



QUARTERLY MONITORING REPORT

Site: 1199 Sutter Avenue 1199 Sutter Avenue Brooklyn, NY (Site) BCP Site No. 224141	NYSDEC Contact: Michael MacCabe, PE, Region 3 NYSDOH Contact: Wendy Kuehner Consultant: EnviroTrac Ltd. Project Contact: Tracy Wall, PG
Client: AAA Sutter Realty	

Report Date: March 23, 2021

Status Summary:

- Previous subsurface investigations and interim cleanup activities were conducted at the Site from January 2009 through March 2017, and included a non-emergency IRM in August 2009, which consisted of an in-situ chemical oxidation (ISCO) treatment of on-Site groundwater. The results of the investigations determined that a source of chlorinated volatile organic compounds (CVOCs) is present in the soil beneath the former dry cleaner located on the eastern portion of the building at 1199 Sutter Avenue, and to the north of the former dry cleaner beneath the parking lot. This has contributed to CVOC detections in groundwater beneath and downgradient of the Site that extends across Sutter Avenue, and CVOC detections in soil vapor beneath the Site.
- A non-emergency IRM was implemented at the Site in accordance with the NYSDEC-approved IRM Work Plan dated March 28, 2017. The NYSDEC provided a Fact Sheet for the proposed IRM Work Plan on March 29, 2017 and accepted written comments from the public to the proposed IRM Work Plan from March 29, 2017 to April 27, 2017. No comments were provided to EnviroTrac by the NYSDEC and the IRM Work Plan was implemented during the period May 1, 2017 to August 29, 2017.
- Engineering Controls (ECs) at the Site include a cover system (existing pavement and building), a soil vapor extraction (SVE) system consisting of four (4) wells, an air sparge (AS) system consisting of three (3) wells, and a sub-slab depressurization system (SSDS) consisting of six (6) suction points. Once the SVE system is deemed no longer required

and shutdown, two (2) of the SVE wells will continue to be utilized as SSDS suction points.

- An Institutional Control (IC) for the Site includes an Environmental Easement.
- The final SMP and final FER were submitted to the NYSDEC in January 2019.
- On April 19, 2019, the Certificate of Completion (COC) was awarded to AAA Sutter Realty, LLC. by the NYSDEC.
- EnviroTrac conducted monthly SVE/AS system Operations and Maintenance (O&M) and quarterly groundwater monitoring from February 2019 to June 2020. In July 2020, it was found that the carbon vane for the AS required to be replaced. Therefore, the AS portion of the remediation system was shutdown.
- The first Periodic Review Report (PRR) was submitted to the NYSDEC on September 20, 2020. EnviroTrac requested that the AS portion of the system remain off for a period of six (6) months and should groundwater concentrations over that period remain stable or continue to decrease, then the AS portion of the system would remain off permanently. This was approved by the NYSDEC on October 13, 2020.
- EnviroTrac conducted monthly SVE system O&M and quarterly groundwater monitoring from December 2020 to February 2021.
- The NYSDEC Category B Deliverables, EDD and Data Usability Summary Report (DUSR) for each quarterly groundwater sampling event were submitted to the NYSDEC EQUIS.

Work Performed:

Monthly SVE System O&M: December 9, 2020, January 15, & February 26, 2021 – EnviroTrac visited the Site and conducted five (5) consecutive weeks of SVE/AS system O&M followed by once monthly SVE/AS system O&M from February 2019 to July 1, 2020. The AS portion of the remediation system has not been operating since July 1, 2020. Based on the groundwater monitoring results at the time, it was requested that the AS portion of the system remain off for six (6) months and should groundwater monitoring results remain stable or continue to decrease over the six (6) months, then the AS portion of the system would remain off permanently. The NYSDEC approved this request on October 13, 2020. SVE system O&M readings included total system air flow, vacuum, temperature, and photoionization detector (PID) readings. SVE system O&M logs from December 2020 to February 2021 are provided in **Appendix A.**

Quarterly Groundwater Sampling: February 10, 2021 – Groundwater samples were collected from wells MW-1S, MW-2s, MW-5S, MW-8S, MW-10S, and MW-11S. Groundwater was purged using low-flow sampling techniques from each well utilizing a peristaltic pump and tubing. Stability parameters were recorded for each well during sampling. Depth to water measurements were recorded on February 26, 2021. Due to snow on the ground, it was difficult to get depth to water measurements from all wells associated with the Site. **Table 1** summarizes the water level measurements collected during February 2021. **Table 2** summarizes the groundwater monitoring results for February 2021. Historical groundwater monitoring wells sample results from July 2011 to February 2021 are also summarized in **Table 2**.

Groundwater Results:

February 2021 Depth to Water: 4.10 to 13.14 feet below grade
Flow Direction: South to South-southwest

February 10, 2021 - Tetrachloroethylene (PCE) was detected in MW-1S, MW-2S, MW-5S, MW-8S, MW-10S, and MW-11S during the February 2021 monitoring event; however, it was only detected above its New York State Department of Environmental Conservation (NYSDEC) Class GA Ambient Water Quality Standard (NYSDEC Groundwater Standard) in wells MW-1S, MW-5S, MW-8S, MW-10S, and MW-11S. Chloroform was detected in MW-1S, MW-2S, MW-5S, MW-8S, MW-10S, and MW-11S; however, most of the detected concentrations were below its NYSDEC Groundwater Standard with the exception of MW-1S, which had a concentration of chloroform slightly above its NYSDEC Groundwater Standard. Trichloroethylene was detected in MW-1S and MW-5S, but at concentrations below its NYSDEC Groundwater Standard. Cis-1,2-dichloroethylene was detected in MW-5S and MW-8S, but at concentrations below its NYSDEC Groundwater Standard.

Conclusions:

When comparing the historical groundwater monitoring well sample results to the most recent groundwater monitoring well sample results, overall PCE and chloroform have been decreasing since the start of the SVE/AS remediation system. Since groundwater concentrations have remained stable since shutting down the AS portion of the remediation system, EnviroTrac recommends that the AS portion of the remediation system remain off permanently.

The SVE system operated properly during the reporting period. PID readings recorded for the SVE effluent have not been

detected since September 2020, and prior to that were generally below 1.0 parts per million (ppm).

Monthly SVE system O&M and quarterly groundwater monitoring will continue at the Site to document the operation of the remediation and its effect on contaminants in groundwater.

Figures:

Figure 1. Groundwater Contour Map – February 26, 2021

Figure 2. As Built Engineering Controls

Tables:

Table 1. Water Level Measurements

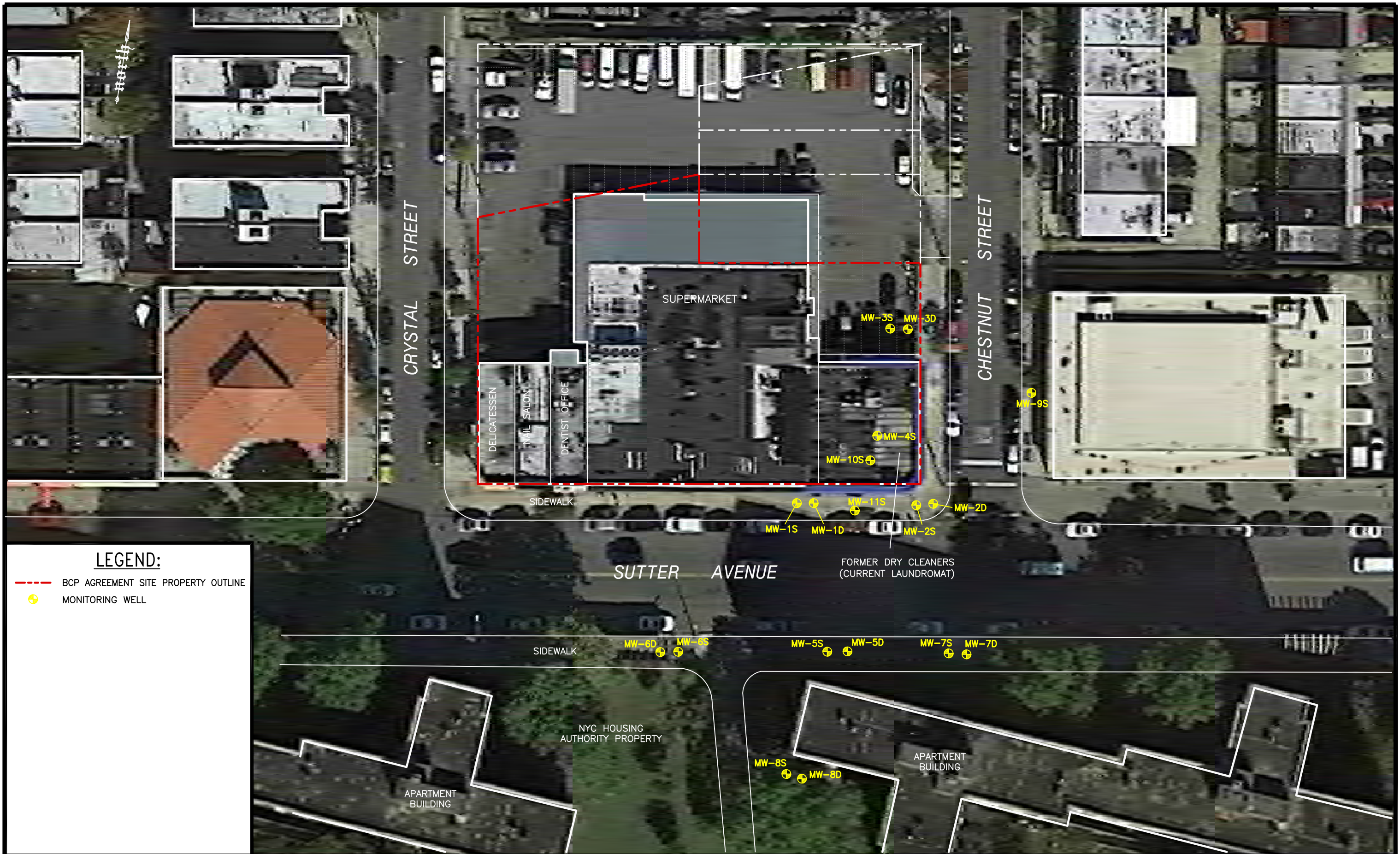
Table 2. Summary of Groundwater Well Monitoring Results

Appendices:

Appendix A. SVE System Operation and Maintenance Logs

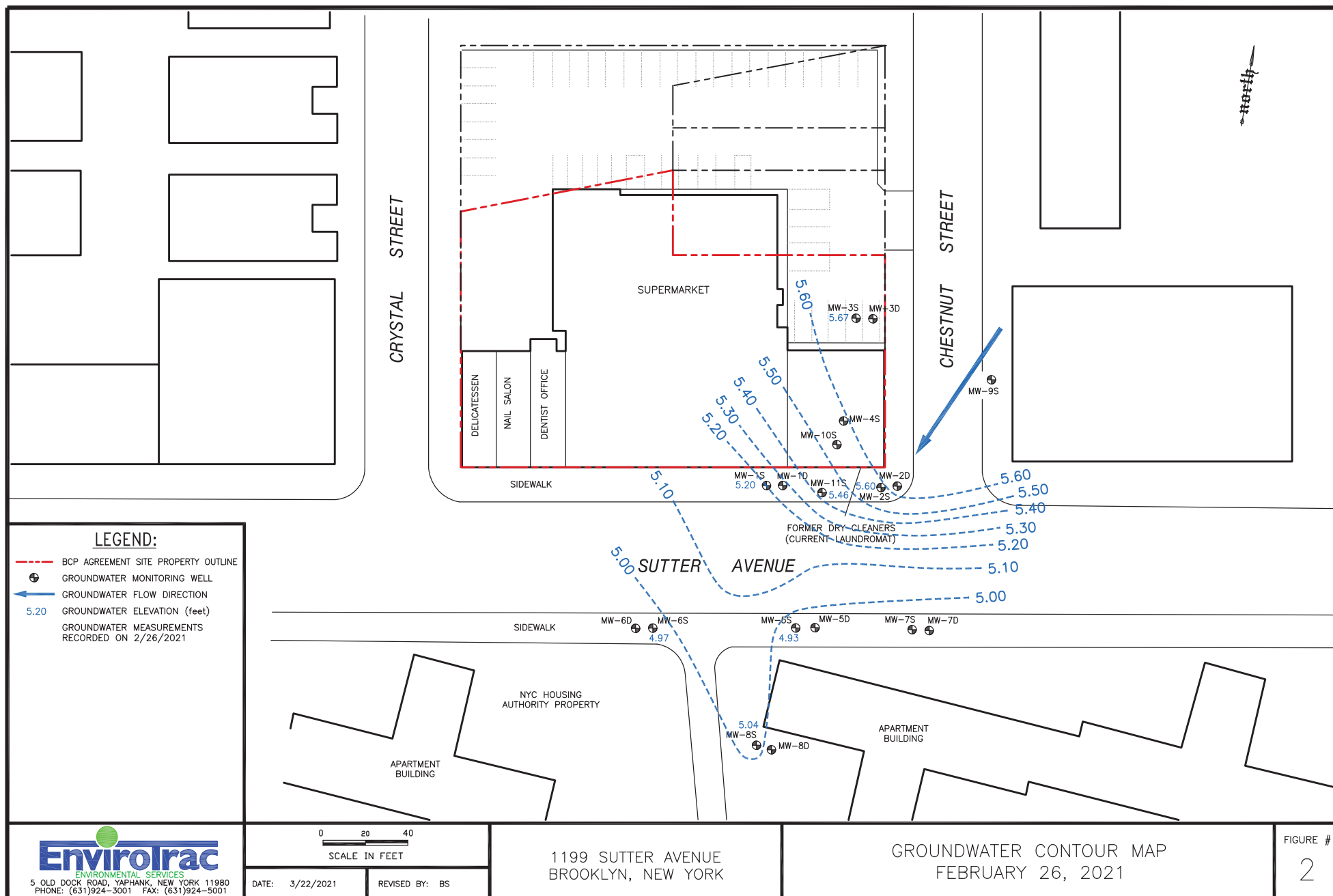
Appendix B. Groundwater Laboratory Report for February 2021

FIGURES



LEGEND:

- BCP AGREEMENT SITE PROPERTY OUTLINE
- ⊕ MONITORING WELL



TABLES

Table 1
Water Level Measurements
BCP Site # 244141
1199 Sutter Avenue, Brooklyn, New York

Well ID	Casing Elevation (in feet above mean sea level)	Date	DTW (in feet below grade)	DTB (in feet below grade)	Water Table Elevation (in feet above mean sea level)
MW-1S	17.51	8/13/2019	13.21	NM	5.30
		11/12/2019	12.30	NM	5.21
		2/14/2020	12.21	25.00	5.30
		5/20/2020	12.29	NM	5.22
		8/26/2020	12.60	NM	4.91
		11/18/2020	12.61	NM	4.90
		2/26/2021	12.31	NM	5.20
MW-1D	17.92	8/13/2019	12.35	NM	5.57
		11/12/2019	12.60	NM	5.32
		2/14/2020	12.33	28.83	5.59
		5/20/2020	12.35	NM	5.57
		8/26/2020	12.61	NM	5.31
		11/18/2020	12.56	NM	5.36
		2/26/2021	12.70	NM	5.22
MW-2S	18.05	8/13/2019	12.75	NM	5.30
		11/12/2019	12.80	NM	5.25
		2/14/2020	12.60	24.68	5.45
		5/20/2020	12.85	NM	5.20
		8/26/2020	12.71	NM	5.34
		11/18/2020	12.83	NM	5.22
		2/26/2021	12.45	NM	5.60
MW-2D	18.13	8/13/2019	12.85	NM	5.28
		11/12/2019	13.23	NM	4.90
		2/14/2020	12.75	39.31	5.38
		5/20/2020	12.88	NM	5.25
		8/26/2020	12.73	NM	5.40
		11/18/2020	12.79	NM	5.34
		2/26/2021	12.61	NM	5.52
MW-3S	18.08	8/13/2019	12.61	NM	5.47
		11/12/2019	12.85	NM	5.23
		2/14/2020	12.45	24.90	5.63
		5/20/2020	12.65	NM	5.43
		8/26/2020	12.60	NM	5.48
		11/18/2020	12.58	NM	5.50
		2/26/2021	12.41	NM	5.67
MW-3D	18.48	8/13/2019	13.21	NM	5.27
		11/12/2019	13.20	NM	5.28
		2/14/2020	12.93	40.01	5.55
		5/20/2020	12.89	NM	5.59
		8/26/2020	12.62	NM	5.86
		11/18/2020	12.55	NM	5.93
		2/26/2021	12.45	NM	6.03
MW-4S	9.88	8/13/2019	NM	NM	-
		11/12/2019	NM	NM	-
		2/14/2020	3.92	10.03	5.96
MW-5S	17.84	8/13/2019	12.56	NM	5.28
		11/12/2019	12.70	NM	5.14
		2/14/2020	12.70	24.30	5.14
		5/20/2020	12.67	NM	5.17
		8/26/2020	12.67	NM	5.17
		11/18/2020	12.58	NM	5.26
		2/26/2021	12.91	NM	4.93
MW-5D	17.80	8/13/2019	12.51	NM	5.29
		11/12/2019	12.80	NM	5.00
		2/14/2020	12.70	39.20	5.10
		5/20/2020	12.70	NM	5.10
		8/26/2020	12.69	NM	5.11
		11/18/2020	12.72	NM	5.08
		2/26/2021	12.94	NM	4.96
MW-6S	17.36	8/13/2019	11.65	NM	5.71
		11/12/2019	12.20	NM	5.16
		2/14/2020	12.10	24.90	5.26
		5/20/2020	12.49	NM	4.87
		8/26/2020	12.53	NM	4.83
		11/18/2020	12.54	NM	4.82
		2/26/2021	12.39	NM	4.97
MW-6D	16.90	8/13/2019	12.01	NM	4.89
		11/12/2019	11.80	NM	5.10
		2/14/2020	12.30	40.30	4.60
		5/20/2020	12.80	NM	4.10
		8/26/2020	12.70	NM	4.20
		11/18/2020	12.55	NM	4.35
		2/26/2021	12.59	NM	4.31
MW-7S	18.04	8/13/2019	12.85	NM	5.19
		11/12/2019	12.80	NM	5.24
		2/14/2020	12.80	25.40	5.24
		5/20/2020	12.81	NM	5.23
		8/26/2020	12.93	NM	5.11
		11/18/2020	12.89	NM	5.15
		2/26/2021	Blocked	NM	-
MW-7D	18.29	8/13/2019	12.92	NM	5.37
		11/12/2019	12.89	NM	5.40
		2/14/2020	12.88	39.90	5.41
		5/20/2020	12.80	NM	5.49
		8/26/2020	12.94	NM	5.35
		11/18/2020	12.95	NM	5.34
		2/26/2021	Blocked	NM	-
MW-8S	18.08	8/13/2019	12.95	NM	5.13
		11/12/2019	13.10	NM	4.98
		2/14/2020	13.29	19.90	4.79
		5/20/2020	13.03	NM	5.05
		8/26/2020	13.01	NM	5.07
		11/18/2020	13.06	NM	5.00
		2/26/2021	13.04	NM	5.04
MW-8D	18.40	8/13/2019	13.32	NM	5.08
		11/12/2019	13.40	NM	5.00
		2/14/2020	13.31	40.41	5.09
		5/20/2020	13.09	NM	5.31
		8/26/2020	13.04	NM	5.36
		11/18/2020	13.09	NM	5.31
		2/26/2021	13.14	NM	5.26
MW-9S	18.66	8/13/2019	13.45	NM	5.21
		11/12/2019	NM	NM	-
		2/14/2020	13.25	22.09	5.43
		5/20/2020	13.40	NM	5.26
		8/26/2020	NM	NM	Vehicle Blocked Well
		11/18/2020	12.34	NM	6.32
		2/26/2021	12.11	NM	6.55
MW-10S	9.93	8/13/2019	4.60	NM	5.33
		11/12/2019	NM	NM	-
		2/14/2020	4.28	10.60	5.65
		5/20/2020	4.32	NM	5.61
		8/26/2020	4.40	NM	5.53
		11/18/2020	4.31	NM	5.62
		2/26/2021	4.10	NM	5.83
MW-11S	17.71	8/13/2019	12.45	NM	5.26
		11/12/2019	NM	NM	-
		2/14/2020	12.46	25.00	5.26
		5/20/2020	12.08	NM	5.63
		8/26/2020	12.32	NM	5.39
		11/18/2020	12.83	NM	4.88
		2/26/2021	12.25	NM	5.46

Notes:
DTW = Depth to water
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		2/26/2021	12.31	NM	5.20
MW-1D	17.92	8/13/2019	12.35	NM	5.57
		11/12/2019	12.60	NM	5.32
		2/14/2020	12.33	28.83	5.59
		5/20/2020	12.35	NM	5.57
		8/26/2020	12.61	NM	5.31
		11/18/2020	12.56	NM	5.36
		2/26/2021	12.70	NM	5.22
MW-2S	18.05	8/13/2019	12.75	NM	5.30
		11/12/2019	12.80	NM	5.25
		2/14/2020	12.60	24.68	5.45
		5/20/2020	12.85	NM	5.20
		8/26/2020	12.71	NM	5.34
		11/18/2020	12.83	NM	5.22
		2/26/2021	12.45	NM	5.60
MW-2D	18.13	8/13/2019	12.85	NM	5.28
		11/12/2019	13.23	NM	4.90
		2/14/2020	12.75	39.31	5.38
		5/20/2020	12.88	NM	5.25
		8/26/2020	12.73	NM	5.40
		11/18/2020	12.79	NM	5.34
		2/26/2021	12.61	NM	5.52
MW-3S	18.08	8/13/2019	12.61	NM	5.47
		11/12/2019	12.85	NM	5.23
		2/14/2020	12.45	24.90	5.63
		5/20/2020	12.65	NM	5.43
		8/26/2020	12.60	NM	5.48
		11/18/2020	12.58	NM	5.50
		2/26/2021	12.41	NM	5.67
MW-3D	18.48	8/13/2019	13.21	NM	5.27
		11/12/2019	13.20	NM	5.28
		2/14/2020	12.93	40.01	5.55
		5/20/2020	12.89	NM	5.59
		8/26/2020	12.62	NM	5.86
		11/18/2020	12.55	NM	5.93
		2/26/2021	12.45	NM	6.03
MW-4S	9.88	8/13/2019	NM	NM	-
		11/12/2019	NM	NM	-
		2/14/2020	3.92	10.03	5.96
MW-5S	17.84	8/13/2019	12.56	NM	5.28
		11/12/2019	12.70	NM	5.14
		2/14/2020	12.70	24.30	5.14
		5/20/2020	12.67	NM	5.17
		8/26/2020	12.67	NM	5.17
		11/18/2020	12.58	NM	5.26
		2/26/2021	12.91	NM	4.93
MW-5D	17.80	8/13/2019	12.51	NM	5.29
		11/12/2019	12.80	NM	5.00
		2/14/2020	12.70	39.20	5.10
		5/20/2020	12.70	NM	5.10
		8/26/2020	12.69	NM	5.11
		11/18/2020	12.72	NM	5.08
		2/26/2021	12.94	NM	4.96
MW-6S	17.36	8/13/2019	11.65	NM	5.71
		11/12/2019	12.20	NM	5.16
		2/14/2020	12.10	24.90	5.26
		5/20/2020	12.49	NM	4.87
		8/26/2020	12.53	NM	4.83
		11/18/2020	12.54	NM	4.82
		2/26/2021	12.39	NM	4.97
MW-6D	16.90	8/13/2019	12.01	NM	4.89
		11/12/2019	11.80	NM	5.10
		2/14/2020	12.30	40.30	4.60
		5/20/2020	12.80	NM	4.10
		8/26/2020	12.70	NM	4.20
		11/18/2020	12.55	NM	4.35
		2/26/2021	12.59	NM	4.31
MW-7S	18.04	8/13/2019	12.85	NM	5.19
		11/12/2019	12.80	NM	5.24
		2/14/2020	12.80	25.40	5.24
		5/20/2020	12.81	NM	5.23
		8/26/2020	12.93	NM	5.11
		11/18/2020	12.89	NM	5.15
		2/26/2021	Blocked	NM	-
MW-7D	18.29	8/13/2019	12.92	NM	5.37
		11/12/2019	12.89	NM	5.40
		2/14/2020	12.88	39.90	5.41
		5/20/2020	12.80	NM	5.49
		8/26/2020	12.94	NM	5.35
		11/18/2020	12.95	NM	5.34
		2/26/2021	Blocked	NM	-
MW-8S	18.08	8/13/2019	12.95	NM	5.13
		11/12/2019	13.10	NM	4.98
		2/14/2020	13.29	19.90	4.79
		5/20/2020	13.03	NM	5.05
		8/26/2020	13.01	NM	5.07
		11/18/2020	13.06	NM	5.00
		2/26/2021	13.04	NM	5.04
MW-8D	18.40	8/13/2019	13.32	NM	5.08
		11/12/2019	13.40	NM	5.00
		2/14/2020	13.31	40.41	5.09
		5/20/2020	13.09	NM	5.31
		8/26/2020	13.04	NM	5.36
		11/18/2020	13.09	NM	5.31
		2/26/2021	13.14	NM	5.26
MW-9S	18.66	8/13/2019	13.45	NM	5.21
		11/12/2019	NM	NM	-
		2/14/2020	13.25	22.09	5.43
		5/20/2020	13.40	NM	5.26
		8/26/2020	NM	NM	Vehicle Blocked Well
		11/18/2020	12.34	NM	6.32
		2/26/2021	12.11	NM	6.55
MW-10S	9.93	8/13/2019	4.60	NM	5.33
		11/12/2019	NM	NM	-
		2/14/2020	4.28	10.60	5.65
		5/20/2020	4.32	NM	5.61
		8/26/2020	4.40	NM	5.53
		11/18/2020	4.31	NM	5.62
		2/26/2021	4.10	NM	5.83
MW-11S	17.71	8/13/2019	12.45	NM	5.26
		11/12/2019	NM	NM	-
		2/14/2020	12.46	25.00	5.26
		5/20/2020	12.08	NM	5.63
		8/26/2020	12.32	NM	5.39
		11/18/2020	12.83	NM	4.88
		2/26/2021	12.25	NM	5.46

Notes:
DTW = Depth to water
DTB = Depth to bottom



APPENDICES

Appendix A

Operation & Maintenance Data Sheet

AAA Sutter Realty
1199 Sutter Avenue
Brooklyn, NY

EnviroTrac Environmental Services

5 Old Dock Road, Yaphank, NY 11980
(631)924-3001, Fax (631)924-5001

Date: 9-Dec
Weather / Temp: Clear / 30 DEG F
Technician / Operator: JO

Soil Vapor Extraction System								
System Total Air Flow Rate (cfm)	170			Fresh Air Valve Open (%)	0			
Vacuum Before Air Filter ("H2O)	88			B- 1 Effluent Pressure ("H2O)	2			
Blower (B-1) Vacuum ("H2O)	90			B- 1 Effluent PID (ppm)	0.0			
B- 1 Influent Temp (deg F)	50			B-1 Effluent Sample Taken? (Y or N)	N			
B- 1 Effluent Temp (deg F)	160			B-1 Run Time (hrs)	15,888.0			
SVE Manifold Legs - Vacuum/Flow Rate/PID								
SVE-7 ("H2O)/(cfm)/(ppm)	75	55	0.0	SVE-9 ("H2O)/(cfm)/(ppm)	72	85	0.0	
SVE-8 ("H2O)/(cfm)/(ppm)	80	50	0.0	SVE-10 ("H2O)/(cfm)/(ppm)	82	90	0.0	
Air Sparge System								
Compressor (C-1) Influent Flow Rate (cfm)				Heat Exchanger Influent Temp (deg F)				
C-1 Pressure (psi)				Heat Exchanger Effluent Temp (deg F)				
C-1 Run Time (hrs)	6,824.4							
AS Manifold Legs - Pressure								
AS-2 (psi)								
AS-1 (psi)								
AS-3 (psi)								
Vacuum Influence Monitoring								
VMP-1 ("H2O)	NM			VMP-5 ("H2O)	NM			
VMP-2 ("H2O)	NM			VMP-6 ("H2O)	NM			
VMP-3 ("H2O)	NM			VMP-7 ("H2O)	NM			
VMP-4 ("H2O)	NM							

Notes, Comments & Observations:

AS compressor off for repairs.

Operation & Maintenance Data Sheet

AAA Sutter Realty
1199 Sutter Avenue
Brooklyn, NY

EnviroTrac Environmental Services

5 Old Dock Road, Yaphank, NY 11980
(631)924-3001, Fax (631)924-5001

Date: 15-Jan
Weather / Temp: Clear / 39 DEG F
Technician / Operator: JO

Soil Vapor Extraction System							
System Total Air Flow Rate (cfm)	175			Fresh Air Valve Open (%)	0		
Vacuum Before Air Filter ("H2O)	82			B- 1 Effluent Pressure ("H2O)	4		
Blower (B-1) Vacuum ("H2O)	82			B- 1 Effluent PID (ppm)	0.0		
B- 1 Influent Temp (deg F)	60			B-1 Effluent Sample Taken? (Y or N)	N		
B- 1 Effluent Temp (deg F)	155			B-1 Run Time (hrs)	16,767.1		
SVE Manifold Legs - Vacuum/Flow Rate/PID							
SVE-7 ("H2O)/(cfm)/(ppm)	70	45	0.0	SVE-9 ("H2O)/(cfm)/(ppm)	64	50	0.0
SVE-8 ("H2O)/(cfm)/(ppm)	74	58	0.0	SVE-10 ("H2O)/(cfm)/(ppm)	73	90	0.0
Air Sparge System							
Compressor (C-1) Influent Flow Rate (cfm)				Heat Exchanger Influent Temp (deg F)			
C-1 Pressure (psi)				Heat Exchanger Effluent Temp (deg F)			
C-1 Run Time (hrs)	6,824.4						
AS Manifold Legs - Pressure							
AS-2 (psi)							
AS-1 (psi)							
AS-3 (psi)							
Vacuum Influence Monitoring							
VMP-1 ("H2O)	NM			VMP-5 ("H2O)	NM		
VMP-2 ("H2O)	NM			VMP-6 ("H2O)	NM		
VMP-3 ("H2O)	NM			VMP-7 ("H2O)	NM		
VMP-4 ("H2O)	NM						

Notes, Comments & Observations:

AS compressor off for repairs.

Operation & Maintenance Data Sheet

AAA Sutter Realty
1199 Sutter Avenue
Brooklyn, NY

EnviroTrac Environmental Services

5 Old Dock Road, Yaphank, NY 11980
(631)924-3001, Fax (631)924-5001

Date: 26-Feb
Weather / Temp: Clear / 50 DEG F
Technician / Operator: JO

Soil Vapor Extraction System								
System Total Air Flow Rate (cfm)	170			Fresh Air Valve Open (%)	0			
Vacuum Before Air Filter ("H2O)	88			B- 1 Effluent Pressure ("H2O)	4			
Blower (B-1) Vacuum ("H2O)	90			B- 1 Effluent PID (ppm)	0.1			
B- 1 Influent Temp (deg F)	50			B-1 Effluent Sample Taken? (Y or N)	N			
B- 1 Effluent Temp (deg F)	150			B-1 Run Time (hrs)	17,770.1			
SVE Manifold Legs - Vacuum/Flow Rate/PID								
SVE-7 ("H2O)/(cfm)/(ppm)	78	24	0.0	SVE-9 ("H2O)/(cfm)/(ppm)	68	40	0.0	
SVE-8 ("H2O)/(cfm)/(ppm)	80	55	0.0	SVE-10 ("H2O)/(cfm)/(ppm)	78	80	0.0	
Air Sparge System								
Compressor (C-1) Influent Flow Rate (cfm)				Heat Exchanger Influent Temp (deg F)				
C-1 Pressure (psi)				Heat Exchanger Effluent Temp (deg F)				
C-1 Run Time (hrs)	6,824.4							
AS Manifold Legs - Pressure								
AS-2 (psi)								
AS-1 (psi)								
AS-3 (psi)								
Vacuum Influence Monitoring								
VMP-1 ("H2O)	NM			VMP-5 ("H2O)	NM			
VMP-2 ("H2O)	NM			VMP-6 ("H2O)	NM			
VMP-3 ("H2O)	NM			VMP-7 ("H2O)	NM			
VMP-4 ("H2O)	NM							

Notes, Comments & Observations:

AS compressor off for repairs.

Appendix B



Analytical Data Package

Prepared by:

Pace Analytical Services

Pace Project No.: 70162103

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Organic

GC-MS Volatiles

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February 15, 2021

Mr. Ed Russo
Envirotrac
5 Old Dock Road
Yaphank, NY 11980

RE: Project: SUTTER AVENUE 2/10
Pace Project No.: 70162103

Dear Mr. Russo:

Enclosed are the analytical results for sample(s) received by the laboratory on February 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sophia Sparkes
sophia.sparkes@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, Envirotrac
Mike Rose, Envirotrac



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Pace Analytical Services Long Island

Delaware Certification # NY10478

Virginia Certification # 460302

Delaware Certification # NY10478

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

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SAMPLE ANALYTE COUNT

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70162103001	MW-1S	EPA 8260C/5030C	BBL	29	PACE-MV
70162103002	MW-2S	EPA 8260C/5030C	BBL	29	PACE-MV
70162103003	MW-5S	EPA 8260C/5030C	BBL	29	PACE-MV
70162103004	MW-8S	EPA 8260C/5030C	BBL	29	PACE-MV
70162103005	MW-10S	EPA 8260C/5030C	BBL	29	PACE-MV
70162103006	MW-11S	EPA 8260C/5030C	BBL	29	PACE-MV
70162103007	BD	EPA 8260C/5030C	BBL	29	PACE-MV

PACE-MV = Pace Analytical Services - Melville

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Method: EPA 8260C/5030C

Description: 8260C Volatile Organics

Client: EnviroTrac Ltd.

Date: February 15, 2021

General Information:

7 samples were analyzed for EPA 8260C/5030C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 196430

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

- BD (Lab ID: 70162103007)
 - Chloromethane
- BLANK (Lab ID: 964040)
 - Chloromethane
- LCS (Lab ID: 964041)
 - Chloromethane
- MS (Lab ID: 964042)
 - Chloromethane
- MSD (Lab ID: 964043)
 - Chloromethane
- MW-10S (Lab ID: 70162103005)
 - Chloromethane
- MW-11S (Lab ID: 70162103006)
 - Chloromethane
- MW-1S (Lab ID: 70162103001)
 - Chloromethane
- MW-2S (Lab ID: 70162103002)
 - Chloromethane
- MW-5S (Lab ID: 70162103003)
 - Chloromethane
- MW-8S (Lab ID: 70162103004)
 - Chloromethane

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Method: EPA 8260C/5030C

Description: 8260C Volatile Organics

Client: EnviroTrac Ltd.

Date: February 15, 2021

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Sample: MW-1S		Lab ID: 70162103001		Collected: 02/10/21 08:15		Received: 02/10/21 11:52		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		02/12/21 13:43	67-64-1	v3	
Bromochloromethane	<1.0	ug/L	1.0	1		02/12/21 13:43	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		02/12/21 13:43	75-27-4		
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/12/21 13:43	56-23-5		
Chloroethane	<1.0	ug/L	1.0	1		02/12/21 13:43	75-00-3		
Chloroform	14.6	ug/L	1.0	1		02/12/21 13:43	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		02/12/21 13:43	74-87-3		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		02/12/21 13:43	96-12-8		
Dibromochloromethane	<1.0	ug/L	1.0	1		02/12/21 13:43	124-48-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/12/21 13:43	110-57-6		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/12/21 13:43	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 13:43	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 13:43	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 13:43	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/12/21 13:43	78-87-5		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 13:43	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 13:43	10061-02-6		
Methylene Chloride	<1.0	ug/L	1.0	1		02/12/21 13:43	75-09-2		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/12/21 13:43	79-34-5		
Tetrachloroethene	5.3	ug/L	1.0	1		02/12/21 13:43	127-18-4		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 13:43	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 13:43	79-00-5		
Trichloroethene	2.2	ug/L	1.0	1		02/12/21 13:43	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		02/12/21 13:43	75-69-4		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/12/21 13:43	96-18-4		
Vinyl chloride	<1.0	ug/L	1.0	1		02/12/21 13:43	75-01-4		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-123	1		02/12/21 13:43	17060-07-0		
4-Bromofluorobenzene (S)	98	%	66-119	1		02/12/21 13:43	460-00-4		
Toluene-d8 (S)	106	%	82-121	1		02/12/21 13:43	2037-26-5		

Sample: MW-2S		Lab ID: 70162103002		Collected: 02/10/21 09:45		Received: 02/10/21 11:52		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		02/12/21 14:03	67-64-1		
Bromochloromethane	<1.0	ug/L	1.0	1		02/12/21 14:03	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		02/12/21 14:03	75-27-4		
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/12/21 14:03	56-23-5		
Chloroethane	<1.0	ug/L	1.0	1		02/12/21 14:03	75-00-3		
Chloroform	4.8	ug/L	1.0	1		02/12/21 14:03	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		02/12/21 14:03	74-87-3	v3	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		02/12/21 14:03	96-12-8		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Sample: MW-2S		Lab ID: 70162103002		Collected: 02/10/21 09:45		Received: 02/10/21 11:52		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Dibromochloromethane	<1.0	ug/L	1.0	1		02/12/21 14:03	124-48-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/12/21 14:03	110-57-6		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/12/21 14:03	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 14:03	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 14:03	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 14:03	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/12/21 14:03	78-87-5		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 14:03	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 14:03	10061-02-6		
Methylene Chloride	<1.0	ug/L	1.0	1		02/12/21 14:03	75-09-2		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/12/21 14:03	79-34-5		
Tetrachloroethene	1.3	ug/L	1.0	1		02/12/21 14:03	127-18-4		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 14:03	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 14:03	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		02/12/21 14:03	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		02/12/21 14:03	75-69-4		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/12/21 14:03	96-18-4		
Vinyl chloride	<1.0	ug/L	1.0	1		02/12/21 14:03	75-01-4		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-123	1		02/12/21 14:03	17060-07-0		
4-Bromofluorobenzene (S)	99	%	66-119	1		02/12/21 14:03	460-00-4		
Toluene-d8 (S)	108	%	82-121	1		02/12/21 14:03	2037-26-5		

Sample: MW-5S		Lab ID: 70162103003		Collected: 02/10/21 10:30		Received: 02/10/21 11:52		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		02/12/21 14:23	67-64-1	v3	
Bromochloromethane	<1.0	ug/L	1.0	1		02/12/21 14:23	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		02/12/21 14:23	75-27-4		
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/12/21 14:23	56-23-5		
Chloroethane	<1.0	ug/L	1.0	1		02/12/21 14:23	75-00-3		
Chloroform	2.6	ug/L	1.0	1		02/12/21 14:23	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		02/12/21 14:23	74-87-3		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		02/12/21 14:23	96-12-8		
Dibromochloromethane	<1.0	ug/L	1.0	1		02/12/21 14:23	124-48-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/12/21 14:23	110-57-6		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/12/21 14:23	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 14:23	75-35-4		
cis-1,2-Dichloroethene	1.3	ug/L	1.0	1		02/12/21 14:23	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 14:23	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/12/21 14:23	78-87-5		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 14:23	10061-01-5		

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ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Sample: MW-5S		Lab ID: 70162103003		Collected: 02/10/21 10:30		Received: 02/10/21 11:52		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 14:23	10061-02-6		
Methylene Chloride	<1.0	ug/L	1.0	1		02/12/21 14:23	75-09-2		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/12/21 14:23	79-34-5		
Tetrachloroethene	17.0	ug/L	1.0	1		02/12/21 14:23	127-18-4		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 14:23	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 14:23	79-00-5		
Trichloroethene	1.2	ug/L	1.0	1		02/12/21 14:23	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		02/12/21 14:23	75-69-4		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/12/21 14:23	96-18-4		
Vinyl chloride	<1.0	ug/L	1.0	1		02/12/21 14:23	75-01-4		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	70-123	1		02/12/21 14:23	17060-07-0		
4-Bromofluorobenzene (S)	99	%	66-119	1		02/12/21 14:23	460-00-4		
Toluene-d8 (S)	106	%	82-121	1		02/12/21 14:23	2037-26-5		

Sample: MW-8S	Lab ID: 70162103004	Collected: 02/10/21 11:30	Received: 02/10/21 11:52	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		02/12/21 14:44	67-64-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/12/21 14:44	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/12/21 14:44	75-27-4	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/12/21 14:44	56-23-5	
Chloroethane	<1.0	ug/L	1.0	1		02/12/21 14:44	75-00-3	
Chloroform	2.2	ug/L	1.0	1		02/12/21 14:44	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		02/12/21 14:44	74-87-3	v3
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		02/12/21 14:44	96-12-8	
Dibromochloromethane	<1.0	ug/L	1.0	1		02/12/21 14:44	124-48-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/12/21 14:44	110-57-6	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/12/21 14:44	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 14:44	75-35-4	
cis-1,2-Dichloroethene	1.0	ug/L	1.0	1		02/12/21 14:44	156-59-2	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 14:44	156-60-5	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/12/21 14:44	78-87-5	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 14:44	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 14:44	10061-02-6	
Methylene Chloride	<1.0	ug/L	1.0	1		02/12/21 14:44	75-09-2	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/12/21 14:44	79-34-5	
Tetrachloroethene	7.3	ug/L	1.0	1		02/12/21 14:44	127-18-4	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 14:44	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 14:44	79-00-5	
Trichloroethene	<1.0	ug/L	1.0	1		02/12/21 14:44	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		02/12/21 14:44	75-69-4	

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ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Sample: MW-8S		Lab ID: 70162103004	Collected: 02/10/21 11:30	Received: 02/10/21 11:52	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/12/21 14:44	96-18-4	
Vinyl chloride	<1.0	ug/L	1.0	1		02/12/21 14:44	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	70-123	1		02/12/21 14:44	17060-07-0	
4-Bromofluorobenzene (S)	99	%	66-119	1		02/12/21 14:44	460-00-4	
Toluene-d8 (S)	107	%	82-121	1		02/12/21 14:44	2037-26-5	

Sample: MW-10S		Lab ID: 70162103005	Collected: 02/10/21 12:15	Received: 02/10/21 13:23	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Acetone	<5.0	ug/L	5.0	1		02/12/21 15:04	67-64-1	
Bromochloromethane	<1.0	ug/L	1.0	1		02/12/21 15:04	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		02/12/21 15:04	75-27-4	
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/12/21 15:04	56-23-5	
Chloroethane	<1.0	ug/L	1.0	1		02/12/21 15:04	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		02/12/21 15:04	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		02/12/21 15:04	74-87-3	v3
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		02/12/21 15:04	96-12-8	
Dibromochloromethane	<1.0	ug/L	1.0	1		02/12/21 15:04	124-48-1	
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/12/21 15:04	110-57-6	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/12/21 15:04	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 15:04	75-35-4	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 15:04	156-59-2	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 15:04	156-60-5	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/12/21 15:04	78-87-5	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 15:04	10061-01-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 15:04	10061-02-6	
Methylene Chloride	<1.0	ug/L	1.0	1		02/12/21 15:04	75-09-2	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/12/21 15:04	79-34-5	
Tetrachloroethene	34.2	ug/L	1.0	1		02/12/21 15:04	127-18-4	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 15:04	71-55-6	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 15:04	79-00-5	
Trichloroethene	<1.0	ug/L	1.0	1		02/12/21 15:04	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		02/12/21 15:04	75-69-4	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/12/21 15:04	96-18-4	
Vinyl chloride	<1.0	ug/L	1.0	1		02/12/21 15:04	75-01-4	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	70-123	1		02/12/21 15:04	17060-07-0	
4-Bromofluorobenzene (S)	99	%	66-119	1		02/12/21 15:04	460-00-4	
Toluene-d8 (S)	106	%	82-121	1		02/12/21 15:04	2037-26-5	

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ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Sample: MW-11S		Lab ID: 70162103006		Collected: 02/10/21 07:45		Received: 02/10/21 13:23		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		02/12/21 15:24	67-64-1	v3	
Bromochloromethane	<1.0	ug/L	1.0	1		02/12/21 15:24	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		02/12/21 15:24	75-27-4		
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/12/21 15:24	56-23-5		
Chloroethane	<1.0	ug/L	1.0	1		02/12/21 15:24	75-00-3		
Chloroform	3.1	ug/L	1.0	1		02/12/21 15:24	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		02/12/21 15:24	74-87-3		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		02/12/21 15:24	96-12-8		
Dibromochloromethane	<1.0	ug/L	1.0	1		02/12/21 15:24	124-48-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/12/21 15:24	110-57-6		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/12/21 15:24	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 15:24	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 15:24	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 15:24	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/12/21 15:24	78-87-5		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 15:24	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 15:24	10061-02-6		
Methylene Chloride	<1.0	ug/L	1.0	1		02/12/21 15:24	75-09-2		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/12/21 15:24	79-34-5		
Tetrachloroethene	17.1	ug/L	1.0	1		02/12/21 15:24	127-18-4		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 15:24	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 15:24	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		02/12/21 15:24	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		02/12/21 15:24	75-69-4		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/12/21 15:24	96-18-4		
Vinyl chloride	<1.0	ug/L	1.0	1		02/12/21 15:24	75-01-4		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-123	1		02/12/21 15:24	17060-07-0		
4-Bromofluorobenzene (S)	100	%	66-119	1		02/12/21 15:24	460-00-4		
Toluene-d8 (S)	107	%	82-121	1		02/12/21 15:24	2037-26-5		

Sample: BD		Lab ID: 70162103007		Collected: 02/10/21 07:45		Received: 02/10/21 13:23		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Acetone	<5.0	ug/L	5.0	1		02/12/21 13:20	67-64-1		
Bromochloromethane	<1.0	ug/L	1.0	1		02/12/21 13:20	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		02/12/21 13:20	75-27-4		
Carbon tetrachloride	<1.0	ug/L	1.0	1		02/12/21 13:20	56-23-5		
Chloroethane	<1.0	ug/L	1.0	1		02/12/21 13:20	75-00-3		
Chloroform	3.0	ug/L	1.0	1		02/12/21 13:20	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		02/12/21 13:20	74-87-3		v3
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		02/12/21 13:20	96-12-8		

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ANALYTICAL RESULTS

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Sample: BD		Lab ID: 70162103007		Collected: 02/10/21 07:45		Received: 02/10/21 13:23		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C								
	Pace Analytical Services - Melville								
Dibromochloromethane	<1.0	ug/L	1.0	1		02/12/21 13:20	124-48-1		
trans-1,4-Dichloro-2-butene	<1.0	ug/L	1.0	1		02/12/21 13:20	110-57-6		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		02/12/21 13:20	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 13:20	75-35-4		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 13:20	156-59-2		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		02/12/21 13:20	156-60-5		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		02/12/21 13:20	78-87-5		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 13:20	10061-01-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		02/12/21 13:20	10061-02-6		
Methylene Chloride	<1.0	ug/L	1.0	1		02/12/21 13:20	75-09-2		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		02/12/21 13:20	79-34-5		
Tetrachloroethene	16.0	ug/L	1.0	1		02/12/21 13:20	127-18-4		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 13:20	71-55-6		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		02/12/21 13:20	79-00-5		
Trichloroethene	<1.0	ug/L	1.0	1		02/12/21 13:20	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		02/12/21 13:20	75-69-4		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		02/12/21 13:20	96-18-4		
Vinyl chloride	<1.0	ug/L	1.0	1		02/12/21 13:20	75-01-4		
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-123	1		02/12/21 13:20	17060-07-0		
4-Bromofluorobenzene (S)	98	%	66-119	1		02/12/21 13:20	460-00-4		
Toluene-d8 (S)	106	%	82-121	1		02/12/21 13:20	2037-26-5		

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QUALITY CONTROL DATA

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

QC Batch:	196430	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70162103001, 70162103002, 70162103003, 70162103004, 70162103005, 70162103006, 70162103007

METHOD BLANK: 964040

Matrix: Water

Associated Lab Samples: 70162103001, 70162103002, 70162103003, 70162103004, 70162103005, 70162103006, 70162103007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/L	<1.0	1.0	02/12/21 11:09	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	02/12/21 11:09	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	02/12/21 11:09	
1,1-Dichloroethane	ug/L	<1.0	1.0	02/12/21 11:09	
1,1-Dichloroethene	ug/L	<1.0	1.0	02/12/21 11:09	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	02/12/21 11:09	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	02/12/21 11:09	
1,2-Dichloropropane	ug/L	<1.0	1.0	02/12/21 11:09	
Acetone	ug/L	<5.0	5.0	02/12/21 11:09	
Bromochloromethane	ug/L	<1.0	1.0	02/12/21 11:09	
Bromodichloromethane	ug/L	<1.0	1.0	02/12/21 11:09	
Carbon tetrachloride	ug/L	<1.0	1.0	02/12/21 11:09	
Chloroethane	ug/L	<1.0	1.0	02/12/21 11:09	
Chloroform	ug/L	<1.0	1.0	02/12/21 11:09	
Chloromethane	ug/L	<1.0	1.0	02/12/21 11:09	v3
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	02/12/21 11:09	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	02/12/21 11:09	
Dibromochloromethane	ug/L	<1.0	1.0	02/12/21 11:09	
Methylene Chloride	ug/L	<1.0	1.0	02/12/21 11:09	
Tetrachloroethene	ug/L	<1.0	1.0	02/12/21 11:09	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	02/12/21 11:09	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	02/12/21 11:09	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	02/12/21 11:09	
Trichloroethene	ug/L	<1.0	1.0	02/12/21 11:09	
Trichlorofluoromethane	ug/L	<1.0	1.0	02/12/21 11:09	
Vinyl chloride	ug/L	<1.0	1.0	02/12/21 11:09	
1,2-Dichloroethane-d4 (S)	%	99	70-123	02/12/21 11:09	
4-Bromofluorobenzene (S)	%	99	66-119	02/12/21 11:09	
Toluene-d8 (S)	%	107	82-121	02/12/21 11:09	

LABORATORY CONTROL SAMPLE: 964041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.4	93	62-121	
1,1,2,2-Tetrachloroethane	ug/L	50	45.6	91	75-122	
1,1,2-Trichloroethane	ug/L	50	47.9	96	80-122	
1,1-Dichloroethane	ug/L	50	46.0	92	68-127	
1,1-Dichloroethene	ug/L	50	46.7	93	65-123	
1,2,3-Trichloropropane	ug/L	50	47.9	96	63-123	

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QUALITY CONTROL DATA

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

LABORATORY CONTROL SAMPLE: 964041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	42.5	85	52-126	
1,2-Dichloropropane	ug/L	50	42.8	86	79-117	
Acetone	ug/L	50	35.4	71	10-225	
Bromochloromethane	ug/L	50	54.0	108	75-130	
Bromodichloromethane	ug/L	50	46.7	93	74-127	
Carbon tetrachloride	ug/L	50	44.7	89	64-122	
Chloroethane	ug/L	50	41.8	84	60-129	
Chloroform	ug/L	50	48.9	98	74-129	
Chloromethane	ug/L	50	37.3	75	43-126 v3	
cis-1,2-Dichloroethene	ug/L	50	49.3	99	72-127	
cis-1,3-Dichloropropene	ug/L	50	45.0	90	65-134	
Dibromochloromethane	ug/L	50	53.4	107	71-130	
Methylene Chloride	ug/L	50	45.8	92	69-126	
Tetrachloroethene	ug/L	50	46.8	94	65-120	
trans-1,2-Dichloroethene	ug/L	50	49.6	99	71-125	
trans-1,3-Dichloropropene	ug/L	50	49.0	98	54-139	
trans-1,4-Dichloro-2-butene	ug/L	50	47.4	95	46-133	
Trichloroethene	ug/L	50	46.2	92	73-116	
Trichlorofluoromethane	ug/L	50	50.1	100	59-134	
Vinyl chloride	ug/L	50	39.0	78	50-130	
1,2-Dichloroethane-d4 (S)	%			98	70-123	
4-Bromofluorobenzene (S)	%			99	66-119	
Toluene-d8 (S)	%			106	82-121	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 964042 964043

Parameter	Units	70162103006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1-Trichloroethane	ug/L	<1.0	50	50	47.9	51.1	96	102	60-127	6	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	42.2	45.7	84	91	74-118	8	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	45.9	49.3	92	99	80-120	7	
1,1-Dichloroethane	ug/L	<1.0	50	50	46.0	48.4	92	97	69-131	5	
1,1-Dichloroethene	ug/L	<1.0	50	50	49.3	51.2	99	102	70-129	4	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	44.4	48.8	89	98	60-120	10	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	36.0	43.4	72	87	42-123	19	
1,2-Dichloropropane	ug/L	<1.0	50	50	42.8	44.1	86	88	77-118	3	
Acetone	ug/L	<5.0	50	50	32.5	38.0	65	76	10-189	16	
Bromochloromethane	ug/L	<1.0	50	50	53.0	56.1	106	112	69-132	6	
Bromodichloromethane	ug/L	<1.0	50	50	44.4	49.1	89	98	71-125	10	
Carbon tetrachloride	ug/L	<1.0	50	50	45.4	48.8	91	98	64-125	7	
Chloroethane	ug/L	<1.0	50	50	43.2	46.5	86	93	54-137	7	
Chloroform	ug/L	3.1	50	50	51.1	54.3	96	102	73-128	6	
Chloromethane	ug/L	<1.0	50	50	36.5	37.7	73	75	45-123	3 v3	
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	48.3	51.7	97	103	72-129	7	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	43.6	46.8	87	94	57-130	7	

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QUALITY CONTROL DATA

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 964042 964043											
Parameter	Units	70162103006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Dibromochloromethane	ug/L	<1.0	50	50	49.7	54.7	99	109	59-132	10	
Methylene Chloride	ug/L	<1.0	50	50	45.2	48.1	90	96	65-129	6	
Tetrachloroethene	ug/L	17.1	50	50	65.2	67.3	96	100	59-131	3	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	50.6	54.4	101	109	74-129	7	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	45.2	49.0	90	98	42-140	8	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	50	50	41.4	46.6	83	93	10-144	12	
Trichloroethene	ug/L	<1.0	50	50	47.1	50.6	94	101	78-119	7	
Trichlorofluoromethane	ug/L	<1.0	50	50	53.5	57.1	107	114	59-136	7	
Vinyl chloride	ug/L	<1.0	50	50	40.0	41.1	80	82	45-141	3	
1,2-Dichloroethane-d4 (S)	%						98	99	70-123		
4-Bromofluorobenzene (S)	%						101	103	66-119		
Toluene-d8 (S)	%						106	108	82-121		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SUTTER AVENUE 2/10

Pace Project No.: 70162103

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70162103001	MW-1S	EPA 8260C/5030C	196430		
70162103002	MW-2S	EPA 8260C/5030C	196430		
70162103003	MW-5S	EPA 8260C/5030C	196430		
70162103004	MW-8S	EPA 8260C/5030C	196430		
70162103005	MW-10S	EPA 8260C/5030C	196430		
70162103006	MW-11S	EPA 8260C/5030C	196430		
70162103007	BD	EPA 8260C/5030C	196430		

REPORT OF LABORATORY ANALYSIS

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WO#: 70162103



70162103

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.



Section A Required Client Information: Company: Enviro Trac Ltd. Address: 5 Old Dock Road Yaphank, NY 11980 Email To: tracyw@envirotrac.com Phone: 631-924-3001 Fax: 631-924-5001 Requested Due Date/FAT: 5 days		Section B Required Project Information: Report To: Tracy Wall Copy To: Purchase Order No: Project Name: Sutter Avenue Project Number: 01 991373.00 Task 08.0000		Section C Invoice Information: Altitude: Tracy Wall Company Name: Address: Pace Quote Reference: Pace Project Manager: Pace Profile #: Regulatory Agency: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER Site Location: NY STATE:	

ITEM #	SAMPLE ID (A-Z, 0-9 / -)	Matrix Codes MATRIX CODE Drinking Water DW Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Tissue TS Other OT	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP) (see valid codes to left)	MATRIX CODE	# OF CONTAINERS	Preservatives										Analysis Test ↑	VOCs 8260, chlorinated list only	Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
			COMPOSITE START	COMPOSITE END CRAB				DATE	TIME	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other				
1	MW-1S				WT G	2/10/21	1315	3											001		
2	MW-2S						945	3											007		
3	MW-5S						1030	3											003		
4	MW-8S						1130	3											004		
5	MW-10S						745	3											005		
6	MW-11S						1130	3											006		
7	MS						1130	3											↓		
8	MSD						745	3											007		
9	BD																				
10	Trip Blank																				
11																					
12																					

Section D Requested Analysis Filtered (Y/N)		Temp in °C		Received on Ice (Y/N)		Sealed Cooler (Y/N)		Samples Intact (Y/N)	

Request NYSDEC Category B Deliverables & EDD

Relinquished By / Affiliation: *Joseph Psithgk* **Signature of Sampler:** *Joseph Psithgk* **Print Name of Sampler:** *Joseph Psithgk* **Date Signed (MM/DD/YY):** *02/10/21*

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any amount paid within 30 days.



Sample Condition Upon Receipt

WO#: 70162103

Client Name:

EnviroTrac

Project

PM: STS

Due Date: 02/19/21

CLIENT: ENVIROTRAC

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ Other

Thermometer Used: TH091 Correction Factor: -0.2

Cooler Temperature(°C): 15.9 Cooler Temperature Corrected(°C): 15.7

Temperature Blank Present: ☐ Yes ☒ NoType of Ice: Wet Blue ☒ None☐ Samples on ice, cooling process has begun N/A

Date/Time 5035A kits placed in freezer N/A

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☒ N/A, water sample)

Date and Initials of person examining contents: JP 2/10/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☒ NoDid samples originate from a foreign source including Hawaii and Puerto Rico? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present:	☒ Yes ☐ No	1.
Chain of Custody Filled Out:	☒ Yes ☐ No	2.
Chain of Custody Relinquished:	☒ Yes ☐ No	3.
Sampler Name & Signature on COC:	☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☒ No	6.
Rush Turn Around Time Requested:	☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for)	☒ Yes ☐ No	8.
Correct Containers Used:	☒ Yes ☐ No	9.
-Pace Containers Used:	☒ Yes ☐ No	
Containers Intact:	☒ Yes ☐ No	10.
Filtered volume received for Dissolved tests	☐ Yes ☐ No ☒ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes ☐ No	12.
-Includes date/time/ID, Matrix: SL WT OIL		
All containers needing preservation have been checked?	☐ Yes ☐ No ☒ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation?		
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐ Yes ☐ No ☒ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		
Per Method, VOA pH is checked after analysis		Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination:	☐ Yes ☐ No ☒ N/A	14.
KI starch test strips Lot #		
Residual chlorine strips Lot #		Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulfide?	☐ Yes ☐ No ☒ N/A	15.
Lead Acetate Strips Lot #		
Headspace in VOA Vials (>6mm):	☐ Yes ☒ No ☐ N/A	16.
Trip Blank Present:	☐ Yes ☒ No ☐ N/A	17.
Trip Blank Custody Seals Present	☐ Yes ☐ No ☒ N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution: Trip Blank not received.

MSV - FORM II VOA-1
WATER VOLATILE SURROGATE RECOVERY

Lab Name: Pace Analytical - New York SDG No.: 70162103 Contract: SUTTER AVENUE 2/10

Instrument ID: 70MSV6

LAB SAMPLE ID	SAMPLE NAME	12D4	BFB	TOL8
964040	964040BLANK	99	99	107
964041	964041LCS	98	99	106
964042	964042MS	98	101	106
964043	964043MSD	99	103	108
70162103001	MW-1S	101	98	106
70162103002	MW-2S	101	99	108
70162103003	MW-5S	101	99	106
70162103004	MW-8S	100	99	107
70162103005	MW-10S	101	99	106
70162103006	MW-11S	102	100	107
70162103007	BD	102	98	106

(12D4) = 1,2-Dichloroethane-d4 (S)

(BFB) = 4-Bromofluorobenzene (S)

(TOL8) = Toluene-d8 (S)

* Values outside of QC Limits

QC LIMITS

(70-123)

(66-119)

(82-121)

MSV - FORM III VOA-1
WATER LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: Pace Analytical - New York
Date Extracted: 02/12/2021
Instrument: 70MSV6
Lab File ID: 021221.B\J64520.D

Lab Sample ID: 964041LCS
Date Analyzed (1): 02/12/2021
LCS Lot No: 104750
SDG No.: 70162103

COMPOUND	AMOUNT ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS %REC	QC LIMITS REC.
Acetone	50.0	35.4	71	10-225
Bromochloromethane	50.0	54.0	108	75-130
Bromodichloromethane	50.0	46.7	93	74-127
Carbon tetrachloride	50.0	44.7	89	64-122
Chloroethane	50.0	41.8	84	60-129
Chloroform	50.0	48.9	98	74-129
Chloromethane	50.0	37.3	75	43-126
1,2-Dibromo-3-chloropropane	50.0	42.5	85	52-126
Dibromochloromethane	50.0	53.4	107	71-130
trans-1,4-Dichloro-2-butene	50.0	47.4	95	46-133
1,1-Dichloroethane	50.0	46.0	92	68-127
1,1-Dichloroethene	50.0	46.7	93	65-123
cis-1,2-Dichloroethene	50.0	49.3	99	72-127
trans-1,2-Dichloroethene	50.0	49.6	99	71-125
1,2-Dichloropropane	50.0	42.8	86	79-117
cis-1,3-Dichloropropene	50.0	45.0	90	65-134
trans-1,3-Dichloropropene	50.0	49.0	98	54-139
Methylene Chloride	50.0	45.8	92	69-126
1,1,2,2-Tetrachloroethane	50.0	45.6	91	75-122
Tetrachloroethene	50.0	46.8	94	65-120
1,1,1-Trichloroethane	50.0	46.4	93	62-121
1,1,2-Trichloroethane	50.0	47.9	96	80-122
Trichloroethene	50.0	46.2	92	73-116
Trichlorofluoromethane	50.0	50.1	100	59-134
1,2,3-Trichloropropane	50.0	47.9	96	63-123
Vinyl chloride	50.0	39.0	78	50-130

Spike Recovery: 0 out of 26 outside limits.

02/15/2021 1:12

MSV - FORM III VOA-1
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Pace Analytical - New York
Date Extracted: 02/12/2021
Instrument: 70MSV6
Parent Sample ID: MW-11S

Matrix Spike - Sample No: 964042MS
Date Analyzed (1): 02/12/2021
Lab File ID: 021221.B\J64543.D
SDG No.: 70162103

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS %REC	QC LIMITS REC.
1,1,1-Trichloroethane	50.0	<1.0	47.9	96	60-127
1,1,2,2-Tetrachloroethane	50.0	<1.0	42.2	84	74-118
1,1,2-Trichloroethane	50.0	<1.0	45.9	92	80-120
1,1-Dichloroethane	50.0	<1.0	46.0	92	69-131
1,1-Dichloroethene	50.0	<1.0	49.3	99	70-129
1,2,3-Trichloropropane	50.0	<1.0	44.4	89	60-120
1,2-Dibromo-3-chloropropane	50.0	<1.0	36.0	72	42-123
1,2-Dichloropropane	50.0	<1.0	42.8	86	77-118
Acetone	50.0	<5.0	32.5	65	10-189
Bromochloromethane	50.0	<1.0	53.0	106	69-132
Bromodichloromethane	50.0	<1.0	44.4	89	71-125
Carbon tetrachloride	50.0	<1.0	45.4	91	64-125
Chloroethane	50.0	<1.0	43.2	86	54-137
Chloroform	50.0	3.1	51.1	96	73-128
Chloromethane	50.0	<1.0	36.5	73	45-123
Dibromochloromethane	50.0	<1.0	49.7	99	59-132
Methylene Chloride	50.0	<1.0	45.2	90	65-129
Tetrachloroethene	50.0	17.1	65.2	96	59-131
Trichloroethene	50.0	<1.0	47.1	94	78-119
Trichlorofluoromethane	50.0	<1.0	53.5	107	59-136
Vinyl chloride	50.0	<1.0	40.0	80	45-141
cis-1,2-Dichloroethene	50.0	<1.0	48.3	97	72-129
cis-1,3-Dichloropropene	50.0	<1.0	43.6	87	57-130
trans-1,2-Dichloroethene	50.0	<1.0	50.6	101	74-129
trans-1,3-Dichloropropene	50.0	<1.0	45.2	90	42-140
trans-1,4-Dichloro-2-butene	50.0	<1.0	41.4	83	10-144

Spike Recovery: 0 out of 26 outside limits.

02/15/2021 1:12

MSV - FORM III VOA-2
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Instrument (2): 70MSV6 Matrix Spike Duplicate - Sample No: 964043MSD
Lab File ID (2): 021221.BJ64544.D Date Analyzed (2): 02/12/2021

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD %REC	%RPD	QC LIMITS	
					RPD	REC.
1,1,1-Trichloroethane	50.0	51.1	102	6	0-20	60-127
1,1,2,2-Tetrachloroethane	50.0	45.7	91	8	0-20	74-118
1,1,2-Trichloroethane	50.0	49.3	99	7	0-20	80-120
1,1-Dichloroethane	50.0	48.4	97	5	0-20	69-131
1,1-Dichloroethene	50.0	51.2	102	4	0-20	70-129
1,2,3-Trichloropropane	50.0	48.8	98	10	0-20	60-120
1,2-Dibromo-3-chloropropane	50.0	43.4	87	19	0-20	42-123
1,2-Dichloropropane	50.0	44.1	88	3	0-20	77-118
Acetone	50.0	38.0	76	16	0-20	10-189
Bromochloromethane	50.0	56.1	112	6	0-20	69-132
Bromodichloromethane	50.0	49.1	98	10	0-20	71-125
Carbon tetrachloride	50.0	48.8	98	7	0-20	64-125
Chloroethane	50.0	46.5	93	7	0-20	54-137
Chloroform	50.0	54.3	102	6	0-20	73-128
Chloromethane	50.0	37.7	75	3	0-20	45-123
Dibromochloromethane	50.0	54.7	109	10	0-20	59-132
Methylene Chloride	50.0	48.1	96	6	0-20	65-129
Tetrachloroethene	50.0	67.3	100	3	0-20	59-131
Trichloroethene	50.0	50.6	101	7	0-20	78-119
Trichlorofluoromethane	50.0	57.1	114	7	0-20	59-136
Vinyl chloride	50.0	41.1	82	3	0-20	45-141
cis-1,2-Dichloroethene	50.0	51.7	103	7	0-20	72-129
cis-1,3-Dichloropropene	50.0	46.8	94	7	0-20	57-130
trans-1,2-Dichloroethene	50.0	54.4	109	7	0-20	74-129
trans-1,3-Dichloropropene	50.0	49.0	98	8	0-20	42-140
trans-1,4-Dichloro-2-butene	50.0	46.6	93	12	0-20	10-144

RPD: 0 out of 26 outside limits.

Spike Recovery: 0 out of 26 outside limits.

02/15/2021 1:12

MSV - FORM IV VOA-1
VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

964040BLANK

Lab Name: Pace Analytical - New York SDG No.: 70162103 Contract: SUTTER AVENUE 2/10

Instrument ID: 70MSV6 Matrix: Water Lab Sample ID: 964040

Lab File ID: 021221.B\J64519.D Date Analyzed: 02/12/2021 Time: 11:09

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	ANALYZED
964041LCS	964041	021221.B\J64520.D	02/12/2021 11:30
BD	70162103007	021221.B\J64523.D	02/12/2021 13:20
MW-1S	70162103001	021221.B\J64524.D	02/12/2021 13:43
MW-2S	70162103002	021221.B\J64525.D	02/12/2021 14:03
MW-5S	70162103003	021221.B\J64526.D	02/12/2021 14:23
MW-8S	70162103004	021221.B\J64527.D	02/12/2021 14:44
MW-10S	70162103005	021221.B\J64528.D	02/12/2021 15:04
MW-11S	70162103006	021221.B\J64529.D	02/12/2021 15:24
964042MS	964042	021221.B\J64543.D	02/12/2021 20:09
964043MSD	964043	021221.B\J64544.D	02/12/2021 20:50

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - New York SDG No.: 70162103 Contract: SUTTER AVENUE 2/10
Lab File ID: 120720.B\J63311.D BFB Injection Date: 12/07/2020
Instrument ID: 70MSV6 BFB Injection Time: 14:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.00 - 40.00% of mass 95	20.17
75	30.00 - 60.00% of mass 95	51.20
95	Base Peak, 100.00% relative	100.00
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.33 (0.47) ¹
174	50.00 - 100.00% of mass 95	70.09
175	5.00 - 9.00% of mass 174	5.48 (7.82) ¹
176	95.00 - 101.00% of mass 174	68.19 (97.29) ¹
177	5.00 - 9.00% of mass 176	4.34 (6.37) ²

1 - Value is % mass 174

2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
14296901CAL1	14296901CAL1	120720.B\J63312.D	12/07/2020	14:58
14296902CAL2	14296902CAL2	120720.B\J63313.D	12/07/2020	15:18
14296908CAL3	14296908CAL3	120720.B\J63314.D	12/07/2020	15:39
14296904CAL4	14296904CAL4	120720.B\J63315.D	12/07/2020	16:00
14296905CAL5	14296905CAL5	120720.B\J63316.D	12/07/2020	16:21
14296909CAL6	14296909CAL6	120720.B\J63317.D	12/07/2020	16:42
14296907CAL7	14296907CAL7	120720.B\J63318.D	12/07/2020	17:03
14296906CAL8	14296906CAL8	120720.B\J63319.D	12/07/2020	17:24
14297012ICV	14297012ICV	120720.B\J63321.D	12/07/2020	18:29

MSV - FORM V VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Pace Analytical - New York SDG No.: 70162103 Contract: SUTTER AVENUE 2/10
Lab File ID: 021221.B\J64517.D BFB Injection Date 02/12/2021
Instrument ID: 70MSV6 BFB Injection Time 09:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.00 - 40.00% of mass 95	21.94
75	30.00 - 60.00% of mass 95	55.49
95	Base Peak, 100.00% relative	100.00
96	5.00 - 9.00% of mass 95	6.57
173	Less than 2.00% of mass 174	0.00
174	50.00 - 100.00% of mass 95	69.42
175	5.00 - 9.00% of mass 174	5.83 (8.40) ¹
176	95.00 - 101.00% of mass 174	67.13 (96.71) ¹
177	5.00 - 9.00% of mass 176	4.31 (6.42) ²

1 - Value is % mass 174

2 - Value is % mass 176

SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
14546591CCV	14546591CCV	021221.B\J64518.D	02/12/2021	10:09
964040BLANK	964040BLANK	021221.B\J64519.D	02/12/2021	11:09
964041LCS	964041LCS	021221.B\J64520.D	02/12/2021	11:30
BD	70162103007	021221.B\J64523.D	02/12/2021	13:20
MW-1S	70162103001	021221.B\J64524.D	02/12/2021	13:43
MW-2S	70162103002	021221.B\J64525.D	02/12/2021	14:03
MW-5S	70162103003	021221.B\J64526.D	02/12/2021	14:23
MW-8S	70162103004	021221.B\J64527.D	02/12/2021	14:44
MW-10S	70162103005	021221.B\J64528.D	02/12/2021	15:04
MW-11S	70162103006	021221.B\J64529.D	02/12/2021	15:24
964042MS	964042MS	021221.B\J64543.D	02/12/2021	20:09
964043MSD	964043MSD	021221.B\J64544.D	02/12/2021	20:50

MSV - FORM VIII VOA-1
MSV INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Pace Analytical - New York SDG No.: 70162103 Contract: SUTTER AVENUE 2/10
 Sample ID : 14546591CCV Date Analyzed: 02/12/2021
 Instrument ID: 70MSV6 GC Column: Col 1 Time Analyzed: 10:09
 Lab File ID: 021221.B\J64518.D

		AREA CBZ	RT	AREA DCB	RT	AREA DFB	RT	AREA PFB	RT
12 HOUR STD		268271	5.805	239017	7.543	522764	3.885	282232	3.446
UPPER LIMIT		536542	6.305	478034	8.043	1045528	4.385	564464	3.946
LOWER LIMIT		134135.5	5.305	119508.5	7.043	261382	3.385	141116	2.946
LAB SAMPLE ID	SAMPLE NO.								
964040	964040BLANK	254094	5.805	221761	7.543	498867	3.885	279377	3.446
964041	964041LCS	264388	5.806	239635	7.543	516475	3.885	280757	3.446
964042	964042MS	265897	5.805	244905	7.543	515423	3.885	281880	3.446
964043	964043MSD	269420	5.805	250472	7.549	528087	3.885	289864	3.446
70162103001	MW-1S	260147	5.806	227984	7.543	510234	3.885	284003	3.446
70162103002	MW-2S	249193	5.805	224845	7.543	496831	3.885	274566	3.446
70162103003	MW-5S	253719	5.805	226438	7.543	496276	3.885	278903	3.446
70162103004	MW-8S	251604	5.805	227797	7.543	492401	3.885	272769	3.446
70162103005	MW-10S	250516	5.805	226487	7.543	491094	3.885	275746	3.446
70162103006	MW-11S	247122	5.805	221332	7.543	484846	3.885	272186	3.446
70162103007	BD	265690	5.805	234524	7.543	515760	3.885	288229	3.446

CBZ = Chlorobenzene-D5 (IS)
 DCB = 1,4-Dichlorobenzene-d4 (IS)
 DFB = 1,4-Difluorobenzene (IS)
 PFB = Pentafluorobenzene (IS)

AREA UPPER LIMIT = 200% of Internal Standard Area
 AREA LOWER LIMIT = 50% of Internal Standard Area
 RT UPPER LIMIT = +0.50 minutes of Internal Standard RT
 RT LOWER LIMIT = -0.50 minutes of Internal Standard RT

* Values outside of QC Limits

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MW-1S

Lab Name: Pace Analytical - New York
Date Received: 02/10/2021 11:52
Date Extracted: 02/12/2021 13:43
Date Analyzed: 02/12/2021 13:43
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: SUTTER AVENUE 2/10
Matrix: Water SDG No.: 70162103
Lab Sample ID: 70162103001
Lab File ID: 021221.B\J64524.D
Instrument: 70MSV6 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	14.6	
74-87-3	Chloromethane	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	5.3	
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	2.2	
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
75-01-4	Vinyl chloride	<1.0	U

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64524.D
Lab Smp Id: 70162103001 Client Smp ID: MW-1S
Inj Date : 12-FEB-2021 13:43 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103001,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS		
		QUANT		SIG		ON-COLUMN	FINAL	
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	REVIEW C
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51	Compound	Not	Detected.				
2 Dichlorotetrafluoroethane	135	Compound	Not	Detected.				
3 Dichlorodifluoromethane	85	Compound	Not	Detected.				
4 Chloromethane	50	Compound	Not	Detected.				
5 Vinyl chloride	62	Compound	Not	Detected.				
6 1,3-Butadiene	54	Compound	Not	Detected.				
7 Acetaldehyde	44	Compound	Not	Detected.				(D)
8 Bromomethane	94	Compound	Not	Detected.				
9 Chloroethane	64	Compound	Not	Detected.				
10 Dichlorofluoromethane	67	Compound	Not	Detected.				
11 Trichlorofluoromethane	101	Compound	Not	Detected.				
12 Ethanol	45	Compound	Not	Detected.				
13 Diethyl ether (Ethyl ether)	59	Compound	Not	Detected.				
16 1,1,2-Trichlorotrifluoroethane	101	Compound	Not	Detected.				
14 Acrolein	56	Compound	Not	Detected.				
15 1,1-Dichloroethene	96	Compound	Not	Detected.				
17 Acetone	43	Compound	Not	Detected.				
18 Iodomethane	142	Compound	Not	Detected.				
19 2-Propanol	45	Compound	Not	Detected.				
20 Carbon disulfide	76	Compound	Not	Detected.				
21 Allyl chloride	76	Compound	Not	Detected.				
22 Acetonitrile	41	Compound	Not	Detected.				

Compounds	QUANT SIG	CONCENTRATIONS							REVIEW C
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
							(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	
23 Methyl acetate	43	Compound	Not	Detected.					
24 Methylene Chloride	84	Compound	Not	Detected.					
25 tert-Butyl Alcohol	59	Compound	Not	Detected.					
28 Methyl-tert-butyl ether	73	Compound	Not	Detected.					
27 trans-1,2-Dichloroethene	96	Compound	Not	Detected.					
26 Acrylonitrile	53	Compound	Not	Detected.					
30 n-Hexane	57	Compound	Not	Detected.					
29 Diisopropyl ether	45	Compound	Not	Detected.					
32 Vinyl acetate	43	Compound	Not	Detected.					
31 1,1-Dichloroethane	63	Compound	Not	Detected.					
33 Chloroprene	53	Compound	Not	Detected.					
34 Ethyl-tert-butyl ether	59	Compound	Not	Detected.					
36 2,2-Dichloropropane	77	Compound	Not	Detected.					
35 cis-1,2-Dichloroethene	96	Compound	Not	Detected.					
39 Ethyl acetate	61	Compound	Not	Detected.					
37 2-Butanone (MEK)	43	Compound	Not	Detected.					
41 Bromochloromethane	128	Compound	Not	Detected.					
42 Tetrahydrofuran	42	Compound	Not	Detected.					
43 Chloroform	83	3.336	3.336	(0.968)	65999	14.6094	14.6		
38 Propionitrile	54	Compound	Not	Detected.					
46 Cyclohexane	56	Compound	Not	Detected.					
45 1,1,1-Trichloroethane	97	Compound	Not	Detected.					
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	284003	50.0000	(Q)		
48 Carbon tetrachloride	117	Compound	Not	Detected.				(D)	
47 1,1-Dichloropropene	75	Compound	Not	Detected.				(D)	
55 2,2,4-Trimethylpentane	57	Compound	Not	Detected.					
51 Benzene	78	Compound	Not	Detected.					
40 Methacrylonitrile	67	Compound	Not	Detected.					
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	195619	50.6550	50.6		
56 tert-Amylmethyl ether	73	Compound	Not	Detected.					
52 1,2-Dichloroethane	62	Compound	Not	Detected.					
57 n-Heptane	43	Compound	Not	Detected.					
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	510234	50.0000			
59 Trichloroethene	95	4.031	4.031	(1.038)	5904	2.17069	2.17		
60 Methylcyclohexane	83	Compound	Not	Detected.					
49 Isobutanol	43	Compound	Not	Detected.					
53 tert-Amyl Alcohol	59	Compound	Not	Detected.					
54 tert-Amyl ethyl ether	59	Compound	Not	Detected.					
61 1,2-Dichloropropane	63	Compound	Not	Detected.					
63 Methyl methacrylate	69	Compound	Not	Detected.					
64 1,4-Dioxane (p-Dioxane)	88	Compound	Not	Detected.					
62 Dibromomethane	93	Compound	Not	Detected.					
65 Bromodichloromethane	83	Compound	Not	Detected.					
66 2-Nitropropane	43	Compound	Not	Detected.					
67 2-Chloroethylvinyl ether	63	Compound	Not	Detected.					
68 cis-1,3-Dichloropropene	75	Compound	Not	Detected.					
69 4-Methyl-2-pentanone (MIBK)	43	Compound	Not	Detected.				(D)	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	625363	52.9339	52.9		
71 Toluene	91	Compound	Not	Detected.					
72 Methyl isothiocyanate	73	Compound	Not	Detected.					
74 trans-1,3-Dichloropropene	75	Compound	Not	Detected.					
75 Ethyl methacrylate	69	Compound	Not	Detected.					
76 1,1,2-Trichloroethane	83	Compound	Not	Detected.					
77 Tetrachloroethene	166	5.195	5.195	(0.895)	14191	5.28424	5.28		
78 1,3-Dichloropropane	76	Compound	Not	Detected.					

Compounds	QUANT SIG							CONCENTRATIONS		REVIEW C
		RT	EXP	RT	REL	RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	=====	=====	=====	=====	=====	=====	(ug/L)	(ug/L)	=====
79 2-Hexanone	43	Compound	Not	Detected.						
73 n-Octane	43	Compound	Not	Detected.						
81 n-Butyl acetate	43	Compound	Not	Detected.						
80 Dibromochloromethane	129	Compound	Not	Detected.						
82 1,2-Dibromoethane (EDB)	107	Compound	Not	Detected.						
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)		260147	50.0000			
84 Chlorobenzene	112	Compound	Not	Detected.						
86 Ethylbenzene	106	Compound	Not	Detected.						
85 1,1,1,2-Tetrachloroethane	131	Compound	Not	Detected.						
88 n-Nonane	43	Compound	Not	Detected.						
87 m&p-Xylene	106	Compound	Not	Detected.						
89 o-Xylene	106	Compound	Not	Detected.						
90 Styrene	104	Compound	Not	Detected.						
91 Bromoform	173	Compound	Not	Detected.						
92 Isopropylbenzene (Cumene)	105	Compound	Not	Detected.						
\$ 93 4-Bromofluorobenzene (S)	95	6.665	6.665	(1.148)		220780	49.1431	49.1		
94 Bromobenzene	156	Compound	Not	Detected.						
95 1,1,2,2-Tetrachloroethane	83	Compound	Not	Detected.						
98 n-Propylbenzene	91	Compound	Not	Detected.						
96 1,2,3-Trichloropropane	110	Compound	Not	Detected.						
97 trans-1,4-Dichloro-2-butene	53	Compound	Not	Detected.						
103 n-Decane	43	Compound	Not	Detected.						
99 2-Chlorotoluene	91	Compound	Not	Detected.						
100 4-Ethyltoluene	105	Compound	Not	Detected.						
101 1,3,5-Trimethylbenzene	105	Compound	Not	Detected.						
102 4-Chlorotoluene	91	Compound	Not	Detected.						
104 tert-Butylbenzene	119	Compound	Not	Detected.						
105 Pentachloroethane	167	Compound	Not	Detected.						
106 1,2,4-Trimethylbenzene	105	Compound	Not	Detected.						
107 sec-Butylbenzene	105	Compound	Not	Detected.						
109 d-Limonene	136	Compound	Not	Detected.						
110 p-Isopropyltoluene	119	Compound	Not	Detected.						
108 1,3-Dichlorobenzene	146	Compound	Not	Detected.						
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)		227984	50.0000			
112 1,4-Dichlorobenzene	146	Compound	Not	Detected.						
113 1,2,3-Trimethylbenzene	105	Compound	Not	Detected.						
114 Benzyl chloride	91	Compound	Not	Detected.						
115 trans-Decalin	138	Compound	Not	Detected.						
116 1,4-Diethylbenzene	119	Compound	Not	Detected.						
117 n-Butylbenzene	91	Compound	Not	Detected.						
119 n-Undecane	43	Compound	Not	Detected.						
118 1,2-Dichlorobenzene	146	Compound	Not	Detected.						
120 cis-Decalin	138	Compound	Not	Detected.						
121 1,2,4,5-tetramethylbenzene	119	Compound	Not	Detected.						
122 1,2-Dibromo-3-chloropropane	75	Compound	Not	Detected.						
123 n-Dodecane	43	Compound	Not	Detected.						(D)
124 1,2,4-Trichlorobenzene	180	Compound	Not	Detected.						
125 Hexachloro-1,3-butadiene	225	Compound	Not	Detected.						
126 Naphthalene	128	Compound	Not	Detected.						
127 1,2,3-Trichlorobenzene	180	Compound	Not	Detected.						

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64524.D
Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

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Report Date: 15-Feb-2021 11:54

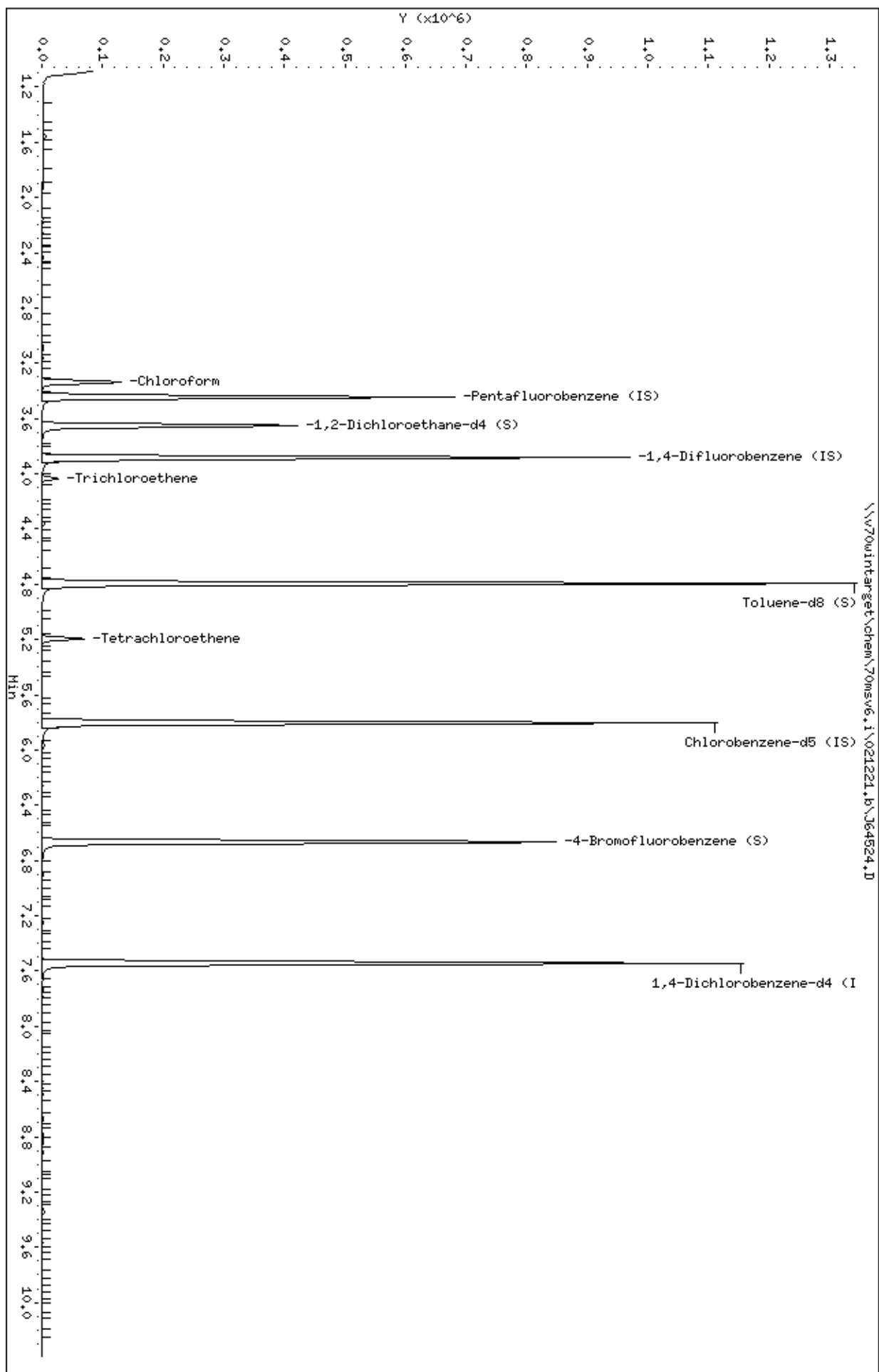
Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1
Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64524.D
Lab Smp Id: 70162103001 Client Smp ID: MW-1S
Inj Date : 12-FEB-2021 13:43 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103001,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

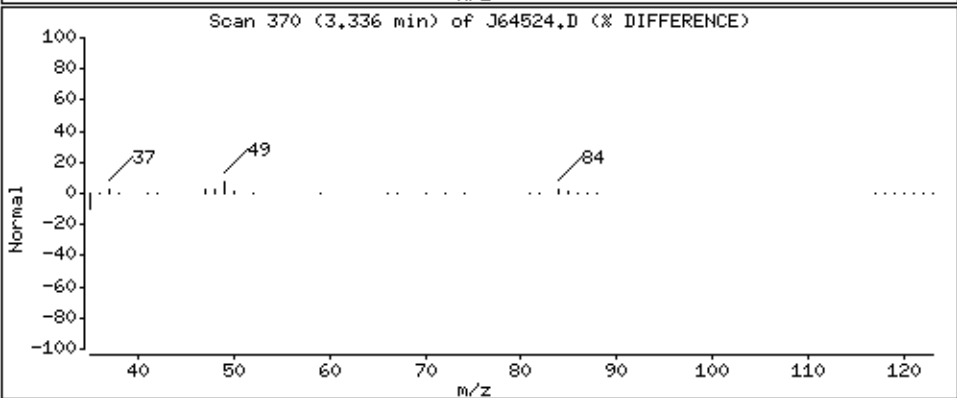
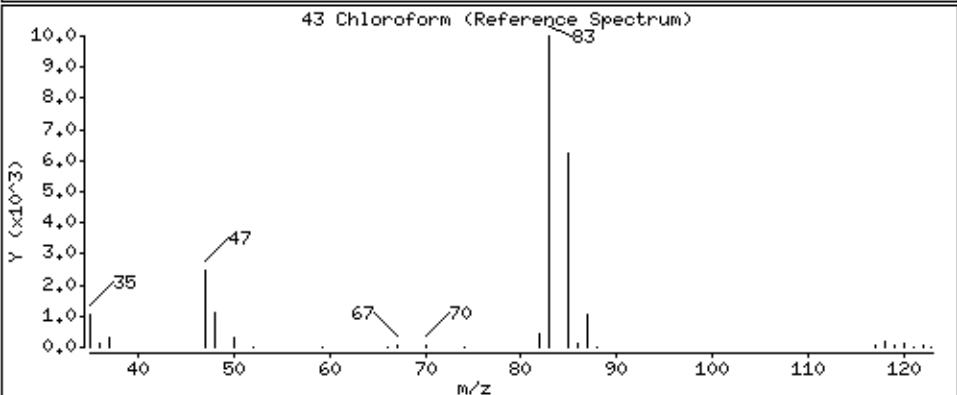
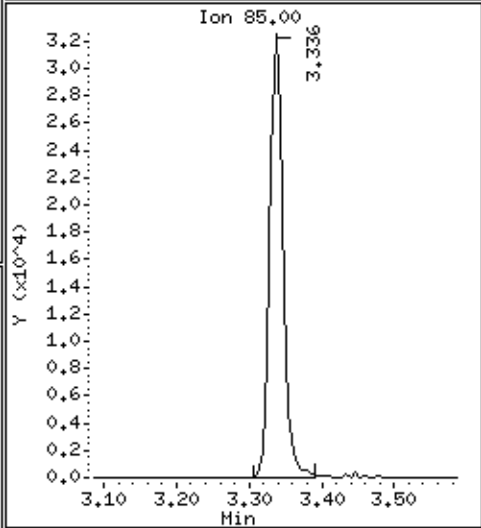
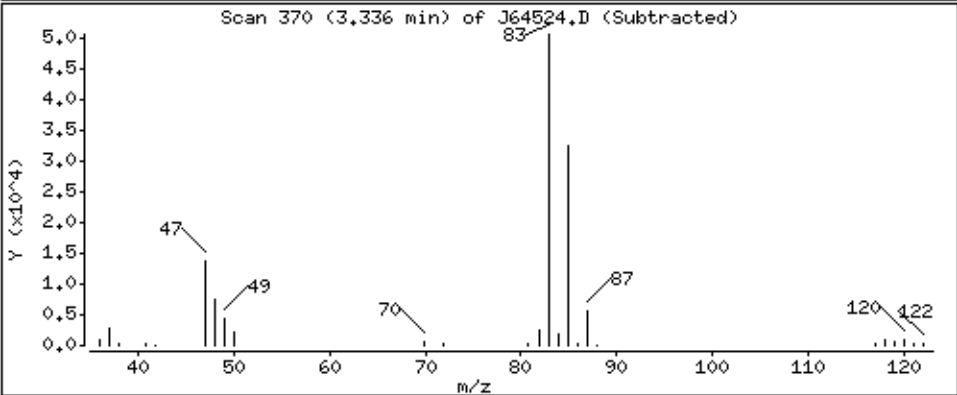
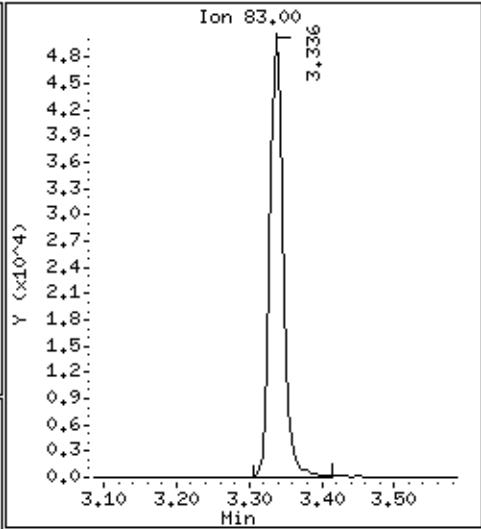
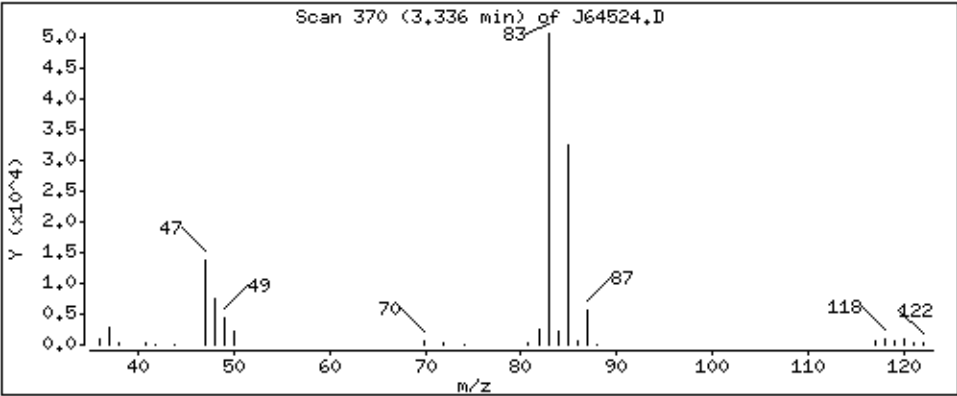
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Date : 12-FEB-2021 13:43
Client ID: HM-1S
Sample Info: 70162103001,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64524.D
Date : 12-FEB-2021 13:43
Client ID: MW-1S
Sample Info: 70162103001,
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

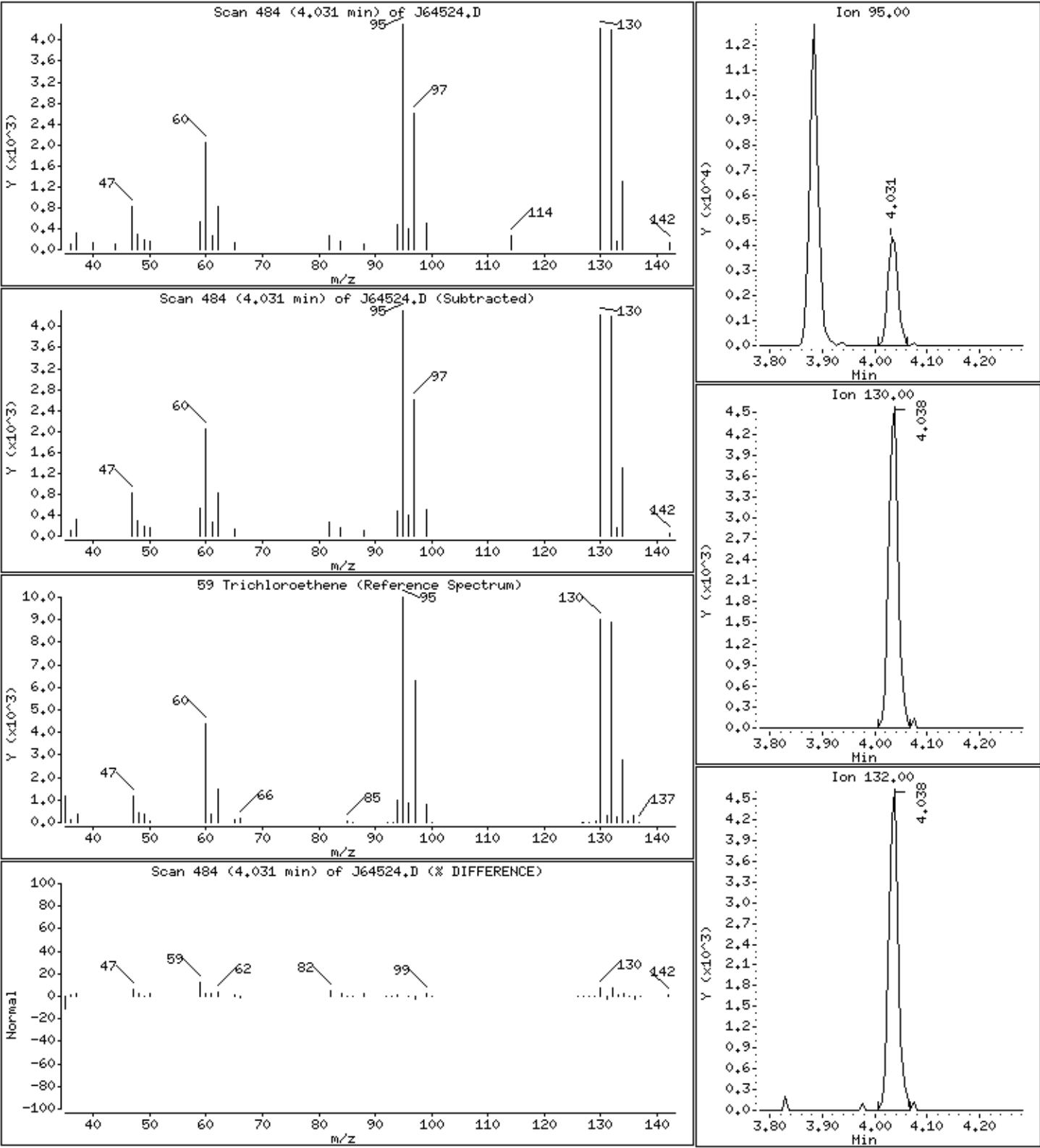
43 Chloroform Concentration: 14,6 ug/L Review Code:



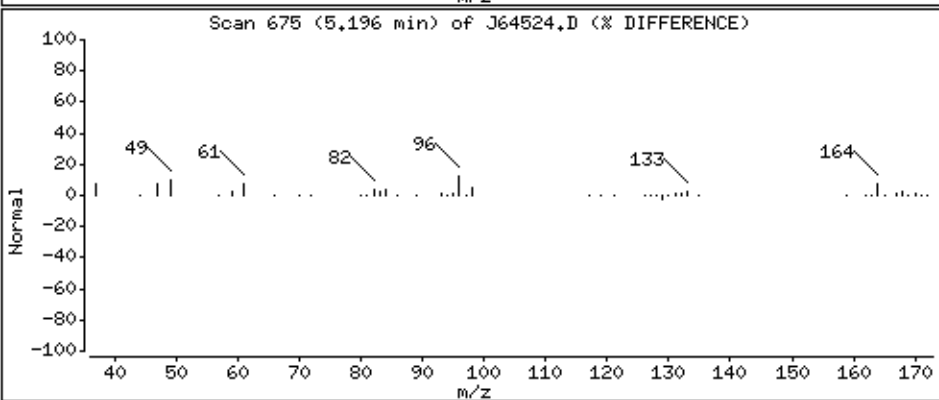
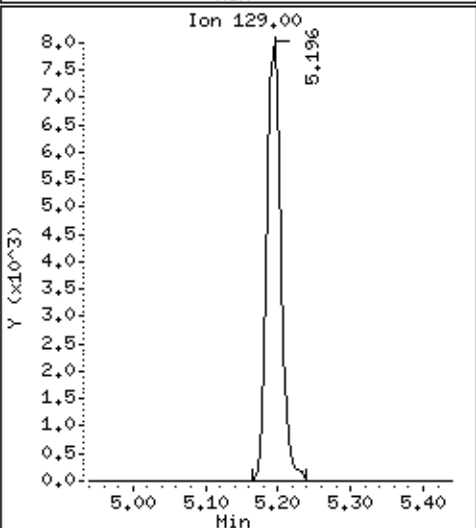
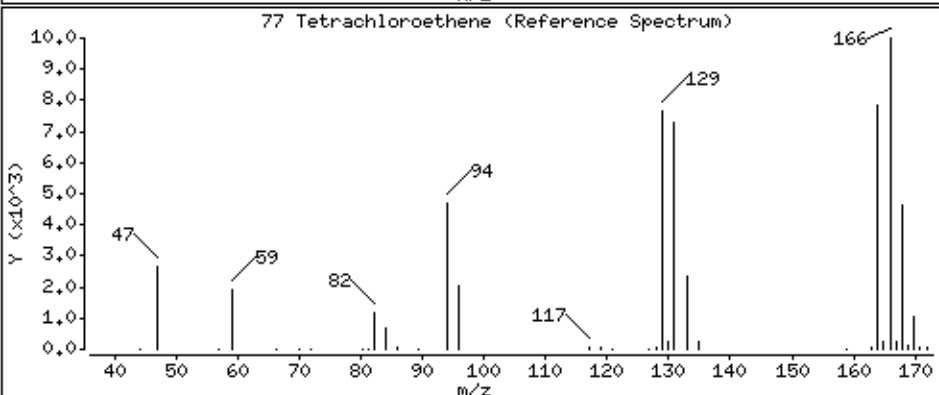
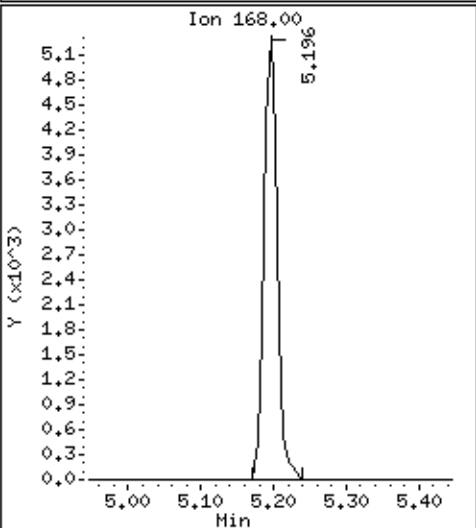
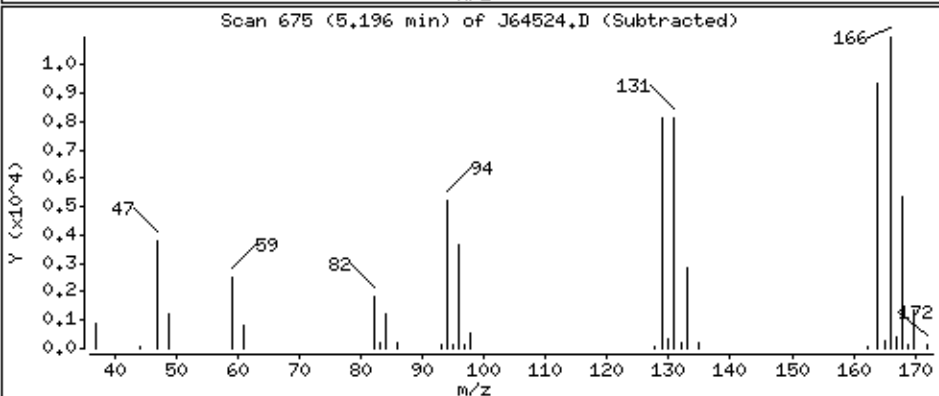
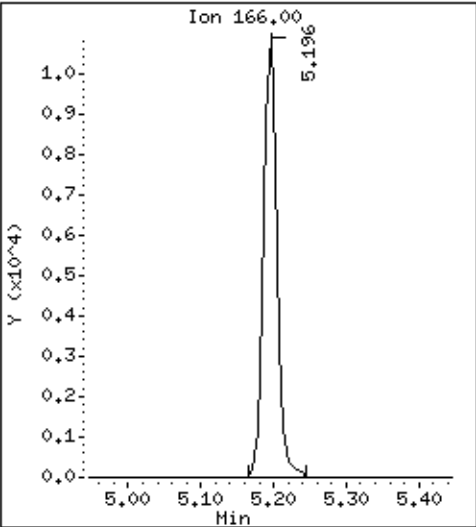
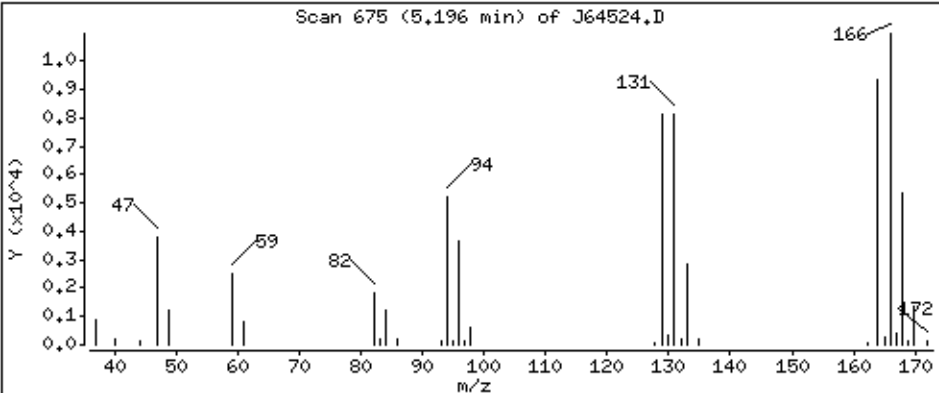
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Date : 12-FEB-2021 13:43
Client ID: MW-1S
Sample Info: 70162103001,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

59 Trichloroethene Concentration: 2,17 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64524.D
Date : 12-FEB-2021 13:43
Client ID: MW-1S
Sample Info: 70162103001,
Purge Volume: 5.0
Column phase: RTX-624
77 Tetrachloroethene
Concentration: 5.28 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64524.D
Injection Date: 12-FEB-2021 13:43
Instrument: 70msv6.i
Lab Sample ID: 70162103001
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MW-2S

Lab Name: Pace Analytical - New York
Date Received: 02/10/2021 11:52
Date Extracted: 02/12/2021 14:03
Date Analyzed: 02/12/2021 14:03
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: SUTTER AVENUE 2/10
Matrix: Water SDG No.: 70162103
Lab Sample ID: 70162103002
Lab File ID: 021221.B\J64525.D
Instrument: 70MSV6 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	4.8	
74-87-3	Chloromethane	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
79-34-5	1,1,1,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	1.3	
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
75-01-4	Vinyl chloride	<1.0	U

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64525.D
Lab Smp Id: 70162103002 Client Smp ID: MW-2S
Inj Date : 12-FEB-2021 14:03 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103002,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS		
		QUANT		SIG		ON-COLUMN	FINAL	
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	REVIEW C
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51	Compound	Not	Detected.				
2 Dichlorotetrafluoroethane	135	Compound	Not	Detected.				
3 Dichlorodifluoromethane	85	Compound	Not	Detected.				
4 Chloromethane	50	Compound	Not	Detected.				
5 Vinyl chloride	62	Compound	Not	Detected.				
6 1,3-Butadiene	54	Compound	Not	Detected.				
7 Acetaldehyde	44	Compound	Not	Detected.				(D)
8 Bromomethane	94	Compound	Not	Detected.				
9 Chloroethane	64	Compound	Not	Detected.				
10 Dichlorofluoromethane	67	Compound	Not	Detected.				
11 Trichlorofluoromethane	101	Compound	Not	Detected.				
12 Ethanol	45	Compound	Not	Detected.				
13 Diethyl ether (Ethyl ether)	59	Compound	Not	Detected.				
16 1,1,2-Trichlorotrifluoroethane	101	Compound	Not	Detected.				
14 Acrolein	56	Compound	Not	Detected.				
15 1,1-Dichloroethene	96	Compound	Not	Detected.				
17 Acetone	43	Compound	Not	Detected.				
18 Iodomethane	142	Compound	Not	Detected.				
19 2-Propanol	45	Compound	Not	Detected.				
20 Carbon disulfide	76	Compound	Not	Detected.				
21 Allyl chloride	76	Compound	Not	Detected.				
22 Acetonitrile	41	Compound	Not	Detected.				

