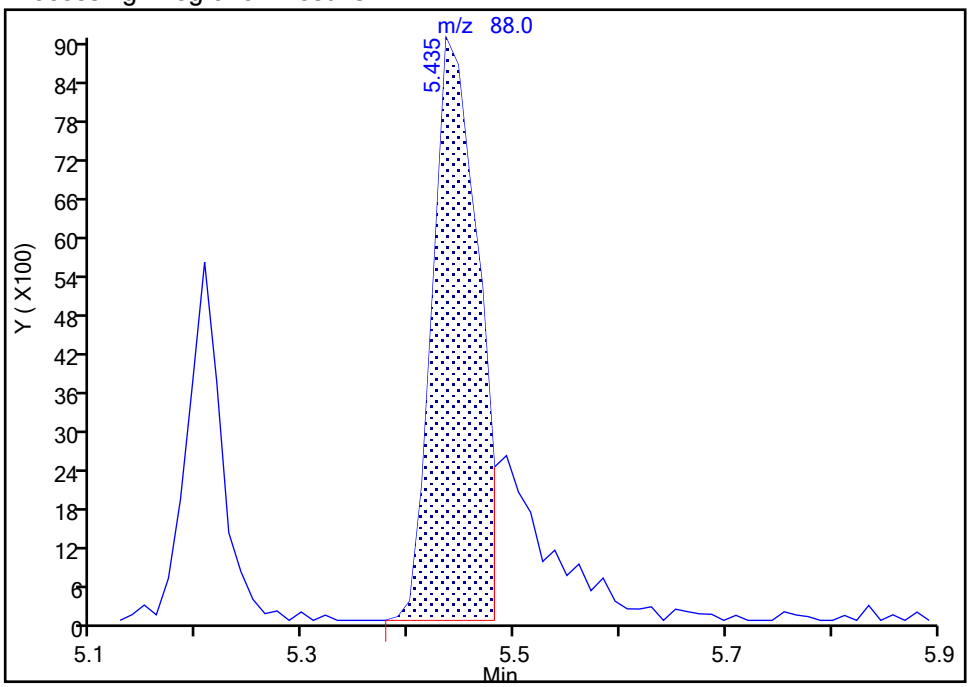
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08322.D
Injection Date: 30-Sep-2021 09:20:30 Instrument ID: CVOAMS7
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS Quad

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

Signal: 1

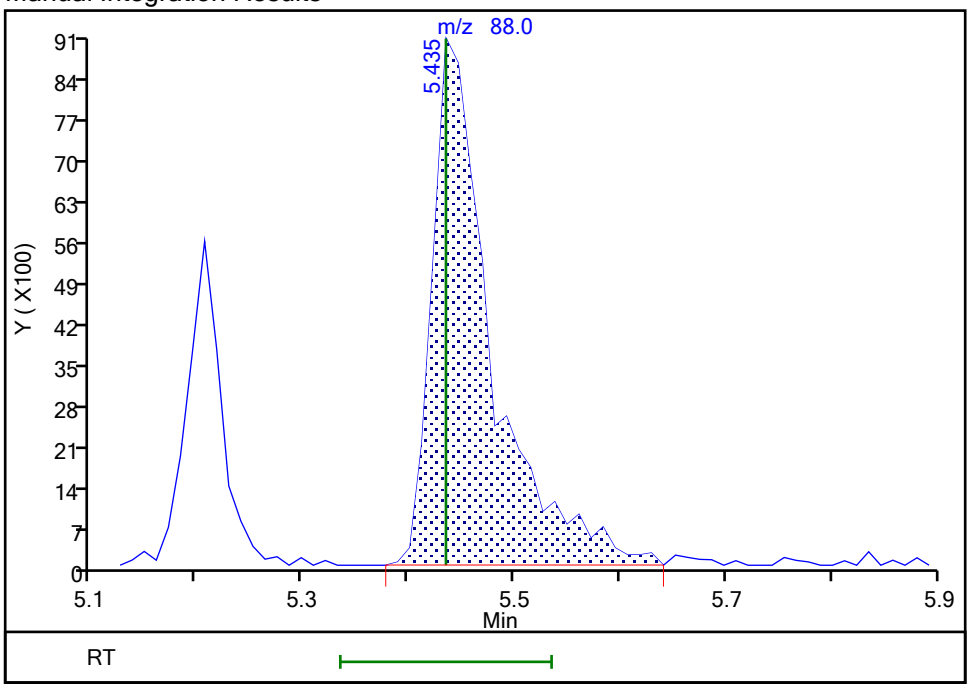
Processing Integration Results

RT: 5.44
Area: 27587
Amount: 255.5191
Amount Units: ug/l




Manual Integration Results

RT: 5.44
Area: 35649
Amount: 330.1918
Amount Units: ug/l




Reviewer: delpolitov, 30-Sep-2021 11:59:41
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 460-804423/3

Matrix: Water  Lab File ID: P93984.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 23:10

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804423  Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 17.8 | | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 18.7 | | 1.0 | 0.37 |
| 79-00-5 | 1,1,2-Trichloroethane | 19.2 | | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 18.0 | | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 19.0 | | 1.0 | 0.26 |
| 107-06-2 | 1,2-Dichloroethane | 19.0 | | 1.0 | 0.43 |
| 78-87-5 | 1,2-Dichloropropane | 18.3 | | 1.0 | 0.35 |
| 123-91-1 | 1,4-Dioxane | 389 | | 50 | 28 |
| 78-93-3 | 2-Butanone | 90.4 | | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 104 | | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone | 97.9 | | 5.0 | 1.3 |
| 67-64-1 | Acetone | 103 | | 5.0 | 4.4 |
| 71-43-2 | Benzene | 18.2 | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | 18.2 | | 1.0 | 0.34 |
| 75-25-2 | Bromoform | 15.8 | | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 16.0 | | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 18.0 | | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 15.7 | | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 18.7 | | 1.0 | 0.38 |
| 75-00-3 | Chloroethane | 22.0 | | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 18.7 | | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 18.6 | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 18.6 | | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 16.6 | | 1.0 | 0.22 |
| 124-48-1 | Dibromochloromethane | 16.9 | | 1.0 | 0.28 |
| 100-41-4 | Ethylbenzene | 18.6 | | 1.0 | 0.30 |
| 75-09-2 | Methylene Chloride | 18.2 | | 1.0 | 0.32 |
| 100-42-5 | Styrene | 18.2 | | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 18.2 | | 1.0 | 0.25 |
| 108-88-3 | Toluene | 18.3 | | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 17.7 | | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 17.4 | | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 18.4 | | 1.0 | 0.31 |
| 75-01-4 | Vinyl chloride | 17.9 | | 1.0 | 0.17 |
| 1330-20-7 | Xylenes, Total | 37.3 | | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 460-804423/3

Matrix: Water  Lab File ID: P93984.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 23:10

Soil Aliquot Vol:  Dilution Factor: 1

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

% Moisture:  Level: (low/med) Low

Analysis Batch No.: 804423  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 101 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 91 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 92 | | 80-120 |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93984.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Sep-2021 23:10:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0135326-003
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2021 13:06:58 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: boykink Date: 01-Oct-2021 01:23:44

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.692 | 0.692 | 0.000 | 88 | 26123 | 20.0 | 22.5 | a |
| 3 Dichlorodifluoromethane | 85 | 0.699 | 0.699 | 0.000 | 99 | 78636 | 20.0 | 18.2 | |
| 168 Chlorodifluoromethane | 51 | 0.771 | 0.771 | 0.000 | 96 | 96443 | 20.0 | 17.1 | a |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 74 | 77416 | 20.0 | 17.9 | |
| 175 Butadiene | 54 | 0.814 | 0.814 | 0.000 | 97 | 70006 | 20.0 | 17.1 | |
| 6 Chloromethane | 50 | 0.814 | 0.814 | 0.000 | 99 | 88417 | 20.0 | 18.6 | M |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 99 | 36203 | 20.0 | 16.0 | |
| 10 Chloroethane | 64 | 0.993 | 0.993 | 0.000 | 100 | 44850 | 20.0 | 22.0 | |
| 11 Pentane | 72 | 1.043 | 1.043 | 0.000 | 97 | 23502 | 40.0 | 46.7 | |
| 12 Trichlorofluoromethane | 101 | 1.050 | 1.050 | 0.000 | 97 | 99688 | 20.0 | 21.0 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 99 | 101607 | 20.0 | 21.6 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.172 | 1.172 | 0.000 | 97 | 115960 | 20.0 | 19.5 | |
| 15 Ethyl ether | 59 | 1.179 | 1.179 | 0.000 | 96 | 53233 | 20.0 | 21.0 | |
| 17 1,1-Dichloroethene | 96 | 1.265 | 1.265 | 0.000 | 98 | 57158 | 20.0 | 19.0 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.265 | 1.265 | 0.000 | 74 | 26126 | 20.0 | 20.9 | a |
| 16 Ethanol | 46 | 1.287 | 1.279 | 0.008 | 26 | 10147 | 800.0 | 656.0 | a |
| 20 112TCTFE | 101 | 1.287 | 1.287 | 0.000 | 48 | 55173 | 20.0 | 19.7 | |
| 19 Carbon disulfide | 76 | 1.287 | 1.287 | 0.000 | 99 | 215698 | 20.0 | 18.0 | |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.294 | 1.294 | 0.000 | 92 | 89522 | 20.0 | 18.5 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 98 | 43092 | 20.0 | 16.8 | |
| 169 Cyclopentene | 67 | 1.401 | 1.401 | 0.000 | 96 | 140536 | 20.0 | 18.7 | |
| 24 Acrolein | 56 | 1.423 | 1.423 | 0.000 | 95 | 12534 | 40.6 | 68.7 | |
| 164 3-Chloro-1-propene | 76 | 1.487 | 1.487 | 0.000 | 47 | 32143 | 20.0 | 16.6 | |
| 26 Isopropyl alcohol | 45 | 1.509 | 1.509 | 0.000 | 97 | 23505 | 200.0 | 187.3 | |
| 27 Methylene Chloride | 84 | 1.545 | 1.544 | 0.001 | 92 | 68311 | 20.0 | 18.2 | |
| 28 Acetone | 43 | 1.566 | 1.566 | 0.000 | 86 | 55074 | 100.0 | 102.8 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.616 | 1.616 | 0.000 | 97 | 59908 | 20.0 | 17.7 | |
| 30 Methyl acetate | 43 | 1.623 | 1.623 | 0.000 | 100 | 60198 | 40.0 | 41.1 | |
| 31 Hexane | 86 | 1.659 | 1.659 | 0.000 | 88 | 17165 | 20.0 | 19.6 | |
| 32 Methyl tert-butyl ether | 73 | 1.673 | 1.673 | 0.000 | 90 | 156540 | 20.0 | 18.7 | |
| * 33 TBA-d9 (IS) | 65 | 1.688 | 1.695 | -0.007 | 100 | 163560 | 1000.0 | 1000.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 2-Methyl-2-propanol | 59 | 1.731 | 1.731 | 0.000 | 99 | 39165 | 200.0 | 190.6 | |
| 35 Acetonitrile | 41 | 1.817 | 1.809 | 0.008 | 99 | 49151 | 200.0 | 178.0 | |
| 36 Isopropyl ether | 45 | 1.881 | 1.881 | 0.000 | 97 | 195175 | 20.0 | 18.3 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 92 | 53167 | 20.0 | 18.0 | |
| 38 1,1-Dichloroethane | 63 | 1.938 | 1.938 | 0.000 | 99 | 112700 | 20.0 | 18.0 | |
| 39 Acrylonitrile | 53 | 1.974 | 1.974 | 0.000 | 93 | 186473 | 200.0 | 203.4 | |
| 40 Tert-butyl ethyl ether | 59 | 2.089 | 2.089 | 0.000 | 88 | 182670 | 20.0 | 18.1 | |
| 41 Vinyl acetate | 43 | 2.096 | 2.096 | 0.000 | 100 | 240947 | 40.0 | 38.8 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.261 | 2.261 | 0.000 | 98 | 67896 | 20.0 | 18.6 | |
| 43 2,2-Dichloropropane | 97 | 2.318 | 2.325 | -0.007 | 97 | 18294 | 20.0 | 17.1 | |
| 44 Cyclohexane | 56 | 2.383 | 2.383 | 0.000 | 92 | 102338 | 20.0 | 19.5 | |
| 45 Chlorobromomethane | 128 | 2.383 | 2.390 | -0.007 | 88 | 31283 | 20.0 | 18.6 | |
| 46 Chloroform | 83 | 2.440 | 2.440 | 0.000 | 98 | 110114 | 20.0 | 18.7 | |
| 47 Carbon tetrachloride | 117 | 2.519 | 2.519 | 0.000 | 99 | 66238 | 20.0 | 15.7 | |
| 48 Ethyl acetate | 70 | 2.533 | 2.533 | 0.000 | 98 | 10370 | 40.0 | 32.8 | |
| 49 Methyl acrylate | 55 | 2.533 | 2.533 | 0.000 | 87 | 39961 | 20.0 | 18.3 | |
| 50 Tetrahydrofuran | 42 | 2.540 | 2.540 | 0.000 | 88 | 31943 | 40.0 | 36.0 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.562 | 2.562 | 0.000 | 97 | 127937 | 50.0 | 45.7 | |
| 52 1,1,1-Trichloroethane | 97 | 2.562 | 2.562 | 0.000 | 98 | 92265 | 20.0 | 17.8 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 210095 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.640 | 2.648 | -0.008 | 100 | 29257 | 100.0 | 90.4 | |
| 55 1,1-Dichloropropene | 110 | 2.655 | 2.655 | 0.000 | 98 | 30197 | 20.0 | 17.4 | |
| 56 Isooctane | 57 | 2.734 | 2.741 | -0.007 | 99 | 148557 | 20.0 | 20.0 | |
| 57 n-Heptane | 57 | 2.827 | 2.827 | 0.000 | 47 | 37360 | 20.0 | 19.6 | a |
| 58 Benzene | 78 | 2.827 | 2.827 | 0.000 | 96 | 265694 | 20.0 | 18.2 | |
| 59 Propionitrile | 54 | 2.841 | 2.841 | 0.000 | 98 | 58678 | 200.0 | 186.4 | |
| 60 Methacrylonitrile | 67 | 2.855 | 2.855 | 0.000 | 92 | 200815 | 200.0 | 204.9 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.920 | 2.920 | 0.000 | 0 | 149819 | 50.0 | 48.5 | |
| 62 Tert-amyl methyl ether | 73 | 2.934 | 2.934 | 0.000 | 99 | 162989 | 20.0 | 18.8 | |
| 63 1,2-Dichloroethane | 62 | 2.977 | 2.977 | 0.000 | 97 | 78328 | 20.0 | 19.0 | |
| 64 Isobutyl alcohol | 43 | 3.056 | 3.056 | 0.000 | 98 | 38049 | 500.0 | 437.8 | |
| * 66 Fluorobenzene | 96 | 3.142 | 3.142 | 0.000 | 99 | 600877 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.214 | 3.213 | 0.001 | 100 | 91637 | 20.0 | 20.0 | |
| 68 Methylcyclohexane | 83 | 3.264 | 3.264 | 0.000 | 95 | 99083 | 20.0 | 20.1 | |
| 69 Trichloroethene | 130 | 3.285 | 3.285 | 0.000 | 98 | 64333 | 20.0 | 18.4 | |
| 71 Dibromomethane | 93 | 3.629 | 3.629 | 0.000 | 97 | 35033 | 20.0 | 18.4 | |
| 72 n-Butanol | 56 | 3.658 | 3.658 | 0.000 | 89 | 21719 | 500.0 | 387.2 | |
| 73 1,2-Dichloropropane | 63 | 3.715 | 3.715 | 0.000 | 91 | 66066 | 20.0 | 18.3 | |
| 75 Dichlorobromomethane | 83 | 3.794 | 3.794 | 0.000 | 99 | 79502 | 20.0 | 18.2 | |
| 74 Ethyl acrylate | 55 | 3.801 | 3.801 | 0.000 | 98 | 55625 | 20.0 | 18.9 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.958 | 3.966 | -0.008 | 69 | 21016 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 3.987 | 3.987 | 0.000 | 89 | 25095 | 40.0 | 37.9 | |
| 78 1,4-Dioxane | 88 | 3.987 | 3.987 | 0.000 | 35 | 10282 | 400.0 | 389.2 | |
| 79 n-Propyl acetate | 43 | 4.138 | 4.137 | 0.001 | 99 | 56929 | 20.0 | 19.6 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.388 | 4.388 | 0.000 | 97 | 27953 | 20.0 | 16.9 | |
| 81 cis-1,3-Dichloropropene | 75 | 4.410 | 4.410 | 0.000 | 93 | 95558 | 20.0 | 16.6 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.589 | 4.589 | 0.000 | 99 | 510747 | 50.0 | 46.2 | |
| 83 Toluene | 91 | 4.639 | 4.646 | -0.007 | 92 | 266788 | 20.0 | 18.3 | |
| 84 Epichlorohydrin | 57 | 4.675 | 4.675 | 0.000 | 99 | 64856 | 400.0 | 332.1 | |
| 85 2-Nitropropane | 41 | 4.890 | 4.890 | 0.000 | 97 | 20444 | 40.0 | 33.6 | |
| 86 Tetrachloroethene | 166 | 5.054 | 5.054 | 0.000 | 98 | 63294 | 20.0 | 18.2 | |
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.097 | 5.097 | 0.000 | 96 | 196849 | 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 |
|---|---|---|---|---|---|---|---|---|---|
| 88 trans-1,3-Dichloropropene | 75 | 5.133 | 5.133 | 0.000 | 93 | 83221 | 20.0 | 17.4 | |
| 89 1,1,2-Trichloroethane | 83 | 5.298 | 5.298 | 0.000 | 95 | 43963 | 20.0 | 19.2 | |
| 90 Ethyl methacrylate | 69 | 5.391 | 5.391 | 0.000 | 88 | 57716 | 20.0 | 20.9 | |
| 91 Chlorodibromomethane | 129 | 5.491 | 5.491 | 0.000 | 98 | 52761 | 20.0 | 16.9 | |
| 92 1,3-Dichloropropane | 76 | 5.599 | 5.599 | 0.000 | 93 | 92786 | 20.0 | 19.1 | |
| 93 Ethylene Dibromide | 107 | 5.713 | 5.720 | -0.007 | 98 | 51698 | 20.0 | 19.4 | |
| 94 n-Butyl acetate | 43 | 6.079 | 6.079 | 0.000 | 99 | 59872 | 20.0 | 20.7 | |
| 95 2-Hexanone | 43 | 6.129 | 6.136 | -0.007 | 94 | 139547 | 100.0 | 103.7 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 87 | 433517 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.408 | 6.408 | 0.000 | 96 | 171139 | 20.0 | 18.7 | |
| 98 Ethylbenzene | 106 | 6.501 | 6.501 | 0.000 | 98 | 90987 | 20.0 | 18.6 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.523 | 6.523 | 0.000 | 94 | 58873 | 20.0 | 17.4 | |
| 100 m-Xylene & p-Xylene | 106 | 6.709 | 6.716 | -0.007 | 0 | 111050 | 20.0 | 18.7 | |
| 101 o-Xylene | 106 | 7.282 | 7.282 | 0.000 | 94 | 108996 | 20.0 | 18.6 | |
| 102 Bromoform | 173 | 7.347 | 7.347 | 0.001 | 96 | 30652 | 20.0 | 15.8 | |
| 103 Styrene | 104 | 7.375 | 7.375 | 0.000 | 96 | 181379 | 20.0 | 18.2 | |
| 104 n-Butyl acrylate | 73 | 7.712 | 7.712 | 0.000 | 97 | 36284 | 20.0 | 18.0 | |
| 105 Isopropylbenzene | 105 | 7.762 | 7.762 | 0.000 | 96 | 285257 | 20.0 | 18.9 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 89 | 180230 | 50.0 | 50.4 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.127 | 8.127 | 0.000 | 58 | 85006 | 20.0 | 18.4 | |
| 108 Bromobenzene | 156 | 8.228 | 8.228 | 0.000 | 98 | 75788 | 20.0 | 18.8 | |
| 109 N-Propylbenzene | 91 | 8.385 | 8.392 | -0.007 | 99 | 346800 | 20.0 | 18.8 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.543 | 8.543 | 0.000 | 98 | 64740 | 20.0 | 18.7 | |
| 111 2-Chlorotoluene | 91 | 8.550 | 8.550 | 0.000 | 96 | 238960 | 20.0 | 18.5 | |
| 172 4-Ethyltoluene | 105 | 8.579 | 8.579 | 0.000 | 98 | 285705 | 20.0 | 18.4 | |
| 113 1,2,3-Trichloropropane | 110 | 8.657 | 8.665 | -0.007 | 98 | 17799 | 20.0 | 18.2 | |
| 114 1,3,5-Trimethylbenzene | 105 | 8.736 | 8.736 | 0.000 | 93 | 240077 | 20.0 | 18.4 | |
| 115 trans-1,4-Dichloro-2-butene | 53 | 8.801 | 8.801 | 0.000 | 85 | 15798 | 20.0 | 17.5 | |
| 116 4-Chlorotoluene | 91 | 8.815 | 8.815 | 0.000 | 98 | 226998 | 20.0 | 19.4 | |
| 117 tert-Butylbenzene | 119 | 9.187 | 9.187 | 0.000 | 94 | 196409 | 20.0 | 18.3 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.316 | 9.324 | -0.008 | 98 | 246817 | 20.0 | 18.3 | |
| 119 Butyl Methacrylate | 87 | 9.345 | 9.345 | 0.000 | 90 | 77660 | 20.0 | 16.5 | |
| 120 sec-Butylbenzene | 105 | 9.481 | 9.481 | 0.000 | 99 | 293546 | 20.0 | 18.9 | |
| 121 1,3-Dichlorobenzene | 146 | 9.725 | 9.725 | 0.000 | 96 | 143545 | 20.0 | 19.2 | |
| 122 4-Isopropyltoluene | 119 | 9.761 | 9.760 | 0.001 | 98 | 249540 | 20.0 | 18.3 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 95 | 244503 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.882 | 9.882 | 0.000 | 95 | 151952 | 20.0 | 19.3 | |
| 125 1,2,3-Trimethylbenzene | 105 | 9.990 | 9.990 | 0.000 | 99 | 264681 | 20.0 | 18.8 | |
| 165 2,3-Dihydroindene | 117 | 10.154 | 10.162 | -0.008 | 0 | 257351 | 20.0 | 18.5 | |
| 127 Benzyl chloride | 126 | 10.341 | 10.341 | 0.000 | 98 | 20439 | 20.0 | 13.0 | |
| 167 p-Diethylbenzene | 119 | 10.362 | 10.369 | -0.007 | 93 | 125610 | 20.0 | 18.2 | |
| 129 n-Butylbenzene | 91 | 10.448 | 10.448 | 0.000 | 98 | 236700 | 20.0 | 18.7 | |
| 130 1,2-Dichlorobenzene | 146 | 10.541 | 10.541 | 0.000 | 96 | 136376 | 20.0 | 19.6 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.644 | 11.644 | 0.000 | 97 | 225751 | 20.0 | 17.4 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.788 | 11.795 | -0.007 | 94 | 10889 | 20.0 | 17.1 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.845 | 11.845 | 0.000 | 97 | 96530 | 20.0 | 18.8 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.583 | 12.583 | 0.000 | 93 | 83288 | 20.0 | 19.2 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 95 | 30556 | 20.0 | 18.0 | |
| 136 Naphthalene | 128 | 12.891 | 12.898 | -0.007 | 99 | 180592 | 20.0 | 20.9 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.077 | 13.077 | 0.000 | 95 | 63305 | 20.0 | 20.6 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 36.3 | |
| S 140 Xylenes, Total | 100 | | | | 0 | | 40.0 | 37.3 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00131 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 20.00 | Units: uL | |
| GASES Li_00441 | Amount Added: | 20.00 | Units: uL | |
| 524freon_00043 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00222 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 01-Oct-2021 13:06:59 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93984.D

Injection Date: 30-Sep-2021 23:10:30 Instrument ID: CVOAMS13 Operator ID:

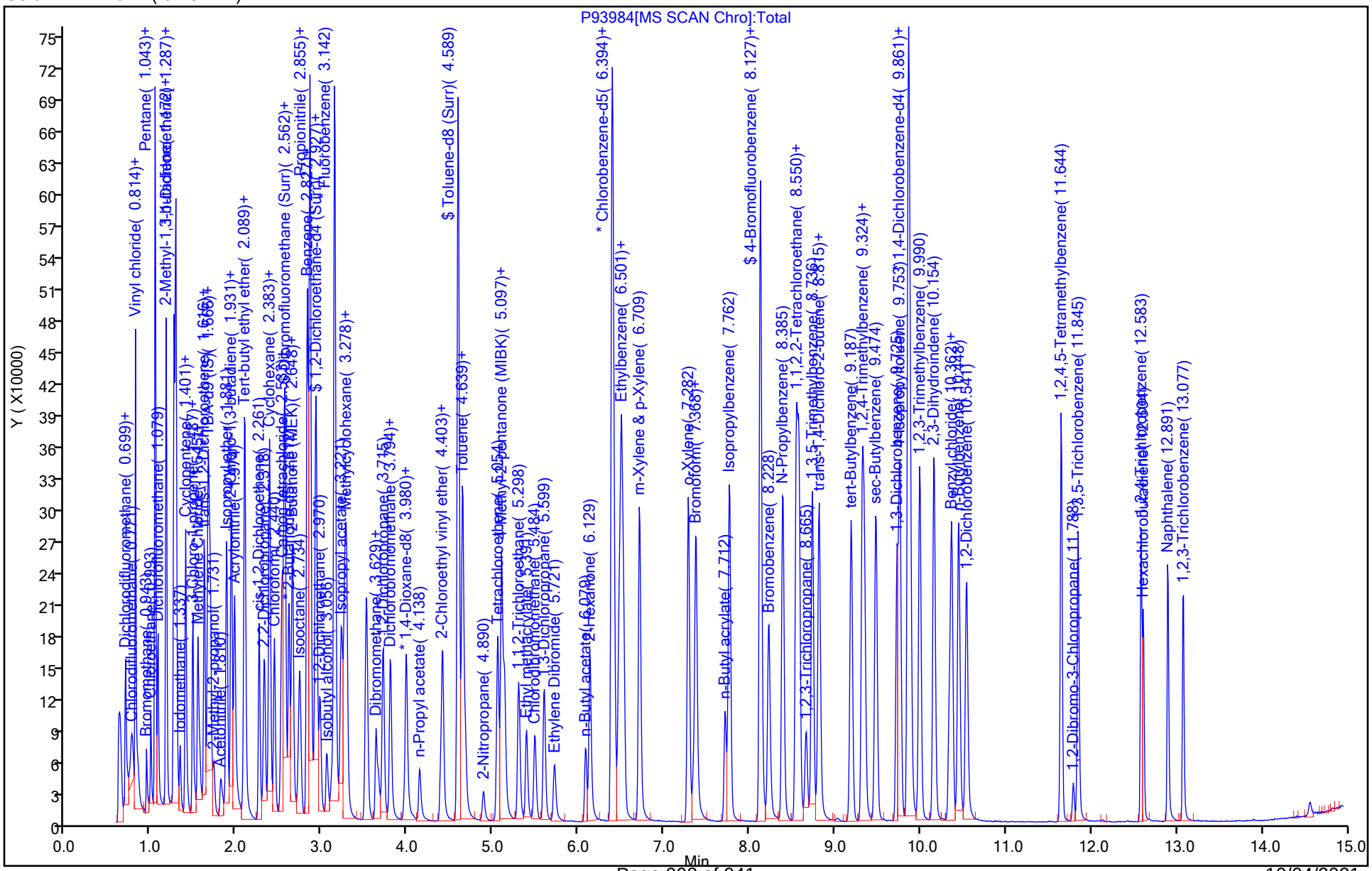
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