Compounds	QUANT SIG	CONCENTRATIONS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN		FINAL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
23 Methyl acetate	43	Compound	Not	Detected.					
24 Methylene Chloride	84	Compound	Not	Detected.					
25 tert-Butyl Alcohol	59	Compound	Not	Detected.					
28 Methyl-tert-butyl ether	73	Compound	Not	Detected.					
27 trans-1,2-Dichloroethene	96	Compound	Not	Detected.					
26 Acrylonitrile	53	Compound	Not	Detected.					
30 n-Hexane	57	Compound	Not	Detected.					
29 Diisopropyl ether	45	Compound	Not	Detected.					
32 Vinyl acetate	43	Compound	Not	Detected.					
31 1,1-Dichloroethane	63	Compound	Not	Detected.					
33 Chloroprene	53	Compound	Not	Detected.					
34 Ethyl-tert-butyl ether	59	Compound	Not	Detected.					
36 2,2-Dichloropropane	77	Compound	Not	Detected.					
35 cis-1,2-Dichloroethene	96	Compound	Not	Detected.					
39 Ethyl acetate	61	Compound	Not	Detected.					
37 2-Butanone (MEK)	43	Compound	Not	Detected.					
41 Bromochloromethane	128	Compound	Not	Detected.					
42 Tetrahydrofuran	42	Compound	Not	Detected.					
43 Chloroform	83	3.336	3.336	(0.968)	20925	4.79111	4.79		
38 Propionitrile	54	Compound	Not	Detected.					
46 Cyclohexane	56	Compound	Not	Detected.					
45 1,1,1-Trichloroethane	97	Compound	Not	Detected.					
* 44 Pentafluorobenzene (IS)	168	3.445	3.446	(1.000)	274566	50.0000	(Q)		
48 Carbon tetrachloride	117	Compound	Not	Detected.				(D)	
47 1,1-Dichloropropene	75	Compound	Not	Detected.				(D)	
55 2,2,4-Trimethylpentane	57	Compound	Not	Detected.					
51 Benzene	78	Compound	Not	Detected.					
40 Methacrylonitrile	67	Compound	Not	Detected.					
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	190628	50.6943	50.7		
56 tert-Amylmethyl ether	73	Compound	Not	Detected.					
52 1,2-Dichloroethane	62	Compound	Not	Detected.					
57 n-Heptane	43	Compound	Not	Detected.					
* 58 1,4-Difluorobenzene (IS)	114	3.884	3.885	(1.000)	496831	50.0000			
59 Trichloroethene	95	Compound	Not	Detected.					
60 Methylcyclohexane	83	Compound	Not	Detected.					
49 Isobutanol	43	Compound	Not	Detected.					
53 tert-Amyl Alcohol	59	Compound	Not	Detected.					
54 tert-Amyl ethyl ether	59	Compound	Not	Detected.					
61 1,2-Dichloropropane	63	Compound	Not	Detected.					
63 Methyl methacrylate	69	Compound	Not	Detected.					
64 1,4-Dioxane (p-Dioxane)	88	Compound	Not	Detected.					
62 Dibromomethane	93	Compound	Not	Detected.					
65 Bromodichloromethane	83	Compound	Not	Detected.					
66 2-Nitropropane	43	Compound	Not	Detected.					
67 2-Chloroethylvinyl ether	63	Compound	Not	Detected.					
68 cis-1,3-Dichloropropene	75	Compound	Not	Detected.					
69 4-Methyl-2-pentanone (MIBK)	43	Compound	Not	Detected.				(D)	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	608590	53.7786	53.8		
71 Toluene	91	Compound	Not	Detected.					
72 Methyl isothiocyanate	73	Compound	Not	Detected.					
74 trans-1,3-Dichloropropene	75	Compound	Not	Detected.					
75 Ethyl methacrylate	69	Compound	Not	Detected.					
76 1,1,2-Trichloroethane	83	Compound	Not	Detected.					
77 Tetrachloroethene	166	5.195	5.195	(0.895)	3234	1.25717	1.26		
78 1,3-Dichloropropane	76	Compound	Not	Detected.					

Compounds	QUANT SIG							CONCENTRATIONS		REVIEW C
		RT	EXP	RT	REL	RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	=====	=====	=====	=====	=====	=====	(ug/L)	(ug/L)	=====
79 2-Hexanone	43	Compound	Not	Detected.						
73 n-Octane	43	Compound	Not	Detected.						
81 n-Butyl acetate	43	Compound	Not	Detected.						
80 Dibromochloromethane	129	Compound	Not	Detected.						
82 1,2-Dibromoethane (EDB)	107	Compound	Not	Detected.						
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)		249193	50.0000			
84 Chlorobenzene	112	Compound	Not	Detected.						
86 Ethylbenzene	106	Compound	Not	Detected.						
85 1,1,1,2-Tetrachloroethane	131	Compound	Not	Detected.						
88 n-Nonane	43	Compound	Not	Detected.						
87 m&p-Xylene	106	Compound	Not	Detected.						
89 o-Xylene	106	Compound	Not	Detected.						
90 Styrene	104	Compound	Not	Detected.						
91 Bromoform	173	Compound	Not	Detected.						
92 Isopropylbenzene (Cumene)	105	Compound	Not	Detected.						
\$ 93 4-Bromofluorobenzene (S)	95	6.664	6.665	(1.148)		214023	49.7331	49.7		
94 Bromobenzene	156	Compound	Not	Detected.						
95 1,1,2,2-Tetrachloroethane	83	Compound	Not	Detected.						
98 n-Propylbenzene	91	Compound	Not	Detected.						
96 1,2,3-Trichloropropane	110	Compound	Not	Detected.						
97 trans-1,4-Dichloro-2-butene	53	Compound	Not	Detected.						
103 n-Decane	43	Compound	Not	Detected.						
99 2-Chlorotoluene	91	Compound	Not	Detected.						
100 4-Ethyltoluene	105	Compound	Not	Detected.						
101 1,3,5-Trimethylbenzene	105	Compound	Not	Detected.						
102 4-Chlorotoluene	91	Compound	Not	Detected.						
104 tert-Butylbenzene	119	Compound	Not	Detected.						
105 Pentachloroethane	167	Compound	Not	Detected.						
106 1,2,4-Trimethylbenzene	105	Compound	Not	Detected.						
107 sec-Butylbenzene	105	Compound	Not	Detected.						
109 d-Limonene	136	Compound	Not	Detected.						
110 p-Isopropyltoluene	119	Compound	Not	Detected.						
108 1,3-Dichlorobenzene	146	Compound	Not	Detected.						
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)		224845	50.0000			
112 1,4-Dichlorobenzene	146	Compound	Not	Detected.						
113 1,2,3-Trimethylbenzene	105	Compound	Not	Detected.						
114 Benzyl chloride	91	Compound	Not	Detected.						
115 trans-Decalin	138	Compound	Not	Detected.						
116 1,4-Diethylbenzene	119	Compound	Not	Detected.						
117 n-Butylbenzene	91	Compound	Not	Detected.						
119 n-Undecane	43	Compound	Not	Detected.						
118 1,2-Dichlorobenzene	146	Compound	Not	Detected.						
120 cis-Decalin	138	Compound	Not	Detected.						
121 1,2,4,5-tetramethylbenzene	119	Compound	Not	Detected.						
122 1,2-Dibromo-3-chloropropane	75	Compound	Not	Detected.						
123 n-Dodecane	43	Compound	Not	Detected.						(D)
124 1,2,4-Trichlorobenzene	180	Compound	Not	Detected.						
125 Hexachloro-1,3-butadiene	225	Compound	Not	Detected.						
126 Naphthalene	128	Compound	Not	Detected.						
127 1,2,3-Trichlorobenzene	180	Compound	Not	Detected.						

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64525.D
Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

:

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64525.D
Report Date: 15-Feb-2021 11:54

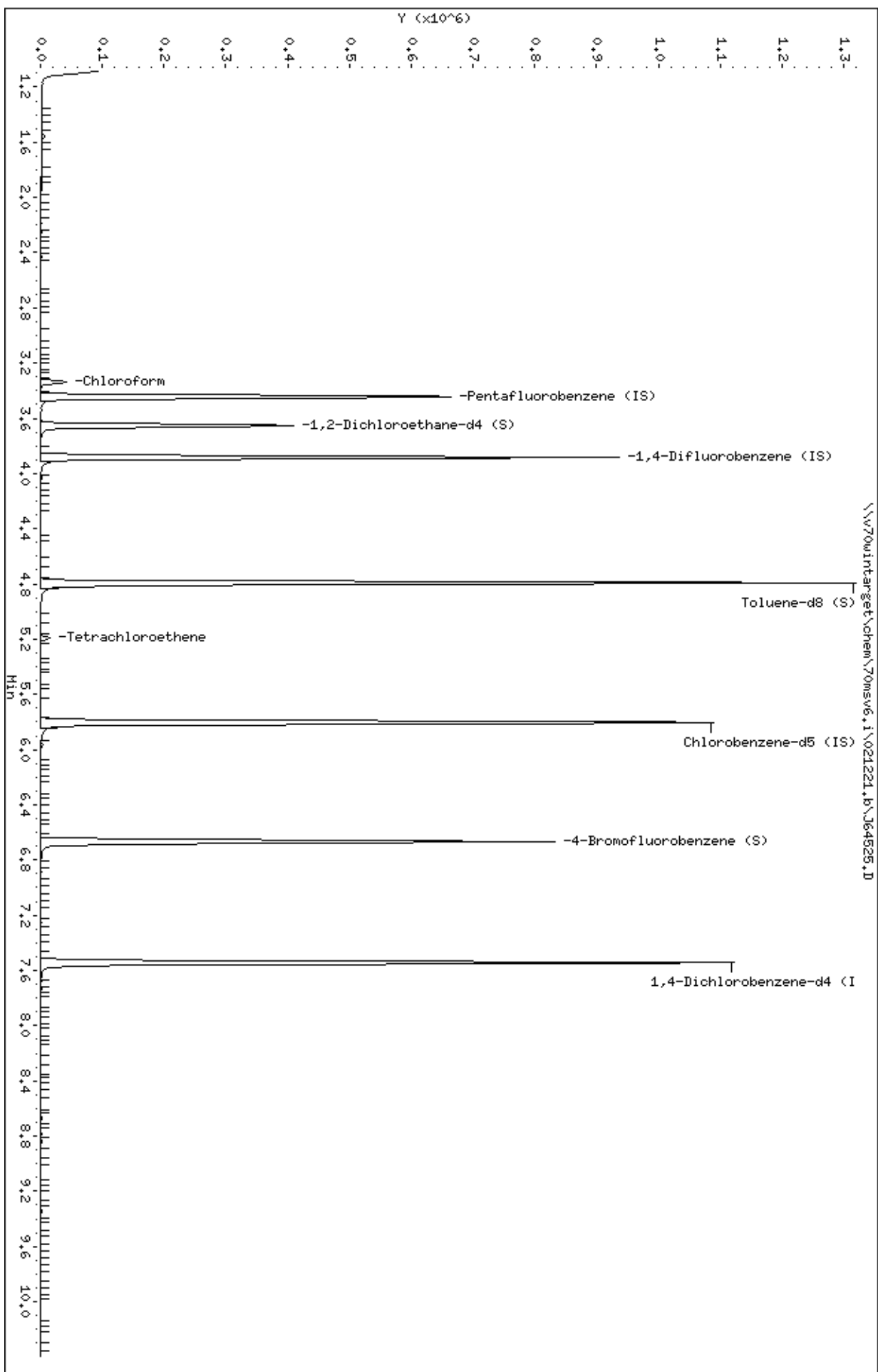
Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1
Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64525.D
Lab Smp Id: 70162103002 Client Smp ID: MW-2S
Inj Date : 12-FEB-2021 14:03 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103002,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\w70wintarget\chem\70msv6.i\021221.b\J64525.D
Date : 12-FEB-2021 14:03
Client ID: HM-2S
Sample Info: 70162103002,
Purge Volume: 5.0
Column phase: RTX-624

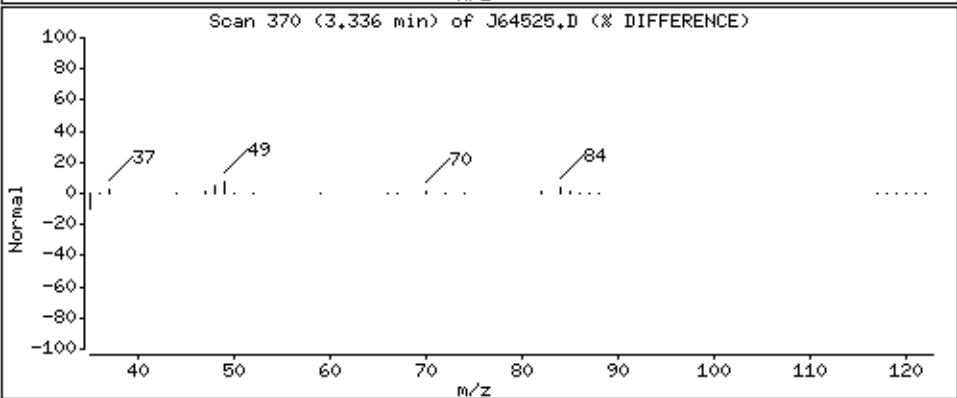
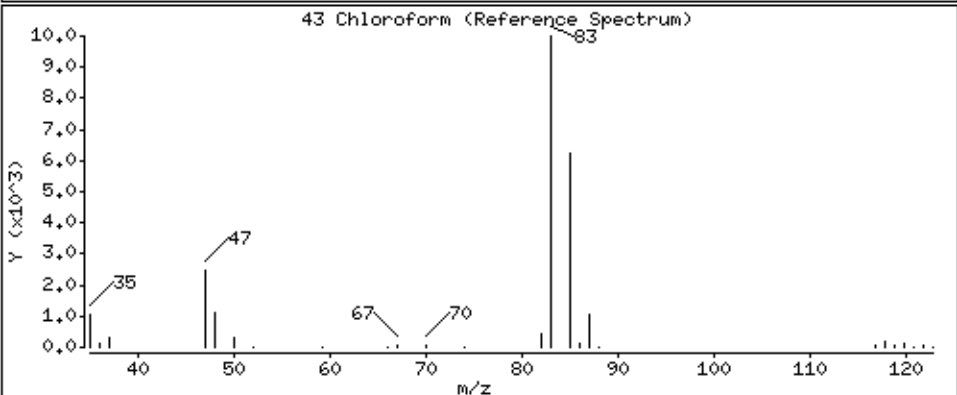
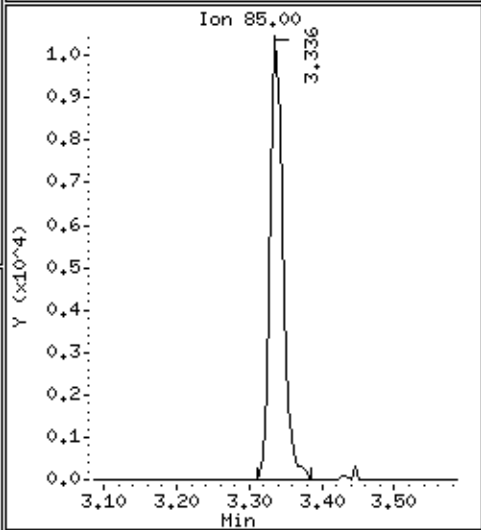
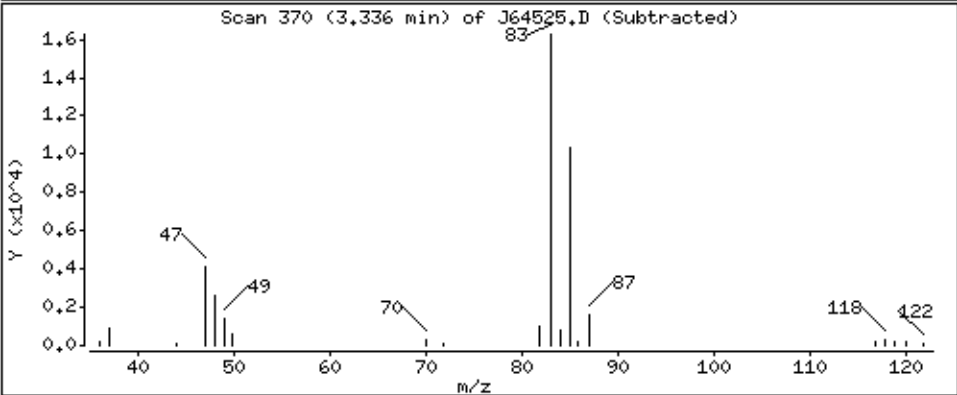
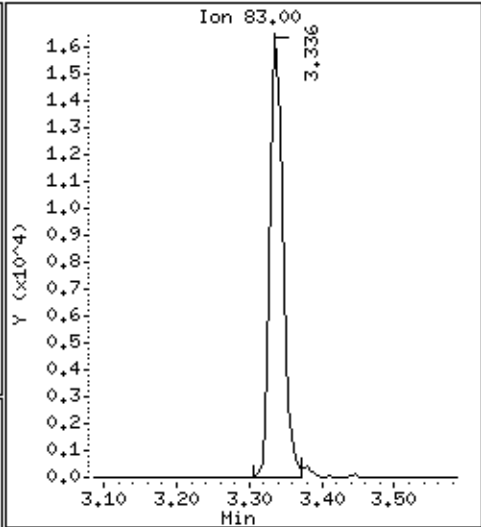
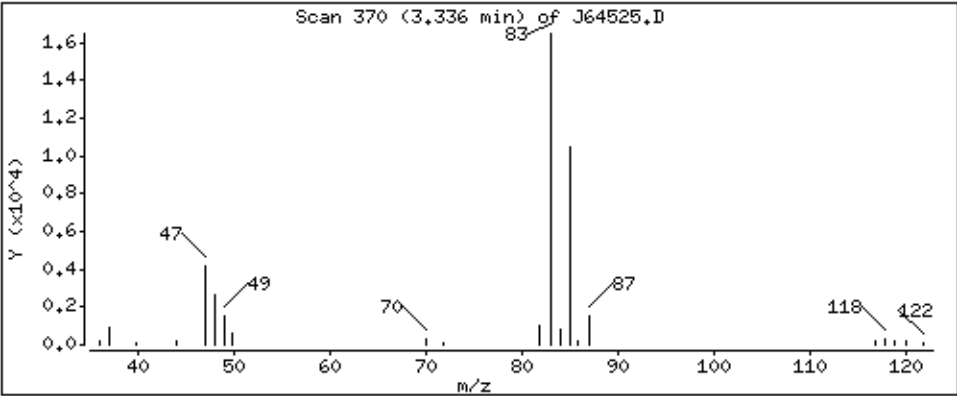
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64525.D
Date : 12-FEB-2021 14:03
Client ID: MW-2S
Sample Info: 70162103002,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

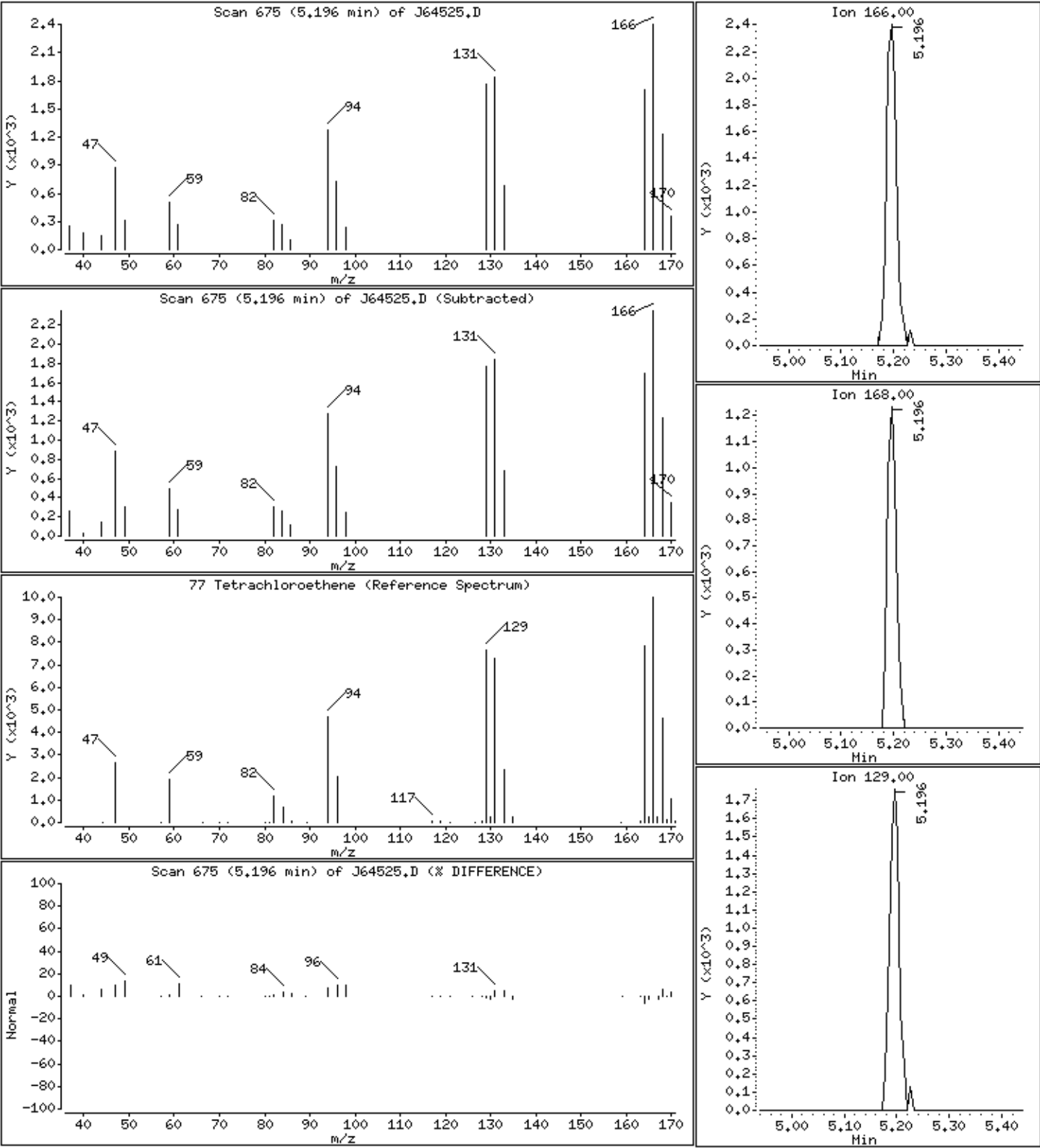
43 Chloroform Concentration: 4,79 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64525.D
Date : 12-FEB-2021 14:03
Client ID: MW-2S
Sample Info: 70162103002,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

77 Tetrachloroethene Concentration: 1.26 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64525.D
Injection Date: 12-FEB-2021 14:03
Instrument: 70msv6.i
Lab Sample ID: 70162103002
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MW-5S

Lab Name: Pace Analytical - New York
Date Received: 02/10/2021 11:52
Date Extracted: 02/12/2021 14:23
Date Analyzed: 02/12/2021 14:23
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: SUTTER AVENUE 2/10
Matrix: Water SDG No.: 70162103
Lab Sample ID: 70162103003
Lab File ID: 021221.B\J64526.D
Instrument: 70MSV6 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	2.6	
74-87-3	Chloromethane	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	1.3	
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	17.0	
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	1.2	
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
75-01-4	Vinyl chloride	<1.0	U

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64526.D
Lab Smp Id: 70162103003 Client Smp ID: MW-5S
Inj Date : 12-FEB-2021 14:23 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103003,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS		
		QUANT		SIG		ON-COLUMN	FINAL	
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	REVIEW C
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51	Compound	Not	Detected.				
2 Dichlorotetrafluoroethane	135	Compound	Not	Detected.				
3 Dichlorodifluoromethane	85	Compound	Not	Detected.				
4 Chloromethane	50	Compound	Not	Detected.				
5 Vinyl chloride	62	Compound	Not	Detected.				
6 1,3-Butadiene	54	Compound	Not	Detected.				
7 Acetaldehyde	44	Compound	Not	Detected.				(D)
8 Bromomethane	94	Compound	Not	Detected.				
9 Chloroethane	64	Compound	Not	Detected.				
10 Dichlorofluoromethane	67	Compound	Not	Detected.				
11 Trichlorofluoromethane	101	Compound	Not	Detected.				
12 Ethanol	45	Compound	Not	Detected.				
13 Diethyl ether (Ethyl ether)	59	Compound	Not	Detected.				
16 1,1,2-Trichlorotrifluoroethane	101	Compound	Not	Detected.				
14 Acrolein	56	Compound	Not	Detected.				
15 1,1-Dichloroethene	96	Compound	Not	Detected.				
17 Acetone	43	Compound	Not	Detected.				
18 Iodomethane	142	Compound	Not	Detected.				
19 2-Propanol	45	Compound	Not	Detected.				
20 Carbon disulfide	76	Compound	Not	Detected.				
21 Allyl chloride	76	Compound	Not	Detected.				
22 Acetonitrile	41	Compound	Not	Detected.				

Compounds	QUANT SIG	CONCENTRATIONS							REVIEW C
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
							(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	
23 Methyl acetate	43	Compound	Not	Detected.					
24 Methylene Chloride	84	Compound	Not	Detected.					
25 tert-Butyl Alcohol	59	Compound	Not	Detected.					
28 Methyl-tert-butyl ether	73	Compound	Not	Detected.					
27 trans-1,2-Dichloroethene	96	Compound	Not	Detected.					
26 Acrylonitrile	53	Compound	Not	Detected.					
30 n-Hexane	57	Compound	Not	Detected.					
29 Diisopropyl ether	45	Compound	Not	Detected.					
32 Vinyl acetate	43	Compound	Not	Detected.					
31 1,1-Dichloroethane	63	Compound	Not	Detected.					
33 Chloroprene	53	Compound	Not	Detected.					
34 Ethyl-tert-butyl ether	59	Compound	Not	Detected.					
36 2,2-Dichloropropane	77	Compound	Not	Detected.					
35 cis-1,2-Dichloroethene	96	3.165	3.159	(0.919)	3637	1.29852	1.30 (Q)		
39 Ethyl acetate	61	Compound	Not	Detected.					
37 2-Butanone (MEK)	43	Compound	Not	Detected.					
41 Bromochloromethane	128	Compound	Not	Detected.					
42 Tetrahydrofuran	42	Compound	Not	Detected.					
43 Chloroform	83	3.336	3.336	(0.968)	11472	2.58585	2.58		
38 Propionitrile	54	Compound	Not	Detected.					
46 Cyclohexane	56	Compound	Not	Detected.					
45 1,1,1-Trichloroethane	97	Compound	Not	Detected.					
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	278903	50.0000	(Q)		
48 Carbon tetrachloride	117	Compound	Not	Detected.				(D)	
47 1,1-Dichloropropene	75	Compound	Not	Detected.				(D)	
55 2,2,4-Trimethylpentane	57	Compound	Not	Detected.					
51 Benzene	78	Compound	Not	Detected.					
40 Methacrylonitrile	67	Compound	Not	Detected.					
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	190520	50.7222	50.7		
56 tert-Amylmethyl ether	73	Compound	Not	Detected.					
52 1,2-Dichloroethane	62	Compound	Not	Detected.					
57 n-Heptane	43	Compound	Not	Detected.					
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	496276	50.0000			
59 Trichloroethene	95	4.037	4.031	(1.039)	3123	1.18051	1.18		
60 Methylcyclohexane	83	Compound	Not	Detected.					
49 Isobutanol	43	Compound	Not	Detected.					
53 tert-Amyl Alcohol	59	Compound	Not	Detected.					
54 tert-Amyl ethyl ether	59	Compound	Not	Detected.					
61 1,2-Dichloropropane	63	Compound	Not	Detected.					
63 Methyl methacrylate	69	Compound	Not	Detected.					
64 1,4-Dioxane (p-Dioxane)	88	Compound	Not	Detected.					
62 Dibromomethane	93	Compound	Not	Detected.					
65 Bromodichloromethane	83	Compound	Not	Detected.					
66 2-Nitropropane	43	Compound	Not	Detected.					
67 2-Chloroethylvinyl ether	63	Compound	Not	Detected.					
68 cis-1,3-Dichloropropene	75	Compound	Not	Detected.					
69 4-Methyl-2-pentanone (MIBK)	43	Compound	Not	Detected.				(D)	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	609929	52.9355	52.9		
71 Toluene	91	Compound	Not	Detected.					
72 Methyl isothiocyanate	73	Compound	Not	Detected.					
74 trans-1,3-Dichloropropene	75	Compound	Not	Detected.					
75 Ethyl methacrylate	69	Compound	Not	Detected.					
76 1,1,2-Trichloroethane	83	Compound	Not	Detected.					
77 Tetrachloroethene	166	5.195	5.195	(0.895)	44620	17.0359	17.0		
78 1,3-Dichloropropane	76	Compound	Not	Detected.					

Compounds	QUANT SIG	RT	EXP	RT	REL	RT	RESPONSE	CONCENTRATIONS		REVIEW
								ON-COLUMN	FINAL	
	MASS							(ug/L)	(ug/L)	C
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
79 2-Hexanone	43	Compound	Not	Detected.						
73 n-Octane	43	Compound	Not	Detected.						
81 n-Butyl acetate	43	Compound	Not	Detected.						
80 Dibromochloromethane	129	Compound	Not	Detected.						
82 1,2-Dibromoethane (EDB)	107	Compound	Not	Detected.						
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)		253719	50.0000			
84 Chlorobenzene	112	Compound	Not	Detected.						
86 Ethylbenzene	106	Compound	Not	Detected.						
85 1,1,1,2-Tetrachloroethane	131	Compound	Not	Detected.						
88 n-Nonane	43	Compound	Not	Detected.						
87 m&p-Xylene	106	Compound	Not	Detected.						
89 o-Xylene	106	Compound	Not	Detected.						
90 Styrene	104	Compound	Not	Detected.						
91 Bromoform	173	Compound	Not	Detected.						
92 Isopropylbenzene (Cumene)	105	Compound	Not	Detected.						
\$ 93 4-Bromofluorobenzene (S)	95	6.665	6.665	(1.148)		217534	49.6473	49.6		
94 Bromobenzene	156	Compound	Not	Detected.						
95 1,1,2,2-Tetrachloroethane	83	Compound	Not	Detected.						
98 n-Propylbenzene	91	Compound	Not	Detected.						
96 1,2,3-Trichloropropane	110	Compound	Not	Detected.						
97 trans-1,4-Dichloro-2-butene	53	Compound	Not	Detected.						
103 n-Decane	43	Compound	Not	Detected.						
99 2-Chlorotoluene	91	Compound	Not	Detected.						
100 4-Ethyltoluene	105	Compound	Not	Detected.						
101 1,3,5-Trimethylbenzene	105	Compound	Not	Detected.						
102 4-Chlorotoluene	91	Compound	Not	Detected.						
104 tert-Butylbenzene	119	Compound	Not	Detected.						
105 Pentachloroethane	167	Compound	Not	Detected.						
106 1,2,4-Trimethylbenzene	105	Compound	Not	Detected.						
107 sec-Butylbenzene	105	Compound	Not	Detected.						
109 d-Limonene	136	Compound	Not	Detected.						
110 p-Isopropyltoluene	119	Compound	Not	Detected.						
108 1,3-Dichlorobenzene	146	Compound	Not	Detected.						
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)		226438	50.0000			
112 1,4-Dichlorobenzene	146	Compound	Not	Detected.						
113 1,2,3-Trimethylbenzene	105	Compound	Not	Detected.						
114 Benzyl chloride	91	Compound	Not	Detected.						
115 trans-Decalin	138	Compound	Not	Detected.						
116 1,4-Diethylbenzene	119	Compound	Not	Detected.						
117 n-Butylbenzene	91	Compound	Not	Detected.						
119 n-Undecane	43	Compound	Not	Detected.						(D)
118 1,2-Dichlorobenzene	146	Compound	Not	Detected.						
120 cis-Decalin	138	Compound	Not	Detected.						
121 1,2,4,5-tetramethylbenzene	119	Compound	Not	Detected.						
122 1,2-Dibromo-3-chloropropane	75	Compound	Not	Detected.						
123 n-Dodecane	43	Compound	Not	Detected.						(D)
124 1,2,4-Trichlorobenzene	180	Compound	Not	Detected.						
125 Hexachloro-1,3-butadiene	225	Compound	Not	Detected.						
126 Naphthalene	128	Compound	Not	Detected.						
127 1,2,3-Trichlorobenzene	180	Compound	Not	Detected.						

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64526.D
Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

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Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64526.D
Report Date: 15-Feb-2021 11:54

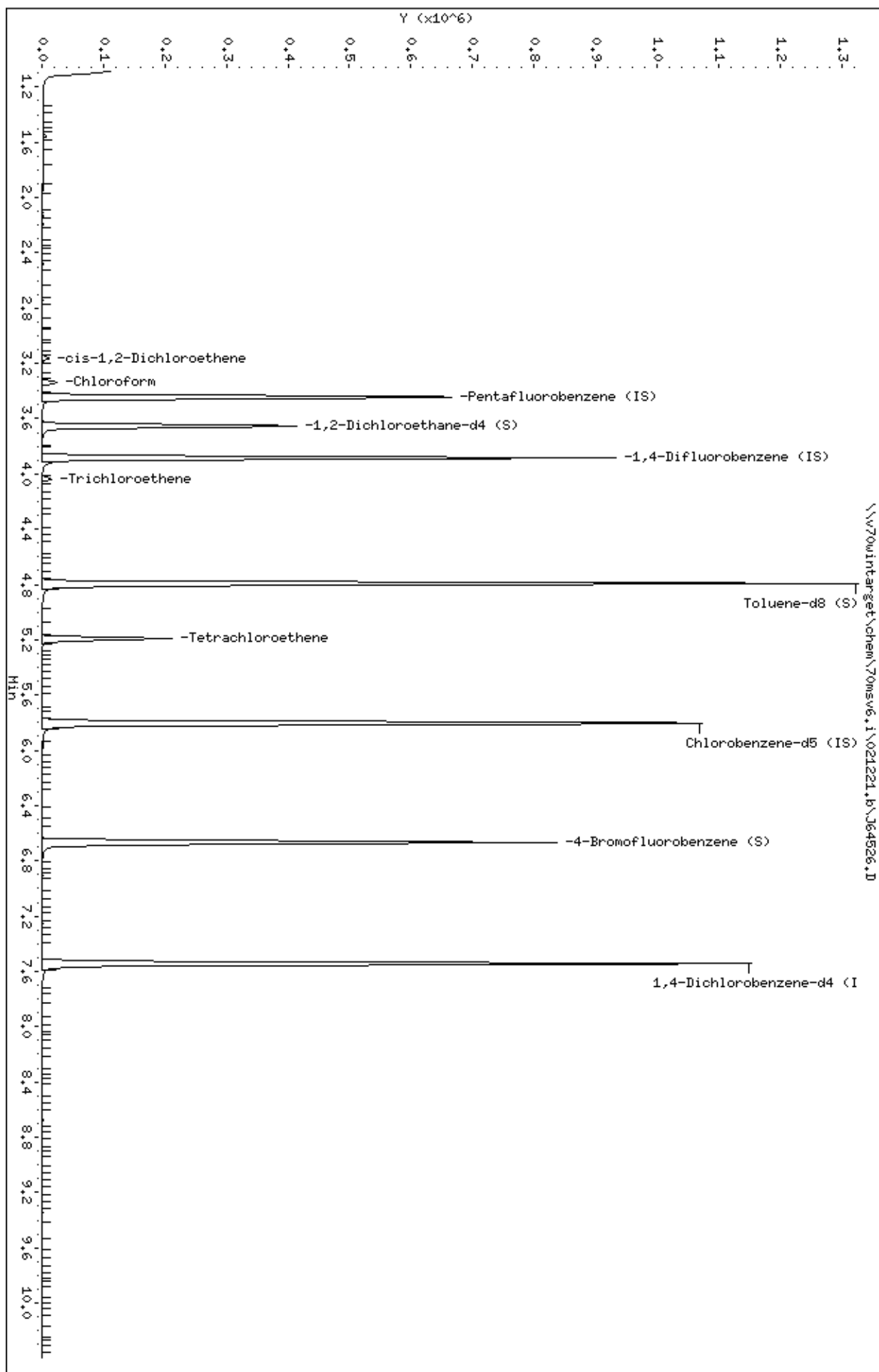
Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1
Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64526.D
Lab Smp Id: 70162103003 Client Smp ID: MW-5S
Inj Date : 12-FEB-2021 14:23 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103003,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

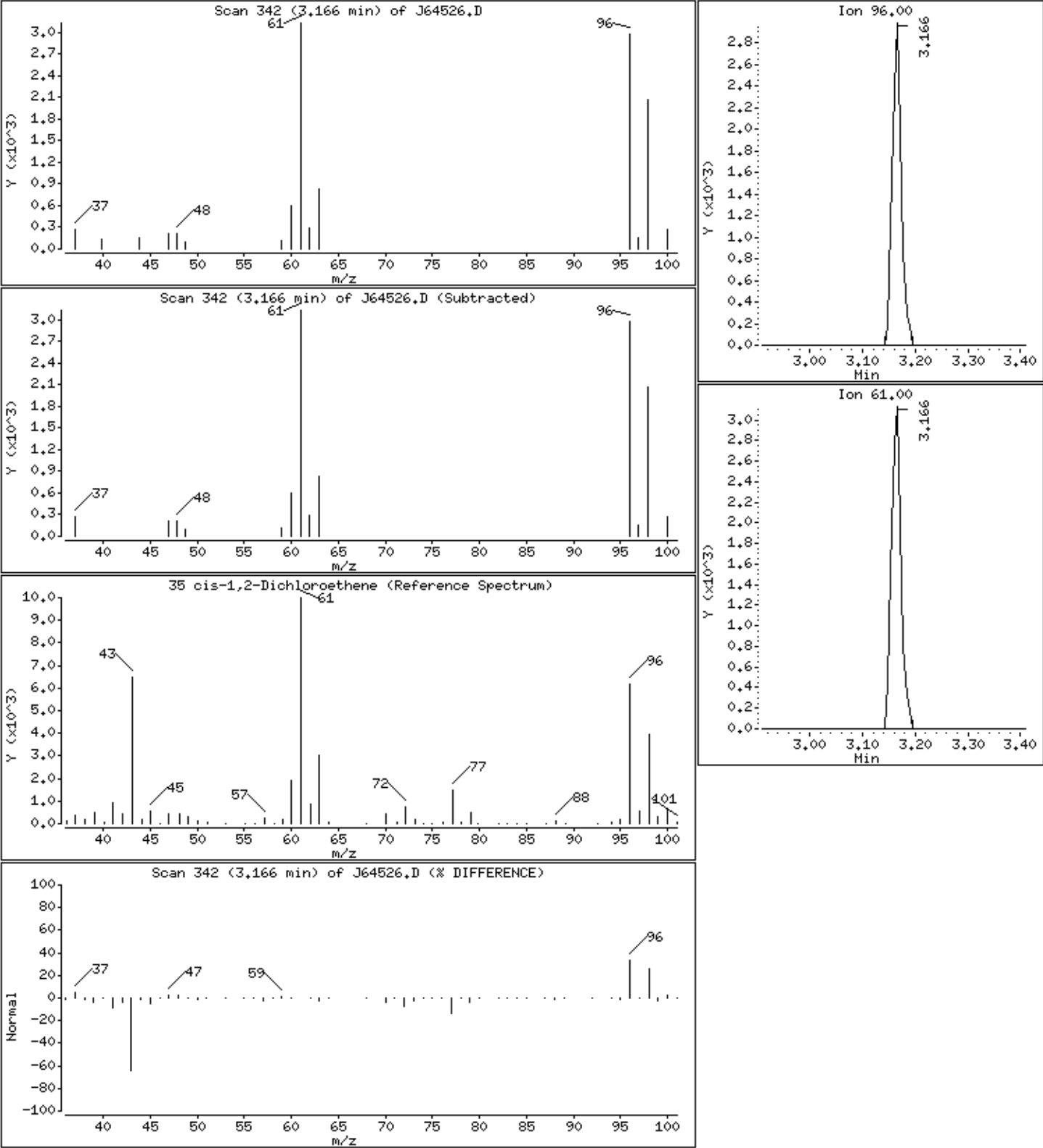
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Date : 12-FEB-2021 14:23
Client ID: HM-SS
Sample Info: 70162103003,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18



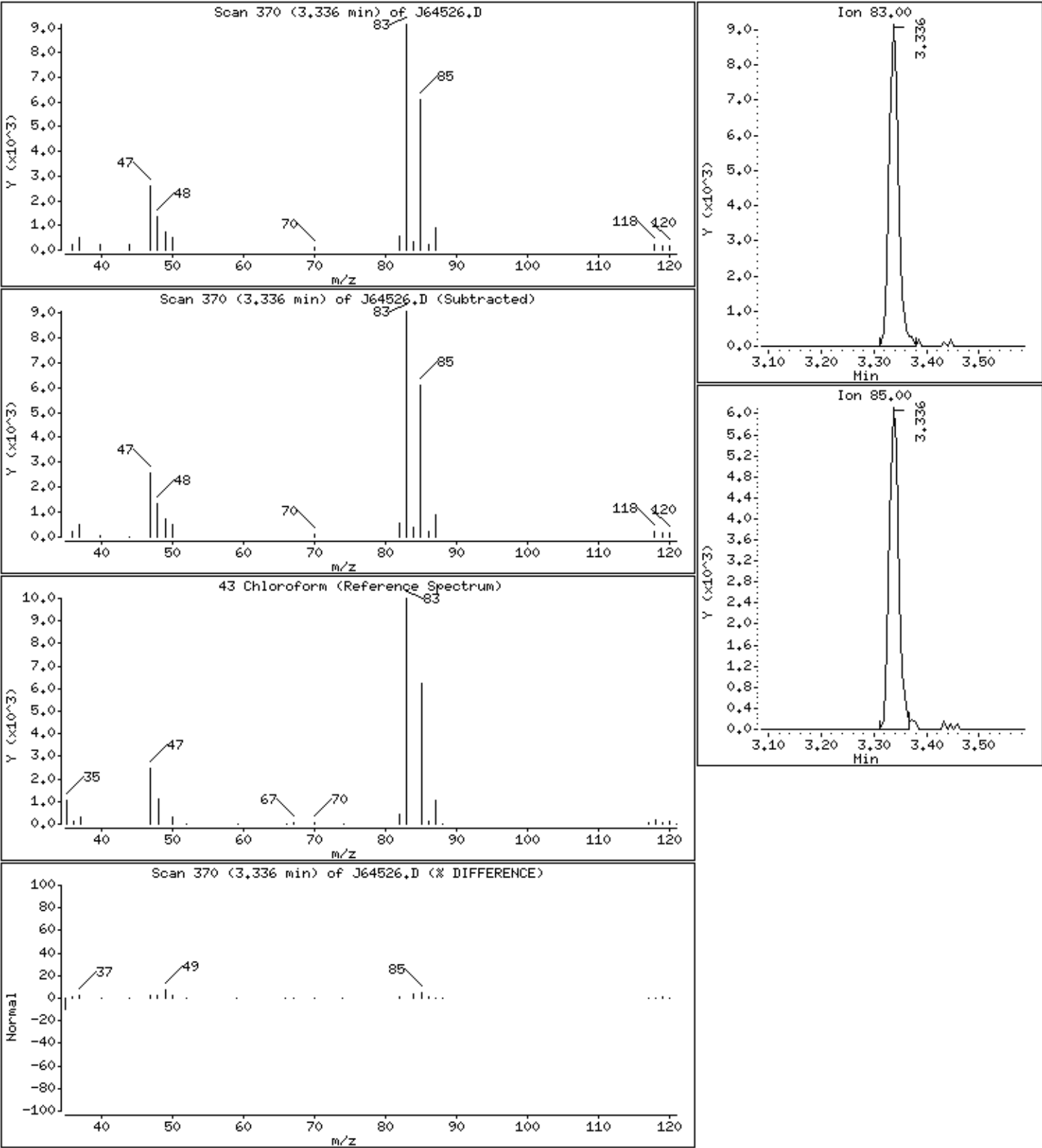
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Date : 12-FEB-2021 14:23
Client ID: MW-5S
Instrument: 70msv6.i
Sample Info: 70162103003,
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

35 cis-1,2-Dichloroethene Concentration: 1.30 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64526.D
Date : 12-FEB-2021 14:23
Client ID: MW-5S
Sample Info: 70162103003,
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

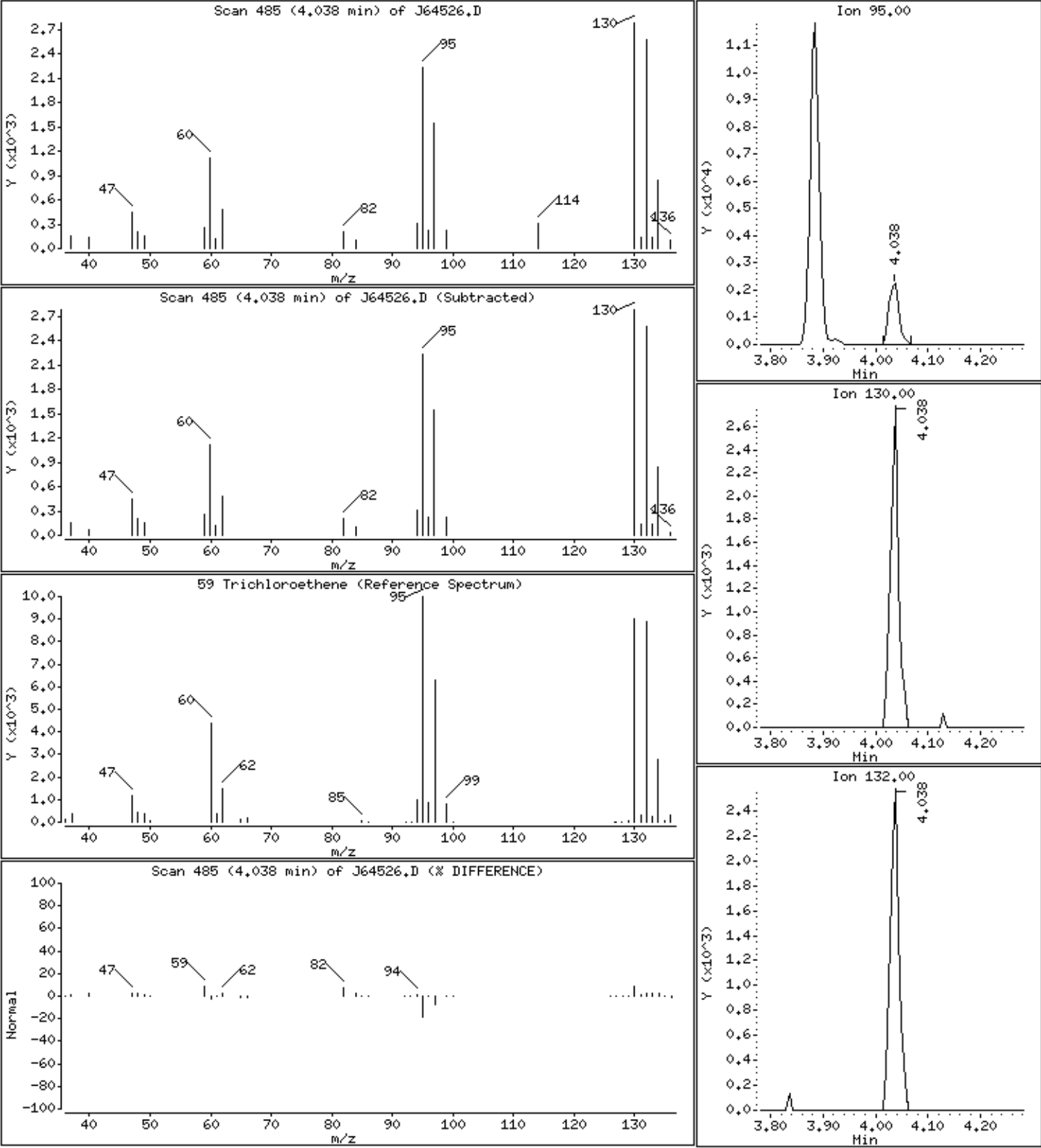
43 Chloroform Concentration: 2,58 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64526.D
Date : 12-FEB-2021 14:23
Client ID: MW-5S
Sample Info: 70162103003,
Purge Volume: 5.0
Column phase: RTX-624

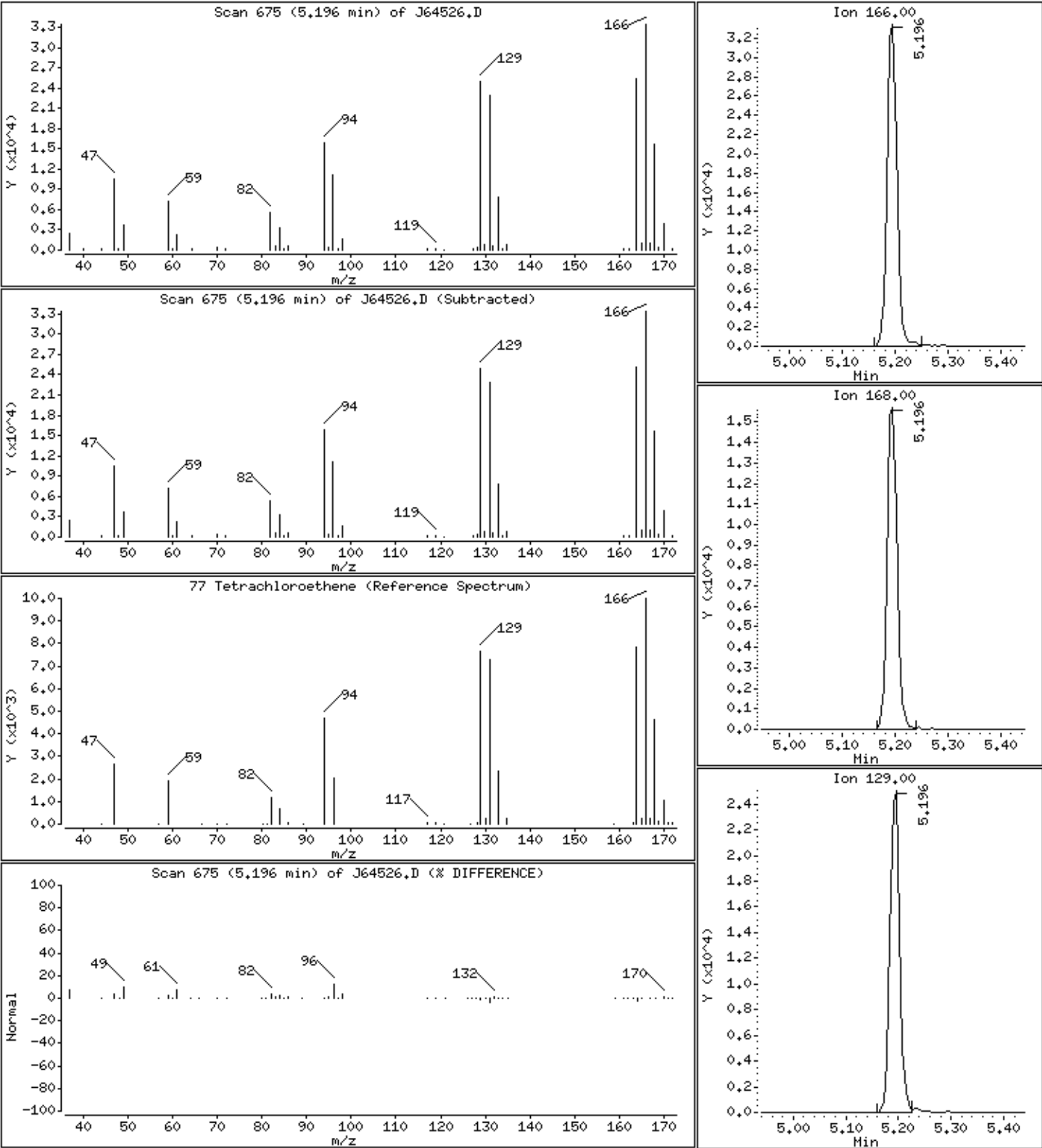
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

59 Trichloroethene Concentration: 1,18 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64526.D
Date : 12-FEB-2021 14:23
Client ID: MW-5S
Sample Info: 70162103003,
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

77 Tetrachloroethene Concentration: 17.0 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64526.D
Injection Date: 12-FEB-2021 14:23
Instrument: 70msv6.i
Lab Sample ID: 70162103003
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MW-8S

Lab Name: Pace Analytical - New York
Date Received: 02/10/2021 11:52
Date Extracted: 02/12/2021 14:44
Date Analyzed: 02/12/2021 14:44
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: SUTTER AVENUE 2/10
Matrix: Water SDG No.: 70162103
Lab Sample ID: 70162103004
Lab File ID: 021221.B\J64527.D
Instrument: 70MSV6 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	2.2	
74-87-3	Chloromethane	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
79-34-5	1,1,1,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	7.3	
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
75-01-4	Vinyl chloride	<1.0	U

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64527.D
Lab Smp Id: 70162103004 Client Smp ID: MW-8S
Inj Date : 12-FEB-2021 14:44 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103004,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS		REVIEW C
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51	Compound Not Detected.						
2 Dichlorotetrafluoroethane	135	Compound Not Detected.						
3 Dichlorodifluoromethane	85	Compound Not Detected.						
4 Chloromethane	50	Compound Not Detected.						
5 Vinyl chloride	62	Compound Not Detected.						
6 1,3-Butadiene	54	Compound Not Detected.						
7 Acetaldehyde	44	Compound Not Detected.						(D)
8 Bromomethane	94	Compound Not Detected.						
9 Chloroethane	64	Compound Not Detected.						
10 Dichlorofluoromethane	67	Compound Not Detected.						
11 Trichlorofluoromethane	101	Compound Not Detected.						
12 Ethanol	45	Compound Not Detected.						
13 Diethyl ether (Ethyl ether)	59	Compound Not Detected.						
16 1,1,2-Trichlorotrifluoroethane	101	Compound Not Detected.						
14 Acrolein	56	Compound Not Detected.						
15 1,1-Dichloroethene	96	Compound Not Detected.						
17 Acetone	43	Compound Not Detected.						
18 Iodomethane	142	Compound Not Detected.						
19 2-Propanol	45	Compound Not Detected.						(D)
20 Carbon disulfide	76	Compound Not Detected.						
21 Allyl chloride	76	Compound Not Detected.						
22 Acetonitrile	41	Compound Not Detected.						(D)

Compounds	QUANT SIG	CONCENTRATIONS							REVIEW C
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
							(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	
23 Methyl acetate	43	Compound Not Detected.							
24 Methylene Chloride	84	Compound Not Detected.							
25 tert-Butyl Alcohol	59	Compound Not Detected.							
28 Methyl-tert-butyl ether	73	Compound Not Detected.							
27 trans-1,2-Dichloroethene	96	Compound Not Detected.							
26 Acrylonitrile	53	Compound Not Detected.							
30 n-Hexane	57	Compound Not Detected.							
29 Diisopropyl ether	45	Compound Not Detected.							
32 Vinyl acetate	43	Compound Not Detected.							
31 1,1-Dichloroethane	63	Compound Not Detected.							
33 Chloroprene	53	Compound Not Detected.							
34 Ethyl-tert-butyl ether	59	Compound Not Detected.							
36 2,2-Dichloropropane	77	Compound Not Detected.							
35 cis-1,2-Dichloroethene	96	3.165	3.159	(0.919)	2797	1.02107	1.02 (Q)		
39 Ethyl acetate	61	Compound Not Detected.							
37 2-Butanone (MEK)	43	Compound Not Detected.							
41 Bromochloromethane	128	Compound Not Detected.							
42 Tetrahydrofuran	42	Compound Not Detected.							
43 Chloroform	83	3.336	3.336	(0.968)	9402	2.16692	2.17		
38 Propionitrile	54	Compound Not Detected.							
46 Cyclohexane	56	Compound Not Detected.							
45 1,1,1-Trichloroethane	97	Compound Not Detected.							
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	272769	50.0000	(Q)		
48 Carbon tetrachloride	117	Compound Not Detected.							(D)
47 1,1-Dichloropropene	75	Compound Not Detected.							(D)
55 2,2,4-Trimethylpentane	57	Compound Not Detected.							
51 Benzene	78	Compound Not Detected.							
40 Methacrylonitrile	67	Compound Not Detected.							
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	186929	50.1578	50.2		
56 tert-Amylmethyl ether	73	Compound Not Detected.							
52 1,2-Dichloroethane	62	Compound Not Detected.							
57 n-Heptane	43	Compound Not Detected.							
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	492401	50.0000			
59 Trichloroethene	95	Compound Not Detected.							
60 Methylcyclohexane	83	Compound Not Detected.							
49 Isobutanol	43	Compound Not Detected.							
53 tert-Amyl Alcohol	59	Compound Not Detected.							
54 tert-Amyl ethyl ether	59	Compound Not Detected.							
61 1,2-Dichloropropane	63	Compound Not Detected.							
63 Methyl methacrylate	69	Compound Not Detected.							
64 1,4-Dioxane (p-Dioxane)	88	Compound Not Detected.							
62 Dibromomethane	93	Compound Not Detected.							
65 Bromodichloromethane	83	Compound Not Detected.							
66 2-Nitropropane	43	Compound Not Detected.							
67 2-Chloroethylvinyl ether	63	Compound Not Detected.							
68 cis-1,3-Dichloropropene	75	Compound Not Detected.							
69 4-Methyl-2-pentanone (MIBK)	43	Compound Not Detected.							(D)
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	611217	53.4932	53.5		
71 Toluene	91	Compound Not Detected.							
72 Methyl isothiocyanate	73	Compound Not Detected.							
74 trans-1,3-Dichloropropene	75	Compound Not Detected.							
75 Ethyl methacrylate	69	Compound Not Detected.							
76 1,1,2-Trichloroethane	83	Compound Not Detected.							
77 Tetrachloroethene	166	5.195	5.195	(0.895)	19024	7.32441	7.32		
78 1,3-Dichloropropane	76	Compound Not Detected.							

Compounds	QUANT SIG							CONCENTRATIONS		REVIEW C
		RT	EXP	RT	REL	RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	=====	=====	=====	=====	=====	=====	(ug/L)	(ug/L)	=====
79 2-Hexanone	43	Compound	Not	Detected.						
73 n-Octane	43	Compound	Not	Detected.						
81 n-Butyl acetate	43	Compound	Not	Detected.						
80 Dibromochloromethane	129	Compound	Not	Detected.						
82 1,2-Dibromoethane (EDB)	107	Compound	Not	Detected.						
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)		251604	50.0000			
84 Chlorobenzene	112	Compound	Not	Detected.						
86 Ethylbenzene	106	Compound	Not	Detected.						
85 1,1,1,2-Tetrachloroethane	131	Compound	Not	Detected.						
88 n-Nonane	43	Compound	Not	Detected.						
87 m&p-Xylene	106	Compound	Not	Detected.						
89 o-Xylene	106	Compound	Not	Detected.						
90 Styrene	104	Compound	Not	Detected.						
91 Bromoform	173	Compound	Not	Detected.						
92 Isopropylbenzene (Cumene)	105	Compound	Not	Detected.						
\$ 93 4-Bromofluorobenzene (S)	95	6.664	6.665	(1.148)		215916	49.6922	49.7		
94 Bromobenzene	156	Compound	Not	Detected.						
95 1,1,2,2-Tetrachloroethane	83	Compound	Not	Detected.						
98 n-Propylbenzene	91	Compound	Not	Detected.						
96 1,2,3-Trichloropropane	110	Compound	Not	Detected.						
97 trans-1,4-Dichloro-2-butene	53	Compound	Not	Detected.						
103 n-Decane	43	Compound	Not	Detected.						
99 2-Chlorotoluene	91	Compound	Not	Detected.						
100 4-Ethyltoluene	105	Compound	Not	Detected.						
101 1,3,5-Trimethylbenzene	105	Compound	Not	Detected.						
102 4-Chlorotoluene	91	Compound	Not	Detected.						
104 tert-Butylbenzene	119	Compound	Not	Detected.						
105 Pentachloroethane	167	Compound	Not	Detected.						
106 1,2,4-Trimethylbenzene	105	Compound	Not	Detected.						
107 sec-Butylbenzene	105	Compound	Not	Detected.						
109 d-Limonene	136	Compound	Not	Detected.						
110 p-Isopropyltoluene	119	Compound	Not	Detected.						
108 1,3-Dichlorobenzene	146	Compound	Not	Detected.						
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)		227797	50.0000			
112 1,4-Dichlorobenzene	146	Compound	Not	Detected.						
113 1,2,3-Trimethylbenzene	105	Compound	Not	Detected.						
114 Benzyl chloride	91	Compound	Not	Detected.						
115 trans-Decalin	138	Compound	Not	Detected.						
116 1,4-Diethylbenzene	119	Compound	Not	Detected.						
117 n-Butylbenzene	91	Compound	Not	Detected.						
119 n-Undecane	43	Compound	Not	Detected.						
118 1,2-Dichlorobenzene	146	Compound	Not	Detected.						
120 cis-Decalin	138	Compound	Not	Detected.						
121 1,2,4,5-tetramethylbenzene	119	Compound	Not	Detected.						
122 1,2-Dibromo-3-chloropropane	75	Compound	Not	Detected.						
123 n-Dodecane	43	Compound	Not	Detected.						(D)
124 1,2,4-Trichlorobenzene	180	Compound	Not	Detected.						
125 Hexachloro-1,3-butadiene	225	Compound	Not	Detected.						
126 Naphthalene	128	Compound	Not	Detected.						
127 1,2,3-Trichlorobenzene	180	Compound	Not	Detected.						

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64527.D
Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

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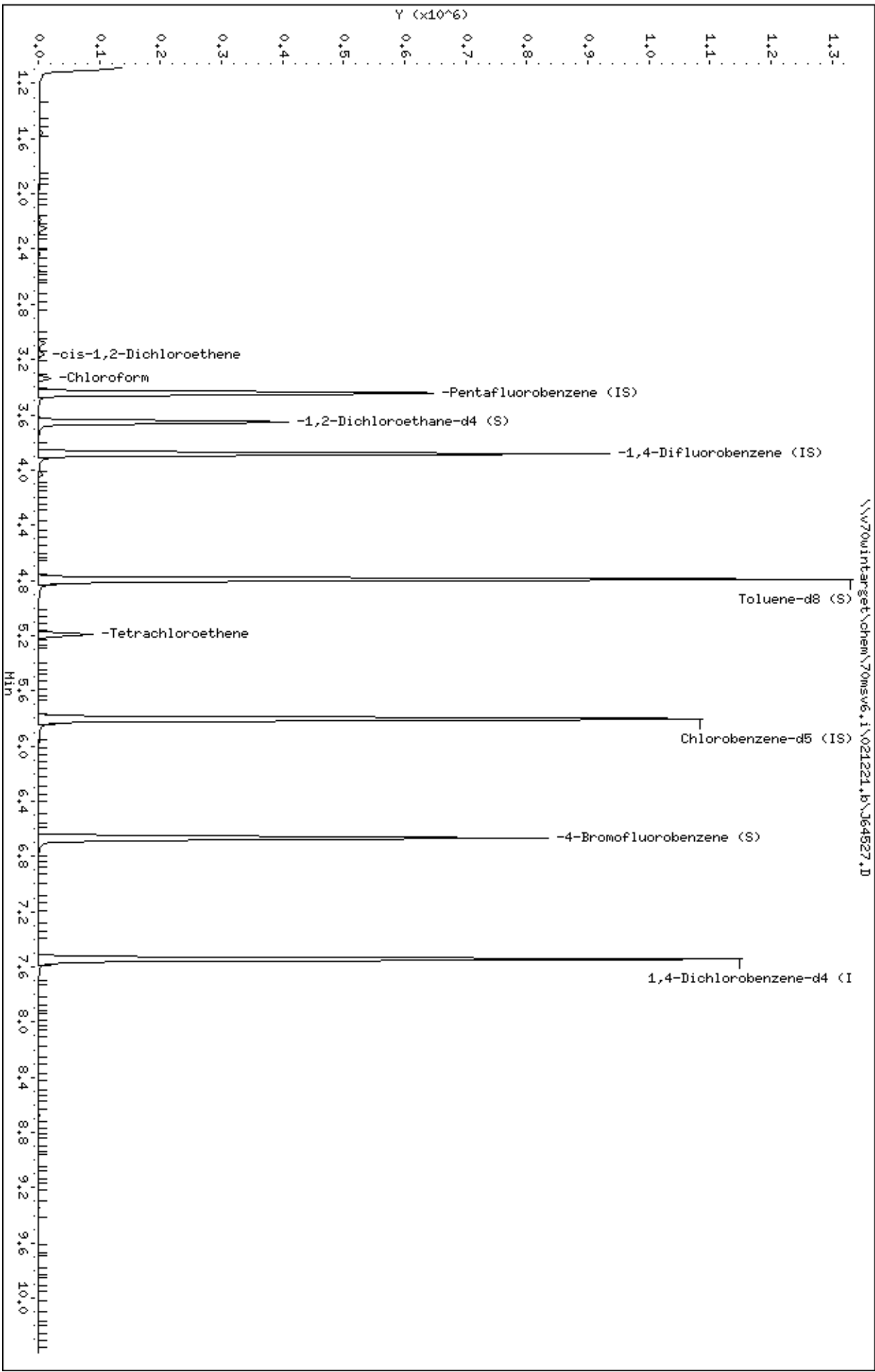
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Report Date: 15-Feb-2021 11:54

Pace Analytical Services, Inc.

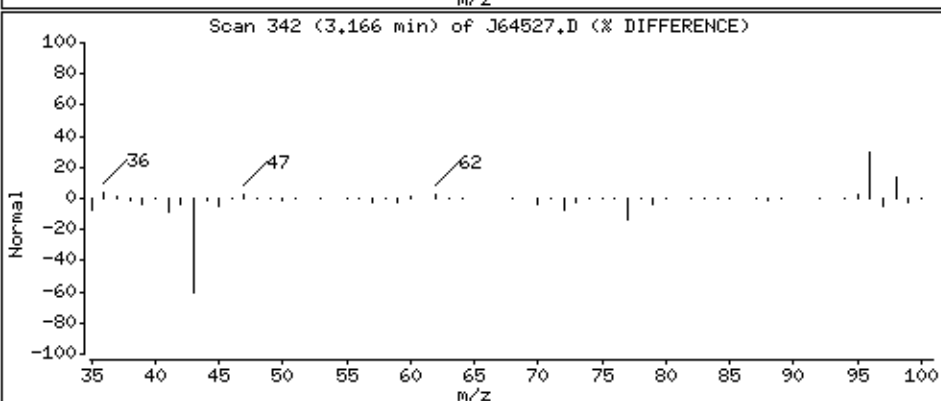
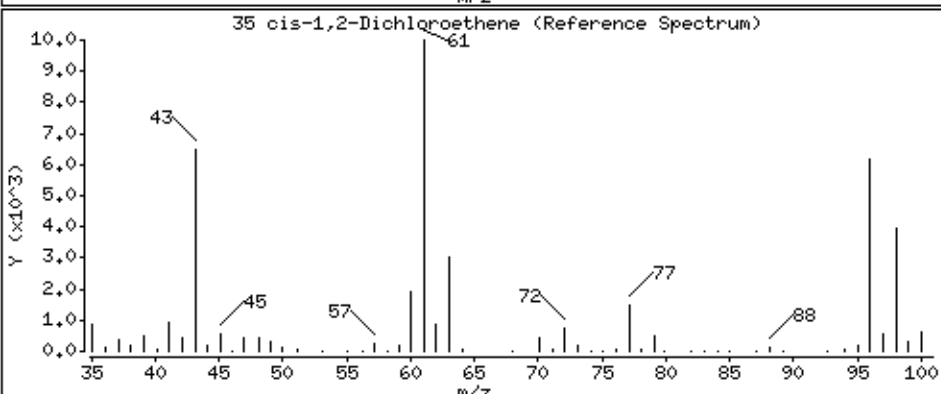
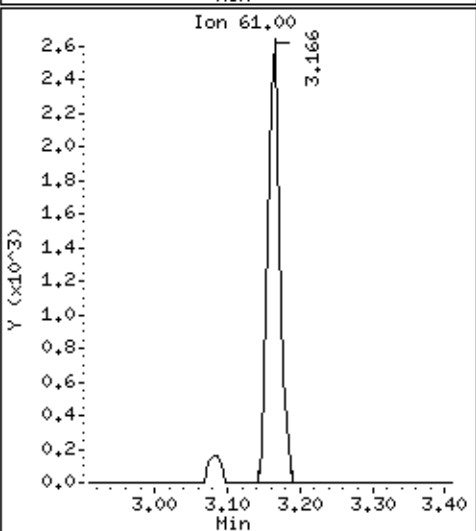
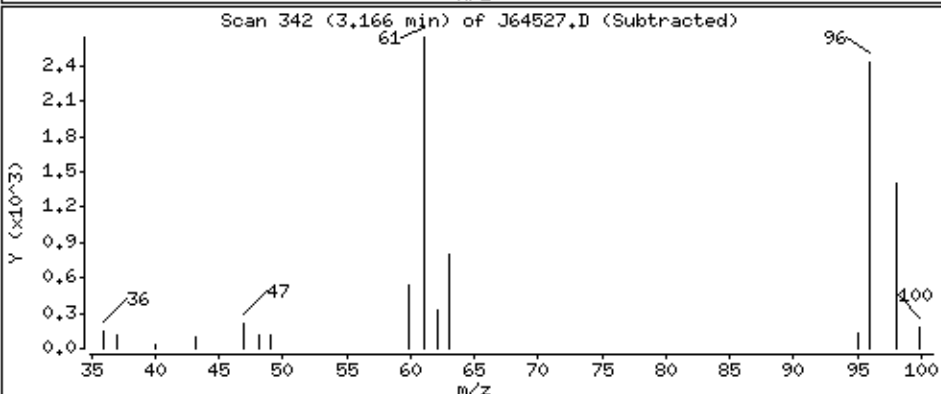
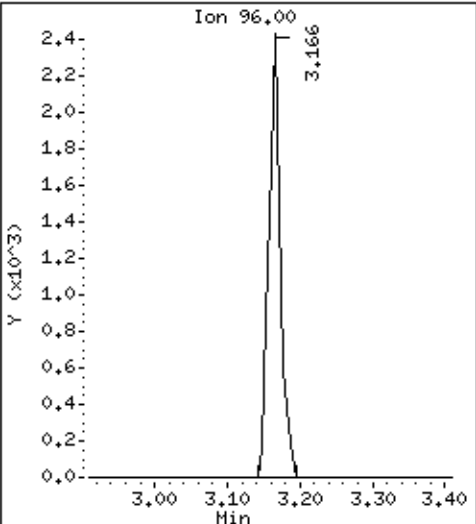
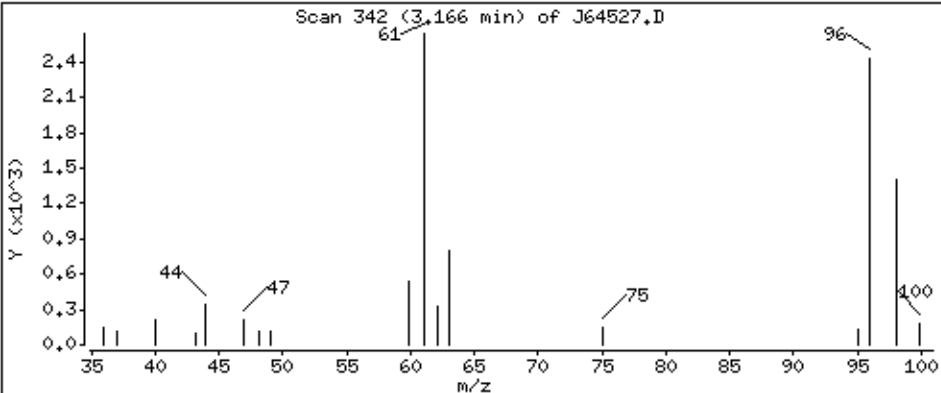
SW846-8260C-D/EPA 624.1
Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64527.D
Lab Smp Id: 70162103004 Client Smp ID: MW-8S
Inj Date : 12-FEB-2021 14:44 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103004,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\w70wintarget\chem\70msv6.i\021221.b\J64527.D
 Date : 12-FEB-2021 14:44
 Client ID: HM-8S
 Sample Info: 70162103004,
 Purge Volume: 5.0
 Column phase: RTX-624
 Instrument: 70msv6.i
 Operator: BBL
 Column diameter: 0.18



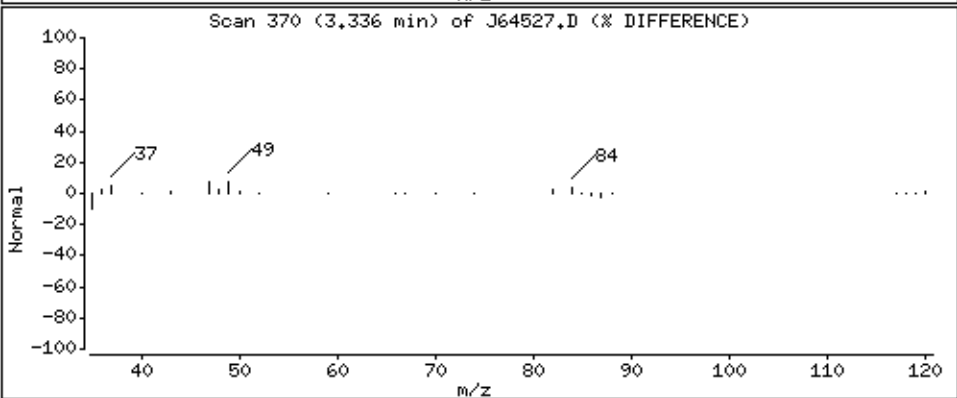
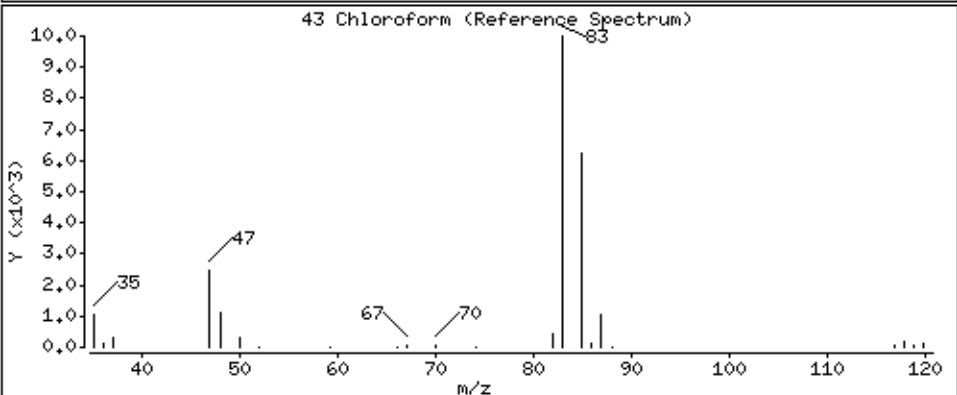
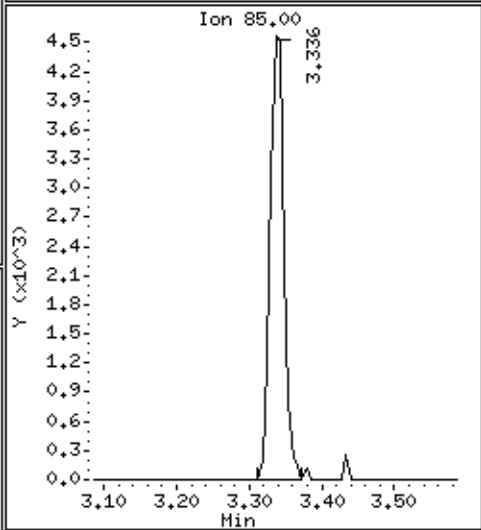
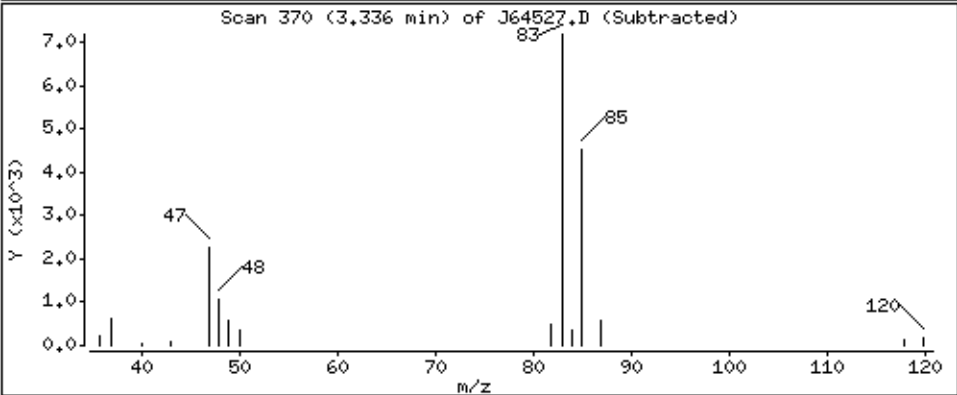
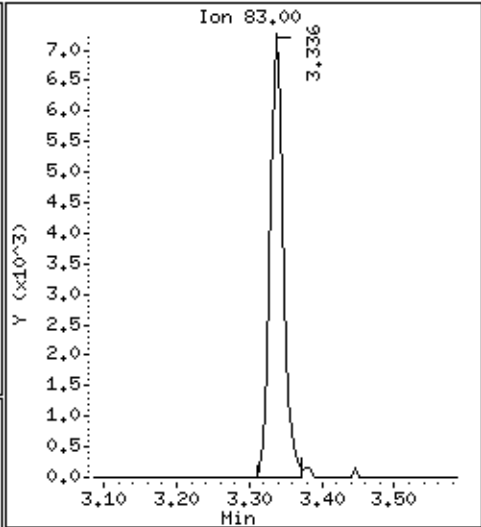
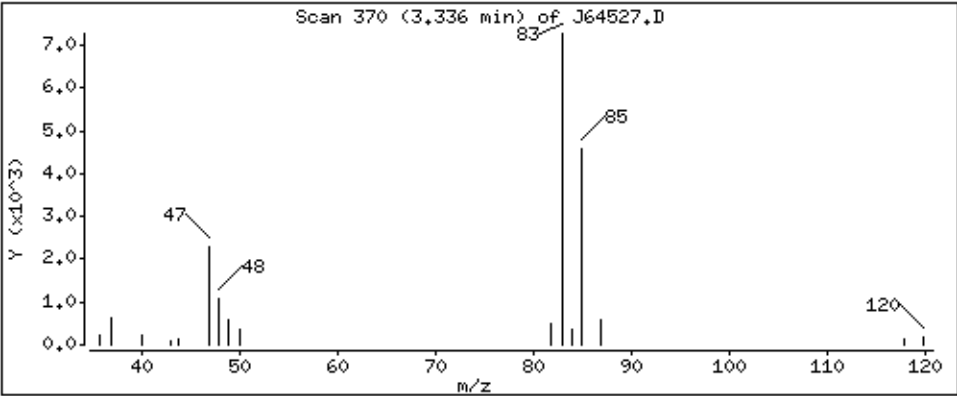
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64527.D
Date : 12-FEB-2021 14:44
Client ID: MW-8S
Sample Info: 70162103004,
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 1.02 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
35 cis-1,2-Dichloroethene
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64527.D
Date : 12-FEB-2021 14:44
Client ID: MW-8S
Sample Info: 70162103004,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

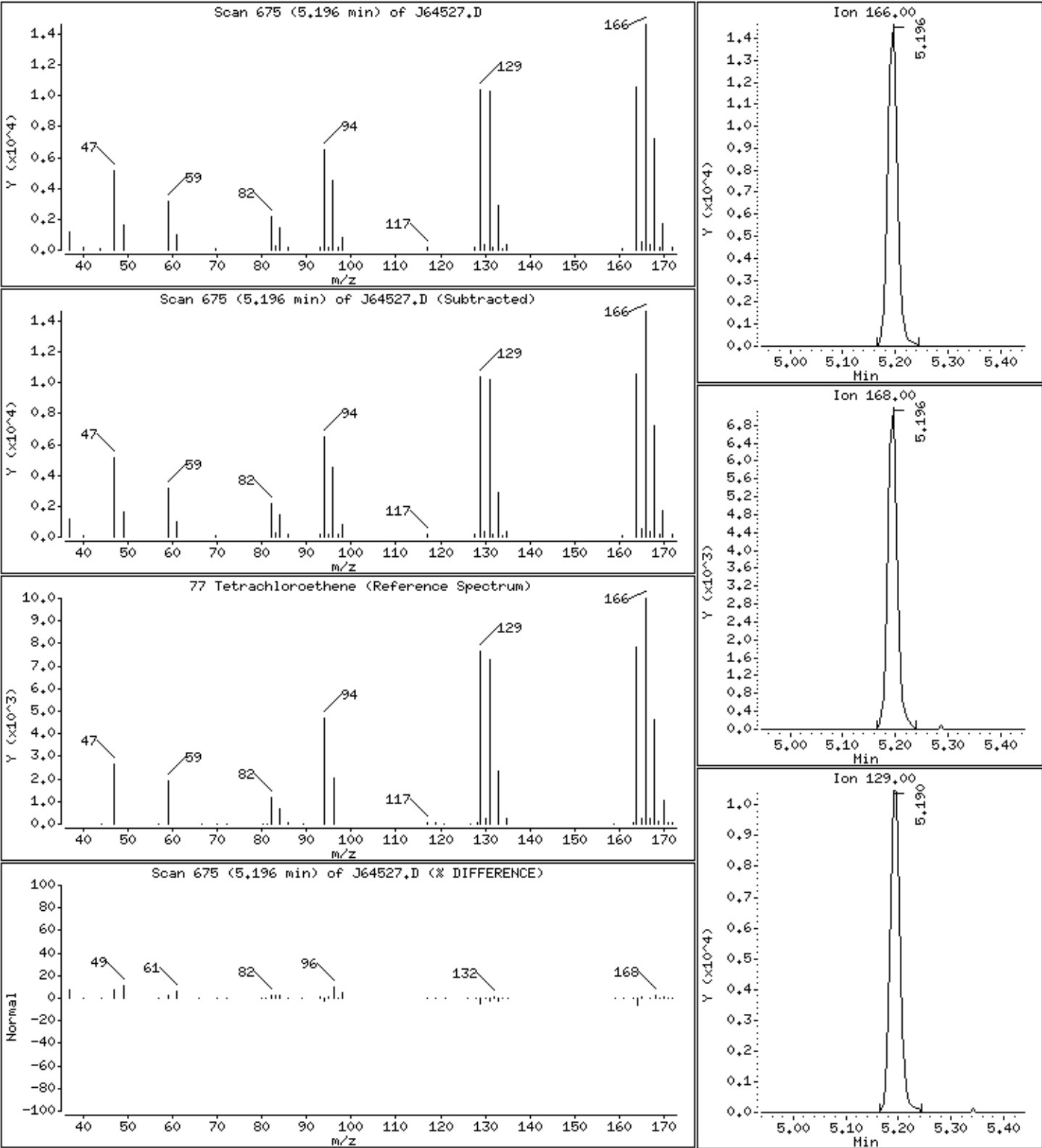
43 Chloroform Concentration: 2,17 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64527.D
Date : 12-FEB-2021 14:44
Client ID: MW-8S
Sample Info: 70162103004,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

77 Tetrachloroethene Concentration: 7.32 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64527.D
Injection Date: 12-FEB-2021 14:44
Instrument: 70msv6.i
Lab Sample ID: 70162103004
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MW-10S

Lab Name: Pace Analytical - New York
Date Received: 02/10/2021 13:23
Date Extracted: 02/12/2021 15:04
Date Analyzed: 02/12/2021 15:04
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: SUTTER AVENUE 2/10
Matrix: Water SDG No.: 70162103
Lab Sample ID: 70162103005
Lab File ID: 021221.B\J64528.D
Instrument: 70MSV6 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	<1.0	U
74-87-3	Chloromethane	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	34.2	
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
75-01-4	Vinyl chloride	<1.0	U

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64528.D
Lab Smp Id: 70162103005 Client Smp ID: MW-10S
Inj Date : 12-FEB-2021 15:04 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103005,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS		
		QUANT		SIG		ON-COLUMN	FINAL	
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	REVIEW C
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51	Compound	Not	Detected.				
2 Dichlorotetrafluoroethane	135	Compound	Not	Detected.				
3 Dichlorodifluoromethane	85	Compound	Not	Detected.				
4 Chloromethane	50	Compound	Not	Detected.				
5 Vinyl chloride	62	Compound	Not	Detected.				
6 1,3-Butadiene	54	Compound	Not	Detected.				
7 Acetaldehyde	44	Compound	Not	Detected.				(D)
8 Bromomethane	94	Compound	Not	Detected.				
9 Chloroethane	64	Compound	Not	Detected.				
10 Dichlorofluoromethane	67	Compound	Not	Detected.				
11 Trichlorofluoromethane	101	Compound	Not	Detected.				
12 Ethanol	45	Compound	Not	Detected.				
13 Diethyl ether (Ethyl ether)	59	Compound	Not	Detected.				
16 1,1,2-Trichlorotrifluoroethane	101	Compound	Not	Detected.				
14 Acrolein	56	Compound	Not	Detected.				
15 1,1-Dichloroethene	96	Compound	Not	Detected.				
17 Acetone	43	Compound	Not	Detected.				
18 Iodomethane	142	Compound	Not	Detected.				
19 2-Propanol	45	Compound	Not	Detected.				
20 Carbon disulfide	76	Compound	Not	Detected.				
21 Allyl chloride	76	Compound	Not	Detected.				
22 Acetonitrile	41	Compound	Not	Detected.				

Compounds	QUANT SIG	CONCENTRATIONS							REVIEW C
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
							(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	
23 Methyl acetate	43	Compound	Not	Detected.					
24 Methylene Chloride	84	Compound	Not	Detected.					
25 tert-Butyl Alcohol	59	Compound	Not	Detected.					
28 Methyl-tert-butyl ether	73	Compound	Not	Detected.					
27 trans-1,2-Dichloroethene	96	Compound	Not	Detected.					
26 Acrylonitrile	53	Compound	Not	Detected.					
30 n-Hexane	57	Compound	Not	Detected.					
29 Diisopropyl ether	45	Compound	Not	Detected.					
32 Vinyl acetate	43	Compound	Not	Detected.					
31 1,1-Dichloroethane	63	Compound	Not	Detected.					
33 Chloroprene	53	Compound	Not	Detected.					
34 Ethyl-tert-butyl ether	59	Compound	Not	Detected.					
36 2,2-Dichloropropane	77	Compound	Not	Detected.					
35 cis-1,2-Dichloroethene	96	Compound	Not	Detected.					
39 Ethyl acetate	61	Compound	Not	Detected.					
37 2-Butanone (MEK)	43	Compound	Not	Detected.					
41 Bromochloromethane	128	Compound	Not	Detected.					
42 Tetrahydrofuran	42	Compound	Not	Detected.					
43 Chloroform	83	Compound	Not	Detected.					
38 Propionitrile	54	Compound	Not	Detected.					
46 Cyclohexane	56	Compound	Not	Detected.					
45 1,1,1-Trichloroethane	97	Compound	Not	Detected.					
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	275746	50.0000	(Q)		
48 Carbon tetrachloride	117	Compound	Not	Detected.				(D)	
47 1,1-Dichloropropene	75	Compound	Not	Detected.				(D)	
55 2,2,4-Trimethylpentane	57	Compound	Not	Detected.					
51 Benzene	78	Compound	Not	Detected.					
40 Methacrylonitrile	67	Compound	Not	Detected.					
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	187876	50.5461	50.5		
56 tert-Amylmethyl ether	73	Compound	Not	Detected.					
52 1,2-Dichloroethane	62	Compound	Not	Detected.					
57 n-Heptane	43	Compound	Not	Detected.					
* 58 1,4-Difluorobenzene (IS)	114	3.884	3.885	(1.000)	491094	50.0000			
59 Trichloroethene	95	Compound	Not	Detected.					
60 Methylcyclohexane	83	Compound	Not	Detected.					
49 Isobutanol	43	Compound	Not	Detected.					
53 tert-Amyl Alcohol	59	Compound	Not	Detected.					
54 tert-Amyl ethyl ether	59	Compound	Not	Detected.					
61 1,2-Dichloropropane	63	Compound	Not	Detected.					
63 Methyl methacrylate	69	Compound	Not	Detected.					
64 1,4-Dioxane (p-Dioxane)	88	Compound	Not	Detected.					
62 Dibromomethane	93	Compound	Not	Detected.					
65 Bromodichloromethane	83	Compound	Not	Detected.					
66 2-Nitropropane	43	Compound	Not	Detected.					
67 2-Chloroethylvinyl ether	63	Compound	Not	Detected.					
68 cis-1,3-Dichloropropene	75	Compound	Not	Detected.					
69 4-Methyl-2-pentanone (MIBK)	43	Compound	Not	Detected.				(D)	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	603126	53.0143	53.0		
71 Toluene	91	Compound	Not	Detected.					
72 Methyl isothiocyanate	73	Compound	Not	Detected.					
74 trans-1,3-Dichloropropene	75	Compound	Not	Detected.					
75 Ethyl methacrylate	69	Compound	Not	Detected.					
76 1,1,2-Trichloroethane	83	Compound	Not	Detected.					
77 Tetrachloroethene	166	5.195	5.195	(0.895)	88524	34.2306	34.2		
78 1,3-Dichloropropane	76	Compound	Not	Detected.					