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

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

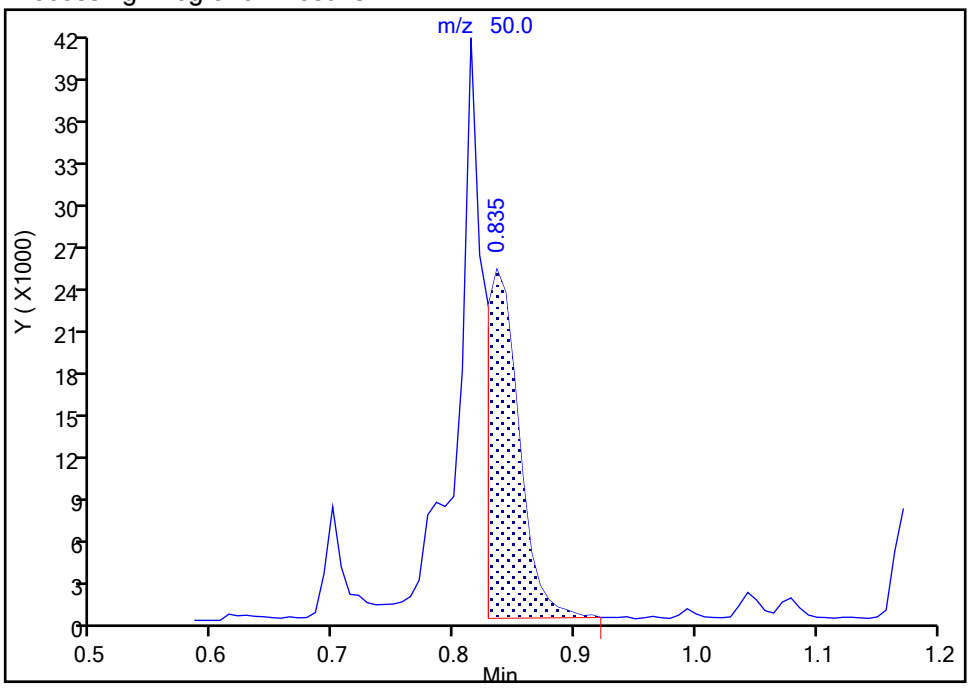
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93984.D
Injection Date: 30-Sep-2021 23:10:30 Instrument ID: CVOAMS13
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

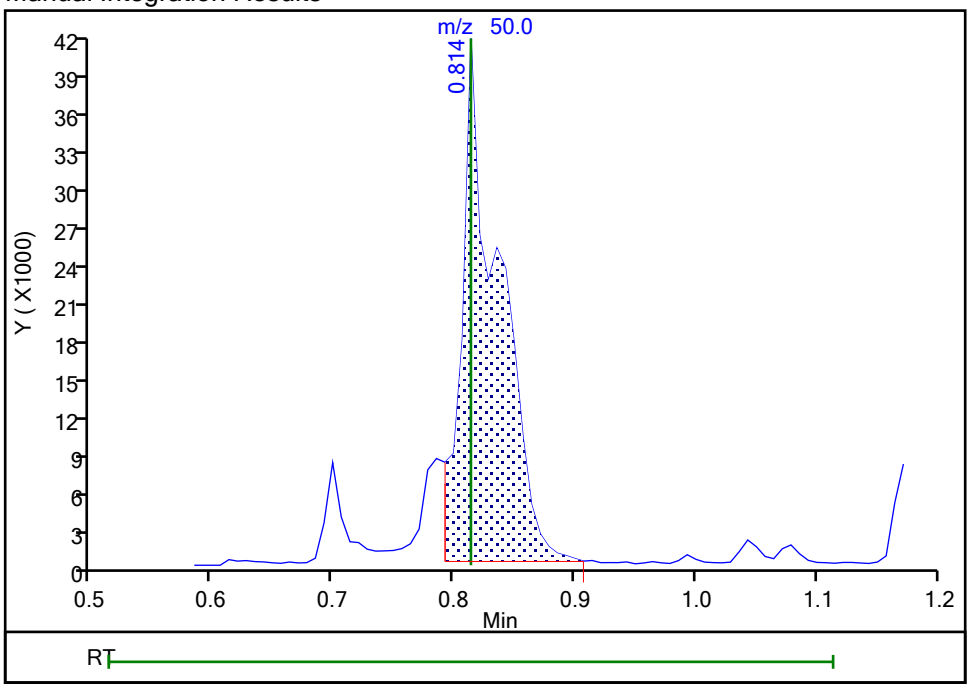
Processing Integration Results

RT: 0.84
Area: 46102
Amount: 9.687890
Amount Units: ug/l




Manual Integration Results

RT: 0.81
Area: 88417
Amount: 18.579978
Amount Units: ug/l




Reviewer: xuyvo, 01-Oct-2021 13:06:46
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCSD 460-804255/6

Matrix: Water  Lab File ID: V08323.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 09:41

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.: 804255  Units: ug/L

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 19.6 | | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 21.4 | | 1.0 | 0.37 |
| 79-00-5 | 1,1,2-Trichloroethane | 18.4 | | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 18.2 | | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 19.7 | | 1.0 | 0.26 |
| 107-06-2 | 1,2-Dichloroethane | 17.8 | | 1.0 | 0.43 |
| 78-87-5 | 1,2-Dichloropropane | 18.6 | | 1.0 | 0.35 |
| 123-91-1 | 1,4-Dioxane | 318 | | 50 | 28 |
| 78-93-3 | 2-Butanone | 105 | | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 109 | | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone | 108 | | 5.0 | 1.3 |
| 67-64-1 | Acetone | 97.4 | | 5.0 | 4.4 |
| 71-43-2 | Benzene | 20.0 | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | 18.7 | | 1.0 | 0.34 |
| 75-25-2 | Bromoform | 18.1 | | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 21.7 | | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 20.8 | | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 19.2 | | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 19.9 | | 1.0 | 0.38 |
| 75-00-3 | Chloroethane | 18.4 | | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 18.6 | | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 16.4 | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 18.7 | | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 19.0 | | 1.0 | 0.22 |
| 124-48-1 | Dibromochloromethane | 20.6 | | 1.0 | 0.28 |
| 100-41-4 | Ethylbenzene | 20.2 | | 1.0 | 0.30 |
| 75-09-2 | Methylene Chloride | 17.7 | | 1.0 | 0.32 |
| 100-42-5 | Styrene | 20.4 | | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 18.5 | | 1.0 | 0.25 |
| 108-88-3 | Toluene | 20.2 | | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 18.7 | | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 19.5 | | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 18.6 | | 1.0 | 0.31 |
| 75-01-4 | Vinyl chloride | 17.2 | | 1.0 | 0.17 |
| 1330-20-7 | Xylenes, Total | 40.7 | | 2.0 | 0.65 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCSD 460-804255/6

Matrix: Water  Lab File ID: V08323.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 09:41

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.: 804255  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 94 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 98 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 99 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 104 | | 80-120 |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08323.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 30-Sep-2021 09:41:30 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0135296-006
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 30-Sep-2021 12:01:04 Calib Date: 20-Sep-2021 17:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20210920-134774.b\V07744.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS Quad
Process Host: CTX1658