						CONCENTRATIONS			
		QUANT SIG					ON-COLUMN	FINAL	
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	REVIEW C	
=====	=====	=====	=====	=====	=====	=====	=====	=====	
79 2-Hexanone	43	Compound	Not	Detected.					
73 n-Octane	43	Compound	Not	Detected.					
81 n-Butyl acetate	43	Compound	Not	Detected.					
80 Dibromochloromethane	129	Compound	Not	Detected.				(D)	
82 1,2-Dibromoethane (EDB)	107	Compound	Not	Detected.					
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	250516	50.0000			
84 Chlorobenzene	112	Compound	Not	Detected.					
86 Ethylbenzene	106	Compound	Not	Detected.					
85 1,1,1,2-Tetrachloroethane	131	Compound	Not	Detected.					
88 n-Nonane	43	Compound	Not	Detected.					
87 m&p-Xylene	106	Compound	Not	Detected.					
89 o-Xylene	106	Compound	Not	Detected.					
90 Styrene	104	Compound	Not	Detected.					
91 Bromoform	173	Compound	Not	Detected.					
92 Isopropylbenzene (Cumene)	105	Compound	Not	Detected.					
\$ 93 4-Bromofluorobenzene (S)	95	6.664	6.665	(1.148)	214303	49.5352	49.5		
94 Bromobenzene	156	Compound	Not	Detected.					
95 1,1,2,2-Tetrachloroethane	83	Compound	Not	Detected.					
98 n-Propylbenzene	91	Compound	Not	Detected.					
96 1,2,3-Trichloropropane	110	Compound	Not	Detected.					
97 trans-1,4-Dichloro-2-butene	53	Compound	Not	Detected.					
103 n-Decane	43	Compound	Not	Detected.					
99 2-Chlorotoluene	91	Compound	Not	Detected.					
100 4-Ethyltoluene	105	Compound	Not	Detected.					
101 1,3,5-Trimethylbenzene	105	Compound	Not	Detected.					
102 4-Chlorotoluene	91	Compound	Not	Detected.					
104 tert-Butylbenzene	119	Compound	Not	Detected.					
105 Pentachloroethane	167	Compound	Not	Detected.					
106 1,2,4-Trimethylbenzene	105	Compound	Not	Detected.					
107 sec-Butylbenzene	105	Compound	Not	Detected.					
109 d-Limonene	136	Compound	Not	Detected.					
110 p-Isopropyltoluene	119	Compound	Not	Detected.					
108 1,3-Dichlorobenzene	146	Compound	Not	Detected.					
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)	226487	50.0000			
112 1,4-Dichlorobenzene	146	Compound	Not	Detected.					
113 1,2,3-Trimethylbenzene	105	Compound	Not	Detected.					
114 Benzyl chloride	91	Compound	Not	Detected.					
115 trans-Decalin	138	Compound	Not	Detected.					
116 1,4-Diethylbenzene	119	Compound	Not	Detected.					
117 n-Butylbenzene	91	Compound	Not	Detected.					
119 n-Undecane	43	Compound	Not	Detected.					
118 1,2-Dichlorobenzene	146	Compound	Not	Detected.					
120 cis-Decalin	138	Compound	Not	Detected.					
121 1,2,4,5-tetramethylbenzene	119	Compound	Not	Detected.					
122 1,2-Dibromo-3-chloropropane	75	Compound	Not	Detected.					
123 n-Dodecane	43	Compound	Not	Detected.				(D)	
124 1,2,4-Trichlorobenzene	180	Compound	Not	Detected.					
125 Hexachloro-1,3-butadiene	225	Compound	Not	Detected.					
126 Naphthalene	128	Compound	Not	Detected.					
127 1,2,3-Trichlorobenzene	180	Compound	Not	Detected.					

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64528.D
Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

:

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64528.D
Report Date: 15-Feb-2021 11:54

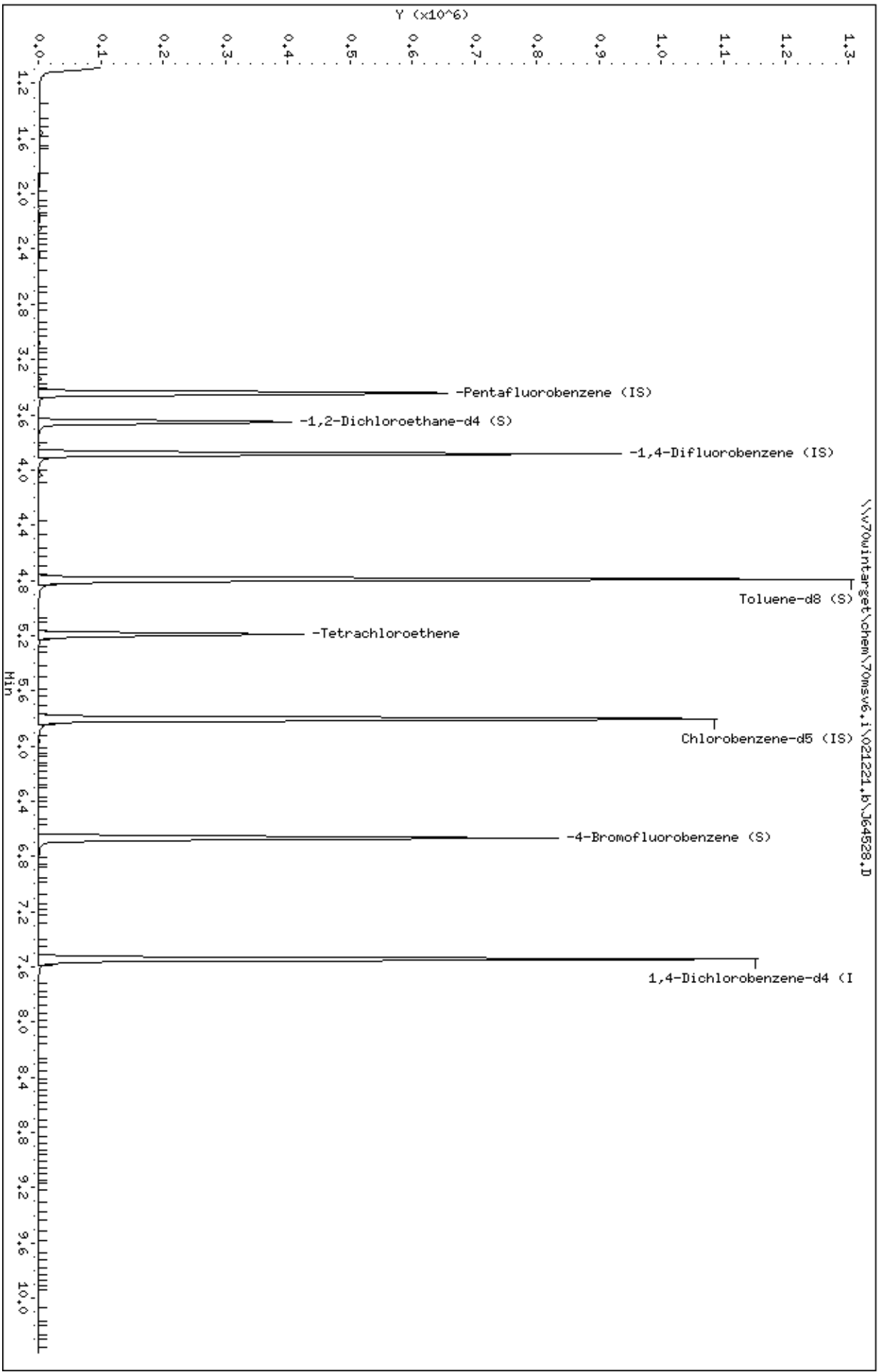
Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1
Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64528.D
Lab Smp Id: 70162103005 Client Smp ID: MW-10S
Inj Date : 12-FEB-2021 15:04 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103005,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\w70wintarget\chem\70msv6.i\021221.b\J64528.D
Date : 12-FEB-2021 15:04
Client ID: HM-10S
Sample Info: 70162103005,
Purge Volume: 5.0
Column phase: RTX-624

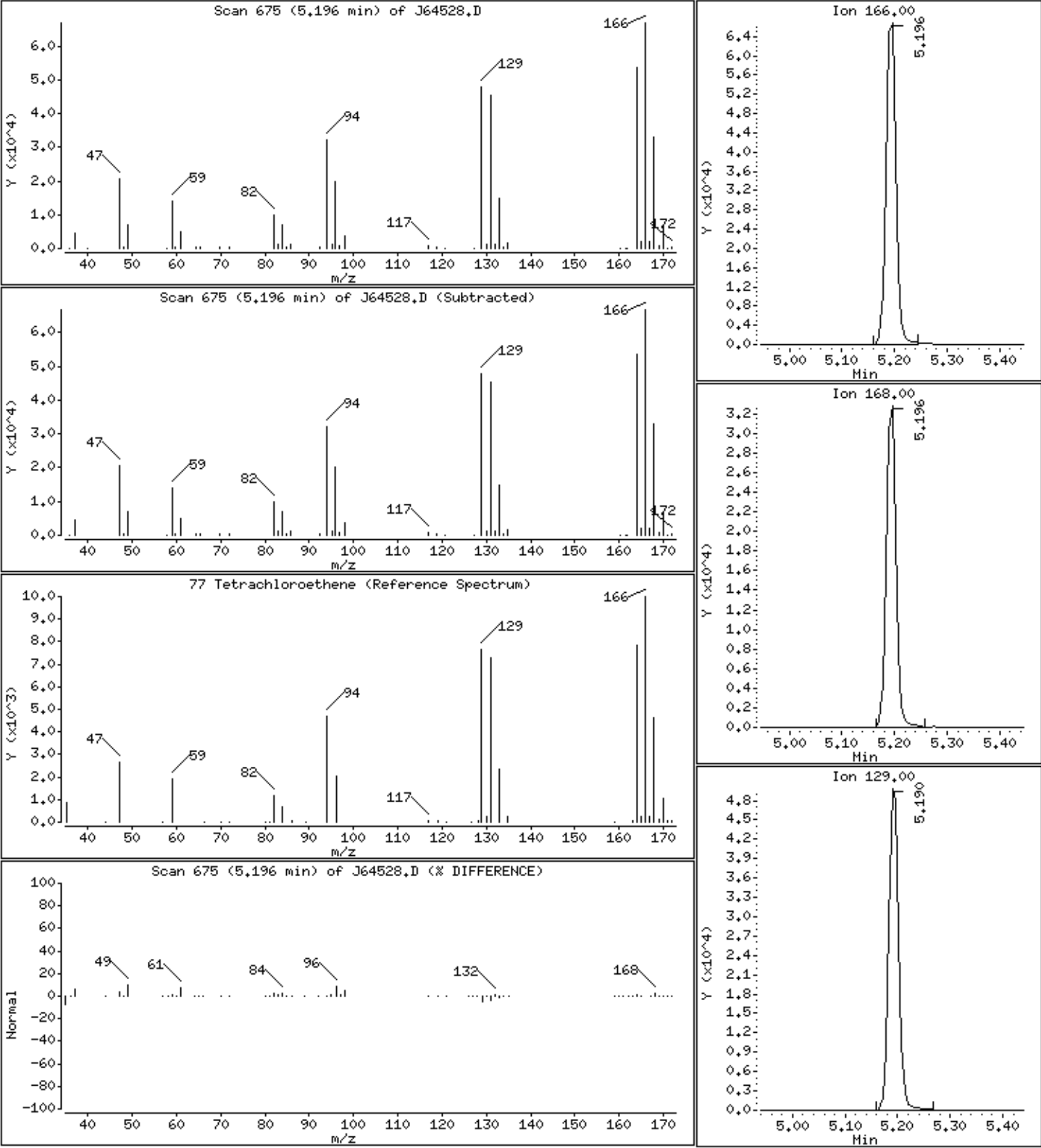
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64528.D
Date : 12-FEB-2021 15:04
Client ID: MW-10S
Sample Info: 70162103005,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

77 Tetrachloroethene Concentration: 34,2 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64528.D
Injection Date: 12-FEB-2021 15:04
Instrument: 70msv6.i
Lab Sample ID: 70162103005
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MW-11S

Lab Name: Pace Analytical - New York
Date Received: 02/10/2021 13:23
Date Extracted: 02/12/2021 15:24
Date Analyzed: 02/12/2021 15:24
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: SUTTER AVENUE 2/10
Matrix: Water SDG No.: 70162103
Lab Sample ID: 70162103006
Lab File ID: 021221.B\J64529.D
Instrument: 70MSV6 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	3.1	
74-87-3	Chloromethane	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
79-34-5	1,1,1,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	17.1	
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
75-01-4	Vinyl chloride	<1.0	U

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64529.D
Lab Smp Id: 70162103006 Client Smp ID: MW-11S
Inj Date : 12-FEB-2021 15:24 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103006,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS		
		QUANT SIG				ON-COLUMN	FINAL	
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	REVIEW C
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51	Compound	Not	Detected.				
2 Dichlorotetrafluoroethane	135	Compound	Not	Detected.				
3 Dichlorodifluoromethane	85	Compound	Not	Detected.				
4 Chloromethane	50	Compound	Not	Detected.				
5 Vinyl chloride	62	Compound	Not	Detected.				
6 1,3-Butadiene	54	Compound	Not	Detected.				
7 Acetaldehyde	44	Compound	Not	Detected.				(D)
8 Bromomethane	94	Compound	Not	Detected.				
9 Chloroethane	64	Compound	Not	Detected.				
10 Dichlorofluoromethane	67	Compound	Not	Detected.				
11 Trichlorofluoromethane	101	Compound	Not	Detected.				
12 Ethanol	45	Compound	Not	Detected.				
13 Diethyl ether (Ethyl ether)	59	Compound	Not	Detected.				
16 1,1,2-Trichlorotrifluoroethane	101	Compound	Not	Detected.				
14 Acrolein	56	Compound	Not	Detected.				
15 1,1-Dichloroethene	96	Compound	Not	Detected.				
17 Acetone	43	Compound	Not	Detected.				
18 Iodomethane	142	Compound	Not	Detected.				
19 2-Propanol	45	Compound	Not	Detected.				
20 Carbon disulfide	76	Compound	Not	Detected.				
21 Allyl chloride	76	Compound	Not	Detected.				
22 Acetonitrile	41	Compound	Not	Detected.				

Compounds	QUANT SIG	CONCENTRATIONS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN		FINAL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
23 Methyl acetate	43	Compound	Not	Detected.					
24 Methylene Chloride	84	Compound	Not	Detected.					
25 tert-Butyl Alcohol	59	Compound	Not	Detected.					
28 Methyl-tert-butyl ether	73	Compound	Not	Detected.					
27 trans-1,2-Dichloroethene	96	Compound	Not	Detected.					
26 Acrylonitrile	53	Compound	Not	Detected.					
30 n-Hexane	57	Compound	Not	Detected.					
29 Diisopropyl ether	45	Compound	Not	Detected.					
32 Vinyl acetate	43	Compound	Not	Detected.					
31 1,1-Dichloroethane	63	Compound	Not	Detected.					
33 Chloroprene	53	Compound	Not	Detected.					
34 Ethyl-tert-butyl ether	59	Compound	Not	Detected.					
36 2,2-Dichloropropane	77	Compound	Not	Detected.					
35 cis-1,2-Dichloroethene	96	Compound	Not	Detected.					
39 Ethyl acetate	61	Compound	Not	Detected.					
37 2-Butanone (MEK)	43	Compound	Not	Detected.					
41 Bromochloromethane	128	Compound	Not	Detected.					
42 Tetrahydrofuran	42	Compound	Not	Detected.					
43 Chloroform	83	3.336	3.336	(0.968)	13355	3.08458	3.08		
38 Propionitrile	54	Compound	Not	Detected.					
46 Cyclohexane	56	Compound	Not	Detected.					
45 1,1,1-Trichloroethane	97	Compound	Not	Detected.					
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	272186	50.0000	(Q)		
48 Carbon tetrachloride	117	Compound	Not	Detected.				(D)	
47 1,1-Dichloropropene	75	Compound	Not	Detected.				(D)	
55 2,2,4-Trimethylpentane	57	Compound	Not	Detected.					
51 Benzene	78	Compound	Not	Detected.					
40 Methacrylonitrile	67	Compound	Not	Detected.					
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	186365	50.7857	50.8		
56 tert-Amylmethyl ether	73	Compound	Not	Detected.					
52 1,2-Dichloroethane	62	Compound	Not	Detected.					
57 n-Heptane	43	Compound	Not	Detected.					
* 58 1,4-Difluorobenzene (IS)	114	3.884	3.885	(1.000)	484846	50.0000			
59 Trichloroethene	95	Compound	Not	Detected.					
60 Methylcyclohexane	83	Compound	Not	Detected.					
49 Isobutanol	43	Compound	Not	Detected.					
53 tert-Amyl Alcohol	59	Compound	Not	Detected.					
54 tert-Amyl ethyl ether	59	Compound	Not	Detected.					
61 1,2-Dichloropropane	63	Compound	Not	Detected.					
63 Methyl methacrylate	69	Compound	Not	Detected.					
64 1,4-Dioxane (p-Dioxane)	88	Compound	Not	Detected.					
62 Dibromomethane	93	Compound	Not	Detected.					
65 Bromodichloromethane	83	Compound	Not	Detected.					
66 2-Nitropropane	43	Compound	Not	Detected.					
67 2-Chloroethylvinyl ether	63	Compound	Not	Detected.					
68 cis-1,3-Dichloropropene	75	Compound	Not	Detected.					
69 4-Methyl-2-pentanone (MIBK)	43	Compound	Not	Detected.				(D)	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	599541	53.4229	53.4		
71 Toluene	91	Compound	Not	Detected.					
72 Methyl isothiocyanate	73	Compound	Not	Detected.					
74 trans-1,3-Dichloropropene	75	Compound	Not	Detected.					
75 Ethyl methacrylate	69	Compound	Not	Detected.					
76 1,1,2-Trichloroethane	83	Compound	Not	Detected.					
77 Tetrachloroethene	166	5.195	5.195	(0.895)	43607	17.0936	17.1		
78 1,3-Dichloropropane	76	Compound	Not	Detected.					

Compounds	QUANT SIG							CONCENTRATIONS		REVIEW C
		RT	EXP	RT	REL	RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	=====	=====	=====	=====	=====	=====	(ug/L)	(ug/L)	=====
79 2-Hexanone	43	Compound	Not	Detected.						
73 n-Octane	43	Compound	Not	Detected.						
81 n-Butyl acetate	43	Compound	Not	Detected.						
80 Dibromochloromethane	129	Compound	Not	Detected.						
82 1,2-Dibromoethane (EDB)	107	Compound	Not	Detected.						
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)		247122	50.0000			
84 Chlorobenzene	112	Compound	Not	Detected.						
86 Ethylbenzene	106	Compound	Not	Detected.						
85 1,1,1,2-Tetrachloroethane	131	Compound	Not	Detected.						
88 n-Nonane	43	Compound	Not	Detected.						
87 m&p-Xylene	106	Compound	Not	Detected.						
89 o-Xylene	106	Compound	Not	Detected.						
90 Styrene	104	Compound	Not	Detected.						
91 Bromoform	173	Compound	Not	Detected.						
92 Isopropylbenzene (Cumene)	105	Compound	Not	Detected.						
\$ 93 4-Bromofluorobenzene (S)	95	6.664	6.665	(1.148)		213131	49.9409	49.9		
94 Bromobenzene	156	Compound	Not	Detected.						
95 1,1,2,2-Tetrachloroethane	83	Compound	Not	Detected.						
98 n-Propylbenzene	91	Compound	Not	Detected.						
96 1,2,3-Trichloropropane	110	Compound	Not	Detected.						
97 trans-1,4-Dichloro-2-butene	53	Compound	Not	Detected.						
103 n-Decane	43	Compound	Not	Detected.						
99 2-Chlorotoluene	91	Compound	Not	Detected.						
100 4-Ethyltoluene	105	Compound	Not	Detected.						
101 1,3,5-Trimethylbenzene	105	Compound	Not	Detected.						
102 4-Chlorotoluene	91	Compound	Not	Detected.						
104 tert-Butylbenzene	119	Compound	Not	Detected.						
105 Pentachloroethane	167	Compound	Not	Detected.						
106 1,2,4-Trimethylbenzene	105	Compound	Not	Detected.						
107 sec-Butylbenzene	105	Compound	Not	Detected.						
109 d-Limonene	136	Compound	Not	Detected.						
110 p-Isopropyltoluene	119	Compound	Not	Detected.						
108 1,3-Dichlorobenzene	146	Compound	Not	Detected.						
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)		221332	50.0000			
112 1,4-Dichlorobenzene	146	Compound	Not	Detected.						
113 1,2,3-Trimethylbenzene	105	Compound	Not	Detected.						
114 Benzyl chloride	91	Compound	Not	Detected.						
115 trans-Decalin	138	Compound	Not	Detected.						
116 1,4-Diethylbenzene	119	Compound	Not	Detected.						
117 n-Butylbenzene	91	Compound	Not	Detected.						
119 n-Undecane	43	Compound	Not	Detected.						
118 1,2-Dichlorobenzene	146	Compound	Not	Detected.						
120 cis-Decalin	138	Compound	Not	Detected.						
121 1,2,4,5-tetramethylbenzene	119	Compound	Not	Detected.						
122 1,2-Dibromo-3-chloropropane	75	Compound	Not	Detected.						
123 n-Dodecane	43	Compound	Not	Detected.						(D)
124 1,2,4-Trichlorobenzene	180	Compound	Not	Detected.						
125 Hexachloro-1,3-butadiene	225	Compound	Not	Detected.						
126 Naphthalene	128	Compound	Not	Detected.						
127 1,2,3-Trichlorobenzene	180	Compound	Not	Detected.						

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64529.D
Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

:

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64529.D
Report Date: 15-Feb-2021 11:54

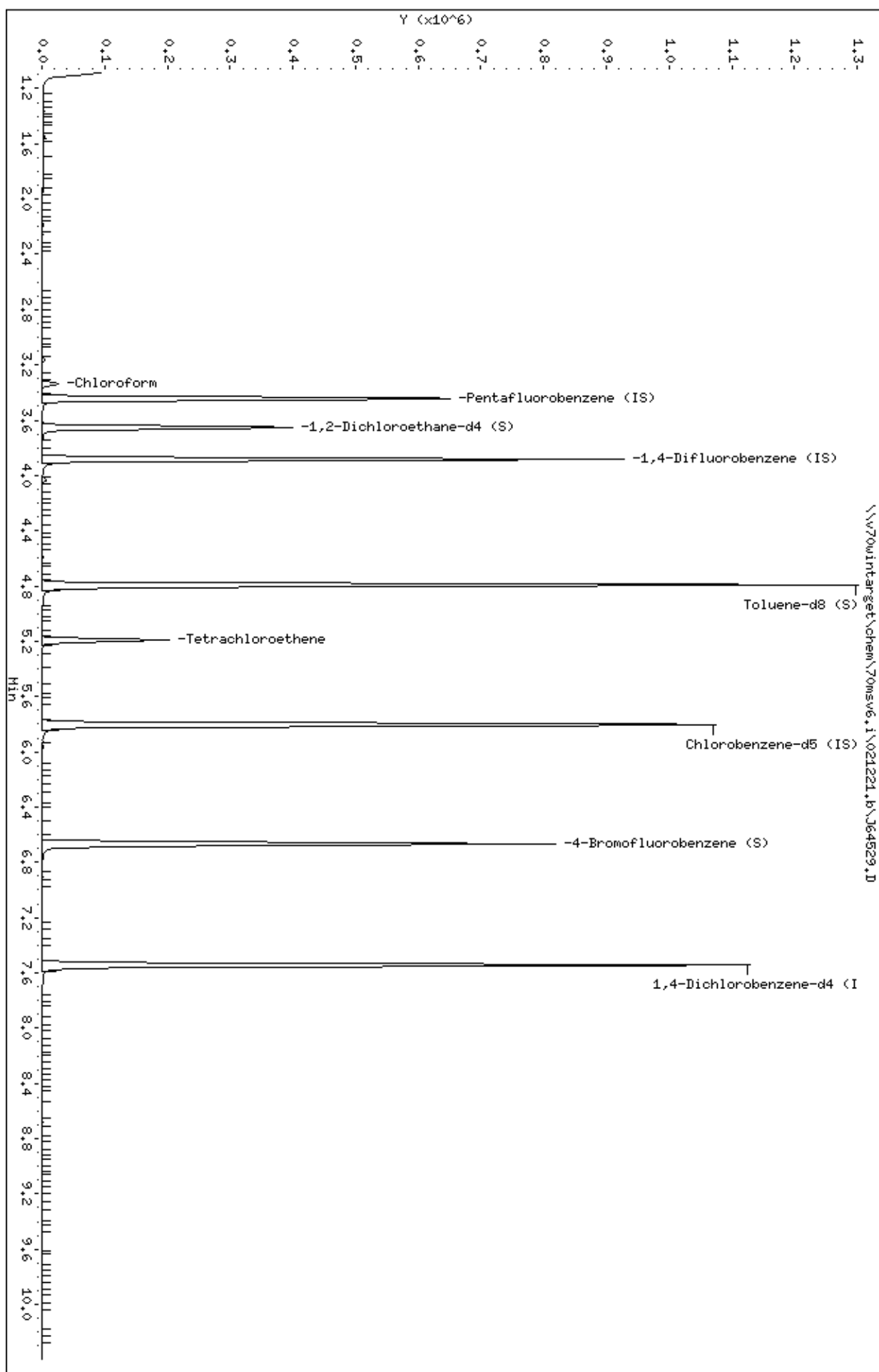
Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1
Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64529.D
Lab Smp Id: 70162103006 Client Smp ID: MW-11S
Inj Date : 12-FEB-2021 15:24 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103006,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

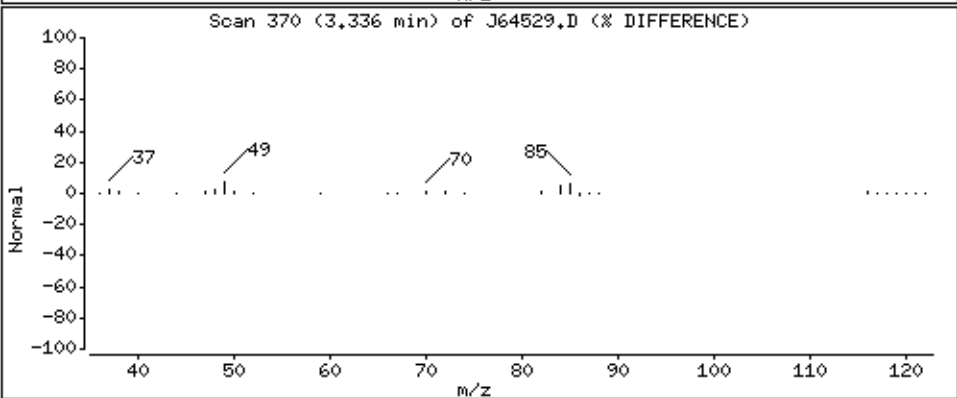
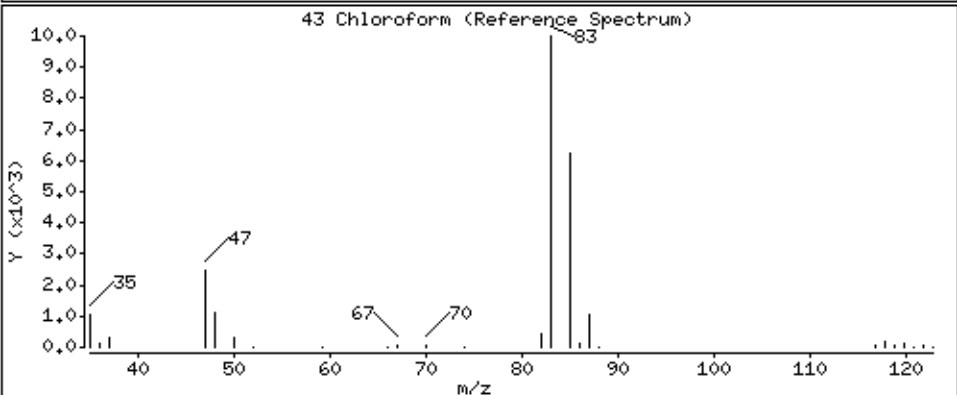
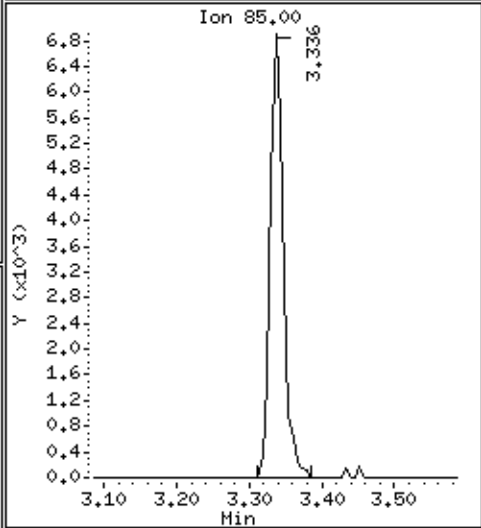
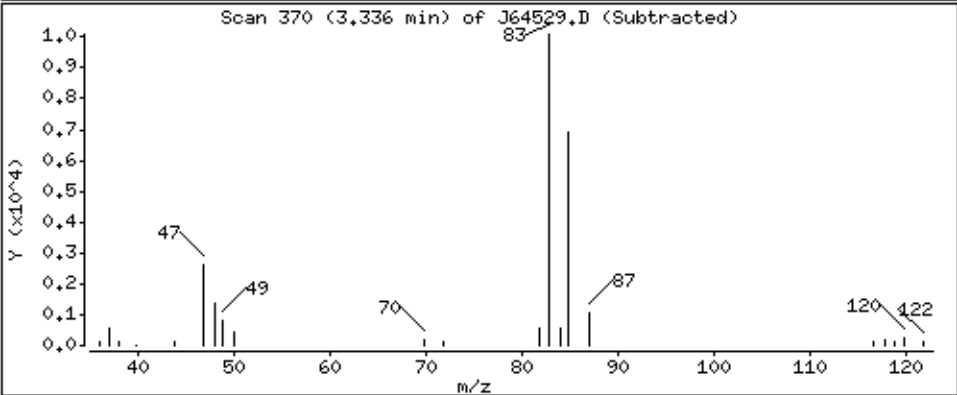
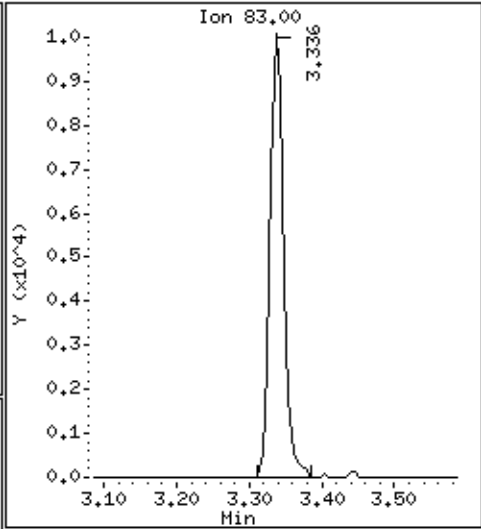
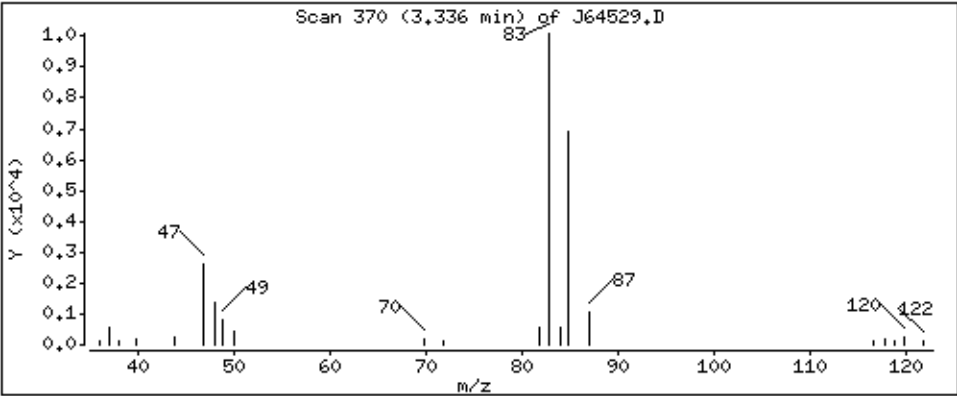
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Date : 12-FEB-2021 15:24
Client ID: HM-115
Sample Info: 70162103006,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18



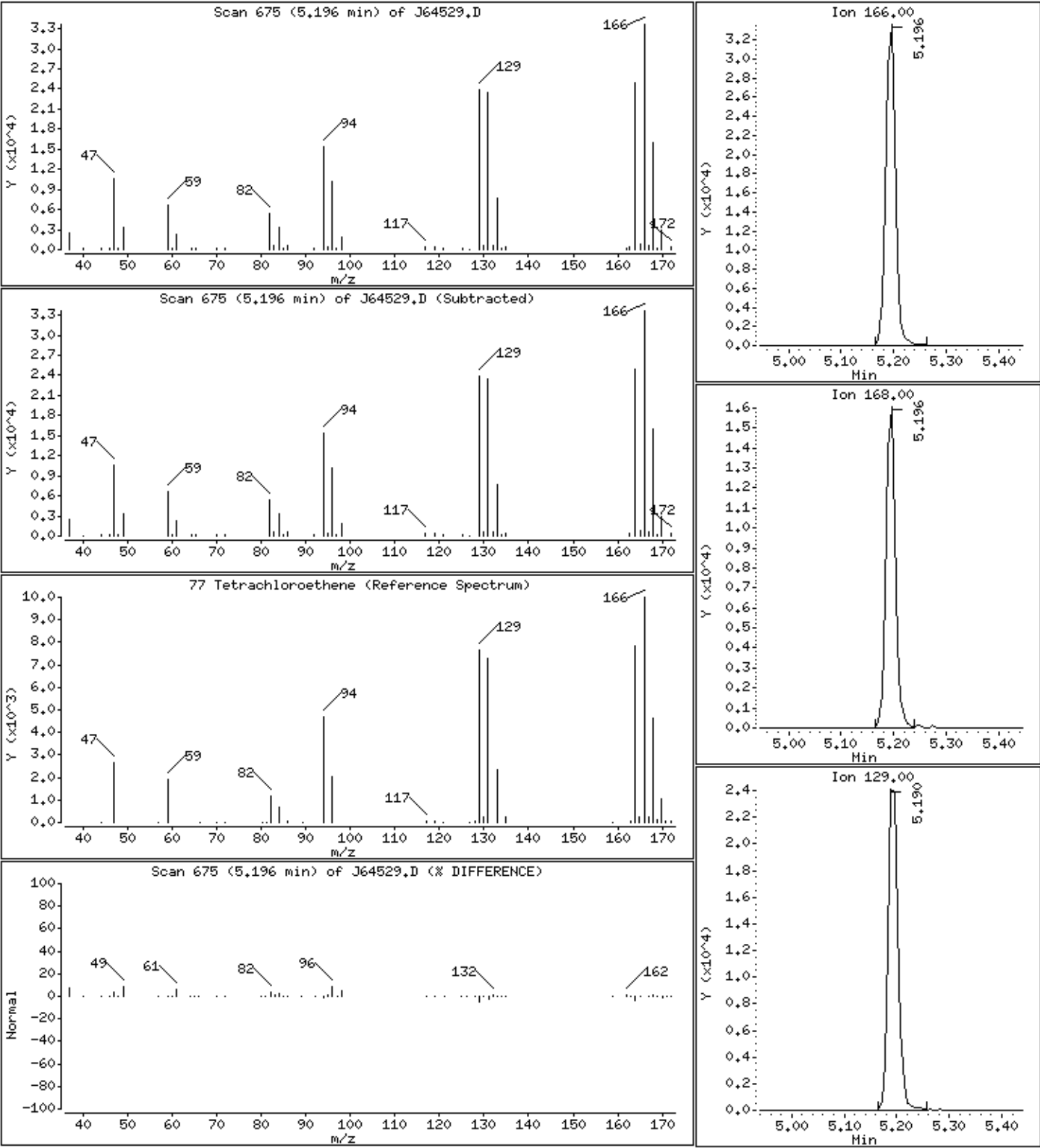
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Date : 12-FEB-2021 15:24
Client ID: MW-11S
Sample Info: 70162103006,
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

43 Chloroform Concentration: 3,08 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64529.D
Date : 12-FEB-2021 15:24
Client ID: MW-11S
Instrument: 70msv6.i
Sample Info: 70162103006,
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

77 Tetrachloroethene Concentration: 17.1 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64529.D
Injection Date: 12-FEB-2021 15:24
Instrument: 70msv6.i
Lab Sample ID: 70162103006
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BD

Lab Name: Pace Analytical - New York
Date Received: 02/10/2021 13:23
Date Extracted: 02/12/2021 13:20
Date Analyzed: 02/12/2021 13:20
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: SUTTER AVENUE 2/10
Matrix: Water SDG No.: 70162103
Lab Sample ID: 70162103007
Lab File ID: 021221.B\J64523.D
Instrument: 70MSV6 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	3.0	
74-87-3	Chloromethane	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	16.0	
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
75-01-4	Vinyl chloride	<1.0	U

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64523.D
Lab Smp Id: 70162103007 Client Smp ID: BD
Inj Date : 12-FEB-2021 13:20 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103007,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS		
		QUANT		SIG		ON-COLUMN	FINAL	
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	REVIEW C
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51	Compound	Not	Detected.				
2 Dichlorotetrafluoroethane	135	Compound	Not	Detected.				
3 Dichlorodifluoromethane	85	Compound	Not	Detected.				
4 Chloromethane	50	Compound	Not	Detected.				
5 Vinyl chloride	62	Compound	Not	Detected.				
6 1,3-Butadiene	54	Compound	Not	Detected.				
7 Acetaldehyde	44	Compound	Not	Detected.				(D)
8 Bromomethane	94	Compound	Not	Detected.				
9 Chloroethane	64	Compound	Not	Detected.				
10 Dichlorofluoromethane	67	Compound	Not	Detected.				
11 Trichlorofluoromethane	101	Compound	Not	Detected.				
12 Ethanol	45	Compound	Not	Detected.				
13 Diethyl ether (Ethyl ether)	59	Compound	Not	Detected.				
16 1,1,2-Trichlorotrifluoroethane	101	Compound	Not	Detected.				
14 Acrolein	56	Compound	Not	Detected.				
15 1,1-Dichloroethene	96	Compound	Not	Detected.				
17 Acetone	43	Compound	Not	Detected.				
18 Iodomethane	142	Compound	Not	Detected.				
19 2-Propanol	45	Compound	Not	Detected.				
20 Carbon disulfide	76	Compound	Not	Detected.				
21 Allyl chloride	76	Compound	Not	Detected.				
22 Acetonitrile	41	Compound	Not	Detected.				

Compounds	QUANT SIG	CONCENTRATIONS							REVIEW C
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
							(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	
23 Methyl acetate	43	Compound	Not	Detected.					
24 Methylene Chloride	84	Compound	Not	Detected.					
25 tert-Butyl Alcohol	59	Compound	Not	Detected.					
28 Methyl-tert-butyl ether	73	Compound	Not	Detected.					
27 trans-1,2-Dichloroethene	96	Compound	Not	Detected.					
26 Acrylonitrile	53	Compound	Not	Detected.					
30 n-Hexane	57	Compound	Not	Detected.					
29 Diisopropyl ether	45	Compound	Not	Detected.					
32 Vinyl acetate	43	Compound	Not	Detected.					
31 1,1-Dichloroethane	63	Compound	Not	Detected.					
33 Chloroprene	53	Compound	Not	Detected.					
34 Ethyl-tert-butyl ether	59	Compound	Not	Detected.					
36 2,2-Dichloropropane	77	Compound	Not	Detected.					
35 cis-1,2-Dichloroethene	96	Compound	Not	Detected.					
39 Ethyl acetate	61	Compound	Not	Detected.					
37 2-Butanone (MEK)	43	Compound	Not	Detected.					
41 Bromochloromethane	128	Compound	Not	Detected.					
42 Tetrahydrofuran	42	Compound	Not	Detected.					
43 Chloroform	83	3.336	3.336	(0.968)	13916	3.03525	3.04		
38 Propionitrile	54	Compound	Not	Detected.					
46 Cyclohexane	56	Compound	Not	Detected.					
45 1,1,1-Trichloroethane	97	Compound	Not	Detected.					
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	288229	50.0000	(Q)		
48 Carbon tetrachloride	117	Compound	Not	Detected.				(D)	
47 1,1-Dichloropropene	75	Compound	Not	Detected.				(D)	
55 2,2,4-Trimethylpentane	57	Compound	Not	Detected.					
51 Benzene	78	Compound	Not	Detected.					
40 Methacrylonitrile	67	Compound	Not	Detected.					
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	198884	50.9487	50.9		
56 tert-Amylmethyl ether	73	Compound	Not	Detected.					
52 1,2-Dichloroethane	62	Compound	Not	Detected.					
57 n-Heptane	43	Compound	Not	Detected.					
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	515760	50.0000			
59 Trichloroethene	95	Compound	Not	Detected.					
60 Methylcyclohexane	83	Compound	Not	Detected.					
49 Isobutanol	43	Compound	Not	Detected.					
53 tert-Amyl Alcohol	59	Compound	Not	Detected.					
54 tert-Amyl ethyl ether	59	Compound	Not	Detected.					
61 1,2-Dichloropropane	63	Compound	Not	Detected.					
63 Methyl methacrylate	69	Compound	Not	Detected.					
64 1,4-Dioxane (p-Dioxane)	88	Compound	Not	Detected.					
62 Dibromomethane	93	Compound	Not	Detected.					
65 Bromodichloromethane	83	Compound	Not	Detected.					
66 2-Nitropropane	43	Compound	Not	Detected.					
67 2-Chloroethylvinyl ether	63	Compound	Not	Detected.					
68 cis-1,3-Dichloropropene	75	Compound	Not	Detected.					
69 4-Methyl-2-pentanone (MIBK)	43	Compound	Not	Detected.				(D)	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	640108	53.0516	53.0		
71 Toluene	91	Compound	Not	Detected.					
72 Methyl isothiocyanate	73	Compound	Not	Detected.					
74 trans-1,3-Dichloropropene	75	Compound	Not	Detected.					
75 Ethyl methacrylate	69	Compound	Not	Detected.					
76 1,1,2-Trichloroethane	83	Compound	Not	Detected.					
77 Tetrachloroethene	166	5.195	5.195	(0.895)	43900	16.0058	16.0		
78 1,3-Dichloropropane	76	Compound	Not	Detected.					

Compounds	QUANT SIG							CONCENTRATIONS		REVIEW C
		RT	EXP	RT	REL	RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	=====	=====	=====	=====	=====	=====	(ug/L)	(ug/L)	=====
79 2-Hexanone	43	Compound	Not	Detected.						
73 n-Octane	43	Compound	Not	Detected.						
81 n-Butyl acetate	43	Compound	Not	Detected.						
80 Dibromochloromethane	129	Compound	Not	Detected.						
82 1,2-Dibromoethane (EDB)	107	Compound	Not	Detected.						(D)
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)		265690	50.0000			
84 Chlorobenzene	112	Compound	Not	Detected.						
86 Ethylbenzene	106	Compound	Not	Detected.						
85 1,1,1,2-Tetrachloroethane	131	Compound	Not	Detected.						
88 n-Nonane	43	Compound	Not	Detected.						
87 m&p-Xylene	106	Compound	Not	Detected.						
89 o-Xylene	106	Compound	Not	Detected.						
90 Styrene	104	Compound	Not	Detected.						
91 Bromoform	173	Compound	Not	Detected.						
92 Isopropylbenzene (Cumene)	105	Compound	Not	Detected.						
\$ 93 4-Bromofluorobenzene (S)	95	6.665	6.665	(1.148)		224204	48.8640	48.9		
94 Bromobenzene	156	Compound	Not	Detected.						
95 1,1,2,2-Tetrachloroethane	83	Compound	Not	Detected.						
98 n-Propylbenzene	91	Compound	Not	Detected.						
96 1,2,3-Trichloropropane	110	Compound	Not	Detected.						
97 trans-1,4-Dichloro-2-butene	53	Compound	Not	Detected.						
103 n-Decane	43	Compound	Not	Detected.						
99 2-Chlorotoluene	91	Compound	Not	Detected.						
100 4-Ethyltoluene	105	Compound	Not	Detected.						
101 1,3,5-Trimethylbenzene	105	Compound	Not	Detected.						
102 4-Chlorotoluene	91	Compound	Not	Detected.						
104 tert-Butylbenzene	119	Compound	Not	Detected.						
105 Pentachloroethane	167	Compound	Not	Detected.						
106 1,2,4-Trimethylbenzene	105	Compound	Not	Detected.						
107 sec-Butylbenzene	105	Compound	Not	Detected.						
109 d-Limonene	136	Compound	Not	Detected.						
110 p-Isopropyltoluene	119	Compound	Not	Detected.						
108 1,3-Dichlorobenzene	146	Compound	Not	Detected.						
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)		234524	50.0000			
112 1,4-Dichlorobenzene	146	Compound	Not	Detected.						
113 1,2,3-Trimethylbenzene	105	Compound	Not	Detected.						
114 Benzyl chloride	91	Compound	Not	Detected.						
115 trans-Decalin	138	Compound	Not	Detected.						
116 1,4-Diethylbenzene	119	Compound	Not	Detected.						
117 n-Butylbenzene	91	Compound	Not	Detected.						
119 n-Undecane	43	Compound	Not	Detected.						
118 1,2-Dichlorobenzene	146	Compound	Not	Detected.						
120 cis-Decalin	138	Compound	Not	Detected.						
121 1,2,4,5-tetramethylbenzene	119	Compound	Not	Detected.						
122 1,2-Dibromo-3-chloropropane	75	Compound	Not	Detected.						
123 n-Dodecane	43	Compound	Not	Detected.						(D)
124 1,2,4-Trichlorobenzene	180	Compound	Not	Detected.						
125 Hexachloro-1,3-butadiene	225	Compound	Not	Detected.						
126 Naphthalene	128	9.335	9.329	(1.238)		9049	1.55273	1.55		
127 1,2,3-Trichlorobenzene	180	Compound	Not	Detected.						

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64523.D
Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

:

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64523.D
Report Date: 15-Feb-2021 11:54

Pace Analytical Services, Inc.

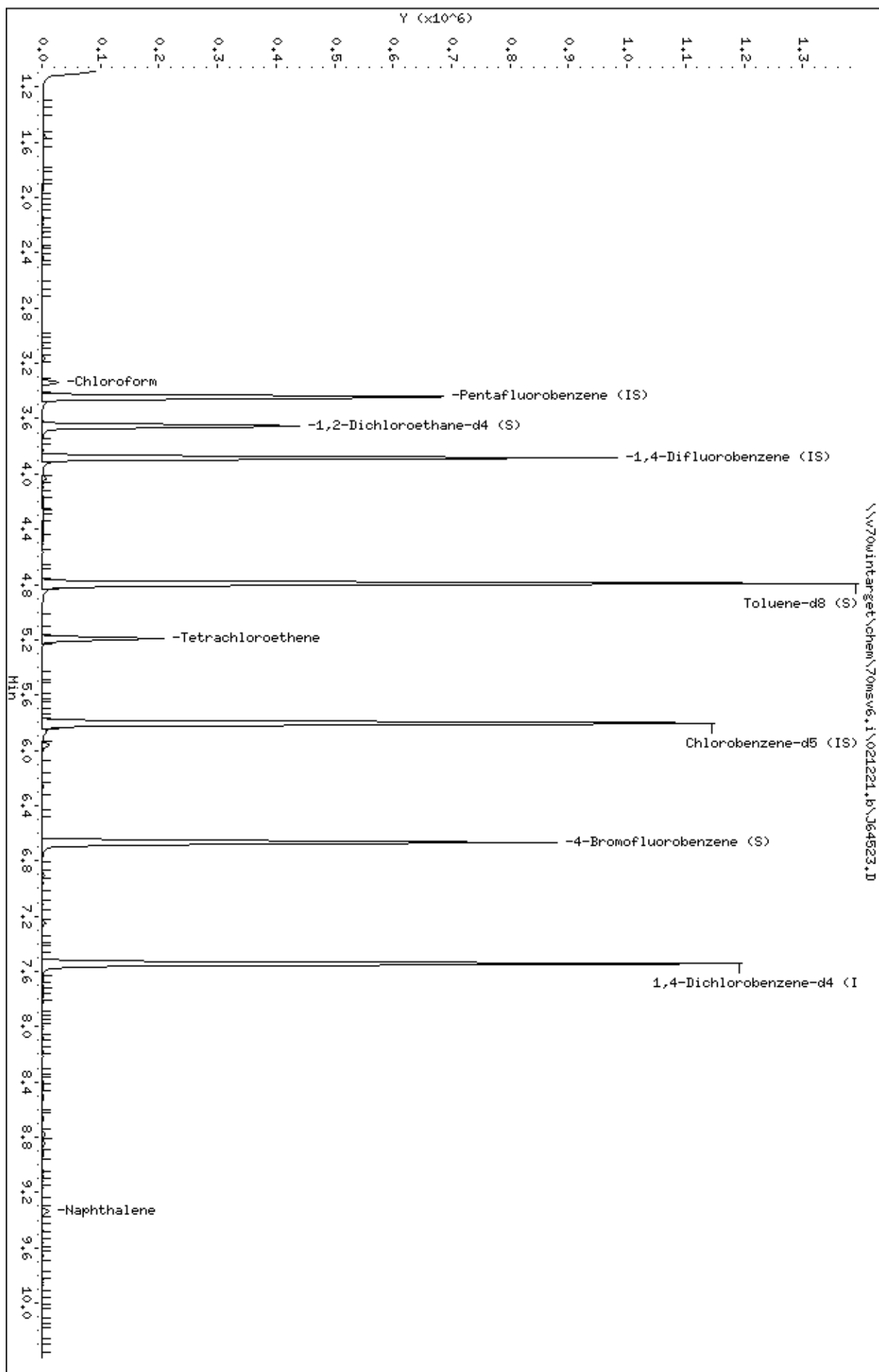
SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64523.D
Lab Smp Id: 70162103007 Client Smp ID: BD
Inj Date : 12-FEB-2021 13:20 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 70162103007,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

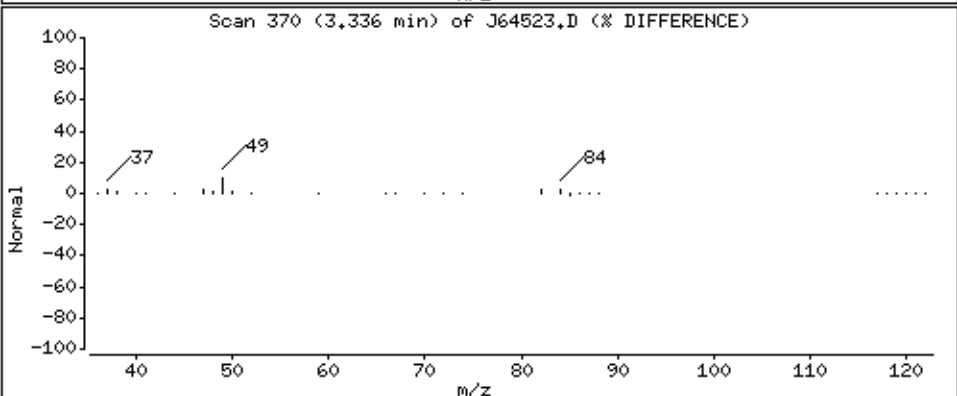
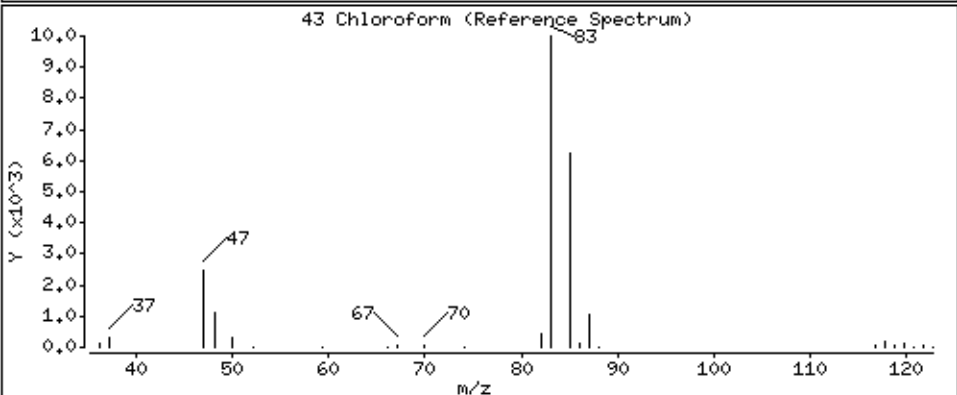
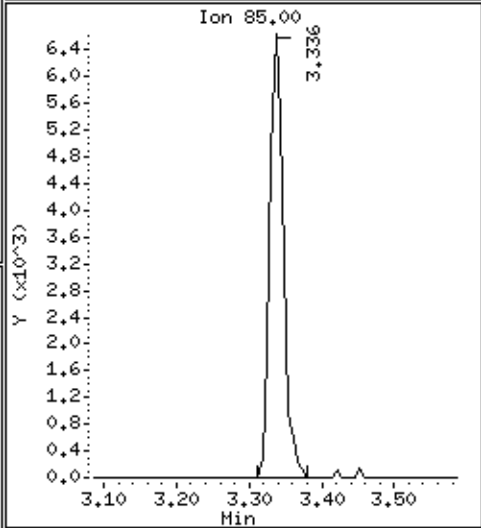
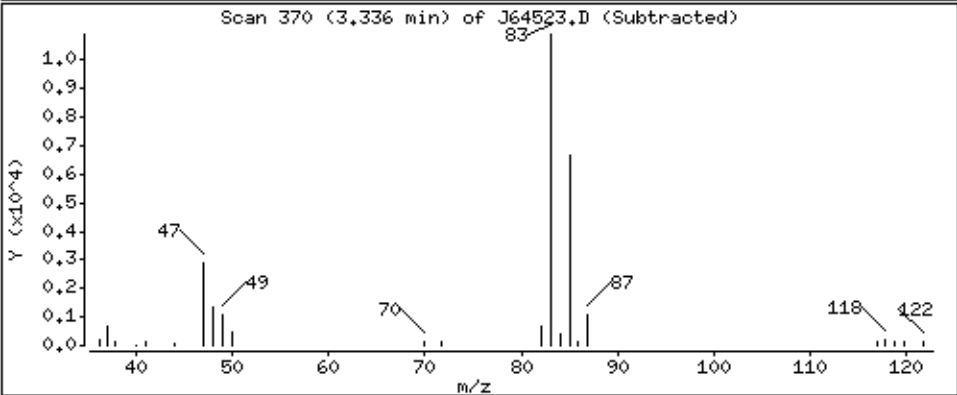
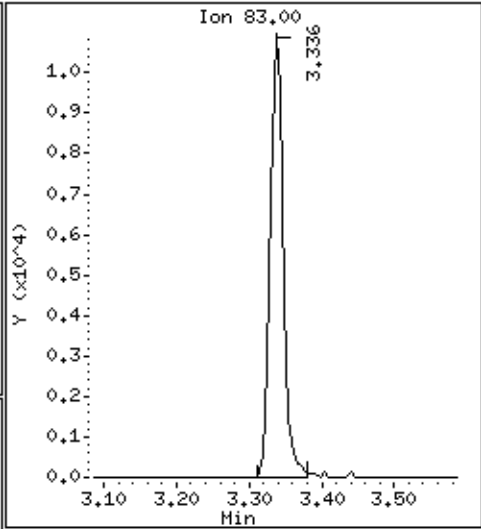
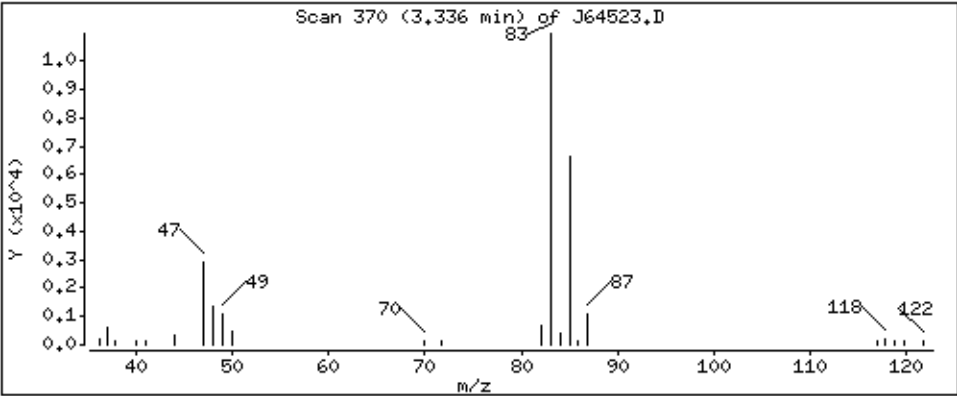
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Date : 12-FEB-2021 13:20
Client ID: BD
Sample Info: 70162103007,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18



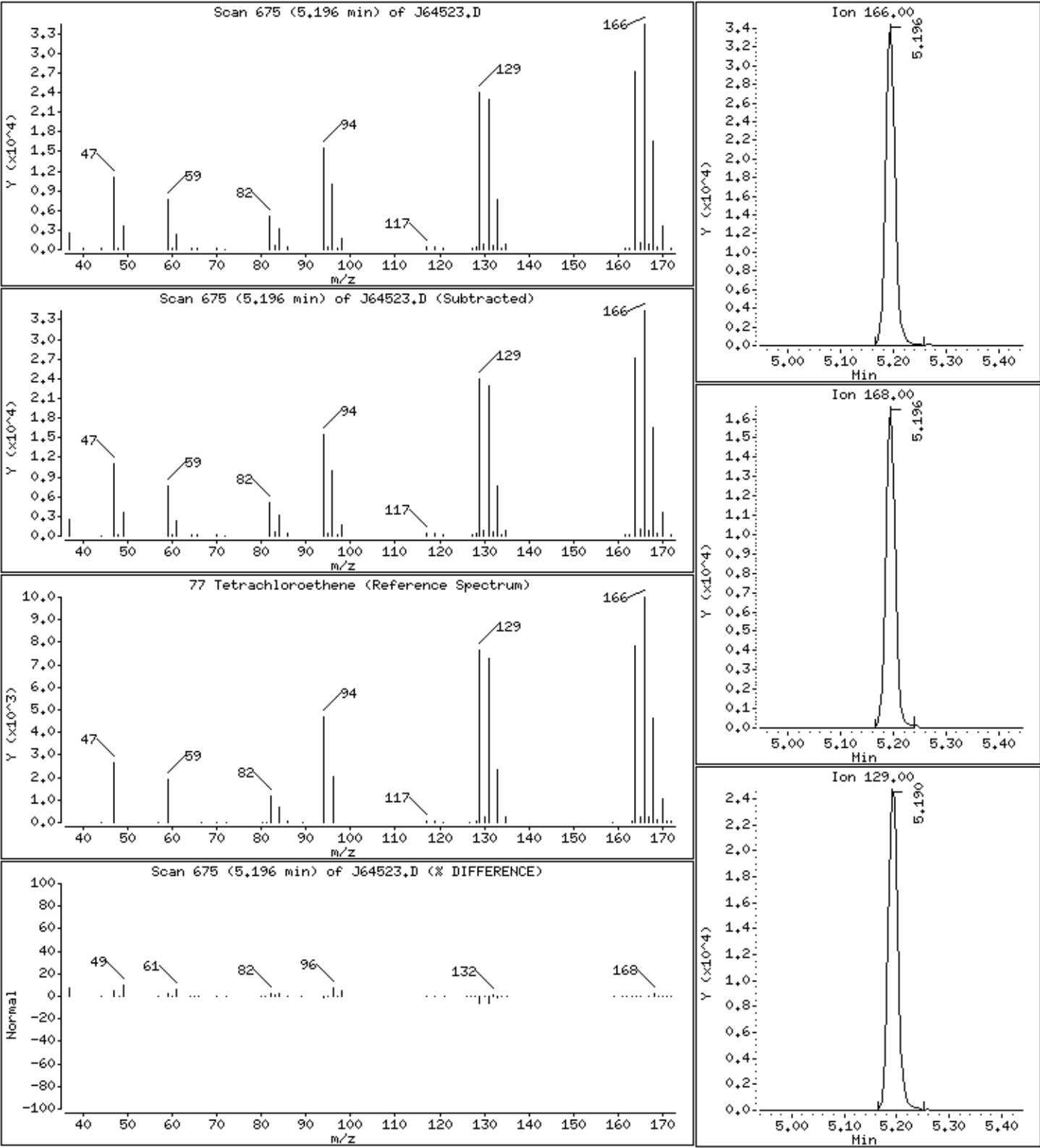
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Date : 12-FEB-2021 13:20
Client ID: BD
Instrument: 70msv6.i
Sample Info: 70162103007,
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

43 Chloroform
Concentration: 3,04 ug/L
Review Code:



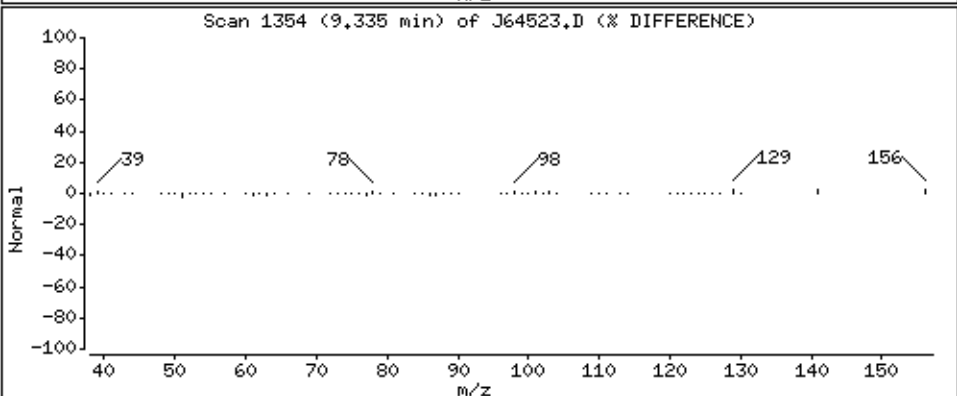
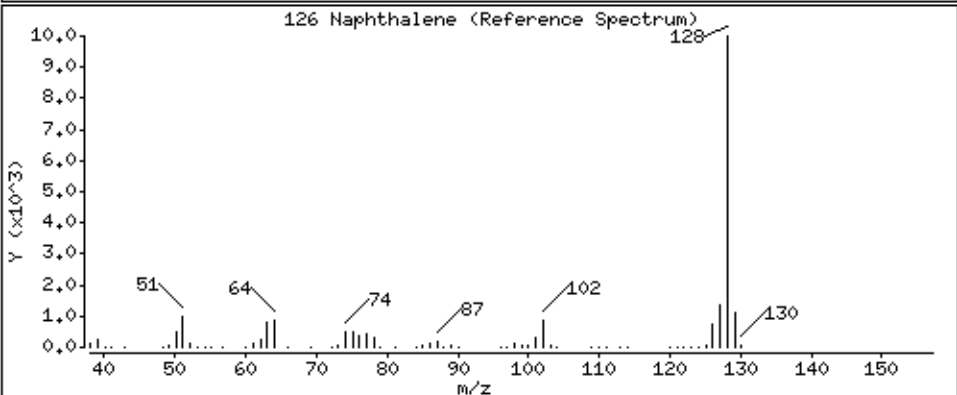
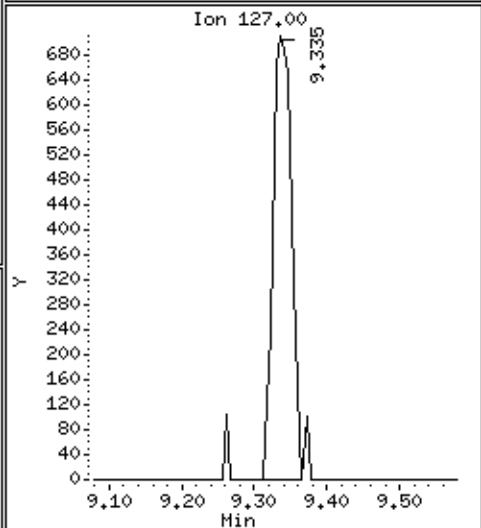
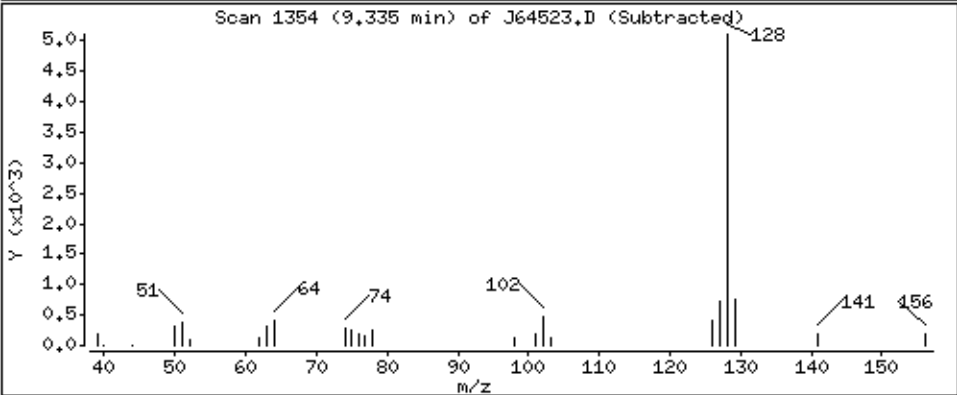
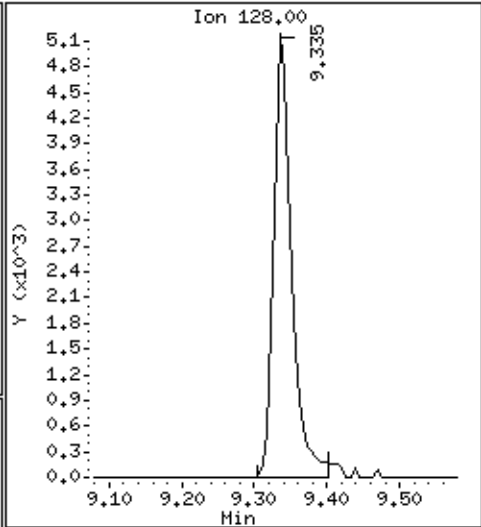
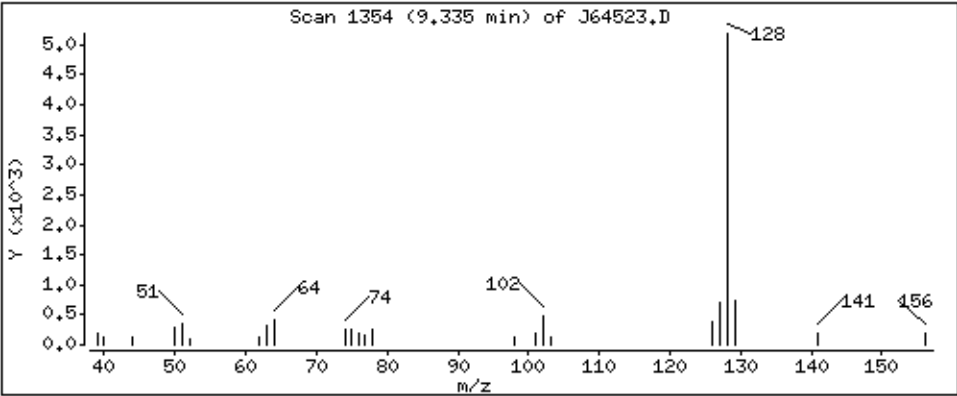
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Date : 12-FEB-2021 13:20
Client ID: BD
Instrument: 70msv6.i
Sample Info: 70162103007,
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

77 Tetrachloroethene Concentration: 16.0 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64523.D
Date : 12-FEB-2021 13:20
Client ID: BD
Instrument: 70msv6.i
Sample Info: 70162103007,
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

126 Naphthalene Concentration: 1,55 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64523.D
Injection Date: 12-FEB-2021 13:20
Instrument: 70msv6.i
Lab Sample ID: 70162103007
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM VI VOA-1
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - New York Instrument ID: 70MSV6 GC Column: Col 1 SDG No.: 70162103
Calibration Date(s): 12/07/2020 12/07/2020 Calibration Time(s): 14:58 17:24

LAB FILE ID

CAL1 = 120720.B\J63312.D CAL2 = 120720.B\J63313.D CAL3 = 120720.B\J63314.D
CAL4 = 120720.B\J63315.D CAL5 = 120720.B\J63316.D CAL6 = 120720.B\J63317.D
CAL7 = 120720.B\J63318.D CAL8 = 120720.B\J63319.D

COMPOUND	CURVE TYPE	CAL1	CAL2	CAL3	CAL4	CAL5	CAL6
Acetone	Linear			0.24701	0.20830	0.16744	0.14285
Bromochloromethane	Averaged		0.23237	0.22557	0.19589	0.19367	0.19124
Bromodichloromethane	Averaged		0.37960	0.34893	0.32735	0.32764	0.32875
Carbon tetrachloride	Averaged		0.34780	0.32012	0.30727	0.29212	0.29258
Chloroethane	Averaged		0.43115	0.35959	0.35995	0.34150	0.33237
Chloroform	Averaged		0.85437	0.80434	0.79530	0.76600	0.73184
Chloromethane	Averaged		0.61080	0.56903	0.52775	0.52021	0.51714
1,2-Dibromo-3-chloropropane	Averaged		0.10613	0.10200	0.10351	0.11133	0.11193
Dibromochloromethane	Averaged		0.36033	0.37235	0.37680	0.38463	0.39895
trans-1,4-Dichloro-2-butene	Averaged		0.15403	0.16511	0.17166	0.17190	0.18014
1,1-Dichloroethane	Averaged		0.87474	0.88438	0.81323	0.78283	0.75729
1,1-Dichloroethene	Averaged	0.43146	0.40222	0.39033	0.35150	0.34811	0.33756
cis-1,2-Dichloroethene	Averaged		0.54516	0.51121	0.48602	0.47432	0.45932
trans-1,2-Dichloroethene	Averaged		0.46148	0.43297	0.40806	0.38972	0.38276
1,2-Dichloropropane	Averaged		0.28430	0.26249	0.25755	0.24798	0.24826
cis-1,3-Dichloropropene	Averaged	0.45408	0.43742	0.42471	0.40450	0.41661	0.41492
trans-1,3-Dichloropropene	Averaged	0.37176	0.36947	0.37490	0.37053	0.36852	0.37621
Methylene Chloride	Averaged		0.64984	0.50960	0.43901	0.42046	0.40510
1,1,2,2-Tetrachloroethane	Averaged		0.70973	0.63798	0.61921	0.60725	0.60537
Tetrachloroethene	Averaged		0.56508	0.55099	0.52651	0.48387	0.48899
1,1,1-Trichloroethane	Averaged		0.42925	0.41054	0.39788	0.38545	0.37938
1,1,2-Trichloroethane	Averaged		0.19850	0.19056	0.17935	0.17692	0.17748
Trichloroethene	Averaged		0.29815	0.27298	0.26329	0.24923	0.24408
Trichlorofluoromethane	Averaged		0.67223	0.63895	0.61407	0.61095	0.61921
1,2,3-Trichloropropane	Averaged	0.18881	0.23850	0.22569	0.20125	0.20418	0.19992
Vinyl chloride	Averaged		0.62246	0.62258	0.58599	0.55822	0.56861
4-Bromofluorobenzene (S)	Averaged	0.86521	0.84811	0.85368	0.85947	0.86800	0.86860
1,2-Dichloroethane-d4 (S)	Averaged	0.38452	0.37959	0.38069	0.37913	0.38040	0.36939
Toluene-d8 (S)	Averaged	2.27673	2.25126	2.26516	2.27772	2.26883	2.28086

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

02/15/2021 1:12

MSV - FORM VI VOA-2
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - New York Instrument ID: 70MSV6 GC Column: Col 1 SDG No.: 70162103
Calibration Date(s): 12/07/2020 12/07/2020 Calibration Time(s): 14:58 17:24

LAB FILE ID

CAL1 = 120720.B\J63312.D CAL2 = 120720.B\J63313.D CAL3 = 120720.B\J63314.D
CAL4 = 120720.B\J63315.D CAL5 = 120720.B\J63316.D CAL6 = 120720.B\J63317.D
CAL7 = 120720.B\J63318.D CAL8 = 120720.B\J63319.D

COMPOUND	CURVE TYPE	CAL7	CAL8
Acetone	Linear	0.13895	0.11448
Bromochloromethane	Averaged	0.20570	0.22044
Bromodichloromethane	Averaged	0.36301	0.38752
Carbon tetrachloride	Averaged	0.30583	0.33643
Chloroethane	Averaged	0.34125	0.36659
Chloroform	Averaged	0.78134	0.83419
Chloromethane	Averaged	0.53537	0.57703
1,2-Dibromo-3-chloropropane	Averaged	0.12708	0.13211
Dibromochloromethane	Averaged	0.45721	0.49007
trans-1,4-Dichloro-2-butene	Averaged	0.20617	0.22248
1,1-Dichloroethane	Averaged	0.79770	0.84658
1,1-Dichloroethene	Averaged	0.34306	0.37479
cis-1,2-Dichloroethene	Averaged	0.50477	0.53408
trans-1,2-Dichloroethene	Averaged	0.40389	0.43207
1,2-Dichloropropane	Averaged	0.26293	0.28141
cis-1,3-Dichloropropene	Averaged	0.44994	0.47610
trans-1,3-Dichloropropene	Averaged	0.41408	0.44362
Methylene Chloride	Averaged	0.43157	0.45392
1,1,2,2-Tetrachloroethane	Averaged	0.64418	0.66224
Tetrachloroethene	Averaged	0.49070	0.50696
1,1,1-Trichloroethane	Averaged	0.38439	0.41185
1,1,2-Trichloroethane	Averaged	0.19528	0.20708
Trichloroethene	Averaged	0.25943	0.27855
Trichlorofluoromethane	Averaged	0.59553	0.65839
1,2,3-Trichloropropane	Averaged	0.21528	0.22122
Vinyl chloride	Averaged	0.56529	0.61134
4-Bromofluorobenzene (S)	Averaged	0.87576	0.86896
1,2-Dichloroethane-d4 (S)	Averaged	0.36958	0.38417
Toluene-d8 (S)	Averaged	2.27740	2.26722

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

02/15/2021 1:12

MSV - FORM VI VOA-3
MSV INITIAL CALIBRATION DATA

Lab Name: Pace Analytical - New York Instrument ID: 70MSV6 GC Column: Col 1 SDG No.: 70162103
Calibration Date(s): 12/07/2020 12/07/2020 Calibration Time(s): 14:58 17:24

LAB FILE ID

CAL1 = 120720.B\J63312.D CAL2 = 120720.B\J63313.D CAL3 = 120720.B\J63314.D
CAL4 = 120720.B\J63315.D CAL5 = 120720.B\J63316.D CAL6 = 120720.B\J63317.D
CAL7 = 120720.B\J63318.D CAL8 = 120720.B\J63319.D

COMPOUND	CURVE TYPE	%RSD	R2	A1	A2	A3
Acetone	Linear		0.99078	0.02404945	0.11234	
Bromochloromethane	Averaged	8.00626			0.20927	
Bromodichloromethane	Averaged	7.24225			0.35183	
Carbon tetrachloride	Averaged	6.78033			0.31459	
Chloroethane	Averaged	9.12677			0.36177	
Chloroform	Averaged	5.17481			0.79534	
Chloromethane	Averaged	6.39770			0.55105	
1,2-Dibromo-3-chloropropane	Averaged	10.33045			0.11344	
Dibromochloromethane	Averaged	12.01723			0.40576	
trans-1,4-Dichloro-2-butene	Averaged	13.30021			0.18164	
1,1-Dichloroethane	Averaged	5.80306			0.82239	
1,1-Dichloroethene	Averaged	8.96801			0.37238	
cis-1,2-Dichloroethene	Averaged	6.20598			0.50213	
trans-1,2-Dichloroethene	Averaged	6.67219			0.41585	
1,2-Dichloropropane	Averaged	5.50559			0.26356	
cis-1,3-Dichloropropene	Averaged	5.53908			0.43478	
trans-1,3-Dichloropropene	Averaged	7.15800			0.38614	
Methylene Chloride	Averaged	17.95100			0.47278	
1,1,2,2-Tetrachloroethane	Averaged	5.72521			0.64085	
Tetrachloroethene	Averaged	6.24151			0.51616	
1,1,1-Trichloroethane	Averaged	4.55700			0.39982	
1,1,2-Trichloroethane	Averaged	6.21318			0.18931	
Trichloroethene	Averaged	6.93561			0.26653	
Trichlorofluoromethane	Averaged	4.39116			0.62990	
1,2,3-Trichloropropane	Averaged	7.66505			0.21186	
Vinyl chloride	Averaged	4.71922			0.59064	
4-Bromofluorobenzene (S)	Averaged	1.05310			0.86347	
1,2-Dichloroethane-d4 (S)	Averaged	1.55002			0.37843	
Toluene-d8 (S)	Averaged	0.42698			2.27065	

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\120720.b\J63312.D
Lab Smp Id: CAL1 Client Smp ID: CAL1
Inj Date : 07-DEC-2020 14:58 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : call, 103029:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\120720.b\120720_8260W.m
Meth Date : 09-Dec-2020 18:19 blagula Quant Type: ISTD
Cal Date : 07-DEC-2020 14:58 Cal File: J63312.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG						AMOUNTS		REVIEW C
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51		Compound	Not	Detected.				
2 Dichlorotetrafluoroethane	135		Compound	Not	Detected.				(D)
3 Dichlorodifluoromethane	85		Compound	Not	Detected.				(D)
4 Chloromethane	50		Compound	Not	Detected.				(D)
5 Vinyl chloride	62		Compound	Not	Detected.				(D)
6 1,3-Butadiene	54		Compound	Not	Detected.				(D)
7 Acetaldehyde	44		Compound	Not	Detected.				(D)
8 Bromomethane	94		Compound	Not	Detected.				(D)
9 Chloroethane	64		Compound	Not	Detected.				(D)
10 Dichlorofluoromethane	67		Compound	Not	Detected.				(D)
11 Trichlorofluoromethane	101		Compound	Not	Detected.				(D)
12 Ethanol	45		Compound	Not	Detected.				
13 Diethyl ether (Ethyl ether)	59		Compound	Not	Detected.				(D)
16 1,1,2-Trichlorotrifluoroethane	101		Compound	Not	Detected.				(D)
14 Acrolein	56		Compound	Not	Detected.				(D)
15 1,1-Dichloroethene	96		2.129	2.129	(0.618)	1119	0.40000	0.463	
17 Acetone	43		Compound	Not	Detected.				(D)
18 Iodomethane	142		Compound	Not	Detected.				
19 2-Propanol	45		Compound	Not	Detected.				(D)
20 Carbon disulfide	76		Compound	Not	Detected.				(D)
21 Allyl chloride	76		Compound	Not	Detected.				(D)
22 Acetonitrile	41		Compound	Not	Detected.				(D)
23 Methyl acetate	43		Compound	Not	Detected.				(D)

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	====	----	-----	-----	-----	-----	-----	-----	
24 Methylene Chloride	84	Compound	Not	Detected.				(D)	
25 tert-Butyl Alcohol	59	Compound	Not	Detected.				(D)	
28 Methyl-tert-butyl ether	73	Compound	Not	Detected.				(D)	
27 trans-1,2-Dichloroethene	96	Compound	Not	Detected.				(D)	
26 Acrylonitrile	53	Compound	Not	Detected.				(D)	
30 n-Hexane	57	Compound	Not	Detected.				(D)	
29 Diisopropyl ether	45	Compound	Not	Detected.				(D)	
32 Vinyl acetate	43	Compound	Not	Detected.				(D)	
31 1,1-Dichloroethane	63	Compound	Not	Detected.				(D)	
33 Chloroprene	53	Compound	Not	Detected.				(D)	
34 Ethyl-tert-butyl ether	59	Compound	Not	Detected.				(D)	
36 2,2-Dichloropropane	77	Compound	Not	Detected.				(D)	
35 cis-1,2-Dichloroethene	96	Compound	Not	Detected.				(D)	
39 Ethyl acetate	61	Compound	Not	Detected.					
37 2-Butanone (MEK)	43	Compound	Not	Detected.				(D)	
41 Bromochloromethane	128	Compound	Not	Detected.				(D)	
42 Tetrahydrofuran	42	Compound	Not	Detected.				(D)	
43 Chloroform	83	Compound	Not	Detected.				(D)	
38 Propionitrile	54	Compound	Not	Detected.				(D)	
46 Cyclohexane	56	Compound	Not	Detected.				(D)	
45 1,1,1-Trichloroethane	97	Compound	Not	Detected.				(D)	
* 44 Pentafluorobenzene (IS)	168	3.446	3.452	(1.000)	324189	50.0000	(Q)		
48 Carbon tetrachloride	117	Compound	Not	Detected.				(D)	
47 1,1-Dichloropropene	75	Compound	Not	Detected.				(D)	
55 2,2,4-Trimethylpentane	57	Compound	Not	Detected.				(D)	
51 Benzene	78	3.647	3.647	(0.939)	4856	0.40000	0.429		
40 Methacrylonitrile	67	Compound	Not	Detected.				(D)	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	217207	50.0000	50.8		
56 tert-Amylmethyl ether	73	Compound	Not	Detected.				(D)	
52 1,2-Dichloroethane	62	3.702	3.702	(1.074)	1888	0.40000	0.447 (Q)		
57 n-Heptane	43	Compound	Not	Detected.				(D)	
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	564880	50.0000			
59 Trichloroethene	95	Compound	Not	Detected.				(D)	
60 Methylcyclohexane	83	Compound	Not	Detected.				(D)	
49 Isobutanol	43	Compound	Not	Detected.				(D)	
53 tert-Amyl Alcohol	59	Compound	Not	Detected.				(D)	
54 tert-Amyl ethyl ether	59	Compound	Not	Detected.				(D)	
61 1,2-Dichloropropane	63	Compound	Not	Detected.					
63 Methyl methacrylate	69	Compound	Not	Detected.				(D)	
64 1,4-Dioxane (p-Dioxane)	88	Compound	Not	Detected.					
62 Dibromomethane	93	Compound	Not	Detected.				(D)	
65 Bromodichloromethane	83	Compound	Not	Detected.					
66 2-Nitropropane	43	Compound	Not	Detected.				(D)	
67 2-Chloroethylvinyl ether	63	Compound	Not	Detected.					
68 cis-1,3-Dichloropropene	75	4.659	4.653	(1.199)	2052	0.40000	0.418		
69 4-Methyl-2-pentanone (MIBK)	43	Compound	Not	Detected.				(D)	
\$ 70 Toluene-d8 (S)	98	4.799	4.799	(0.827)	697094	50.0000	50.1		
71 Toluene	91	Compound	Not	Detected.				(D)	
72 Methyl isothiocyanate	73	Compound	Not	Detected.				(D)	
74 trans-1,3-Dichloropropene	75	5.037	5.031	(1.297)	1680	0.40000	0.385		
75 Ethyl methacrylate	69	Compound	Not	Detected.				(D)	
76 1,1,2-Trichloroethane	83	Compound	Not	Detected.				(D)	
77 Tetrachloroethene	166	Compound	Not	Detected.				(D)	
78 1,3-Dichloropropane	76	Compound	Not	Detected.				(D)	

Compounds	QUANT SIG	AMOUNTS						REVIEW C
		RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
79 2-Hexanone	43	Compound Not Detected.						
73 n-Octane	43	Compound Not Detected.						(D)
81 n-Butyl acetate	43	Compound Not Detected.						
80 Dibromochloromethane	129	Compound Not Detected.						(D)
82 1,2-Dibromoethane (EDB)	107	5.518	5.507	(1.421)	935	0.40000	0.368	
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	306182	50.0000		
84 Chlorobenzene	112	Compound Not Detected.						(D)
86 Ethylbenzene	106	Compound Not Detected.						(D)
85 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.						(D)
88 n-Nonane	43	Compound Not Detected.						(D)
87 m&p-Xylene	106	5.964	5.958	(1.027)	4540	0.80000	0.794	
89 o-Xylene	106	Compound Not Detected.						(D)
90 Styrene	104	Compound Not Detected.						(D)
91 Bromoform	173	Compound Not Detected.						(D)
92 Isopropylbenzene (Cumene)	105	Compound Not Detected.						(D)
\$ 93 4-Bromofluorobenzene (S)	95	6.671	6.671	(1.149)	264913	50.0000	50.1	
94 Bromobenzene	156	Compound Not Detected.						(D)
95 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						(D)
98 n-Propylbenzene	91	Compound Not Detected.						(D)
96 1,2,3-Trichloropropane	110	6.835	6.836	(0.905)	385	0.40000	0.356 (Q)	
97 trans-1,4-Dichloro-2-butene	53	Compound Not Detected.						(D)
103 n-Decane	43	Compound Not Detected.						(D)
99 2-Chlorotoluene	91	Compound Not Detected.						(D)
100 4-Ethyltoluene	105	Compound Not Detected.						(D)
101 1,3,5-Trimethylbenzene	105	Compound Not Detected.						(D)
102 4-Chlorotoluene	91	Compound Not Detected.						(D)
104 tert-Butylbenzene	119	Compound Not Detected.						(D)
105 Pentachloroethane	167	Compound Not Detected.						(D)
106 1,2,4-Trimethylbenzene	105	Compound Not Detected.						(D)
107 sec-Butylbenzene	105	Compound Not Detected.						(D)
109 d-Limonene	136	Compound Not Detected.						(D)
110 p-Isopropyltoluene	119	Compound Not Detected.						(D)
108 1,3-Dichlorobenzene	146	Compound Not Detected.						(D)
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.549	7.549	(1.000)	254891	50.0000		
112 1,4-Dichlorobenzene	146	Compound Not Detected.						(D)
113 1,2,3-Trimethylbenzene	105	Compound Not Detected.						(D)
114 Benzyl chloride	91	Compound Not Detected.						(D)
115 trans-Decalin	138	Compound Not Detected.						(D)
116 1,4-Diethylbenzene	119	Compound Not Detected.						(D)
117 n-Butylbenzene	91	Compound Not Detected.						(D)
119 n-Undecane	43	Compound Not Detected.						(D)
118 1,2-Dichlorobenzene	146	Compound Not Detected.						(D)
120 cis-Decalin	138	Compound Not Detected.						(D)
121 1,2,4,5-tetramethylbenzene	119	Compound Not Detected.						(D)
122 1,2-Dibromo-3-chloropropane	75	Compound Not Detected.						(D)
123 n-Dodecane	43	Compound Not Detected.						(D)
124 1,2,4-Trichlorobenzene	180	Compound Not Detected.						(D)
125 Hexachloro-1,3-butadiene	225	Compound Not Detected.						
126 Naphthalene	128	Compound Not Detected.						(D)
127 1,2,3-Trichlorobenzene	180	Compound Not Detected.						(D)

Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63312.D
Report Date: 09-Dec-2020 18:21

QC Flag Legend

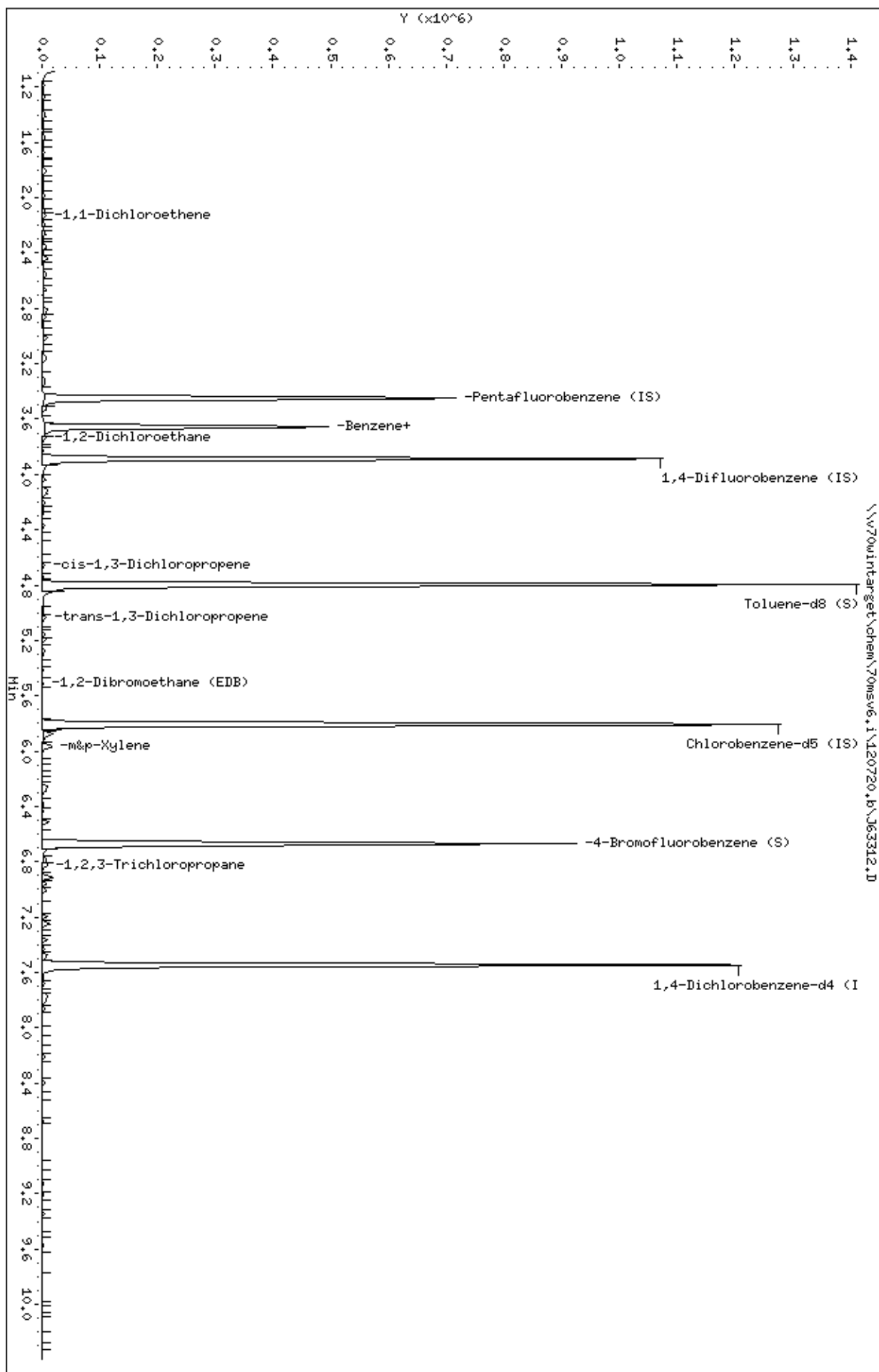
Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

:

Data File: \\w70wintarget\chem\70msv6.i\120720.b\J63312.D
Date : 07-DEC-2020 14:58
Client ID: CAL1
Sample Info: CAL1, 103029:1
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv6.i\120720.b/J63312.D
Injection Date: 07-DEC-2020 14:58
Instrument: 70msv6.i
Lab Sample ID: CAL1
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\120720.b\J63313.D
Lab Smp Id: CAL2 Client Smp ID: CAL2
Inj Date : 07-DEC-2020 15:18 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : cal2, 103030:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\120720.b\120720_8260W.m
Meth Date : 09-Dec-2020 18:19 blagula Quant Type: ISTD
Cal Date : 07-DEC-2020 15:18 Cal File: J63313.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG						AMOUNTS		REVIEW C
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51	1.208	1.209	(0.351)	4504	1.00000	1.16		
2 Dichlorotetrafluoroethane	135	1.269	1.270	(0.368)	1782	1.00000	1.06		
3 Dichlorodifluoromethane	85	1.190	1.190	(0.345)	3807	1.00000	1.06 (Q)		
4 Chloromethane	50	1.324	1.325	(0.384)	3927	1.00000	1.11		
5 Vinyl chloride	62	1.385	1.386	(0.402)	4002	1.00000	1.05 (Q)		
6 1,3-Butadiene	54	1.409	1.410	(0.409)	2882	1.00000	1.06		
7 Acetaldehyde	44	1.470	1.471	(0.427)	1007	1.00000	1.50 (Q)		
8 Bromomethane	94	1.604	1.605	(0.466)	970	1.00000	0.961 (QM)		LT
9 Chloroethane	64	1.672	1.672	(0.485)	2772	1.00000	1.19		
10 Dichlorofluoromethane	67	1.800	1.800	(0.522)	5266	1.00000	1.11		
11 Trichlorofluoromethane	101	1.806	1.806	(0.524)	4322	1.00000	1.07		
12 Ethanol	45	1.952	1.952	(0.567)	446	1.00000	30.0 (Q)		
13 Diethyl ether (Ethyl ether)	59	1.982	1.983	(0.575)	2825	1.00000	1.10		
16 1,1,2-Trichlorotrifluoroethane	101	2.098	2.099	(0.609)	3033	1.00000	1.15		
14 Acrolein	56	2.104	2.099	(0.611)	886	1.00000	1.48		
15 1,1-Dichloroethene	96	2.129	2.129	(0.618)	2586	1.00000	1.08		
17 Acetone	43	Compound Not Detected.							(D)
18 Iodomethane	142	2.239	2.233	(0.650)	615	1.00000	0.400 (QM)		LT
19 2-Propanol	45	2.257	2.251	(0.655)	3695	25.0000	37.5 (QM)		LT
20 Carbon disulfide	76	2.263	2.263	(0.657)	8362	1.00000	1.14 (Q)		
21 Allyl chloride	76	2.354	2.349	(0.683)	1930	1.00000	1.14		
22 Acetonitrile	41	2.391	2.385	(0.694)	1912	5.00000	5.72		
23 Methyl acetate	43	2.360	2.355	(0.685)	4342	1.00000	1.10		

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
24 Methylene Chloride	84	2.434	2.434	(0.706)	4178	1.00000	1.37	
25 tert-Butyl Alcohol	59	2.482	2.483	(0.720)	1086	5.00000	5.14 (Q)	
28 Methyl-tert-butyl ether	73	2.549	2.544	(0.740)	9492	1.00000	1.06	
27 trans-1,2-Dichloroethene	96	2.568	2.568	(0.745)	2967	1.00000	1.11	
26 Acrylonitrile	53	2.616	2.611	(0.759)	1090	1.00000	1.11	
30 n-Hexane	57	2.671	2.672	(0.775)	4990	1.00000	1.13	
29 Diisopropyl ether	45	2.805	2.806	(0.814)	10385	1.00000	1.06	
32 Vinyl acetate	43	2.836	2.830	(0.823)	6439	1.00000	1.09 (QH)	
31 1,1-Dichloroethane	63	2.830	2.830	(0.821)	5624	1.00000	1.06	
33 Chloroprene	53	2.860	2.861	(0.830)	4235	1.00000	1.01	
34 Ethyl-tert-butyl ether	59	3.013	3.007	(0.874)	10112	1.00000	1.03	
36 2,2-Dichloropropane	77	3.147	3.147	(0.913)	5371	1.00000	1.15	
35 cis-1,2-Dichloroethene	96	3.165	3.166	(0.919)	3505	1.00000	1.08	
39 Ethyl acetate	61	3.165	3.166	(0.919)	5620	1.00000	1.11 (M)	NI
37 2-Butanone (MEK)	43	3.177	3.172	(0.922)	3054	1.00000	1.21	
41 Bromochloromethane	128	3.311	3.312	(0.961)	1494	1.00000	1.11	
42 Tetrahydrofuran	42	3.324	3.312	(0.965)	1104	1.00000	1.16 (Q)	
43 Chloroform	83	3.336	3.336	(0.968)	5493	1.00000	1.07	
38 Propionitrile	54	3.251	3.251	(0.943)	444	1.00000	1.17 (TQM)	
46 Cyclohexane	56	3.427	3.428	(0.995)	5939	1.00000	0.942 (QM)	GT
45 1,1,1-Trichloroethane	97	3.433	3.434	(0.884)	4833	1.00000	1.07 (Q)	
* 44 Pentafluorobenzene (IS)	168	3.446	3.452	(1.000)	321466	50.0000	(Q)	
48 Carbon tetrachloride	117	3.513	3.507	(0.904)	3916	1.00000	1.10	
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	4718	1.00000	1.13	
55 2,2,4-Trimethylpentane	57	3.622	3.623	(1.051)	9301	1.00000	1.09	
51 Benzene	78	3.647	3.647	(0.939)	12356	1.00000	1.09	
40 Methacrylonitrile	67	3.324	3.318	(0.965)	1258	1.00000	1.05	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	213698	50.0000	50.2	
56 tert-Amylmethyl ether	73	3.683	3.678	(1.069)	9660	1.00000	1.07	
52 1,2-Dichloroethane	62	3.702	3.702	(1.074)	4621	1.00000	1.10	
57 n-Heptane	43	3.732	3.733	(1.083)	5000	1.00000	1.09	
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	562964	50.0000		
59 Trichloroethene	95	4.037	4.037	(1.039)	3357	1.00000	1.12	
60 Methylcyclohexane	83	4.110	4.111	(1.058)	5925	1.00000	1.04 (Q)	
49 Isobutanol	43	3.598	3.592	(1.044)	500	5.00000	5.69 (Q)	
53 tert-Amyl Alcohol	59	4.141	4.135	(1.202)	8540	1.00000	(Q)	
54 tert-Amyl ethyl ether	59	4.141	4.135	(1.202)	8540	1.00000	1.10	
61 1,2-Dichloropropane	63	4.208	4.202	(1.083)	3201	1.00000	1.08 (Q)	
63 Methyl methacrylate	69	4.244	4.232	(1.093)	2018	1.00000	0.989	
64 1,4-Dioxane (p-Dioxane)	88	4.281	4.269	(1.102)	351	25.0000	23.5 (Q)	
62 Dibromomethane	93	4.287	4.280	(1.104)	1714	1.00000	1.04	
65 Bromodichloromethane	83	4.366	4.367	(1.124)	4274	1.00000	1.08	
66 2-Nitropropane	43	4.549	4.550	(1.171)	1299	1.00000	0.795 (QH)	
67 2-Chloroethylvinyl ether	63	4.555	4.550	(1.173)	749	1.00000	0.796 (Q)	
68 cis-1,3-Dichloropropene	75	4.653	4.653	(1.198)	4925	1.00000	1.01	
69 4-Methyl-2-pentanone (MIBK)	43	4.738	4.732	(1.220)	2854	1.00000	1.00	
\$ 70 Toluene-d8 (S)	98	4.799	4.799	(0.827)	691620	50.0000	49.6	
71 Toluene	91	4.842	4.842	(1.246)	13640	1.00000	1.08	
72 Methyl isothiocyanate	73	4.976	4.964	(1.281)	4060	2.50000	2.08 (QM)	GT
74 trans-1,3-Dichloropropene	75	5.037	5.031	(1.297)	4160	1.00000	0.957	
75 Ethyl methacrylate	69	5.037	5.031	(1.297)	3538	1.00000	0.942 (QM)	
76 1,1,2-Trichloroethane	83	5.159	5.153	(1.328)	2235	1.00000	1.05	
77 Tetrachloroethene	166	5.195	5.196	(0.895)	3472	1.00000	1.09	
78 1,3-Dichloropropane	76	5.281	5.275	(0.910)	5046	1.00000	1.06	

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
79 2-Hexanone	43	5.311	5.293	(0.915)	1962	1.00000	0.948 (Q)		
73 n-Octane	43	4.848	4.842	(1.248)	4761	1.00000	1.08 (Q)		
81 n-Butyl acetate	43	5.366	5.348	(1.381)	1564	1.00000	1.02 (Q)		
80 Dibromochloromethane	129	5.415	5.415	(0.933)	2214	1.00000	0.888		
82 1,2-Dibromoethane (EDB)	107	5.512	5.507	(1.419)	2385	1.00000	0.943		
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	307215	50.0000			
84 Chlorobenzene	112	5.829	5.830	(1.004)	8257	1.00000	1.03		
86 Ethylbenzene	106	5.878	5.872	(1.013)	4921	1.00000	1.04		
85 1,1,1,2-Tetrachloroethane	131	5.884	5.885	(1.014)	2699	1.00000	1.03 (Q)		
88 n-Nonane	43	5.909	5.909	(1.018)	3185	1.00000	1.02 (Q)		
87 m&p-Xylene	106	5.963	5.958	(1.027)	11868	2.00000	2.07		
89 o-Xylene	106	6.256	6.257	(1.078)	5758	1.00000	1.03		
90 Styrene	104	6.280	6.275	(1.082)	9253	1.00000	1.01		
91 Bromoform	173	6.439	6.439	(1.109)	1176	1.00000	0.843		
92 Isopropylbenzene (Cumene)	105	6.512	6.513	(0.863)	15554	1.00000	1.10		
\$ 93 4-Bromofluorobenzene (S)	95	6.671	6.671	(1.149)	260552	50.0000	49.1		
94 Bromobenzene	156	6.786	6.781	(0.899)	3118	1.00000	1.03		
95 1,1,2,2-Tetrachloroethane	83	6.792	6.793	(0.900)	3571	1.00000	1.11		
98 n-Propylbenzene	91	6.823	6.817	(0.904)	17342	1.00000	1.06		
96 1,2,3-Trichloropropane	110	6.841	6.836	(0.906)	1200	1.00000	1.12		
97 trans-1,4-Dichloro-2-butene	53	6.847	6.842	(0.907)	775	1.00000	0.848 (Q)		
103 n-Decane	43	6.896	6.897	(1.188)	2306	1.00000	0.999 (Q)		
99 2-Chlorotoluene	91	6.914	6.915	(0.916)	12211	1.00000	1.09		
100 4-Ethyltoluene	105	6.908	6.909	(0.915)	14679	1.00000	1.06		
101 1,3,5-Trimethylbenzene	105	6.957	6.958	(0.922)	12077	1.00000	1.06		
102 4-Chlorotoluene	91	7.006	7.000	(0.928)	10717	1.00000	1.07		
104 tert-Butylbenzene	119	7.195	7.195	(0.953)	10245	1.00000	1.07		
105 Pentachloroethane	167	7.250	7.250	(0.960)	1487	1.00000	0.971		
106 1,2,4-Trimethylbenzene	105	7.250	7.244	(0.960)	11094	1.00000	1.02		
107 sec-Butylbenzene	105	7.366	7.366	(0.976)	14664	1.00000	1.05		
109 d-Limonene	136	7.427	7.427	(1.279)	525	1.00000	0.758 (Q)		
110 p-Isopropyltoluene	119	7.475	7.476	(0.990)	11032	1.00000	0.968		
108 1,3-Dichlorobenzene	146	7.494	7.494	(0.993)	5517	1.00000	1.00		
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.548	7.549	(1.000)	251575	50.0000			
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.002)	5922	1.00000	1.05 (Q)		
113 1,2,3-Trimethylbenzene	105	7.579	7.579	(1.004)	11306	1.00000	1.01		
114 Benzyl chloride	91	7.676	7.677	(1.017)	4697	1.00000	0.814		
115 trans-Decalin	138	7.768	7.768	(1.029)	2220	1.00000	0.984		
116 1,4-Diethylbenzene	119	7.774	7.774	(1.030)	5806	1.00000	0.936		
117 n-Butylbenzene	91	7.798	7.793	(1.033)	11409	1.00000	0.942		
119 n-Undecane	43	7.817	7.817	(1.036)	1730	1.00000	1.23 (T)		
118 1,2-Dichlorobenzene	146	7.859	7.860	(1.041)	5138	1.00000	0.982		
120 cis-Decalin	138	8.207	8.212	(1.087)	1664	1.00000	0.909		
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.112)	6760	1.00000	0.900		
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	534	1.00000	0.936		
123 n-Dodecane	43	8.676	8.670	(1.149)	1333	1.00000	1.83 (T)		
124 1,2,4-Trichlorobenzene	180	9.121	9.116	(1.208)	2150	1.00000	0.864		
125 Hexachloro-1,3-butadiene	225	9.213	9.213	(1.220)	1121	1.00000	1.01		
126 Naphthalene	128	9.341	9.335	(1.237)	6089	1.00000	0.974		
127 1,2,3-Trichlorobenzene	180	9.566	9.561	(1.267)	2012	1.00000	0.938		

Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63313.D
Report Date: 09-Dec-2020 18:21

QC Flag Legend

T - Target compound detected outside RT window.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

Review Codes Legend

:

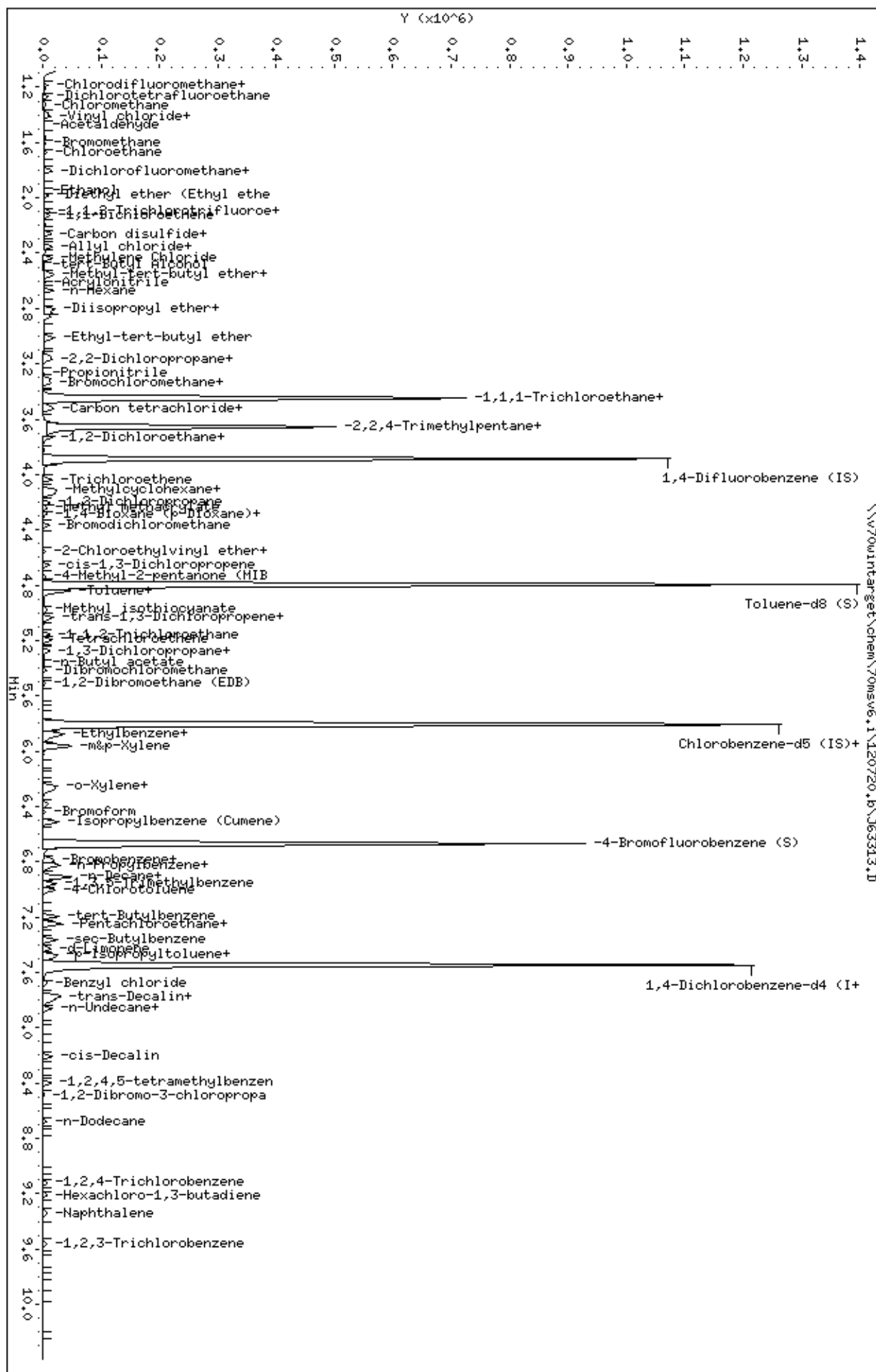
LT: Indicates that the peak in question was inappropriately integrated to an area less than what it should be (e.g., Peak area was cut).