First Level Reviewer: tupayachia Date: 30-Sep-2021 11:20:16

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Monochloropentafluoroethane | 119 | 1.183 | 1.183 | 0.000 | 93 | 14449 | 20.0 | 20.2 | |
| 3 Chlorotrifluoroethene | 116 | 1.263 | 1.263 | 0.000 | 90 | 66171 | 20.0 | 18.3 | |
| 4 1,1-Difluoroethane | 65 | 1.286 | 1.286 | 0.000 | 49 | 61944 | 20.0 | 17.2 | |
| 5 Dichlorodifluoromethane | 85 | 1.286 | 1.286 | 0.000 | 99 | 177329 | 20.0 | 21.4 | M |
| 2 Chlorodifluoromethane | 67 | 1.309 | 1.309 | 0.000 | 100 | 26191 | 20.0 | 17.2 | |
| 6 Chloromethane | 50 | 1.435 | 1.435 | 0.000 | 99 | 133868 | 20.0 | 16.4 | |
| 7 Vinyl chloride | 62 | 1.492 | 1.492 | 0.000 | 98 | 165455 | 20.0 | 17.2 | |
| 8 Butadiene | 54 | 1.515 | 1.515 | 0.000 | 94 | 157061 | 20.0 | 17.0 | |
| 9 Bromomethane | 94 | 1.720 | 1.720 | 0.000 | 99 | 138718 | 20.0 | 21.7 | |
| 10 Chloroethane | 64 | 1.789 | 1.789 | 0.000 | 99 | 114228 | 20.0 | 18.4 | |
| 11 Dichlorofluoromethane | 67 | 1.915 | 1.915 | 0.000 | 99 | 241529 | 20.0 | 18.8 | |
| 12 Trichlorofluoromethane | 101 | 1.926 | 1.926 | 0.000 | 96 | 233623 | 20.0 | 19.8 | |
| 13 Pentane | 72 | 1.960 | 1.960 | 0.000 | 94 | 48178 | 40.0 | 34.2 | |
| 17 Ethanol | 46 | 2.075 | 2.075 | 0.000 | 98 | 26150 | 800.0 | 843.0 | |
| 14 Ethyl ether | 74 | 2.109 | 2.109 | 0.000 | 91 | 83081 | 20.0 | 19.0 | |
| 15 2-Methyl-1,3-butadiene | 53 | 2.132 | 2.132 | 0.000 | 97 | 119837 | 20.0 | 17.4 | |
| 16 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.143 | 2.143 | 0.000 | 91 | 122754 | 20.0 | 18.7 | |
| 19 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.189 | 2.189 | 0.000 | 98 | 203022 | 20.0 | 19.7 | |
| 18 112TCTFE | 101 | 2.246 | 2.246 | 0.000 | 95 | 145703 | 20.0 | 20.6 | |
| 52 Acrolein | 56 | 2.257 | 2.258 | -0.001 | 98 | 44552 | 40.6 | 69.4 | |
| 20 1,1-Dichloroethene | 96 | 2.280 | 2.292 | -0.012 | 97 | 134038 | 20.0 | 19.7 | |
| 23 Acetone | 43 | 2.349 | 2.349 | 0.000 | 86 | 217601 | 100.0 | 97.4 | |
| 24 Isopropyl alcohol | 45 | 2.417 | 2.418 | -0.001 | 57 | 78833 | 200.0 | 214.0 | |
| 21 Iodomethane | 142 | 2.417 | 2.418 | -0.001 | 98 | 156139 | 20.0 | 15.3 | |
| 22 Carbon disulfide | 76 | 2.452 | 2.452 | 0.000 | 99 | 409785 | 20.0 | 20.8 | |
| 26 3-Chloro-1-propene | 76 | 2.543 | 2.543 | 0.000 | 84 | 88376 | 20.0 | 19.4 | |
| 30 Methyl acetate | 43 | 2.543 | 2.543 | 0.000 | 96 | 206459 | 40.0 | 34.8 | |
| 25 Cyclopentene | 67 | 2.566 | 2.566 | 0.000 | 95 | 350639 | 20.0 | 19.4 | |
| 27 Acetonitrile | 41 | 2.600 | 2.600 | 0.000 | 98 | 160115 | 200.0 | 252.9 | a |
| * 28 TBA-d9 (IS) | 66 | 2.623 | 2.623 | 0.000 | 100 | 54508 | 1000.0 | 1000.0 | |
| 29 Methylene Chloride | 84 | 2.658 | 2.658 | 0.000 | 87 | 142293 | 20.0 | 17.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 2-Methyl-2-propanol | 59 | 2.680 | 2.680 | 0.000 | 98 | 156880 | 200.0 | 208.6 | |
| 32 Methyl tert-butyl ether | 73 | 2.772 | 2.772 | 0.000 | 96 | 433683 | 20.0 | 19.9 | |
| 33 trans-1,2-Dichloroethene | 96 | 2.818 | 2.818 | 0.000 | 92 | 150614 | 20.0 | 18.7 | |
| 35 Acrylonitrile | 53 | 2.863 | 2.863 | 0.000 | 92 | 574283 | 200.0 | 186.6 | |
| 36 Hexane | 57 | 2.943 | 2.943 | 0.000 | 91 | 175042 | 20.0 | 17.2 | |
| 37 Isopropyl ether | 45 | 3.115 | 3.115 | 0.000 | 92 | 370070 | 20.0 | 18.3 | |
| 38 1,1-Dichloroethane | 63 | 3.160 | 3.160 | 0.000 | 63 | 246435 | 20.0 | 18.2 | |
| 40 Vinyl acetate | 86 | 3.160 | 3.160 | 0.000 | 99 | 71297 | 40.0 | 53.3 | |
| 39 2-Chloro-1,3-butadiene | 88 | 3.206 | 3.195 | 0.011 | 93 | 136686 | 20.0 | 18.8 | |
| 41 Tert-butyl ethyl ether | 59 | 3.400 | 3.401 | 0.000 | 91 | 399846 | 20.0 | 18.7 | |
| * 42 2-Butanone-d5 | 46 | 3.583 | 3.583 | 0.000 | 99 | 344445 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 3.606 | 3.606 | 0.000 | 96 | 55492 | 20.0 | 18.4 | |
| 45 cis-1,2-Dichloroethene | 96 | 3.640 | 3.641 | -0.001 | 97 | 165444 | 20.0 | 18.7 | |
| 47 Ethyl acetate | 70 | 3.640 | 3.641 | -0.001 | 94 | 35390 | 40.0 | 38.9 | |
| 44 2-Butanone (MEK) | 72 | 3.640 | 3.641 | -0.001 | 97 | 102981 | 100.0 | 104.5 | |
| 46 Methyl acrylate | 55 | 3.698 | 3.698 | 0.000 | 98 | 123813 | 20.0 | 18.8 | |
| 48 Propionitrile | 54 | 3.766 | 3.766 | 0.000 | 98 | 223831 | 200.0 | 187.8 | |
| 50 Tetrahydrofuran | 72 | 3.846 | 3.846 | 0.000 | 84 | 49240 | 40.0 | 35.5 | |
| 49 Chlorobromomethane | 128 | 3.846 | 3.846 | 0.000 | 77 | 77181 | 20.0 | 18.2 | |
| 54 Methacrylonitrile | 67 | 3.858 | 3.858 | 0.000 | 90 | 704420 | 200.0 | 186.5 | |
| 51 Chloroform | 83 | 3.892 | 3.892 | 0.000 | 99 | 256554 | 20.0 | 18.6 | |
| 53 Cyclohexane | 84 | 4.018 | 4.018 | 0.000 | 88 | 239221 | 20.0 | 19.0 | |
| 55 1,1,1-Trichloroethane | 97 | 4.029 | 4.029 | 0.000 | 97 | 246490 | 20.0 | 19.6 | |
| $ 56 Dibromofluoromethane (Surr) | 113 | 4.052 | 4.052 | 0.000 | 96 | 220393 | 50.0 | 49.5 | |
| 57 Carbon tetrachloride | 117 | 4.143 | 4.143 | 0.000 | 97 | 202020 | 20.0 | 19.2 | |
| 58 1,1-Dichloropropene | 75 | 4.178 | 4.178 | 0.000 | 97 | 208836 | 20.0 | 19.2 | |
| 61 Isobutyl alcohol | 43 | 4.292 | 4.292 | 0.000 | 96 | 211360 | 500.0 | 533.0 | |
| 64 Isooctane | 57 | 4.326 | 4.338 | -0.012 | 98 | 335759 | 20.0 | 16.8 | |
| 59 Benzene | 78 | 4.372 | 4.372 | 0.000 | 96 | 595805 | 20.0 | 20.0 | |
| $ 60 1,2-Dichloroethane-d4 (Surr) | 65 | 4.383 | 4.383 | 0.000 | 96 | 220723 | 50.0 | 47.1 | |
| 66 Isopropyl acetate | 61 | 4.406 | 4.406 | 0.000 | 96 | 61082 | 20.0 | 17.8 | |
| 62 Tert-amyl methyl ether | 73 | 4.418 | 4.418 | 0.000 | 91 | 432513 | 20.0 | 19.0 | |
| 63 1,2-Dichloroethane | 62 | 4.463 | 4.463 | 0.000 | 98 | 181241 | 20.0 | 17.8 | |
| 65 n-Heptane | 100 | 4.521 | 4.521 | 0.000 | 88 | 36769 | 20.0 | 16.2 | |
| * 67 Fluorobenzene | 96 | 4.658 | 4.658 | 0.000 | 99 | 782630 | 50.0 | 50.0 | |
| 70 n-Butanol | 56 | 4.978 | 4.978 | 0.000 | 87 | 64669 | 500.0 | 477.3 | |
| 69 Trichloroethene | 95 | 5.023 | 5.024 | -0.001 | 98 | 155875 | 20.0 | 18.6 | |
| 71 Ethyl acrylate | 99 | 5.138 | 5.138 | 0.000 | 95 | 26221 | 20.0 | 19.8 | |
| 72 Methylcyclohexane | 83 | 5.138 | 5.138 | 0.000 | 88 | 240940 | 20.0 | 17.7 | |
| 73 1,2-Dichloropropane | 63 | 5.309 | 5.309 | 0.000 | 88 | 134796 | 20.0 | 18.6 | |
| * 68 1,4-Dioxane-d8 | 96 | 5.378 | 5.378 | 0.000 | 85 | 38497 | 1000.0 | 1000.0 | |
| 74 Methyl methacrylate | 100 | 5.389 | 5.389 | 0.000 | 81 | 92812 | 40.0 | 39.7 | |
| 78 1,4-Dioxane | 88 | 5.435 | 5.435 | 0.000 | 33 | 34712 | 400.0 | 318.0 | |
| 77 n-Propyl acetate | 43 | 5.446 | 5.446 | 0.000 | 97 | 196129 | 20.0 | 18.8 | |
| 75 Dibromomethane | 93 | 5.458 | 5.458 | 0.000 | 66 | 88329 | 20.0 | 18.4 | |
| 76 Dichlorobromomethane | 83 | 5.618 | 5.618 | 0.000 | 99 | 185041 | 20.0 | 18.7 | |
| 34 2-Nitropropane | 41 | 5.961 | 5.961 | 0.000 | 95 | 95792 | 40.0 | 32.4 | |
| 79 2-Chloroethyl vinyl ether | 63 | 5.972 | 5.972 | 0.000 | 90 | 83941 | 20.0 | 18.0 | |
| 80 Epichlorohydrin | 57 | 6.086 | 6.086 | 0.000 | 98 | 336105 | 400.0 | 459.2 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.155 | 6.155 | 0.000 | 92 | 230029 | 20.0 | 19.0 | |
| 84 4-Methyl-2-pentanone (MIBK) | 43 | 6.315 | 6.315 | 0.000 | 95 | 643285 | 100.0 | 107.8 | |
| $ 82 Toluene-d8 (Surr) | 98 | 6.406 | 6.407 | -0.001 | 99 | 973960 | 50.0 | 52.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Toluene | 91 | 6.486 | 6.498 | -0.012 | 93 | 661744 | 20.0 | 20.2 | |
| 85 trans-1,3-Dichloropropene | 75 | 6.898 | 6.898 | 0.000 | 97 | 218662 | 20.0 | 19.5 | |
| 86 Ethyl methacrylate | 69 | 6.921 | 6.921 | 0.000 | 88 | 163562 | 20.0 | 18.0 | |
| 87 1,1,2-Trichloroethane | 83 | 7.127 | 7.138 | -0.011 | 94 | 107057 | 20.0 | 18.4 | |
| 88 Tetrachloroethene | 166 | 7.172 | 7.172 | 0.000 | 96 | 157314 | 20.0 | 18.5 | |
| 89 1,3-Dichloropropane | 76 | 7.367 | 7.367 | 0.000 | 92 | 214852 | 20.0 | 19.6 | |
| 91 2-Hexanone | 43 | 7.435 | 7.435 | 0.000 | 95 | 429656 | 100.0 | 109.0 | |
| 92 n-Butyl acetate | 43 | 7.584 | 7.584 | 0.000 | 98 | 191081 | 20.0 | 19.0 | |
| 90 Chlorodibromomethane | 129 | 7.629 | 7.629 | 0.000 | 98 | 143693 | 20.0 | 20.6 | |
| 93 Ethylene Dibromide | 107 | 7.789 | 7.790 | -0.001 | 98 | 144191 | 20.0 | 20.0 | |
| * 94 Chlorobenzene-d5 | 117 | 8.315 | 8.315 | 0.000 | 86 | 567590 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 8.349 | 8.350 | -0.001 | 96 | 408275 | 20.0 | 19.9 | |
| 97 Ethylbenzene | 106 | 8.441 | 8.441 | 0.000 | 98 | 221515 | 20.0 | 20.2 | |
| 96 1,1,1,2-Tetrachloroethane | 131 | 8.464 | 8.464 | 0.000 | 95 | 141514 | 20.0 | 18.8 | |
| 98 m-Xylene & p-Xylene | 106 | 8.578 | 8.578 | 0.000 | 96 | 276611 | 20.0 | 20.4 | |
| 99 n-Butyl acrylate | 73 | 9.001 | 9.001 | 0.000 | 60 | 98938 | 20.0 | 16.5 | |
| 100 o-Xylene | 106 | 9.012 | 9.012 | 0.000 | 94 | 266360 | 20.0 | 20.3 | |
| 101 Styrene | 104 | 9.035 | 9.035 | 0.000 | 96 | 439519 | 20.0 | 20.4 | |
| 102 Amyl acetate (mixed isomers) | 43 | 9.241 | 9.241 | 0.000 | 93 | 208702 | 20.0 | 19.3 | |
| 103 Bromoform | 173 | 9.252 | 9.253 | 0.000 | 95 | 93490 | 20.0 | 18.1 | |
| 104 Isopropylbenzene | 105 | 9.367 | 9.367 | 0.000 | 95 | 702084 | 20.0 | 21.5 | |
| $ 105 4-Bromofluorobenzene | 174 | 9.561 | 9.561 | 0.000 | 0 | 262994 | 50.0 | 49.1 | |
| 107 Bromobenzene | 156 | 9.687 | 9.687 | 0.000 | 93 | 166973 | 20.0 | 20.0 | |
| 108 1,1,2,2-Tetrachloroethane | 83 | 9.744 | 9.744 | 0.000 | 98 | 185285 | 20.0 | 21.4 | |
| 109 N-Propylbenzene | 91 | 9.755 | 9.755 | 0.000 | 99 | 807605 | 20.0 | 21.9 | |
| 115 1,2,3-Trichloropropane | 110 | 9.778 | 9.778 | 0.000 | 95 | 60634 | 20.0 | 23.7 | |
| 112 trans-1,4-Dichloro-2-butene | 53 | 9.801 | 9.801 | 0.000 | 93 | 48851 | 20.0 | 19.1 | |
| 114 2-Chlorotoluene | 91 | 9.858 | 9.858 | 0.000 | 95 | 529810 | 20.0 | 21.0 | |
| 113 4-Ethyltoluene | 105 | 9.858 | 9.858 | 0.000 | 98 | 672250 | 20.0 | 21.7 | |
| 116 1,3,5-Trimethylbenzene | 105 | 9.927 | 9.927 | 0.000 | 93 | 562896 | 20.0 | 21.6 | |
| 110 4-Chlorotoluene | 91 | 9.961 | 9.961 | 0.000 | 98 | 497810 | 20.0 | 21.5 | |
| 117 Butyl Methacrylate | 87 | 10.018 | 10.018 | 0.000 | 90 | 158501 | 20.0 | 18.9 | |
| 118 tert-Butylbenzene | 119 | 10.190 | 10.190 | 0.000 | 95 | 474343 | 20.0 | 21.3 | |
| 119 1,2,4-Trimethylbenzene | 105 | 10.258 | 10.258 | 0.000 | 97 | 566765 | 20.0 | 21.6 | |
| 120 sec-Butylbenzene | 105 | 10.384 | 10.384 | 0.000 | 99 | 684333 | 20.0 | 22.0 | |
| 121 4-Isopropyltoluene | 119 | 10.510 | 10.510 | 0.000 | 98 | 575778 | 20.0 | 20.4 | |
| 122 1,3-Dichlorobenzene | 146 | 10.510 | 10.510 | 0.000 | 72 | 319169 | 20.0 | 20.2 | |
| * 106 1,4-Dichlorobenzene-d4 | 152 | 10.578 | 10.578 | 0.000 | 92 | 269621 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 10.590 | 10.590 | 0.000 | 95 | 322868 | 20.0 | 20.3 | |
| 123 1,2,3-Trimethylbenzene | 105 | 10.613 | 10.613 | 0.000 | 99 | 580036 | 20.0 | 21.3 | |
| 125 Benzyl chloride | 91 | 10.715 | 10.716 | -0.001 | 99 | 370087 | 20.0 | 22.3 | |
| 111 2,3-Dihydroindene | 117 | 10.773 | 10.773 | 0.000 | 93 | 586046 | 20.0 | 22.2 | |
| 126 p-Diethylbenzene | 119 | 10.818 | 10.818 | 0.000 | 94 | 285346 | 20.0 | 20.0 | |
| 127 n-Butylbenzene | 92 | 10.841 | 10.841 | 0.000 | 98 | 266780 | 20.0 | 20.0 | |
| 128 1,2-Dichlorobenzene | 146 | 10.898 | 10.898 | 0.000 | 97 | 298788 | 20.0 | 20.0 | |
| 130 1,2,4,5-Tetramethylbenzene | 119 | 11.436 | 11.436 | 0.000 | 97 | 441889 | 20.0 | 19.4 | |
| 129 1,2-Dibromo-3-Chloropropane | 157 | 11.527 | 11.527 | 0.000 | 94 | 39950 | 20.0 | 17.1 | |
| 132 1,3,5-Trichlorobenzene | 180 | 11.630 | 11.630 | 0.000 | 97 | 187273 | 20.0 | 17.9 | |
| 131 1,2,4-Trichlorobenzene | 180 | 12.098 | 12.099 | 0.000 | 94 | 167000 | 20.0 | 17.1 | |
| 133 Hexachlorobutadiene | 225 | 12.178 | 12.179 | -0.001 | 93 | 58650 | 20.0 | 15.8 | |
| 134 Naphthalene | 128 | 12.281 | 12.281 | 0.000 | 99 | 485172 | 20.0 | 19.1 | |
| 135 1,2,3-Trichlorobenzene | 180 | 12.453 | 12.453 | 0.000 | 96 | 153972 | 20.0 | 16.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.4 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 40.7 | |
| S 138 1,3-Dichloropropene, Total | 1 | | | | 0 | | 40.0 | 38.4 | |
| S 139 Total BTEX | 1 | | | | 0 | | 100.0 | 101.1 | |

## QC Flag Legend

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

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00441 | Amount Added: 20.00 | Units: uL | | |
| ACROLEIN W_00131 | Amount Added: 4.00 | Units: uL | | |
| 8260MIX1COMB_00143 | Amount Added: 20.00 | Units: uL | | |
| 524freon_00042 | Amount Added: 20.00 | Units: uL | | |
| 8260ISNEW_00119 | Amount Added: 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00222 | Amount Added: 1.00 | Units: uL | Run Reagent | |

Report Date: 30-Sep-2021 12:01:05 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20210930-135296.b\V08323.D

Injection Date: 30-Sep-2021 09:41:30 Instrument ID: CVOAMS7

Lims ID: LCSD

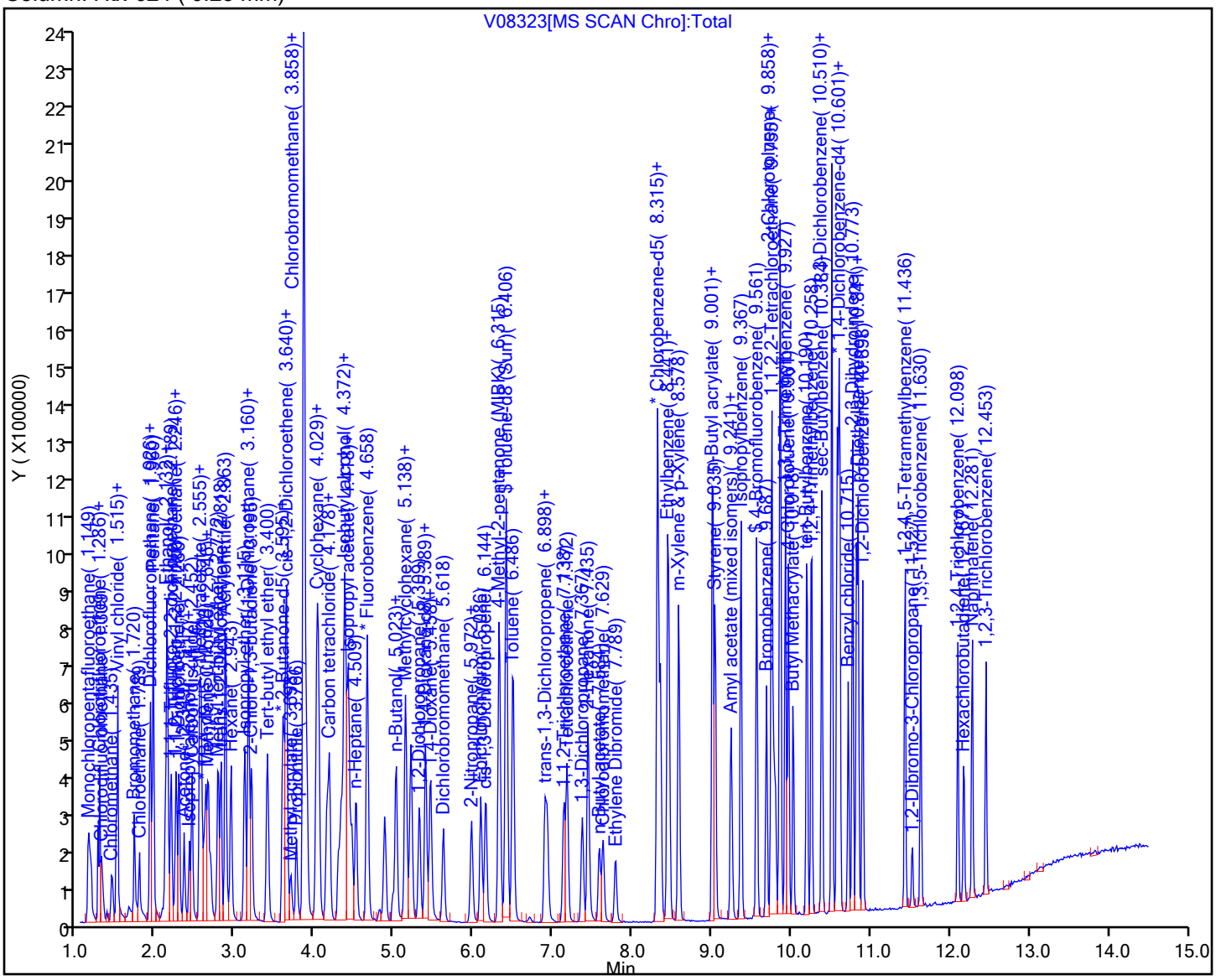
Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D 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.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCSD 460-804423/4

Matrix: Water  Lab File ID: P93985.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 23:35

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.: 804423  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 | 18.4 | | 1.0 | 0.37 |
| 79-00-5 | 1,1,2-Trichloroethane | 19.7 | | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 19.1 | | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 19.8 | | 1.0 | 0.26 |
| 107-06-2 | 1,2-Dichloroethane | 19.6 | | 1.0 | 0.43 |
| 78-87-5 | 1,2-Dichloropropane | 18.7 | | 1.0 | 0.35 |
| 123-91-1 | 1,4-Dioxane | 410 | | 50 | 28 |
| 78-93-3 | 2-Butanone | 89.7 | | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 102 | | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone | 98.6 | | 5.0 | 1.3 |
| 67-64-1 | Acetone | 99.6 | | 5.0 | 4.4 |
| 71-43-2 | Benzene | 18.9 | | 1.0 | 0.20 |
| 75-27-4 | Bromodichloromethane | 18.2 | | 1.0 | 0.34 |
| 75-25-2 | Bromoform | 15.7 | | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 16.6 | | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 18.8 | | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 17.1 | | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 19.2 | | 1.0 | 0.38 |
| 75-00-3 | Chloroethane | 23.2 | | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 19.3 | | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 18.6 | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 19.1 | | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 17.1 | | 1.0 | 0.22 |
| 124-48-1 | Dibromochloromethane | 16.8 | | 1.0 | 0.28 |
| 100-41-4 | Ethylbenzene | 19.2 | | 1.0 | 0.30 |
| 75-09-2 | Methylene Chloride | 18.5 | | 1.0 | 0.32 |
| 100-42-5 | Styrene | 18.5 | | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 18.5 | | 1.0 | 0.25 |
| 108-88-3 | Toluene | 19.2 | | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 18.9 | | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 17.5 | | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 19.1 | | 1.0 | 0.31 |
| 75-01-4 | Vinyl chloride | 18.7 | | 1.0 | 0.17 |
| 1330-20-7 | Xylenes, Total | 38.3 | | 1.0 | 0.30 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCSD 460-804423/4

Matrix: Water  Lab File ID: P93985.D

Analysis Method: 8260D  Date Collected:

Sample wt/vol: 5(mL)  Date Analyzed: 09/30/2021 23:35

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.: 804423  Units: ug/L

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 75-123 |
| 460-00-4 | Bromofluorobenzene | 101 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 91 | | 77-124 |
| 2037-26-5 | Toluene-d8 (Surr) | 92 | | 80-120 |

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93985.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 30-Sep-2021 23:35:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0135326-004
Operator ID: Instrument ID: CVOAMS13

Method: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\8260W_13.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 01-Oct-2021 13:07:39 Calib Date: 12-Sep-2021 13:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS13\20210912-134419.b\P93058.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: boykink Date: 01-Oct-2021 01:25:15