NI: Indicates that the peak was not integrated at all by the computer software.

GT: Indicates that the peak in question was inappropriately integrated to an area greater than it should be (e.g., Peak tailing).

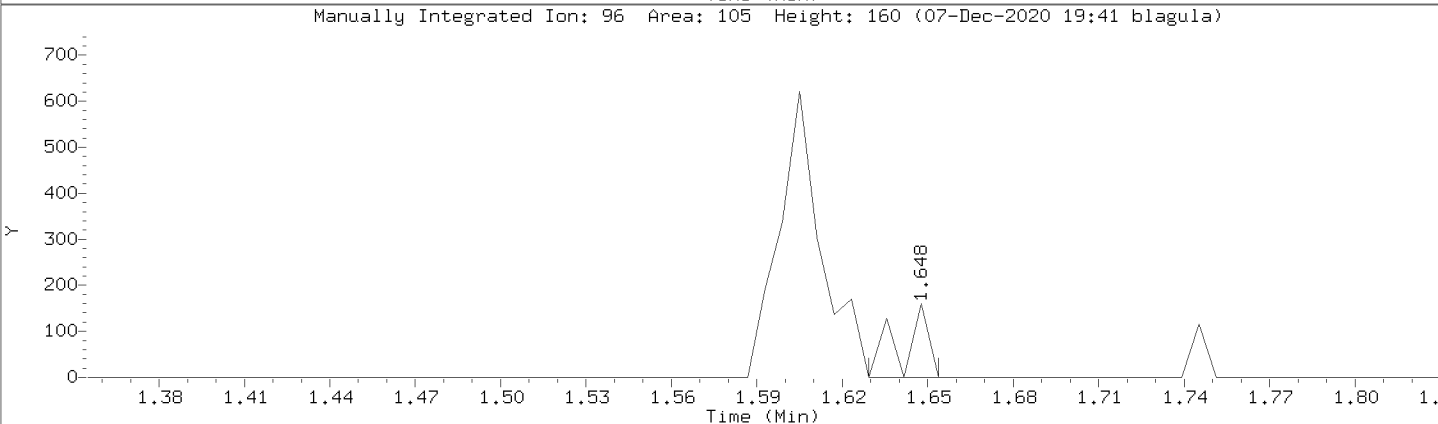
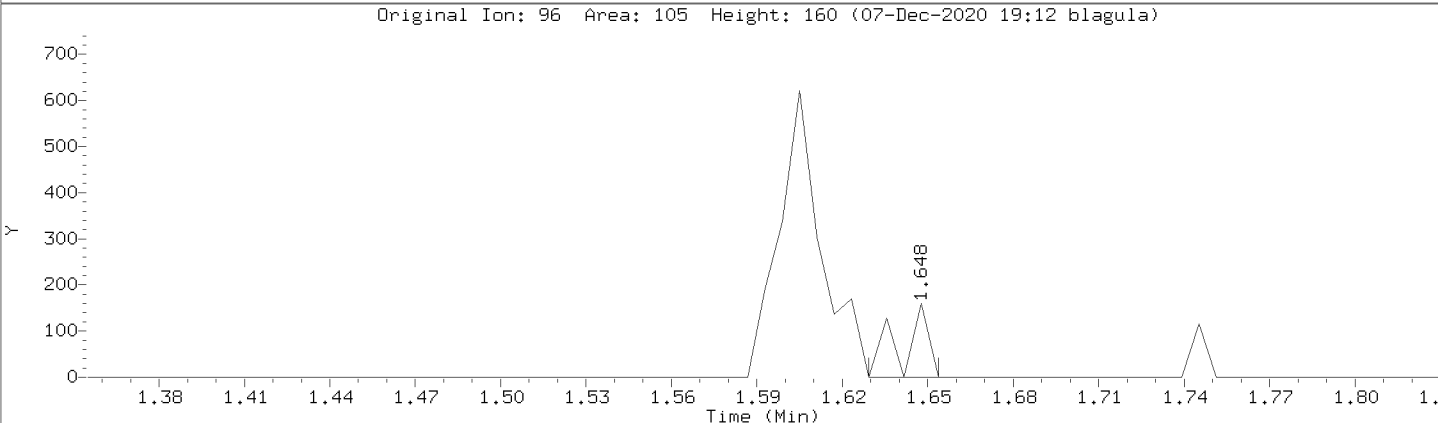
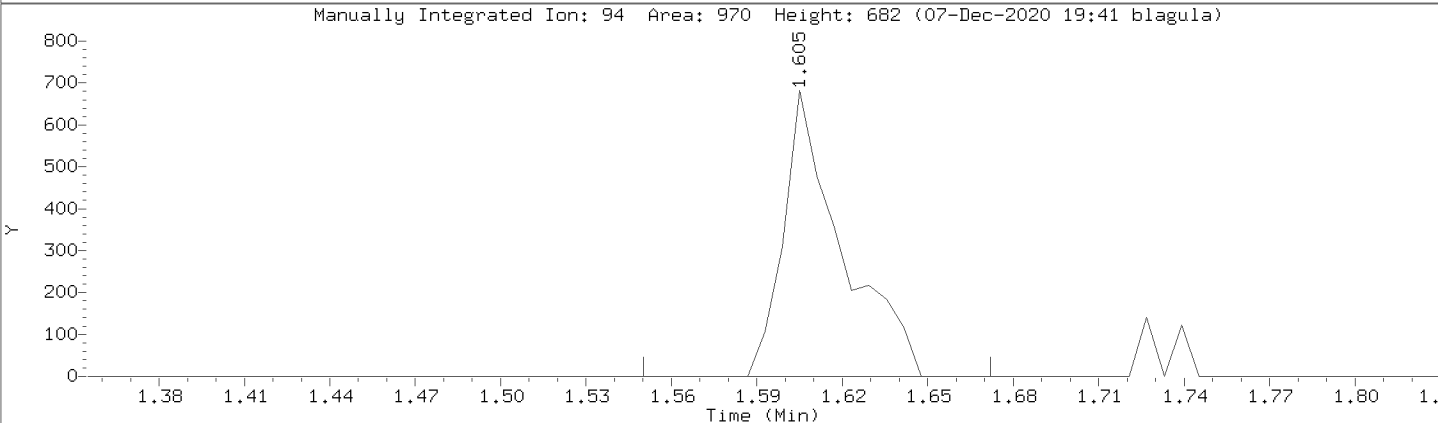
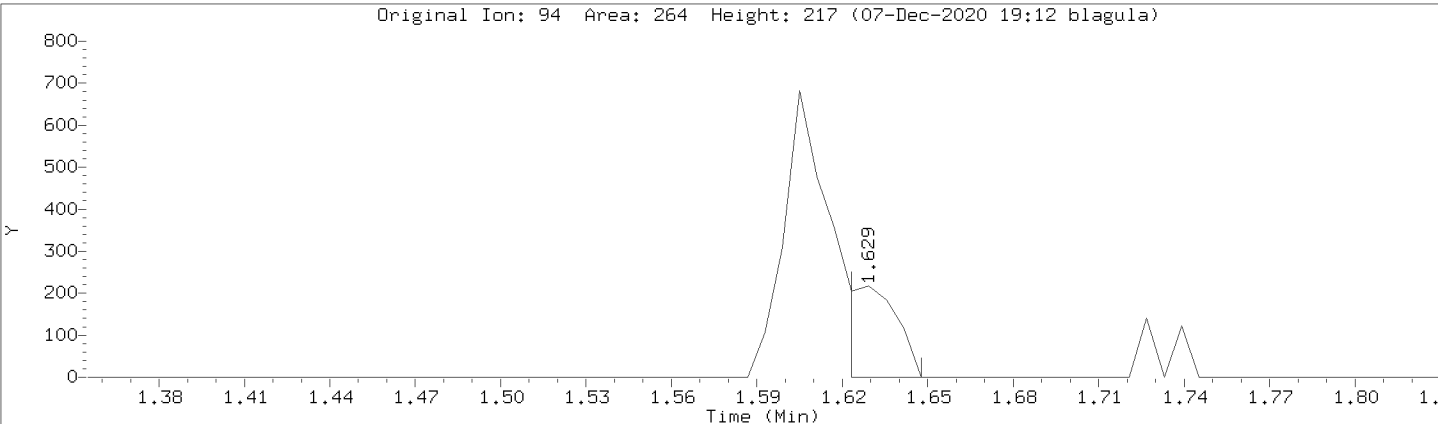
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 Date : 07-DEC-2020 15:18
 Client ID: CAL2
 Sample Info: CAL2, 103030:1
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv6.i
 Operator: BBL
 Column diameter: 0.18



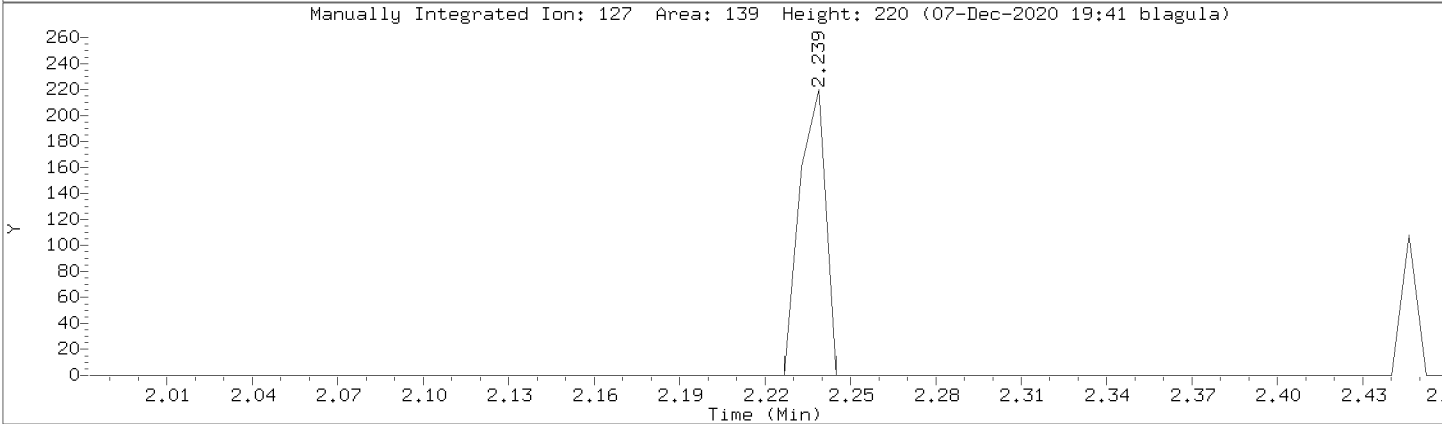
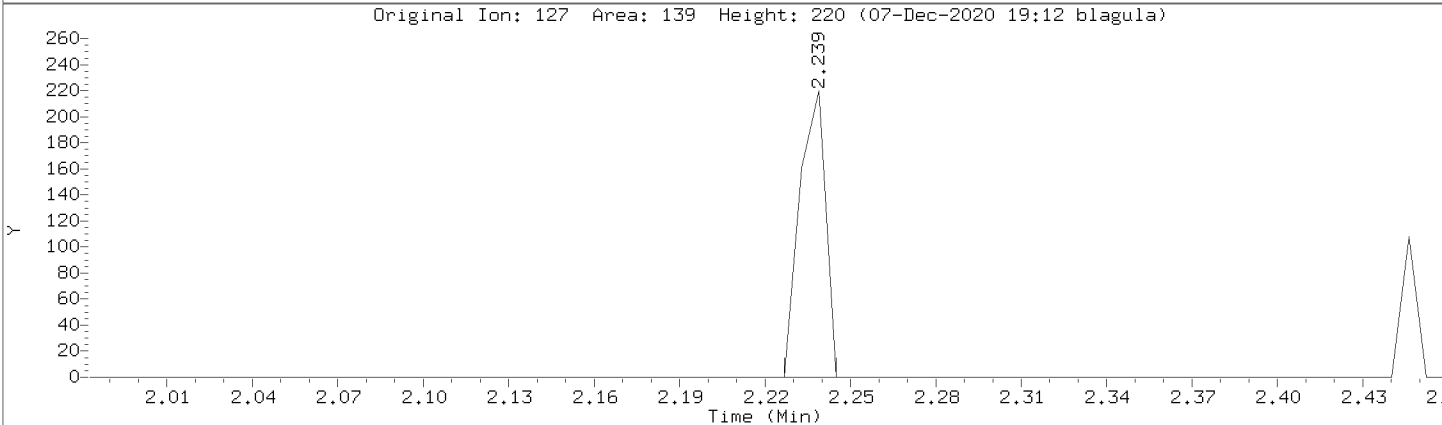
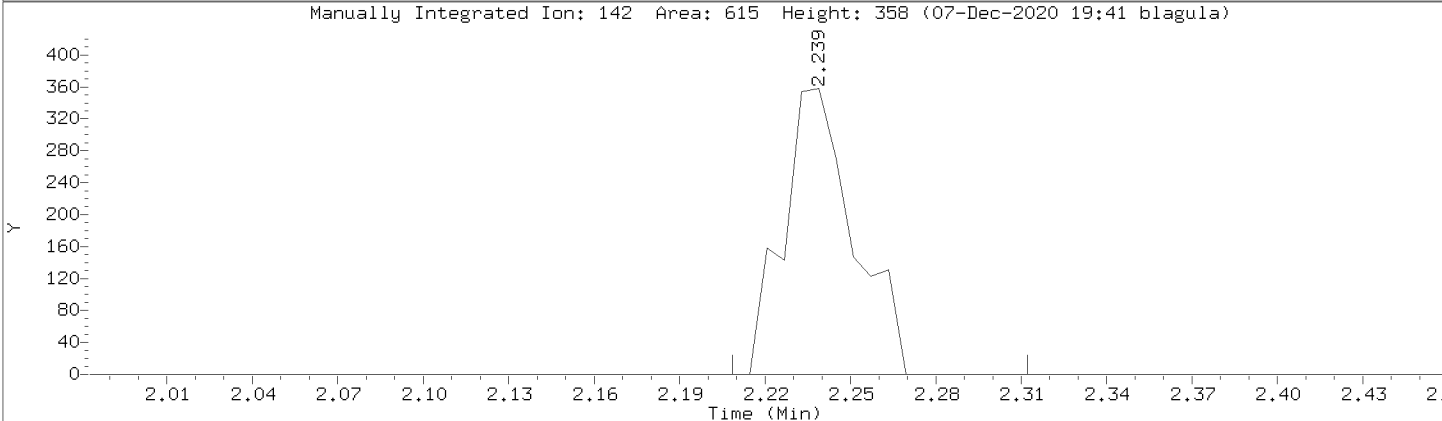
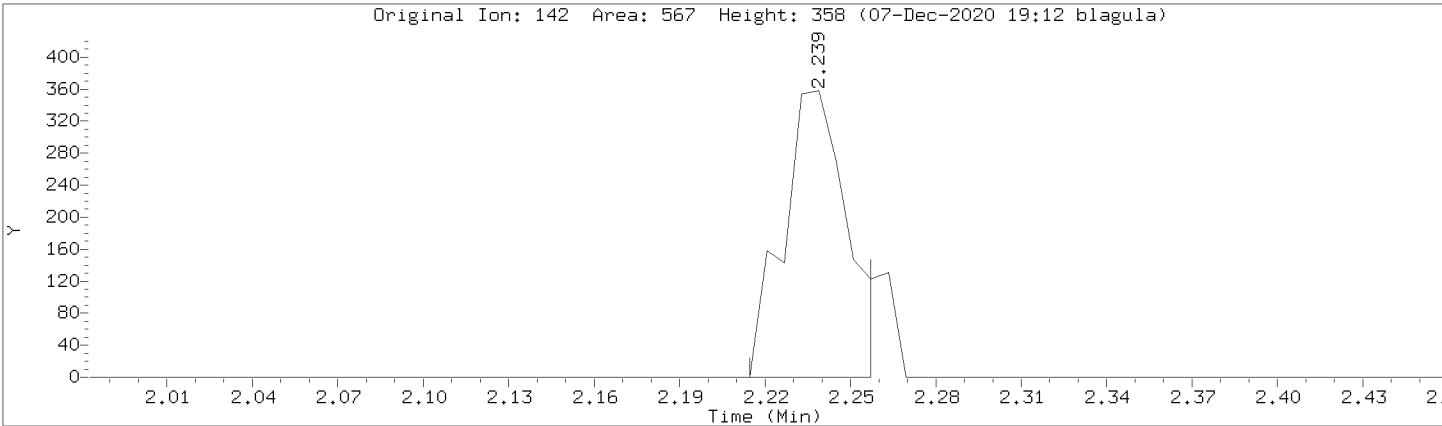
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Instrument: 70msv6.i
Lab Sample ID: CAL2

Compound: Bromomethane Review Code: LT
CAS Number: 74-83-9



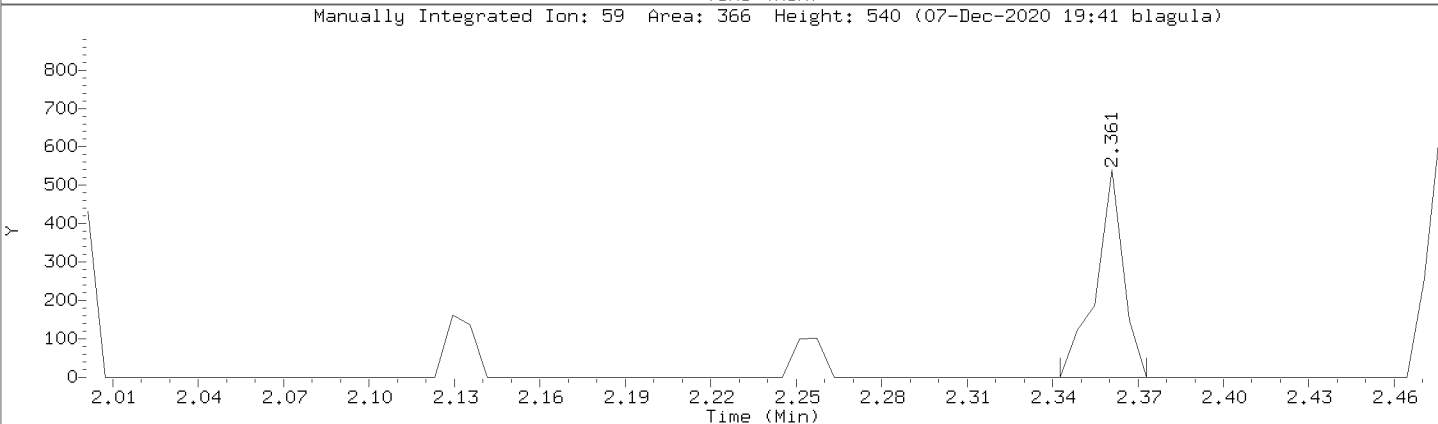
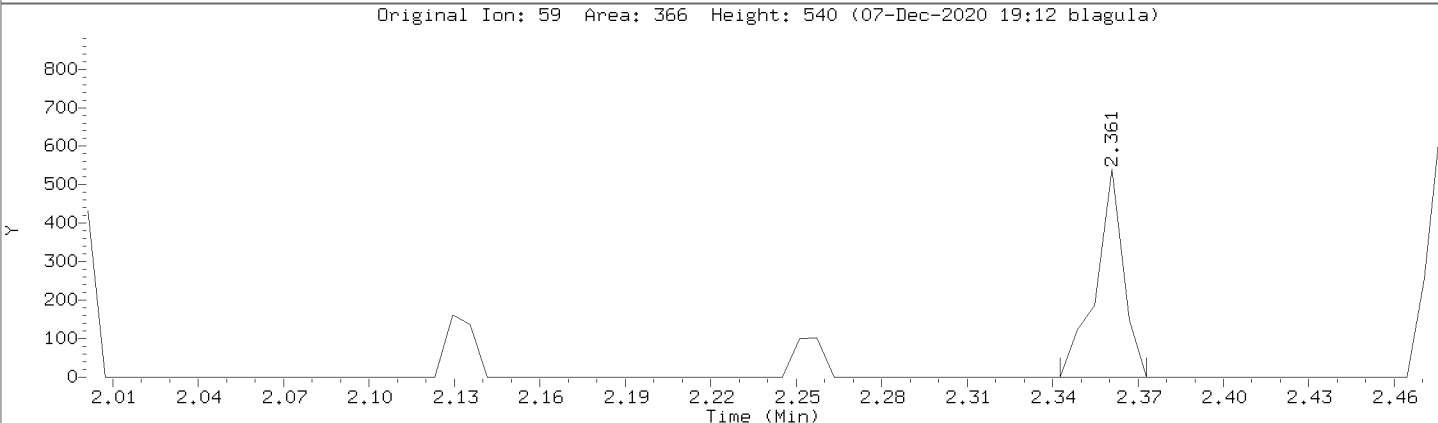
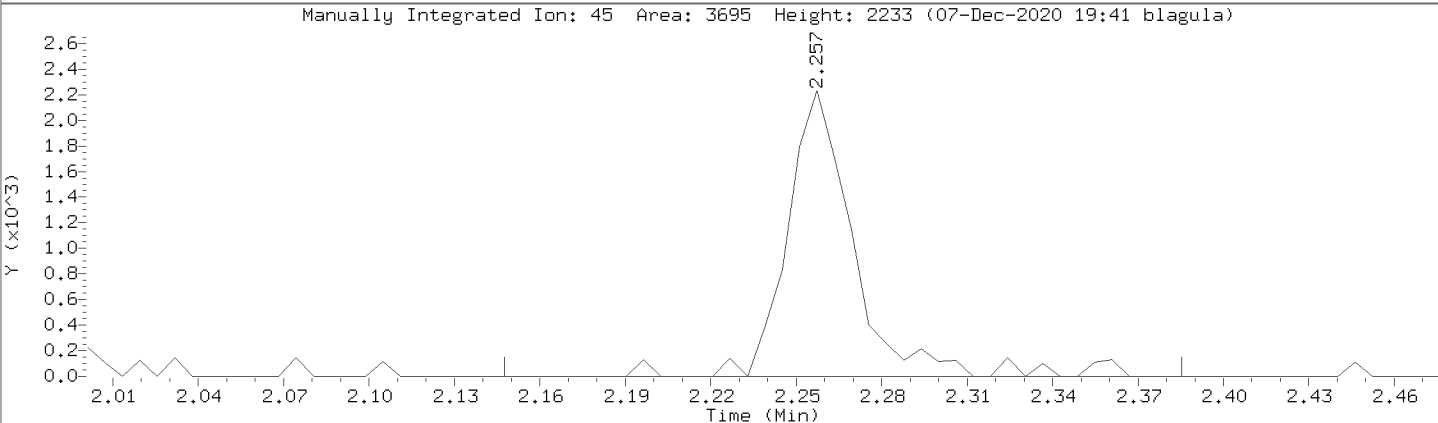
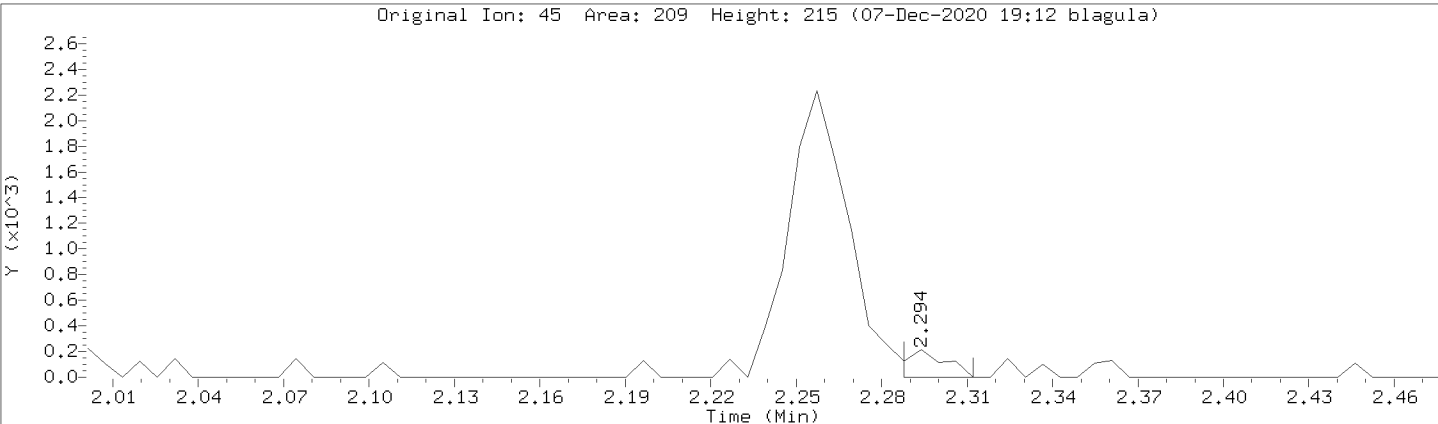
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Instrument: 70msv6.i
Lab Sample ID: CAL2

Compound: Iodomethane Review Code: LT
CAS Number: 74-88-4



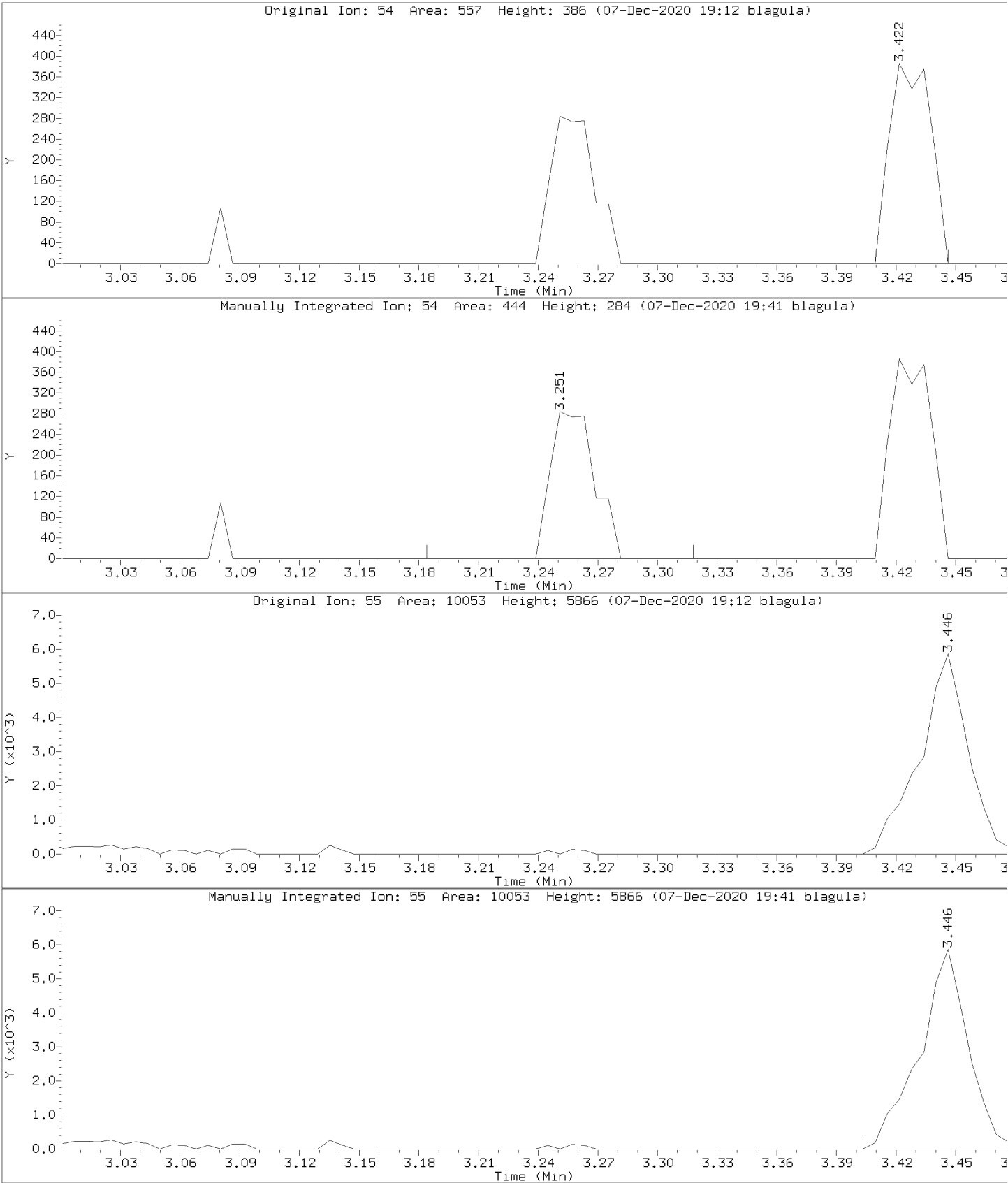
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Instrument: 70msv6.i
Lab Sample ID: CAL2

Compound: 2-Propanol Review Code: LT
CAS Number:



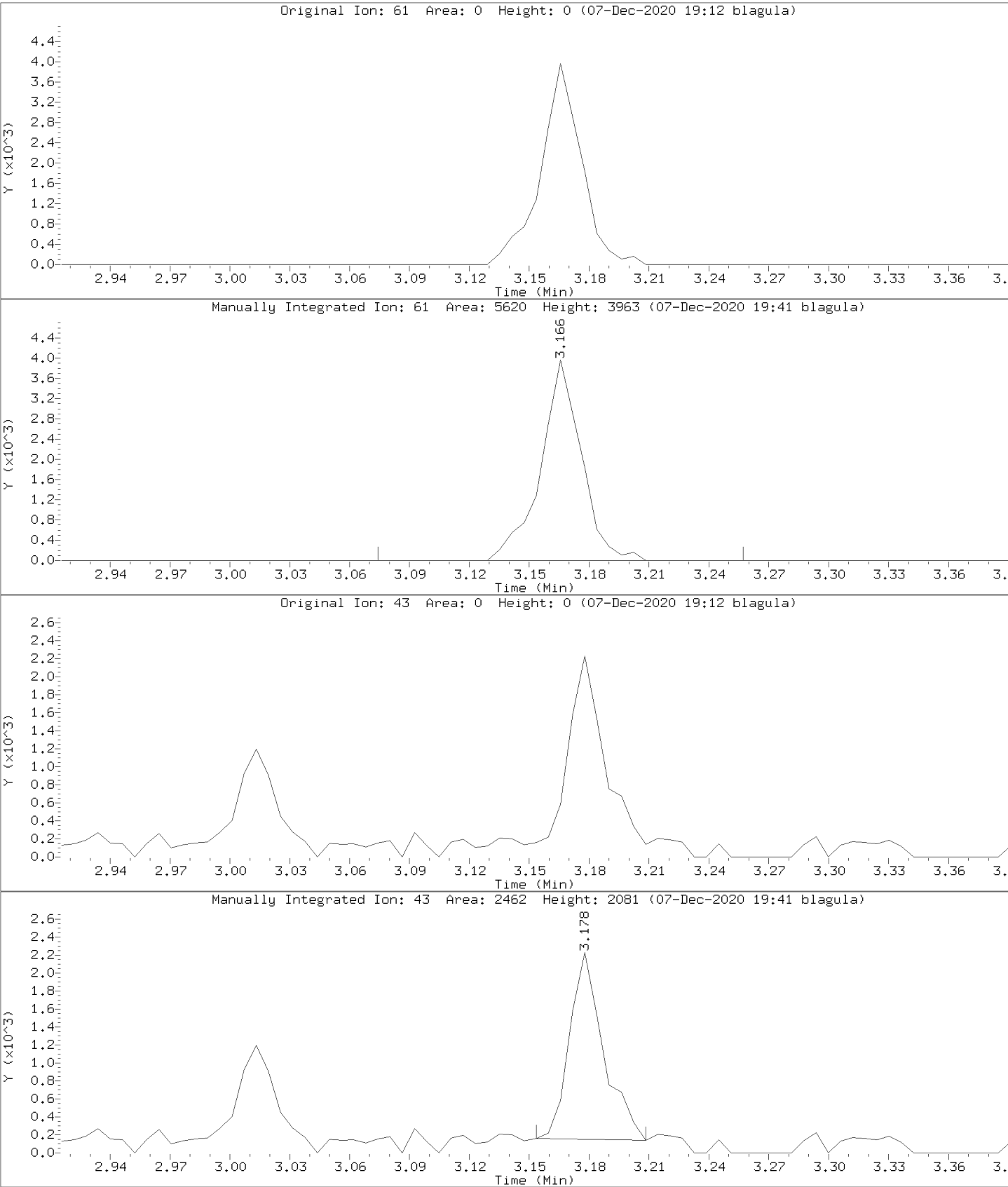
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Lab Sample ID: CAL2

Compound: Propionitrile Review Code:
CAS Number: 107-12-0

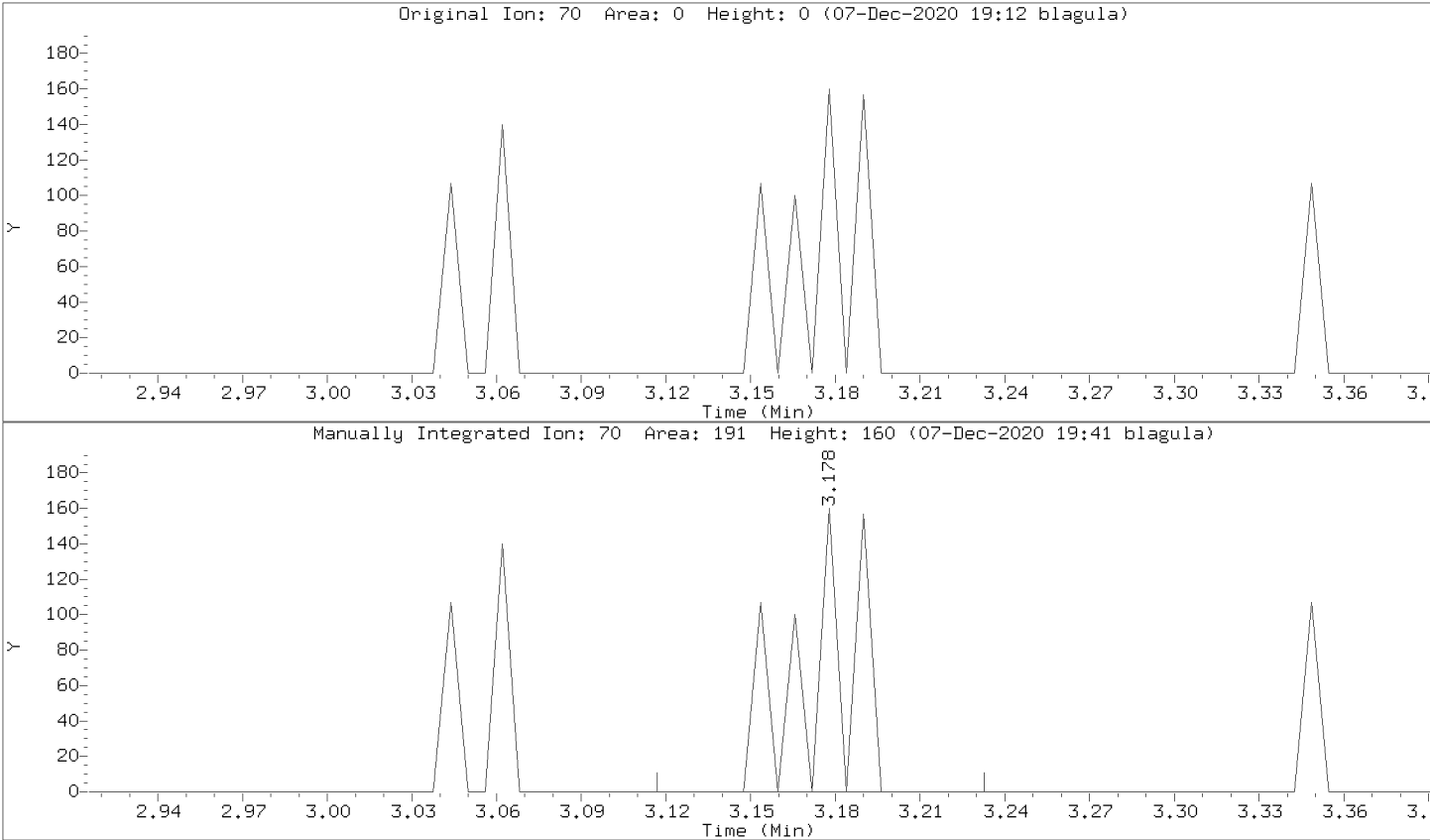


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Injection Date: 07-DEC-2020 15:18
Instrument: 70msv6.i
Lab Sample ID: CAL2

Compound: Ethyl acetate Review Code: NI
CAS Number: 141-78-6

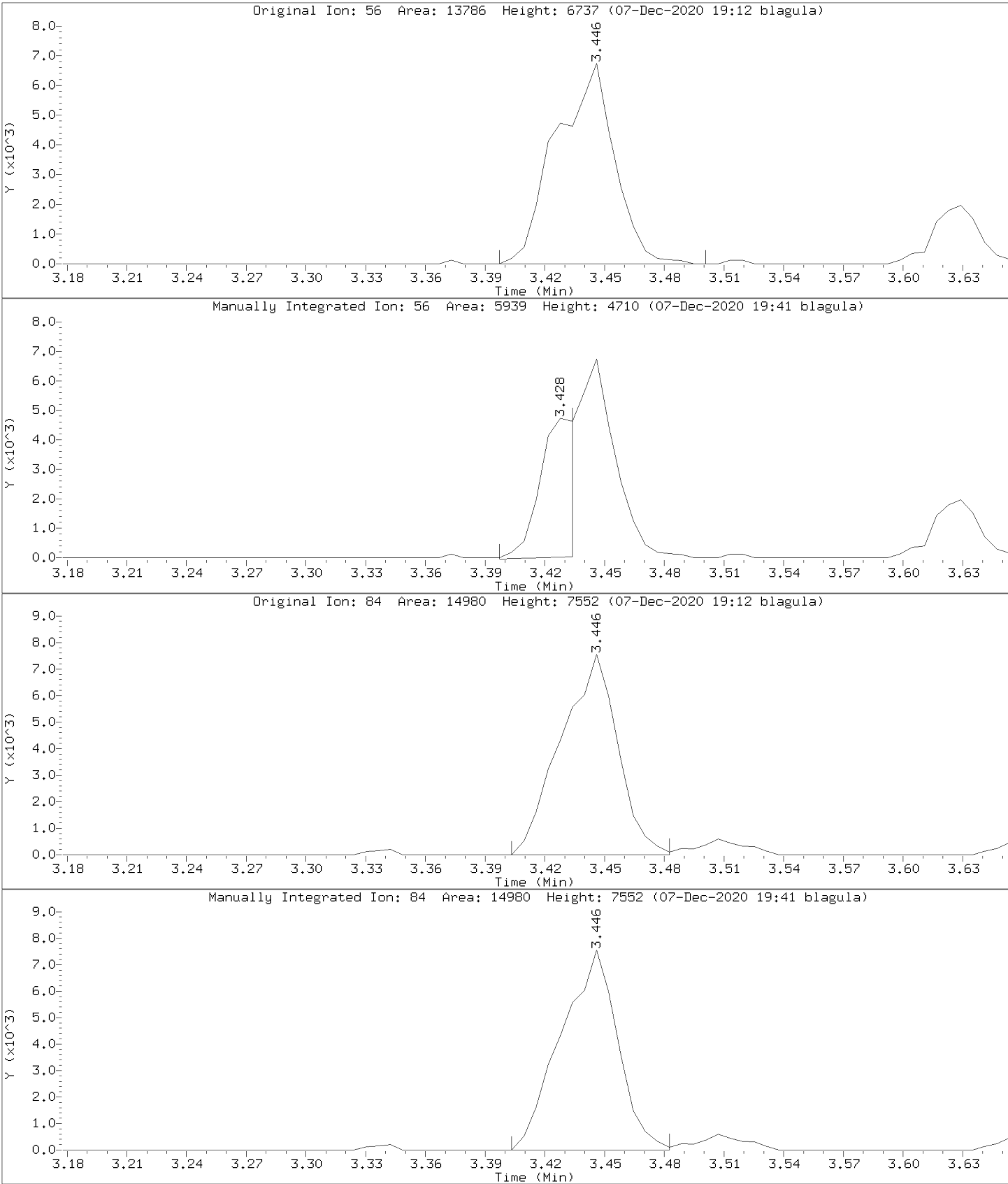


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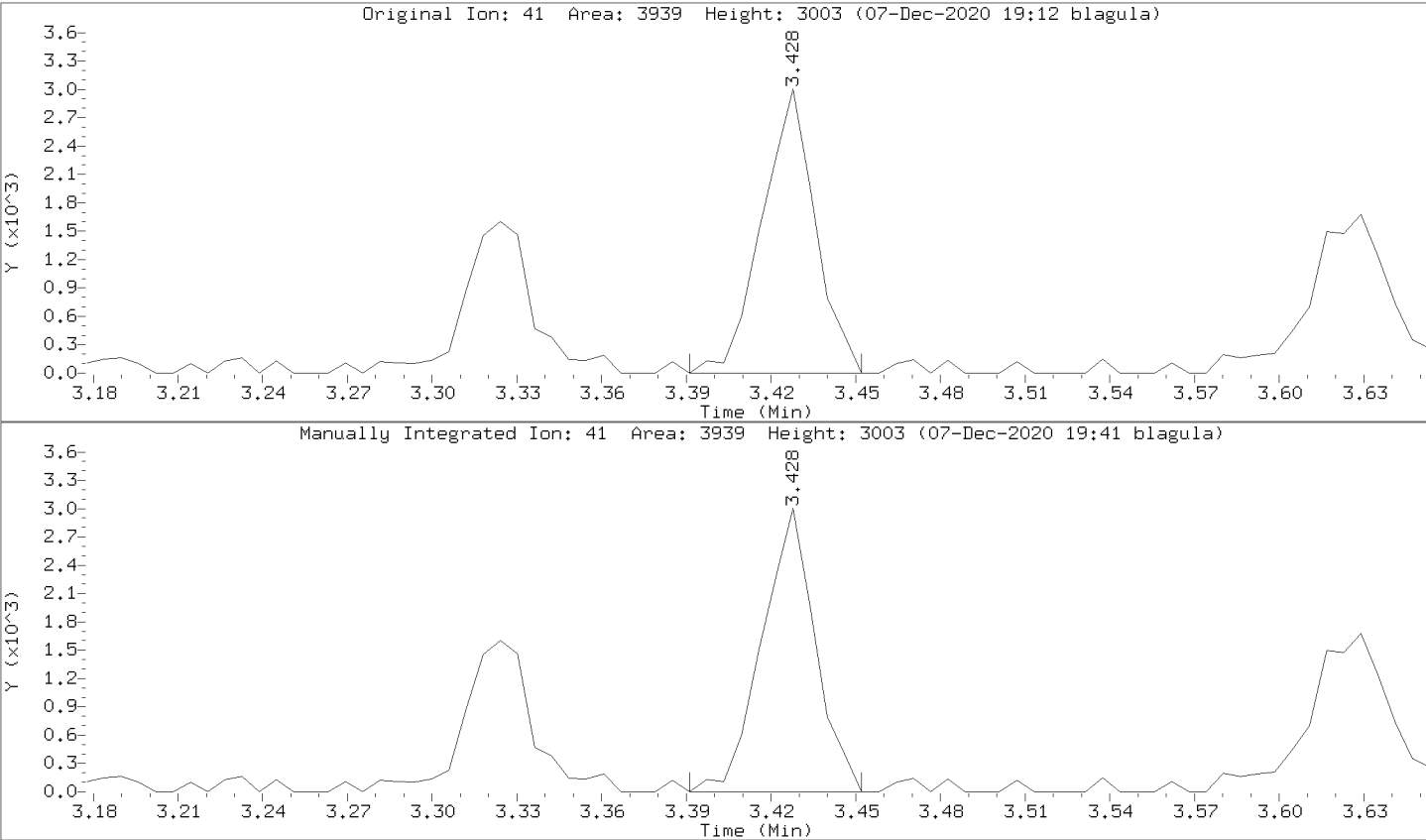


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Injection Date: 07-DEC-2020 15:18
Instrument: 70msv6.i
Lab Sample ID: CAL2

Compound: Cyclohexane Review Code: GT
CAS Number: 110-82-7

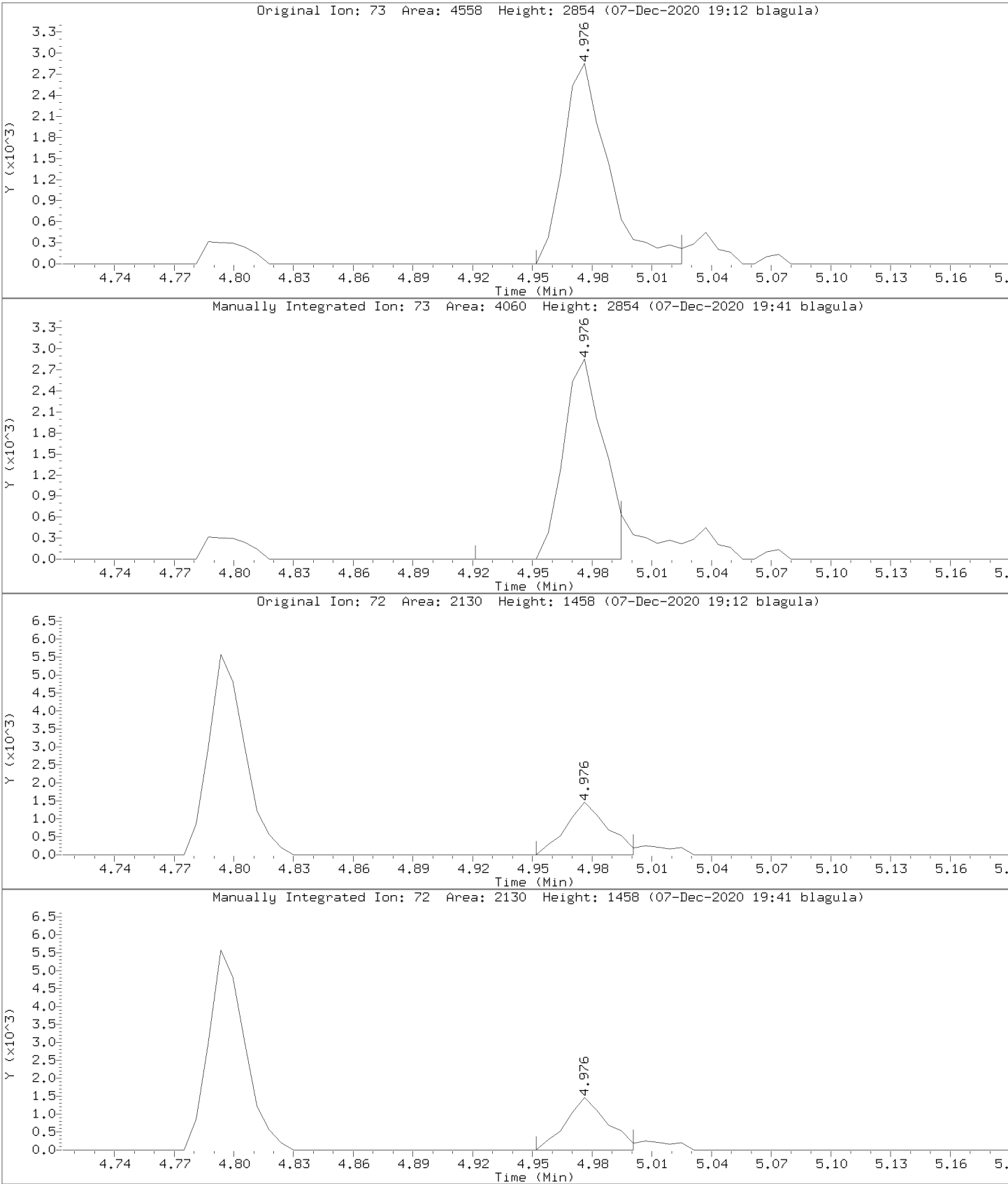


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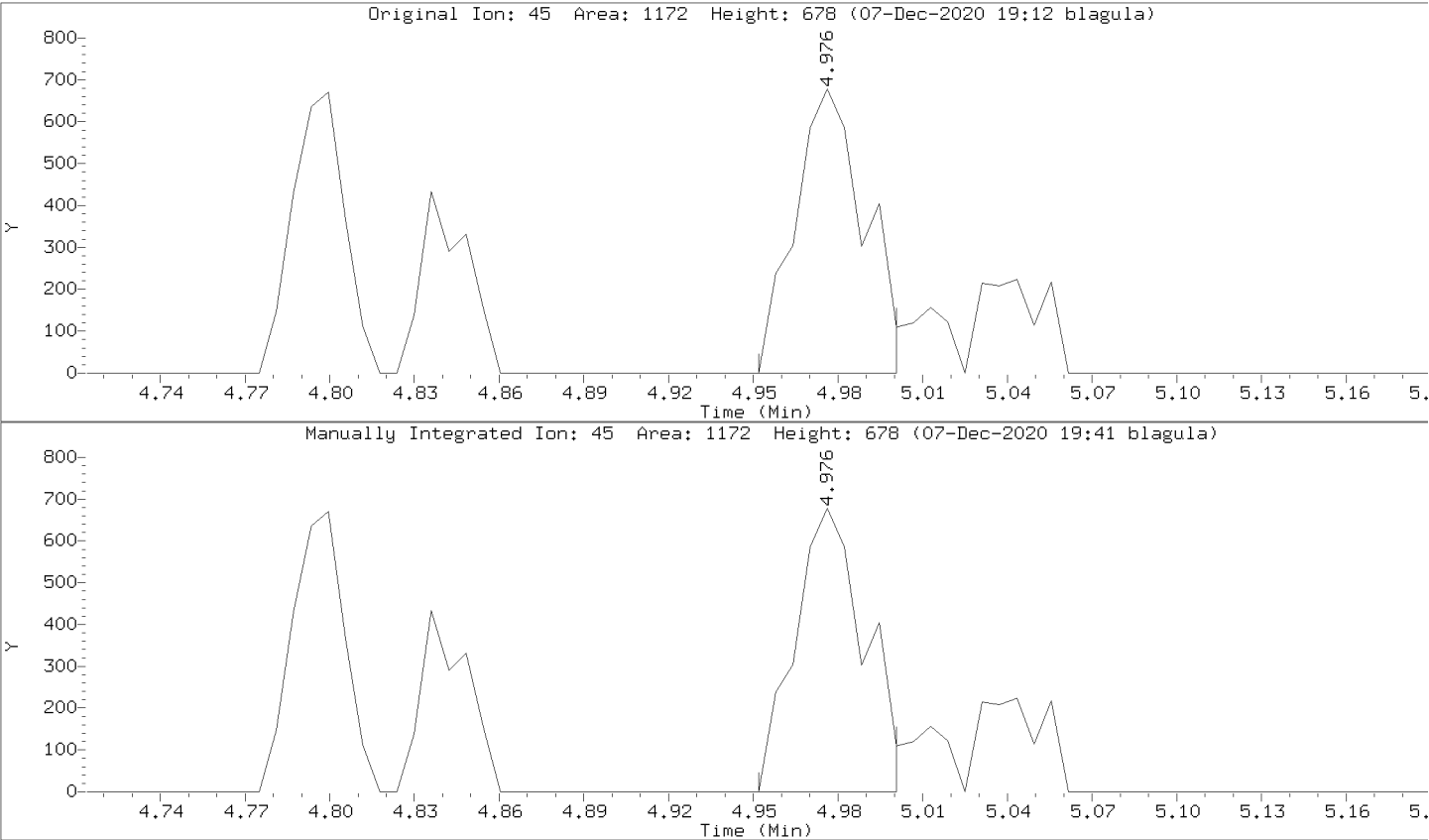


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Instrument: 70msv6.i
Lab Sample ID: CAL2

Compound: Methyl isothiocyanate Review Code: GT
CAS Number:

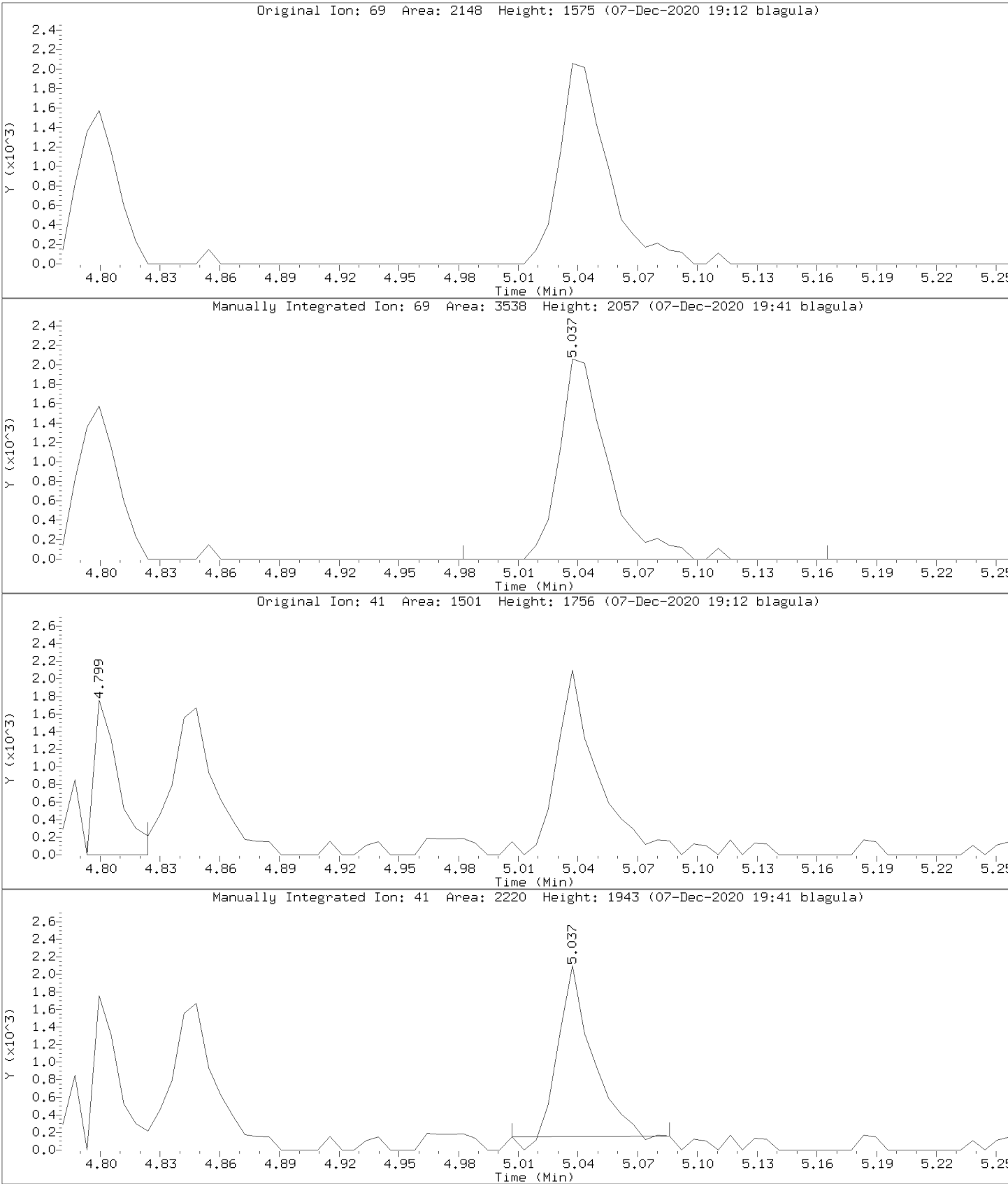


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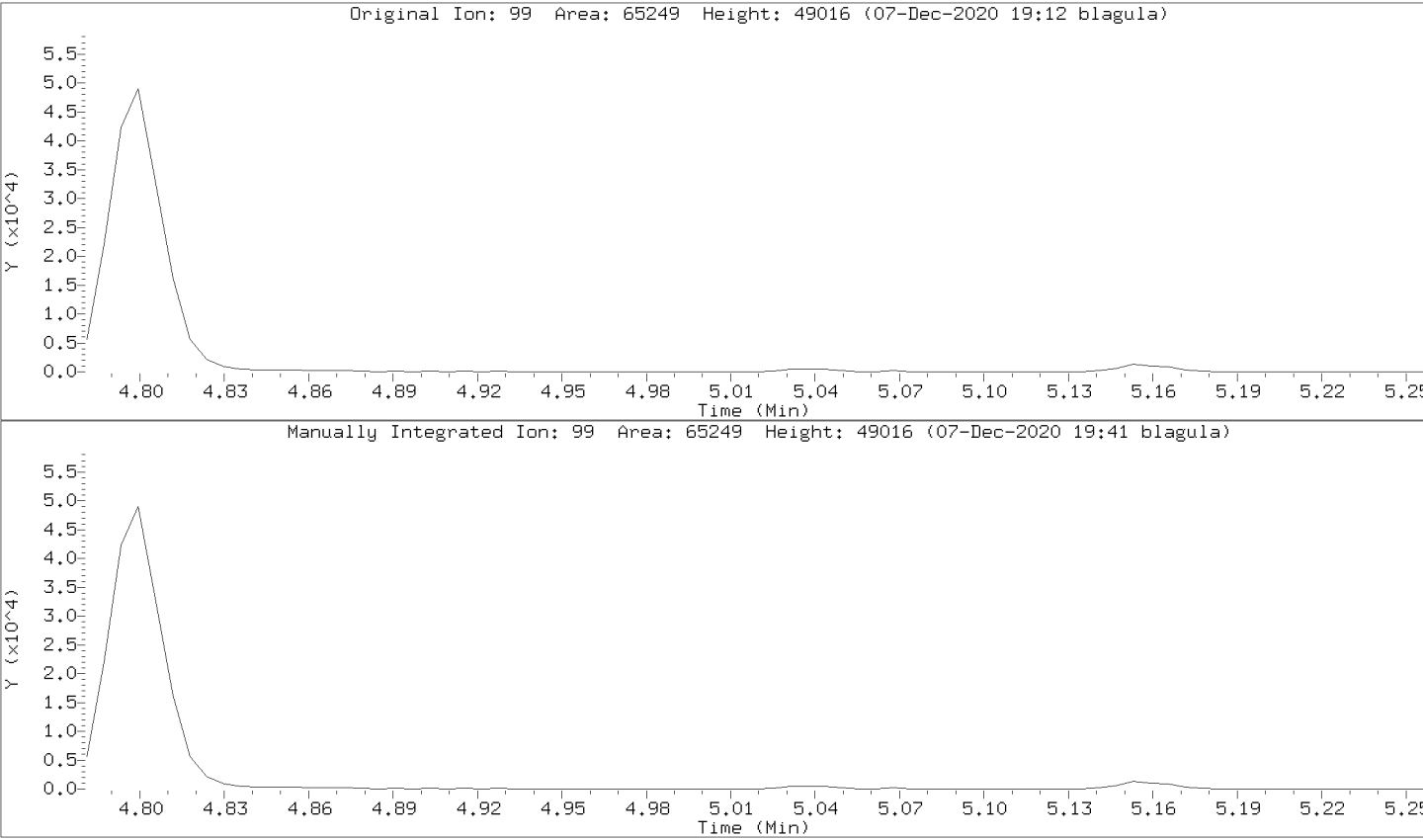


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Injection Date: 07-DEC-2020 15:18
Instrument: 70msv6.i
Lab Sample ID: CAL2

Compound: Ethyl methacrylate Review Code:
CAS Number: 97-63-2



Data File: \\v70wintarget\chem\70msv6.i\120720.b/J63313.D
Injection Date: 07-DEC-2020 15:18
Instrument: 70msv6.i
Lab Sample ID: CAL2



Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\120720.b\J63314.D
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Inj Date : 07-DEC-2020 15:39 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : cal3, 103031:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\120720.b\120720_8260W.m
Meth Date : 09-Dec-2020 18:19 blagula Quant Type: ISTD
Cal Date : 07-DEC-2020 15:39 Cal File: J63314.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG						AMOUNTS		REVIEW C
			MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51		1.208	1.209	(0.351)		16367	4.00000	4.25	
2 Dichlorotetrafluoroethane	135		1.269	1.270	(0.368)		6694	4.00000	4.04	
3 Dichlorodifluoromethane	85		1.190	1.190	(0.345)		14631	4.00000	4.13 (Q)	
4 Chloromethane	50		1.324	1.325	(0.384)		14495	4.00000	4.13	
5 Vinyl chloride	62		1.385	1.386	(0.402)		15859	4.00000	4.22	
6 1,3-Butadiene	54		1.409	1.410	(0.409)		11057	4.00000	4.09	
7 Acetaldehyde	44		1.470	1.471	(0.427)		2856	4.00000	4.31 (Q)	
8 Bromomethane	94		1.604	1.605	(0.466)		2721	4.00000	2.69 (M)	
9 Chloroethane	64		1.671	1.672	(0.485)		9160	4.00000	3.98	
10 Dichlorofluoromethane	67		1.799	1.800	(0.522)		19346	4.00000	4.11	
11 Trichlorofluoromethane	101		1.812	1.806	(0.526)		16276	4.00000	4.06	
12 Ethanol	45		1.952	1.952	(0.567)		1530	100.000	104	
13 Diethyl ether (Ethyl ether)	59		1.982	1.983	(0.575)		10278	4.00000	4.04	
16 1,1,2-Trichlorotrifluoroethane	101		2.098	2.099	(0.609)		10695	4.00000	4.10	
14 Acrolein	56		2.104	2.099	(0.611)		2358	4.00000	3.97	
15 1,1-Dichloroethene	96		2.129	2.129	(0.618)		9943	4.00000	4.19	
17 Acetone	43		2.190	2.190	(0.636)		6292	4.00000	5.82	
18 Iodomethane	142		2.238	2.233	(0.650)		2813	4.00000	1.84	
19 2-Propanol	45		2.257	2.251	(0.655)		11557	100.000	118 (H)	
20 Carbon disulfide	76		2.263	2.263	(0.657)		28679	4.00000	3.96	
21 Allyl chloride	76		2.348	2.349	(0.682)		6483	4.00000	3.86	
22 Acetonitrile	41		2.391	2.385	(0.694)		7289	20.0000	22.0	
23 Methyl acetate	43		2.360	2.355	(0.685)		15681	4.00000	4.01	

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
24 Methylene Chloride	84	2.434	2.434	(0.706)	12981	4.00000	4.31		
25 tert-Butyl Alcohol	59	2.482	2.483	(0.720)	4641	20.0000	22.2		
28 Methyl-tert-butyl ether	73	2.549	2.544	(0.740)	35192	4.00000	3.98		
27 trans-1,2-Dichloroethene	96	2.568	2.568	(0.745)	11029	4.00000	4.16		
26 Acrylonitrile	53	2.610	2.611	(0.758)	3959	4.00000	4.06		
30 n-Hexane	57	2.671	2.672	(0.775)	17812	4.00000	4.08		
29 Diisopropyl ether	45	2.805	2.806	(0.814)	41012	4.00000	4.23		
32 Vinyl acetate	43	2.836	2.830	(0.823)	24529	4.00000	4.21 (H)		
31 1,1-Dichloroethane	63	2.830	2.830	(0.821)	22528	4.00000	4.30		
33 Chloroprene	53	2.860	2.861	(0.830)	17195	4.00000	4.13		
34 Ethyl-tert-butyl ether	59	3.013	3.007	(0.874)	40943	4.00000	4.20		
36 2,2-Dichloropropane	77	3.147	3.147	(0.913)	19494	4.00000	4.22		
35 cis-1,2-Dichloroethene	96	3.165	3.166	(0.919)	13022	4.00000	4.07		
39 Ethyl acetate	61	3.165	3.166	(0.919)	20486	4.00000	4.09		
37 2-Butanone (MEK)	43	3.177	3.172	(0.922)	10267	4.00000	4.09		
41 Bromochloromethane	128	3.311	3.312	(0.961)	5746	4.00000	4.31		
42 Tetrahydrofuran	42	3.317	3.312	(0.963)	4000	4.00000	4.25 (Q)		
43 Chloroform	83	3.342	3.336	(0.970)	20489	4.00000	4.04		
38 Propionitrile	54	3.257	3.251	(0.945)	1579	4.00000	4.20 (H)		
46 Cyclohexane	56	3.427	3.428	(0.995)	32033	4.00000	5.13 (Q)		
45 1,1,1-Trichloroethane	97	3.433	3.434	(0.884)	18465	4.00000	4.11 (Q)		
* 44 Pentafluorobenzene (IS)	168	3.446	3.452	(1.000)	318414	50.0000	(Q)		
48 Carbon tetrachloride	117	3.506	3.507	(0.903)	14398	4.00000	4.07		
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	16809	4.00000	4.03		
55 2,2,4-Trimethylpentane	57	3.622	3.623	(1.051)	34593	4.00000	4.09		
51 Benzene	78	3.647	3.647	(0.939)	46762	4.00000	4.15		
40 Methacrylonitrile	67	3.317	3.318	(0.963)	4741	4.00000	3.99		
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	214026	50.0000	50.3		
56 tert-Amylmethyl ether	73	3.683	3.678	(1.069)	36737	4.00000	4.10		
52 1,2-Dichloroethane	62	3.702	3.702	(1.074)	16272	4.00000	3.92		
57 n-Heptane	43	3.732	3.733	(1.083)	18433	4.00000	4.05		
* 58 1,4-Difluorobenzene (IS)	114	3.884	3.885	(1.000)	562211	50.0000			
59 Trichloroethene	95	4.037	4.037	(1.039)	12278	4.00000	4.10		
60 Methylcyclohexane	83	4.110	4.111	(1.058)	23735	4.00000	4.18		
49 Isobutanol	43	3.598	3.592	(1.044)	1761	20.0000	20.2		
53 tert-Amyl Alcohol	59	Compound Not Detected.						(D)	
54 tert-Amyl ethyl ether	59	4.140	4.135	(1.202)	30597	4.00000	3.98		
61 1,2-Dichloropropane	63	4.201	4.202	(1.082)	11806	4.00000	3.98		
63 Methyl methacrylate	69	4.238	4.232	(1.091)	8010	4.00000	3.93		
64 1,4-Dioxane (p-Dioxane)	88	4.275	4.269	(1.100)	1560	100.000	105 (Q)		
62 Dibromomethane	93	4.287	4.280	(1.104)	6446	4.00000	3.91		
65 Bromodichloromethane	83	4.366	4.367	(1.124)	15694	4.00000	3.97		
66 2-Nitropropane	43	4.555	4.550	(1.173)	4881	4.00000	2.99 (QH)		
67 2-Chloroethylvinyl ether	63	4.555	4.550	(1.173)	3345	4.00000	3.56		
68 cis-1,3-Dichloropropene	75	4.653	4.653	(1.198)	19102	4.00000	3.91		
69 4-Methyl-2-pentanone (MIBK)	43	4.738	4.732	(1.220)	11594	4.00000	4.09		
\$ 70 Toluene-d8 (S)	98	4.799	4.799	(0.827)	687731	50.0000	49.9		
71 Toluene	91	4.842	4.842	(1.246)	53260	4.00000	4.21		
72 Methyl isothiocyanate	73	4.970	4.964	(1.279)	18272	10.0000	9.38		
74 trans-1,3-Dichloropropene	75	5.031	5.031	(1.295)	16862	4.00000	3.88		
75 Ethyl methacrylate	69	5.037	5.031	(1.297)	14927	4.00000	3.98 (QM)		
76 1,1,2-Trichloroethane	83	5.152	5.153	(1.326)	8571	4.00000	4.03		
77 Tetrachloroethene	166	5.195	5.196	(0.895)	13383	4.00000	4.27		
78 1,3-Dichloropropane	76	5.274	5.275	(0.909)	19261	4.00000	4.08		

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
79 2-Hexanone	43	5.305	5.293	(0.914)	8220	4.00000	4.02		
73 n-Octane	43	4.842	4.842	(1.246)	18358	4.00000	4.19(Q)		
81 n-Butyl acetate	43	5.360	5.348	(1.380)	6412	4.00000	4.19(Q)		
80 Dibromochloromethane	129	5.415	5.415	(0.933)	9044	4.00000	3.67		
82 1,2-Dibromoethane (EDB)	107	5.506	5.507	(1.417)	10026	4.00000	3.97		
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	303612	50.0000			
84 Chlorobenzene	112	5.829	5.830	(1.004)	32641	4.00000	4.14		
86 Ethylbenzene	106	5.878	5.872	(1.013)	19315	4.00000	4.15		
85 1,1,1,2-Tetrachloroethane	131	5.884	5.885	(1.014)	9903	4.00000	3.83		
88 n-Nonane	43	5.908	5.909	(1.018)	11431	4.00000	3.70(Q)		
87 m&p-Xylene	106	5.957	5.958	(1.026)	46930	8.00000	8.27		
89 o-Xylene	106	6.256	6.257	(1.078)	22908	4.00000	4.14		
90 Styrene	104	6.274	6.275	(1.081)	36110	4.00000	3.99		
91 Bromoform	173	6.439	6.439	(1.109)	4613	4.00000	3.34		
92 Isopropylbenzene (Cumene)	105	6.512	6.513	(0.863)	61222	4.00000	4.33		
\$ 93 4-Bromofluorobenzene (S)	95	6.670	6.671	(1.149)	259187	50.0000	49.4		
94 Bromobenzene	156	6.780	6.781	(0.898)	12683	4.00000	4.17		
95 1,1,2,2-Tetrachloroethane	83	6.792	6.793	(0.900)	12859	4.00000	3.98		
98 n-Propylbenzene	91	6.823	6.817	(0.904)	67989	4.00000	4.16		
96 1,2,3-Trichloropropane	110	6.835	6.836	(0.905)	4549	4.00000	4.26		
97 trans-1,4-Dichloro-2-butene	53	6.847	6.842	(0.907)	3328	4.00000	3.64		
103 n-Decane	43	6.902	6.897	(1.189)	8156	4.00000	3.58(Q)		
99 2-Chlorotoluene	91	6.914	6.915	(0.916)	46828	4.00000	4.19		
100 4-Ethyltoluene	105	6.908	6.909	(0.915)	58278	4.00000	4.19		
101 1,3,5-Trimethylbenzene	105	6.957	6.958	(0.922)	48500	4.00000	4.25		
102 4-Chlorotoluene	91	7.000	7.000	(0.927)	41200	4.00000	4.11		
104 tert-Butylbenzene	119	7.195	7.195	(0.953)	39907	4.00000	4.16		
105 Pentachloroethane	167	7.244	7.250	(0.960)	5695	4.00000	3.71		
106 1,2,4-Trimethylbenzene	105	7.250	7.244	(0.960)	46000	4.00000	4.20		
107 sec-Butylbenzene	105	7.365	7.366	(0.976)	57439	4.00000	4.12		
109 d-Limonene	136	7.426	7.427	(1.279)	2564	4.00000	3.75		
110 p-Isopropyltoluene	119	7.475	7.476	(0.990)	46970	4.00000	4.11		
108 1,3-Dichlorobenzene	146	7.494	7.494	(0.993)	21961	4.00000	3.98		
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.548	7.549	(1.000)	251949	50.0000			
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.002)	22293	4.00000	3.95(Q)		
113 1,2,3-Trimethylbenzene	105	7.579	7.579	(1.004)	46022	4.00000	4.12		
114 Benzyl chloride	91	7.676	7.677	(1.017)	20852	4.00000	3.61		
115 trans-Decalin	138	7.768	7.768	(1.029)	9008	4.00000	3.99		
116 1,4-Diethylbenzene	119	7.774	7.774	(1.030)	24254	4.00000	3.90		
117 n-Butylbenzene	91	7.792	7.793	(1.032)	49365	4.00000	4.07		
119 n-Undecane	43	7.823	7.817	(1.036)	5912	4.00000	4.19(Q)		
118 1,2-Dichlorobenzene	146	7.859	7.860	(1.041)	20864	4.00000	3.98		
120 cis-Decalin	138	8.207	8.212	(1.087)	7185	4.00000	3.92		
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.112)	29012	4.00000	3.86		
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	2056	4.00000	3.60		
123 n-Dodecane	43	8.676	8.670	(1.149)	3367	4.00000	4.61(Q)		
124 1,2,4-Trichlorobenzene	180	9.121	9.116	(1.208)	8795	4.00000	3.53		
125 Hexachloro-1,3-butadiene	225	9.213	9.213	(1.220)	4027	4.00000	3.61		
126 Naphthalene	128	9.335	9.335	(1.237)	22299	4.00000	3.56		
127 1,2,3-Trichlorobenzene	180	9.560	9.561	(1.267)	7494	4.00000	3.49		

Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63314.D
Report Date: 09-Dec-2020 18:21

QC Flag Legend

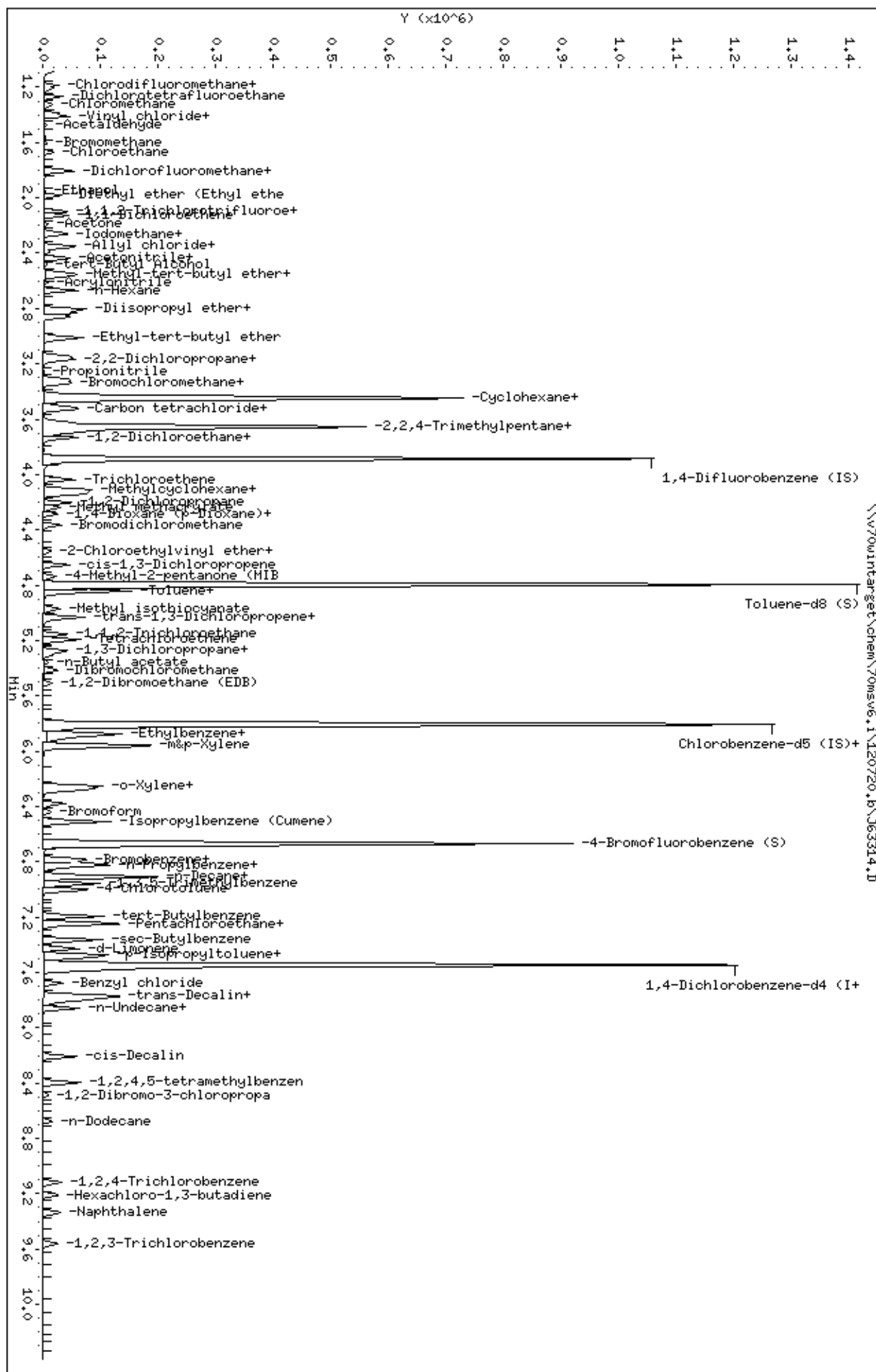
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

Review Codes Legend

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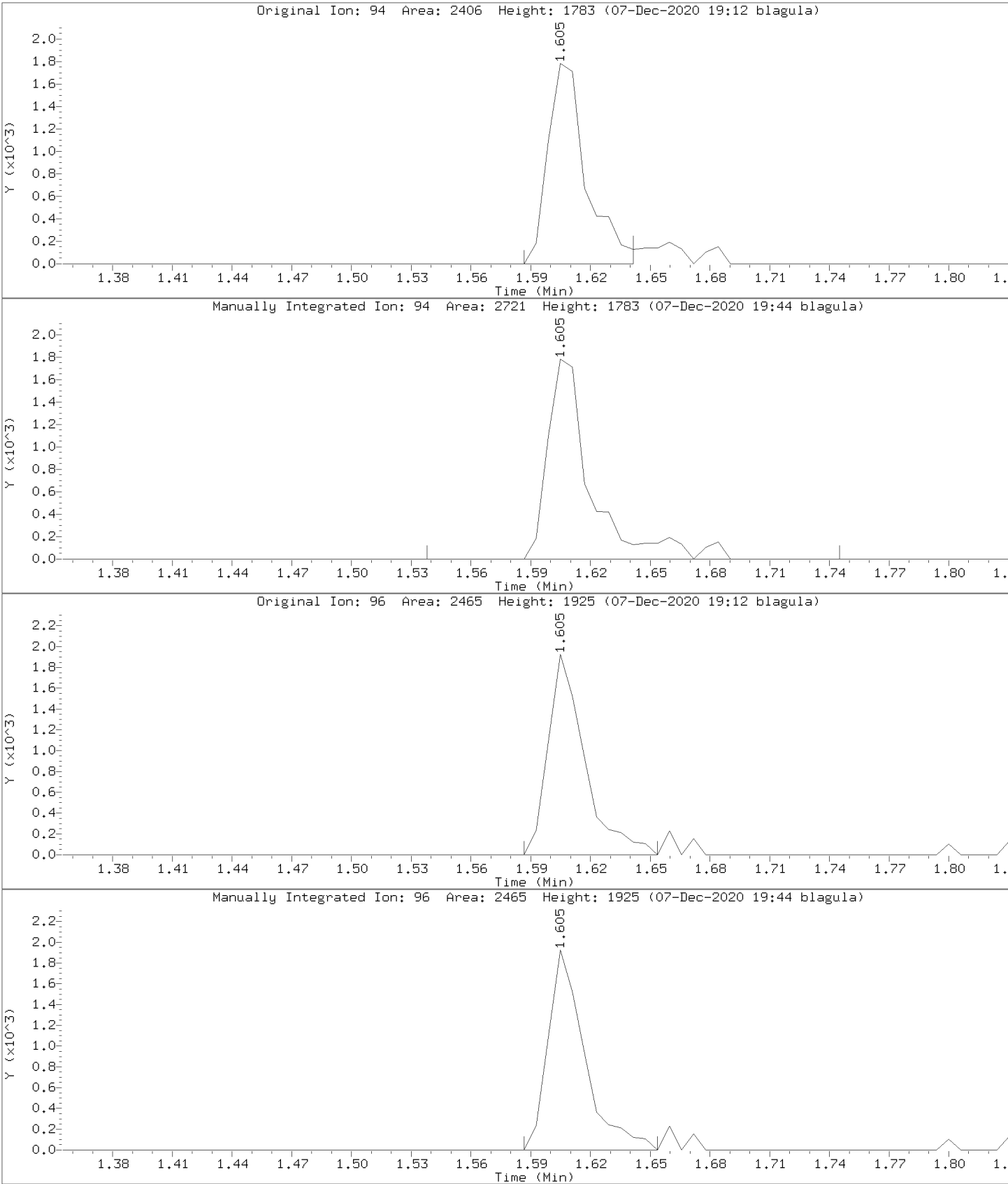
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 Date : 07-DEC-2020 15:39
 Client ID: CAL3
 Sample Info: CAL3, 103031:1
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv6.i
 Operator: BRL
 Column diameter: 0.18



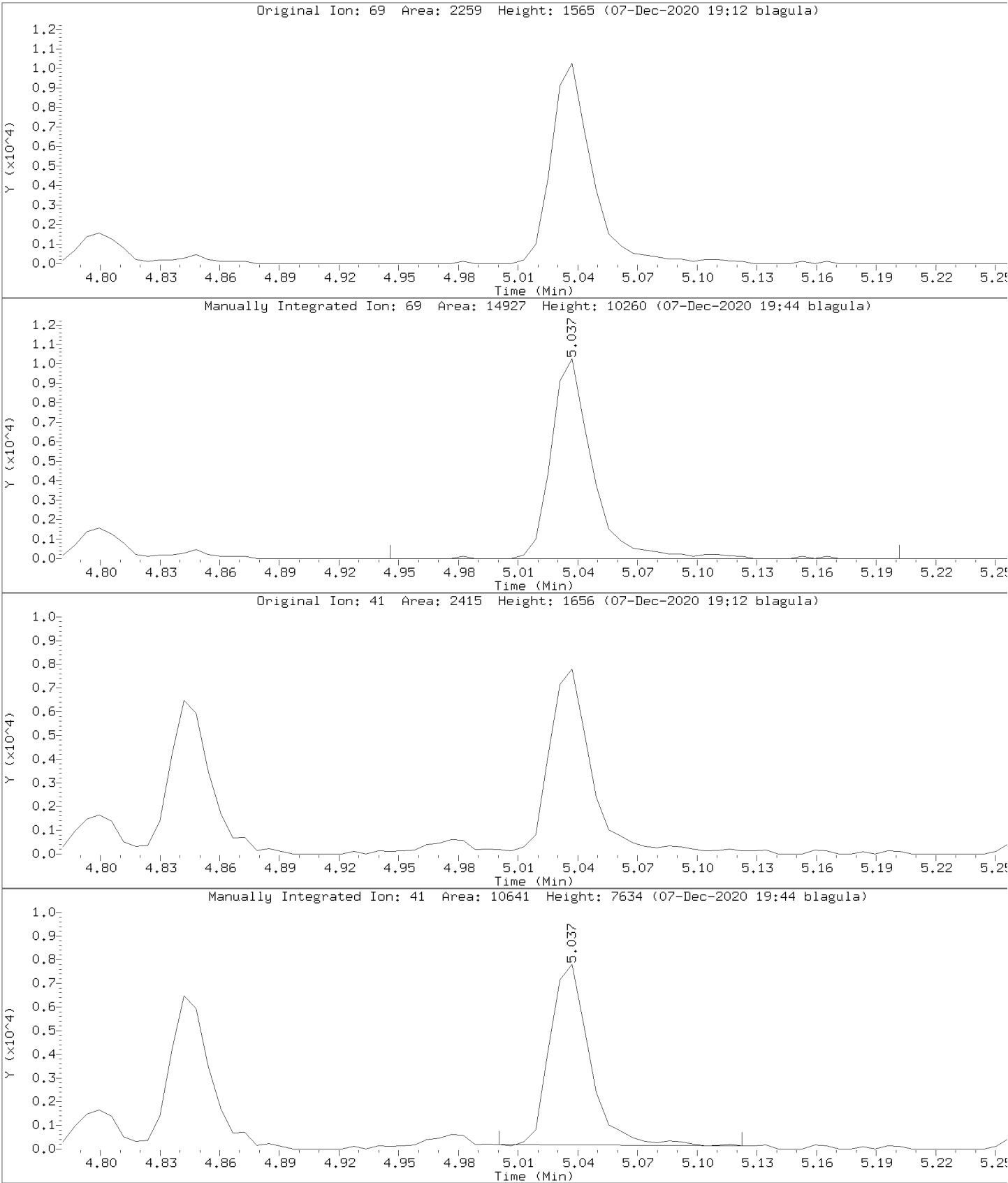
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Instrument: 70msv6.i
Lab Sample ID: CAL3

Compound: Bromomethane Review Code:
CAS Number: 74-83-9

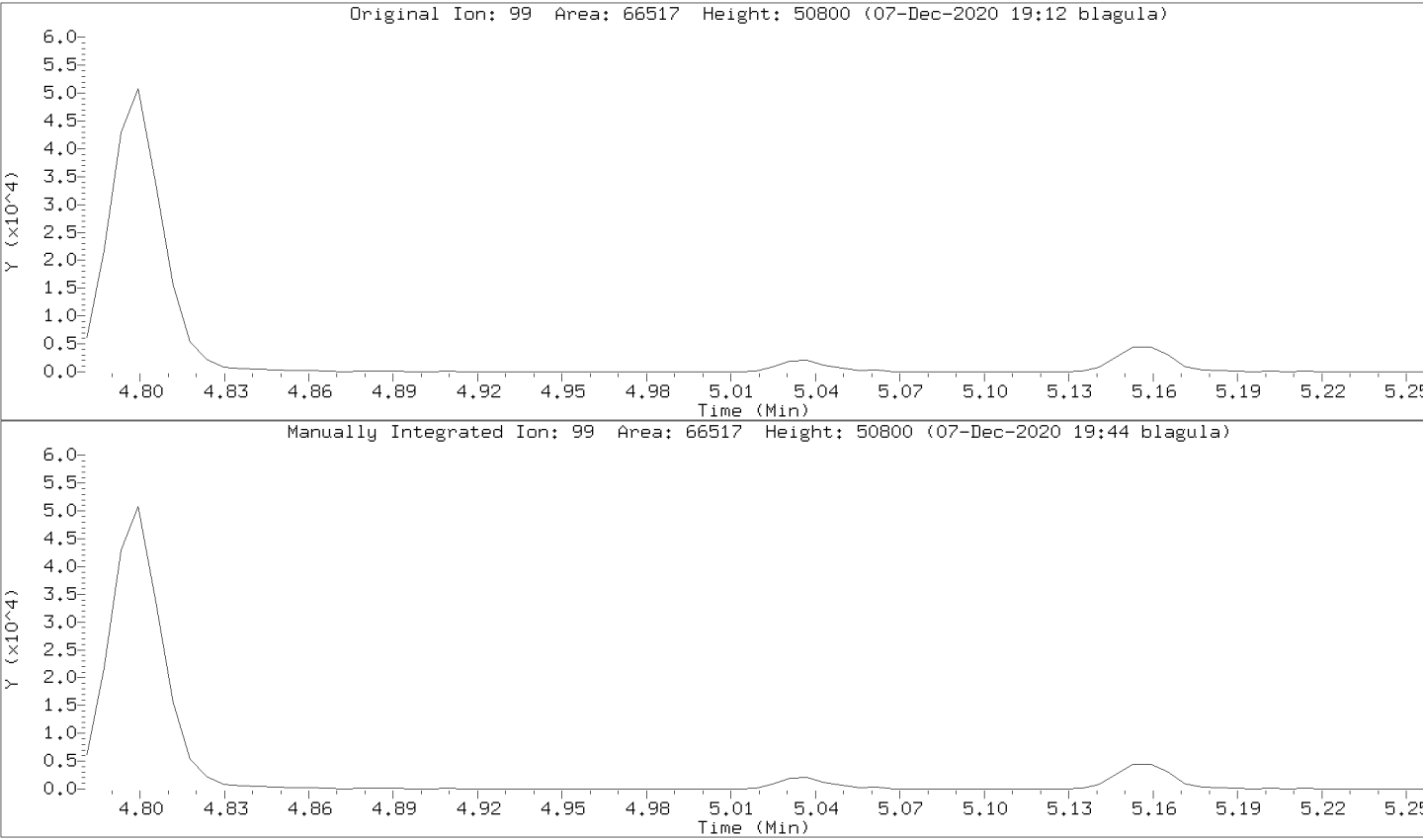


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Injection Date: 07-DEC-2020 15:39
Instrument: 70msv6.i
Lab Sample ID: CAL3

Compound: Ethyl methacrylate Review Code:
CAS Number: 97-63-2



Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63314.D
Injection Date: 07-DEC-2020 15:39
Instrument: 70msv6.i
Lab Sample ID: CAL3



Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\120720.b\J63315.D
Lab Smp Id: CAL4 Client Smp ID: CAL4
Inj Date : 07-DEC-2020 16:00 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : cal4, 103032:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\120720.b\120720_8260W.m
Meth Date : 09-Dec-2020 18:19 blagula Quant Type: ISTD
Cal Date : 07-DEC-2020 16:00 Cal File: J63315.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
1 Chlorodifluoromethane	51	1.208	1.209	(0.351)	38464	10.0000	10.0		
2 Dichlorotetrafluoroethane	135	1.269	1.270	(0.368)	16496	10.0000	9.97		
3 Dichlorodifluoromethane	85	1.190	1.190	(0.345)	35414	10.0000	10.0 (Q)		
4 Chloromethane	50	1.324	1.325	(0.384)	33544	10.0000	9.58		
5 Vinyl chloride	62	1.385	1.386	(0.402)	37246	10.0000	9.92		
6 1,3-Butadiene	54	1.409	1.410	(0.409)	25906	10.0000	9.60		
7 Acetaldehyde	44	1.470	1.471	(0.427)	7769	10.0000	11.7		
8 Bromomethane	94	1.604	1.605	(0.466)	6439	10.0000	6.45		
9 Chloroethane	64	1.671	1.672	(0.485)	22879	10.0000	9.95		
10 Dichlorofluoromethane	67	1.800	1.800	(0.522)	46669	10.0000	9.94		
11 Trichlorofluoromethane	101	1.812	1.806	(0.526)	39031	10.0000	9.75		
12 Ethanol	45	1.952	1.952	(0.567)	3628	250.000	247		
13 Diethyl ether (Ethyl ether)	59	1.982	1.983	(0.575)	24739	10.0000	9.74		
16 1,1,2-Trichlorotrifluoroethane	101	2.098	2.099	(0.609)	25493	10.0000	9.79		
14 Acrolein	56	2.104	2.099	(0.611)	5631	10.0000	9.50		
15 1,1-Dichloroethene	96	2.129	2.129	(0.618)	22342	10.0000	9.44		
17 Acetone	43	2.190	2.190	(0.636)	13240	10.0000	12.3		
18 Iodomethane	142	2.238	2.233	(0.650)	11471	10.0000	7.54		
19 2-Propanol	45	2.257	2.251	(0.655)	26511	250.000	272 (H)		
20 Carbon disulfide	76	2.263	2.263	(0.657)	72078	10.0000	9.96		
21 Allyl chloride	76	2.348	2.349	(0.682)	16591	10.0000	9.90		
22 Acetonitrile	41	2.391	2.385	(0.694)	16052	50.0000	48.6		
23 Methyl acetate	43	2.360	2.355	(0.685)	35862	10.0000	9.19		