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 173 Chlorotrifluoroethene | 116 | 0.692 | 0.692 | 0.000 | 88 | 28103 | 20.0 | 23.5 | a |
| 3 Dichlorodifluoromethane | 85 | 0.699 | 0.699 | 0.000 | 99 | 84333 | 20.0 | 19.0 | |
| 168 Chlorodifluoromethane | 51 | 0.764 | 0.771 | -0.007 | 96 | 105289 | 20.0 | 18.2 | a |
| 7 Vinyl chloride | 62 | 0.814 | 0.814 | 0.000 | 96 | 83280 | 20.0 | 18.7 | |
| 175 Butadiene | 54 | 0.814 | 0.814 | 0.000 | 96 | 73961 | 20.0 | 17.6 | |
| 6 Chloromethane | 50 | 0.814 | 0.814 | 0.000 | 51 | 91205 | 20.0 | 18.6 | Ma |
| 9 Bromomethane | 94 | 0.943 | 0.943 | 0.000 | 99 | 38008 | 20.0 | 16.6 | |
| 10 Chloroethane | 64 | 0.993 | 0.993 | 0.000 | 99 | 48613 | 20.0 | 23.2 | |
| 11 Pentane | 72 | 1.043 | 1.043 | 0.000 | 97 | 25547 | 40.0 | 49.7 | |
| 12 Trichlorofluoromethane | 101 | 1.043 | 1.050 | -0.007 | 97 | 105637 | 20.0 | 21.6 | |
| 177 Dichlorofluoromethane | 67 | 1.079 | 1.079 | 0.000 | 99 | 105338 | 20.0 | 21.7 | |
| 14 2-Methyl-1,3-butadiene | 67 | 1.172 | 1.172 | 0.000 | 97 | 117213 | 20.0 | 19.2 | |
| 15 Ethyl ether | 59 | 1.179 | 1.179 | 0.000 | 95 | 54227 | 20.0 | 20.7 | |
| 17 1,1-Dichloroethene | 96 | 1.265 | 1.265 | 0.000 | 97 | 61214 | 20.0 | 19.8 | |
| 170 1,2-Dichloro-1,1,2-trifluoroetha | 69 | 1.265 | 1.265 | 0.000 | 81 | 26889 | 20.0 | 20.9 | a |
| 16 Ethanol | 46 | 1.279 | 1.279 | 0.000 | 42 | 10932 | 800.0 | 692.2 | |
| 20 112TCTFE | 101 | 1.287 | 1.287 | 0.000 | 55 | 59537 | 20.0 | 20.6 | |
| 19 Carbon disulfide | 76 | 1.287 | 1.287 | 0.000 | 99 | 231611 | 20.0 | 18.8 | |
| 174 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.294 | 1.294 | 0.000 | 93 | 93355 | 20.0 | 18.7 | a |
| 22 Iodomethane | 142 | 1.337 | 1.337 | 0.000 | 98 | 49741 | 20.0 | 18.8 | |
| 169 Cyclopentene | 67 | 1.401 | 1.401 | 0.000 | 96 | 148636 | 20.0 | 19.2 | |
| 24 Acrolein | 56 | 1.423 | 1.423 | 0.000 | 94 | 14593 | 40.6 | 78.3 | |
| 164 3-Chloro-1-propene | 76 | 1.487 | 1.487 | 0.000 | 46 | 35558 | 20.0 | 17.8 | |
| 26 Isopropyl alcohol | 45 | 1.509 | 1.509 | 0.000 | 97 | 23623 | 200.0 | 184.4 | |
| 27 Methylene Chloride | 84 | 1.544 | 1.544 | 0.000 | 92 | 71381 | 20.0 | 18.5 | |
| 28 Acetone | 43 | 1.566 | 1.566 | 0.000 | 86 | 54135 | 100.0 | 99.6 | |
| 29 trans-1,2-Dichloroethene | 96 | 1.616 | 1.616 | 0.000 | 95 | 65740 | 20.0 | 18.9 | |
| 30 Methyl acetate | 43 | 1.623 | 1.623 | 0.000 | 99 | 62005 | 40.0 | 41.5 | |
| 31 Hexane | 86 | 1.659 | 1.659 | 0.000 | 89 | 16699 | 20.0 | 18.6 | |
| 32 Methyl tert-butyl ether | 73 | 1.673 | 1.673 | 0.000 | 96 | 160761 | 20.0 | 18.7 | |
| * 33 TBA-d9 (IS) | 65 | 1.688 | 1.695 | -0.007 | 100 | 166995 | 1000.0 | 1000.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 2-Methyl-2-propanol | 59 | 1.731 | 1.731 | 0.000 | 99 | 39151 | 200.0 | 186.5 | |
| 35 Acetonitrile | 41 | 1.810 | 1.809 | 0.001 | 97 | 48961 | 200.0 | 173.7 | |
| 36 Isopropyl ether | 45 | 1.881 | 1.881 | 0.000 | 97 | 205425 | 20.0 | 18.7 | |
| 37 2-Chloro-1,3-butadiene | 88 | 1.931 | 1.931 | 0.000 | 91 | 57937 | 20.0 | 19.0 | |
| 38 1,1-Dichloroethane | 63 | 1.938 | 1.938 | 0.000 | 100 | 122670 | 20.0 | 19.1 | |
| 39 Acrylonitrile | 53 | 1.974 | 1.974 | 0.000 | 94 | 193079 | 200.0 | 204.5 | |
| 40 Tert-butyl ethyl ether | 59 | 2.089 | 2.089 | 0.000 | 87 | 191122 | 20.0 | 18.4 | |
| 41 Vinyl acetate | 43 | 2.096 | 2.096 | 0.000 | 100 | 251494 | 40.0 | 39.3 | |
| 42 cis-1,2-Dichloroethene | 96 | 2.261 | 2.261 | 0.000 | 97 | 71515 | 20.0 | 19.1 | |
| 43 2,2-Dichloropropane | 97 | 2.325 | 2.325 | 0.000 | 97 | 19817 | 20.0 | 18.0 | |
| 44 Cyclohexane | 56 | 2.383 | 2.383 | 0.000 | 93 | 110571 | 20.0 | 20.5 | |
| 45 Chlorobromomethane | 128 | 2.383 | 2.390 | -0.007 | 91 | 32775 | 20.0 | 18.9 | |
| 46 Chloroform | 83 | 2.440 | 2.440 | 0.000 | 99 | 117071 | 20.0 | 19.3 | |
| 47 Carbon tetrachloride | 117 | 2.519 | 2.519 | 0.000 | 99 | 74075 | 20.0 | 17.1 | |
| 48 Ethyl acetate | 70 | 2.533 | 2.533 | 0.000 | 97 | 10715 | 40.0 | 33.4 | |
| 49 Methyl acrylate | 55 | 2.533 | 2.533 | 0.000 | 87 | 40411 | 20.0 | 18.0 | |
| 50 Tetrahydrofuran | 42 | 2.540 | 2.540 | 0.000 | 95 | 34028 | 40.0 | 37.7 | |
| $ 51 Dibromofluoromethane (Surr) | 113 | 2.554 | 2.562 | -0.008 | 97 | 130867 | 50.0 | 45.4 | |
| 52 1,1,1-Trichloroethane | 97 | 2.562 | 2.562 | 0.000 | 97 | 98691 | 20.0 | 18.5 | |
| * 53 2-Butanone-d5 | 46 | 2.612 | 2.612 | 0.000 | 99 | 213267 | 250.0 | 250.0 | |
| 54 2-Butanone (MEK) | 72 | 2.648 | 2.648 | 0.000 | 100 | 29448 | 100.0 | 89.7 | |
| 55 1,1-Dichloropropene | 110 | 2.655 | 2.655 | 0.000 | 98 | 33058 | 20.0 | 18.5 | |
| 56 Isooctane | 57 | 2.734 | 2.741 | -0.007 | 99 | 156904 | 20.0 | 20.5 | |
| 57 n-Heptane | 57 | 2.827 | 2.827 | 0.000 | 47 | 40274 | 20.0 | 20.6 | a |
| 58 Benzene | 78 | 2.827 | 2.827 | 0.000 | 96 | 283281 | 20.0 | 18.9 | |
| 59 Propionitrile | 54 | 2.841 | 2.841 | 0.000 | 97 | 61521 | 200.0 | 191.4 | |
| 60 Methacrylonitrile | 67 | 2.855 | 2.855 | 0.000 | 90 | 205210 | 200.0 | 203.4 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 2.920 | 2.920 | 0.000 | 0 | 153541 | 50.0 | 48.3 | |
| 62 Tert-amyl methyl ether | 73 | 2.934 | 2.934 | 0.000 | 99 | 166688 | 20.0 | 18.7 | |
| 63 1,2-Dichloroethane | 62 | 2.977 | 2.977 | 0.000 | 97 | 83301 | 20.0 | 19.6 | |
| 64 Isobutyl alcohol | 43 | 3.049 | 3.056 | -0.007 | 98 | 38646 | 500.0 | 435.5 | |
| * 66 Fluorobenzene | 96 | 3.142 | 3.142 | 0.000 | 99 | 618571 | 50.0 | 50.0 | |
| 67 Isopropyl acetate | 43 | 3.213 | 3.213 | 0.000 | 99 | 93729 | 20.0 | 19.8 | |
| 68 Methylcyclohexane | 83 | 3.264 | 3.264 | 0.000 | 96 | 104069 | 20.0 | 20.5 | |
| 69 Trichloroethene | 130 | 3.285 | 3.285 | 0.000 | 98 | 68716 | 20.0 | 19.1 | |
| 71 Dibromomethane | 93 | 3.629 | 3.629 | 0.000 | 97 | 36645 | 20.0 | 18.7 | |
| 72 n-Butanol | 56 | 3.658 | 3.658 | 0.000 | 86 | 21527 | 500.0 | 376.6 | |
| 73 1,2-Dichloropropane | 63 | 3.715 | 3.715 | 0.000 | 91 | 69441 | 20.0 | 18.7 | |
| 75 Dichlorobromomethane | 83 | 3.794 | 3.794 | 0.000 | 100 | 81716 | 20.0 | 18.2 | |
| 74 Ethyl acrylate | 55 | 3.801 | 3.801 | 0.000 | 98 | 56338 | 20.0 | 18.6 | |
| * 76 1,4-Dioxane-d8 | 96 | 3.958 | 3.966 | -0.008 | 66 | 20765 | 1000.0 | 1000.0 | |
| 77 Methyl methacrylate | 100 | 3.987 | 3.987 | 0.000 | 89 | 24210 | 40.0 | 35.5 | |
| 78 1,4-Dioxane | 88 | 3.987 | 3.987 | 0.000 | 35 | 10702 | 400.0 | 410.0 | |
| 79 n-Propyl acetate | 43 | 4.138 | 4.137 | 0.001 | 98 | 58146 | 20.0 | 19.4 | |
| 80 2-Chloroethyl vinyl ether | 63 | 4.388 | 4.388 | 0.000 | 96 | 28437 | 20.0 | 16.7 | |
| 81 cis-1,3-Dichloropropene | 75 | 4.410 | 4.410 | 0.000 | 92 | 100811 | 20.0 | 17.1 | |
| $ 82 Toluene-d8 (Surr) | 98 | 4.589 | 4.589 | 0.000 | 99 | 521104 | 50.0 | 46.1 | |
| 83 Toluene | 91 | 4.646 | 4.646 | 0.000 | 92 | 286376 | 20.0 | 19.2 | |
| 84 Epichlorohydrin | 57 | 4.675 | 4.675 | 0.000 | 98 | 65809 | 400.0 | 332.0 | |
| 85 2-Nitropropane | 41 | 4.890 | 4.890 | 0.000 | 98 | 19912 | 40.0 | 31.8 | |
| 86 Tetrachloroethene | 166 | 5.054 | 5.054 | 0.000 | 98 | 65799 | 20.0 | 18.5 | |
| 87 4-Methyl-2-pentanone (MIBK) | 43 | 5.097 | 5.097 | 0.000 | 97 | 201329 | 100.0 | 98.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 trans-1,3-Dichloropropene | 75 | 5.133 | 5.133 | 0.000 | 94 | 85389 | 20.0 | 17.5 | |
| 89 1,1,2-Trichloroethane | 83 | 5.298 | 5.298 | 0.000 | 95 | 46028 | 20.0 | 19.7 | |
| 90 Ethyl methacrylate | 69 | 5.391 | 5.391 | 0.000 | 89 | 59987 | 20.0 | 21.1 | |
| 91 Chlorodibromomethane | 129 | 5.491 | 5.491 | 0.000 | 98 | 53831 | 20.0 | 16.8 | |
| 92 1,3-Dichloropropane | 76 | 5.599 | 5.599 | 0.000 | 94 | 94975 | 20.0 | 19.2 | |
| 93 Ethylene Dibromide | 107 | 5.713 | 5.720 | -0.007 | 98 | 52286 | 20.0 | 19.2 | |
| 94 n-Butyl acetate | 43 | 6.079 | 6.079 | 0.000 | 98 | 60180 | 20.0 | 20.4 | |
| 95 2-Hexanone | 43 | 6.129 | 6.136 | -0.007 | 95 | 139017 | 100.0 | 101.8 | |
| * 96 Chlorobenzene-d5 | 117 | 6.394 | 6.394 | 0.000 | 86 | 443164 | 50.0 | 50.0 | |
| 97 Chlorobenzene | 112 | 6.408 | 6.408 | 0.000 | 95 | 179645 | 20.0 | 19.2 | |
| 98 Ethylbenzene | 106 | 6.501 | 6.501 | 0.000 | 98 | 96379 | 20.0 | 19.2 | |
| 99 1,1,1,2-Tetrachloroethane | 131 | 6.523 | 6.523 | 0.000 | 95 | 60861 | 20.0 | 17.6 | |
| 100 m-Xylene & p-Xylene | 106 | 6.709 | 6.716 | -0.007 | 0 | 116865 | 20.0 | 19.3 | |
| 101 o-Xylene | 106 | 7.282 | 7.282 | 0.000 | 94 | 114019 | 20.0 | 19.0 | |
| 102 Bromoform | 173 | 7.347 | 7.347 | 0.001 | 95 | 31210 | 20.0 | 15.7 | |
| 103 Styrene | 104 | 7.375 | 7.375 | 0.000 | 96 | 188908 | 20.0 | 18.5 | |
| 104 n-Butyl acrylate | 73 | 7.712 | 7.712 | 0.000 | 98 | 35909 | 20.0 | 17.5 | |
| 105 Isopropylbenzene | 105 | 7.762 | 7.762 | 0.000 | 96 | 304863 | 20.0 | 19.8 | |
| $ 107 4-Bromofluorobenzene | 174 | 8.127 | 8.127 | 0.000 | 89 | 184021 | 50.0 | 50.4 | |
| 106 Amyl acetate (mixed isomers) | 43 | 8.127 | 8.127 | 0.000 | 58 | 87288 | 20.0 | 18.5 | |
| 108 Bromobenzene | 156 | 8.228 | 8.228 | 0.000 | 99 | 77797 | 20.0 | 18.9 | |
| 109 N-Propylbenzene | 91 | 8.385 | 8.392 | -0.007 | 99 | 364507 | 20.0 | 19.4 | |
| 110 1,1,2,2-Tetrachloroethane | 83 | 8.543 | 8.543 | 0.000 | 94 | 64816 | 20.0 | 18.4 | |
| 111 2-Chlorotoluene | 91 | 8.550 | 8.550 | 0.000 | 97 | 251308 | 20.0 | 19.0 | |
| 172 4-Ethyltoluene | 105 | 8.579 | 8.579 | 0.000 | 99 | 300515 | 20.0 | 19.0 | |
| 113 1,2,3-Trichloropropane | 110 | 8.665 | 8.665 | 0.001 | 98 | 18535 | 20.0 | 18.5 | |
| 114 1,3,5-Trimethylbenzene | 105 | 8.736 | 8.736 | 0.000 | 93 | 254378 | 20.0 | 19.1 | |
| 115 trans-1,4-Dichloro-2-butene | 53 | 8.801 | 8.801 | 0.000 | 68 | 14662 | 20.0 | 15.9 | |
| 116 4-Chlorotoluene | 91 | 8.815 | 8.815 | 0.000 | 98 | 235670 | 20.0 | 19.7 | |
| 117 tert-Butylbenzene | 119 | 9.187 | 9.187 | 0.000 | 94 | 207560 | 20.0 | 18.9 | |
| 118 1,2,4-Trimethylbenzene | 105 | 9.324 | 9.324 | 0.000 | 98 | 262746 | 20.0 | 19.1 | |
| 119 Butyl Methacrylate | 87 | 9.345 | 9.345 | 0.000 | 90 | 80908 | 20.0 | 16.9 | |
| 120 sec-Butylbenzene | 105 | 9.481 | 9.481 | 0.000 | 99 | 312870 | 20.0 | 19.7 | |
| 121 1,3-Dichlorobenzene | 146 | 9.725 | 9.725 | 0.000 | 96 | 150144 | 20.0 | 19.7 | |
| 122 4-Isopropyltoluene | 119 | 9.760 | 9.760 | 0.000 | 98 | 263809 | 20.0 | 18.9 | |
| * 123 1,4-Dichlorobenzene-d4 | 152 | 9.861 | 9.861 | 0.000 | 95 | 249396 | 50.0 | 50.0 | |
| 124 1,4-Dichlorobenzene | 146 | 9.882 | 9.882 | 0.000 | 95 | 158550 | 20.0 | 19.7 | |
| 125 1,2,3-Trimethylbenzene | 105 | 9.990 | 9.990 | 0.000 | 99 | 277957 | 20.0 | 19.3 | |
| 165 2,3-Dihydroindene | 117 | 10.162 | 10.162 | 0.000 | 0 | 267078 | 20.0 | 18.8 | |
| 127 Benzyl chloride | 126 | 10.341 | 10.341 | 0.000 | 98 | 21087 | 20.0 | 13.1 | |
| 167 p-Diethylbenzene | 119 | 10.369 | 10.369 | 0.000 | 94 | 132476 | 20.0 | 18.8 | |
| 129 n-Butylbenzene | 91 | 10.448 | 10.448 | 0.000 | 98 | 249450 | 20.0 | 19.4 | |
| 130 1,2-Dichlorobenzene | 146 | 10.541 | 10.541 | 0.000 | 97 | 144746 | 20.0 | 20.4 | |
| 166 1,2,4,5-Tetramethylbenzene | 119 | 11.644 | 11.644 | 0.000 | 97 | 237928 | 20.0 | 18.0 | |
| 132 1,2-Dibromo-3-Chloropropane | 157 | 11.788 | 11.795 | -0.007 | 94 | 11244 | 20.0 | 17.3 | |
| 133 1,3,5-Trichlorobenzene | 180 | 11.845 | 11.845 | 0.000 | 97 | 102237 | 20.0 | 19.6 | |
| 134 1,2,4-Trichlorobenzene | 180 | 12.583 | 12.583 | 0.000 | 93 | 87956 | 20.0 | 19.9 | |
| 135 Hexachlorobutadiene | 225 | 12.611 | 12.611 | 0.000 | 95 | 32279 | 20.0 | 18.7 | |
| 136 Naphthalene | 128 | 12.898 | 12.898 | 0.000 | 99 | 187125 | 20.0 | 21.2 | |
| 137 1,2,3-Trichlorobenzene | 180 | 13.077 | 13.077 | 0.000 | 95 | 65761 | 20.0 | 21.0 | |
| S 138 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.9 | |
| S 140 Xylenes, Total | 100 | | | | 0 | | 40.0 | 38.3 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00131 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00143 | Amount Added: | 20.00 | Units: uL | |
| GASES Li_00441 | Amount Added: | 20.00 | Units: uL | |
| 524freon_00043 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00155 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00222 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 01-Oct-2021 13:07:40 Chrom Revision: 2.3 13-May-2021 07:57:40

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93985.D

Injection Date: 30-Sep-2021 23:35:30 Instrument ID: CVOAMS13 Operator ID:

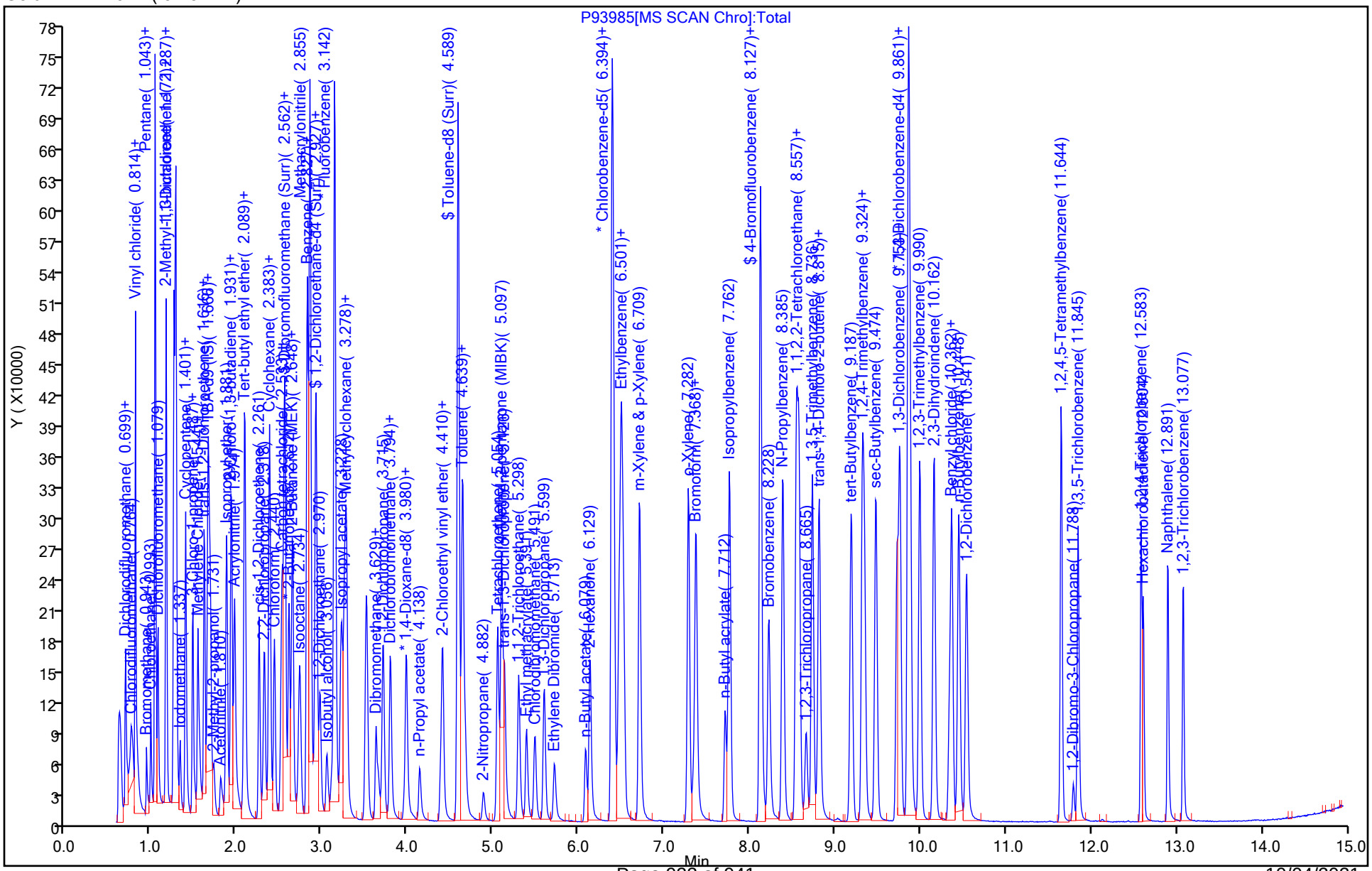
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

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

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

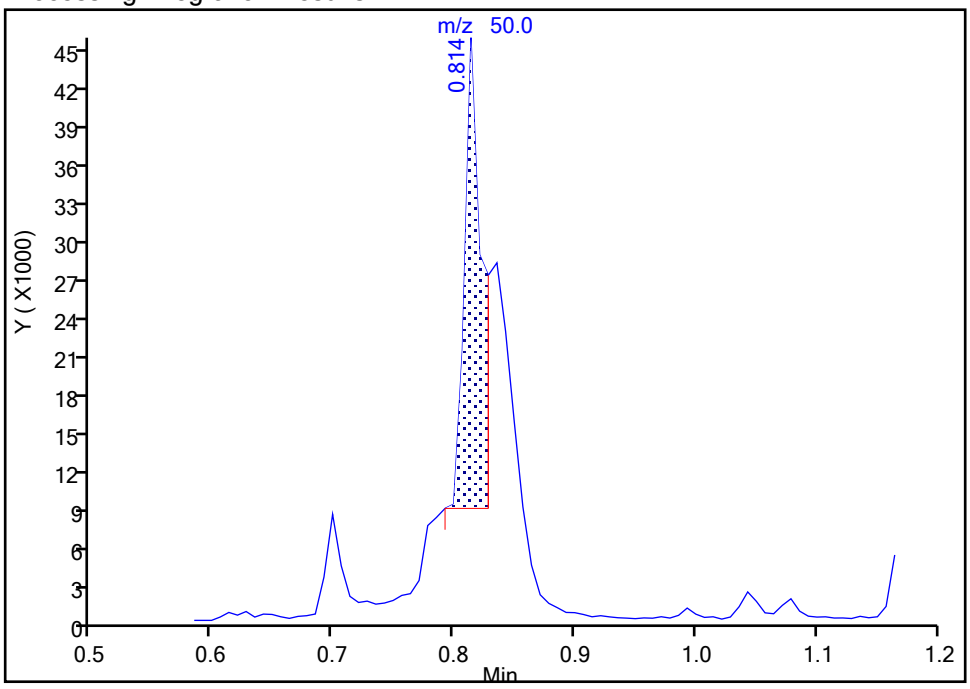
Data File: \\chromfs\Edison\ChromData\CVOAMS13\20210930-135326.b\P93985.D
Injection Date: 30-Sep-2021 23:35:30 Instrument ID: CVOAMS13
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_13 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 6 Chloromethane, CAS: 74-87-3

Signal: 1

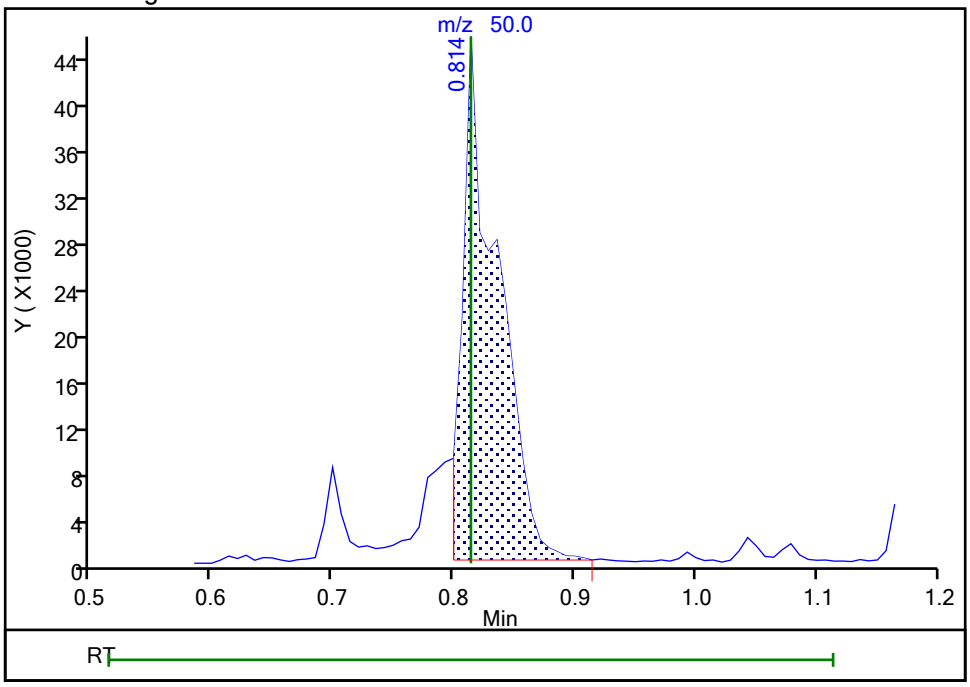
Processing Integration Results

RT: 0.81
Area: 37616
Amount: 7.678530
Amount Units: ug/l




Manual Integration Results

RT: 0.81
Area: 91205
Amount: 18.617617
Amount Units: ug/l




Reviewer: xuyvo, 01-Oct-2021 13:07:20
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 09/12/2021 10:15

Analysis Batch Number: 800842 End Date: 09/12/2021 23:07

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-800842/1 | | 09/12/2021 10:15 | 1 | P93050.D | Rtx-624 0.25(mm) |
| STD7 460-800842/3 IC | | 09/12/2021 11:04 | 1 | P93052.D | Rtx-624 0.25(mm) |
| STD1 460-800842/4 IC | | 09/12/2021 11:29 | 1 | P93053.D | Rtx-624 0.25(mm) |
| STD5 460-800842/5 IC | | 09/12/2021 11:54 | 1 | P93054.D | Rtx-624 0.25(mm) |
| STD20 460-800842/6 ICIS | | 09/12/2021 12:34 | 1 | P93055.D | Rtx-624 0.25(mm) |
| STD50 460-800842/7 IC | | 09/12/2021 12:59 | 1 | P93056.D | Rtx-624 0.25(mm) |
| STD200 460-800842/8 IC | | 09/12/2021 13:24 | 1 | P93057.D | Rtx-624 0.25(mm) |
| STD500 460-800842/9 IC | | 09/12/2021 13:49 | 1 | P93058.D | Rtx-624 0.25(mm) |
| ICV 460-800842/16 | | 09/12/2021 16:50 | 1 | P93065.D | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 17:16 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 17:41 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 19:21 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 19:46 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 20:11 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 20:36 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 21:01 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 21:26 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 22:17 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 22:42 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/12/2021 23:07 | 1 | | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Instrument ID: CVOAMS13 Start Date: 09/30/2021 22:45

Analysis Batch Number: 804423 End Date: 10/01/2021 10:05

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-804423/2 | | 09/30/2021 22:45 | 1 | P93983.D | Rtx-624 0.25(mm) |
| LCS 460-804423/3 | | 09/30/2021 23:10 | 1 | P93984.D | Rtx-624 0.25(mm) |
| LCSD 460-804423/4 | | 09/30/2021 23:35 | 1 | P93985.D | Rtx-624 0.25(mm) |
| MB 460-804423/8 | | 10/01/2021 01:16 | 1 | P93989.D | Rtx-624 0.25(mm) |
| ZZZZZ | | 10/01/2021 01:41 | 1 | | Rtx-624 0.25(mm) |
| 460-243332-2 | MW-43 | 10/01/2021 02:06 | 1 | P93991.D | Rtx-624 0.25(mm) |
| 460-243332-3 | PZ-23 | 10/01/2021 02:31 | 1 | P93992.D | Rtx-624 0.25(mm) |
| ZZZZZ | | 10/01/2021 03:22 | 50 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 10/01/2021 03:47 | 100 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 10/01/2021 07:09 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 10/01/2021 07:34 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 10/01/2021 07:59 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 10/01/2021 08:50 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 10/01/2021 10:05 | 2 | | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 09/20/2021 11:25

Analysis Batch Number: 802292 End Date: 09/20/2021 17:31

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-802292/1 | | 09/20/2021 11:25 | 1 | V07729.D | Rtx-624 0.25(mm) |
| STD8 460-802292/2 IC | | 09/20/2021 12:12 | 1 | V07730.D | Rtx-624 0.25(mm) |
| STD1 460-802292/5 IC | | 09/20/2021 13:15 | 1 | V07733.D | Rtx-624 0.25(mm) |
| STD5 460-802292/6 IC | | 09/20/2021 13:37 | 1 | V07734.D | Rtx-624 0.25(mm) |
| STD20 460-802292/7 ICIS | | 09/20/2021 13:58 | 1 | V07735.D | Rtx-624 0.25(mm) |
| STD50 460-802292/8 IC | | 09/20/2021 14:19 | 1 | V07736.D | Rtx-624 0.25(mm) |
| STD200 460-802292/9 IC | | 09/20/2021 14:40 | 1 | V07737.D | Rtx-624 0.25(mm) |
| STD500 460-802292/10 IC | | 09/20/2021 15:02 | 1 | V07738.D | Rtx-624 0.25(mm) |
| STD05 460-802292/16 IC | | 09/20/2021 17:09 | 1 | V07744.D | Rtx-624 0.25(mm) |
| ICV 460-802292/17 | | 09/20/2021 17:31 | 1 | V07745.D | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-243332-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 09/30/2021 07:52

Analysis Batch Number: 804255 End Date: 09/30/2021 17:45

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| ZZZZZ | | 09/30/2021 07:52 | 1 | | Rtx-624 0.25(mm) |
| CCVIS 460-804255/4 | | 09/30/2021 08:57 | 1 | V08321.D | Rtx-624 0.25(mm) |
| LCS 460-804255/5 | | 09/30/2021 09:20 | 1 | V08322.D | Rtx-624 0.25(mm) |
| LCSD 460-804255/6 | | 09/30/2021 09:41 | 1 | V08323.D | Rtx-624 0.25(mm) |
| MB 460-804255/9 | | 09/30/2021 10:44 | 1 | V08326.D | Rtx-624 0.25(mm) |
| 460-243332-1 | TB | 09/30/2021 11:05 | 1 | V08327.D | Rtx-624 0.25(mm) |
| 460-243332-4 | FB | 09/30/2021 11:26 | 1 | V08328.D | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/30/2021 11:47 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/30/2021 12:08 | 20 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/30/2021 12:29 | 200 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/30/2021 13:11 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/30/2021 13:53 | 10 | | Rtx-624 0.25(mm) |
| ZZZZZ | | 09/30/2021 15:39 | 10 | | Rtx-624 0.25(mm) |
| 460-243332-5 | MW-36 | 09/30/2021 16:21 | 1 | V08342.D | Rtx-624 0.25(mm) |
| 460-243332-6 | MW-31 | 09/30/2021 16:42 | 1 | V08343.D | Rtx-624 0.25(mm) |
| 460-243332-7 | MW-24 | 09/30/2021 17:03 | 1 | V08344.D | Rtx-624 0.25(mm) |
| 460-243332-8 | MW-71 | 09/30/2021 17:24 | 1 | V08345.D | Rtx-624 0.25(mm) |
| 460-243332-9 | MW-54 | 09/30/2021 17:45 | 1 | V08346.D | Rtx-624 0.25(mm) |

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Batch Number: 800842  Batch Start Date: 09/12/21 10:15  Batch Analyst: Boykin, Kenneth

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | 14DIOXINTER 00133 | 524freon 00042 | 8260 SP 00144 | 8260ISNEW 00155 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-800842/1 | | 8260D | | 5 mL | 5 mL | | | | |
| STD7 460-800842/3 IC | | 8260D | | 5 mL | 5 mL | | | | 1 uL |
| STD1 460-800842/4 IC | | 8260D | | 5 mL | 5 mL | 30 uL | 10 uL | | 1 uL |
| STD5 460-800842/5 IC | | 8260D | | 5 mL | 5 mL | | 10 uL | | 1 uL |
| STD20 460-800842/6 ICIS | | 8260D | | 5 mL | 5 mL | | 20 uL | | 1 uL |
| STD50 460-800842/7 IC | | 8260D | | 5 mL | 5 mL | | 50 uL | | 1 uL |
| STD200 460-800842/8 IC | | 8260D | | 5 mL | 5 mL | | | | 1 uL |
| STD500 460-800842/9 IC | | 8260D | | 5 mL | 5 mL | | | | 1 uL |
| ICV 460-800842/16 | | 8260D | | 5 mL | 5 mL | | | 20 uL | 1 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260MIX1COMB 00143 | 8260SURR250 00220 | 8FreonHi 00036 | 8FreonsSS 00036 | ACROLEIN SP 00128 | ACROLEIN W 00130 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-800842/1 | | 8260D | | | | | | | |
| STD7 460-800842/3 IC | | 8260D | | | 1 uL | | | | |
| STD1 460-800842/4 IC | | 8260D | | 10 uL | 1 uL | | | | 4 uL |
| STD5 460-800842/5 IC | | 8260D | | 10 uL | 1 uL | | | | 4 uL |
| STD20 460-800842/6 ICIS | | 8260D | | 20 uL | 1 uL | | | | 4 uL |
| STD50 460-800842/7 IC | | 8260D | | 50 uL | 1 uL | | | | 10 uL |
| STD200 460-800842/8 IC | | 8260D | | | 1 uL | 20 uL | | | 20 uL |
| STD500 460-800842/9 IC | | 8260D | | | 1 uL | 50 uL | | | 40 uL |
| ICV 460-800842/16 | | 8260D | | | 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.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Batch Number: 800842  Batch Start Date: 09/12/21 10:15  Batch Analyst: Boykin, Kenneth