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
24 Methylene Chloride	84	2.434	2.434	(0.706)	27904	10.0000	9.28	
25 tert-Butyl Alcohol	59	2.482	2.483	(0.720)	10518	50.0000	50.3	
28 Methyl-tert-butyl ether	73	2.549	2.544	(0.740)	86537	10.0000	9.81	
27 trans-1,2-Dichloroethene	96	2.568	2.568	(0.745)	25937	10.0000	9.81	
26 Acrylonitrile	53	2.610	2.611	(0.758)	8704	10.0000	8.94	
30 n-Hexane	57	2.671	2.672	(0.775)	42996	10.0000	9.87	
29 Diisopropyl ether	45	2.805	2.806	(0.814)	96009	10.0000	9.92	
32 Vinyl acetate	43	2.836	2.830	(0.823)	63414	10.0000	10.9(H)	
31 1,1-Dichloroethane	63	2.830	2.830	(0.821)	51690	10.0000	9.89	
33 Chloroprene	53	2.860	2.861	(0.830)	41285	10.0000	9.93	
34 Ethyl-tert-butyl ether	59	3.013	3.007	(0.874)	93720	10.0000	9.64	
36 2,2-Dichloropropane	77	3.147	3.147	(0.913)	44379	10.0000	9.63	
35 cis-1,2-Dichloroethene	96	3.165	3.166	(0.919)	30892	10.0000	9.68	
39 Ethyl acetate	61	3.165	3.166	(0.919)	48393	10.0000	9.68	
37 2-Butanone (MEK)	43	3.177	3.172	(0.922)	26078	10.0000	10.4	
41 Bromochloromethane	128	3.311	3.312	(0.961)	12451	10.0000	9.36	
42 Tetrahydrofuran	42	3.318	3.312	(0.963)	8399	10.0000	8.94	
43 Chloroform	83	3.336	3.336	(0.968)	50550	10.0000	10.0	
38 Propionitrile	54	3.250	3.251	(0.943)	3390	10.0000	9.04(QH)	
46 Cyclohexane	56	3.427	3.428	(0.995)	65665	10.0000	10.5	
45 1,1,1-Trichloroethane	97	3.433	3.434	(0.884)	44865	10.0000	9.95(Q)	
* 44 Pentafluorobenzene (IS)	168	3.446	3.452	(1.000)	317805	50.0000	(Q)	
48 Carbon tetrachloride	117	3.507	3.507	(0.903)	34648	10.0000	9.77	
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	40738	10.0000	9.74	
55 2,2,4-Trimethylpentane	57	3.622	3.623	(1.051)	81388	10.0000	9.64	
51 Benzene	78	3.647	3.647	(0.939)	111540	10.0000	9.87	
40 Methacrylonitrile	67	3.318	3.318	(0.963)	11261	10.0000	9.50	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	213753	50.0000	50.1	
56 tert-Amylmethyl ether	73	3.683	3.678	(1.069)	84831	10.0000	9.49	
52 1,2-Dichloroethane	62	3.702	3.702	(1.074)	40467	10.0000	9.78	
57 n-Heptane	43	3.732	3.733	(1.083)	44292	10.0000	9.76	
* 58 1,4-Difluorobenzene (IS)	114	3.884	3.885	(1.000)	563806	50.0000		
59 Trichloroethene	95	4.037	4.037	(1.039)	29689	10.0000	9.88	
60 Methylcyclohexane	83	4.110	4.111	(1.058)	57045	10.0000	10.0	
49 Isobutanol	43	3.598	3.592	(1.044)	3883	50.0000	44.7	
53 tert-Amyl Alcohol	59	Compound Not Detected.						(D)
54 tert-Amyl ethyl ether	59	4.141	4.135	(1.202)	75080	10.0000	9.80	
61 1,2-Dichloropropane	63	4.201	4.202	(1.082)	29042	10.0000	9.77	
63 Methyl methacrylate	69	4.238	4.232	(1.091)	19122	10.0000	9.36	
64 1,4-Dioxane (p-Dioxane)	88	4.275	4.269	(1.100)	3512	250.000	235(Q)	
62 Dibromomethane	93	4.281	4.280	(1.102)	15765	10.0000	9.54	
65 Bromodichloromethane	83	4.366	4.367	(1.124)	36912	10.0000	9.30	
66 2-Nitropropane	43	4.549	4.550	(1.171)	12305	10.0000	7.52(H)	
67 2-Chloroethylvinyl ether	63	4.555	4.550	(1.173)	7640	10.0000	8.11	
68 cis-1,3-Dichloropropene	75	4.653	4.653	(1.198)	45612	10.0000	9.30	
69 4-Methyl-2-pentanone (MIBK)	43	4.738	4.732	(1.220)	27379	10.0000	9.63	
\$ 70 Toluene-d8 (S)	98	4.799	4.799	(0.827)	691778	50.0000	50.2	
71 Toluene	91	4.842	4.842	(1.246)	130194	10.0000	10.2	
72 Methyl isothiocyanate	73	4.970	4.964	(1.279)	45297	25.0000	23.2	
74 trans-1,3-Dichloropropene	75	5.031	5.031	(1.295)	41781	10.0000	9.60	
75 Ethyl methacrylate	69	5.031	5.031	(1.295)	34128	10.0000	9.08(QM)	
76 1,1,2-Trichloroethane	83	5.153	5.153	(1.326)	20224	10.0000	9.47	
77 Tetrachloroethene	166	5.195	5.196	(0.895)	31982	10.0000	10.2	
78 1,3-Dichloropropane	76	5.274	5.275	(0.909)	43552	10.0000	9.23	

						AMOUNTS		
		QUANT SIG				CAL-AMT	ON-COL	
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	REVIEW C
=====	=====	=====	=====	=====	=====	=====	=====	=====
79 2-Hexanone	43	5.299	5.293	(0.913)	21767	10.0000	10.6	
73 n-Octane	43	4.842	4.842	(1.246)	42672	10.0000	9.71 (Q)	
81 n-Butyl acetate	43	5.354	5.348	(1.378)	13840	10.0000	9.01	
80 Dibromochloromethane	129	5.415	5.415	(0.933)	22888	10.0000	9.29	
82 1,2-Dibromoethane (EDB)	107	5.506	5.507	(1.417)	24342	10.0000	9.61	
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	303715	50.0000		
84 Chlorobenzene	112	5.829	5.830	(1.004)	78180	10.0000	9.91	
86 Ethylbenzene	106	5.872	5.872	(1.012)	46568	10.0000	10.0	
85 1,1,1,2-Tetrachloroethane	131	5.884	5.885	(1.014)	24696	10.0000	9.54	
88 n-Nonane	43	5.908	5.909	(1.018)	28689	10.0000	9.28 (Q)	
87 m&p-Xylene	106	5.957	5.958	(1.026)	115474	20.0000	20.4	
89 o-Xylene	106	6.256	6.257	(1.078)	54487	10.0000	9.84	
90 Styrene	104	6.274	6.275	(1.081)	88256	10.0000	9.75	
91 Bromoform	173	6.439	6.439	(1.109)	12274	10.0000	8.90	
92 Isopropylbenzene (Cumene)	105	6.512	6.513	(0.863)	144950	10.0000	10.1	
\$ 93 4-Bromofluorobenzene (S)	95	6.671	6.671	(1.149)	261034	50.0000	49.8	
94 Bromobenzene	156	6.780	6.781	(0.898)	30237	10.0000	9.83	
95 1,1,2,2-Tetrachloroethane	83	6.792	6.793	(0.900)	31544	10.0000	9.66	
98 n-Propylbenzene	91	6.817	6.817	(0.903)	168325	10.0000	10.2	
96 1,2,3-Trichloropropane	110	6.835	6.836	(0.905)	10252	10.0000	9.50	
97 trans-1,4-Dichloro-2-butene	53	6.841	6.842	(0.906)	8745	10.0000	9.45	
103 n-Decane	43	6.902	6.897	(1.189)	21933	10.0000	9.61 (Q)	
99 2-Chlorotoluene	91	6.914	6.915	(0.916)	112805	10.0000	9.99	
100 4-Ethyltoluene	105	6.908	6.909	(0.915)	141819	10.0000	10.1	
101 1,3,5-Trimethylbenzene	105	6.957	6.958	(0.922)	114500	10.0000	9.92	
102 4-Chlorotoluene	91	7.000	7.000	(0.927)	99446	10.0000	9.81	
104 tert-Butylbenzene	119	7.195	7.195	(0.953)	96164	10.0000	9.91	
105 Pentachloroethane	167	7.250	7.250	(0.960)	13732	10.0000	8.86	
106 1,2,4-Trimethylbenzene	105	7.250	7.244	(0.960)	109412	10.0000	9.89	
107 sec-Butylbenzene	105	7.366	7.366	(0.976)	139659	10.0000	9.92	
109 d-Limonene	136	7.426	7.427	(1.279)	6640	10.0000	9.70	
110 p-Isopropyltoluene	119	7.475	7.476	(0.990)	115147	10.0000	9.97	
108 1,3-Dichlorobenzene	146	7.494	7.494	(0.993)	52500	10.0000	9.42	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.548	7.549	(1.000)	254713	50.0000		
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.002)	55000	10.0000	9.63	
113 1,2,3-Trimethylbenzene	105	7.579	7.579	(1.004)	110204	10.0000	9.77	
114 Benzyl chloride	91	7.676	7.677	(1.017)	52842	10.0000	9.04	
115 trans-Decalin	138	7.768	7.768	(1.029)	21896	10.0000	9.59	
116 1,4-Diethylbenzene	119	7.774	7.774	(1.030)	59787	10.0000	9.52	
117 n-Butylbenzene	91	7.792	7.793	(1.032)	115933	10.0000	9.45	
119 n-Undecane	43	7.817	7.817	(1.036)	15646	10.0000	11.0 (Q)	
118 1,2-Dichlorobenzene	146	7.859	7.860	(1.041)	50202	10.0000	9.48	
120 cis-Decalin	138	8.213	8.212	(1.088)	17661	10.0000	9.53	
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.112)	71659	10.0000	9.42	
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	5273	10.0000	9.12	
123 n-Dodecane	43	8.670	8.670	(1.149)	8648	10.0000	11.7 (Q)	
124 1,2,4-Trichlorobenzene	180	9.115	9.116	(1.208)	22146	10.0000	8.78	
125 Hexachloro-1,3-butadiene	225	9.207	9.213	(1.220)	9577	10.0000	8.50	
126 Naphthalene	128	9.335	9.335	(1.237)	58629	10.0000	9.26	
127 1,2,3-Trichlorobenzene	180	9.560	9.561	(1.267)	19261	10.0000	8.87	

Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63315.D
Report Date: 09-Dec-2020 18:21

QC Flag Legend

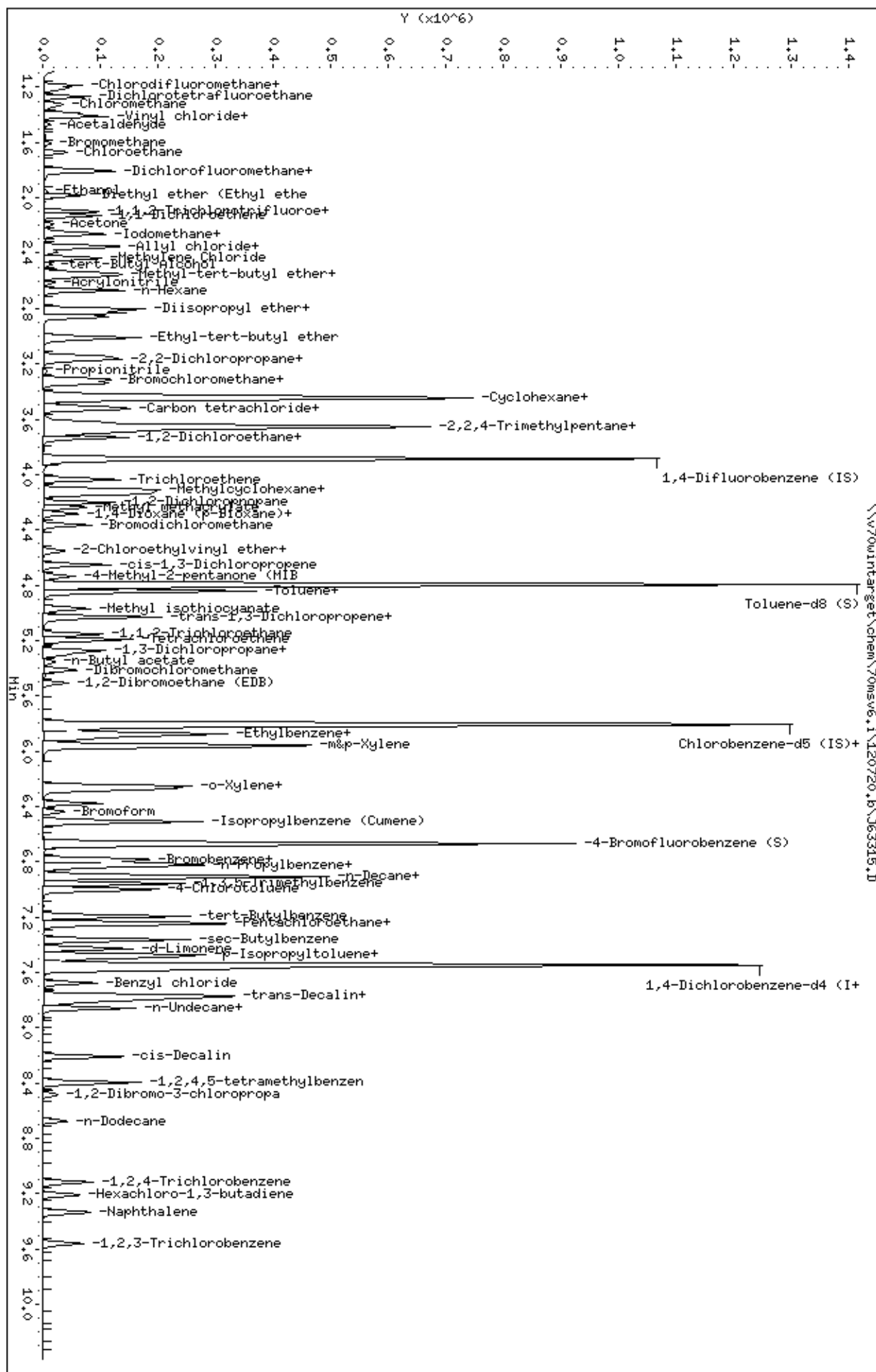
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

Review Codes Legend

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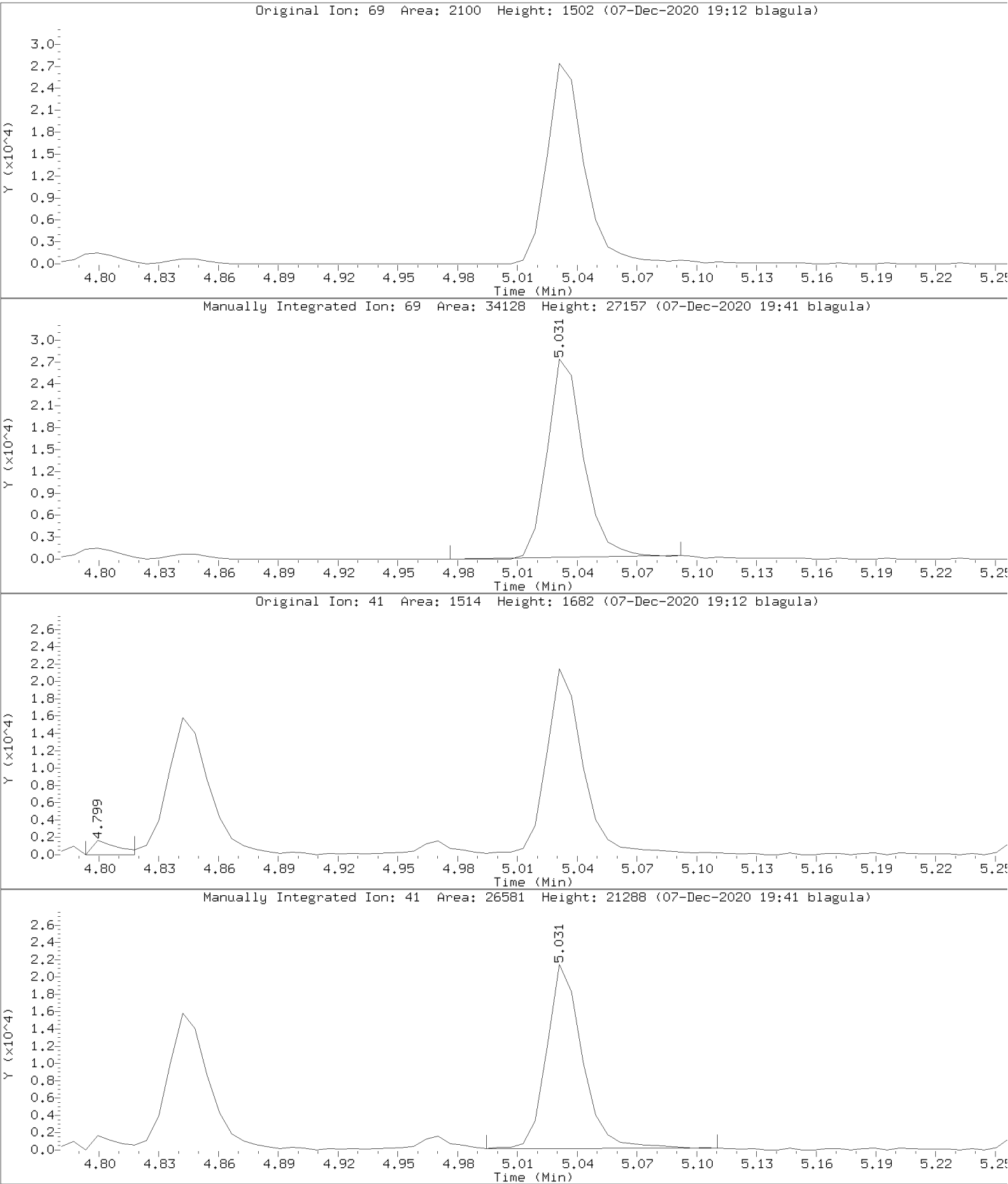
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Date : 07-DEC-2020 16:00
Client ID: CAL4
Sample Info: CAL4, 103032;1
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BRL
Column diameter: 0.18

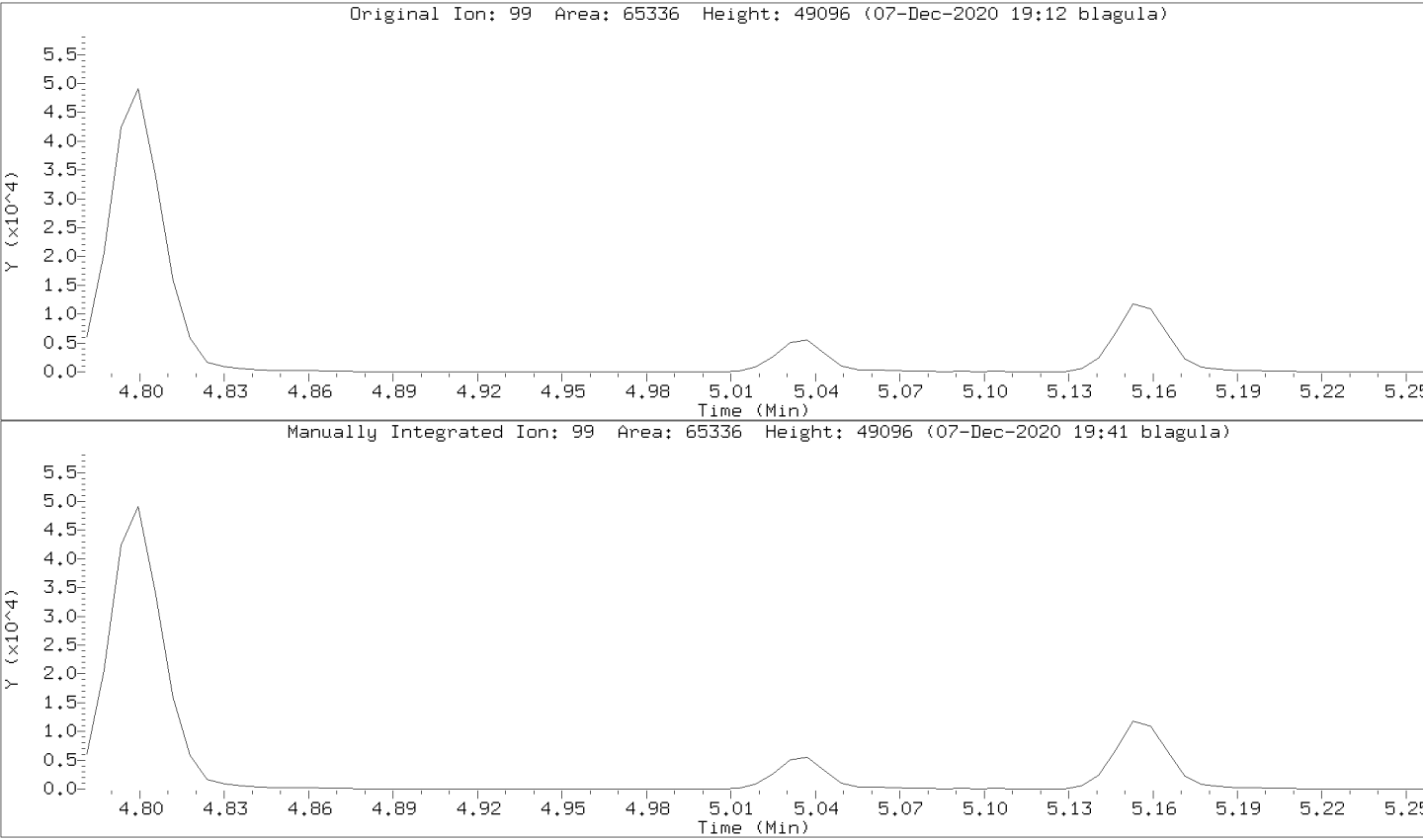


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Injection Date: 07-DEC-2020 16:00
Instrument: 70msv6.i
Lab Sample ID: CAL4

Compound: Ethyl methacrylate Review Code:
CAS Number: 97-63-2



Data File: \\v70wintarget\chem\70msv6.i\120720.b/J63315.D
Injection Date: 07-DEC-2020 16:00
Instrument: 70msv6.i
Lab Sample ID: CAL4



Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\120720.b\J63316.D
Lab Smp Id: CAL5 Client Smp ID: CAL5
Inj Date : 07-DEC-2020 16:21 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : cal5, 103033:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\120720.b\120720_8260W.m
Meth Date : 09-Dec-2020 18:19 blagula Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT	SIG						AMOUNTS		REVIEW C
			MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51		1.208	1.209	(0.351)		70322	20.0000	18.3	
2 Dichlorotetrafluoroethane	135		1.269	1.270	(0.368)		31718	20.0000	19.2	
3 Dichlorodifluoromethane	85		1.190	1.190	(0.345)		67811	20.0000	19.2 (Q)	
4 Chloromethane	50		1.324	1.325	(0.384)		65967	20.0000	18.9	
5 Vinyl chloride	62		1.385	1.386	(0.402)		70787	20.0000	18.9	
6 1,3-Butadiene	54		1.410	1.410	(0.409)		51295	20.0000	19.0	
7 Acetaldehyde	44		1.471	1.471	(0.427)		12443	20.0000	18.8	
8 Bromomethane	94		1.605	1.605	(0.466)		13501	20.0000	16.7	
9 Chloroethane	64		1.672	1.672	(0.485)		43305	20.0000	18.9	
10 Dichlorofluoromethane	67		1.800	1.800	(0.522)		88509	20.0000	18.9	
11 Trichlorofluoromethane	101		1.806	1.806	(0.524)		77473	20.0000	19.4	
12 Ethanol	45		1.952	1.952	(0.567)		7784	500.000	531	
13 Diethyl ether (Ethyl ether)	59		1.983	1.983	(0.575)		47563	20.0000	18.8	
16 1,1,2-Trichlorotrifluoroethane	101		2.098	2.099	(0.609)		49853	20.0000	19.2	
14 Acrolein	56		2.098	2.099	(0.609)		10592	20.0000	20.0	
15 1,1-Dichloroethene	96		2.129	2.129	(0.618)		44143	20.0000	18.7	
17 Acetone	43		2.190	2.190	(0.636)		21233	20.0000	19.1	
18 Iodomethane	142		2.239	2.233	(0.650)		28604	20.0000	17.4	
19 2-Propanol	45		2.257	2.251	(0.655)		55399	500.000	494 (H)	
20 Carbon disulfide	76		2.263	2.263	(0.657)		135839	20.0000	18.8	
21 Allyl chloride	76		2.348	2.349	(0.682)		31637	20.0000	18.9	
22 Acetonitrile	41		2.391	2.385	(0.694)		31613	100.000	95.9	
23 Methyl acetate	43		2.354	2.355	(0.683)		77444	20.0000	19.9	

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
24 Methylene Chloride	84	2.434	2.434	(0.706)	53317	20.0000	17.8	
25 tert-Butyl Alcohol	59	2.483	2.483	(0.720)	20645	100.000	99.0	
28 Methyl-tert-butyl ether	73	2.543	2.544	(0.738)	168584	20.0000	19.2	
27 trans-1,2-Dichloroethene	96	2.568	2.568	(0.745)	49420	20.0000	18.7	
26 Acrylonitrile	53	2.611	2.611	(0.758)	19149	20.0000	19.7	
30 n-Hexane	57	2.671	2.672	(0.775)	81519	20.0000	18.8	
29 Diisopropyl ether	45	2.806	2.806	(0.814)	184356	20.0000	19.1	
32 Vinyl acetate	43	2.836	2.830	(0.823)	125000	20.0000	19.6 (H)	
31 1,1-Dichloroethane	63	2.830	2.830	(0.821)	99269	20.0000	19.0	
33 Chloroprene	53	2.860	2.861	(0.830)	79764	20.0000	19.2	
34 Ethyl-tert-butyl ether	59	3.013	3.007	(0.874)	188352	20.0000	19.4	
36 2,2-Dichloropropane	77	3.147	3.147	(0.913)	84354	20.0000	18.4	
35 cis-1,2-Dichloroethene	96	3.165	3.166	(0.919)	60148	20.0000	18.9	
39 Ethyl acetate	61	3.165	3.166	(0.919)	94436	20.0000	18.9	
37 2-Butanone (MEK)	43	3.177	3.172	(0.922)	47668	20.0000	19.1	
41 Bromochloromethane	128	3.312	3.312	(0.961)	24559	20.0000	18.5	
42 Tetrahydrofuran	42	3.318	3.312	(0.963)	17640	20.0000	18.8	
43 Chloroform	83	3.336	3.336	(0.968)	97134	20.0000	19.3	
38 Propionitrile	54	3.257	3.251	(0.945)	7156	20.0000	19.1 (H)	
46 Cyclohexane	56	3.427	3.428	(0.995)	118743	20.0000	19.1	
45 1,1,1-Trichloroethane	97	3.434	3.434	(0.884)	86854	20.0000	19.3 (Q)	
* 44 Pentafluorobenzene (IS)	168	3.446	3.452	(1.000)	317019	50.0000	(Q)	
48 Carbon tetrachloride	117	3.507	3.507	(0.903)	65824	20.0000	18.6	
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	78902	20.0000	18.9	
55 2,2,4-Trimethylpentane	57	3.623	3.623	(1.051)	161921	20.0000	19.2	
51 Benzene	78	3.647	3.647	(0.939)	214238	20.0000	19.0	
40 Methacrylonitrile	67	3.318	3.318	(0.963)	21638	20.0000	18.3	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	214290	50.0000	50.3	
56 tert-Amylmethyl ether	73	3.683	3.678	(1.069)	168572	20.0000	18.9	
52 1,2-Dichloroethane	62	3.702	3.702	(1.074)	78081	20.0000	18.9	
57 n-Heptane	43	3.732	3.733	(1.083)	86739	20.0000	19.2	
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	563325	50.0000		
59 Trichloroethene	95	4.037	4.037	(1.039)	56158	20.0000	18.7	
60 Methylcyclohexane	83	4.110	4.111	(1.058)	111365	20.0000	19.6	
49 Isobutanol	43	3.592	3.592	(1.042)	6397	100.000	73.8 (Q)	
53 tert-Amyl Alcohol	59	Compound Not Detected.						(D)
54 tert-Amyl ethyl ether	59	4.135	4.135	(1.200)	145207	20.0000	19.0	
61 1,2-Dichloropropane	63	4.202	4.202	(1.082)	55877	20.0000	18.8	
63 Methyl methacrylate	69	4.238	4.232	(1.091)	38411	20.0000	18.8	
64 1,4-Dioxane (p-Dioxane)	88	4.275	4.269	(1.100)	7730	500.000	518 (Q)	
62 Dibromomethane	93	4.287	4.280	(1.104)	30918	20.0000	18.7	
65 Bromodichloromethane	83	4.366	4.367	(1.124)	73827	20.0000	18.6	
66 2-Nitropropane	43	4.549	4.550	(1.171)	26360	20.0000	18.4 (H)	
67 2-Chloroethylvinyl ether	63	4.549	4.550	(1.171)	18012	20.0000	19.1	
68 cis-1,3-Dichloropropene	75	4.653	4.653	(1.198)	93874	20.0000	19.2	
69 4-Methyl-2-pentanone (MIBK)	43	4.732	4.732	(1.218)	54370	20.0000	19.1	
\$ 70 Toluene-d8 (S)	98	4.799	4.799	(0.827)	690133	50.0000	50.0	
71 Toluene	91	4.842	4.842	(1.246)	245693	20.0000	19.4	
72 Methyl isothiocyanate	73	4.970	4.964	(1.279)	96059	50.0000	49.2	
74 trans-1,3-Dichloropropene	75	5.031	5.031	(1.295)	83039	20.0000	19.1	
75 Ethyl methacrylate	69	5.031	5.031	(1.295)	72790	20.0000	19.4 (QMH)	
76 1,1,2-Trichloroethane	83	5.153	5.153	(1.326)	39866	20.0000	18.7	
77 Tetrachloroethene	166	5.195	5.196	(0.895)	58873	20.0000	18.7	
78 1,3-Dichloropropane	76	5.275	5.275	(0.909)	88987	20.0000	18.8	

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
79 2-Hexanone	43	5.299	5.293	(0.913)	39491	20.0000	19.3	
73 n-Octane	43	4.842	4.842	(1.246)	87358	20.0000	19.9(Q)	
81 n-Butyl acetate	43	5.354	5.348	(1.378)	30097	20.0000	19.6	
80 Dibromochloromethane	129	5.415	5.415	(0.933)	46799	20.0000	19.0	
82 1,2-Dibromoethane (EDB)	107	5.506	5.507	(1.417)	48313	20.0000	19.1	
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	304180	50.0000		
84 Chlorobenzene	112	5.829	5.830	(1.004)	151281	20.0000	19.2	
86 Ethylbenzene	106	5.872	5.872	(1.012)	88644	20.0000	19.0	
85 1,1,1,2-Tetrachloroethane	131	5.884	5.885	(1.014)	48818	20.0000	18.8	
88 n-Nonane	43	5.909	5.909	(1.018)	58783	20.0000	19.0(Q)	
87 m&p-Xylene	106	5.957	5.958	(1.026)	223456	40.0000	39.3	
89 o-Xylene	106	6.250	6.257	(1.077)	106501	20.0000	19.2	
90 Styrene	104	6.274	6.275	(1.081)	173028	20.0000	19.1	
91 Bromoform	173	6.439	6.439	(1.109)	25337	20.0000	18.3	
92 Isopropylbenzene (Cumene)	105	6.512	6.513	(0.863)	282252	20.0000	19.7	
\$ 93 4-Bromofluorobenzene (S)	95	6.671	6.671	(1.149)	264027	50.0000	50.3	
94 Bromobenzene	156	6.780	6.781	(0.898)	58629	20.0000	19.0	
95 1,1,2,2-Tetrachloroethane	83	6.793	6.793	(0.900)	61929	20.0000	19.0	
98 n-Propylbenzene	91	6.817	6.817	(0.903)	332159	20.0000	20.1	
96 1,2,3-Trichloropropane	110	6.835	6.836	(0.905)	20823	20.0000	19.3	
97 trans-1,4-Dichloro-2-butene	53	6.841	6.842	(0.906)	17531	20.0000	18.9	
103 n-Decane	43	6.896	6.897	(1.188)	47669	20.0000	20.8(Q)	
99 2-Chlorotoluene	91	6.908	6.915	(0.915)	219827	20.0000	19.4	
100 4-Ethyltoluene	105	6.908	6.909	(0.915)	283691	20.0000	20.2	
101 1,3,5-Trimethylbenzene	105	6.957	6.958	(0.922)	224660	20.0000	19.4	
102 4-Chlorotoluene	91	7.000	7.000	(0.927)	193366	20.0000	19.0	
104 tert-Butylbenzene	119	7.195	7.195	(0.953)	188398	20.0000	19.4	
105 Pentachloroethane	167	7.250	7.250	(0.960)	29484	20.0000	19.0	
106 1,2,4-Trimethylbenzene	105	7.244	7.244	(0.960)	217450	20.0000	19.6	
107 sec-Butylbenzene	105	7.366	7.366	(0.976)	276250	20.0000	19.6	
109 d-Limonene	136	7.427	7.427	(1.279)	13214	20.0000	19.3	
110 p-Isopropyltoluene	119	7.475	7.476	(0.990)	229949	20.0000	19.9	
108 1,3-Dichlorobenzene	146	7.494	7.494	(0.993)	106853	20.0000	19.1	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.549	7.549	(1.000)	254956	50.0000		
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.002)	108204	20.0000	18.9	
113 1,2,3-Trimethylbenzene	105	7.573	7.579	(1.003)	219144	20.0000	19.4	
114 Benzyl chloride	91	7.677	7.677	(1.017)	110837	20.0000	18.9	
115 trans-Decalin	138	7.768	7.768	(1.029)	45615	20.0000	20.0	
116 1,4-Diethylbenzene	119	7.774	7.774	(1.030)	123583	20.0000	19.7	
117 n-Butylbenzene	91	7.792	7.793	(1.032)	241342	20.0000	19.6	
119 n-Undecane	43	7.817	7.817	(1.036)	33636	20.0000	23.6(Q)	
118 1,2-Dichlorobenzene	146	7.860	7.860	(1.041)	99311	20.0000	18.7	
120 cis-Decalin	138	8.213	8.212	(1.088)	36838	20.0000	19.9	
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.112)	145783	20.0000	19.1	
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	11354	20.0000	19.6	
123 n-Dodecane	43	8.676	8.670	(1.149)	16573	20.0000	22.4(Q)	
124 1,2,4-Trichlorobenzene	180	9.115	9.116	(1.208)	45516	20.0000	18.0	
125 Hexachloro-1,3-butadiene	225	9.213	9.213	(1.220)	20292	20.0000	18.0	
126 Naphthalene	128	9.335	9.335	(1.237)	121495	20.0000	19.2	
127 1,2,3-Trichlorobenzene	180	9.560	9.561	(1.266)	40185	20.0000	18.5	

Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63316.D
Report Date: 09-Dec-2020 18:21

QC Flag Legend

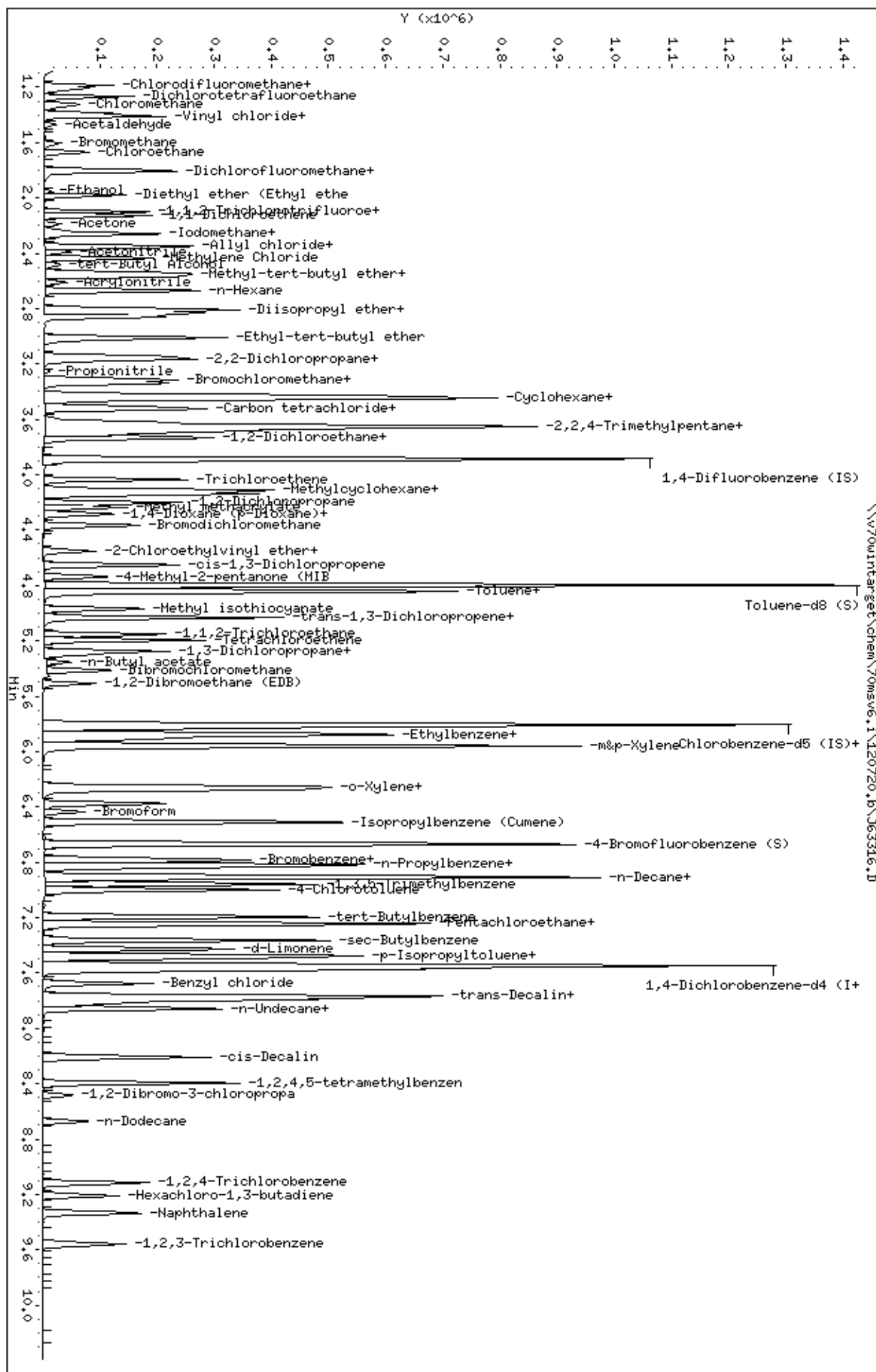
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

Review Codes Legend

:

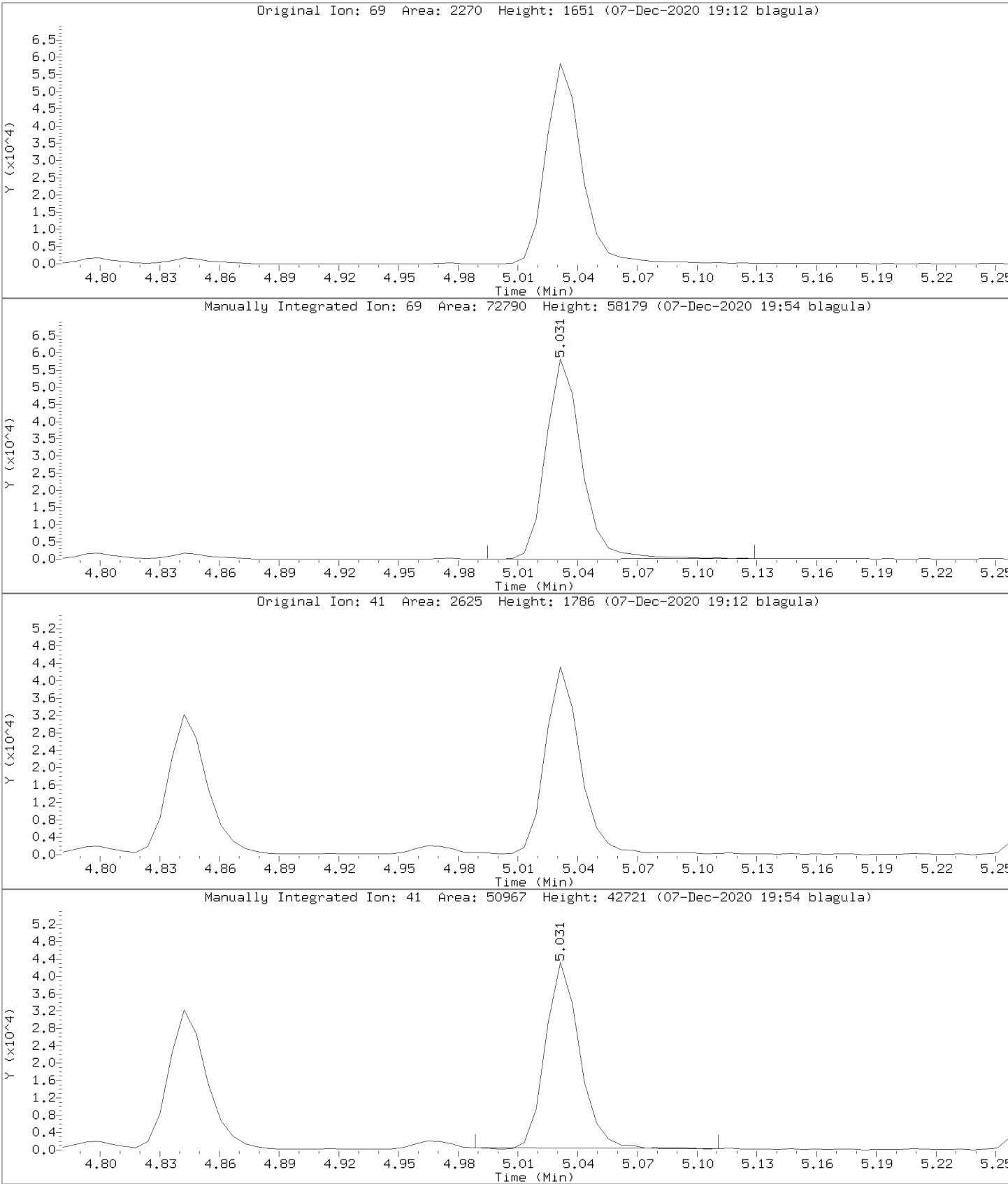
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Date : 07-DEC-2020 16:21
Client ID: CAL5
Sample Info: CAL5, 103033:1
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

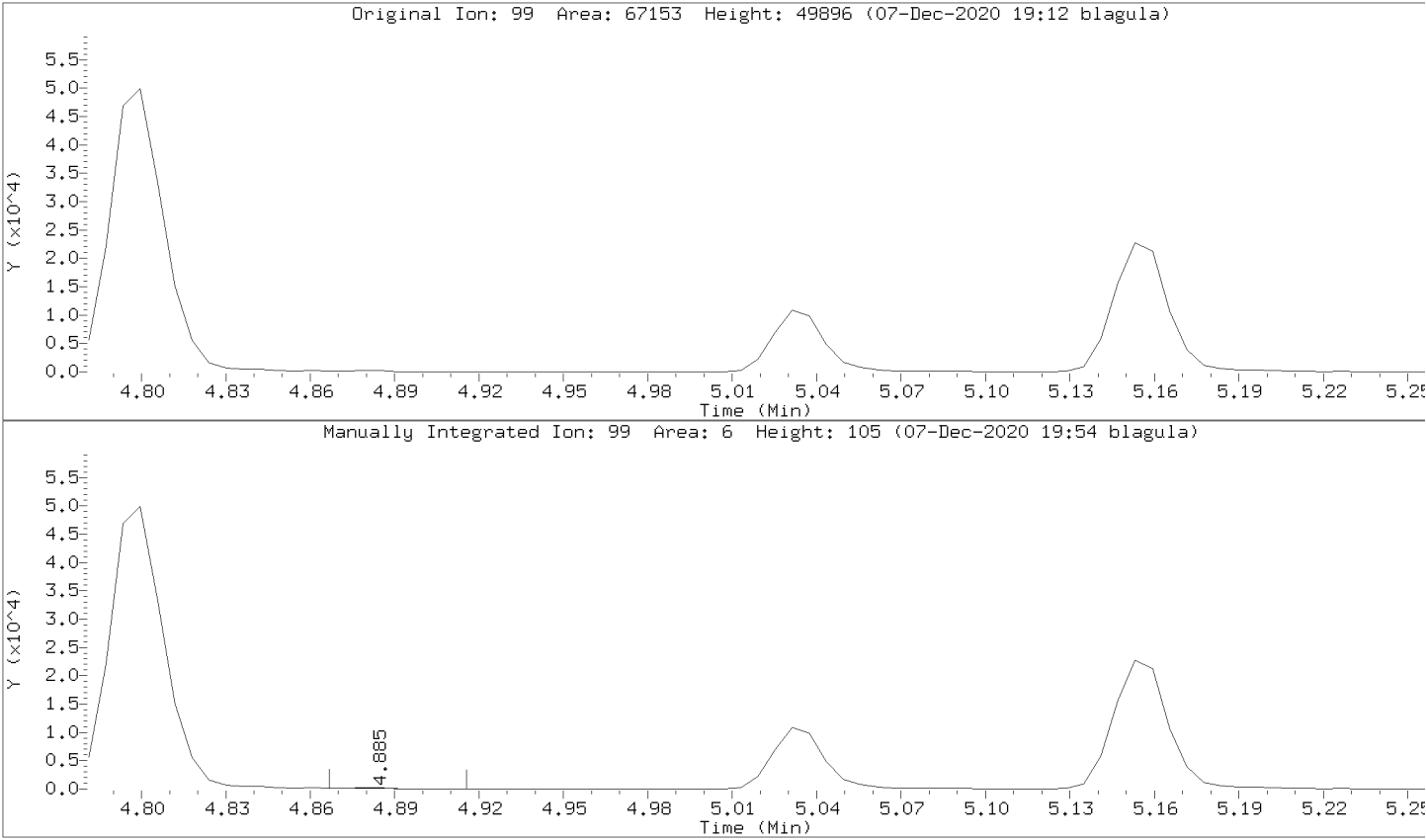


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Injection Date: 07-DEC-2020 16:21
Instrument: 70msv6.i
Lab Sample ID: CAL5

Compound: Ethyl methacrylate Review Code:
CAS Number: 97-63-2



Data File: \\v70wintarget\chem\70msv6.i\120720.b/J63316.D
Injection Date: 07-DEC-2020 16:21
Instrument: 70msv6.i
Lab Sample ID: CAL5



Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\120720.b\J63317.D
Lab Smp Id: CAL6 Client Smp ID: CAL6
Inj Date : 07-DEC-2020 16:42 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : cal6, 103034:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\120720.b\120720_8260W.m
Meth Date : 09-Dec-2020 18:19 blagula Quant Type: ISTD
Cal Date : 07-DEC-2020 16:42 Cal File: J63317.D
Als bottle: 7 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
1 Chlorodifluoromethane	51	1.208	1.209	(0.351)	179581	50.0000	46.5		
2 Dichlorotetrafluoroethane	135	1.269	1.270	(0.368)	79623	50.0000	47.9		
3 Dichlorodifluoromethane	85	1.190	1.190	(0.345)	173306	50.0000	48.8 (Q)		
4 Chloromethane	50	1.324	1.325	(0.384)	165158	50.0000	46.9		
5 Vinyl chloride	62	1.385	1.386	(0.402)	181594	50.0000	48.1		
6 1,3-Butadiene	54	1.409	1.410	(0.409)	133450	50.0000	49.2		
7 Acetaldehyde	44	1.470	1.471	(0.427)	29692	50.0000	44.7		
8 Bromomethane	94	1.604	1.605	(0.466)	50080	50.0000	49.9		
9 Chloroethane	64	1.672	1.672	(0.485)	106147	50.0000	45.9		
10 Dichlorofluoromethane	67	1.800	1.800	(0.522)	221725	50.0000	47.0		
11 Trichlorofluoromethane	101	1.812	1.806	(0.526)	197755	50.0000	49.2		
12 Ethanol	45	1.952	1.952	(0.567)	14279	1250.00	968		
13 Diethyl ether (Ethyl ether)	59	1.982	1.983	(0.575)	116458	50.0000	45.6		
16 1,1,2-Trichlorotrifluoroethane	101	2.098	2.099	(0.609)	122501	50.0000	46.8		
14 Acrolein	56	2.098	2.099	(0.609)	25887	50.0000	43.5		
15 1,1-Dichloroethene	96	2.129	2.129	(0.618)	107804	50.0000	45.3		
17 Acetone	43	2.190	2.190	(0.636)	45623	50.0000	42.0		
18 Iodomethane	142	2.238	2.233	(0.650)	100194	50.0000	65.5		
19 2-Propanol	45	2.257	2.251	(0.655)	105272	1250.00	1080 (H)		
20 Carbon disulfide	76	2.263	2.263	(0.657)	332453	50.0000	45.7		
21 Allyl chloride	76	2.348	2.349	(0.682)	77620	50.0000	46.1		
22 Acetonitrile	41	2.391	2.385	(0.694)	71025	250.000	214		
23 Methyl acetate	43	2.354	2.355	(0.683)	177493	50.0000	45.3		

Compounds	QUANT SIG					AMOUNTS		REVIEW C	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL		
						(ug/L)	(ug/L)		
=====	=====	=====	=====	=====	=====	=====	=====	=====	
24 Methylene Chloride	84	2.434	2.434	(0.706)	129374	50.0000	42.8		
25 tert-Butyl Alcohol	59	2.482	2.483	(0.720)	41651	250.000	198		
28 Methyl-tert-butyl ether	73	2.543	2.544	(0.738)	413022	50.0000	46.6		
27 trans-1,2-Dichloroethene	96	2.568	2.568	(0.745)	122241	50.0000	46.0		
26 Acrylonitrile	53	2.610	2.611	(0.758)	43928	50.0000	44.9		
30 n-Hexane	57	2.671	2.672	(0.775)	184967	50.0000	42.3		
29 Diisopropyl ether	45	2.805	2.806	(0.814)	448845	50.0000	46.2		
32 Vinyl acetate	43	2.836	2.830	(0.823)	292825	50.0000	50.1 (H)		
31 1,1-Dichloroethane	63	2.830	2.830	(0.821)	241853	50.0000	46.0		
33 Chloroprene	53	2.860	2.861	(0.830)	196658	50.0000	47.1		
34 Ethyl-tert-butyl ether	59	3.013	3.007	(0.874)	455922	50.0000	46.7		
36 2,2-Dichloropropane	77	3.147	3.147	(0.913)	208952	50.0000	45.1		
35 cis-1,2-Dichloroethene	96	3.165	3.166	(0.919)	146693	50.0000	45.7		
39 Ethyl acetate	61	3.165	3.166	(0.919)	230655	50.0000	45.9		
37 2-Butanone (MEK)	43	3.171	3.172	(0.920)	113236	50.0000	45.0		
41 Bromochloromethane	128	3.311	3.312	(0.961)	61077	50.0000	45.7		
42 Tetrahydrofuran	42	3.311	3.312	(0.961)	41725	50.0000	44.2		
43 Chloroform	83	3.336	3.336	(0.968)	233727	50.0000	46.0		
38 Propionitrile	54	3.250	3.251	(0.943)	16543	50.0000	43.9 (H)		
46 Cyclohexane	56	3.427	3.428	(0.995)	274305	50.0000	43.8		
45 1,1,1-Trichloroethane	97	3.433	3.434	(0.884)	214496	50.0000	47.4		
* 44 Pentafluorobenzene (IS)	168	3.446	3.452	(1.000)	319367	50.0000			
48 Carbon tetrachloride	117	3.507	3.507	(0.903)	165421	50.0000	46.5		
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	196696	50.0000	46.9		
55 2,2,4-Trimethylpentane	57	3.622	3.623	(1.051)	310705	50.0000	36.6		
51 Benzene	78	3.647	3.647	(0.939)	520297	50.0000	45.9		
40 Methacrylonitrile	67	3.318	3.318	(0.963)	55503	50.0000	46.6		
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	208850	50.0000	48.8		
56 tert-Amylmethyl ether	73	3.677	3.678	(1.067)	416476	50.0000	46.4		
52 1,2-Dichloroethane	62	3.702	3.702	(1.074)	189338	50.0000	45.5		
57 n-Heptane	43	3.732	3.733	(1.083)	167513	50.0000	36.7		
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	565385	50.0000			
59 Trichloroethene	95	4.037	4.037	(1.039)	138001	50.0000	45.8		
60 Methylcyclohexane	83	4.110	4.111	(1.058)	245061	50.0000	42.9		
49 Isobutanol	43	3.592	3.592	(1.042)	18407	250.000	211		
53 tert-Amyl Alcohol	59	Compound Not Detected.							(D)
54 tert-Amyl ethyl ether	59	4.134	4.135	(1.200)	359114	50.0000	46.6		
61 1,2-Dichloropropane	63	4.202	4.202	(1.082)	140363	50.0000	47.1		
63 Methyl methacrylate	69	4.232	4.232	(1.089)	98823	50.0000	48.2		
64 1,4-Dioxane (p-Dioxane)	88	4.275	4.269	(1.100)	14947	1250.00	998		
62 Dibromomethane	93	4.281	4.280	(1.102)	77816	50.0000	47.0		
65 Bromodichloromethane	83	4.366	4.367	(1.124)	185869	50.0000	46.7		
66 2-Nitropropane	43	4.549	4.550	(1.171)	68952	50.0000	42.0 (H)		
67 2-Chloroethylvinyl ether	63	4.549	4.550	(1.171)	46629	50.0000	49.4		
68 cis-1,3-Dichloropropene	75	4.653	4.653	(1.198)	234588	50.0000	47.7		
69 4-Methyl-2-pentanone (MIBK)	43	4.732	4.732	(1.218)	133248	50.0000	46.7		
\$ 70 Toluene-d8 (S)	98	4.799	4.799	(0.827)	693141	50.0000	50.2		
71 Toluene	91	4.842	4.842	(1.246)	594608	50.0000	46.7		
72 Methyl isothiocyanate	73	4.964	4.964	(1.278)	245495	125.000	125		
74 trans-1,3-Dichloropropene	75	5.031	5.031	(1.295)	212706	50.0000	48.7		
75 Ethyl methacrylate	69	5.031	5.031	(1.295)	184759	50.0000	49.0 (MH)	NI	
76 1,1,2-Trichloroethane	83	5.153	5.153	(1.326)	100344	50.0000	46.9		
77 Tetrachloroethene	166	5.195	5.196	(0.895)	148601	50.0000	47.4		
78 1,3-Dichloropropane	76	5.274	5.275	(0.909)	220657	50.0000	46.8		

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
79 2-Hexanone	43	5.293	5.293	(0.912)	98132	50.0000	47.9	
73 n-Octane	43	4.842	4.842	(1.246)	147168	50.0000	33.4 (Q)	
81 n-Butyl acetate	43	5.348	5.348	(1.377)	72029	50.0000	46.8	
80 Dibromochloromethane	129	5.415	5.415	(0.933)	121238	50.0000	49.2	
82 1,2-Dibromoethane (EDB)	107	5.506	5.507	(1.417)	125775	50.0000	49.5	
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	303895	50.0000		
84 Chlorobenzene	112	5.829	5.830	(1.004)	366845	50.0000	46.5	
86 Ethylbenzene	106	5.872	5.872	(1.012)	210262	50.0000	45.2	
85 1,1,1,2-Tetrachloroethane	131	5.884	5.885	(1.014)	123626	50.0000	47.7	
88 n-Nonane	43	5.909	5.909	(1.018)	118620	50.0000	38.3 (Q)	
87 m&p-Xylene	106	5.957	5.958	(1.026)	517191	100.000	91.1	
89 o-Xylene	106	6.256	6.257	(1.078)	253270	50.0000	45.7	
90 Styrene	104	6.274	6.275	(1.081)	425638	50.0000	47.0	
91 Bromoform	173	6.439	6.439	(1.109)	69884	50.0000	50.6	
92 Isopropylbenzene (Cumene)	105	6.512	6.513	(0.863)	637742	50.0000	44.3	
\$ 93 4-Bromofluorobenzene (S)	95	6.671	6.671	(1.149)	263963	50.0000	50.3	
94 Bromobenzene	156	6.780	6.781	(0.898)	143377	50.0000	46.3	
95 1,1,2,2-Tetrachloroethane	83	6.792	6.793	(0.900)	155306	50.0000	47.2	
98 n-Propylbenzene	91	6.817	6.817	(0.903)	730126	50.0000	43.9	
96 1,2,3-Trichloropropane	110	6.835	6.836	(0.905)	51288	50.0000	47.2	
97 trans-1,4-Dichloro-2-butene	53	6.841	6.842	(0.906)	46213	50.0000	49.6	
103 n-Decane	43	6.896	6.897	(1.188)	112316	50.0000	49.2 (Q)	
99 2-Chlorotoluene	91	6.914	6.915	(0.916)	505235	50.0000	44.4	
100 4-Ethyltoluene	105	6.908	6.909	(0.915)	628312	50.0000	44.4	
101 1,3,5-Trimethylbenzene	105	6.957	6.958	(0.922)	502562	50.0000	43.2	
102 4-Chlorotoluene	91	7.000	7.000	(0.927)	456748	50.0000	44.7	
104 tert-Butylbenzene	119	7.195	7.195	(0.953)	414748	50.0000	42.4	
105 Pentachloroethane	167	7.250	7.250	(0.960)	69350	50.0000	44.4	
106 1,2,4-Trimethylbenzene	105	7.244	7.244	(0.960)	495298	50.0000	44.5	
107 sec-Butylbenzene	105	7.366	7.366	(0.976)	584027	50.0000	41.2	
109 d-Limonene	136	7.427	7.427	(1.279)	26338	50.0000	38.4	
110 p-Isopropyltoluene	119	7.475	7.476	(0.990)	487634	50.0000	41.9	
108 1,3-Dichlorobenzene	146	7.494	7.494	(0.993)	255254	50.0000	45.4	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.548	7.549	(1.000)	256546	50.0000		
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.002)	260692	50.0000	45.3	
113 1,2,3-Trimethylbenzene	105	7.579	7.579	(1.004)	521309	50.0000	45.9	
114 Benzyl chloride	91	7.676	7.677	(1.017)	294396	50.0000	50.0	
115 trans-Decalin	138	7.768	7.768	(1.029)	82336	50.0000	35.8	
116 1,4-Diethylbenzene	119	7.774	7.774	(1.030)	263011	50.0000	41.6	
117 n-Butylbenzene	91	7.792	7.793	(1.032)	492185	50.0000	39.8	
119 n-Undecane	43	7.817	7.817	(1.036)	69719	50.0000	48.5 (Q)	
118 1,2-Dichlorobenzene	146	7.859	7.860	(1.041)	245728	50.0000	46.0	
120 cis-Decalin	138	8.213	8.212	(1.088)	66616	50.0000	35.7	
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.112)	340377	50.0000	44.4	
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	28716	50.0000	49.3	
123 n-Dodecane	43	8.676	8.670	(1.149)	27211	50.0000	36.6 (Q)	
124 1,2,4-Trichlorobenzene	180	9.115	9.116	(1.208)	117598	50.0000	46.3	
125 Hexachloro-1,3-butadiene	225	9.213	9.213	(1.220)	42445	50.0000	37.4	
126 Naphthalene	128	9.335	9.335	(1.237)	305742	50.0000	48.0	
127 1,2,3-Trichlorobenzene	180	9.560	9.561	(1.267)	99455	50.0000	45.5	

Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63317.D
Report Date: 09-Dec-2020 18:21

QC Flag Legend

Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

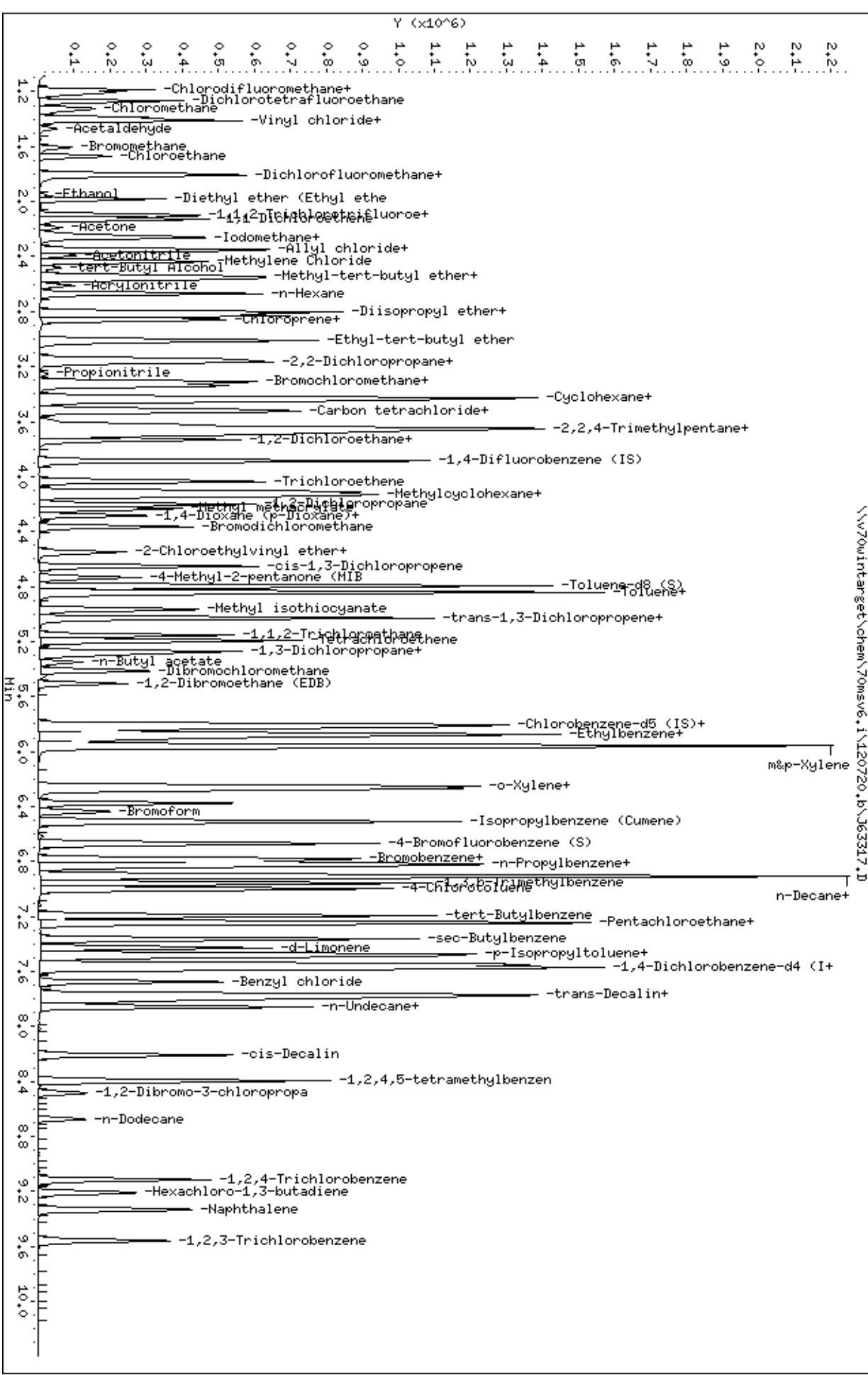
Review Codes Legend

:

NI: Indicates that the peak was not integrated at all by the computer software.

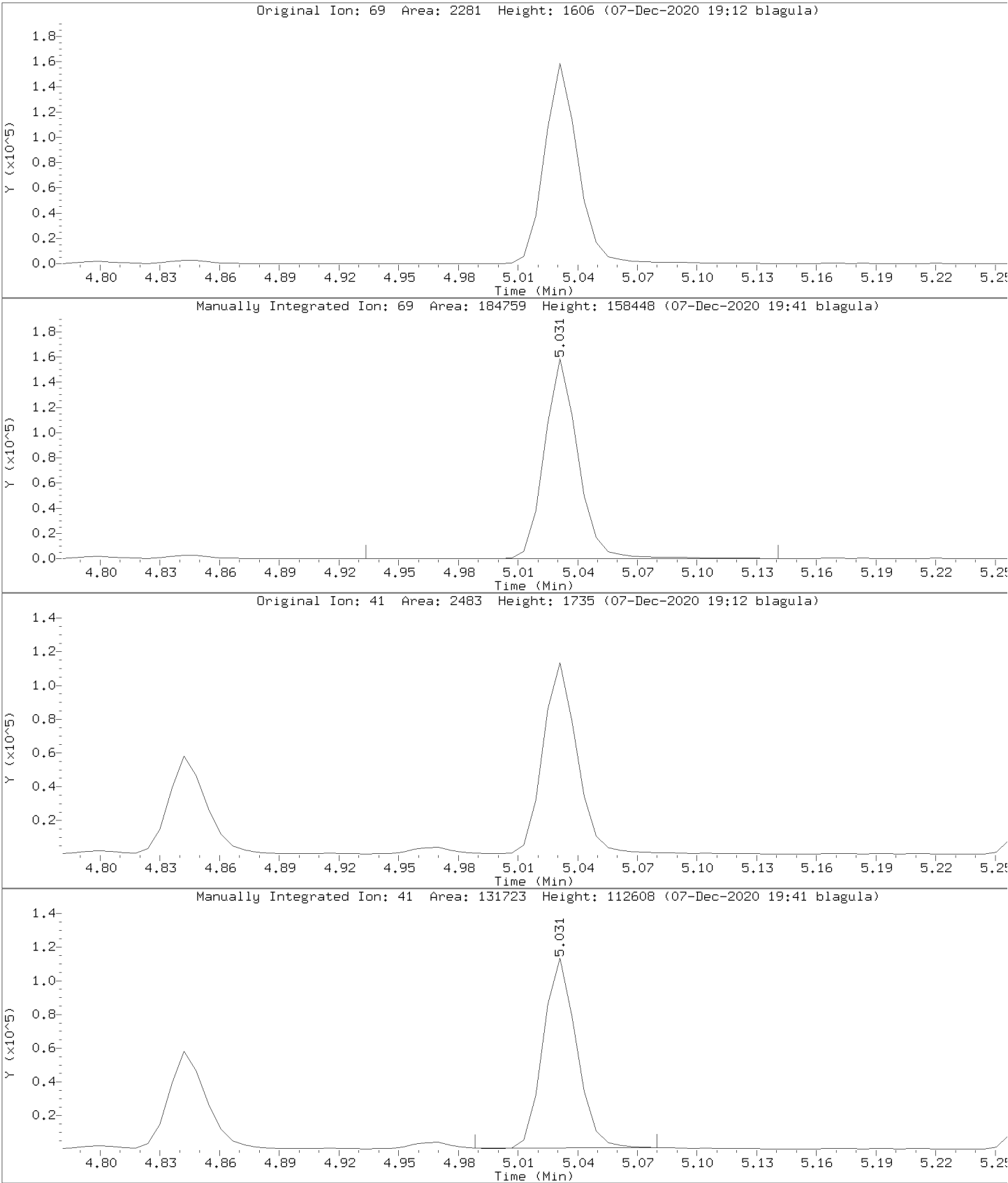
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Date : 07-DEC-2020 16:42
Client ID: CAL6
Sample Info: CAL6, 103034:1
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

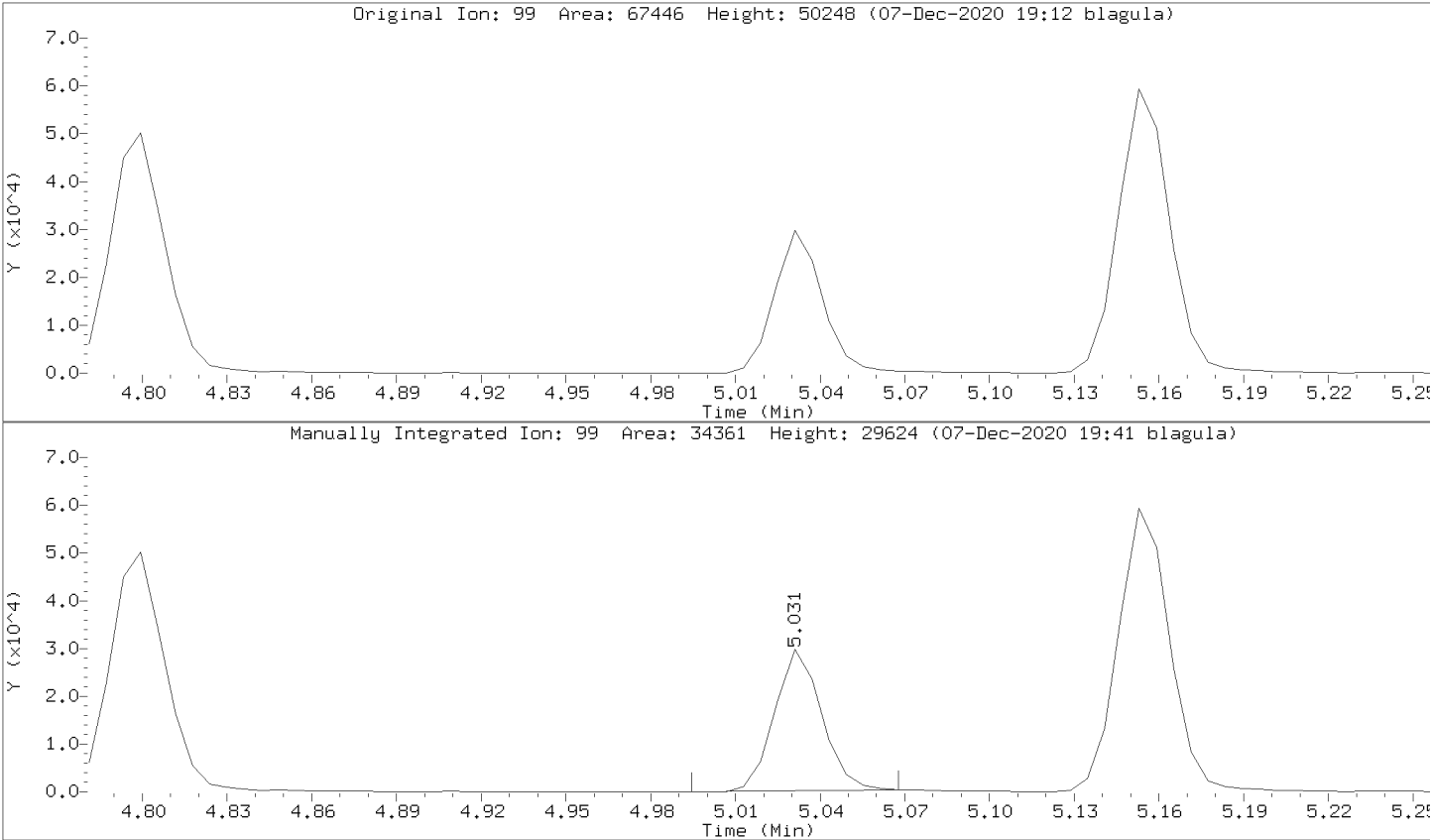


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Injection Date: 07-DEC-2020 16:42
Instrument: 70msv6.i
Lab Sample ID: CAL6

Compound: Ethyl methacrylate Review Code: NI
CAS Number: 97-63-2



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Injection Date: 07-DEC-2020 16:42
Instrument: 70msv6.i
Lab Sample ID: CAL6



Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\120720.b\J63318.D
Lab Smp Id: CAL7 Client Smp ID: CAL7
Inj Date : 07-DEC-2020 17:03 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : cal7, 103035:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\120720.b\120720_8260W.m
Meth Date : 09-Dec-2020 18:19 blagula Quant Type: ISTD
Cal Date : 07-DEC-2020 17:03 Cal File: J63318.D
Als bottle: 8 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
1 Chlorodifluoromethane	51	1.208	1.209	(0.351)	371871	100.000	93.5		
2 Dichlorotetrafluoroethane	135	1.269	1.270	(0.368)	164485	100.000	96.1		
3 Dichlorodifluoromethane	85	1.190	1.190	(0.345)	342272	100.000	93.6 (Q)		
4 Chloromethane	50	1.324	1.325	(0.384)	352100	100.000	97.2		
5 Vinyl chloride	62	1.385	1.386	(0.402)	371774	100.000	95.7		
6 1,3-Butadiene	54	1.410	1.410	(0.409)	269037	100.000	96.3		
7 Acetaldehyde	44	1.471	1.471	(0.427)	65110	100.000	95.1		
8 Bromomethane	94	1.605	1.605	(0.466)	138664	100.000	102		
9 Chloroethane	64	1.672	1.672	(0.485)	224431	100.000	94.3		
10 Dichlorofluoromethane	67	1.800	1.800	(0.522)	469840	100.000	96.7		
11 Trichlorofluoromethane	101	1.806	1.806	(0.524)	391664	100.000	94.5		
12 Ethanol	45	1.952	1.952	(0.567)	38867	2500.00	2560		
13 Diethyl ether (Ethyl ether)	59	1.983	1.983	(0.575)	261878	100.000	99.6		
16 1,1,2-Trichlorotrifluoroethane	101	2.098	2.099	(0.609)	250897	100.000	93.1		
14 Acrolein	56	2.098	2.099	(0.609)	54925	100.000	98.5		
15 1,1-Dichloroethene	96	2.129	2.129	(0.618)	225618	100.000	92.1		
17 Acetone	43	2.190	2.190	(0.636)	91382	100.000	113		
18 Iodomethane	142	2.233	2.233	(0.648)	230334	100.000	93.2		
19 2-Propanol	45	2.251	2.251	(0.653)	281132	2500.00	2420 (H)		
20 Carbon disulfide	76	2.263	2.263	(0.657)	735330	100.000	98.2		
21 Allyl chloride	76	2.348	2.349	(0.682)	173003	100.000	99.8		
22 Acetonitrile	41	2.391	2.385	(0.694)	160813	500.000	470		
23 Methyl acetate	43	2.354	2.355	(0.683)	407724	100.000	101		

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
24 Methylene Chloride	84	2.434	2.434	(0.706)	283833	100.000	91.3	
25 tert-Butyl Alcohol	59	2.483	2.483	(0.721)	107306	500.000	496	
28 Methyl-tert-butyl ether	73	2.543	2.544	(0.738)	925422	100.000	101	
27 trans-1,2-Dichloroethene	96	2.568	2.568	(0.745)	265625	100.000	97.1	
26 Acrylonitrile	53	2.611	2.611	(0.758)	100473	100.000	99.8	
30 n-Hexane	57	2.672	2.672	(0.775)	444077	100.000	98.6	
29 Diisopropyl ether	45	2.806	2.806	(0.814)	983964	100.000	98.3	
32 Vinyl acetate	43	2.830	2.830	(0.821)	698943	100.000	116 (H)	
31 1,1-Dichloroethane	63	2.830	2.830	(0.821)	524625	100.000	97.0	
33 Chloroprene	53	2.860	2.861	(0.830)	421952	100.000	98.1	
34 Ethyl-tert-butyl ether	59	3.007	3.007	(0.873)	1010853	100.000	100	
36 2,2-Dichloropropane	77	3.147	3.147	(0.913)	465472	100.000	97.6	
35 cis-1,2-Dichloroethene	96	3.165	3.166	(0.919)	331969	100.000	100	
39 Ethyl acetate	61	3.165	3.166	(0.919)	507141	100.000	98.0	
37 2-Butanone (MEK)	43	3.171	3.172	(0.920)	241898	100.000	93.4	
41 Bromochloromethane	128	3.312	3.312	(0.961)	135281	100.000	98.3	
42 Tetrahydrofuran	42	3.312	3.312	(0.961)	95837	100.000	98.6	
43 Chloroform	83	3.336	3.336	(0.968)	513864	100.000	98.2	
38 Propionitrile	54	3.251	3.251	(0.943)	36743	100.000	94.7 (H)	
46 Cyclohexane	56	3.427	3.428	(0.995)	579405	100.000	89.9	
45 1,1,1-Trichloroethane	97	3.434	3.434	(0.884)	453145	100.000	96.1 (Q)	
* 44 Pentafluorobenzene (IS)	168	3.446	3.452	(1.000)	328835	50.0000	(Q)	
48 Carbon tetrachloride	117	3.507	3.507	(0.903)	360536	100.000	97.2	
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	419924	100.000	96.0	
55 2,2,4-Trimethylpentane	57	3.623	3.623	(1.051)	940846	100.000	108	
51 Benzene	78	3.647	3.647	(0.939)	1134975	100.000	96.0	
40 Methacrylonitrile	67	3.318	3.318	(0.963)	127677	100.000	104	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	217842	50.0000	48.8	
56 tert-Amylmethyl ether	73	3.677	3.678	(1.067)	937090	100.000	101	
52 1,2-Dichloroethane	62	3.702	3.702	(1.074)	433287	100.000	101	
57 n-Heptane	43	3.732	3.733	(1.083)	504080	100.000	107	
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	589437	50.0000		
59 Trichloroethene	95	4.037	4.037	(1.039)	305840	100.000	97.3	
60 Methylcyclohexane	83	4.110	4.111	(1.058)	596840	100.000	100	
49 Isobutanol	43	3.592	3.592	(1.042)	50521	500.000	562	
53 tert-Amyl Alcohol	59	4.135	4.135	(1.200)	786121	100.000	(Q)	
54 tert-Amyl ethyl ether	59	4.135	4.135	(1.200)	786121	100.000	99.2	
61 1,2-Dichloropropane	63	4.202	4.202	(1.082)	309961	100.000	99.8	
63 Methyl methacrylate	69	4.232	4.232	(1.089)	225685	100.000	106	
64 1,4-Dioxane (p-Dioxane)	88	4.269	4.269	(1.099)	42261	2500.00	2710	
62 Dibromomethane	93	4.281	4.280	(1.102)	180957	100.000	105	
65 Bromodichloromethane	83	4.366	4.367	(1.124)	427946	100.000	103	
66 2-Nitropropane	43	4.549	4.550	(1.171)	174743	100.000	102 (H)	
67 2-Chloroethylvinyl ether	63	4.549	4.550	(1.171)	118132	100.000	120	
68 cis-1,3-Dichloropropene	75	4.653	4.653	(1.198)	530424	100.000	103	
69 4-Methyl-2-pentanone (MIBK)	43	4.732	4.732	(1.218)	305155	100.000	103	
\$ 70 Toluene-d8 (S)	98	4.799	4.799	(0.827)	715520	50.0000	50.1	
71 Toluene	91	4.842	4.842	(1.246)	1295481	100.000	97.6	
72 Methyl isothiocyanate	73	4.964	4.964	(1.278)	571359	250.000	280 (A)	
74 trans-1,3-Dichloropropene	75	5.031	5.031	(1.295)	488148	100.000	107	
75 Ethyl methacrylate	69	5.031	5.031	(1.295)	419558	100.000	107 (M)	NI
76 1,1,2-Trichloroethane	83	5.153	5.153	(1.326)	230216	100.000	103	
77 Tetrachloroethene	166	5.195	5.196	(0.895)	308340	100.000	95.1	
78 1,3-Dichloropropane	76	5.275	5.275	(0.909)	504755	100.000	103	

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
79 2-Hexanone	43	5.293	5.293	(0.912)	216238	100.000	102	
73 n-Octane	43	4.842	4.842	(1.246)	513012	100.000	112 (Q)	
81 n-Butyl acetate	43	5.348	5.348	(1.377)	164824	100.000	103	
80 Dibromochloromethane	129	5.415	5.415	(0.933)	287297	100.000	113	
82 1,2-Dibromoethane (EDB)	107	5.506	5.507	(1.417)	288543	100.000	109	
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	314183	50.0000		
84 Chlorobenzene	112	5.829	5.830	(1.004)	830854	100.000	102	
86 Ethylbenzene	106	5.872	5.872	(1.012)	488714	100.000	102	
85 1,1,1,2-Tetrachloroethane	131	5.884	5.885	(1.014)	286227	100.000	107	
88 n-Nonane	43	5.909	5.909	(1.018)	377555	100.000	118 (Q)	
87 m&p-Xylene	106	5.957	5.958	(1.026)	1198235	200.000	204	
89 o-Xylene	106	6.250	6.257	(1.077)	586922	100.000	102	
90 Styrene	104	6.274	6.275	(1.081)	994158	100.000	106	
91 Bromoform	173	6.433	6.439	(1.108)	171417	100.000	120	
92 Isopropylbenzene (Cumene)	105	6.512	6.513	(0.863)	1532154	100.000	98.1	
\$ 93 4-Bromofluorobenzene (S)	95	6.671	6.671	(1.149)	275149	50.0000	50.7	
94 Bromobenzene	156	6.780	6.781	(0.898)	345589	100.000	103	
95 1,1,2,2-Tetrachloroethane	83	6.793	6.793	(0.900)	358587	100.000	100	
98 n-Propylbenzene	91	6.817	6.817	(0.903)	1851465	100.000	103	
96 1,2,3-Trichloropropane	110	6.835	6.836	(0.905)	119837	100.000	102	
97 trans-1,4-Dichloro-2-butene	53	6.841	6.842	(0.906)	114766	100.000	114	
103 n-Decane	43	6.896	6.897	(1.188)	262014	100.000	111 (Q)	
99 2-Chlorotoluene	91	6.915	6.915	(0.916)	1251488	100.000	101	
100 4-Ethyltoluene	105	6.908	6.909	(0.915)	1576660	100.000	103	
101 1,3,5-Trimethylbenzene	105	6.957	6.958	(0.922)	1300240	100.000	103	
102 4-Chlorotoluene	91	7.000	7.000	(0.927)	1150745	100.000	104	
104 tert-Butylbenzene	119	7.195	7.195	(0.953)	1108329	100.000	104	
105 Pentachloroethane	167	7.250	7.250	(0.960)	197095	100.000	116	
106 1,2,4-Trimethylbenzene	105	7.244	7.244	(0.960)	1269796	100.000	105	
107 sec-Butylbenzene	105	7.366	7.366	(0.976)	1663113	100.000	108	
109 d-Limonene	136	7.427	7.427	(1.279)	88772	100.000	125	
110 p-Isopropyltoluene	119	7.475	7.476	(0.990)	1403600	100.000	111	
108 1,3-Dichlorobenzene	146	7.494	7.494	(0.993)	669601	100.000	110	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.549	7.549	(1.000)	278329	50.0000		
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.002)	673216	100.000	108	
113 1,2,3-Trimethylbenzene	105	7.579	7.579	(1.004)	1308118	100.000	106	
114 Benzyl chloride	91	7.677	7.677	(1.017)	762265	100.000	119	
115 trans-Decalin	138	7.768	7.768	(1.029)	287938	100.000	115	
116 1,4-Diethylbenzene	119	7.774	7.774	(1.030)	798065	100.000	116	
117 n-Butylbenzene	91	7.792	7.793	(1.032)	1559696	100.000	116	
119 n-Undecane	43	7.817	7.817	(1.036)	136373	100.000	87.5 (Q)	
118 1,2-Dichlorobenzene	146	7.860	7.860	(1.041)	635383	100.000	110	
120 cis-Decalin	138	8.213	8.212	(1.088)	237811	100.000	117	
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.112)	964289	100.000	116	
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	70741	100.000	112	
123 n-Dodecane	43	8.670	8.670	(1.149)	48819	100.000	60.5 (Q)	
124 1,2,4-Trichlorobenzene	180	9.115	9.116	(1.208)	340142	100.000	123	
125 Hexachloro-1,3-butadiene	225	9.213	9.213	(1.220)	154352	100.000	125	
126 Naphthalene	128	9.329	9.335	(1.236)	768515	100.000	111	
127 1,2,3-Trichlorobenzene	180	9.560	9.561	(1.266)	281998	100.000	119	

Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63318.D
Report Date: 09-Dec-2020 18:21

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

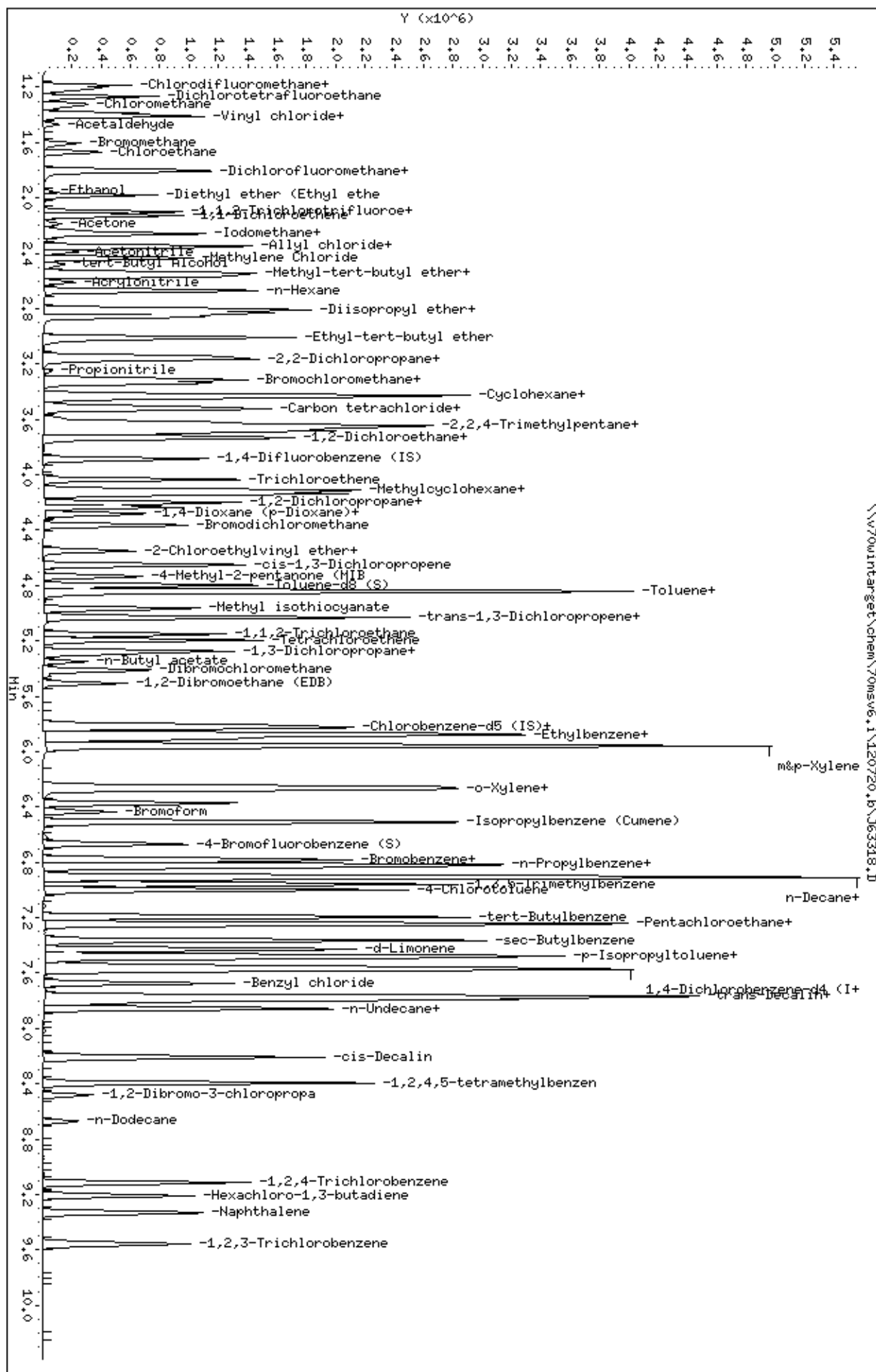
Review Codes Legend

:

NI: Indicates that the peak was not integrated at all by the
computer software.