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | ACRY/EPIH MIX 00089 | BFB 00030 | Ethanol mix 00056 | GAS C SP 00426 | GAS Hi 00396 | GASES Li 00438 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-800842/1 | | 8260D | | | 1 uL | | | | |
| STD7 460-800842/3 IC | | 8260D | | 20 uL | | | | | 2.5 uL |
| STD1 460-800842/4 IC | | 8260D | | | | | | | 10 uL |
| STD5 460-800842/5 IC | | 8260D | | | | | | | 10 uL |
| STD20 460-800842/6 ICIS | | 8260D | | | | | | | 20 uL |
| STD50 460-800842/7 IC | | 8260D | | | | | | | 50 uL |
| STD200 460-800842/8 IC | | 8260D | | | | 20 uL | | 20 uL | |
| STD500 460-800842/9 IC | | 8260D | | | | 50 uL | | 50 uL | |
| ICV 460-800842/16 | | 8260D | | | | | 20 uL | | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | MIX 2 Hi 00115 | MIX I Hi 00142 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-800842/1 | | 8260D | | | | | | | |
| STD7 460-800842/3 IC | | 8260D | | | | | | | |
| STD1 460-800842/4 IC | | 8260D | | | | | | | |
| STD5 460-800842/5 IC | | 8260D | | | | | | | |
| STD20 460-800842/6 ICIS | | 8260D | | | | | | | |
| STD50 460-800842/7 IC | | 8260D | | | | | | | |
| STD200 460-800842/8 IC | | 8260D | | 20 uL | 20 uL | | | | |
| STD500 460-800842/9 IC | | 8260D | | 50 uL | 50 uL | | | | |
| ICV 460-800842/16 | | 8260D | | | | | | | |

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.: 460-243332-1

SDG No.:

Batch Number: 800842  Batch Start Date: 09/12/21 10:15  Batch Analyst: Boykin, Kenneth

Batch Method: 8260D  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.: 460-243332-1

SDG No.:

Batch Number: 802292  Batch Start Date: 09/20/21 11:25  Batch Analyst: Martinez, Eddie

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | 14DIOXINTER 00133 | 524freon 00042 | 8260 SP 00144 | 8260ISNEW 00119 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-802292/1 | | 8260D | | 5 mL | 5 mL | | | | |
| STD8 460-802292/2 IC | | 8260D | | 5 mL | 5 mL | | | | 1 uL |
| STD1 460-802292/5 IC | | 8260D | | 5 mL | 5 mL | 30 uL | 10 uL | | 1 uL |
| STD5 460-802292/6 IC | | 8260D | | 5 mL | 5 mL | | 10 uL | | 1 uL |
| STD20 460-802292/7 ICIS | | 8260D | | 5 mL | 5 mL | | 20 uL | | 1 uL |
| STD50 460-802292/8 IC | | 8260D | | 5 mL | 5 mL | | 50 uL | | 1 uL |
| STD200 460-802292/9 IC | | 8260D | | 5 mL | 5 mL | | | | 1 uL |
| STD500 460-802292/10 IC | | 8260D | | 5 mL | 5 mL | | | | 1 uL |
| STD05 460-802292/16 IC | | 8260D | | 5 mL | 5 mL | 15 uL | 5 uL | | 1 uL |
| ICV 460-802292/17 | | 8260D | | 5 mL | 5 mL | | | 20 uL | 1 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260MIX1COMB 00143 | 8260SURR250 00220 | 8FreonHi 00036 | 8FreonsSS 00036 | ACROLEIN SP 00128 | ACROLEIN W 00130 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-802292/1 | | 8260D | | | | | | | |
| STD8 460-802292/2 IC | | 8260D | | | 1 uL | | | | |
| STD1 460-802292/5 IC | | 8260D | | 10 uL | 1 uL | | | | 4 uL |
| STD5 460-802292/6 IC | | 8260D | | 10 uL | 1 uL | | | | 4 uL |
| STD20 460-802292/7 ICIS | | 8260D | | 20 uL | 1 uL | | | | 4 uL |
| STD50 460-802292/8 IC | | 8260D | | 50 uL | 1 uL | | | | 10 uL |
| STD200 460-802292/9 IC | | 8260D | | | 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.: 460-243332-1

SDG No.:

Batch Number: 802292  Batch Start Date: 09/20/21 11:25  Batch Analyst: Martinez, Eddie

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260MIX1COMB 00143 | 8260SURR250 00220 | 8FreonHi 00036 | 8FreonsSS 00036 | ACROLEIN SP 00128 | ACROLEIN W 00130 |
|---|---|---|---|---|---|---|---|---|---|
| STD500 460-802292/10 IC | | 8260D | | | 1 uL | 50 uL | | | 40 uL |
| STD05 460-802292/16 IC | | 8260D | | 5 uL | 1 uL | | | | 5 uL |
| ICV 460-802292/17 | | 8260D | | | 1 uL | | 20 uL | 4 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | ACRY/EPIH MIX 00090 | BFB 00030 | Ethanol mix 00056 | GAS C SP 00427 | GAS Hi 00397 | GASES Li 00439 |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-802292/1 | | 8260D | | | 1 uL | | | | |
| STD8 460-802292/2 IC | | 8260D | | 20 uL | | | | | 2.5 uL |
| STD1 460-802292/5 IC | | 8260D | | | | | | | 10 uL |
| STD5 460-802292/6 IC | | 8260D | | | | | | | 10 uL |
| STD20 460-802292/7 ICIS | | 8260D | | | | | | | 20 uL |
| STD50 460-802292/8 IC | | 8260D | | | | | | | 50 uL |
| STD200 460-802292/9 IC | | 8260D | | | | 20 uL | | 20 uL | |
| STD500 460-802292/10 IC | | 8260D | | | | 50 uL | | 50 uL | |
| STD05 460-802292/16 IC | | 8260D | | | | | | | 5 uL |
| ICV 460-802292/17 | | 8260D | | | | | 20 uL | | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | MIX 2 Hi 00115 | MIX I Hi 00142 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| BFB 460-802292/1 | | 8260D | | | | | | | |
| STD8 460-802292/2 IC | | 8260D | | | | | | | |

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.: 460-243332-1

SDG No.:

Batch Number: 802292  Batch Start Date: 09/20/21 11:25  Batch Analyst: Martinez, Eddie

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | MIX 2 Hi 00115 | MIX I Hi 00142 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| STD1 460-802292/5 IC | | 8260D | | | | | | | |
| STD5 460-802292/6 IC | | 8260D | | | | | | | |
| STD20 460-802292/7 ICIS | | 8260D | | | | | | | |
| STD50 460-802292/8 IC | | 8260D | | | | | | | |
| STD200 460-802292/9 IC | | 8260D | | 20 uL | 20 uL | | | | |
| STD500 460-802292/10 IC | | 8260D | | 50 uL | 50 uL | | | | |
| STD05 460-802292/16 IC | | 8260D | | | | | | | |
| ICV 460-802292/17 | | 8260D | | | | | | | |

| 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.: 460-243332-1

SDG No.:

Batch Number: 804255  Batch Start Date: 09/30/21 07:52  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | Initial pH | 524freon 00042 | 8260ISNEW 00119 | 8260MIX1COMB 00143 |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-804255/4 | | 8260D | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| LCS 460-804255/5 | | 8260D | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| LCSD 460-804255/6 | | 8260D | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| MB 460-804255/9 | | 8260D | | 5 mL | 5 mL | | | 1 uL | |
| 460-243332-A-1 | TB | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-243332-A-4 | FB | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-243332-B-5 | MW-36 | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-243332-B-6 | MW-31 | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-243332-B-7 | MW-24 | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-243332-B-8 | MW-71 | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-243332-B-9 | MW-54 | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260SURR250 00222 | ACROLEIN W 00131 | GASES Li 00441 | | | |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-804255/4 | | 8260D | | 1 uL | 4 uL | 20 uL | | | |
| LCS 460-804255/5 | | 8260D | | 1 uL | 4 uL | 20 uL | | | |
| LCSD 460-804255/6 | | 8260D | | 1 uL | 4 uL | 20 uL | | | |
| MB 460-804255/9 | | 8260D | | 1 uL | | | | | |
| 460-243332-A-1 | TB | 8260D | T | 1 uL | | | | | |
| 460-243332-A-4 | FB | 8260D | T | 1 uL | | | | | |
| 460-243332-B-5 | MW-36 | 8260D | T | 1 uL | | | | | |
| 460-243332-B-6 | MW-31 | 8260D | T | 1 uL | | | | | |
| 460-243332-B-7 | MW-24 | 8260D | T | 1 uL | | | | | |
| 460-243332-B-8 | MW-71 | 8260D | T | 1 uL | | | | | |
| 460-243332-B-9 | MW-54 | 8260D | T | 1 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.: 460-243332-1

SDG No.:

Batch Number: 804255  Batch Start Date: 09/30/21 07:52  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison  Job No.: 460-243332-1

SDG No.:

Batch Number: 804423  Batch Start Date: 09/30/21 22:45  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | Initial pH | 524freon 00043 | 8260ISNEW 00155 | 8260MIX1COMB 00143 |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-804423/2 | | 8260D | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| LCS 460-804423/3 | | 8260D | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| LCSD 460-804423/4 | | 8260D | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| MB 460-804423/8 | | 8260D | | 5 mL | 5 mL | | | 1 uL | |
| 460-243332-B-2 | MW-43 | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |
| 460-243332-B-3 | PZ-23 | 8260D | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Basis | 8260SURR250 00222 | ACROLEIN W 00131 | GASES Li 00441 | | | |
|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-804423/2 | | 8260D | | 1 uL | 4 uL | 20 uL | | | |
| LCS 460-804423/3 | | 8260D | | 1 uL | 4 uL | 20 uL | | | |
| LCSD 460-804423/4 | | 8260D | | 1 uL | 4 uL | 20 uL | | | |
| MB 460-804423/8 | | 8260D | | 1 uL | | | | | |
| 460-243332-B-2 | MW-43 | 8260D | T | 1 uL | | | | | |
| 460-243332-B-3 | PZ-23 | 8260D | T | 1 uL | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Shipping and Receiving Documents

# Chain of Custody Record

505908

eurofins | Environment Testing TestAmerica

Address: _____

**Regulatory Program:** ☐ DW ☐ NPDES ☐ RCRA ☒ Other: NYSDEC

TAL-8210

| Client Contact | Project Manager: Bruce Monsmidlo | Site Contact: | Date: 9/21/21 | COC No: |
|---|---|---|---|---|
| Company Name: ECM, LLC | Tel/Email: btmonsme.rr.com | Lab Contact: Grace C. | Carrier: | 1 of 1 COCs |
| Address: 349 RT 206 | **Analysis Turnaround Time** | | | Sampler: HW |
| City/State/Zip: Hillsborough, NJ 08844 | ☒ CALENDAR DAYS ☐ WORKING DAYS | | | **For Lab Use Only:** |
| Phone: 908 874-0990 | TAT if different from Below _____ | | | Walk-in Client: |
| Fax: 908-874-0920 | ☒ 2 weeks | | | Lab Sampling: |
| Project Name: | ☐ 1 week | | | |
| Site: | ☐ 2 days | | | Job / SDG No.: 243332 |
| PO # | ☐ 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 VOCs with Sloran list MIBK & 1,4-dioxane | Sample Specific Notes: |
|---|---|---|---|---|---|---|---|---|---|
| TB | 9/21/21 | — | G | Aq | 2 | N | N | X | 1 |
| MW-43 | 9/21/21 | 0935 | | GW | 3 | | | | 2 |
| PZ-23 | | 1011 | | | | | | | 3 |
| FB | | 1055 | | Aq | 2 | | | | 4 |
| MW-36 | | 1100 | | GW | 3 | | | | 5 |
| MW-31 | | 1130 | | | | | | | 6 |
| MW-24 | | 1220 | | | | | | | 7 |
| MW-71 | | 1247 | | | | | | | 8 |
| MW-54 | | 1315 | | | | | | | 9 |

460-243332 Chain of Custody

**Preservation Used:** 1= Ice, 2= HCl; 3= $H_2SO_4$; 4=$HNO_3$; 5=NaOH; 6= Other _____

**Possible Hazard Identification:**
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

**Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)**

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

**Special Instructions/QC Requirements & Comments:**

ID# 9 - 4.9 = 4.4

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: |
|---|---|---|---|---|---|
| | ECM, LLC | 9/21/21 1455 | | ETA | 9/21/21 14:55 |
| Relinquished by: | Company: | Date/Time: | Received by: | Company: | Date/Time: |
| Relinquished by: | Company: | Date/Time: | Received in Laboratory by: | Company: | Date/Time: |

**Eurofins TestAmerica Edison**
**Receipt Temperature and pH Log**



**Job Number:** 243332

**Number of Coolers:** 1 **IR Gun #** 9

## Cooler Temperatures

| | RAW | CORRECTED | | RAW | CORRECTED | | RAW | CORRECTED |
|---|---|---|---|---|---|---|---|---|
| **Cooler #1:** | 4.9 ℃ | 4.4 ℃ | **Cooler #4:** | ℃ | ℃ | **Cooler #7:** | ℃ | ℃ |
| **Cooler #2:** | ℃ | ℃ | **Cooler #5:** | ℃ | ℃ | **Cooler #8:** | ℃ | ℃ |
| **Cooler #3:** | ℃ | ℃ | **Cooler #6:** | ℃ | ℃ | **Cooler #9:** | ℃ | ℃ |

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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**If pH adjustments are required record the information below:**

**Sample No(s). adjusted:** _____

**Preservative Name/Conc.:** _____ Volume of Preservative used (ml): _____

**Lot # of Preservative(s):** _____ Expiration Date: _____

*The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.*

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

**Initials:** F.T **Date:** 9/21/21

# Login Sample Receipt Checklist

Client: ECM, Inc.

Job Number: 460-243332-1

**Login Number: 243332**
**List Number: 1**
**Creator: DiGuardia, Joseph L**

**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 | |