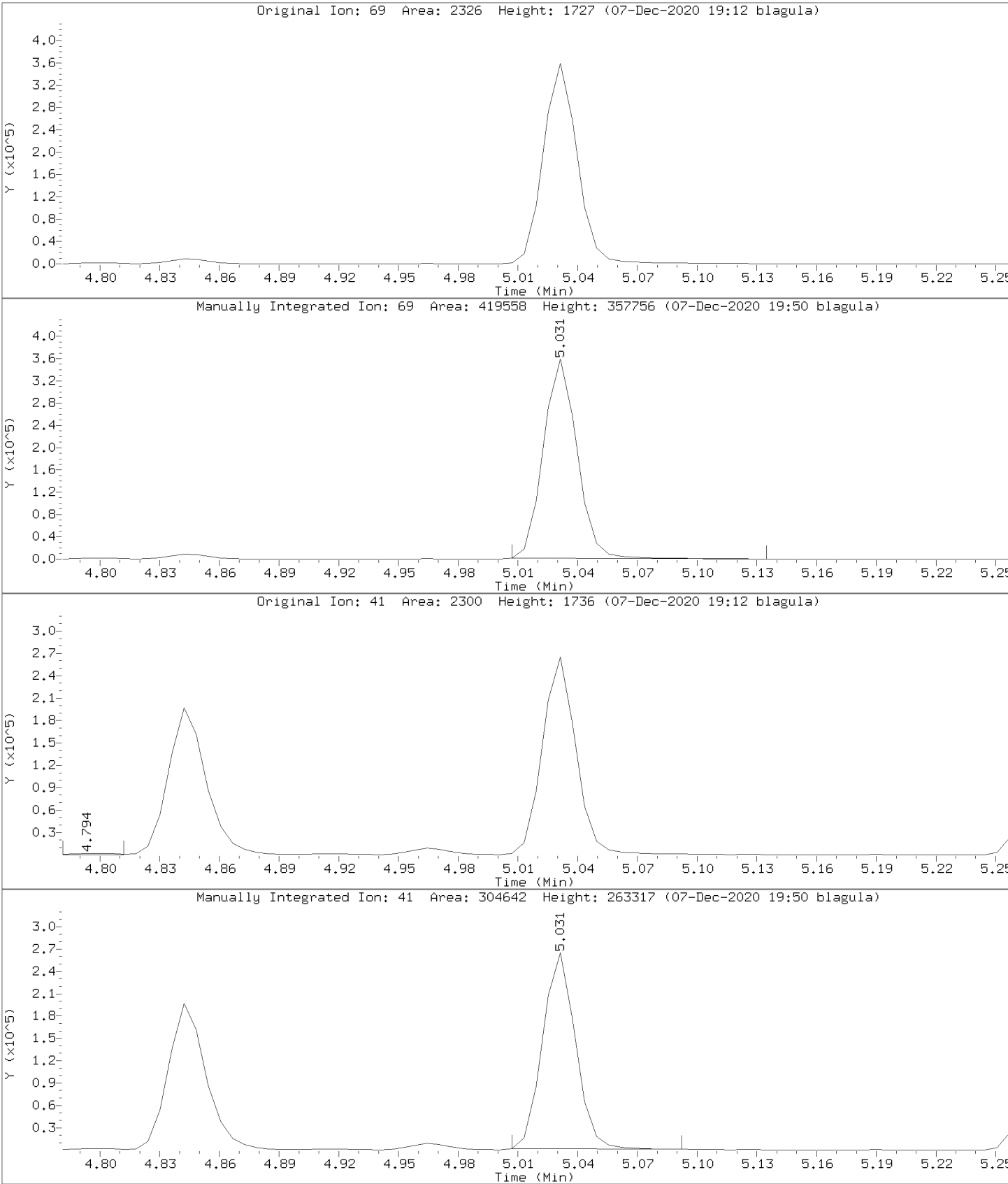
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 Date : 07-DEC-2020 17:03
 Client ID: CAL7
 Sample Info: CAL7, 103035;1
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv6.i
 Operator: BBL
 Column diameter: 0.18

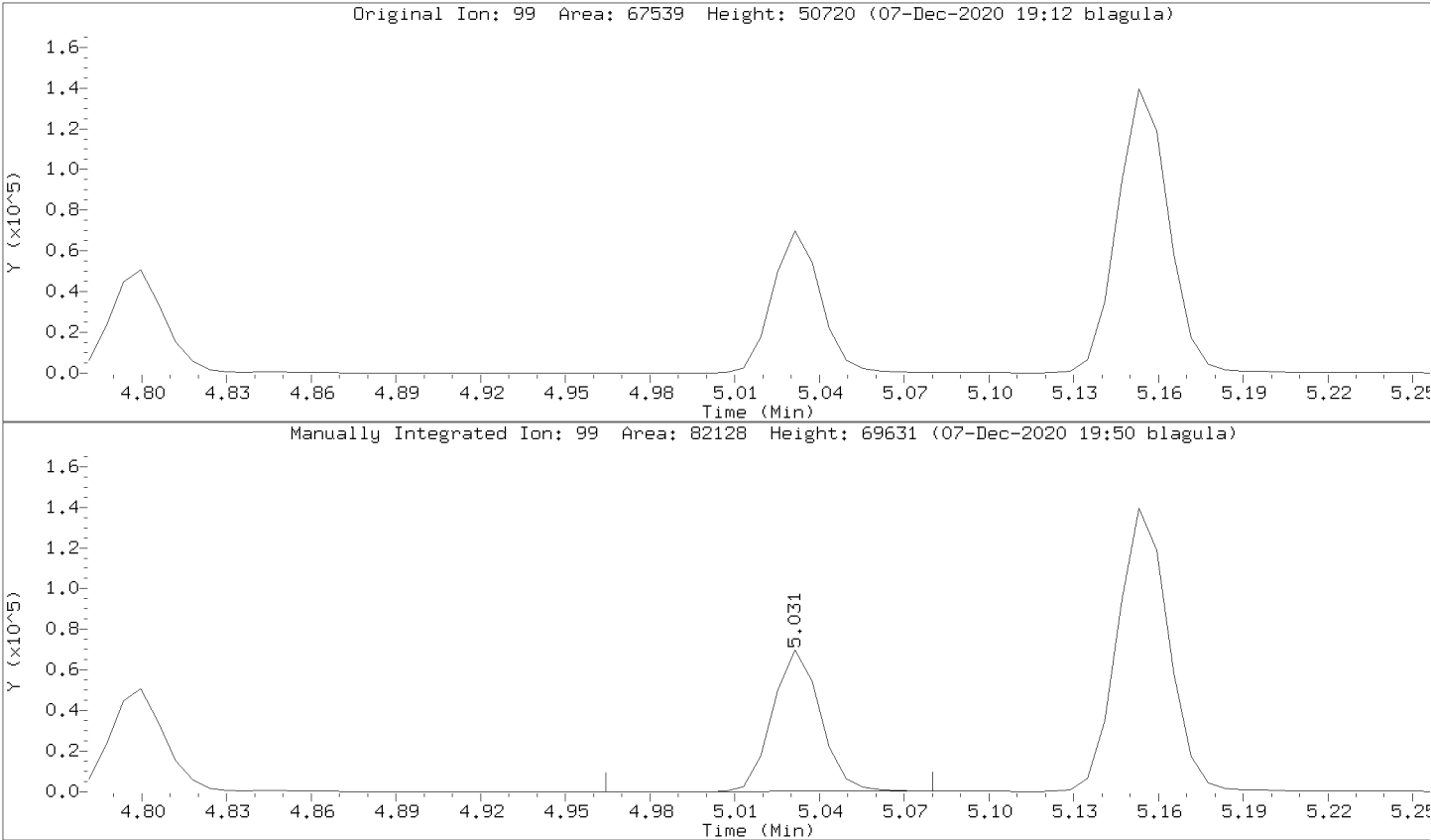


Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63318.D
Injection Date: 07-DEC-2020 17:03
Instrument: 70msv6.i
Lab Sample ID: CAL7

Compound: Ethyl methacrylate Review Code: NI
CAS Number: 97-63-2



Data File: \\v70wintarget\chem\70msv6.i\120720.b/J63318.D
Injection Date: 07-DEC-2020 17:03
Instrument: 70msv6.i
Lab Sample ID: CAL7



Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\120720.b\J63319.D
Lab Smp Id: CAL8 Client Smp ID: CAL8
Inj Date : 07-DEC-2020 17:24 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : cal8, 103036:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\120720.b\120720_8260W.m
Meth Date : 09-Dec-2020 18:19 blagula Quant Type: ISTD
Cal Date : 07-DEC-2020 17:24 Cal File: J63319.D
Als bottle: 9 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
1 Chlorodifluoromethane	51	1.208	1.209	(0.351)	786120	200.000	200		
2 Dichlorotetrafluoroethane	135	1.269	1.270	(0.368)	354987	200.000	210 (A)		
3 Dichlorodifluoromethane	85	1.190	1.190	(0.345)	744096	200.000	206 (AQ)		
4 Chloromethane	50	1.324	1.325	(0.384)	750642	200.000	209 (A)		
5 Vinyl chloride	62	1.385	1.386	(0.402)	795276	200.000	207 (A)		
6 1,3-Butadiene	54	1.409	1.410	(0.409)	586625	200.000	212 (A)		
7 Acetaldehyde	44	1.470	1.471	(0.427)	130144	200.000	192		
8 Bromomethane	94	1.605	1.605	(0.466)	362204	200.000	200		
9 Chloroethane	64	1.672	1.672	(0.485)	476891	200.000	203 (A)		
10 Dichlorofluoromethane	67	1.800	1.800	(0.522)	978064	200.000	204 (A)		
11 Trichlorofluoromethane	101	1.806	1.806	(0.524)	856479	200.000	209 (A)		
12 Ethanol	45	1.952	1.952	(0.567)	83458	5000.00	5550 (A)		
13 Diethyl ether (Ethyl ether)	59	1.982	1.983	(0.575)	556051	200.000	214 (A)		
16 1,1,2-Trichlorotrifluoroethane	101	2.098	2.099	(0.609)	543266	200.000	204 (A)		
14 Acrolein	56	2.098	2.099	(0.609)	111177	200.000	201 (A)		
15 1,1-Dichloroethene	96	2.129	2.129	(0.618)	487555	200.000	201 (A)		
17 Acetone	43	2.190	2.190	(0.636)	148924	200.000	193		
18 Iodomethane	142	2.232	2.233	(0.648)	519587	200.000	205 (A)		
19 2-Propanol	45	2.251	2.251	(0.653)	595587	5000.00	5170 (AH)		
20 Carbon disulfide	76	2.263	2.263	(0.657)	1529898	200.000	207 (A)		
21 Allyl chloride	76	2.348	2.349	(0.682)	357054	200.000	208 (A)		
22 Acetonitrile	41	2.391	2.385	(0.694)	347376	1000.00	1030 (A)		
23 Methyl acetate	43	2.354	2.355	(0.683)	851783	200.000	213 (A)		

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
24 Methylene Chloride	84	2.434	2.434	(0.706)	590497	200.000	192		
25 tert-Butyl Alcohol	59	2.482	2.483	(0.720)	231850	1000.00	1080 (A)		
28 Methyl-tert-butyl ether	73	2.543	2.544	(0.738)	1909497	200.000	211 (A)		
27 trans-1,2-Dichloroethene	96	2.568	2.568	(0.745)	562063	200.000	208 (A)		
26 Acrylonitrile	53	2.610	2.611	(0.758)	219249	200.000	220 (A)		
30 n-Hexane	57	2.671	2.672	(0.775)	971615	200.000	218 (A)		
29 Diisopropyl ether	45	2.805	2.806	(0.814)	2032344	200.000	205 (A)		
32 Vinyl acetate	43	2.830	2.830	(0.821)	1445581	200.000	221 (AH)		
31 1,1-Dichloroethane	63	2.830	2.830	(0.821)	1101298	200.000	206 (A)		
33 Chloroprene	53	2.860	2.861	(0.830)	920507	200.000	216 (A)		
34 Ethyl-tert-butyl ether	59	3.013	3.007	(0.874)	2084618	200.000	210 (A)		
36 2,2-Dichloropropane	77	3.147	3.147	(0.913)	971981	200.000	206 (A)		
35 cis-1,2-Dichloroethene	96	3.165	3.166	(0.919)	694768	200.000	213 (A)		
39 Ethyl acetate	61	3.165	3.166	(0.919)	1080337	200.000	211 (A)		
37 2-Butanone (MEK)	43	3.171	3.172	(0.920)	481404	200.000	188		
41 Bromochloromethane	128	3.311	3.312	(0.961)	286768	200.000	211 (A)		
42 Tetrahydrofuran	42	3.311	3.312	(0.961)	205062	200.000	213 (A)		
43 Chloroform	83	3.336	3.336	(0.968)	1085182	200.000	210 (A)		
38 Propionitrile	54	3.251	3.251	(0.943)	83689	200.000	218 (AH)		
46 Cyclohexane	56	3.427	3.428	(0.995)	1261460	200.000	198		
45 1,1,1-Trichloroethane	97	3.433	3.434	(0.884)	975080	200.000	206 (AQ)		
* 44 Pentafluorobenzene (IS)	168	3.446	3.452	(1.000)	325219	50.0000	(Q)		
48 Carbon tetrachloride	117	3.507	3.507	(0.903)	796508	200.000	214 (A)		
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	922059	200.000	210 (A)		
55 2,2,4-Trimethylpentane	57	3.622	3.623	(1.051)	1991331	200.000	230 (A)		
51 Benzene	78	3.647	3.647	(0.939)	2330478	200.000	196		
40 Methacrylonitrile	67	3.318	3.318	(0.963)	271284	200.000	224 (A)		
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	227385	50.0000	50.8		
56 tert-Amylmethyl ether	73	3.683	3.678	(1.069)	1960054	200.000	214 (A)		
52 1,2-Dichloroethane	62	3.702	3.702	(1.074)	906704	200.000	214 (A)		
57 n-Heptane	43	3.732	3.733	(1.083)	1075683	200.000	232 (A)		
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	591889	50.0000			
59 Trichloroethene	95	4.037	4.037	(1.039)	659476	200.000	209 (A)		
60 Methylcyclohexane	83	4.110	4.111	(1.058)	1289085	200.000	215 (A)		
49 Isobutanol	43	3.592	3.592	(1.042)	111573	1000.00	1250 (A)		
53 tert-Amyl Alcohol	59	Compound Not Detected.						(D)	
54 tert-Amyl ethyl ether	59	4.134	4.135	(1.200)	1643156	200.000	210 (A)		
61 1,2-Dichloropropane	63	4.202	4.202	(1.082)	666264	200.000	214 (A)		
63 Methyl methacrylate	69	4.232	4.232	(1.089)	484414	200.000	226 (A)		
64 1,4-Dioxane (p-Dioxane)	88	4.269	4.269	(1.099)	85747	5000.00	5470 (A)		
62 Dibromomethane	93	4.281	4.280	(1.102)	383979	200.000	221 (A)		
65 Bromodichloromethane	83	4.366	4.367	(1.124)	917468	200.000	220 (A)		
66 2-Nitropropane	43	4.549	4.550	(1.171)	404629	200.000	236 (AH)		
67 2-Chloroethylvinyl ether	63	4.549	4.550	(1.171)	268365	200.000	271 (A)		
68 cis-1,3-Dichloropropene	75	4.653	4.653	(1.198)	1127201	200.000	219 (A)		
69 4-Methyl-2-pentanone (MIBK)	43	4.732	4.732	(1.218)	652944	200.000	219 (A)		
\$ 70 Toluene-d8 (S)	98	4.799	4.799	(0.827)	721444	50.0000	49.9		
71 Toluene	91	4.842	4.842	(1.246)	2571950	200.000	193		
72 Methyl isothiocyanate	73	4.964	4.964	(1.278)	1223692	500.000	597 (A)		
74 trans-1,3-Dichloropropene	75	5.031	5.031	(1.295)	1050286	200.000	230 (A)		
75 Ethyl methacrylate	69	5.031	5.031	(1.295)	899026	200.000	228 (AM)	NI	
76 1,1,2-Trichloroethane	83	5.153	5.153	(1.326)	490273	200.000	219 (A)		
77 Tetrachloroethene	166	5.195	5.196	(0.895)	645272	200.000	196		
78 1,3-Dichloropropane	76	5.275	5.275	(0.909)	1073338	200.000	217 (A)		

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
79 2-Hexanone	43	5.293	5.293	(0.912)	446064	200.000	208 (A)	
73 n-Octane	43	4.842	4.842	(1.246)	1107004	200.000	240 (AQ)	
81 n-Butyl acetate	43	5.348	5.348	(1.377)	350669	200.000	218 (A)	
80 Dibromochloromethane	129	5.415	5.415	(0.933)	623770	200.000	242 (A)	
82 1,2-Dibromoethane (EDB)	107	5.506	5.507	(1.417)	611361	200.000	230 (A)	
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	318207	50.0000		
84 Chlorobenzene	112	5.829	5.830	(1.004)	1708461	200.000	207 (A)	
86 Ethylbenzene	106	5.872	5.872	(1.012)	1018108	200.000	209 (A)	
85 1,1,1,2-Tetrachloroethane	131	5.884	5.885	(1.014)	593639	200.000	219 (A)	
88 n-Nonane	43	5.909	5.909	(1.018)	798020	200.000	246 (AQ)	
87 m&p-Xylene	106	5.963	5.958	(1.027)	2395460	400.000	403 (A)	
89 o-Xylene	106	6.256	6.257	(1.078)	1221898	200.000	211 (A)	
90 Styrene	104	6.274	6.275	(1.081)	2015176	200.000	212 (A)	
91 Bromoform	173	6.439	6.439	(1.109)	375715	200.000	260 (A)	
92 Isopropylbenzene (Cumene)	105	6.512	6.513	(0.863)	2999333	200.000	190	
\$ 93 4-Bromofluorobenzene (S)	95	6.671	6.671	(1.149)	276508	50.0000	50.3	
94 Bromobenzene	156	6.780	6.781	(0.898)	710461	200.000	209 (A)	
95 1,1,2,2-Tetrachloroethane	83	6.793	6.793	(0.900)	746040	200.000	207 (A)	
98 n-Propylbenzene	91	6.823	6.817	(0.904)	3534003	200.000	194	
96 1,2,3-Trichloropropane	110	6.835	6.836	(0.905)	249217	200.000	209 (A)	
97 trans-1,4-Dichloro-2-butene	53	6.841	6.842	(0.906)	250636	200.000	245 (A)	
103 n-Decane	43	6.896	6.897	(1.188)	482791	200.000	202 (AQ)	
99 2-Chlorotoluene	91	6.914	6.915	(0.916)	2454550	200.000	196	
100 4-Ethyltoluene	105	6.908	6.909	(0.915)	2998031	200.000	193	
101 1,3,5-Trimethylbenzene	105	6.957	6.958	(0.922)	2603273	200.000	204 (A)	
102 4-Chlorotoluene	91	7.000	7.000	(0.927)	2324751	200.000	207 (A)	
104 tert-Butylbenzene	119	7.195	7.195	(0.953)	2219050	200.000	207 (A)	
105 Pentachloroethane	167	7.250	7.250	(0.960)	415144	200.000	242 (A)	
106 1,2,4-Trimethylbenzene	105	7.250	7.244	(0.960)	2495766	200.000	204 (A)	
107 sec-Butylbenzene	105	7.366	7.366	(0.976)	3232142	200.000	208 (A)	
109 d-Limonene	136	7.433	7.427	(1.280)	193593	200.000	270 (A)	
110 p-Isopropyltoluene	119	7.475	7.476	(0.990)	2707415	200.000	212 (A)	
108 1,3-Dichlorobenzene	146	7.494	7.494	(0.993)	1350710	200.000	219 (A)	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.548	7.549	(1.000)	281636	50.0000	(Q)	
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.002)	1348752	200.000	214 (A)	
113 1,2,3-Trimethylbenzene	105	7.579	7.579	(1.004)	2561754	200.000	205 (A)	
114 Benzyl chloride	91	7.676	7.677	(1.017)	1601602	200.000	248 (A)	
115 trans-Decalin	138	7.768	7.768	(1.029)	602536	200.000	238 (A)	
116 1,4-Diethylbenzene	119	7.774	7.774	(1.030)	1606287	200.000	231 (A)	
117 n-Butylbenzene	91	7.792	7.793	(1.032)	3125425	200.000	230 (A)	
119 n-Undecane	43	7.817	7.817	(1.036)	189890	200.000	120 (Q)	
118 1,2-Dichlorobenzene	146	7.859	7.860	(1.041)	1311609	200.000	224 (A)	
120 cis-Decalin	138	8.213	8.212	(1.088)	523004	200.000	255 (A)	
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.112)	1998627	200.000	238 (A)	
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	148823	200.000	233 (A)	
123 n-Dodecane	43	8.670	8.670	(1.149)	64095	200.000	78.5 (Q)	
124 1,2,4-Trichlorobenzene	180	9.115	9.116	(1.208)	731774	200.000	262 (A)	
125 Hexachloro-1,3-butadiene	225	9.213	9.213	(1.220)	334196	200.000	268 (A)	
126 Naphthalene	128	9.335	9.335	(1.237)	1651797	200.000	236 (A)	
127 1,2,3-Trichlorobenzene	180	9.560	9.561	(1.267)	615520	200.000	256 (A)	

Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63319.D
Report Date: 09-Dec-2020 18:21

QC Flag Legend

A - Target compound detected but, quantitated amount
exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

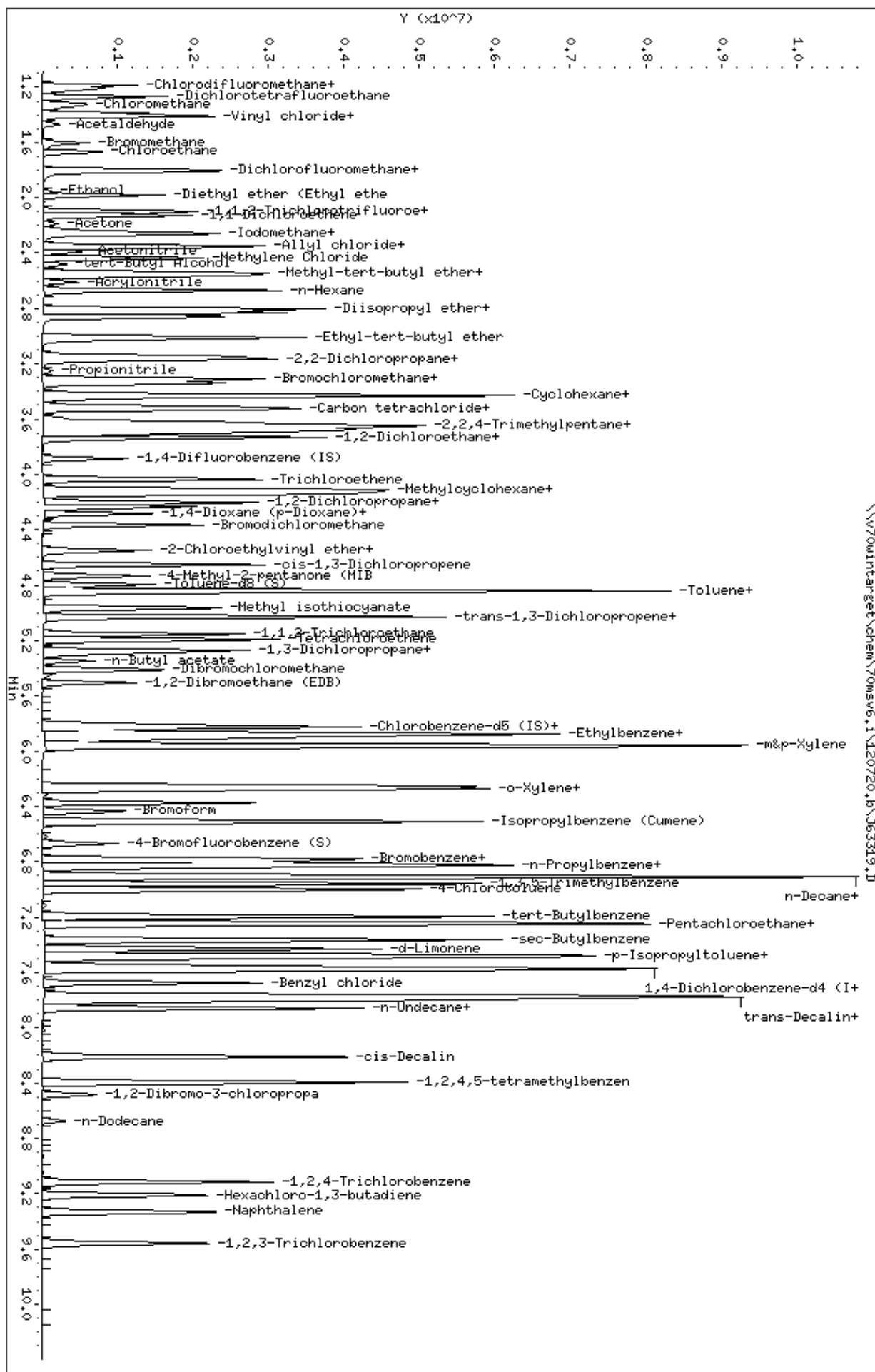
Review Codes Legend

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NI: Indicates that the peak was not integrated at all by the
computer software.

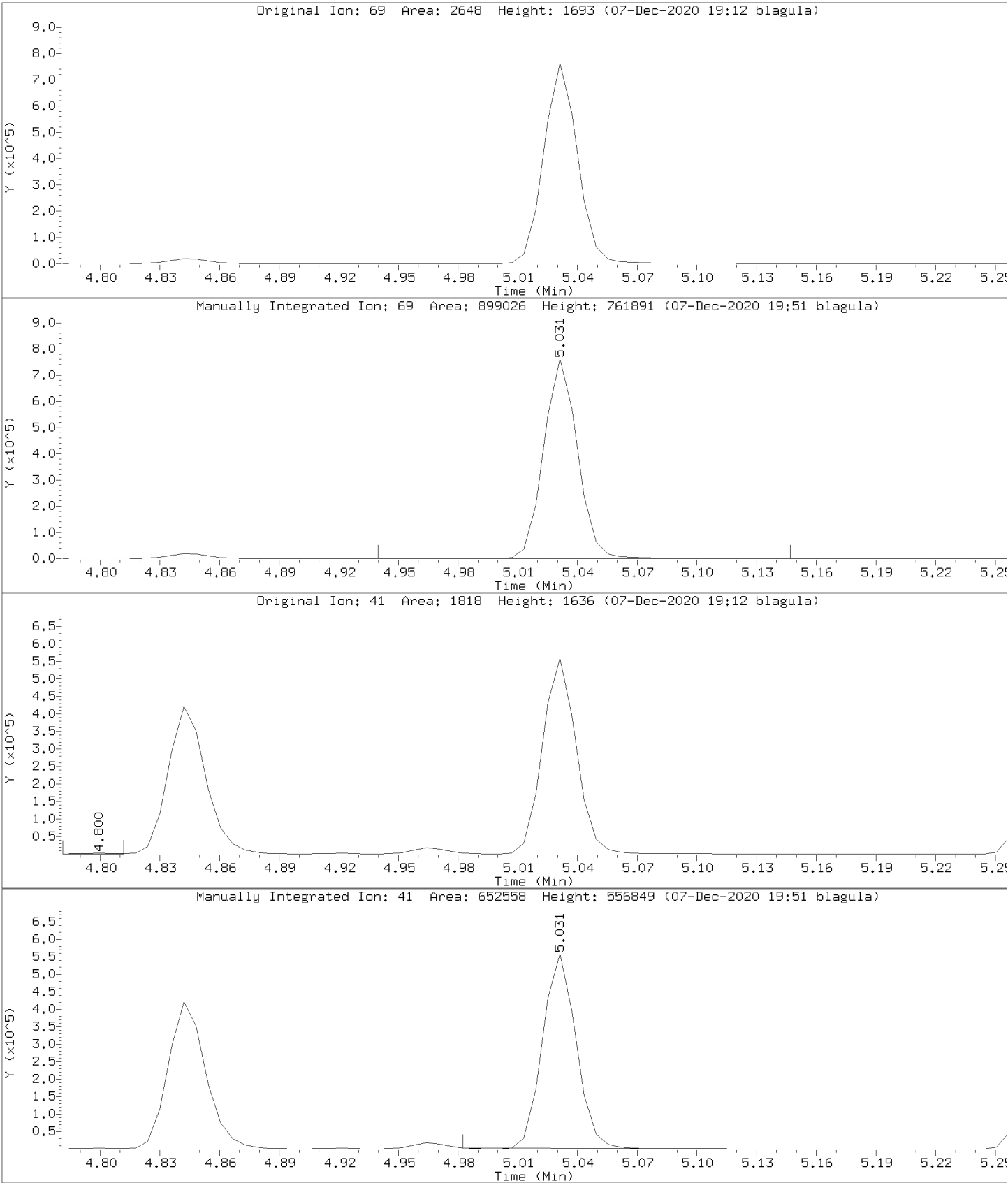
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 Date : 07-DEC-2020 17:24
 Client ID: CAL8
 Sample Info: CAL8, 103036;1
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv6.i
 Operator: BBL
 Column diameter: 0.18

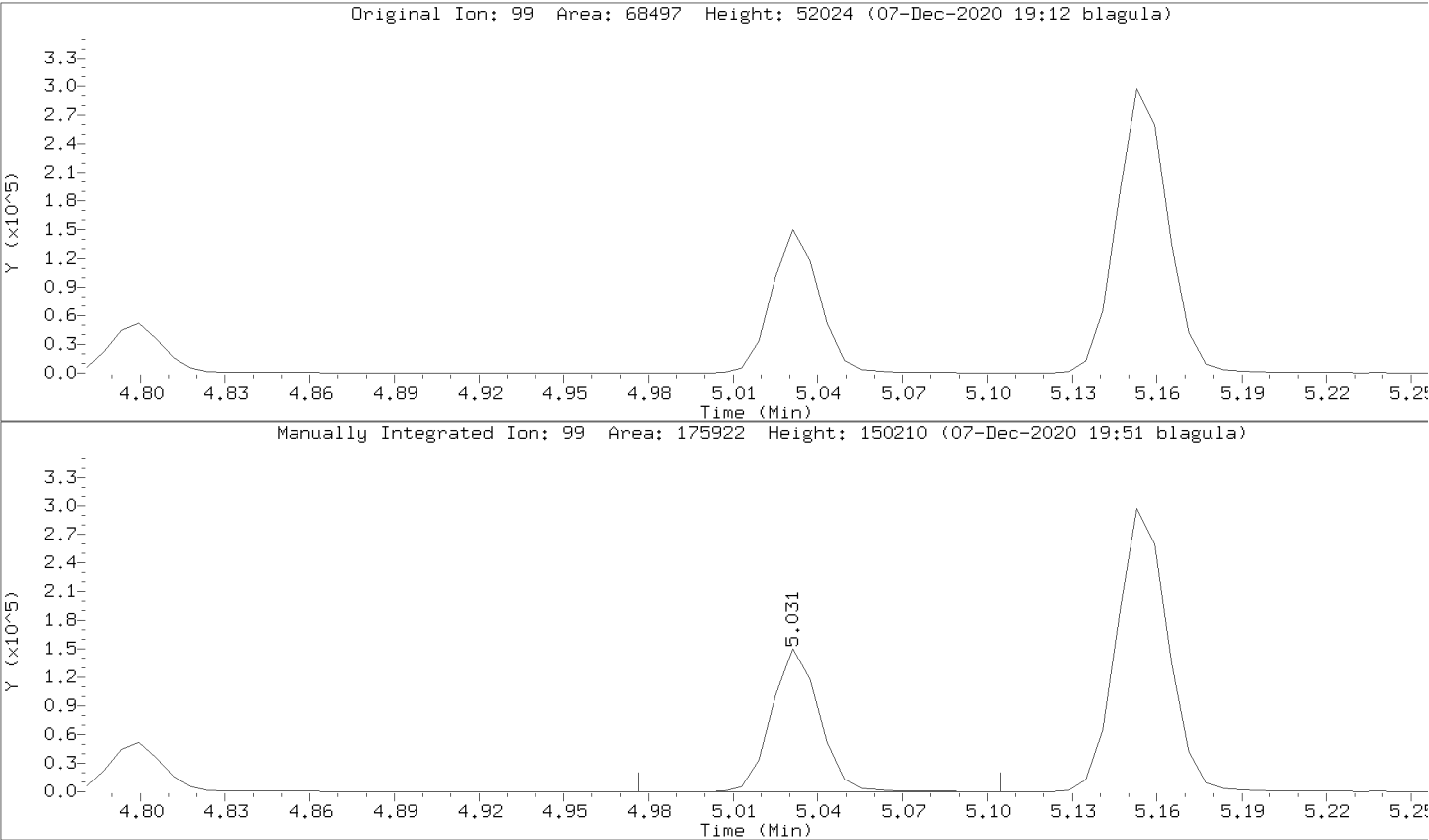


Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63319.D
Injection Date: 07-DEC-2020 17:24
Instrument: 70msv6.i
Lab Sample ID: CAL8

Compound: Ethyl methacrylate Review Code: NI
CAS Number: 97-63-2



Data File: \\v70wintarget\chem\70msv6.i\120720.b/J63319.D
Injection Date: 07-DEC-2020 17:24
Instrument: 70msv6.i
Lab Sample ID: CAL8



MSV - FORM VII VOA-1
MSV INITIAL CALIBRATION DATA

SAMPLE NO.

14297012ICV

Lab Name: Pace Analytical - New York

Calibration Date: 12/07/2020 Time: 18:29

Instrument ID: 70MSV6 GC Column: Col 1

Init. Calib. Date(s): 12/07/2020 12/07/2020

Lab File ID: 120720.B\J63321.D

Init. Calib. Time(s): 14:58 17:24

SDG No.: 70162103

COMPOUND	CURVE	RRF or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Linear	50	43.25846	0.1000	-13.4831	30.0000
Bromochloromethane	Averaged	0.20927	0.19005	0.0100	-9.1846	30.0000
Bromodichloromethane	Averaged	0.35183	0.31392	0.2000	-10.7738	30.0000
Carbon tetrachloride	Averaged	0.31459	0.28218	0.1000	-10.3023	30.0000
Chloroethane	Averaged	0.36177	0.30517	0.1000	-15.6472	30.0000
Chloroform	Averaged	0.79534	0.70588	0.2000	-11.2483	30.0000
Chloromethane	Averaged	0.55105	0.39081	0.1000	-29.0778	30.0000
1,2-Dibromo-3-chloropropane	Averaged	0.11344	0.11565	0.0500	1.9444	30.0000
Dibromochloromethane	Averaged	0.40576	0.40653	0.1000	0.1885	30.0000
trans-1,4-Dichloro-2-butene	Averaged	0.18164	0.20338	0.0100	11.9685	30.0000
1,1-Dichloroethane	Averaged	0.82239	0.74120	0.2000	-9.8728	30.0000
1,1-Dichloroethene	Averaged	0.37238	0.34802	0.1000	-6.5417	30.0000
cis-1,2-Dichloroethene	Averaged	0.50213	0.45516	0.1000	-9.3542	30.0000
trans-1,2-Dichloroethene	Averaged	0.41585	0.39030	0.1000	-6.1445	30.0000
1,2-Dichloropropane	Averaged	0.26356	0.24544	0.1000	-6.8761	30.0000
cis-1,3-Dichloropropene	Averaged	0.43478	0.42306	0.2000	-2.6973	30.0000
trans-1,3-Dichloropropene	Averaged	0.38614	0.39504	0.1000	2.3054	30.0000
Methylene Chloride	Averaged	0.47278	0.39747	0.1000	-15.9305	30.0000
1,1,2,2-Tetrachloroethane	Averaged	0.64085	0.63406	0.3000	-1.0601	30.0000
Tetrachloroethene	Averaged	0.51616	0.44168	0.2000	-14.4298	30.0000
1,1,1-Trichloroethane	Averaged	0.39982	0.35106	0.1000	-12.1956	30.0000
1,1,2-Trichloroethane	Averaged	0.18931	0.18337	0.1000	-3.1377	30.0000
Trichloroethene	Averaged	0.26653	0.23300	0.2000	-12.5810	30.0000
Trichlorofluoromethane	Averaged	0.62990	0.58553	0.1000	-7.0441	30.0000
1,2,3-Trichloropropane	Averaged	0.21186	0.20536	0.0100	-3.0649	30.0000
Vinyl chloride	Averaged	0.59064	0.46044	0.1000	-22.0448	30.0000
4-Bromofluorobenzene (S)	Averaged	0.86347	0.86554	0.0100	0.2390	30.0000
1,2-Dichloroethane-d4 (S)	Averaged	0.37843	0.37238	0.0100	-1.5992	30.0000
Toluene-d8 (S)	Averaged	2.27065	2.29458	0.0100	1.0539	30.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

02/15/2021 1:12

MSV - FORM VII VOA-1
MSV CONTINUING CALIBRATION DATA

SAMPLE NO.

14546591CCV

Lab Name: Pace Analytical - New York

Calibration Date: 02/12/2021 Time: 10:09

Instrument ID: 70MSV6 GC Column: Col 1

Init. Calib. Date(s): 12/07/2020 12/07/2020

Lab File ID: 021221.B\J64518.D

Init. Calib. Time(s): 14:58 17:24

SDG No.: 70162103

COMPOUND	CURVE	RRF or Amount	RRF or Amount	MIN RRF	%D	MAX %D
Acetone	Linear	50	58.89823	0.1000	17.7965	20.0000
Bromochloromethane	Averaged	0.20927	0.22999	0.0100	9.9019	20.0000
Bromodichloromethane	Averaged	0.35183	0.34225	0.2000	-2.7229	20.0000
Carbon tetrachloride	Averaged	0.31459	0.29315	0.1000	-6.8169	20.0000
Chloroethane	Averaged	0.36177	0.32487	0.1000	-10.2013	20.0000
Chloroform	Averaged	0.79534	0.81759	0.2000	2.7971	20.0000
Chloromethane	Averaged	0.55105	0.43741	0.1000	-20.6215	20.0000
1,2-Dibromo-3-chloropropane	Averaged	0.11344	0.09877	0.0500	-12.9329	20.0000
Dibromochloromethane	Averaged	0.40576	0.44159	0.1000	8.8287	20.0000
trans-1,4-Dichloro-2-butene	Averaged	0.18164	0.17464	0.0100	-3.8525	20.0000
1,1-Dichloroethane	Averaged	0.82239	0.78769	0.2000	-4.2197	20.0000
1,1-Dichloroethene	Averaged	0.37238	0.37479	0.1000	0.6478	20.0000
cis-1,2-Dichloroethene	Averaged	0.50213	0.52177	0.1000	3.9129	20.0000
trans-1,2-Dichloroethene	Averaged	0.41585	0.44065	0.1000	5.9633	20.0000
1,2-Dichloropropane	Averaged	0.26356	0.23618	0.1000	-10.3905	20.0000
cis-1,3-Dichloropropene	Averaged	0.43478	0.41499	0.2000	-4.5534	20.0000
trans-1,3-Dichloropropene	Averaged	0.38614	0.38594	0.1000	-0.0498	20.0000
Methylene Chloride	Averaged	0.47278	0.45214	0.1000	-4.3676	20.0000
1,1,2,2-Tetrachloroethane	Averaged	0.64085	0.60302	0.3000	-5.9025	20.0000
Tetrachloroethene	Averaged	0.51616	0.51047	0.2000	-1.1027	20.0000
1,1,1-Trichloroethane	Averaged	0.39982	0.39228	0.1000	-1.8848	20.0000
1,1,2-Trichloroethane	Averaged	0.18931	0.18577	0.1000	-1.8710	20.0000
Trichloroethene	Averaged	0.26653	0.25876	0.2000	-2.9139	20.0000
Trichlorofluoromethane	Averaged	0.62990	0.67886	0.1000	7.7719	20.0000
1,2,3-Trichloropropane	Averaged	0.21186	0.20703	0.0100	-2.2770	20.0000
Vinyl chloride	Averaged	0.59064	0.50069	0.1000	-15.2286	20.0000
4-Bromofluorobenzene (S)	Averaged	0.86347	0.85647	0.0100	-0.8115	20.0000
1,2-Dichloroethane-d4 (S)	Averaged	0.37843	0.37689	0.0100	-0.4086	20.0000
Toluene-d8 (S)	Averaged	2.27065	2.40893	0.0100	6.0902	20.0000

The values for compounds reported as total are based on a summation of the components within the laboratory information management system.

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\120720.b\J63321.D
Lab Smp Id: ICV Client Smp ID: ICV
Inj Date : 07-DEC-2020 18:29 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : icv, 103037:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\120720.b\120720_8260W.m
Meth Date : 09-Dec-2020 18:26 70msv6.i Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 11 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
1 Chlorodifluoromethane	51	1.208	1.208	(0.351)	170270	50.0000	42.6		
2 Dichlorotetrafluoroethane	135	1.269	1.269	(0.368)	86198	50.0000	50.1		
3 Dichlorodifluoromethane	85	1.184	1.184	(0.344)	160432	50.0000	43.6 (Q)		
4 Chloromethane	50	1.324	1.324	(0.384)	129246	50.0000	35.5 (M)		
5 Vinyl chloride	62	1.385	1.385	(0.402)	152270	50.0000	39.0		
6 1,3-Butadiene	54	1.409	1.409	(0.409)	143652	50.0000	51.1		
7 Acetaldehyde	44	1.470	1.470	(0.427)	29358	50.0000	42.6		
8 Bromomethane	94	1.604	1.604	(0.466)	61586	50.0000	54.7		
9 Chloroethane	64	1.672	1.672	(0.485)	100921	50.0000	42.2		
10 Dichlorofluoromethane	67	1.800	1.800	(0.522)	225050	50.0000	46.0		
11 Trichlorofluoromethane	101	1.806	1.806	(0.524)	193641	50.0000	46.5		
12 Ethanol	45	1.952	1.952	(0.567)	20860	1250.00	1360		
13 Diethyl ether (Ethyl ether)	59	1.982	1.982	(0.575)	114569	50.0000	43.3		
16 1,1,2-Trichlorotrifluoroethane	101	2.098	2.098	(0.609)	122549	50.0000	45.2		
14 Acrolein	56	2.098	2.098	(0.609)	22731	50.0000	40.7		
15 1,1-Dichloroethene	96	2.129	2.129	(0.618)	115093	50.0000	46.7		
17 Acetone	43	2.190	2.190	(0.636)	40096	50.0000	43.2		
18 Iodomethane	142	2.232	2.232	(0.648)	101936	50.0000	44.5		
19 2-Propanol	45	2.251	2.251	(0.653)	142644	1250.00	1220		
20 Carbon disulfide	76	2.263	2.263	(0.657)	337355	50.0000	44.8		
21 Allyl chloride	76	2.348	2.348	(0.682)	72547	50.0000	41.6		
22 Acetonitrile	41	2.385	2.385	(0.692)	82036	250.000	239		
23 Methyl acetate	43	2.354	2.354	(0.683)	243157	50.0000	59.9		

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
24 Methylene Chloride	84	2.434	2.434	(0.706)	131446	50.0000	42.0	
25 tert-Butyl Alcohol	59	2.482	2.482	(0.720)	56138	250.000	258	
28 Methyl-tert-butyl ether	73	2.543	2.543	(0.738)	437555	50.0000	47.6	
27 trans-1,2-Dichloroethene	96	2.568	2.568	(0.745)	129075	50.0000	46.9	
26 Acrylonitrile	53	2.610	2.610	(0.758)	49813	50.0000	49.2	
30 n-Hexane	57	2.671	2.671	(0.775)	241085	50.0000	53.2	
29 Diisopropyl ether	45	2.805	2.805	(0.814)	487848	50.0000	48.5	
32 Vinyl acetate	43	2.830	2.830	(0.821)	367312	50.0000	55.2	
31 1,1-Dichloroethane	63	2.830	2.830	(0.821)	245122	50.0000	45.1	
33 Chloroprene	53	2.860	2.860	(0.830)	197815	50.0000	45.7	
34 Ethyl-tert-butyl ether	59	3.007	3.007	(0.873)	480478	50.0000	47.5	
36 2,2-Dichloropropane	77	3.147	3.147	(0.913)	217103	50.0000	45.3	
35 cis-1,2-Dichloroethene	96	3.165	3.165	(0.919)	150524	50.0000	45.3	
39 Ethyl acetate	61	3.165	3.165	(0.919)	227684	50.0000	43.7 (Q)	
37 2-Butanone (MEK)	43	3.171	3.171	(0.920)	78492	50.0000	30.1 (Q)	
41 Bromochloromethane	128	3.311	3.311	(0.961)	62851	50.0000	45.4	
42 Tetrahydrofuran	42	3.311	3.311	(0.961)	46591	50.0000	47.7	
43 Chloroform	83	3.336	3.336	(0.968)	233440	50.0000	44.4	
38 Propionitrile	54	3.250	3.250	(0.943)	18728	50.0000	48.0	
46 Cyclohexane	56	3.427	3.427	(0.995)	272342	50.0000	42.0	
45 1,1,1-Trichloroethane	97	3.433	3.433	(0.884)	204275	50.0000	43.9	
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	330709	50.0000		
48 Carbon tetrachloride	117	3.507	3.507	(0.903)	164197	50.0000	44.8	
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	192943	50.0000	44.7	
55 2,2,4-Trimethylpentane	57	3.622	3.622	(1.051)	513988	50.0000	58.5	
51 Benzene	78	3.647	3.647	(0.939)	552159	50.0000	47.3	
40 Methacrylonitrile	67	3.318	3.318	(0.963)	61168	50.0000	49.6	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	216682	50.0000	49.2	
56 tert-Amylmethyl ether	73	3.677	3.677	(1.067)	452775	50.0000	48.7	
52 1,2-Dichloroethane	62	3.702	3.702	(1.074)	196157	50.0000	45.5	
57 n-Heptane	43	3.732	3.732	(1.083)	242837	50.0000	51.4	
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	581882	50.0000		
59 Trichloroethene	95	4.037	4.037	(1.039)	135578	50.0000	43.7	
60 Methylcyclohexane	83	4.110	4.110	(1.058)	279791	50.0000	47.6	
49 Isobutanol	43	3.592	3.592	(1.042)	24397	250.000	270	
53 tert-Amyl Alcohol	59	Compound Not Detected.						(D)
54 tert-Amyl ethyl ether	59	4.134	4.134	(1.200)	384644	50.0000	48.2	
61 1,2-Dichloropropane	63	4.202	4.202	(1.082)	142816	50.0000	46.6	
63 Methyl methacrylate	69	4.232	4.232	(1.089)	113474	50.0000	53.8	
64 1,4-Dioxane (p-Dioxane)	88	4.269	4.269	(1.099)	20745	1250.00	1350	
62 Dibromomethane	93	4.281	4.281	(1.102)	83471	50.0000	48.9	
65 Bromodichloromethane	83	4.366	4.366	(1.124)	182666	50.0000	44.6	
66 2-Nitropropane	43	4.549	4.549	(1.171)	96373	50.0000	65.0	
67 2-Chloroethylvinyl ether	63	4.549	4.549	(1.171)	79997	50.0000	65.9	
68 cis-1,3-Dichloropropene	75	4.653	4.653	(1.198)	246169	50.0000	48.6	
69 4-Methyl-2-pentanone (MIBK)	43	4.732	4.732	(1.218)	144052	50.0000	49.1	
\$ 70 Toluene-d8 (S)	98	4.799	4.799	(0.827)	721904	50.0000	50.5	
71 Toluene	91	4.842	4.842	(1.246)	600275	50.0000	45.8	
72 Methyl isothiocyanate	73	4.964	4.964	(1.278)	238887	125.000	118	
74 trans-1,3-Dichloropropene	75	5.031	5.031	(1.295)	229866	50.0000	51.2	
75 Ethyl methacrylate	69	5.031	5.031	(1.295)	203498	50.0000	52.4	
76 1,1,2-Trichloroethane	83	5.153	5.153	(1.326)	106701	50.0000	48.4	
77 Tetrachloroethene	166	5.195	5.195	(0.895)	138957	50.0000	42.8	
78 1,3-Dichloropropane	76	5.274	5.274	(0.909)	235802	50.0000	48.3	

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
	(ug/L)	(ug/L)						
=====	=====	=====	=====	=====	=====	=====	=====	=====
79 2-Hexanone	43	5.293	5.293	(0.912)	95756	50.0000	45.2	
73 n-Octane	43	4.842	4.842	(1.246)	235907	50.0000	52.0 (Q)	
81 n-Butyl acetate	43	5.360	5.360	(1.380)	9730	50.0000	6.14 (QH)	
80 Dibromochloromethane	129	5.409	5.409	(0.932)	127899	50.0000	50.1	
82 1,2-Dibromoethane (EDB)	107	5.506	5.506	(1.417)	133072	50.0000	50.9	
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	314613	50.0000		
84 Chlorobenzene	112	5.829	5.829	(1.004)	380744	50.0000	46.6	
86 Ethylbenzene	106	5.872	5.872	(1.012)	215839	50.0000	44.8	
85 1,1,1,2-Tetrachloroethane	131	5.884	5.884	(1.014)	127917	50.0000	47.7	
88 n-Nonane	43	5.909	5.909	(1.018)	186211	50.0000	58.1 (Q)	
87 m&p-Xylene	106	5.957	5.957	(1.026)	544197	100.000	92.6	
89 o-Xylene	106	6.256	6.256	(1.078)	264968	50.0000	46.2	
90 Styrene	104	6.274	6.274	(1.081)	450768	50.0000	48.1	
91 Bromoform	173	6.433	6.433	(1.108)	75719	50.0000	53.0	
92 Isopropylbenzene (Cumene)	105	6.512	6.512	(0.863)	709202	50.0000	46.7	
\$ 93 4-Bromofluorobenzene (S)	95	6.671	6.671	(1.149)	272309	50.0000	50.1	
94 Bromobenzene	156	6.780	6.780	(0.898)	156775	50.0000	47.9	
95 1,1,2,2-Tetrachloroethane	83	6.792	6.792	(0.900)	171650	50.0000	49.5	
98 n-Propylbenzene	91	6.817	6.817	(0.903)	835117	50.0000	47.6	
96 1,2,3-Trichloropropane	110	6.835	6.835	(0.905)	55595	50.0000	48.5	
97 trans-1,4-Dichloro-2-butene	53	6.841	6.841	(0.906)	55059	50.0000	56.0	
103 n-Decane	43	6.896	6.896	(1.188)	160665	50.0000	68.0 (Q)	
99 2-Chlorotoluene	91	6.914	6.914	(0.916)	581037	50.0000	48.4	
100 4-Ethyltoluene	105	6.908	6.908	(0.915)	727153	50.0000	48.7	
101 1,3,5-Trimethylbenzene	105	6.957	6.957	(0.922)	575452	50.0000	46.9	
102 4-Chlorotoluene	91	7.000	7.000	(0.927)	514849	50.0000	47.8	
104 tert-Butylbenzene	119	7.195	7.195	(0.953)	496555	50.0000	48.2	
105 Pentachloroethane	167	7.250	7.250	(0.960)	91620	50.0000	55.6	
106 1,2,4-Trimethylbenzene	105	7.244	7.244	(0.960)	544611	50.0000	46.3	
107 sec-Butylbenzene	105	7.366	7.366	(0.976)	752744	50.0000	50.3	
109 d-Limonene	136	7.427	7.427	(1.279)	42048	50.0000	56.0	
110 p-Isopropyltoluene	119	7.475	7.475	(0.990)	632299	50.0000	51.5	
108 1,3-Dichlorobenzene	146	7.494	7.494	(0.993)	305744	50.0000	51.6	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.548	7.548	(1.000)	270717	50.0000		
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.002)	312611	50.0000	51.5	
113 1,2,3-Trimethylbenzene	105	7.579	7.579	(1.004)	567680	50.0000	47.4	
114 Benzyl chloride	91	7.676	7.676	(1.017)	358074	50.0000	57.6	
115 trans-Decalin	138	7.768	7.768	(1.029)	127965	50.0000	52.7	
116 1,4-Diethylbenzene	119	7.774	7.774	(1.030)	357369	50.0000	53.6	
117 n-Butylbenzene	91	7.792	7.792	(1.032)	678907	50.0000	52.1	
119 n-Undecane	43	7.817	7.817	(1.036)	113657	50.0000	81.7 (Q)	
118 1,2-Dichlorobenzene	146	7.859	7.859	(1.041)	294281	50.0000	52.3	
120 cis-Decalin	138	8.213	8.213	(1.088)	109574	50.0000	55.6	
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.112)	376976	50.0000	46.6	
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	31308	50.0000	51.0	
123 n-Dodecane	43	8.670	8.670	(1.149)	66284	50.0000	(Q)	
124 1,2,4-Trichlorobenzene	180	9.115	9.115	(1.208)	138436	50.0000	51.7	
125 Hexachloro-1,3-butadiene	225	9.213	9.213	(1.220)	67205	50.0000	53.8	
126 Naphthalene	128	9.335	9.335	(1.237)	315735	50.0000	46.9	
127 1,2,3-Trichlorobenzene	180	9.560	9.560	(1.267)	114783	50.0000	49.7	

Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63321.D
Report Date: 09-Dec-2020 18:28

QC Flag Legend

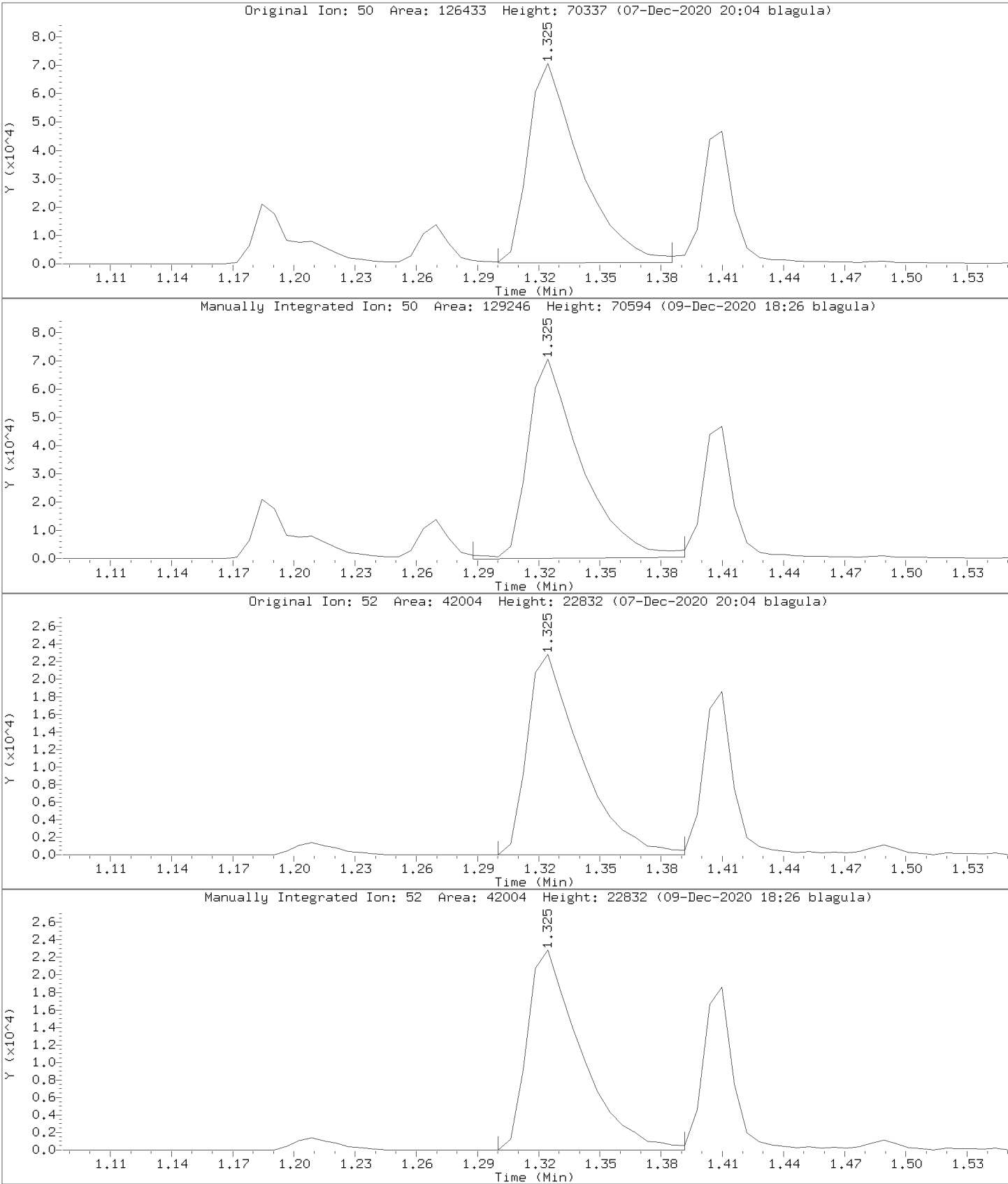
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.
D - User disabled compound identification.

Review Codes Legend

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Data File: \\v70wintarget\chem\70msv6.i\120720.b\J63321.D
Injection Date: 07-DEC-2020 18:29
Instrument: 70msv6.i
Lab Sample ID: ICV

Compound: Chloromethane Review Code:
CAS Number: 74-87-3



Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64518.D
Lab Smp Id: CCV, 106242:1 Client Smp ID: CCV
Inj Date : 12-FEB-2021 10:09 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : ccv, 106242:1
Misc Info : 10588,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	AMOUNTS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT		ON-COL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
1 Chlorodifluoromethane	51	1.202	1.202	(0.349)	139564	50.0000	40.9		
2 Dichlorotetrafluoroethane	135	1.263	1.263	(0.367)	64272	50.0000	43.7		
3 Dichlorodifluoromethane	85	1.184	1.184	(0.344)	121484	50.0000	38.7 (Q)		
4 Chloromethane	50	1.318	1.318	(0.383)	123452	50.0000	39.7		
5 Vinyl chloride	62	1.385	1.385	(0.402)	141312	50.0000	42.4		
6 1,3-Butadiene	54	1.403	1.403	(0.407)	102525	50.0000	42.8		
7 Acetaldehyde	44	1.464	1.464	(0.425)	26878	50.0000	45.7		
8 Bromomethane	94	1.598	1.598	(0.464)	81504	50.0000	76.8		
9 Chloroethane	64	1.666	1.666	(0.483)	91688	50.0000	44.9		
10 Dichlorofluoromethane	67	1.794	1.794	(0.521)	210179	50.0000	50.4		
11 Trichlorofluoromethane	101	1.806	1.806	(0.524)	191596	50.0000	53.9		
12 Ethanol	45	1.946	1.946	(0.565)	25982	1250.00	1990		
13 Diethyl ether (Ethyl ether)	59	1.976	1.976	(0.574)	103260	50.0000	45.8		
16 1,1,2-Trichlorotrifluoroethane	101	2.098	2.098	(0.609)	124505	50.0000	53.8		
14 Acrolein	56	2.098	2.098	(0.609)	16808	50.0000	35.3		
15 1,1-Dichloroethene	96	2.123	2.123	(0.616)	105778	50.0000	50.3		
17 Acetone	43	2.184	2.184	(0.634)	44136	50.0000	58.9		
18 Iodomethane	142	2.232	2.232	(0.648)	135358	50.0000	65.8		
19 2-Propanol	45	2.251	2.251	(0.653)	149149	1250.00	1490		
20 Carbon disulfide	76	2.257	2.257	(0.655)	318201	50.0000	49.5		
21 Allyl chloride	76	2.342	2.342	(0.680)	77320	50.0000	51.9		
22 Acetonitrile	41	2.385	2.385	(0.692)	63696	250.000	217		

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
23 Methyl acetate	43	2.354	2.354	(0.683)	154543	50.0000	44.6	
24 Methylene Chloride	84	2.434	2.434	(0.706)	127607	50.0000	47.8	
25 tert-Butyl Alcohol	59	2.476	2.476	(0.719)	54269	250.000	292	
28 Methyl-tert-butyl ether	73	2.543	2.543	(0.738)	401553	50.0000	51.2	
27 trans-1,2-Dichloroethene	96	2.562	2.562	(0.743)	124365	50.0000	53.0	
26 Acrylonitrile	53	2.604	2.604	(0.756)	37598	50.0000	43.5	
30 n-Hexane	57	2.665	2.665	(0.774)	169256	50.0000	43.8	
29 Diisopropyl ether	45	2.799	2.799	(0.812)	374021	50.0000	43.5	
32 Vinyl acetate	43	2.830	2.830	(0.821)	264617	50.0000	46.6	
31 1,1-Dichloroethane	63	2.824	2.824	(0.820)	222312	50.0000	47.9	
33 Chloroprene	53	2.854	2.854	(0.828)	169192	50.0000	45.8	
34 Ethyl-tert-butyl ether	59	3.007	3.007	(0.873)	401500	50.0000	46.5	
36 2,2-Dichloropropane	77	3.141	3.141	(0.912)	212715	50.0000	52.0	
35 cis-1,2-Dichloroethene	96	3.159	3.159	(0.917)	147261	50.0000	52.0	
39 Ethyl acetate	61	3.159	3.159	(0.917)	210699	50.0000	47.4	
37 2-Butanone (MEK)	43	3.171	3.171	(0.920)	90632	50.0000	40.8	
41 Bromochloromethane	128	3.305	3.305	(0.959)	64911	50.0000	55.0	
42 Tetrahydrofuran	42	3.312	3.312	(0.961)	32849	50.0000	39.4	
43 Chloroform	83	3.336	3.336	(0.968)	230749	50.0000	51.4	
38 Propionitrile	54	3.251	3.251	(0.943)	13819	50.0000	41.5	
46 Cyclohexane	56	3.421	3.421	(0.993)	221803	50.0000	40.1	
45 1,1,1-Trichloroethane	97	3.427	3.427	(0.882)	205072	50.0000	49.0	
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	282232	50.0000		
48 Carbon tetrachloride	117	3.507	3.507	(0.903)	153247	50.0000	46.6	
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	183642	50.0000	47.3	
55 2,2,4-Trimethylpentane	57	3.622	3.622	(1.051)	309248	50.0000	41.2	
51 Benzene	78	3.647	3.647	(0.939)	480167	50.0000	45.8	
40 Methacrylonitrile	67	3.318	3.318	(0.963)	48494	50.0000	46.0	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	197023	50.0000	49.8	
56 tert-Amylmethyl ether	73	3.677	3.677	(1.067)	378390	50.0000	47.7	
52 1,2-Dichloroethane	62	3.696	3.696	(1.073)	186059	50.0000	50.6	
57 n-Heptane	43	3.726	3.726	(1.081)	160547	50.0000	39.8	
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	522764	50.0000		
59 Trichloroethene	95	4.031	4.031	(1.038)	135273	50.0000	48.5	
60 Methylcyclohexane	83	4.110	4.110	(1.058)	245325	50.0000	46.4	
49 Isobutanol	43	3.592	3.592	(1.042)	16401	250.000	212	
53 tert-Amyl Alcohol	59	4.135	4.135	(1.200)	299183	50.0000		
54 tert-Amyl ethyl ether	59	4.135	4.135	(1.200)	299183	50.0000	44.0	
61 1,2-Dichloropropane	63	4.202	4.202	(1.082)	123464	50.0000	44.8	
63 Methyl methacrylate	69	4.232	4.232	(1.089)	86847	50.0000	45.8	
64 1,4-Dioxane (p-Dioxane)	88	4.269	4.269	(1.099)	29620	1250.00	2140	
62 Dibromomethane	93	4.281	4.281	(1.102)	81571	50.0000	53.2	
65 Bromodichloromethane	83	4.366	4.366	(1.124)	178915	50.0000	48.6	
66 2-Nitropropane	43	4.549	4.549	(1.171)	28291	50.0000	21.2	
67 2-Chloroethylvinyl ether	63	4.549	4.549	(1.171)	6082	50.0000	10.4	
68 cis-1,3-Dichloropropene	75	4.647	4.647	(1.196)	216940	50.0000	47.7	
69 4-Methyl-2-pentanone (MIBK)	43	4.732	4.732	(1.218)	103397	50.0000	39.2	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	646247	50.0000	53.0	
71 Toluene	91	4.836	4.836	(1.245)	586971	50.0000	49.9	
72 Methyl isothiocyanate	73	4.964	4.964	(1.278)	208118	125.000	115	
74 trans-1,3-Dichloropropene	75	5.025	5.025	(1.293)	201758	50.0000	50.0	
75 Ethyl methacrylate	69	5.031	5.031	(1.295)	165007	50.0000	47.3	
76 1,1,2-Trichloroethane	83	5.153	5.153	(1.326)	97114	50.0000	49.1	
77 Tetrachloroethene	166	5.195	5.195	(0.895)	136943	50.0000	49.4	

Compounds	QUANT SIG					AMOUNTS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
78 1,3-Dichloropropane	76	5.275	5.275	(0.909)	210750	50.0000	50.6	
79 2-Hexanone	43	5.293	5.293	(0.912)	74065	50.0000	41.0	
73 n-Octane	43	4.842	4.842	(1.246)	160564	50.0000	39.4 (Q)	
81 n-Butyl acetate	43	5.348	5.348	(1.377)	59956	50.0000	42.1	
80 Dibromochloromethane	129	5.409	5.409	(0.932)	118465	50.0000	54.4	
82 1,2-Dibromoethane (EDB)	107	5.506	5.506	(1.417)	122611	50.0000	52.2	
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	268271	50.0000		
84 Chlorobenzene	112	5.823	5.823	(1.003)	384088	50.0000	55.1	
86 Ethylbenzene	106	5.872	5.872	(1.012)	222714	50.0000	54.2	
85 1,1,1,2-Tetrachloroethane	131	5.884	5.884	(1.014)	122903	50.0000	53.7	
88 n-Nonane	43	5.903	5.903	(1.017)	125996	50.0000	46.1 (Q)	
87 m&p-Xylene	106	5.957	5.957	(1.026)	546394	100.000	109	
89 o-Xylene	106	6.250	6.250	(1.077)	263128	50.0000	53.8	
90 Styrene	104	6.268	6.268	(1.080)	446134	50.0000	55.8	
91 Bromoform	173	6.433	6.433	(1.108)	61433	50.0000	50.4	
92 Isopropylbenzene (Cumene)	105	6.506	6.506	(0.863)	691898	50.0000	51.6	
\$ 93 4-Bromofluorobenzene (S)	95	6.665	6.665	(1.148)	229765	50.0000	49.6	
94 Bromobenzene	156	6.780	6.780	(0.899)	152946	50.0000	53.0	
95 1,1,2,2-Tetrachloroethane	83	6.786	6.786	(0.900)	144133	50.0000	47.0	
98 n-Propylbenzene	91	6.817	6.817	(0.904)	810393	50.0000	52.3	
96 1,2,3-Trichloropropane	110	6.835	6.835	(0.906)	49484	50.0000	48.9	
97 trans-1,4-Dichloro-2-butene	53	6.841	6.841	(0.907)	41743	50.0000	48.1	
103 n-Decane	43	6.896	6.896	(1.188)	114943	50.0000	57.0 (Q)	
99 2-Chlorotoluene	91	6.908	6.908	(0.916)	546392	50.0000	51.6	
100 4-Ethyltoluene	105	6.902	6.902	(0.915)	714575	50.0000	54.2	
101 1,3,5-Trimethylbenzene	105	6.957	6.957	(0.922)	559107	50.0000	51.6	
102 4-Chlorotoluene	91	7.000	7.000	(0.928)	479823	50.0000	50.4	
104 tert-Butylbenzene	119	7.195	7.195	(0.954)	467246	50.0000	51.3	
105 Pentachloroethane	167	7.244	7.244	(0.960)	75536	50.0000	51.9	
106 1,2,4-Trimethylbenzene	105	7.244	7.244	(0.960)	561617	50.0000	54.1	
107 sec-Butylbenzene	105	7.360	7.360	(0.976)	702061	50.0000	53.1	
109 d-Limonene	136	7.427	7.427	(1.279)	32524	50.0000	51.4	
110 p-Isopropyltoluene	119	7.475	7.475	(0.991)	586610	50.0000	54.1	
108 1,3-Dichlorobenzene	146	7.488	7.488	(0.993)	291476	50.0000	55.7	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)	239017	50.0000		
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.003)	296215	50.0000	55.3	
113 1,2,3-Trimethylbenzene	105	7.573	7.573	(1.004)	572043	50.0000	54.0	
114 Benzyl chloride	91	7.670	7.670	(1.017)	269960	50.0000	49.2	
115 trans-Decalin	138	7.768	7.768	(1.030)	115734	50.0000	54.0	
116 1,4-Diethylbenzene	119	7.774	7.774	(1.031)	328453	50.0000	55.7	
117 n-Butylbenzene	91	7.792	7.792	(1.033)	631388	50.0000	54.8	
119 n-Undecane	43	7.817	7.817	(1.036)	101939	50.0000	83.4 (Q)	
118 1,2-Dichlorobenzene	146	7.853	7.853	(1.041)	270483	50.0000	54.4	
120 cis-Decalin	138	8.207	8.207	(1.088)	91685	50.0000	52.7	
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.113)	460610	50.0000	64.5	
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	23608	50.0000	43.5	
123 n-Dodecane	43	8.670	8.670	(1.150)	75284	50.0000	(Q)	
124 1,2,4-Trichlorobenzene	180	9.115	9.115	(1.209)	125233	50.0000	52.9	
125 Hexachloro-1,3-butadiene	225	9.207	9.207	(1.221)	53787	50.0000	49.4	
126 Naphthalene	128	9.329	9.329	(1.237)	314207	50.0000	52.9	
127 1,2,3-Trichlorobenzene	180	9.560	9.560	(1.268)	96179	50.0000	47.2	

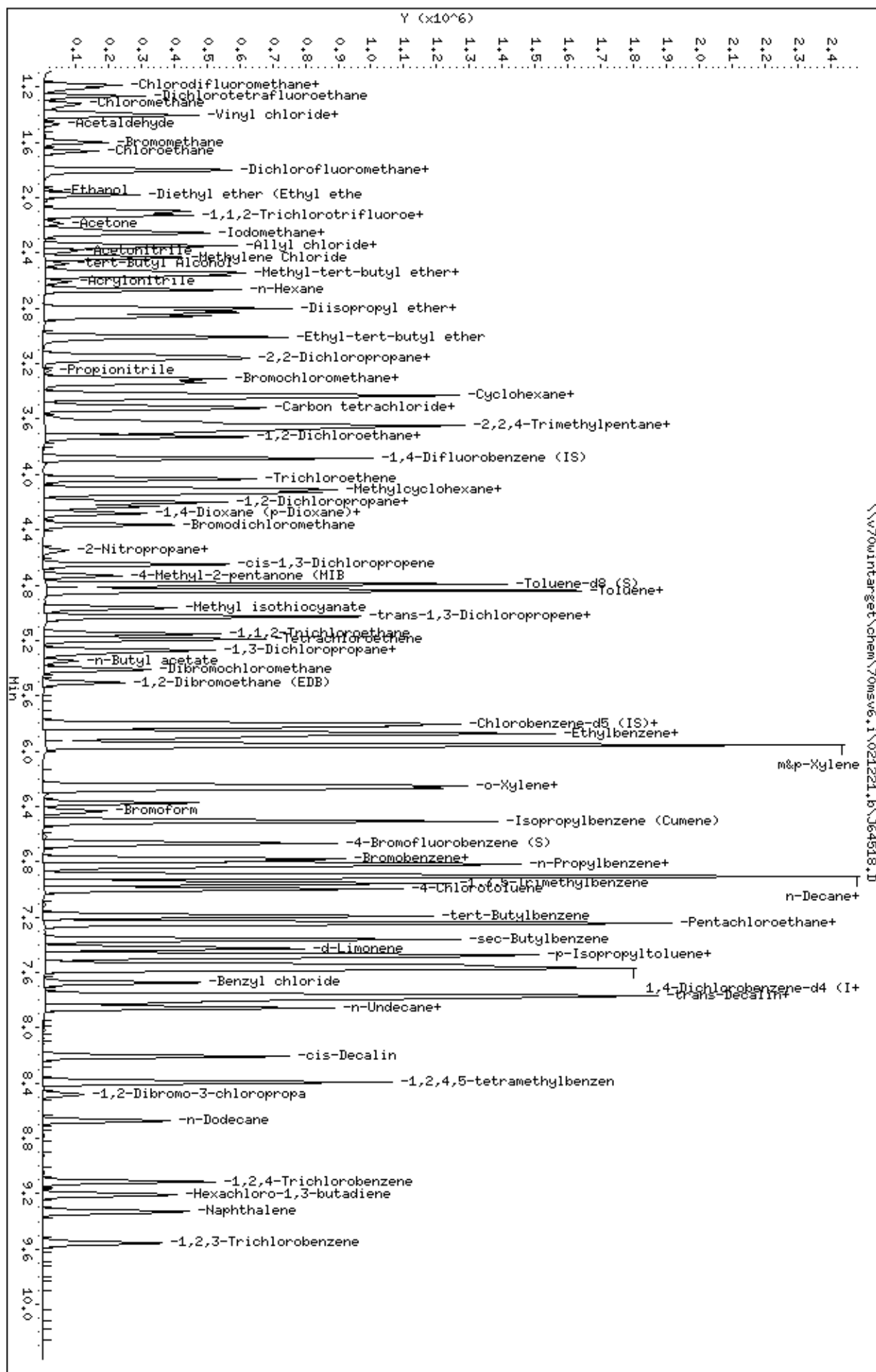
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64518.D
Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\w70wintarget\chem\70msv6.i\021221.b\J64518.D
 Date : 12-FEB-2021 10:09
 Client ID: CCV
 Sample Info: CCV, 106242:1
 Purge Volume: 5.0
 Column phase: RTX-624

Instrument: 70msv6.i
 Operator: BBL
 Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64518.D
Injection Date: 12-FEB-2021 10:09
Instrument: 70msv6.i
Lab Sample ID: CCV, 106242:1
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

Date : 07-DEC-2020 14:37

Client ID: TUNE

Sample Info: TUNE, 103004:1

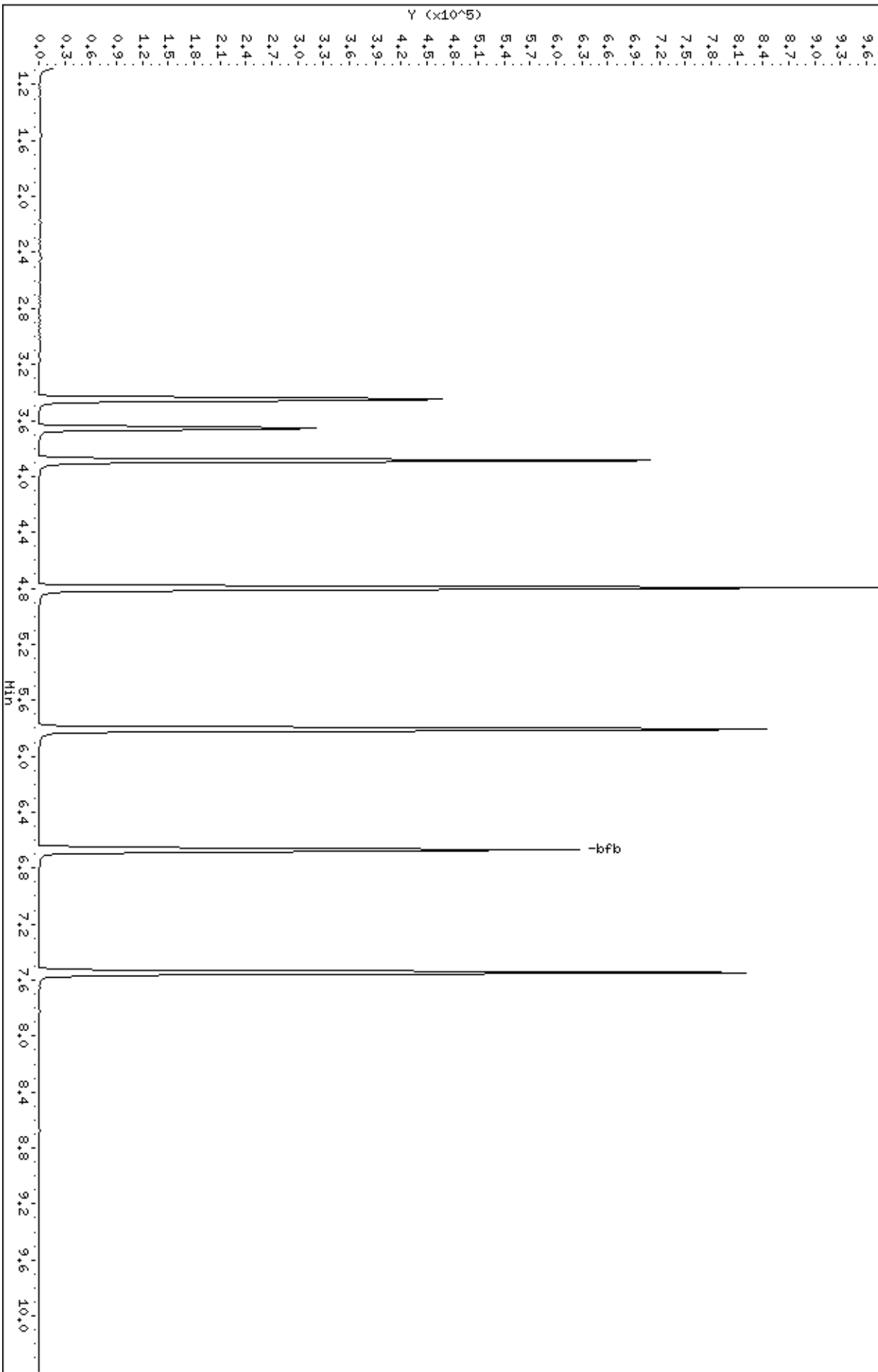
Instrument: 70msv6.i

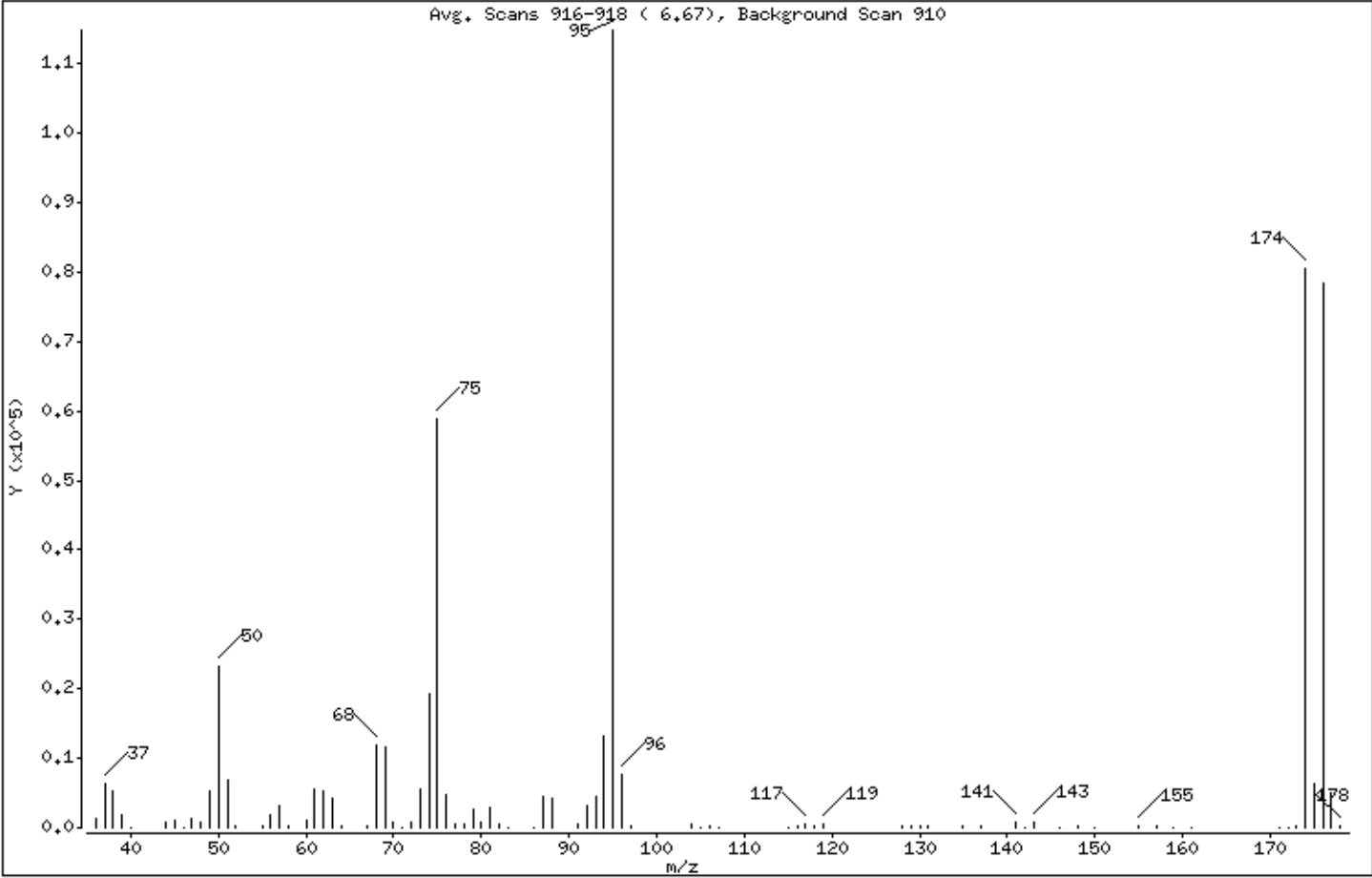
Operator: BBL

Column diameter: 0.18

Column phase: DB-624

\\v70wintarget\chem\70msv6.i\120720.b\J63311.D





m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.17
75	30.00 - 60.00% of mass 95	51.20
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.33 (0.47)
174	50.00 - 100.00% of mass 95	70.09
175	5.00 - 9.00% of mass 174	5.48 (7.82)
176	95.00 - 101.00% of mass 174	68.19 (97.29)
177	5.00 - 9.00% of mass 176	4.34 (6.37)

Data File: J63311.D							
Spectrum: Avg. Scans 916-918 (6.67), Background Scan 910							
Location of Maximum: 95.00							
Number of points: 83							
m/z	Y	m/z	Y	m/z	Y	m/z	Y
+-----+-----+-----+-----+-----+-----+-----+-----+							
36.00	1255	63.00	4221	88.00	4212	135.00	188
37.00	6290	64.00	366	91.00	413	137.00	149
38.00	5353	67.00	381	92.00	3093	141.00	840
39.00	1911	68.00	11993	93.00	4599	142.00	67
40.00	122	69.00	11625	94.00	13204	143.00	827
+-----+-----+-----+-----+-----+-----+-----+-----+							
44.00	721	70.00	866	95.00	114808	146.00	101
45.00	1033	71.00	43	96.00	7651	148.00	218
46.00	76	72.00	763	97.00	280	150.00	80
47.00	1277	73.00	5565	104.00	453	155.00	252
48.00	688	74.00	19272	105.00	97	157.00	157
+-----+-----+-----+-----+-----+-----+-----+-----+							
49.00	5335	75.00	58784	106.00	366	159.00	77
50.00	23160	76.00	4675	107.00	91	161.00	103
51.00	6945	77.00	575	115.00	123	171.00	39
52.00	294	78.00	501	116.00	292	172.00	73
55.00	353	79.00	2634	117.00	579	173.00	377
+-----+-----+-----+-----+-----+-----+-----+-----+							
56.00	1761	80.00	907	118.00	333	174.00	80472
57.00	3096	81.00	2958	119.00	515	175.00	6296
58.00	160	82.00	591	128.00	318	176.00	78288
60.00	1024	83.00	34	129.00	175	177.00	4986
61.00	5528	86.00	78	130.00	380	178.00	144
+-----+-----+-----+-----+-----+-----+-----+-----+							
62.00	5227	87.00	4541	131.00	142		
+-----+-----+-----+-----+-----+-----+-----+-----+							

Date : 12-FEB-2021 09:15

Client ID: TUNE

Sample Info: TUNE, 105739:1

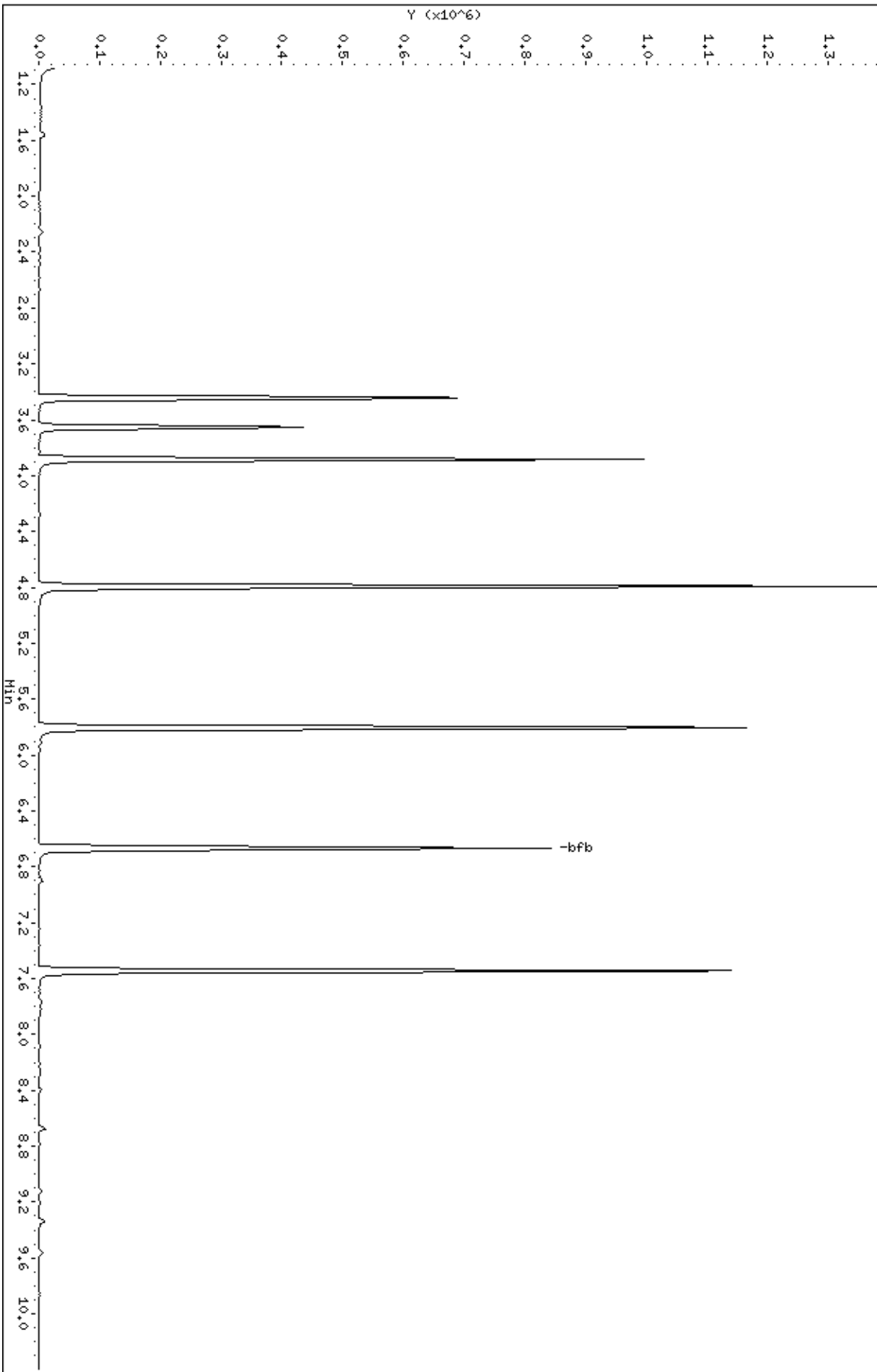
Instrument: 70msv6.i

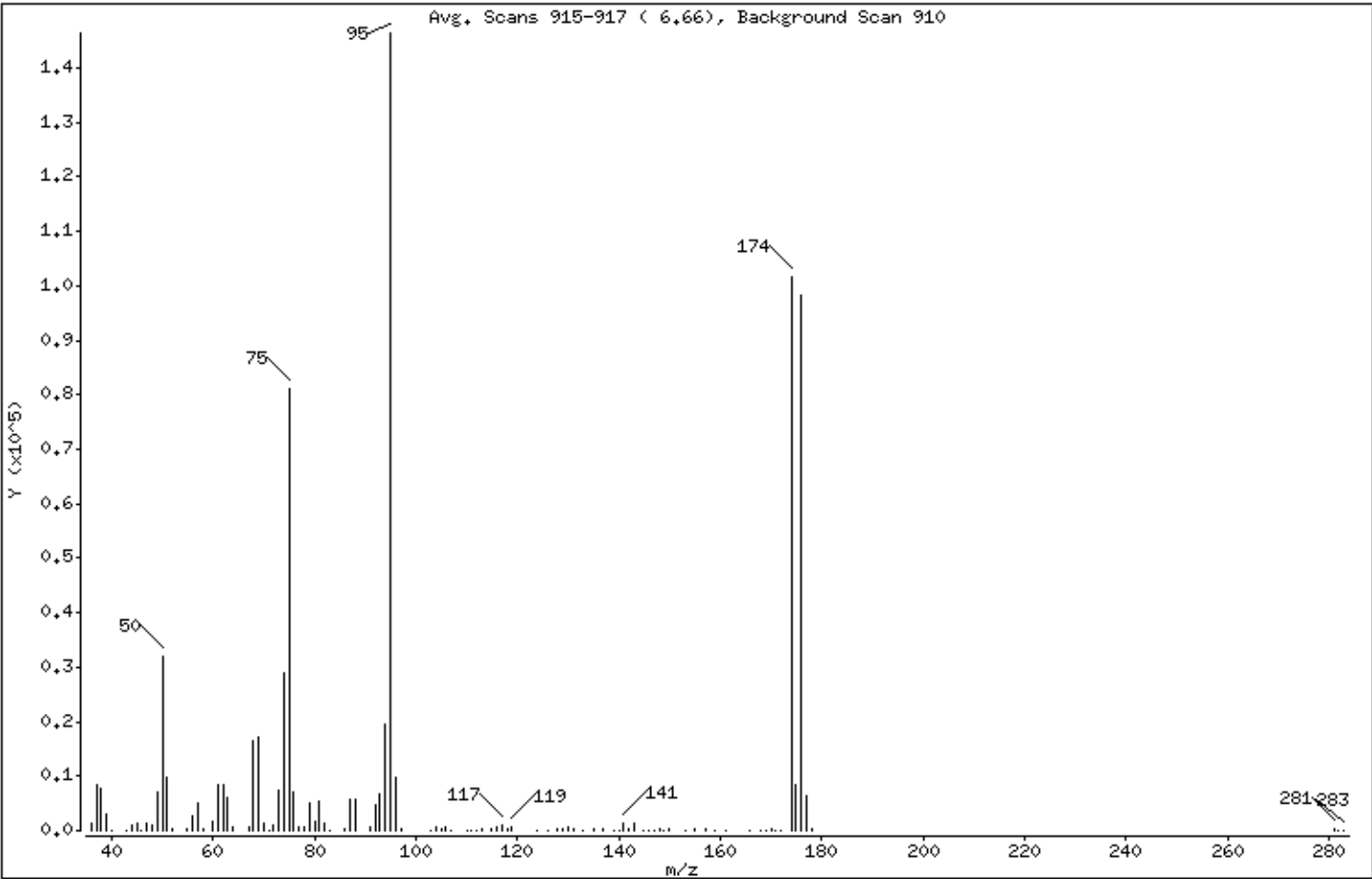
Operator: BBL

Column diameter: 0.18

Column phase: DB-624

\\v70wintarget\chem\70msv6.i\021221.b\J64517.D





m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.94
75	30.00 - 60.00% of mass 95	55.49
96	5.00 - 9.00% of mass 95	6.57
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	69.42
175	5.00 - 9.00% of mass 174	5.83 (8.40)
176	95.00 - 101.00% of mass 174	67.13 (96.71)
177	5.00 - 9.00% of mass 176	4.31 (6.42)

Data File: J64517.D							
Spectrum: Avg. Scans 915-917 (6.66), Background Scan 910							
Location of Maximum: 95.00							
Number of points: 104							
m/z	Y	m/z	Y	m/z	Y	m/z	Y
+-----+-----+-----+-----+-----+-----+-----+-----+							
36.00	1460	70.00	1435	106.00	713	147.00	76
37.00	8403	71.00	33	107.00	127	148.00	350
38.00	7744	72.00	1002	110.00	40	149.00	70
39.00	2937	73.00	7497	111.00	153	150.00	170
40.00	101	74.00	29080	112.00	125	153.00	94
+-----+-----+-----+-----+-----+-----+-----+-----+							
43.00	121	75.00	81216	113.00	176	155.00	393
44.00	1099	76.00	7224	115.00	180	157.00	231
45.00	1472	77.00	817	116.00	580	159.00	137
46.00	58	78.00	647	117.00	956	161.00	98
47.00	1497	79.00	5173	118.00	428	166.00	35
+-----+-----+-----+-----+-----+-----+-----+-----+							
48.00	1060	80.00	1533	119.00	794	168.00	37
49.00	7040	81.00	5353	124.00	83	169.00	139
50.00	32120	82.00	1191	126.00	39	170.00	217
51.00	9729	83.00	151	128.00	504	171.00	97
52.00	428	86.00	247	129.00	214	172.00	95
+-----+-----+-----+-----+-----+-----+-----+-----+							
55.00	456	87.00	5593	130.00	546	174.00	101608
56.00	2581	88.00	5557	131.00	181	175.00	8535
57.00	5052	91.00	612	133.00	77	176.00	98264
58.00	237	92.00	4563	135.00	201	177.00	6304
60.00	1515	93.00	6888	137.00	222	178.00	223
+-----+-----+-----+-----+-----+-----+-----+-----+							
61.00	8324	94.00	19416	139.00	35	281.00	346
62.00	8543	95.00	146368	140.00	125	282.00	41
63.00	6012	96.00	9617	141.00	1309	283.00	50
64.00	505	97.00	297	142.00	219		
67.00	647	103.00	38	143.00	1300		
+-----+-----+-----+-----+-----+-----+-----+-----+							
68.00	16632	104.00	763	145.00	66		
69.00	17016	105.00	229	146.00	155		
+-----+-----+-----+-----+-----+-----+-----+-----+							

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BLANK

Lab Name: Pace Analytical - New York

Contract: SUTTER AVENUE 2/10

Date Received: _____

Matrix: Water SDG No.: 70162103

Date Extracted: 02/12/2021 11:09

Lab Sample ID: 964040

Date Analyzed: 02/12/2021 11:09

Lab File ID: 021221.B\J64519.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Instrument: 70MSV6 Percent Moisture: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	<5.0	U
74-97-5	Bromochloromethane	<1.0	U
75-27-4	Bromodichloromethane	<1.0	U
56-23-5	Carbon tetrachloride	<1.0	U
75-00-3	Chloroethane	<1.0	U
67-66-3	Chloroform	<1.0	U
74-87-3	Chloromethane	<1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	<1.0	U
124-48-1	Dibromochloromethane	<1.0	U
110-57-6	trans-1,4-Dichloro-2-butene	<1.0	U
75-34-3	1,1-Dichloroethane	<1.0	U
75-35-4	1,1-Dichloroethene	<1.0	U
156-59-2	cis-1,2-Dichloroethene	<1.0	U
156-60-5	trans-1,2-Dichloroethene	<1.0	U
78-87-5	1,2-Dichloropropane	<1.0	U
10061-01-5	cis-1,3-Dichloropropene	<1.0	U
10061-02-6	trans-1,3-Dichloropropene	<1.0	U
75-09-2	Methylene Chloride	<1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	<1.0	U
127-18-4	Tetrachloroethene	<1.0	U
71-55-6	1,1,1-Trichloroethane	<1.0	U
79-00-5	1,1,2-Trichloroethane	<1.0	U
79-01-6	Trichloroethene	<1.0	U
75-69-4	Trichlorofluoromethane	<1.0	U
96-18-4	1,2,3-Trichloropropane	<1.0	U
75-01-4	Vinyl chloride	<1.0	U

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64519.D
Lab Smp Id: 964040 Client Smp ID: MB
Inj Date : 12-FEB-2021 11:09 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 964040,
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS			
		QUANT SIG					ON-COLUMN	FINAL	
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)	REVIEW C	
=====	=====	=====	=====	=====	=====	=====	=====	=====	
1 Chlorodifluoromethane	51	Compound	Not	Detected.					
2 Dichlorotetrafluoroethane	135	Compound	Not	Detected.					
3 Dichlorodifluoromethane	85	Compound	Not	Detected.					
4 Chloromethane	50	Compound	Not	Detected.					
5 Vinyl chloride	62	Compound	Not	Detected.					
6 1,3-Butadiene	54	Compound	Not	Detected.					
7 Acetaldehyde	44	Compound	Not	Detected.				(D)	
8 Bromomethane	94	Compound	Not	Detected.					
9 Chloroethane	64	Compound	Not	Detected.					
10 Dichlorofluoromethane	67	Compound	Not	Detected.					
11 Trichlorofluoromethane	101	Compound	Not	Detected.					
12 Ethanol	45	Compound	Not	Detected.					
13 Diethyl ether (Ethyl ether)	59	Compound	Not	Detected.					
16 1,1,2-Trichlorotrifluoroethane	101	Compound	Not	Detected.					
14 Acrolein	56	Compound	Not	Detected.					
15 1,1-Dichloroethene	96	Compound	Not	Detected.					
17 Acetone	43	Compound	Not	Detected.					
18 Iodomethane	142	Compound	Not	Detected.					
19 2-Propanol	45	Compound	Not	Detected.					
20 Carbon disulfide	76	Compound	Not	Detected.					
21 Allyl chloride	76	Compound	Not	Detected.					
22 Acetonitrile	41	Compound	Not	Detected.					

Compounds	QUANT SIG	CONCENTRATIONS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN		FINAL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
23 Methyl acetate	43	Compound	Not	Detected.					
24 Methylene Chloride	84	Compound	Not	Detected.					
25 tert-Butyl Alcohol	59	Compound	Not	Detected.					
28 Methyl-tert-butyl ether	73	Compound	Not	Detected.					
27 trans-1,2-Dichloroethene	96	Compound	Not	Detected.					
26 Acrylonitrile	53	Compound	Not	Detected.					
30 n-Hexane	57	Compound	Not	Detected.					
29 Diisopropyl ether	45	Compound	Not	Detected.					
32 Vinyl acetate	43	Compound	Not	Detected.					
31 1,1-Dichloroethane	63	Compound	Not	Detected.					
33 Chloroprene	53	Compound	Not	Detected.					
34 Ethyl-tert-butyl ether	59	Compound	Not	Detected.					
36 2,2-Dichloropropane	77	Compound	Not	Detected.					
35 cis-1,2-Dichloroethene	96	Compound	Not	Detected.					
39 Ethyl acetate	61	Compound	Not	Detected.					
37 2-Butanone (MEK)	43	Compound	Not	Detected.					
41 Bromochloromethane	128	Compound	Not	Detected.					
42 Tetrahydrofuran	42	Compound	Not	Detected.					
43 Chloroform	83	Compound	Not	Detected.					
38 Propionitrile	54	Compound	Not	Detected.					
46 Cyclohexane	56	Compound	Not	Detected.					
45 1,1,1-Trichloroethane	97	Compound	Not	Detected.					
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	279377	50.0000	(Q)		
48 Carbon tetrachloride	117	Compound	Not	Detected.				(D)	
47 1,1-Dichloropropene	75	Compound	Not	Detected.				(D)	
55 2,2,4-Trimethylpentane	57	Compound	Not	Detected.					
51 Benzene	78	Compound	Not	Detected.					
40 Methacrylonitrile	67	Compound	Not	Detected.					
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	187766	49.7294	49.7		
56 tert-Amylmethyl ether	73	Compound	Not	Detected.					
52 1,2-Dichloroethane	62	Compound	Not	Detected.					
57 n-Heptane	43	Compound	Not	Detected.					
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	498867	50.0000			
59 Trichloroethene	95	Compound	Not	Detected.					
60 Methylcyclohexane	83	Compound	Not	Detected.					
49 Isobutanol	43	Compound	Not	Detected.					
53 tert-Amyl Alcohol	59	Compound	Not	Detected.					
54 tert-Amyl ethyl ether	59	Compound	Not	Detected.					
61 1,2-Dichloropropane	63	Compound	Not	Detected.					
63 Methyl methacrylate	69	Compound	Not	Detected.					
64 1,4-Dioxane (p-Dioxane)	88	Compound	Not	Detected.					
62 Dibromomethane	93	Compound	Not	Detected.					
65 Bromodichloromethane	83	Compound	Not	Detected.					
66 2-Nitropropane	43	Compound	Not	Detected.					
67 2-Chloroethylvinyl ether	63	Compound	Not	Detected.					
68 cis-1,3-Dichloropropene	75	Compound	Not	Detected.					
69 4-Methyl-2-pentanone (MIBK)	43	Compound	Not	Detected.				(D)	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	618454	53.5961	53.6		
71 Toluene	91	Compound	Not	Detected.					
72 Methyl isothiocyanate	73	Compound	Not	Detected.					
74 trans-1,3-Dichloropropene	75	Compound	Not	Detected.					
75 Ethyl methacrylate	69	Compound	Not	Detected.					
76 1,1,2-Trichloroethane	83	Compound	Not	Detected.					
77 Tetrachloroethene	166	Compound	Not	Detected.					

Compounds	QUANT SIG							CONCENTRATIONS		REVIEW C
		RT	EXP	RT	REL	RT	RESPONSE	ON-COLUMN	FINAL	
=====	=====	=====	=====	=====	=====	=====	=====	(ug/L)	(ug/L)	=====
78 1,3-Dichloropropane	76	Compound	Not	Detected.						
79 2-Hexanone	43	Compound	Not	Detected.						
73 n-Octane	43	Compound	Not	Detected.						
81 n-Butyl acetate	43	Compound	Not	Detected.						
80 Dibromochloromethane	129	Compound	Not	Detected.						
82 1,2-Dibromoethane (EDB)	107	Compound	Not	Detected.						
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)		254094	50.0000			
84 Chlorobenzene	112	Compound	Not	Detected.						
86 Ethylbenzene	106	Compound	Not	Detected.						
85 1,1,1,2-Tetrachloroethane	131	Compound	Not	Detected.						
88 n-Nonane	43	Compound	Not	Detected.						
87 m&p-Xylene	106	Compound	Not	Detected.						
89 o-Xylene	106	Compound	Not	Detected.						
90 Styrene	104	Compound	Not	Detected.						
91 Bromoform	173	Compound	Not	Detected.						
92 Isopropylbenzene (Cumene)	105	Compound	Not	Detected.						
\$ 93 4-Bromofluorobenzene (S)	95	6.664	6.665	(1.148)		216729	49.3905	49.4		
94 Bromobenzene	156	Compound	Not	Detected.						
95 1,1,2,2-Tetrachloroethane	83	Compound	Not	Detected.						
98 n-Propylbenzene	91	Compound	Not	Detected.						
96 1,2,3-Trichloropropane	110	Compound	Not	Detected.						
97 trans-1,4-Dichloro-2-butene	53	Compound	Not	Detected.						
103 n-Decane	43	Compound	Not	Detected.						
99 2-Chlorotoluene	91	Compound	Not	Detected.						
100 4-Ethyltoluene	105	Compound	Not	Detected.						
101 1,3,5-Trimethylbenzene	105	Compound	Not	Detected.						
102 4-Chlorotoluene	91	Compound	Not	Detected.						
104 tert-Butylbenzene	119	Compound	Not	Detected.						
105 Pentachloroethane	167	Compound	Not	Detected.						
106 1,2,4-Trimethylbenzene	105	Compound	Not	Detected.						
107 sec-Butylbenzene	105	Compound	Not	Detected.						
109 d-Limonene	136	Compound	Not	Detected.						
110 p-Isopropyltoluene	119	Compound	Not	Detected.						
108 1,3-Dichlorobenzene	146	Compound	Not	Detected.						
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)		221761	50.0000			
112 1,4-Dichlorobenzene	146	Compound	Not	Detected.						
113 1,2,3-Trimethylbenzene	105	Compound	Not	Detected.						
114 Benzyl chloride	91	Compound	Not	Detected.						
115 trans-Decalin	138	Compound	Not	Detected.						
116 1,4-Diethylbenzene	119	Compound	Not	Detected.						
117 n-Butylbenzene	91	Compound	Not	Detected.						
119 n-Undecane	43	Compound	Not	Detected.						(D)
118 1,2-Dichlorobenzene	146	Compound	Not	Detected.						
120 cis-Decalin	138	Compound	Not	Detected.						
121 1,2,4,5-tetramethylbenzene	119	Compound	Not	Detected.						
122 1,2-Dibromo-3-chloropropane	75	Compound	Not	Detected.						
123 n-Dodecane	43	Compound	Not	Detected.						(D)
124 1,2,4-Trichlorobenzene	180	Compound	Not	Detected.						
125 Hexachloro-1,3-butadiene	225	Compound	Not	Detected.						
126 Naphthalene	128	Compound	Not	Detected.						
127 1,2,3-Trichlorobenzene	180	Compound	Not	Detected.						

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64519.D
Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.
D - User disabled compound identification.

Review Codes Legend

:

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64519.D
Report Date: 15-Feb-2021 11:54

Pace Analytical Services, Inc.

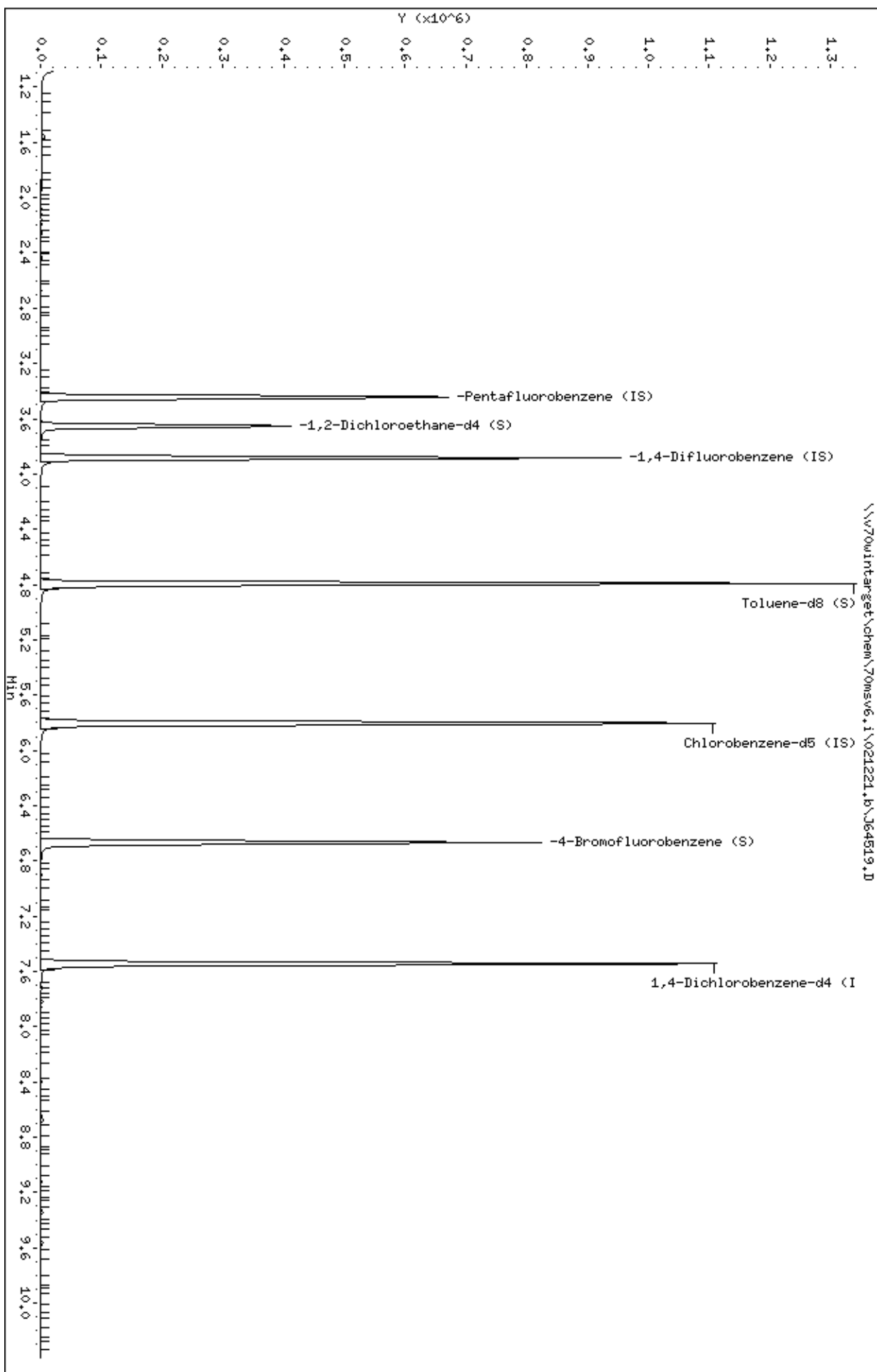
SW846-8260C-D/EPA 624.1

Data file :	\\v70wintarget\chem\70msv6.i\021221.b\J64519.D	
Lab Smp Id:	964040	Client Smp ID: MB
Inj Date :	12-FEB-2021 11:09	MS Autotune Date: 01-NOV-2020 09:5
Operator :	BBL	Inst ID: 70msv6.i
Smp Info :	964040,	
Misc Info :	11006,	
Comment :		
Method :	\\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m	
Meth Date :	15-Feb-2021 11:21 mferrari	Quant Type: ISTD
Cal Date :	07-DEC-2020 16:21	Cal File: J63316.D
Als bottle:	3	QC Sample: BLANK
Dil Factor:	1.00000	
Integrator:	HP RTE	Compound Sublist: 8260.sub
Target Version:	RC10A	
Processing Host:	70MSV5WS10B6	

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\w70wintarget\chem\70msv6.i\021221.b\J64519.D
Date : 12-FEB-2021 11:09
Client ID: HB
Sample Info: 964040,
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64519.D
Injection Date: 12-FEB-2021 11:09
Instrument: 70msv6.i
Lab Sample ID: 964040
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LCS

Lab Name: Pace Analytical - New York

Contract: SUTTER AVENUE 2/10

Date Received: _____

Matrix: Water SDG No.: 70162103

Date Extracted: 02/12/2021 11:30

Lab Sample ID: 964041

Date Analyzed: 02/12/2021 11:30

Lab File ID: 021221.B\J64520.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Instrument: 70MSV6 Percent Moisture: _____

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	35.4	
74-97-5	Bromochloromethane	54.0	
75-27-4	Bromodichloromethane	46.7	
56-23-5	Carbon tetrachloride	44.7	
75-00-3	Chloroethane	41.8	
67-66-3	Chloroform	48.9	
74-87-3	Chloromethane	37.3	
96-12-8	1,2-Dibromo-3-chloropropane	42.5	
124-48-1	Dibromochloromethane	53.4	
110-57-6	trans-1,4-Dichloro-2-butene	47.4	
75-34-3	1,1-Dichloroethane	46.0	
75-35-4	1,1-Dichloroethene	46.7	
156-59-2	cis-1,2-Dichloroethene	49.3	
156-60-5	trans-1,2-Dichloroethene	49.6	
78-87-5	1,2-Dichloropropane	42.8	
10061-01-5	cis-1,3-Dichloropropene	45.0	
10061-02-6	trans-1,3-Dichloropropene	49.0	
75-09-2	Methylene Chloride	45.8	
79-34-5	1,1,2,2-Tetrachloroethane	45.6	
127-18-4	Tetrachloroethene	46.8	
71-55-6	1,1,1-Trichloroethane	46.4	
79-00-5	1,1,2-Trichloroethane	47.9	
79-01-6	Trichloroethene	46.2	
75-69-4	Trichlorofluoromethane	50.1	
96-18-4	1,2,3-Trichloropropane	47.9	
75-01-4	Vinyl chloride	39.0	

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Lab Smp Id: 964041 Client Smp ID: MBLCS
Inj Date : 12-FEB-2021 11:30 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 964041, 104750:1.25
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						REVIEW C	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN		FINAL
							(ug/L)		(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	
1 Chlorodifluoromethane	51	1.202	1.202	(0.349)	128838	37.9269	37.9		
2 Dichlorotetrafluoroethane	135	1.263	1.263	(0.367)	60111	41.1305	41.1		
3 Dichlorodifluoromethane	85	1.184	1.184	(0.344)	111115	35.5770	35.6 (Q)		
4 Chloromethane	50	1.318	1.318	(0.383)	115322	37.2703	37.3		
5 Vinyl chloride	62	1.385	1.385	(0.402)	129266	38.9763	39.0		
6 1,3-Butadiene	54	1.403	1.403	(0.407)	92910	38.9680	39.0		
7 Acetaldehyde	44	1.470	1.464	(0.427)	21022	35.9700	36.0		
8 Bromomethane	94	1.599	1.598	(0.464)	75641	72.8903	72.9 (R)		
9 Chloroethane	64	1.666	1.666	(0.483)	84927	41.8070	41.8		
10 Dichlorofluoromethane	67	1.794	1.794	(0.521)	198240	47.7895	47.8		
11 Trichlorofluoromethane	101	1.806	1.806	(0.524)	177322	50.1334	50.1		
12 Ethanol	45	1.946	1.946	(0.565)	18672	1439.56	1440		
13 Diethyl ether (Ethyl ether)	59	1.976	1.976	(0.574)	99138	44.1788	44.2		
16 1,1,2-Trichlorotrifluoroethane	101	2.098	2.098	(0.609)	116838	50.7769	50.8		
14 Acrolein	56	2.098	2.098	(0.609)	14328	30.3196	30.3 (R)		
15 1,1-Dichloroethene	96	2.123	2.123	(0.616)	97552	46.6542	46.6		
17 Acetone	43	2.184	2.184	(0.634)	29108	35.4404	35.4		
18 Iodomethane	142	2.233	2.232	(0.648)	127665	62.7055	62.7		
19 2-Propanol	45	2.251	2.251	(0.653)	134037	1348.71	1350		
20 Carbon disulfide	76	2.257	2.257	(0.655)	290179	45.4067	45.4		
21 Allyl chloride	76	2.342	2.342	(0.680)	72957	49.2749	49.3		
22 Acetonitrile	41	2.385	2.385	(0.692)	61247	209.837	210		

Compounds	QUANT SIG					CONCENTRATIONS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
23 Methyl acetate	43	2.354	2.354	(0.683)	149242	43.3040	43.3	
24 Methylene Chloride	84	2.434	2.434	(0.706)	121711	45.8465	45.8	
25 tert-Butyl Alcohol	59	2.476	2.476	(0.719)	50624	274.104	274	
28 Methyl-tert-butyl ether	73	2.543	2.543	(0.738)	394104	50.5608	50.6	
27 trans-1,2-Dichloroethene	96	2.562	2.562	(0.743)	115917	49.6421	49.6	
26 Acrylonitrile	53	2.604	2.604	(0.756)	36584	42.5531	42.6	
30 n-Hexane	57	2.665	2.665	(0.774)	152721	39.6971	39.7	
29 Diisopropyl ether	45	2.800	2.799	(0.812)	356767	41.7477	41.7	
32 Vinyl acetate	43	2.830	2.830	(0.821)	256051	45.3490	45.3	
31 1,1-Dichloroethane	63	2.824	2.824	(0.820)	212205	45.9531	46.0	
33 Chloroprene	53	2.854	2.854	(0.828)	159503	43.4413	43.4	
34 Ethyl-tert-butyl ether	59	3.007	3.007	(0.873)	374827	43.6416	43.6	
36 2,2-Dichloropropane	77	3.141	3.141	(0.912)	193575	47.5660	47.6	
35 cis-1,2-Dichloroethene	96	3.159	3.159	(0.917)	138942	49.2789	49.3	
39 Ethyl acetate	61	3.159	3.159	(0.917)	197090	44.6056	44.6	
37 2-Butanone (MEK)	43	3.171	3.171	(0.920)	82129	37.1403	37.1	
41 Bromochloromethane	128	3.306	3.305	(0.959)	63415	53.9665	54.0	
42 Tetrahydrofuran	42	3.312	3.312	(0.961)	31833	38.3792	38.4	
43 Chloroform	83	3.336	3.336	(0.968)	218361	48.8947	48.9	
38 Propionitrile	54	3.251	3.251	(0.943)	13066	39.4573	39.4	
46 Cyclohexane	56	3.421	3.421	(0.993)	208705	37.9248	37.9	
45 1,1,1-Trichloroethane	97	3.427	3.427	(0.882)	191691	46.4150	46.4	
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	280757	50.0000		
48 Carbon tetrachloride	117	3.507	3.507	(0.903)	145370	44.7349	44.7	
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	170800	44.5562	44.6	
55 2,2,4-Trimethylpentane	57	3.623	3.622	(1.051)	273746	36.7094	36.7	
51 Benzene	78	3.647	3.647	(0.939)	447938	43.2624	43.3	
40 Methacrylonitrile	67	3.318	3.318	(0.963)	48426	46.2227	46.2	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	190955	48.8498	48.8	
56 tert-Amylmethyl ether	73	3.677	3.677	(1.067)	366165	46.3691	46.4	
52 1,2-Dichloroethane	62	3.696	3.696	(1.073)	180569	49.3797	49.4	
57 n-Heptane	43	3.726	3.726	(1.081)	142037	35.4132	35.4	
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	516475	50.0000		
59 Trichloroethene	95	4.031	4.031	(1.038)	127262	46.2244	46.2	
60 Methylcyclohexane	83	4.110	4.110	(1.058)	229530	43.9610	44.0	
49 Isobutanol	43	3.586	3.592	(1.041)	15355	199.954	200	
53 tert-Amyl Alcohol	59	Compound Not Detected.						
54 tert-Amyl ethyl ether	59	4.135	4.135	(1.200)	286412	42.3113	42.3	
61 1,2-Dichloropropane	63	4.202	4.202	(1.082)	116570	42.8180	42.8	
63 Methyl methacrylate	69	4.232	4.232	(1.089)	84441	45.1215	45.1	
64 1,4-Dioxane (p-Dioxane)	88	4.269	4.269	(1.099)	24488	1790.20	1790 (R)	
62 Dibromomethane	93	4.281	4.281	(1.102)	78726	52.0041	52.0	
65 Bromodichloromethane	83	4.360	4.366	(1.122)	169624	46.6743	46.7	
66 2-Nitropropane	43	4.549	4.549	(1.171)	23773	18.0792	18.1 (R)	
67 2-Chloroethylvinyl ether	63	Compound Not Detected.						
68 cis-1,3-Dichloropropene	75	4.647	4.647	(1.196)	202138	45.0086	45.0	
69 4-Methyl-2-pentanone (MIBK)	43	4.732	4.732	(1.218)	101288	38.8747	38.9	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	637365	53.0844	53.1	
71 Toluene	91	4.836	4.836	(1.245)	558062	48.0078	48.0	
72 Methyl isothiocyanate	73	4.964	4.964	(1.278)	201287	112.525	112	
74 trans-1,3-Dichloropropene	75	5.025	5.025	(1.293)	195494	49.0132	49.0	
75 Ethyl methacrylate	69	5.025	5.031	(1.293)	161424	46.8647	46.9	
76 1,1,2-Trichloroethane	83	5.153	5.153	(1.326)	93616	47.8731	47.9	
77 Tetrachloroethene	166	5.189	5.195	(0.894)	127858	46.8462	46.8	

Compounds	QUANT SIG					CONCENTRATIONS			REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL		
						(ug/L)	(ug/L)		
=====	=====	=====	=====	=====	=====	=====	=====	=====	
78 1,3-Dichloropropane	76	5.275	5.275	(0.909)	204920	49.9104	49.9		
79 2-Hexanone	43	5.293	5.293	(0.912)	66850	37.5280	37.5		
73 n-Octane	43	4.842	4.842	(1.246)	127514	31.6892	31.7 (Q)		
81 n-Butyl acetate	43	5.348	5.348	(1.377)	56099	39.8873	39.9		
80 Dibromochloromethane	129	5.409	5.409	(0.932)	114598	53.4112	53.4		
82 1,2-Dibromoethane (EDB)	107	5.506	5.506	(1.417)	120502	51.9239	51.9		
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	264388	50.0000			
84 Chlorobenzene	112	5.823	5.823	(1.003)	363492	52.9381	52.9		
86 Ethylbenzene	106	5.872	5.872	(1.012)	209329	51.6920	51.7		
85 1,1,1,2-Tetrachloroethane	131	5.884	5.884	(1.014)	119401	52.9798	53.0		
88 n-Nonane	43	5.903	5.903	(1.017)	91118	33.8584	33.8 (Q)		
87 m&p-Xylene	106	5.957	5.957	(1.026)	517538	104.780	105		
89 o-Xylene	106	6.250	6.250	(1.077)	248418	51.5449	51.5		
90 Styrene	104	6.268	6.268	(1.080)	420441	53.3453	53.3		
91 Bromoform	173	6.433	6.433	(1.108)	58923	49.0719	49.1		
92 Isopropylbenzene (Cumene)	105	6.506	6.506	(0.863)	659639	49.0488	49.0		
\$ 93 4-Bromofluorobenzene (S)	95	6.665	6.665	(1.148)	226506	49.6089	49.6		
94 Bromobenzene	156	6.780	6.780	(0.899)	147770	51.0500	51.0		
95 1,1,2,2-Tetrachloroethane	83	6.787	6.786	(0.900)	140045	45.5964	45.6		
98 n-Propylbenzene	91	6.817	6.817	(0.904)	778253	50.0959	50.1		
96 1,2,3-Trichloropropane	110	6.829	6.835	(0.905)	48676	47.9397	47.9		
97 trans-1,4-Dichloro-2-butene	53	6.841	6.841	(0.907)	41253	47.3869	47.4		
103 n-Decane	43	6.896	6.896	(1.188)	80452	40.4982	40.5 (Q)		
99 2-Chlorotoluene	91	6.908	6.908	(0.916)	517775	48.7377	48.7		
100 4-Ethyltoluene	105	6.902	6.902	(0.915)	680230	51.4315	51.4		
101 1,3,5-Trimethylbenzene	105	6.951	6.957	(0.922)	538393	49.5725	49.6		
102 4-Chlorotoluene	91	7.000	7.000	(0.928)	462237	48.4533	48.4		
104 tert-Butylbenzene	119	7.189	7.195	(0.953)	450079	49.3198	49.3		
105 Pentachloroethane	167	7.244	7.244	(0.960)	72441	49.6813	49.7		
106 1,2,4-Trimethylbenzene	105	7.244	7.244	(0.960)	542780	52.1749	52.2		
107 sec-Butylbenzene	105	7.360	7.360	(0.976)	668072	50.4326	50.4		
109 d-Limonene	136	7.427	7.427	(1.279)	29403	47.5813	47.6		
110 p-Isopropyltoluene	119	7.469	7.475	(0.990)	565213	52.0390	52.0		
108 1,3-Dichlorobenzene	146	7.488	7.488	(0.993)	280523	53.4796	53.5		
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)	239635	50.0000			
112 1,4-Dichlorobenzene	146	7.561	7.567	(1.002)	287779	53.5677	53.6		
113 1,2,3-Trimethylbenzene	105	7.573	7.573	(1.004)	558301	52.6136	52.6		
114 Benzyl chloride	91	7.671	7.670	(1.017)	255616	46.4889	46.5		
115 trans-Decalin	138	7.762	7.768	(1.029)	92994	43.2792	43.3		
116 1,4-Diethylbenzene	119	7.768	7.774	(1.030)	315153	53.3531	53.4		
117 n-Butylbenzene	91	7.792	7.792	(1.033)	603942	52.3381	52.3		
119 n-Undecane	43	7.817	7.817	(1.036)	63578	46.8424	46.8 (Q)		
118 1,2-Dichlorobenzene	146	7.853	7.853	(1.041)	267262	53.6263	53.6		
120 cis-Decalin	138	8.207	8.207	(1.088)	76774	44.0388	44.0		
121 1,2,4,5-tetramethylbenzene	119	8.390	8.396	(1.112)	445258	62.2186	62.2		
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	23081	42.4520	42.4		
123 n-Dodecane	43	8.670	8.670	(1.150)	44851	108.783	109 (Q)		
124 1,2,4-Trichlorobenzene	180	9.115	9.115	(1.209)	120619	50.8620	50.9		
125 Hexachloro-1,3-butadiene	225	9.207	9.207	(1.221)	45662	42.6454	42.6		
126 Naphthalene	128	9.329	9.329	(1.237)	312598	52.4951	52.5		
127 1,2,3-Trichlorobenzene	180	9.554	9.560	(1.267)	93652	45.8321	45.8		

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Report Date: 15-Feb-2021 11:54

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Review Codes Legend

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Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Report Date: 15-Feb-2021 11:54

Pace Analytical Services, Inc.

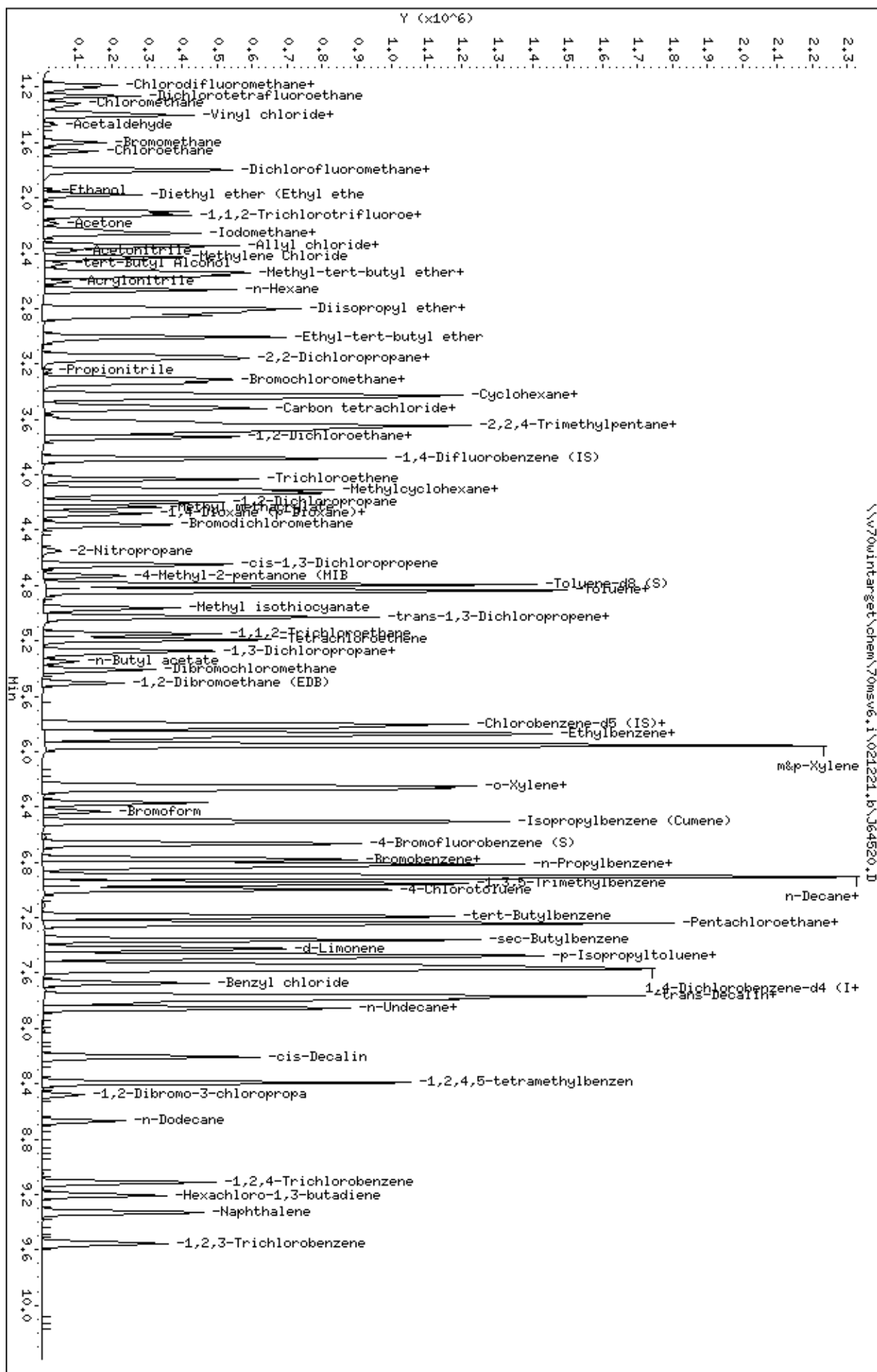
SW846-8260C-D/EPA 624.1

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Operator :	BBL	Inst ID: 70msv6.i
Smp Info :	964041, 104750:1.25	
Misc Info :	11006,	
Comment :		
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Meth Date :	15-Feb-2021 11:21 mferrari	Quant Type: ISTD
Cal Date :	07-DEC-2020 16:21	Cal File: J63316.D
Als bottle:	4	QC Sample: LCS
Dil Factor:	1.00000	
Integrator:	HP RTE	Compound Sublist: 8260.sub
Target Version:	RC10A	
Processing Host:	70MSV5WS10B6	

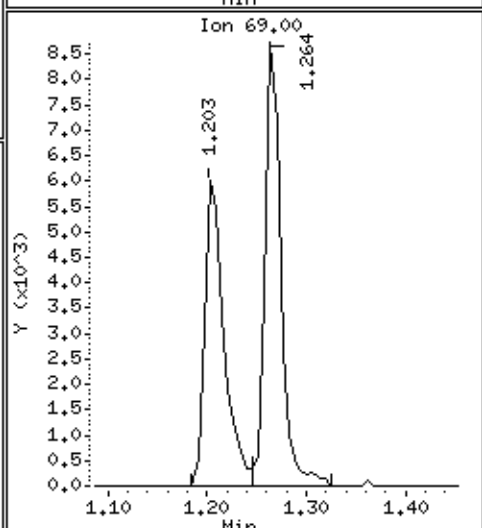
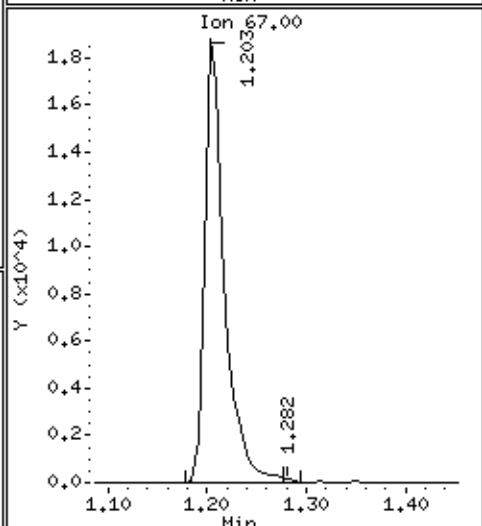
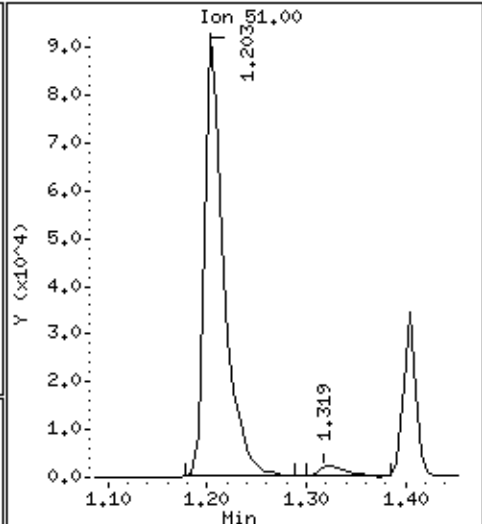
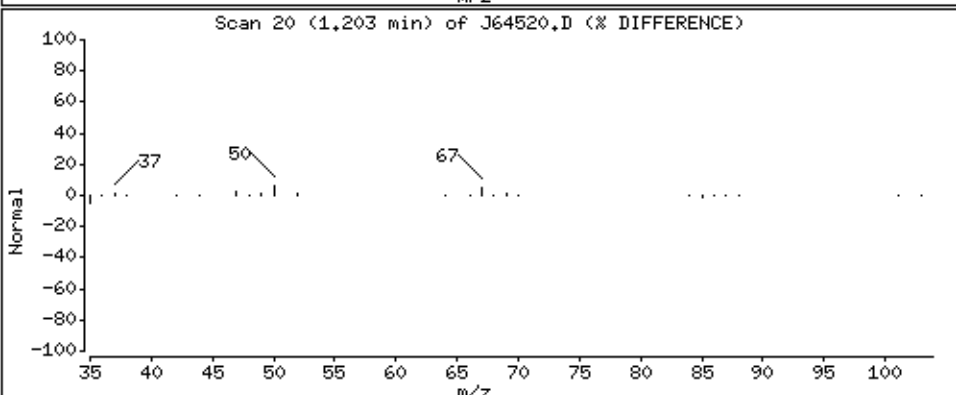
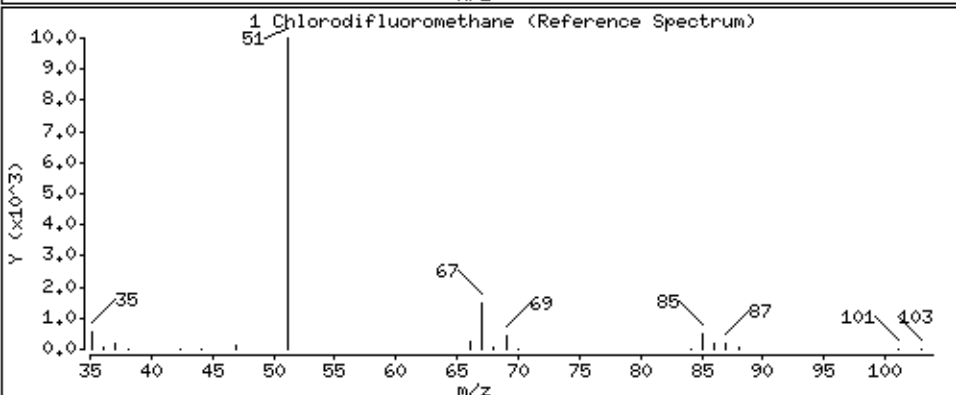
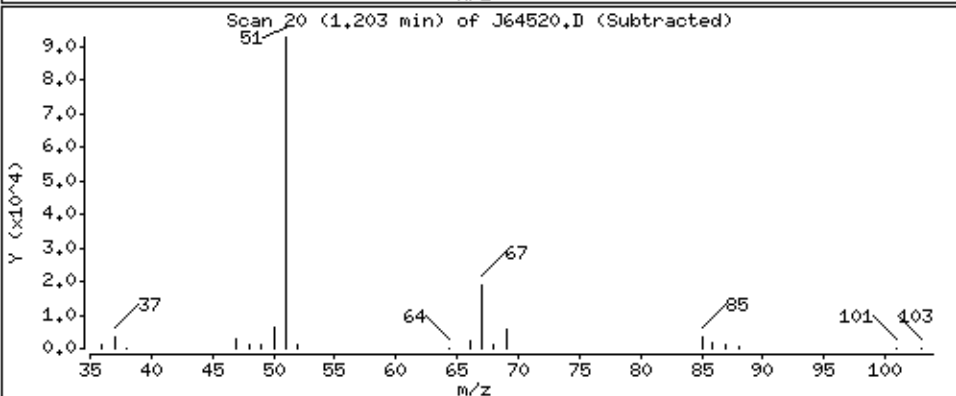
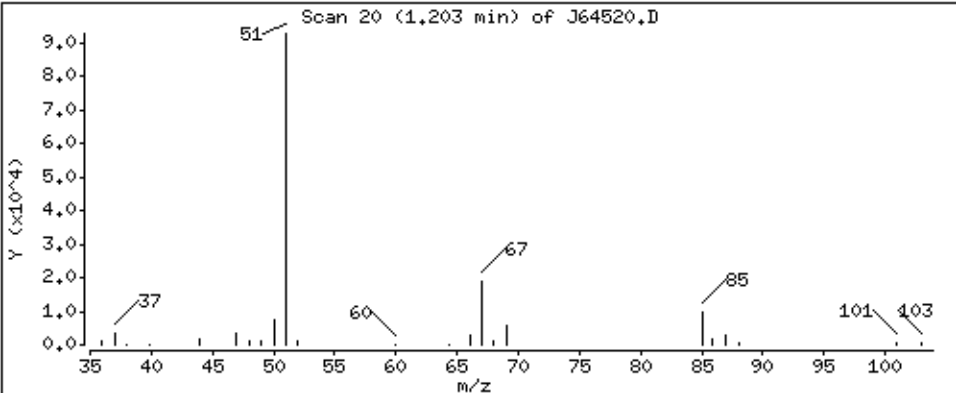
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Client ID: HBLCS
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624

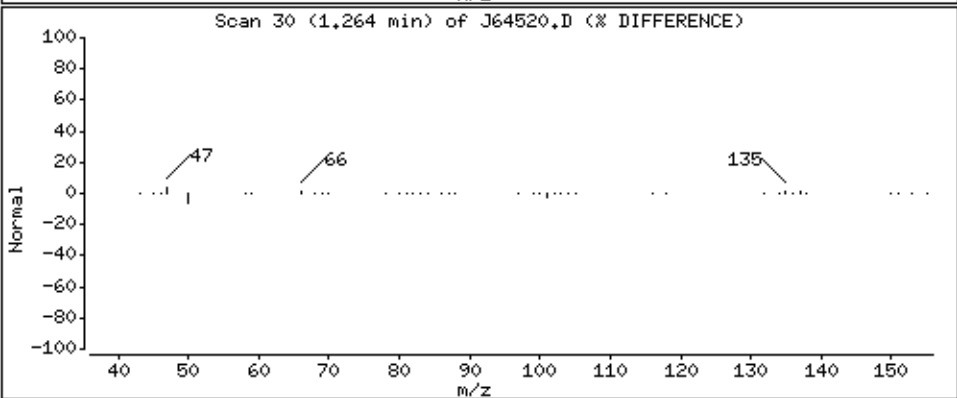
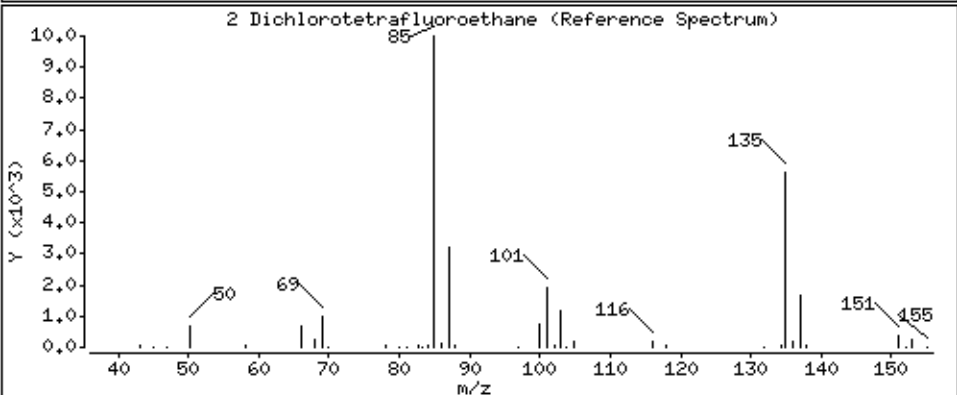
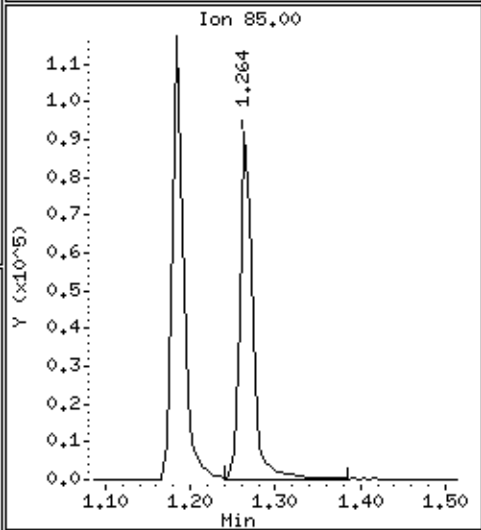
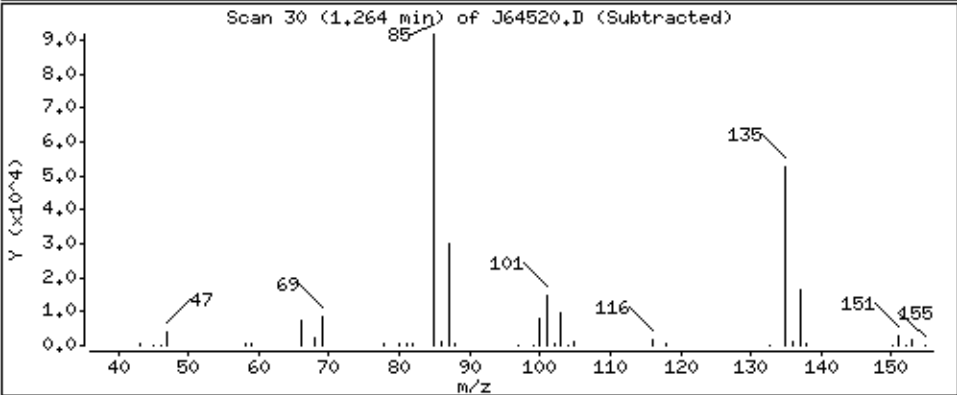
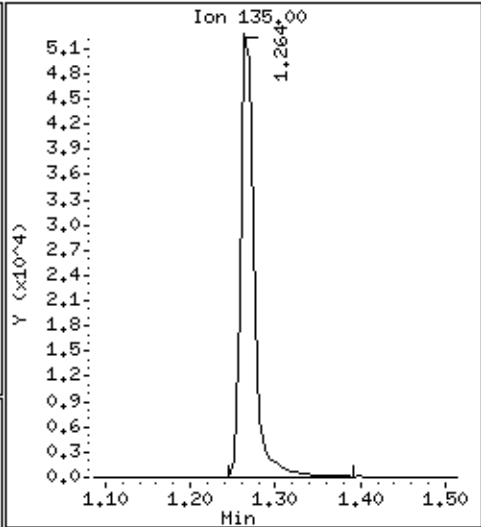
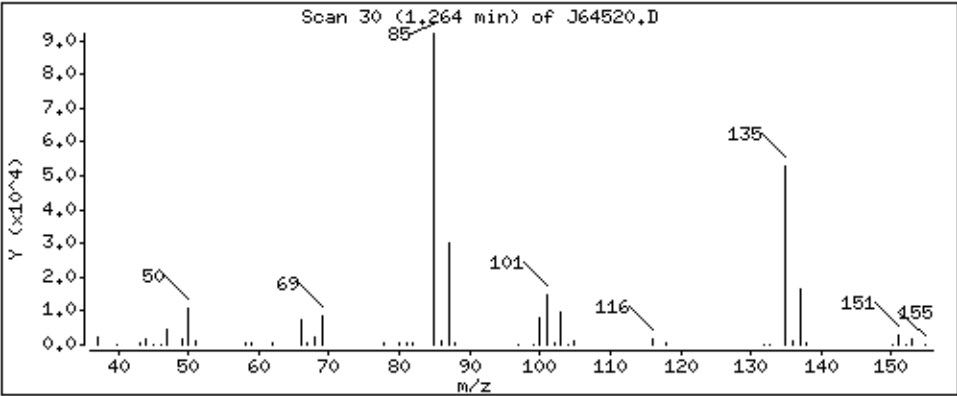
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18



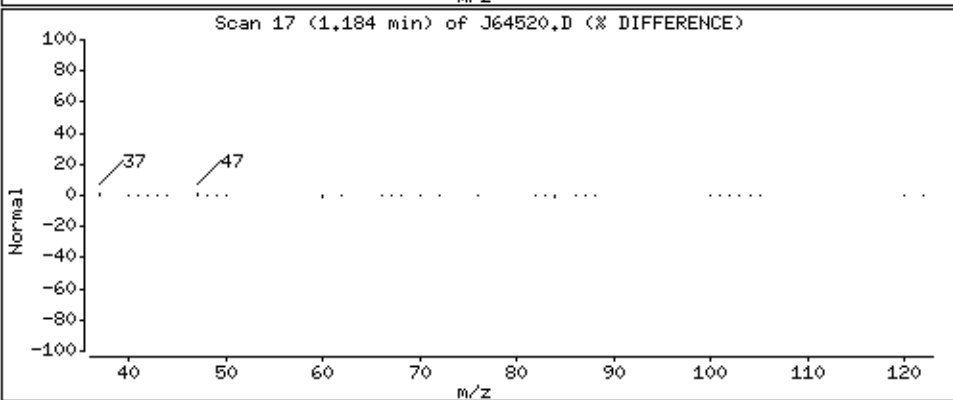
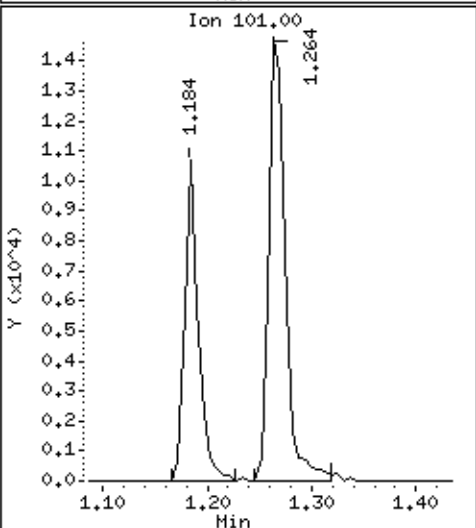
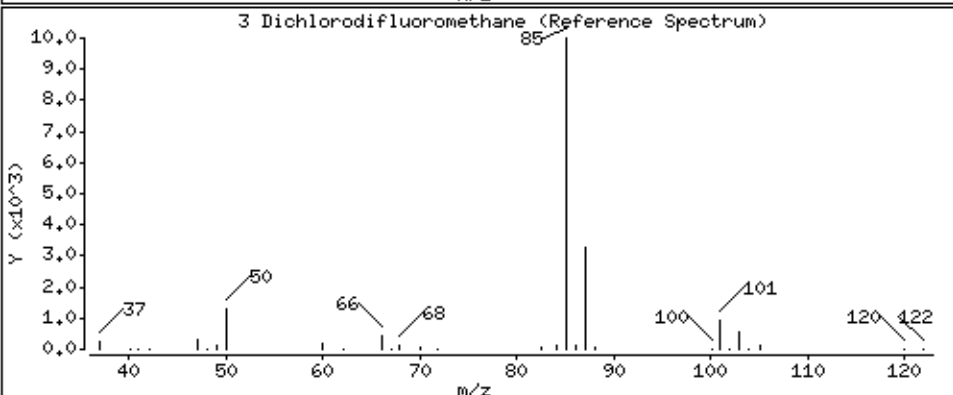
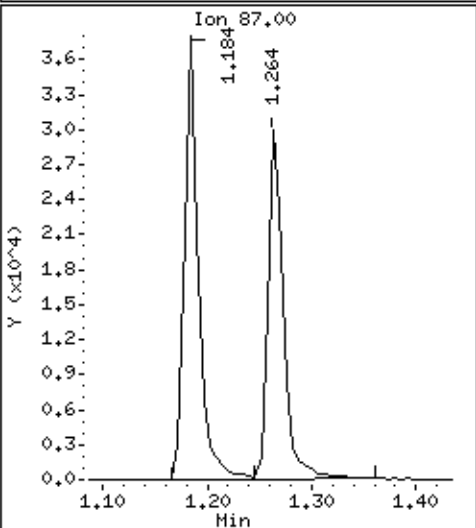
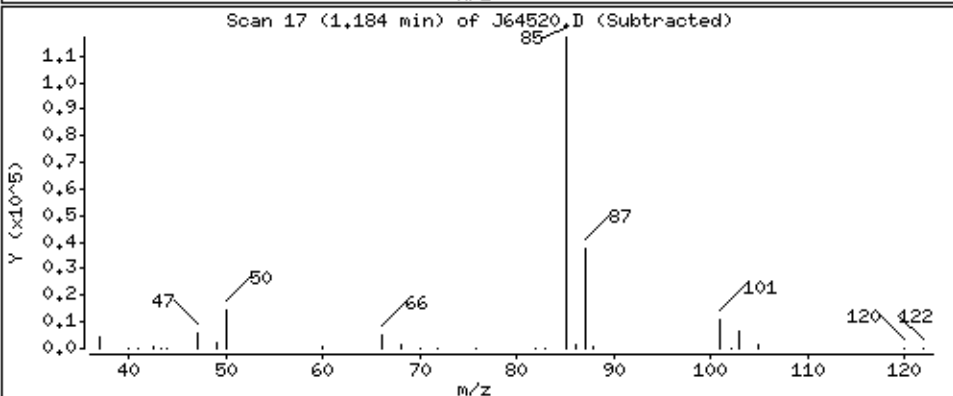
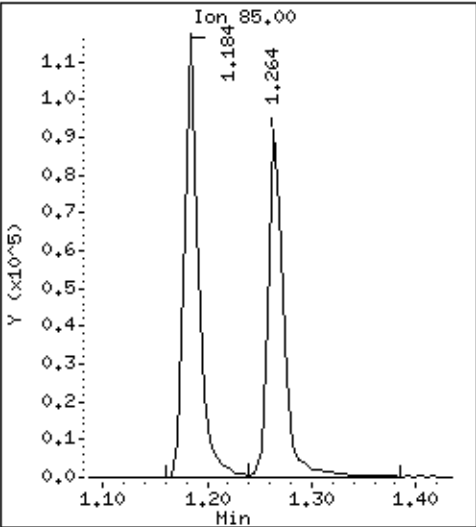
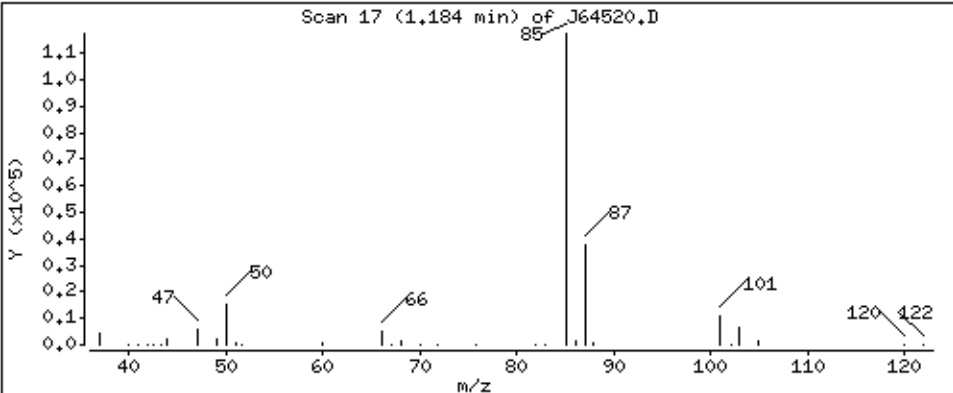
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Client ID: MBLCS
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
1 Chlorodifluoromethane
Concentration: 37.9 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



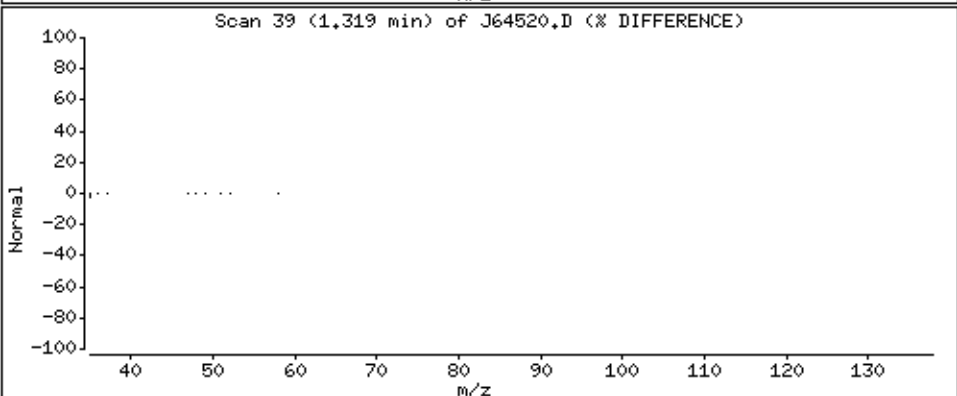
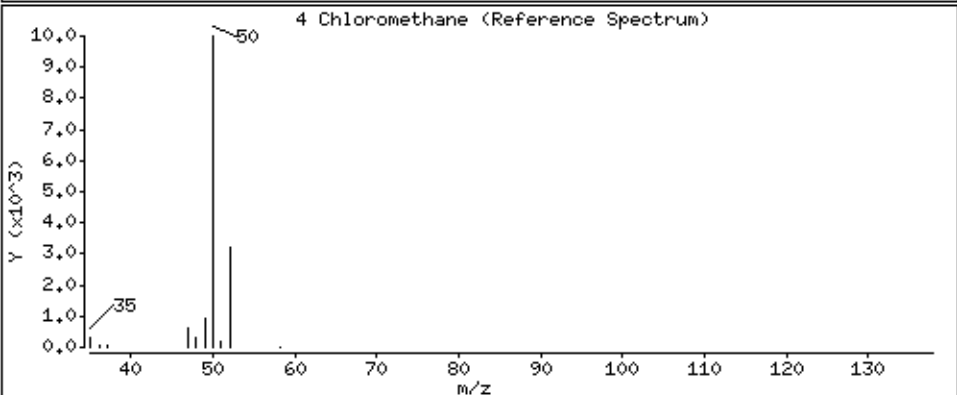
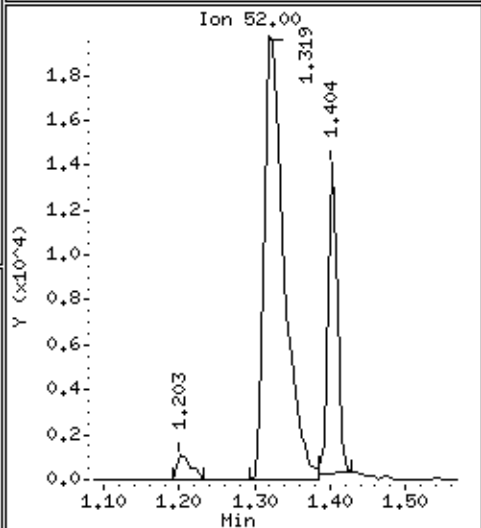
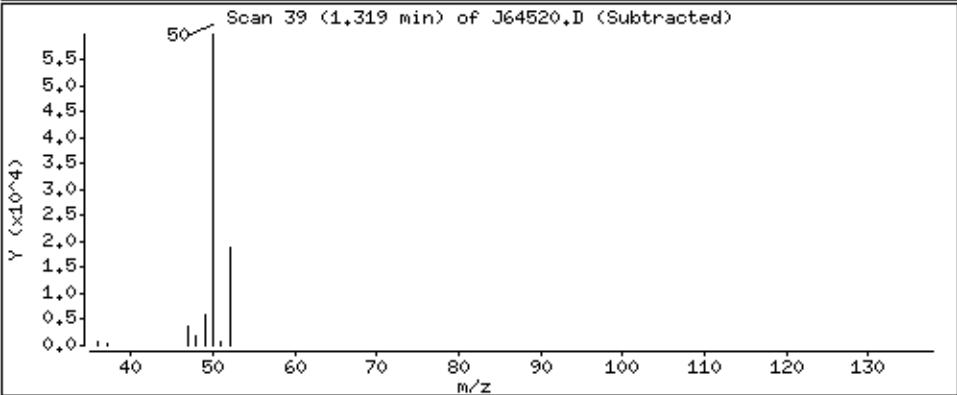
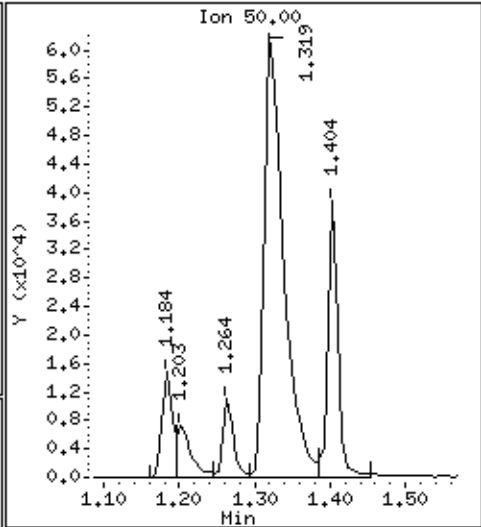
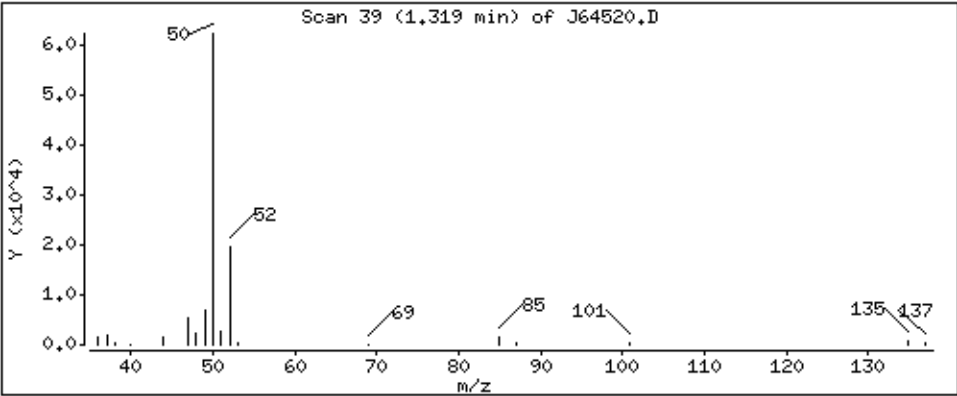
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Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
2 Dichlorotetrafluoroethane
Concentration: 41.1 ug/L
Review Code:



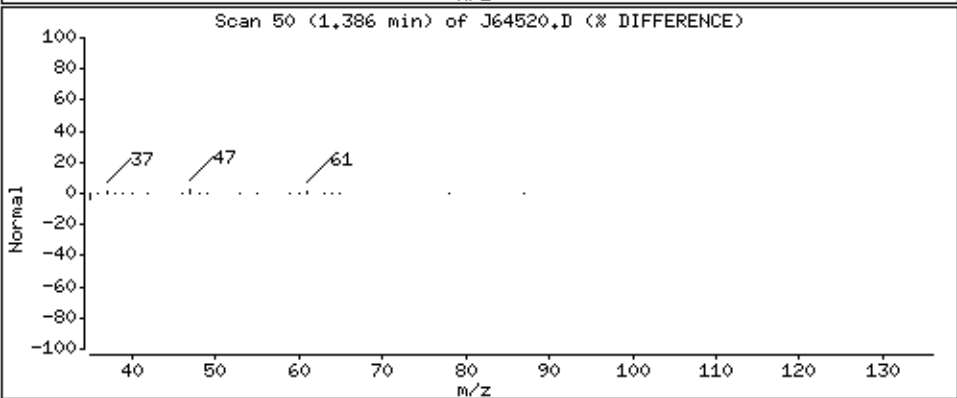
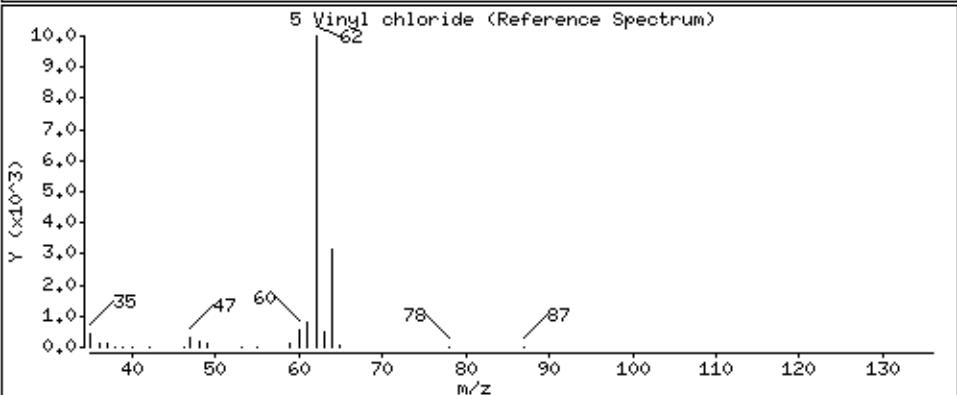
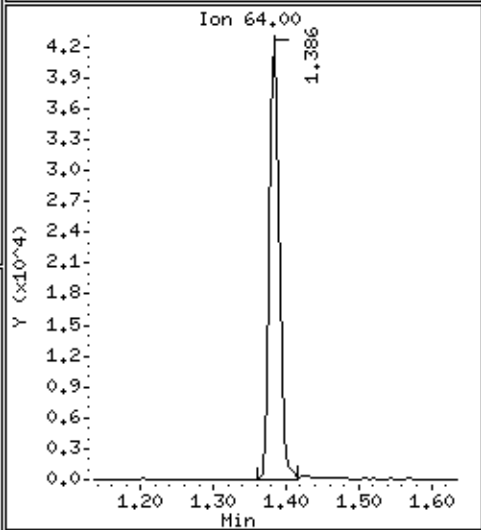
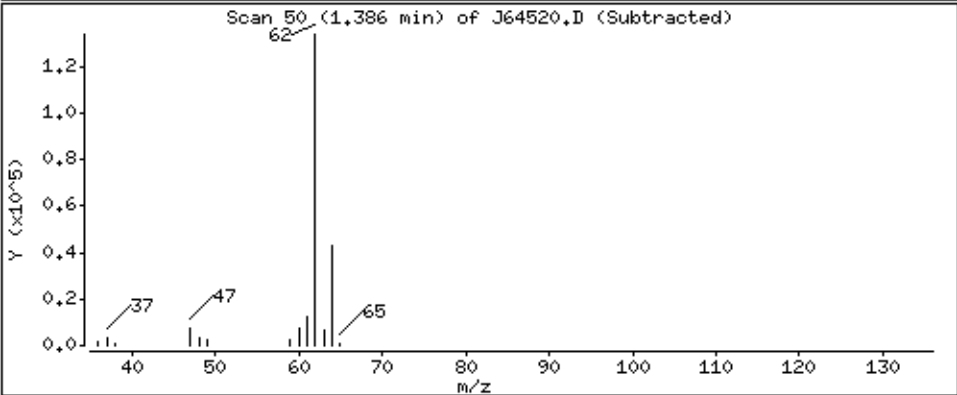
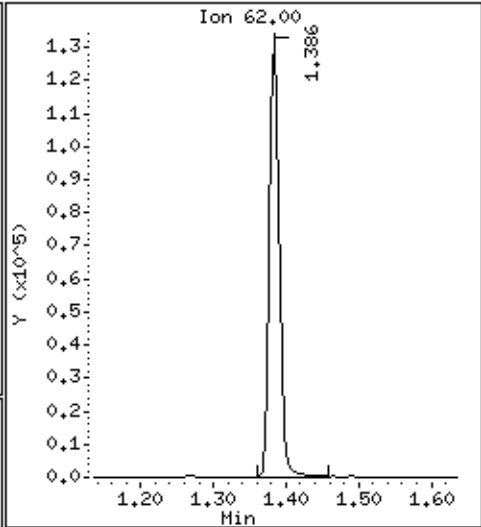
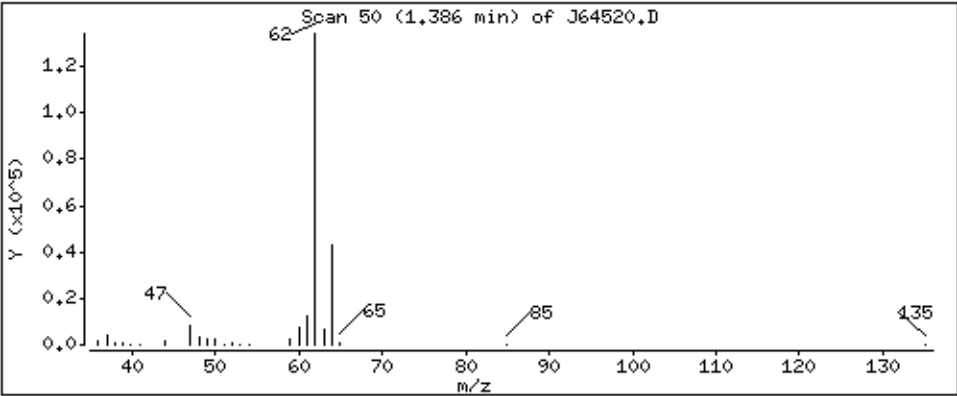
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Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
3 Dichlorodifluoromethane
Concentration: 35.6 ug/L
Review Code:



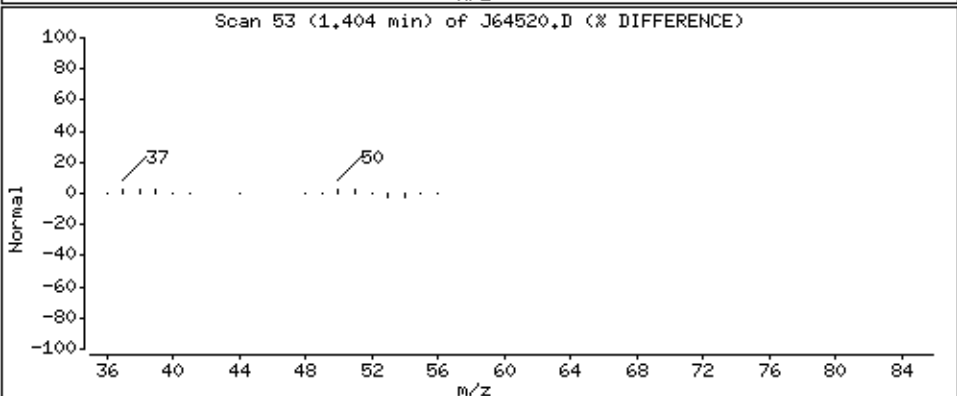
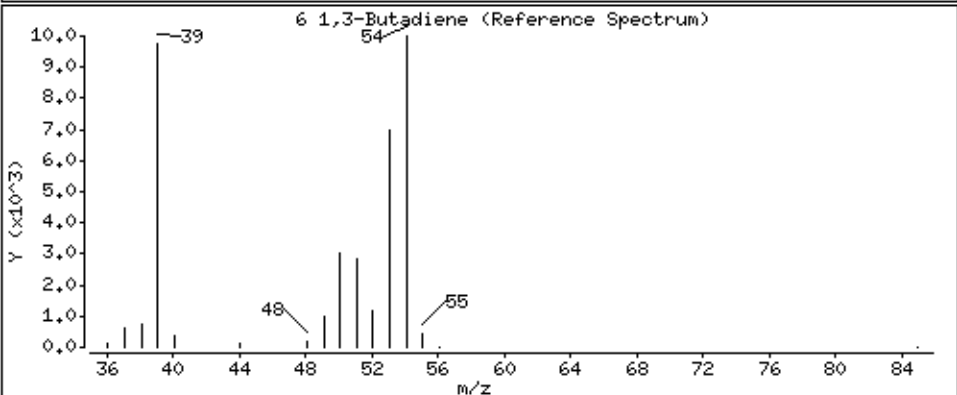
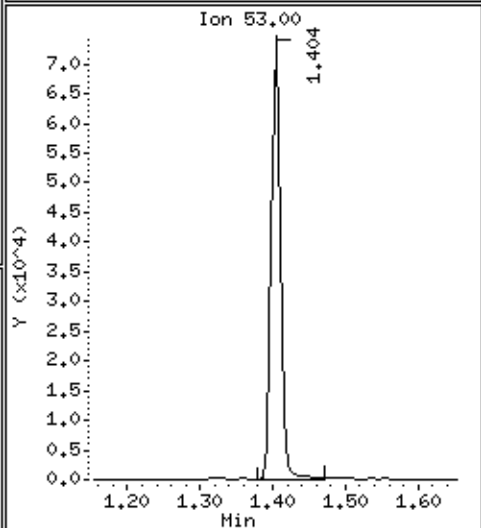
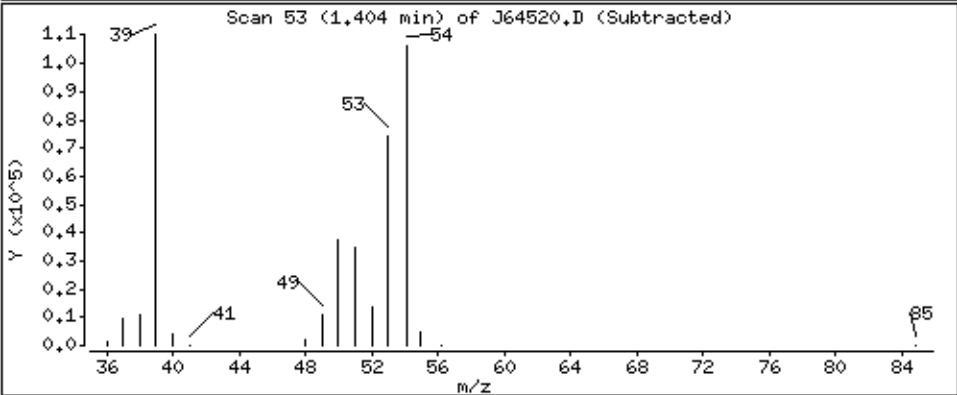
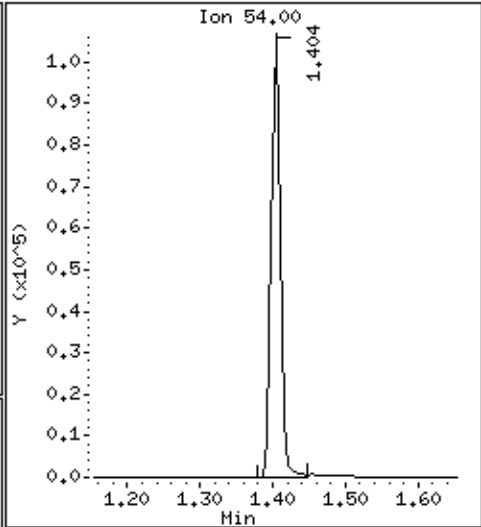
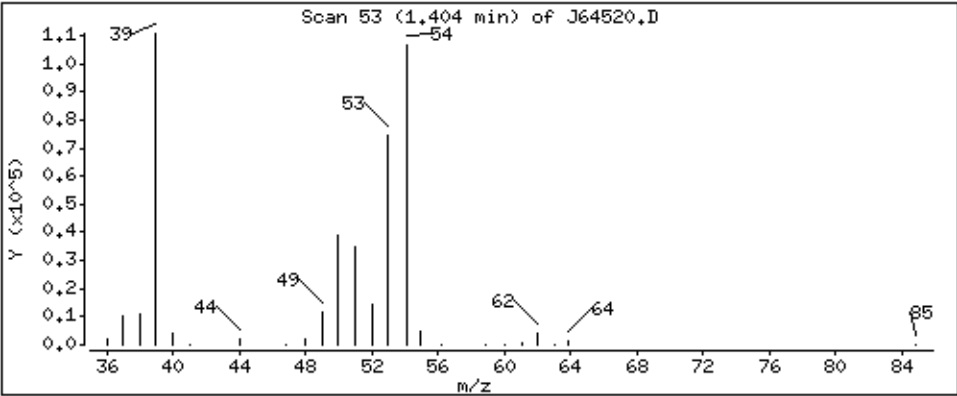
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Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
4 Chloromethane
Concentration: 37.3 ug/L
Review Code:



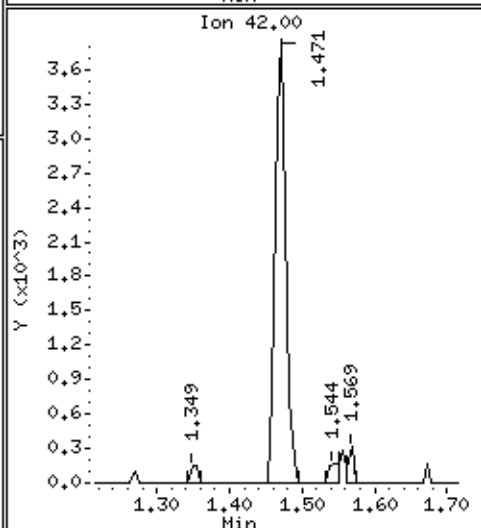
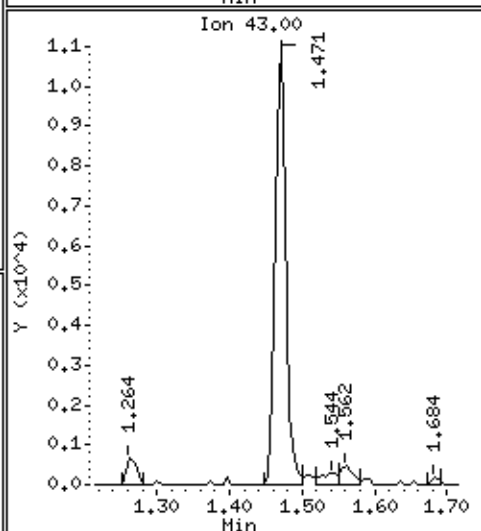
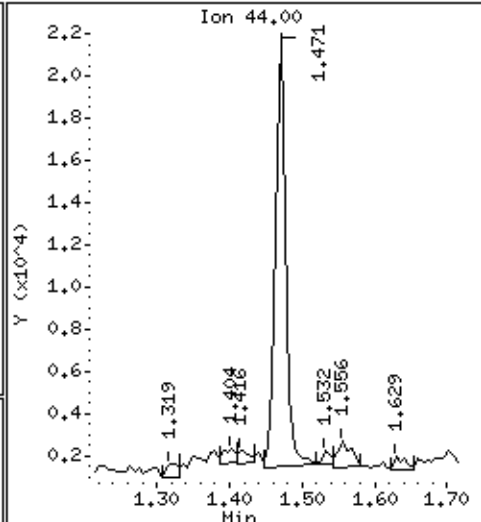
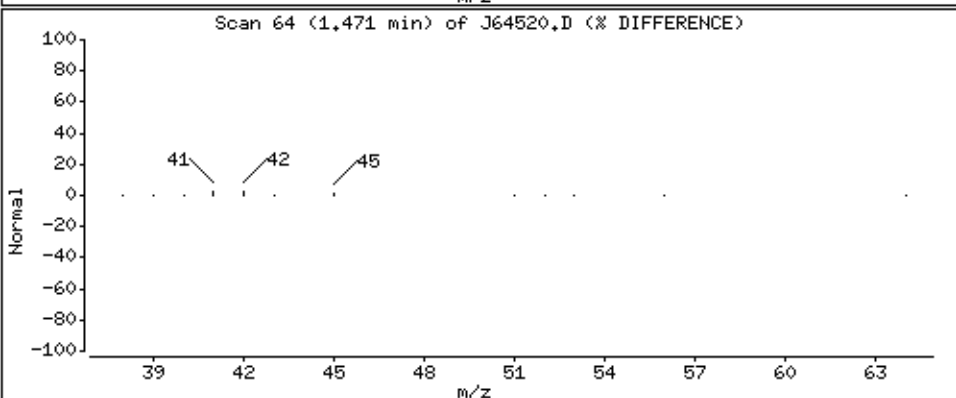
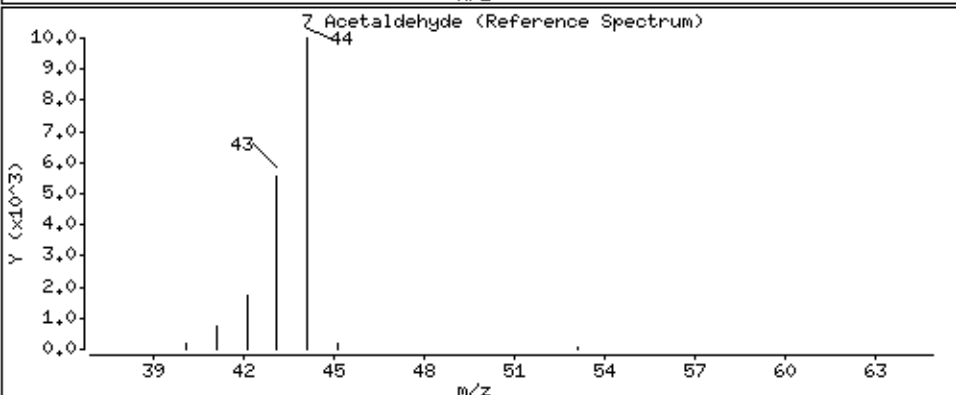
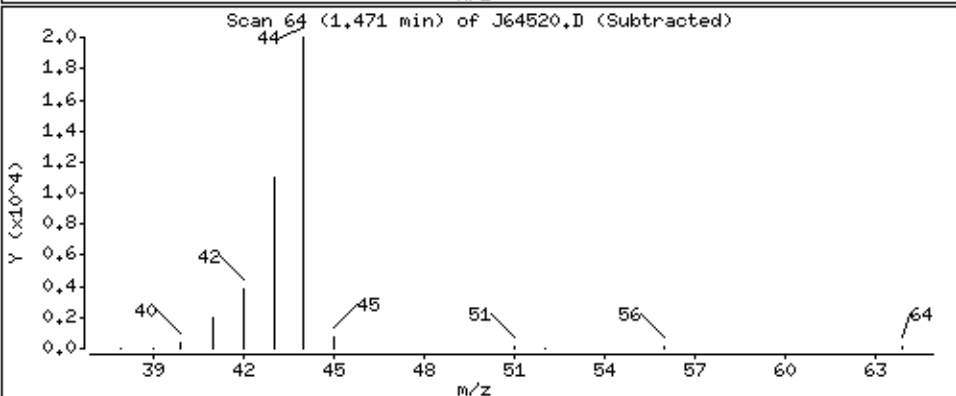
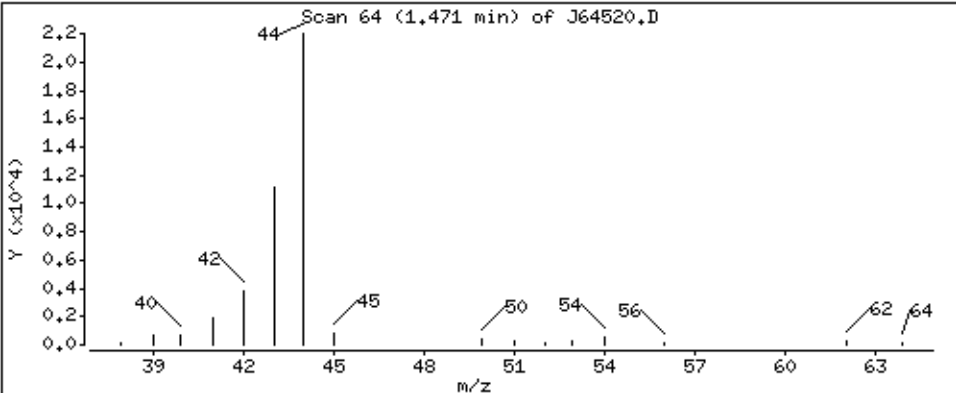
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
5 Vinyl chloride
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Concentration: 39.0 ug/L
Review Code:



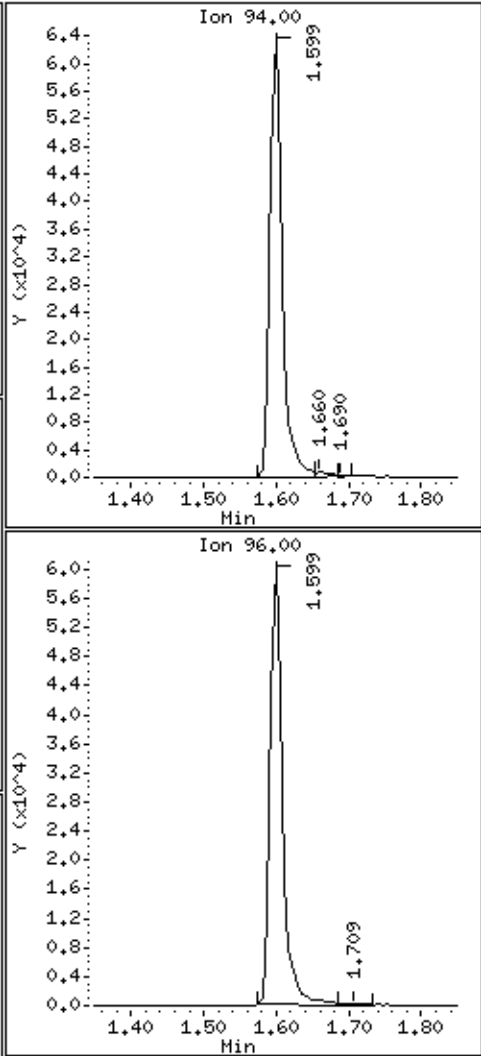
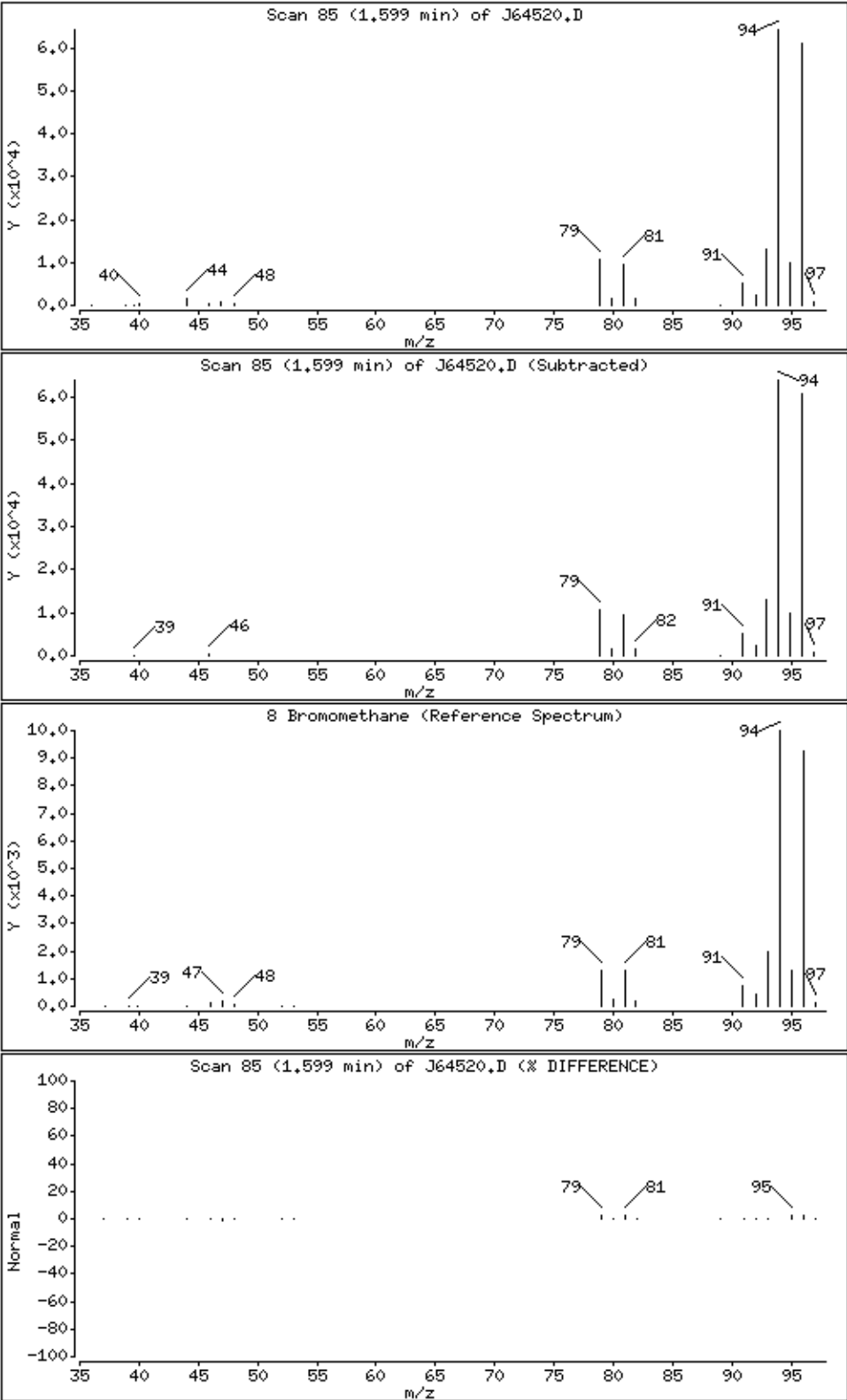
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
6 1,3-Butadiene
Concentration: 39.0 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
7 Acetaldehyde
Concentration: 36.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
8 Bromomethane
Concentration: 72.9 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D

Date : 12-FEB-2021 11:30

Client ID: MBLCS

Instrument: 70msv6.i

Sample Info: 964041, 104750;1.25

Purge Volume: 5.0

Operator: BBL

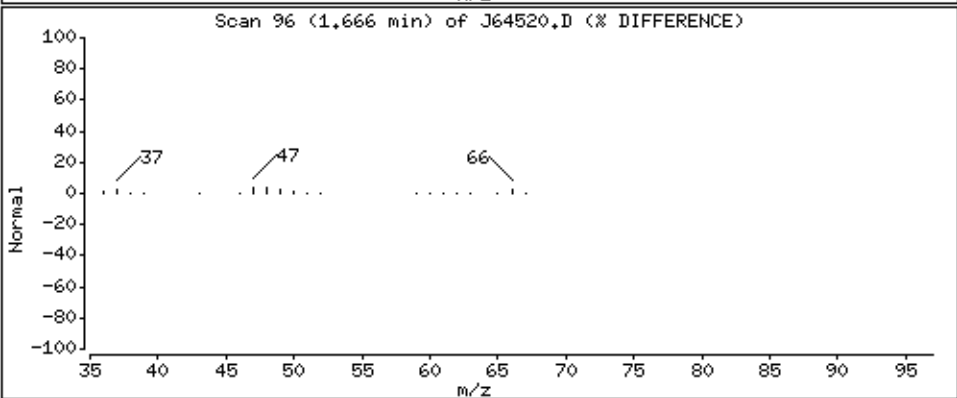
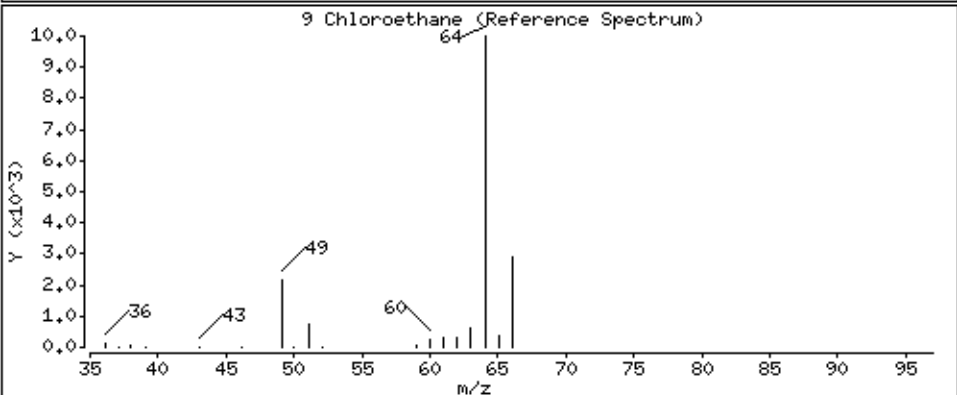
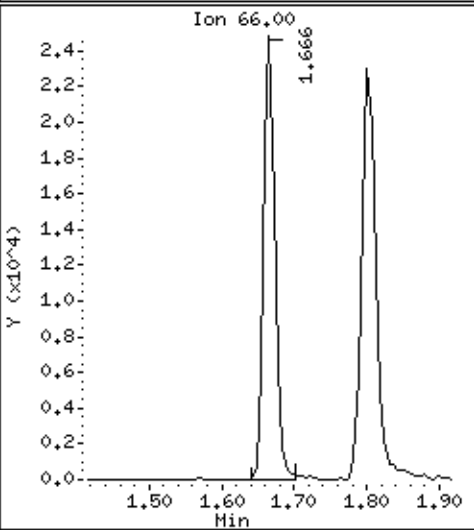
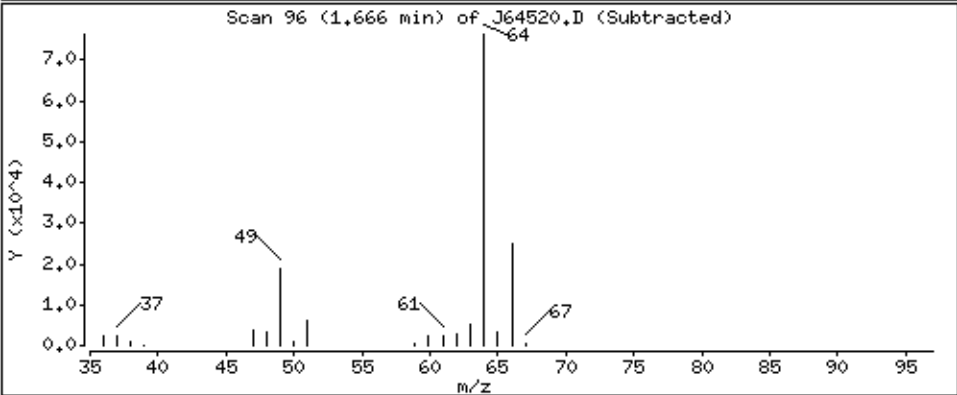
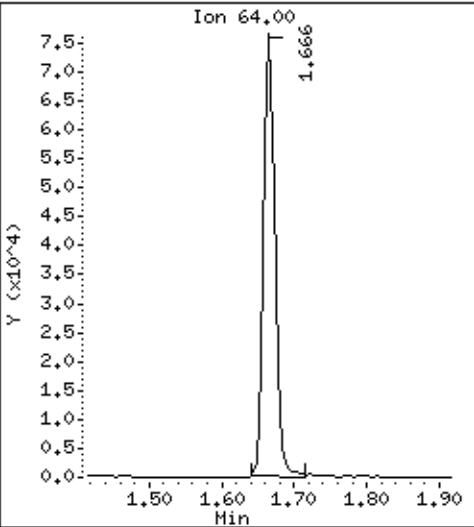
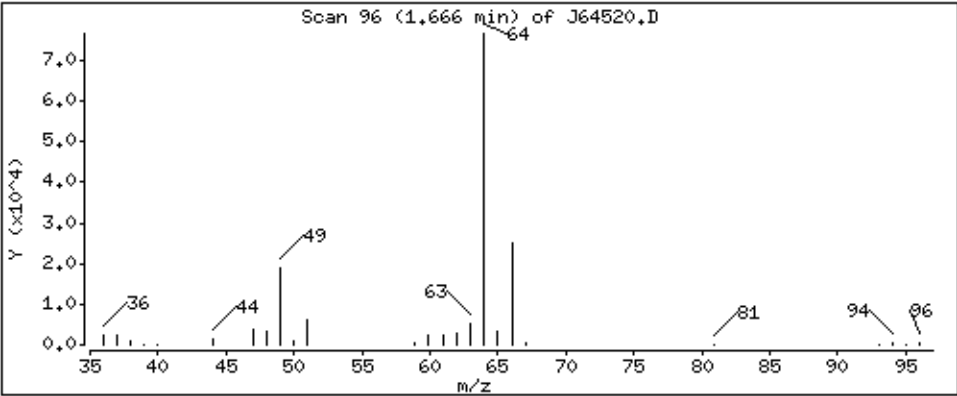
Column phase: RTX-624

Column diameter: 0.18

9 Chloroethane

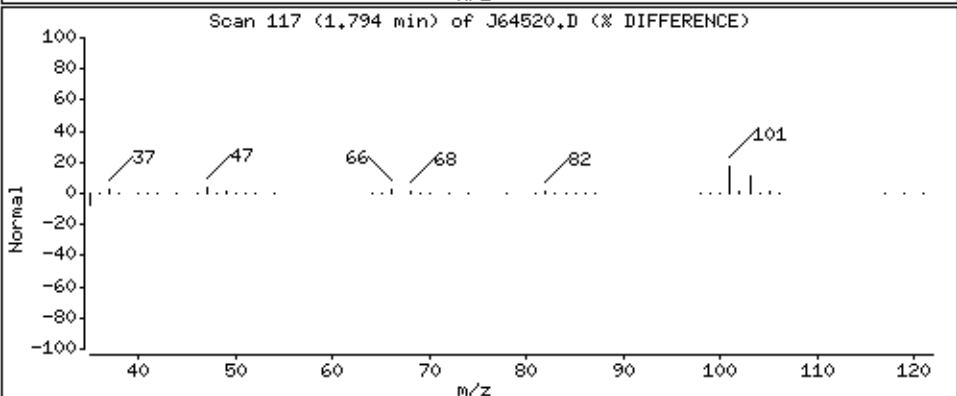
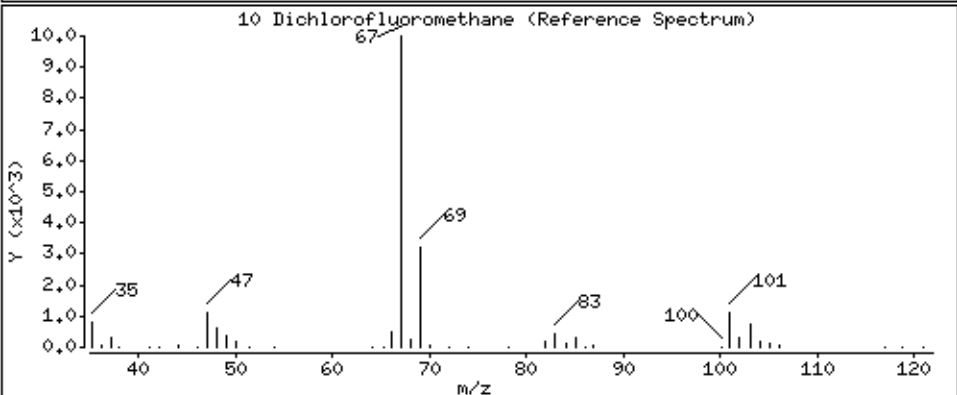
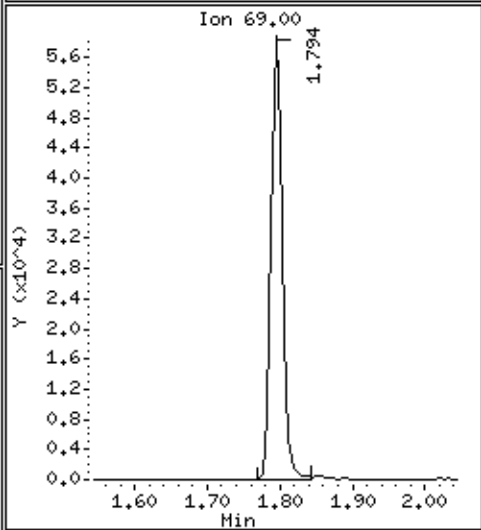
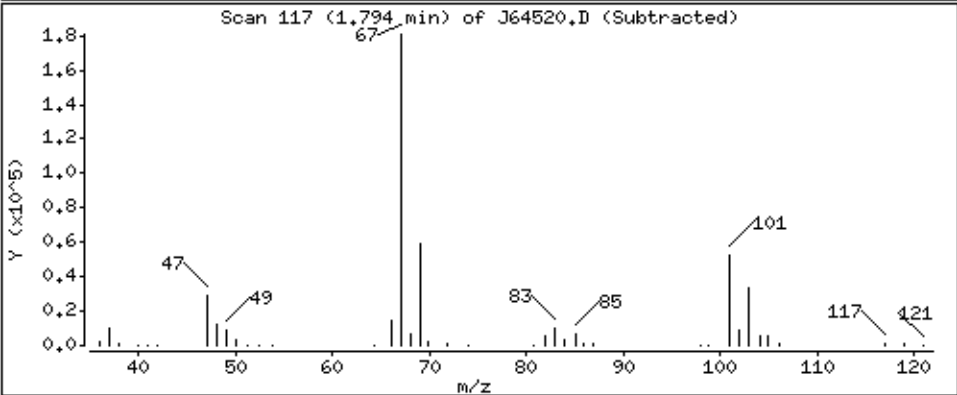
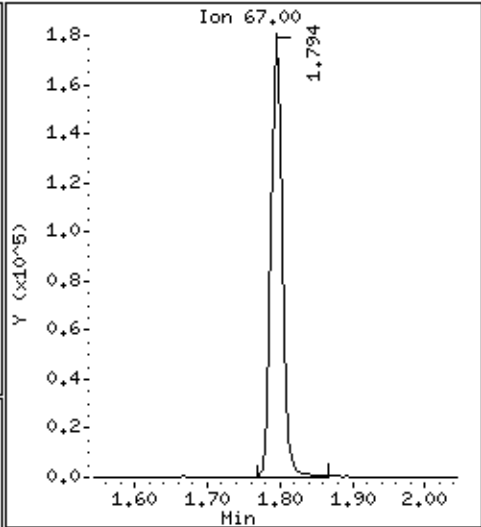
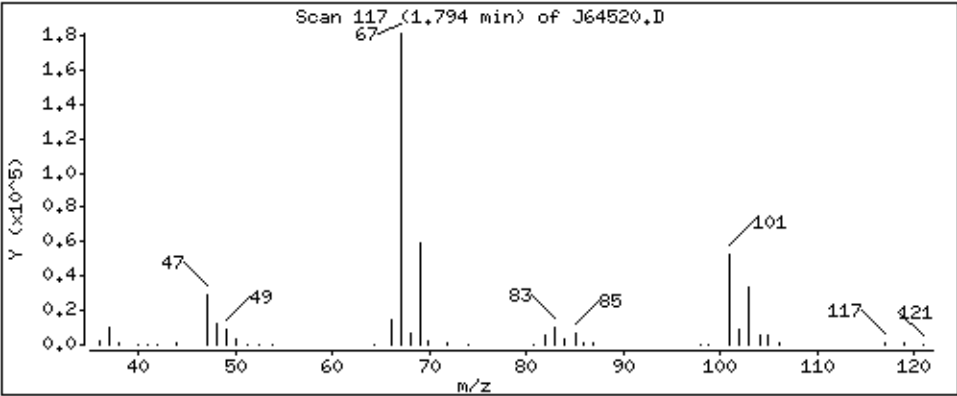
Concentration: 41.8 ug/L

Review Code:



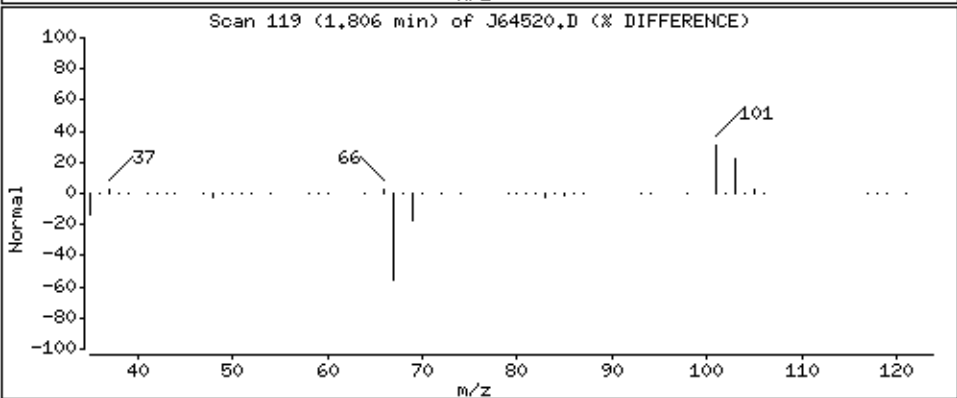
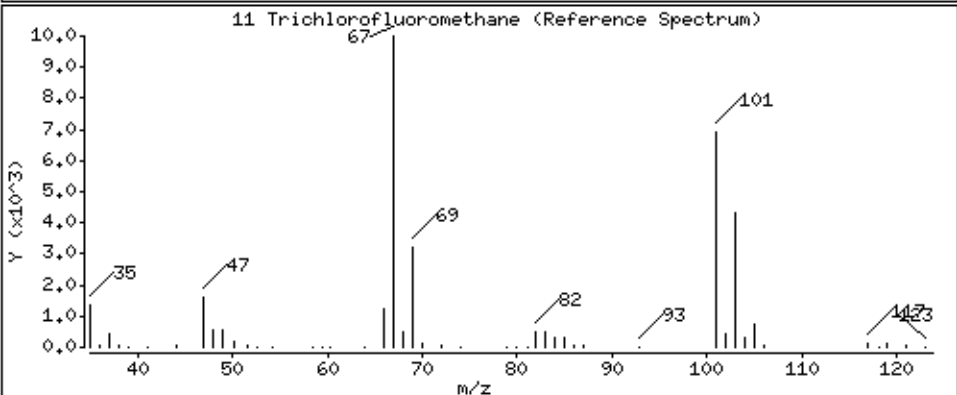
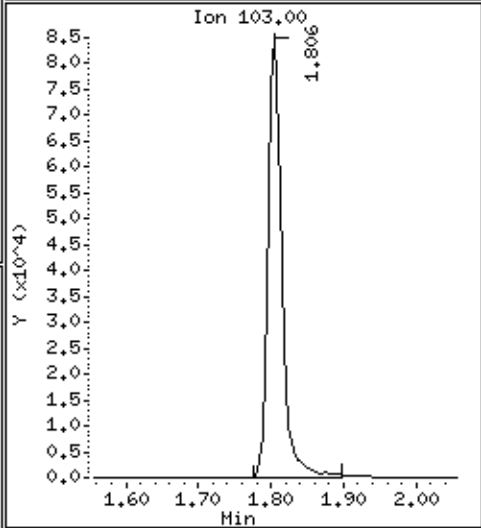
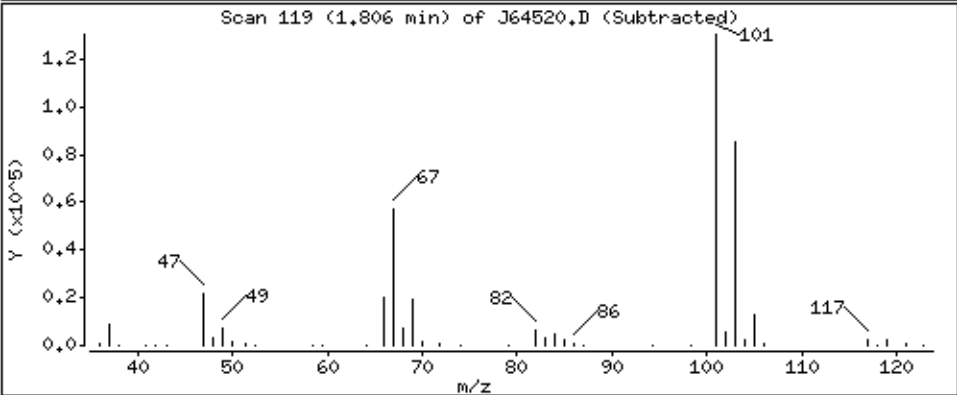
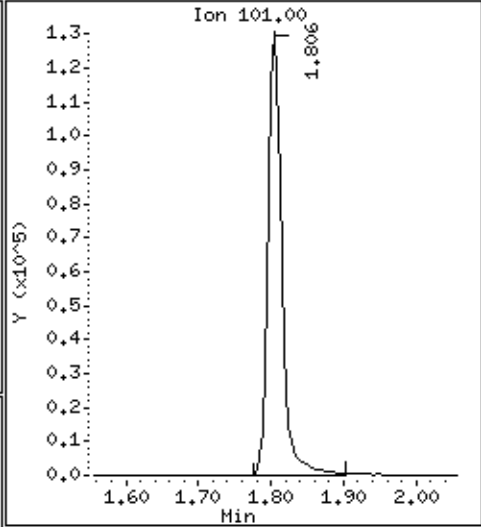
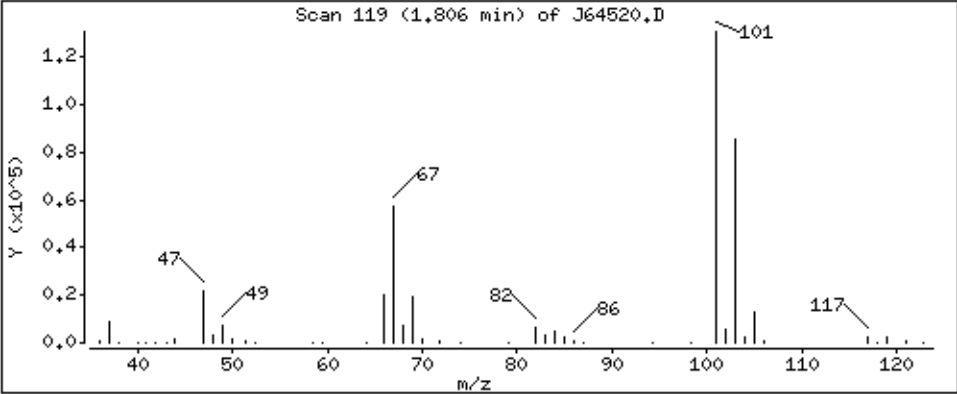
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

10 Dichlorofluoromethane Concentration: 47.8 ug/L Review Code:



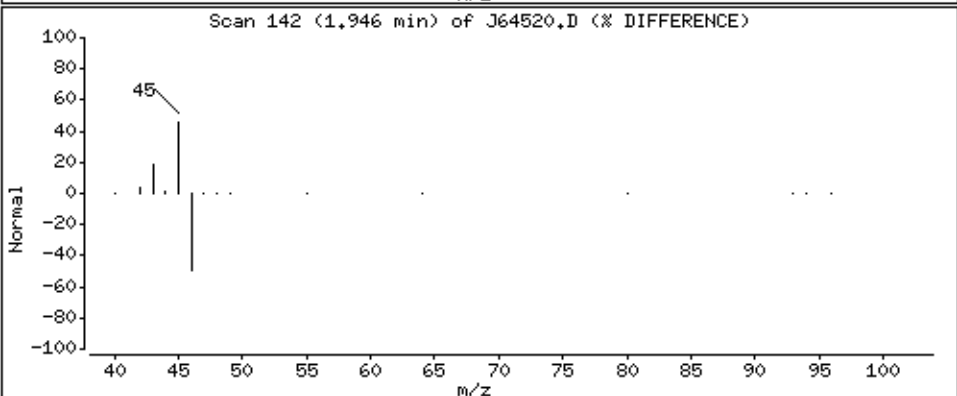
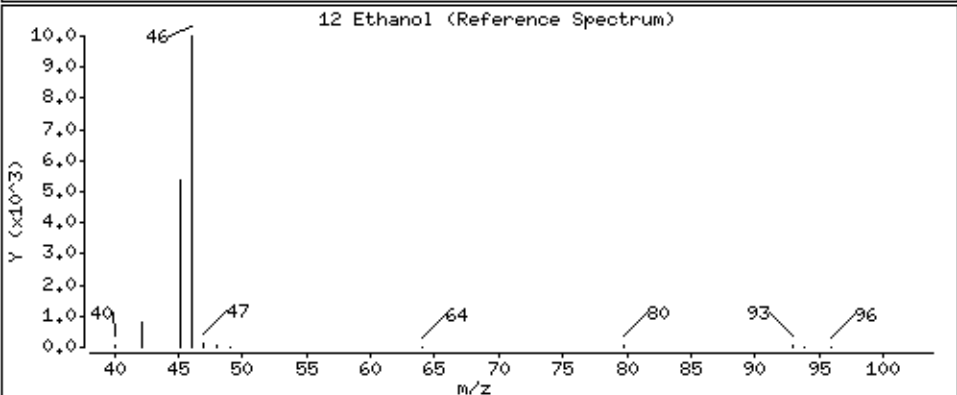
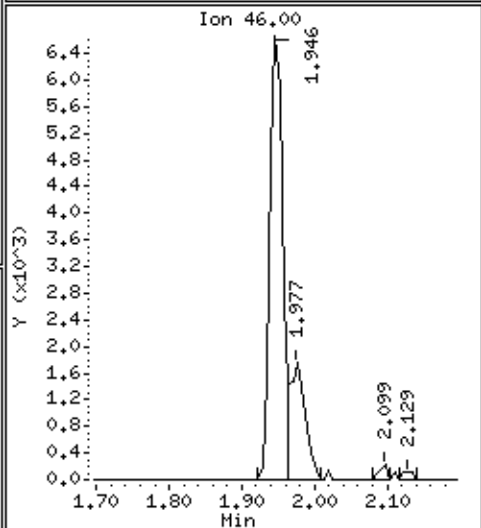
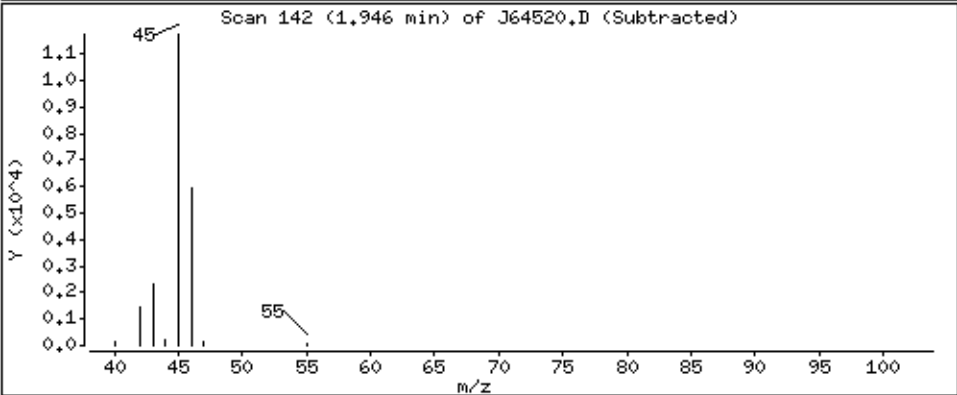
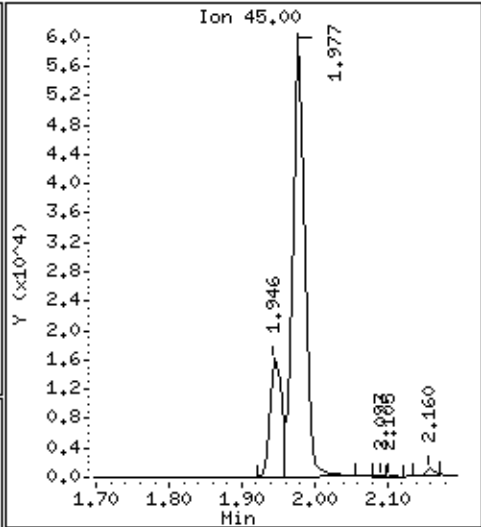
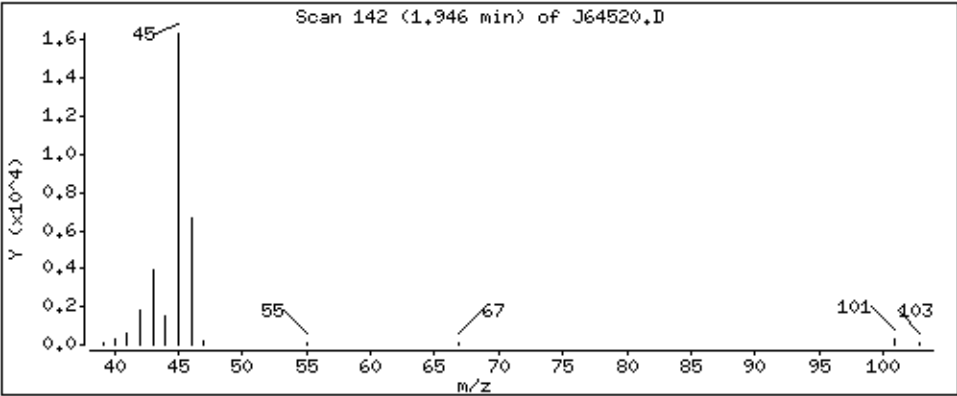
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

11 Trichlorofluoromethane Concentration: 50.1 ug/L Review Code:



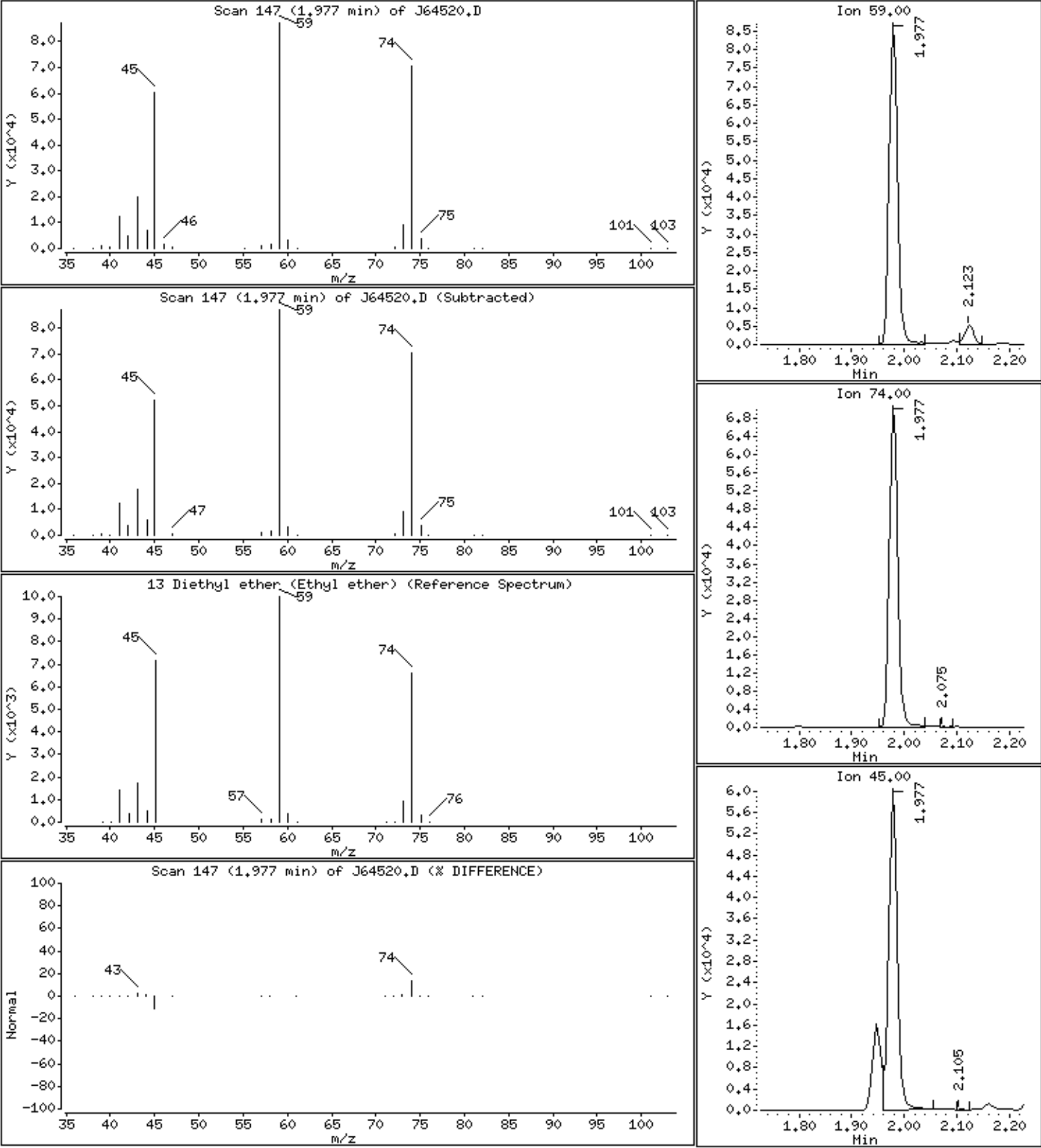
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

12 Ethanol Concentration: 1440 ug/L Review Code:

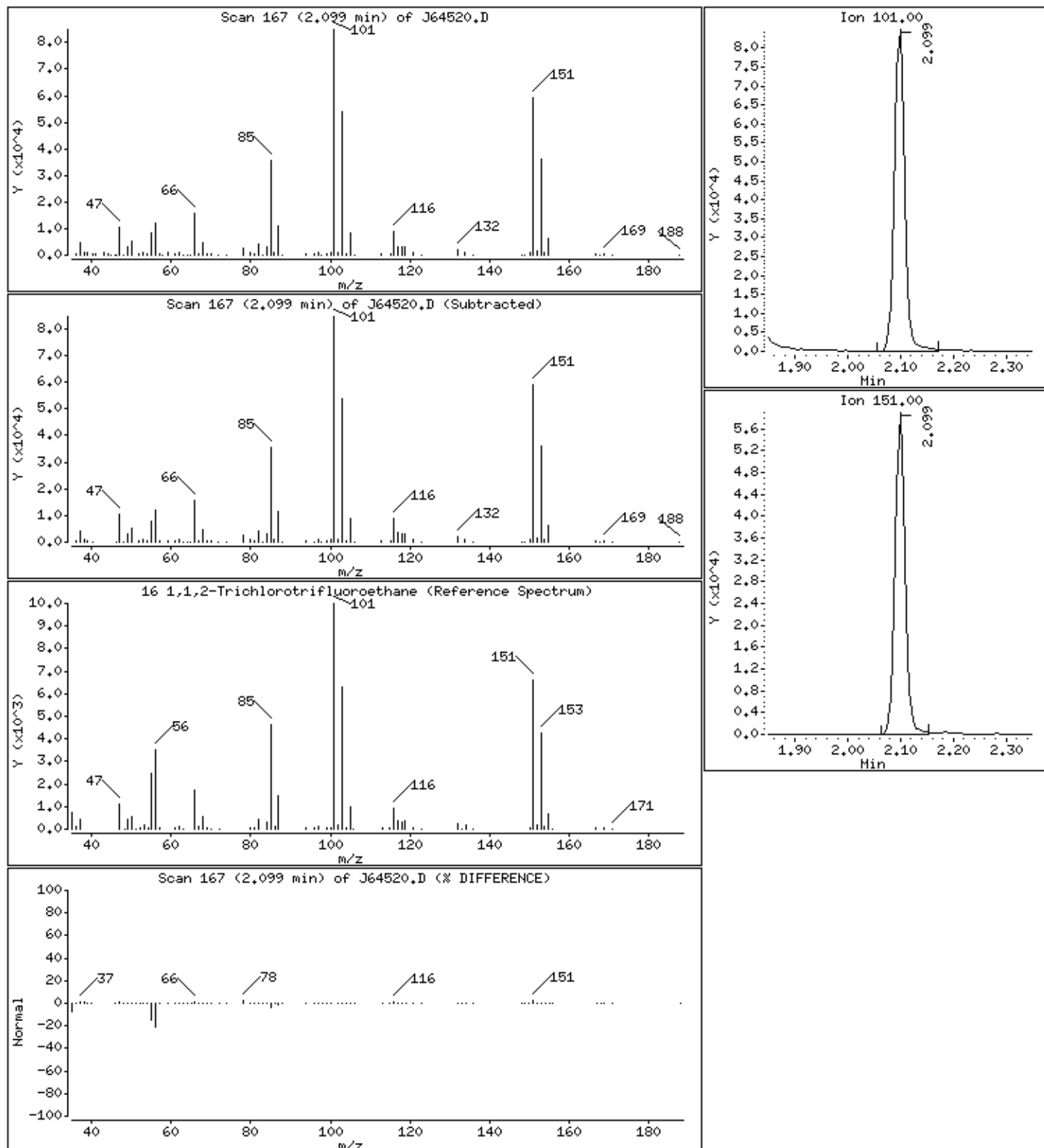


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

13 Diethyl ether (Ethyl ether) Concentration: 44.2 ug/L Review Code:

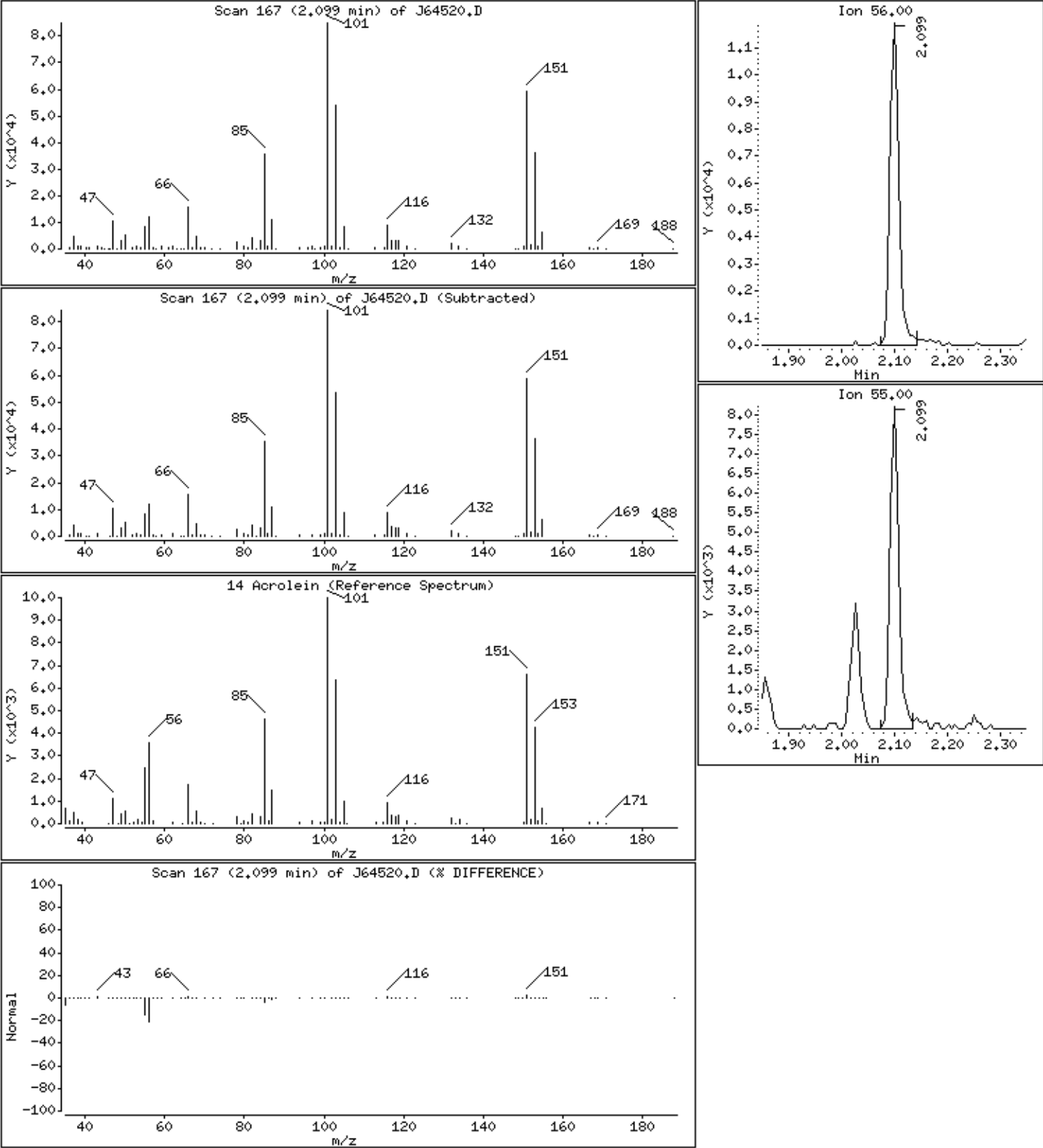


Review Code:

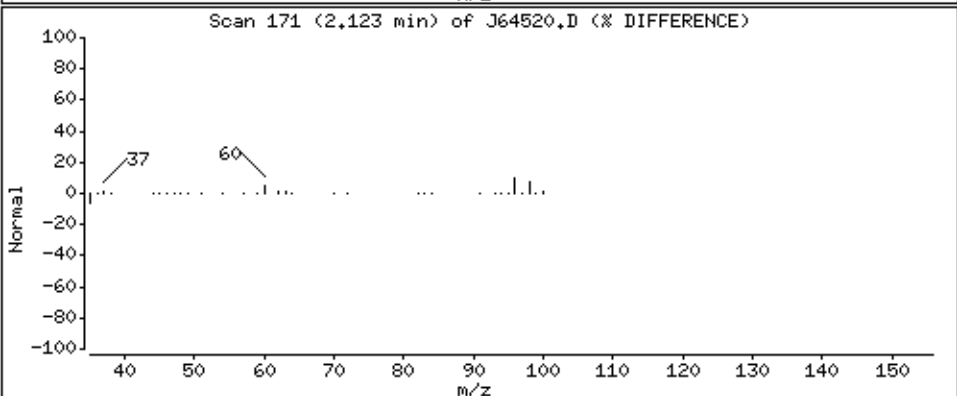
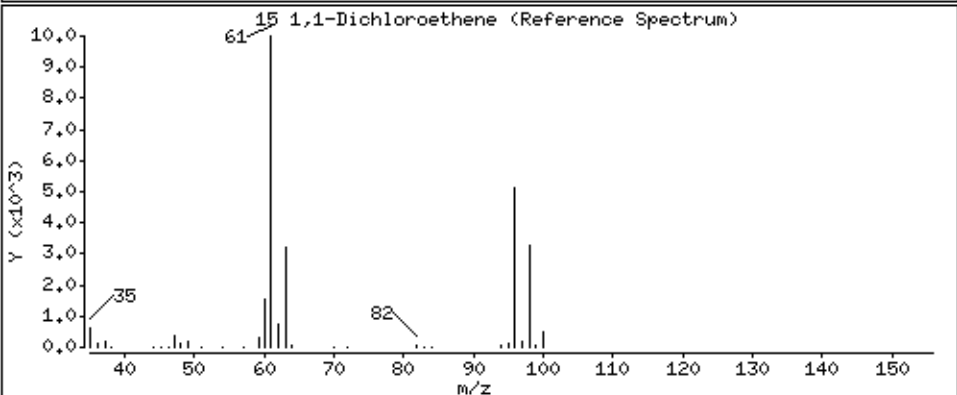
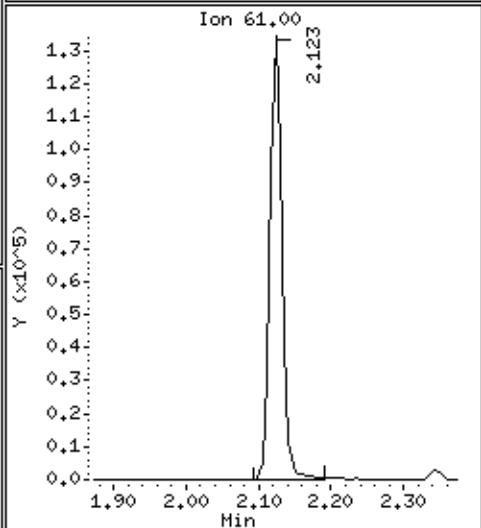
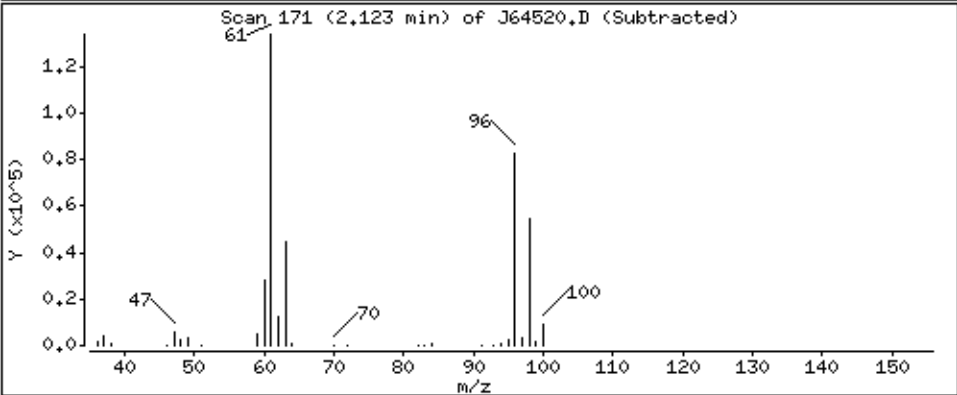
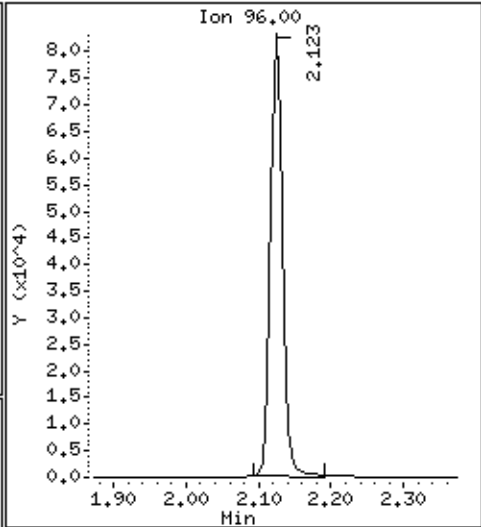
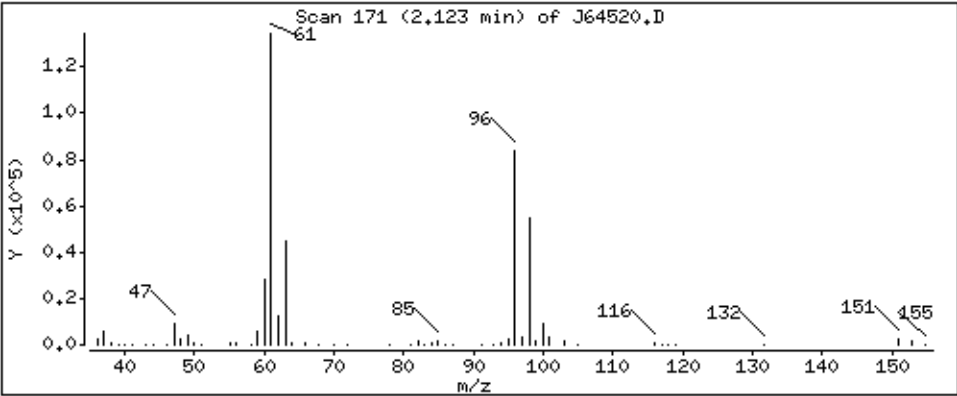


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

14 Acrolein Concentration: 30.3 ug/L Review Code:

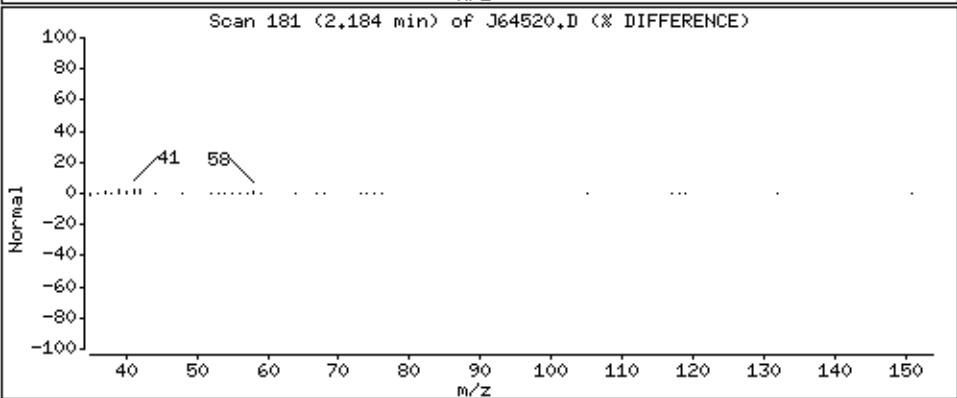
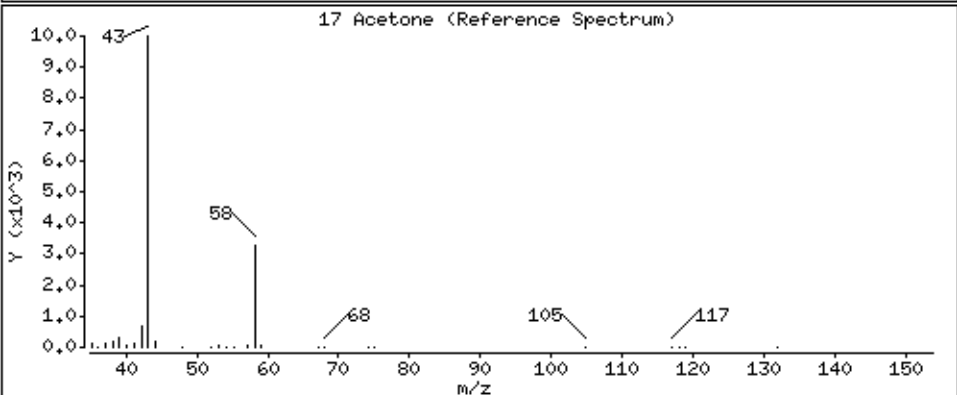
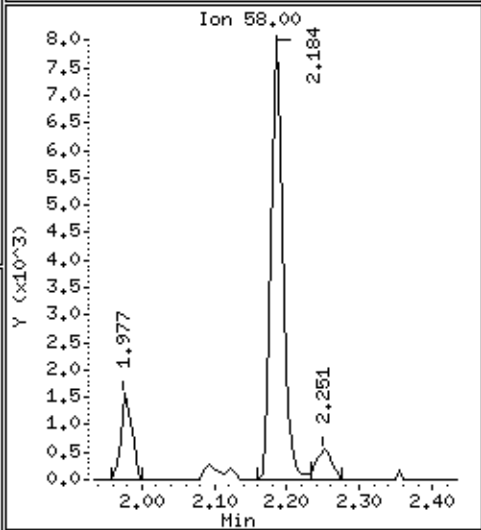
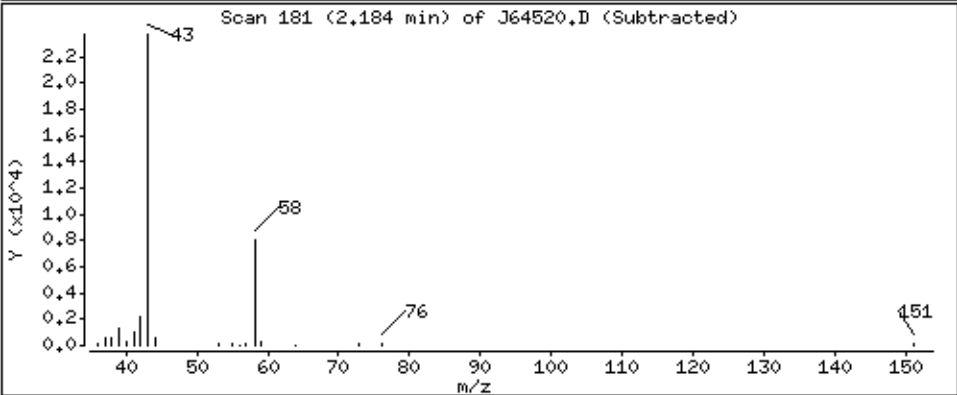
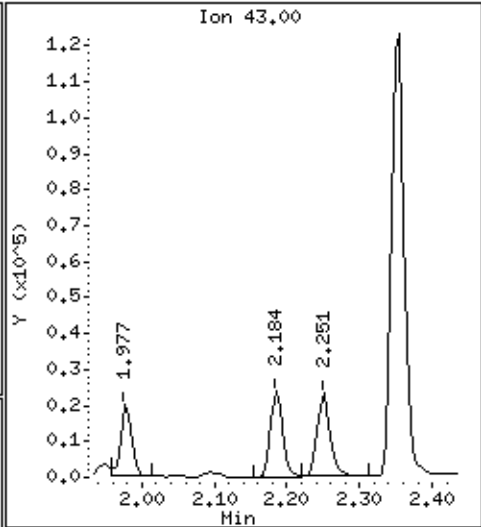
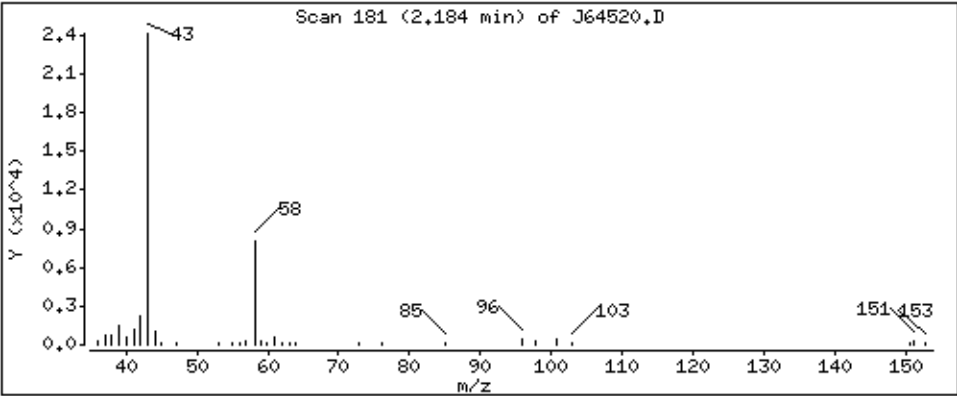


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
15 1,1-Dichloroethene
Concentration: 46.6 ug/L
Review Code:



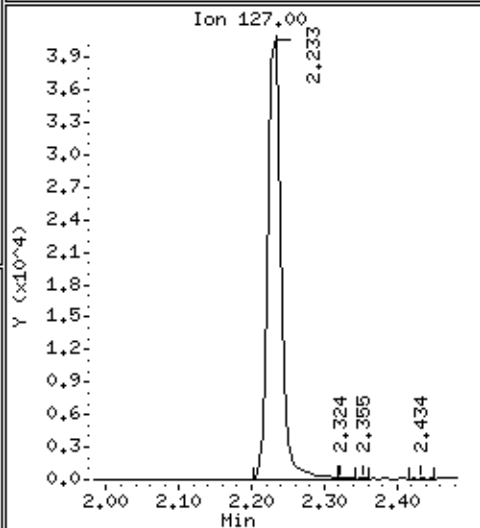
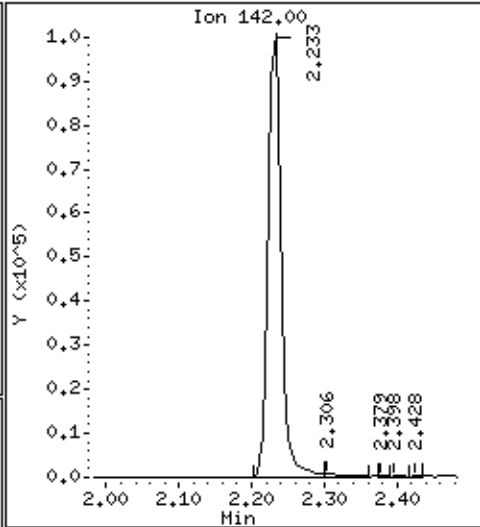
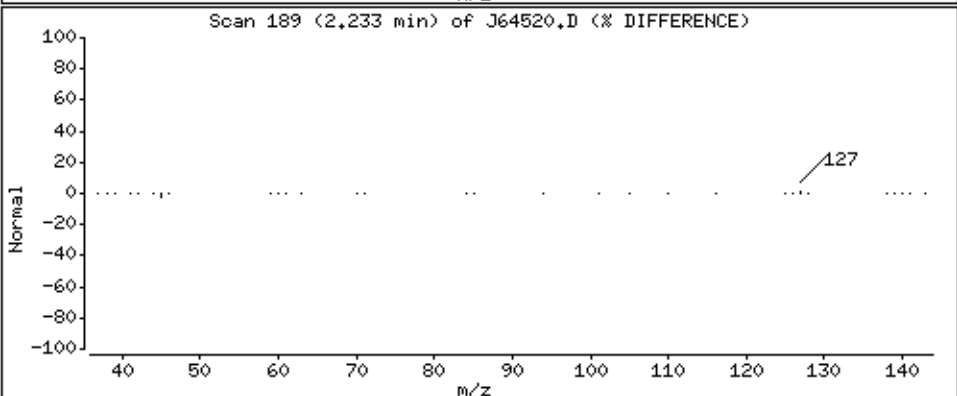
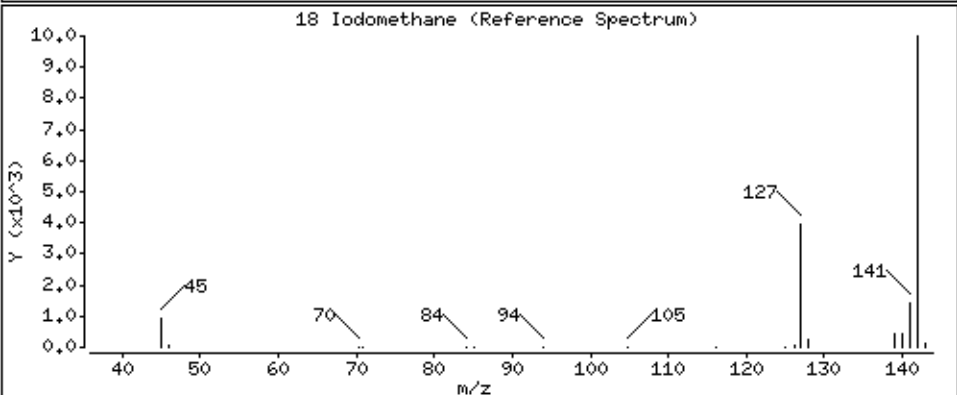
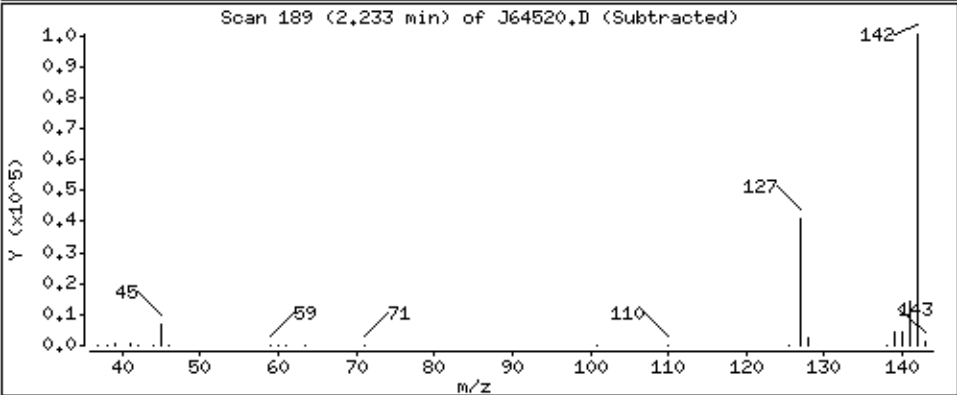
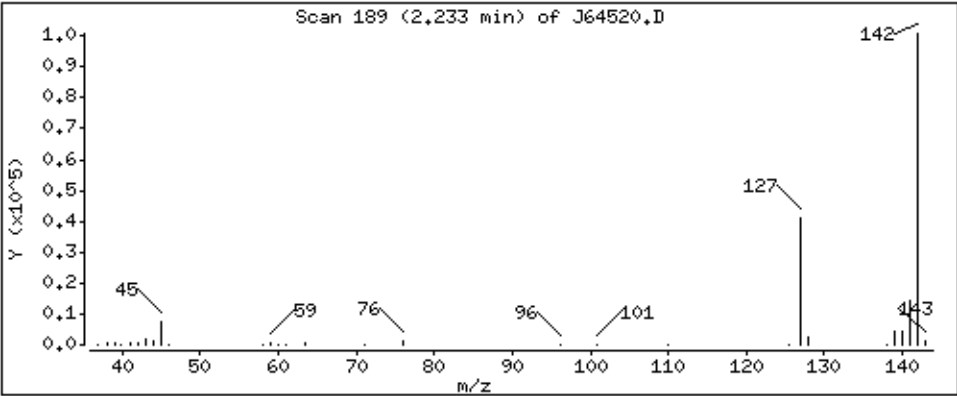
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

17 Acetone Concentration: 35,4 ug/L Review Code:



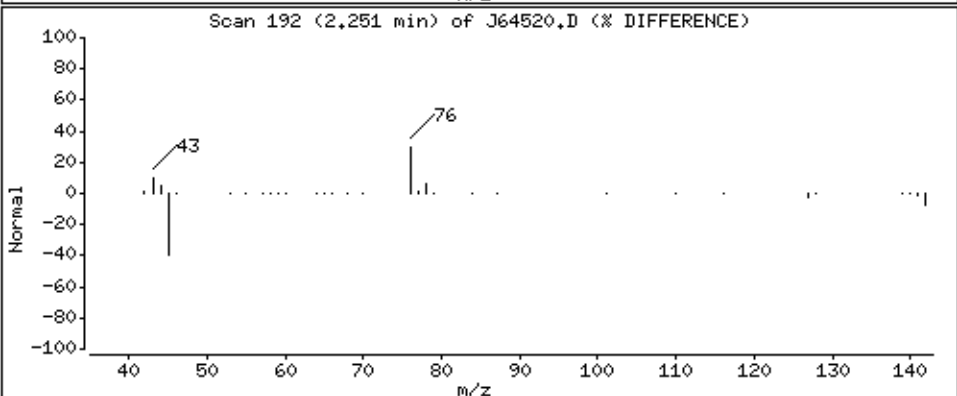
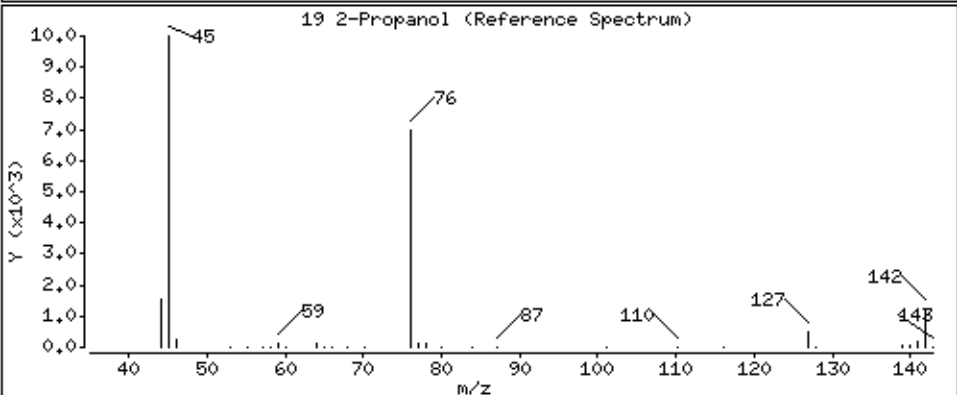
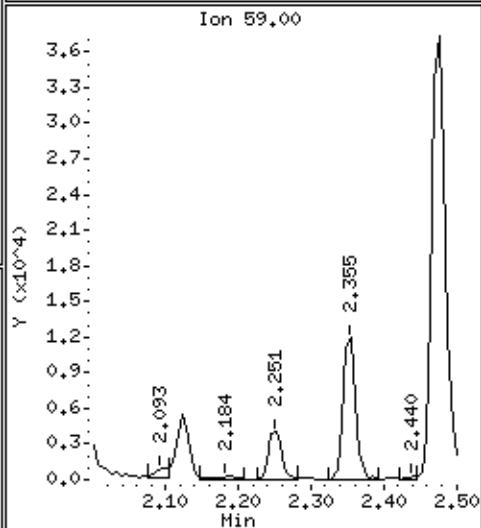
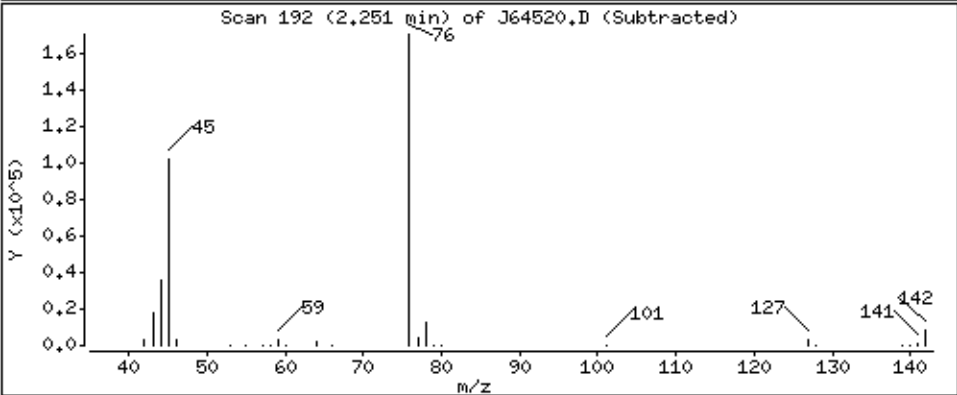
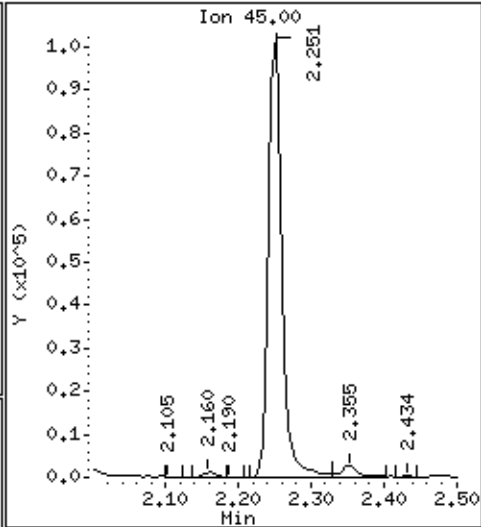
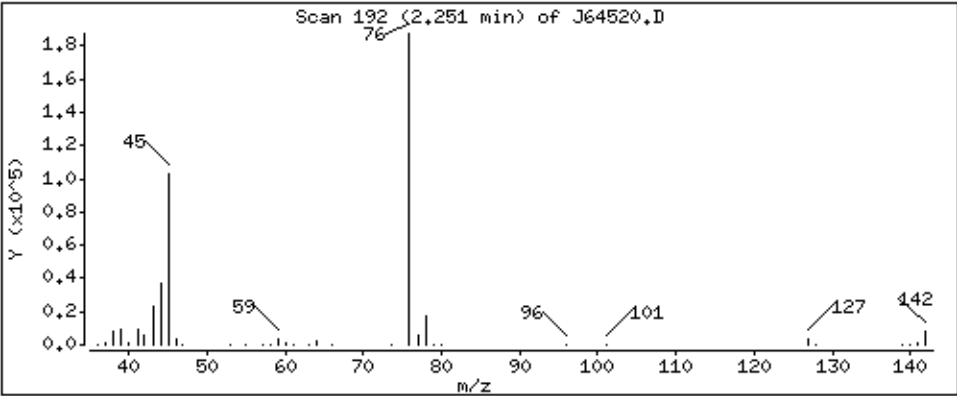
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

18 Iodomethane Concentration: 62,7 ug/L Review Code:

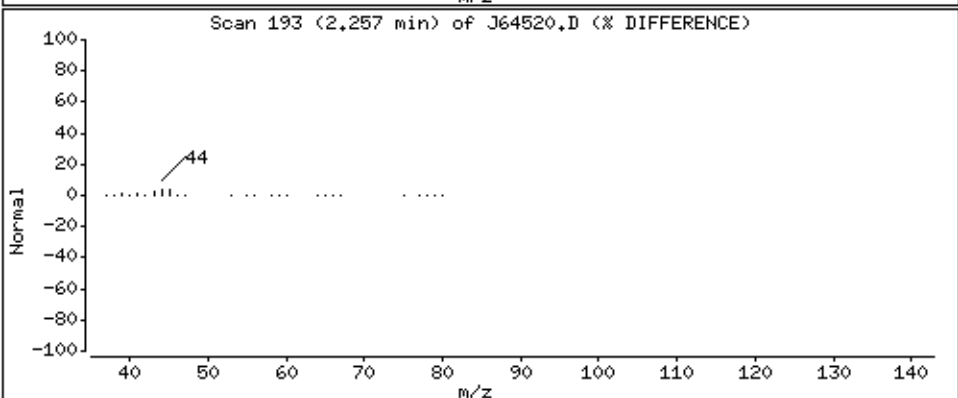
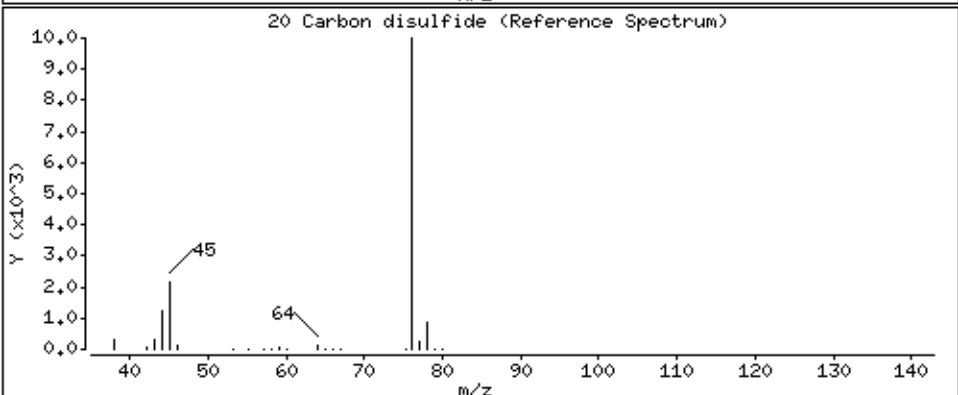
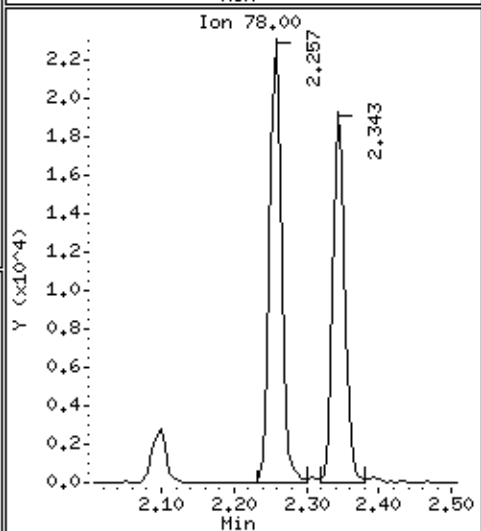
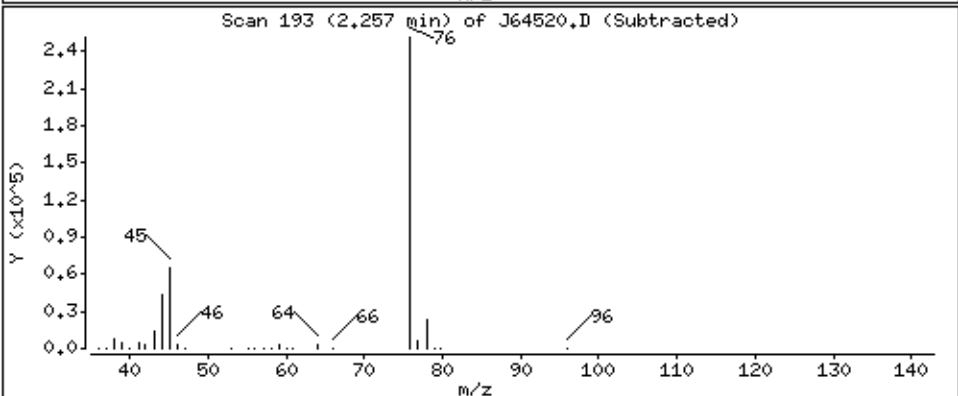
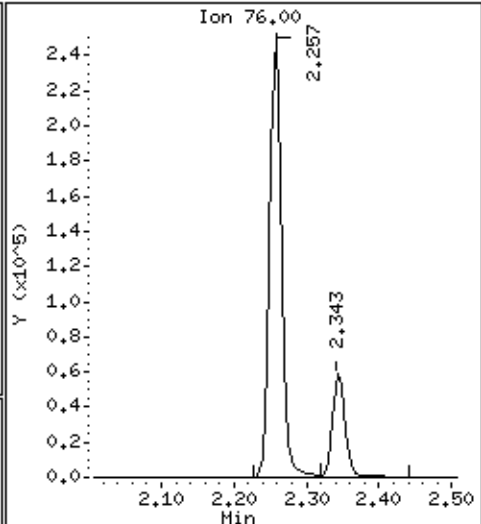
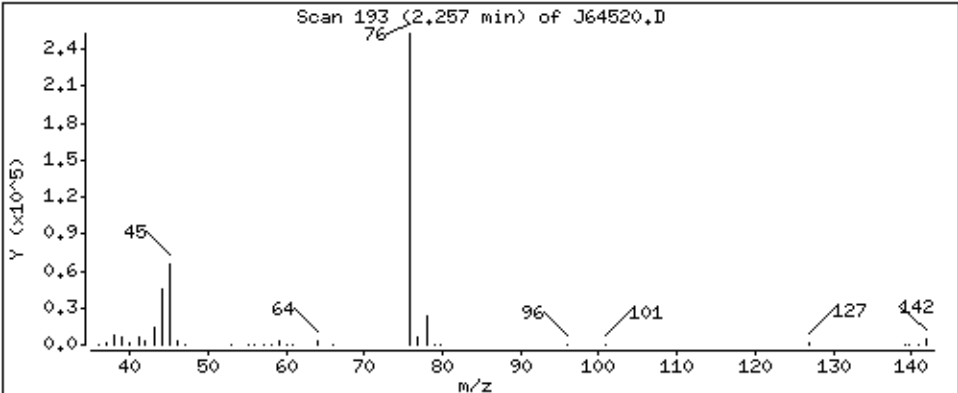


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

19 2-Propanol Concentration: 1350 ug/L Review Code:

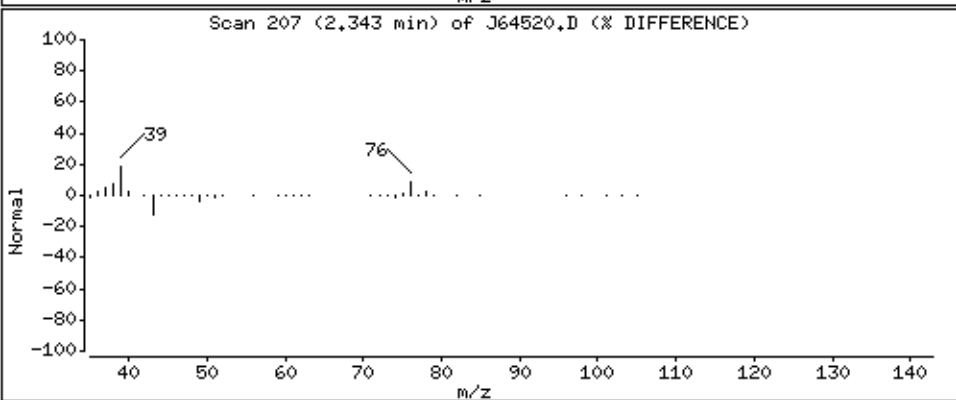
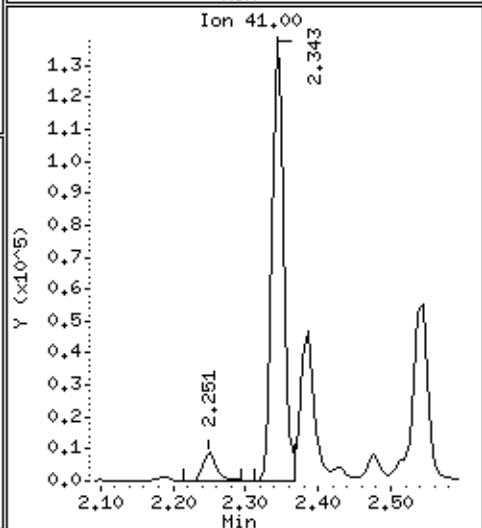
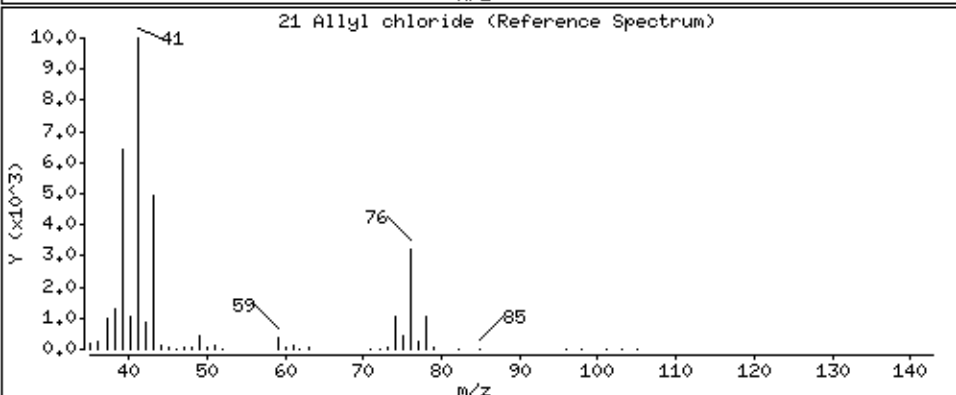
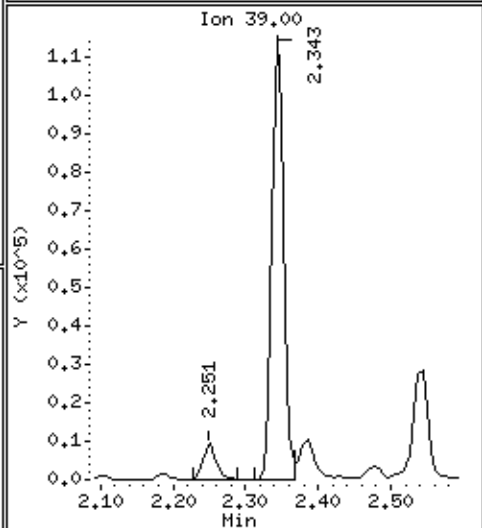
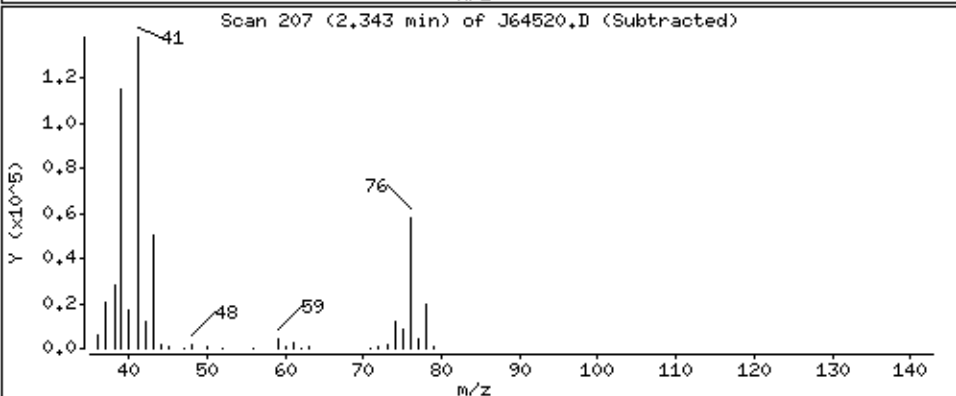
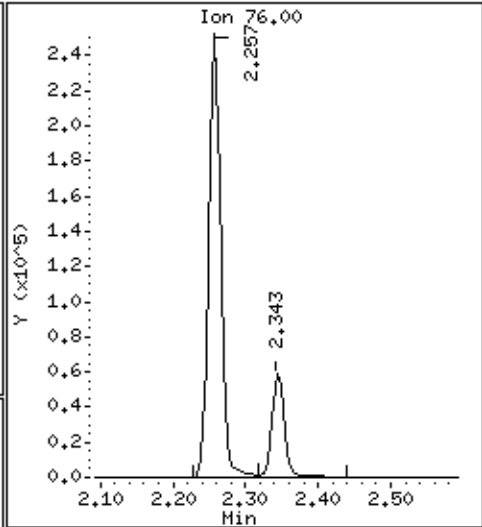
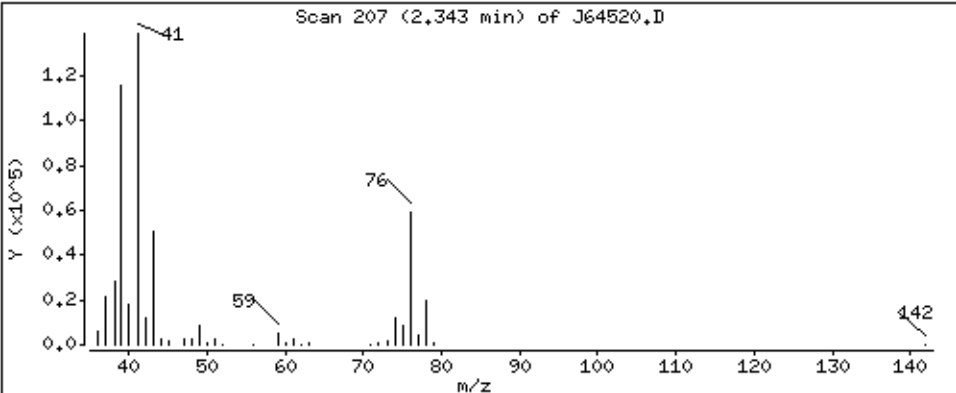


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 45.4 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

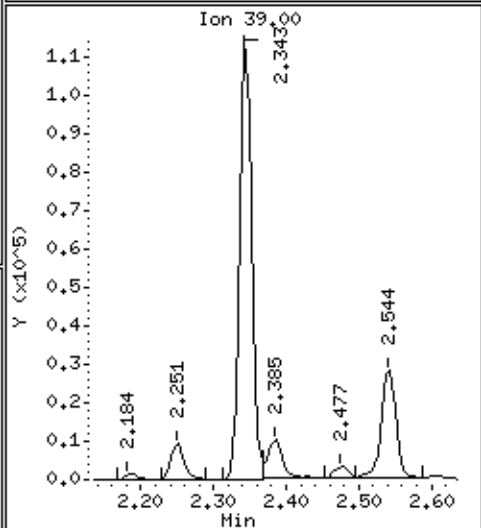
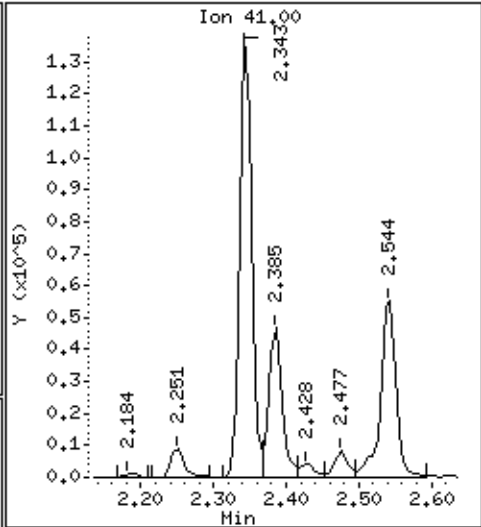
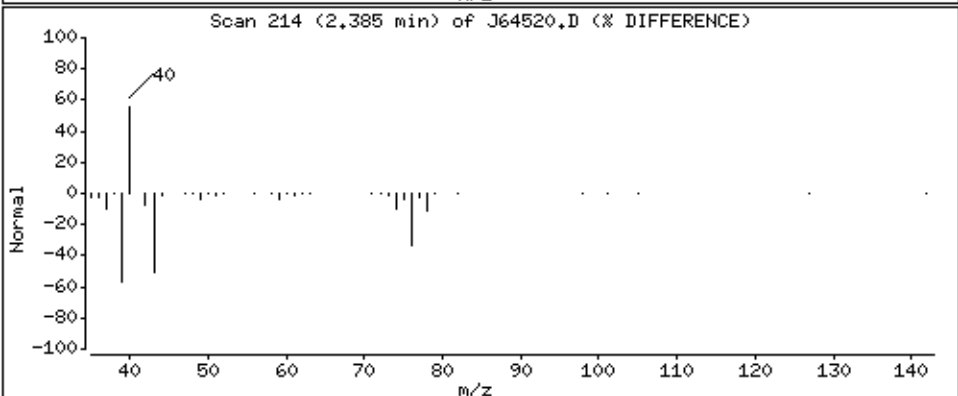
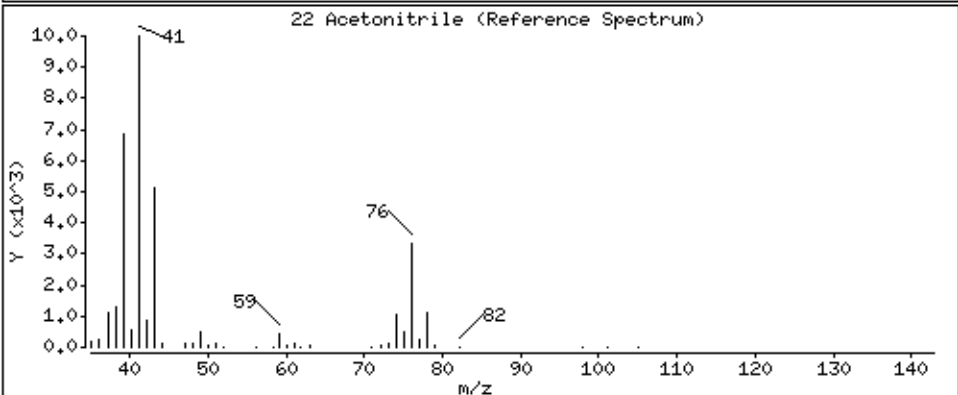
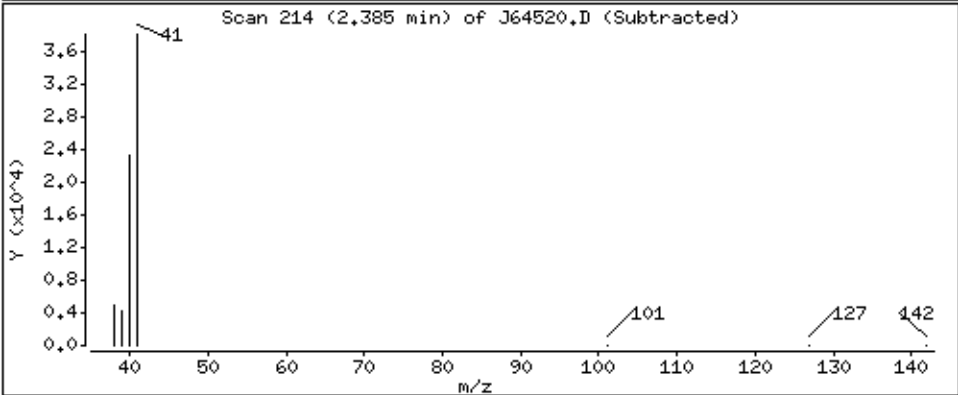
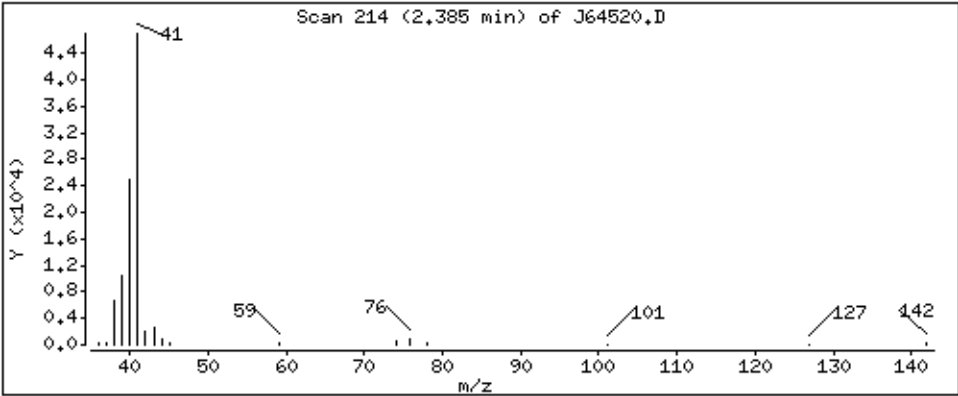


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

21 Allyl chloride Concentration: 49,3 ug/L Review Code:

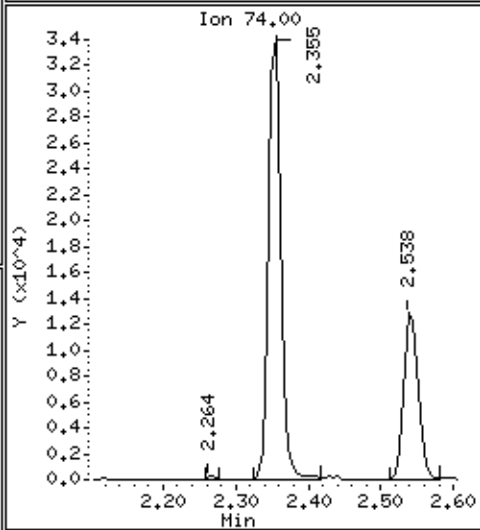
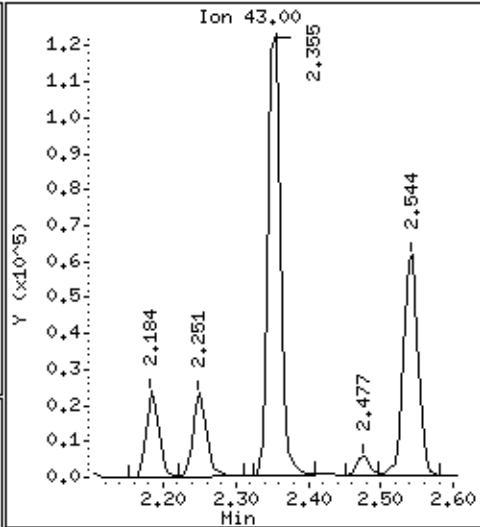
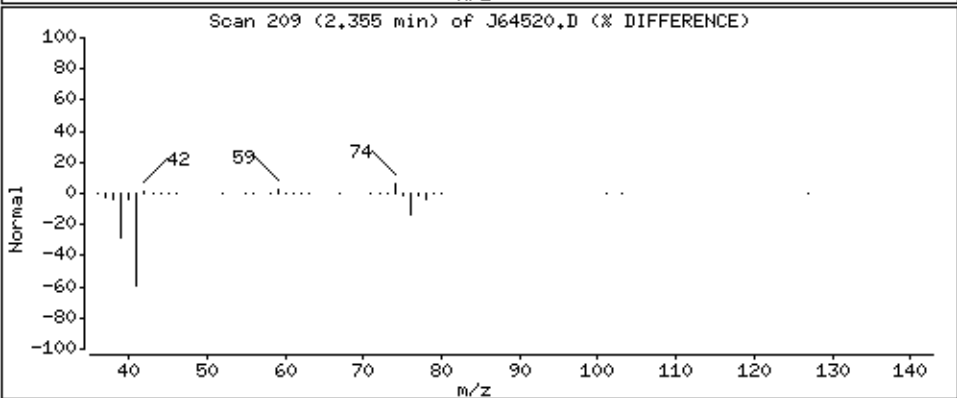
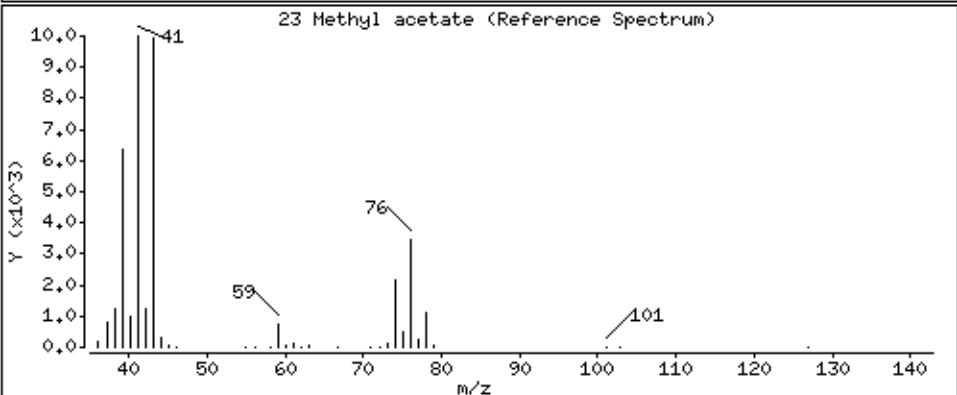
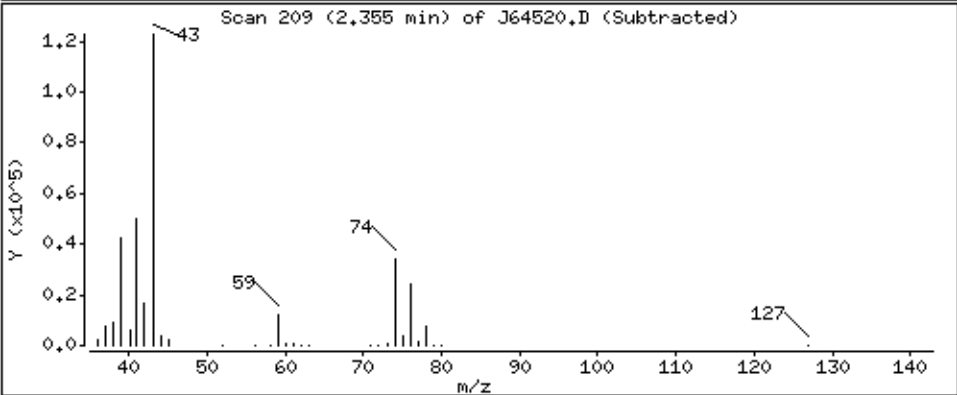
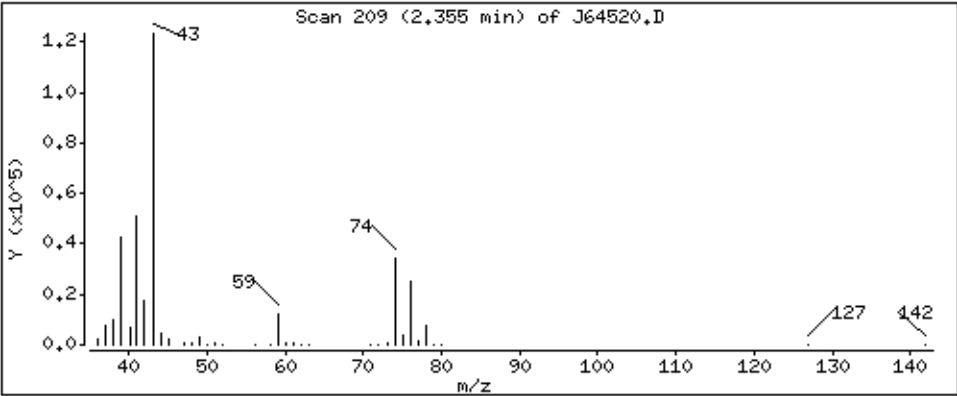


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 210 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:

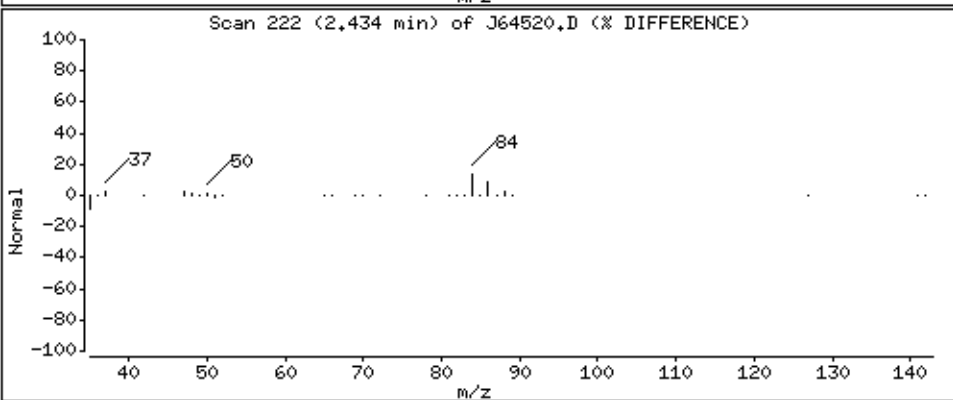
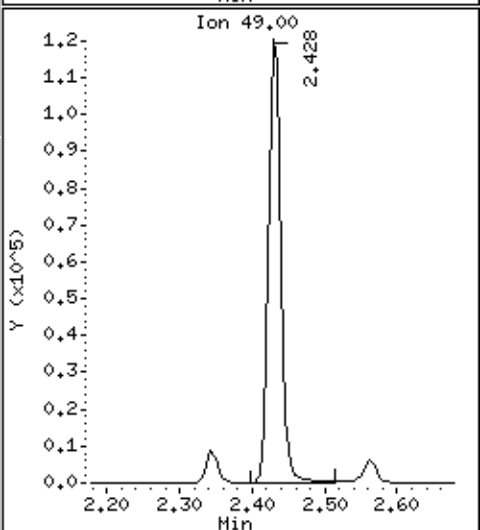
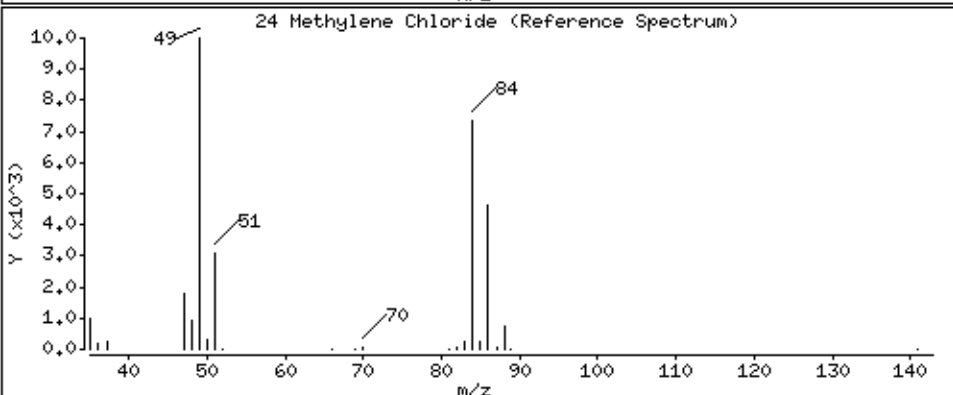
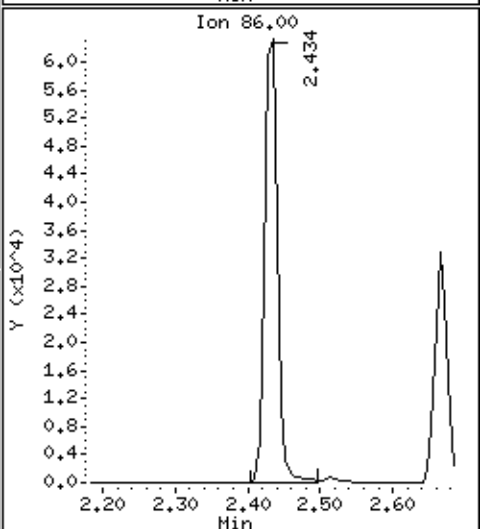
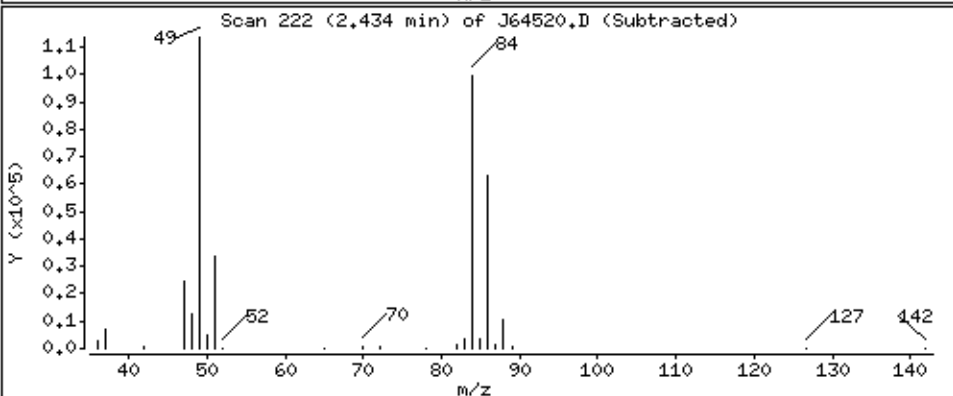
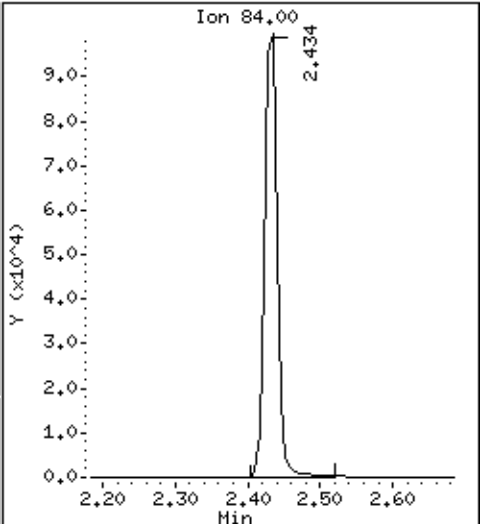
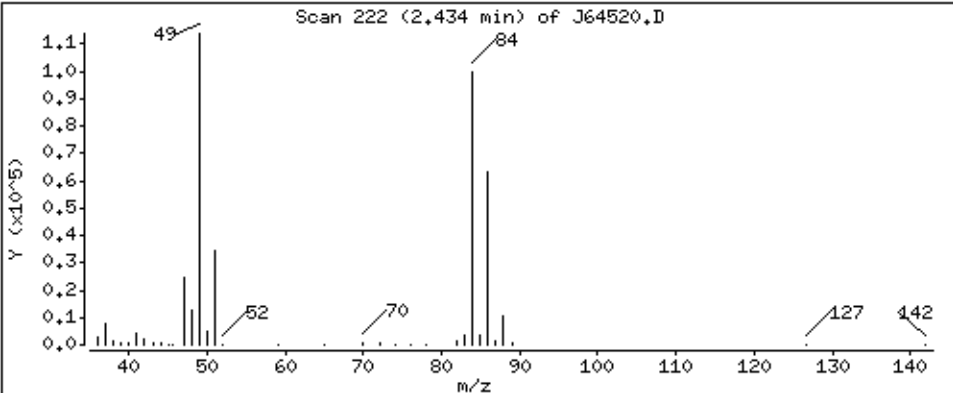


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

23 Methyl acetate Concentration: 43,3 ug/L Review Code:



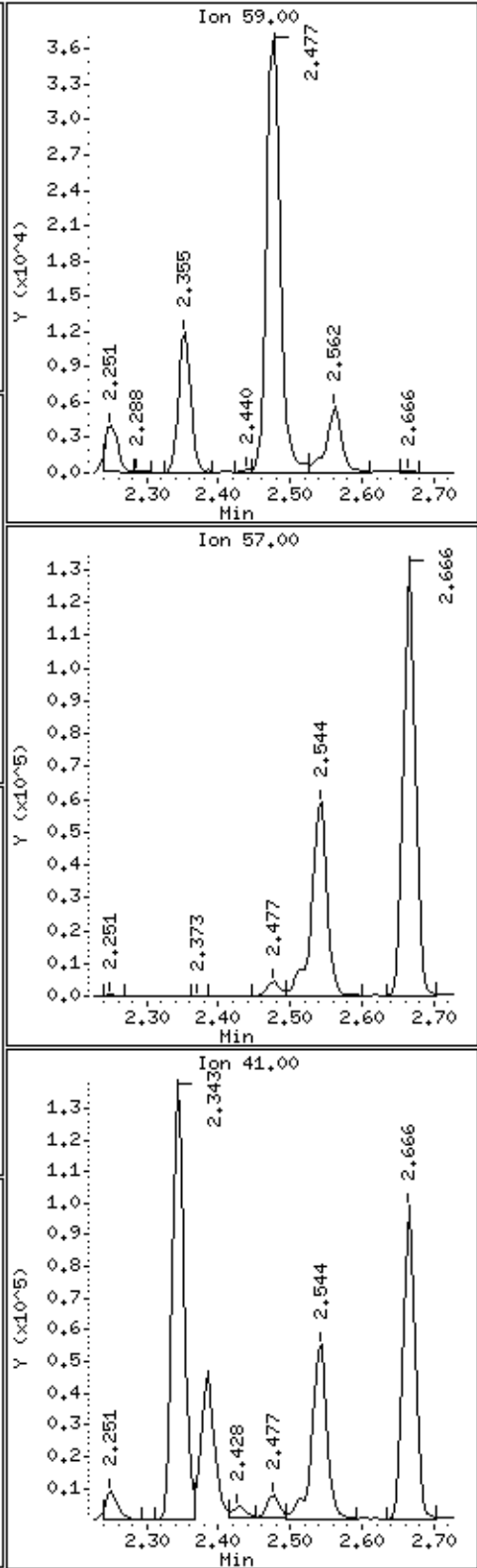
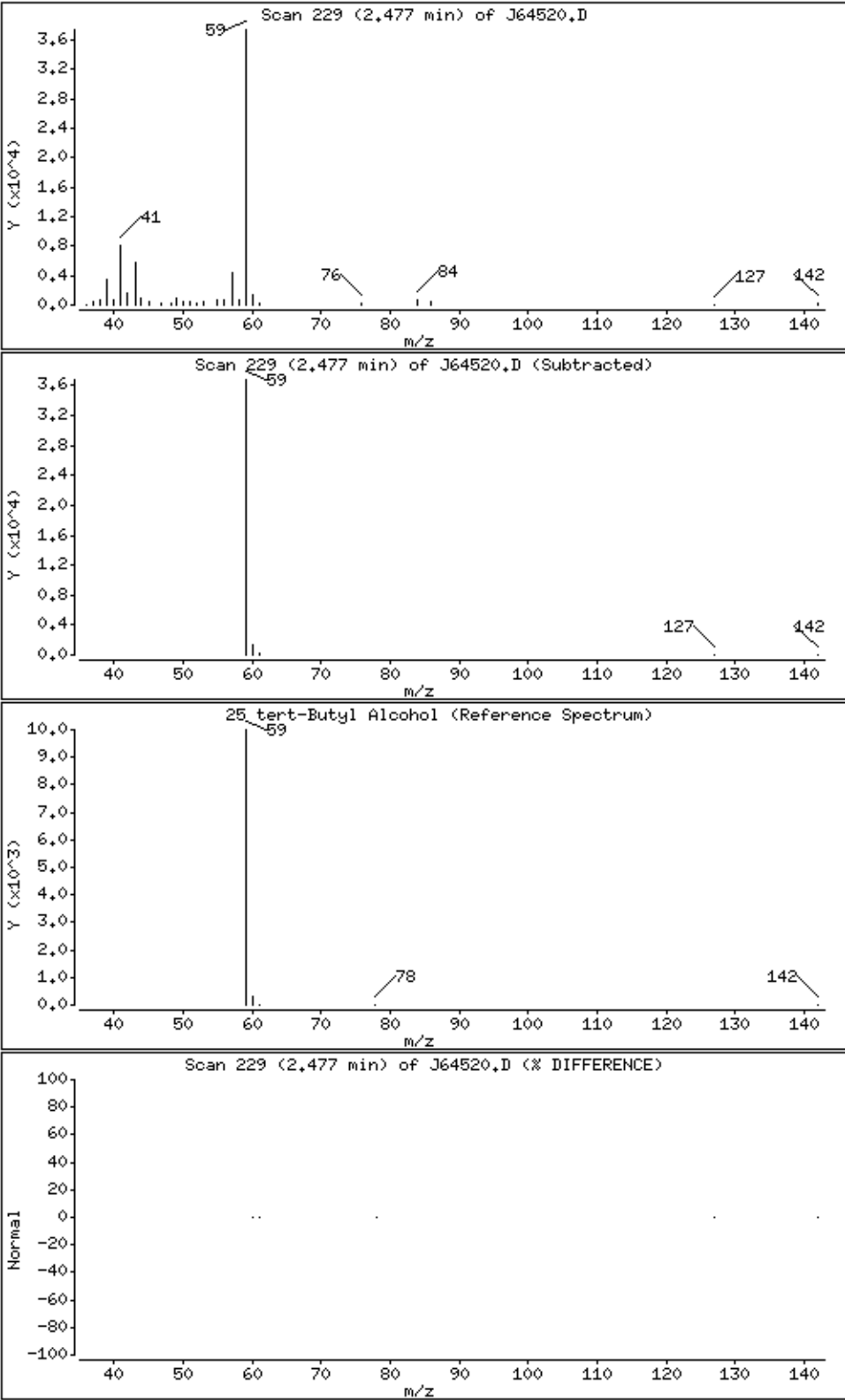
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
24 Methylene Chloride
Concentration: 45,8 ug/L
Review Code:



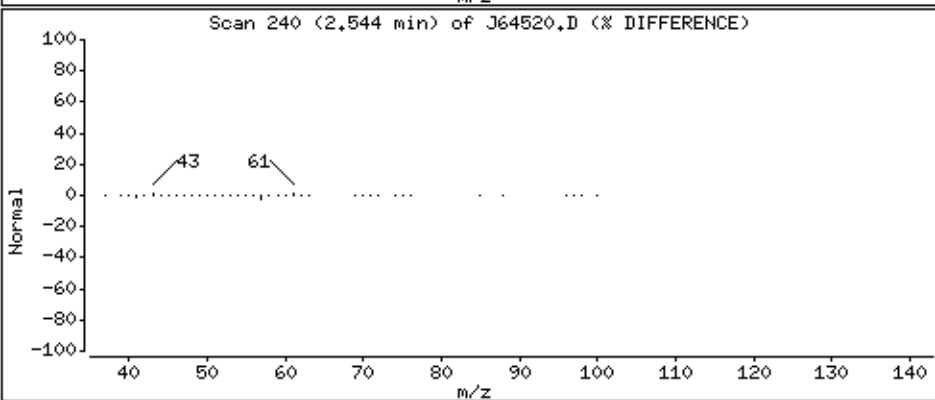
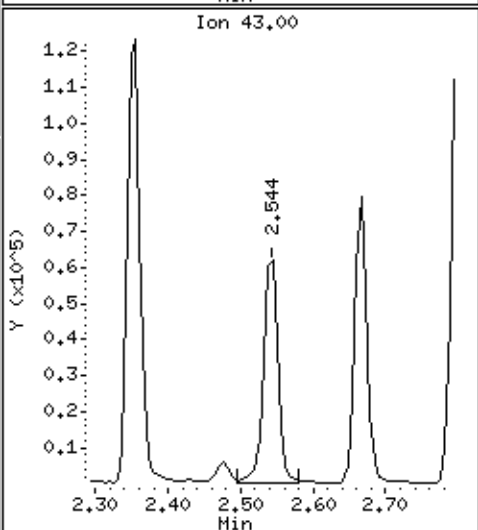
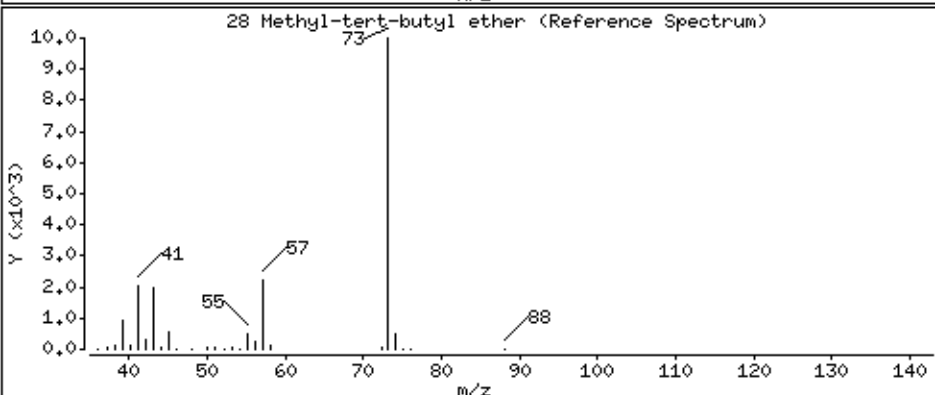
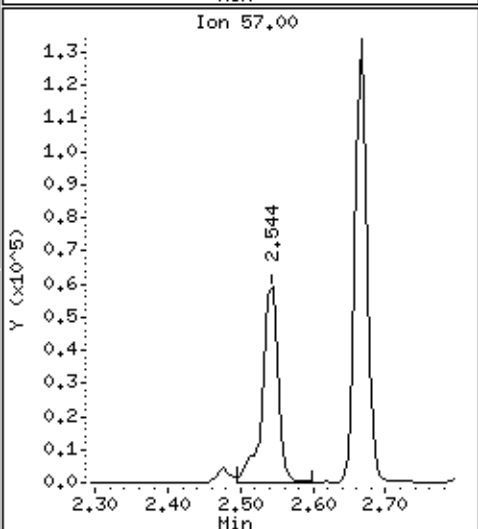
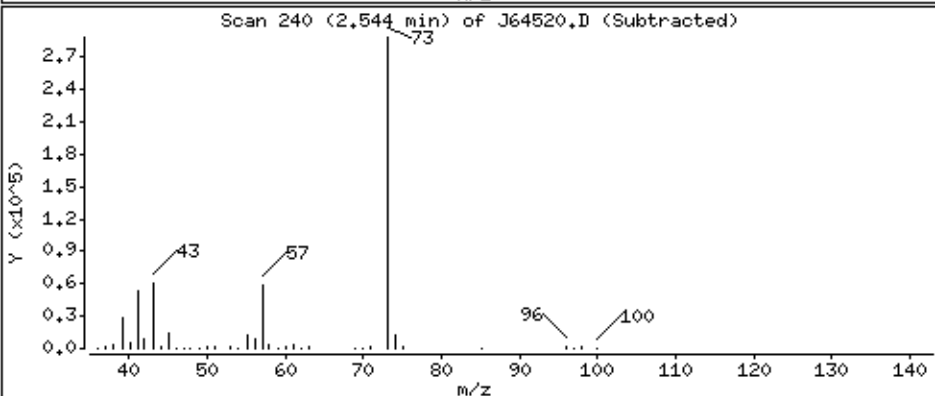
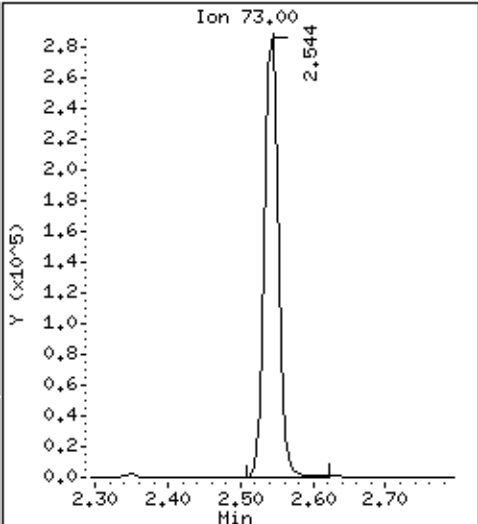
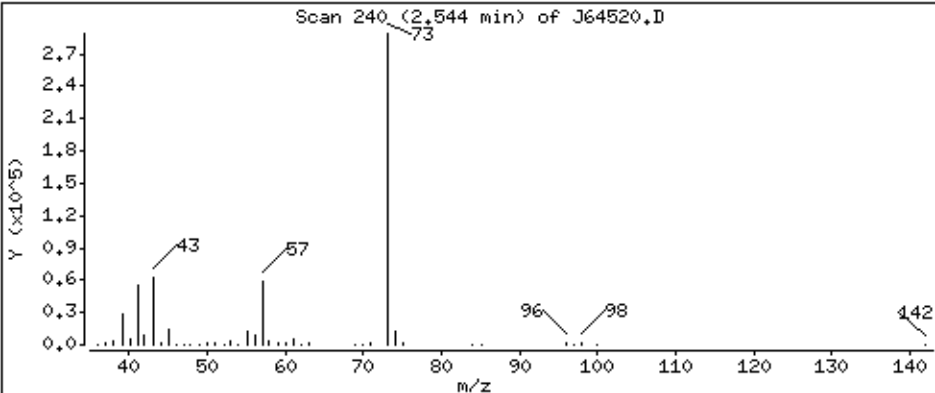
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 274 ug/L

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

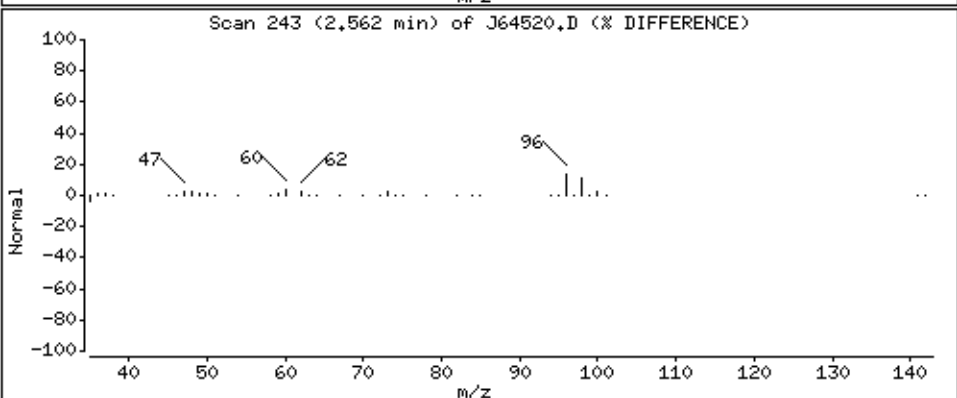
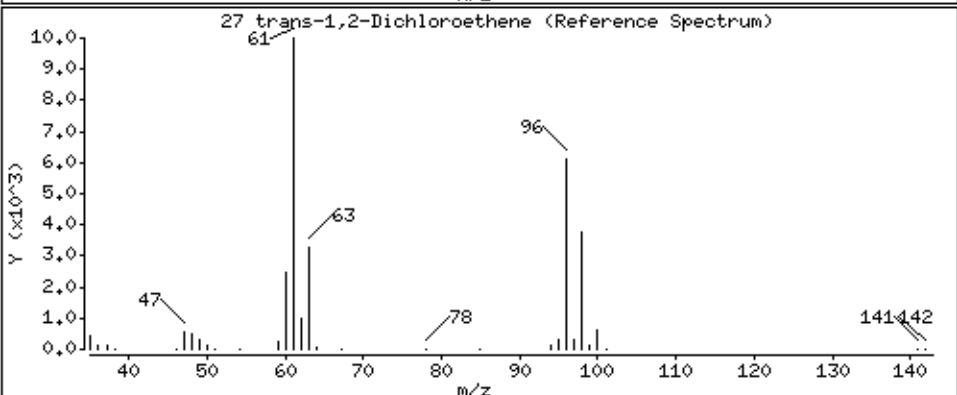
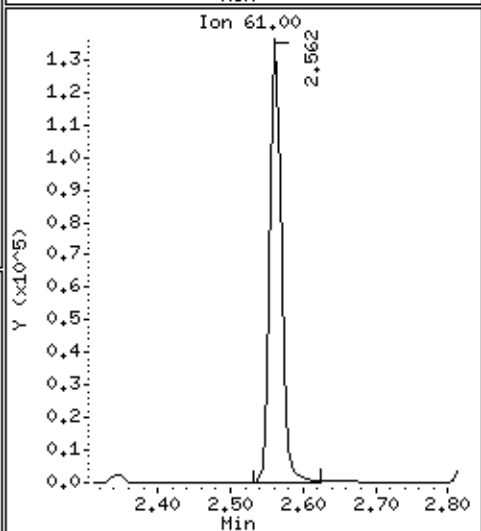
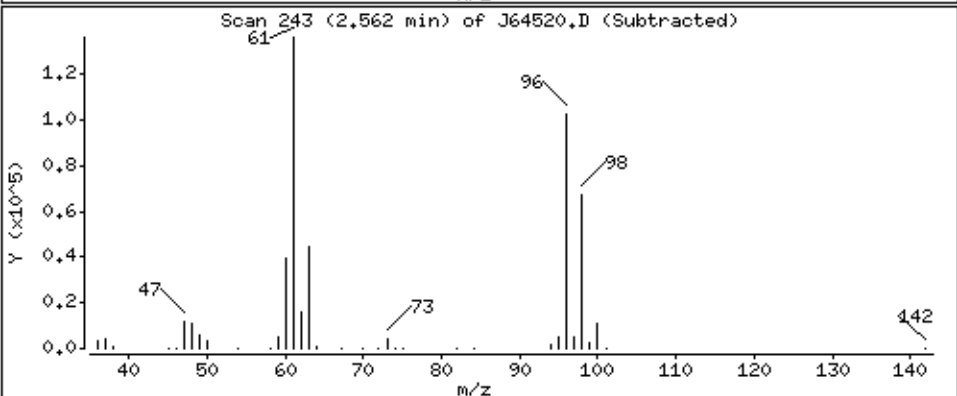
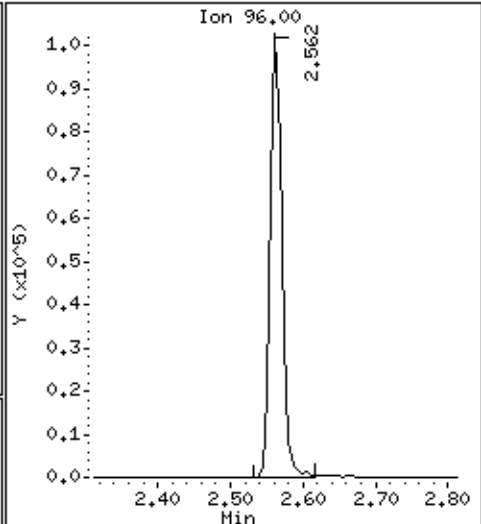
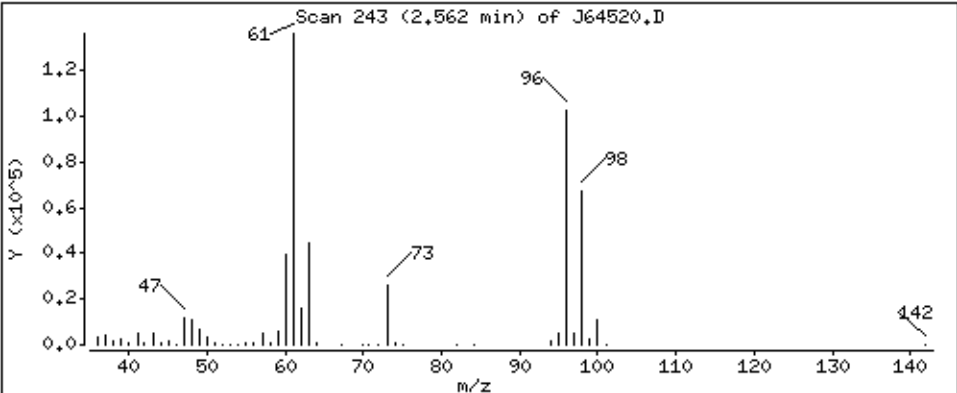
25 tert-Butyl Alcohol
Review Code:



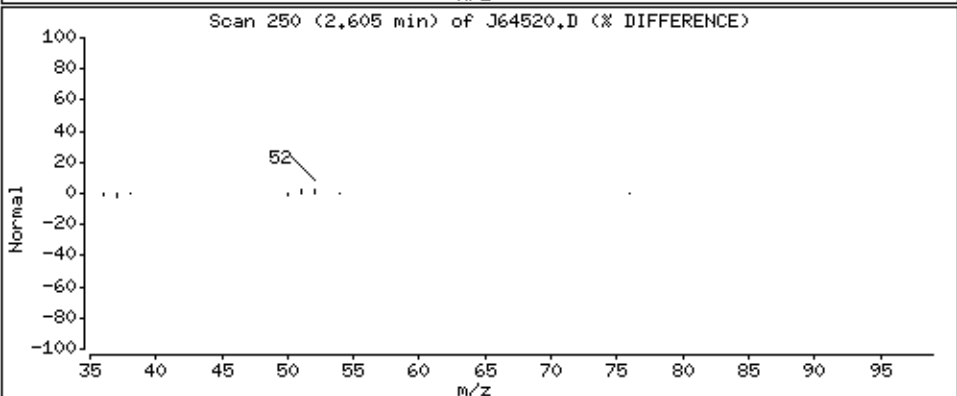
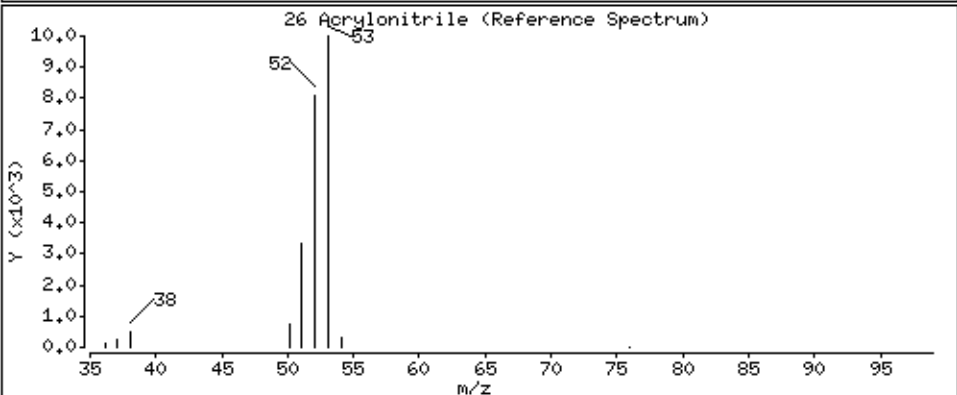
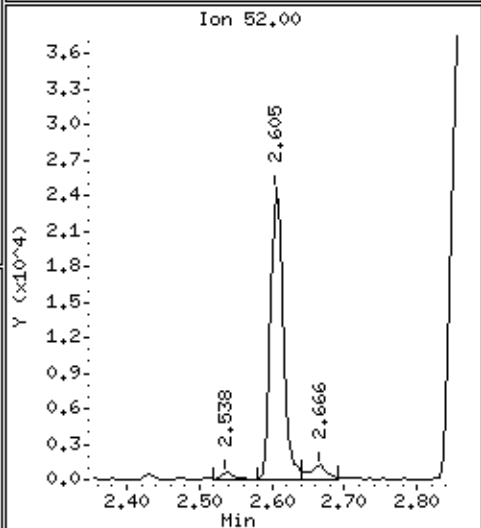
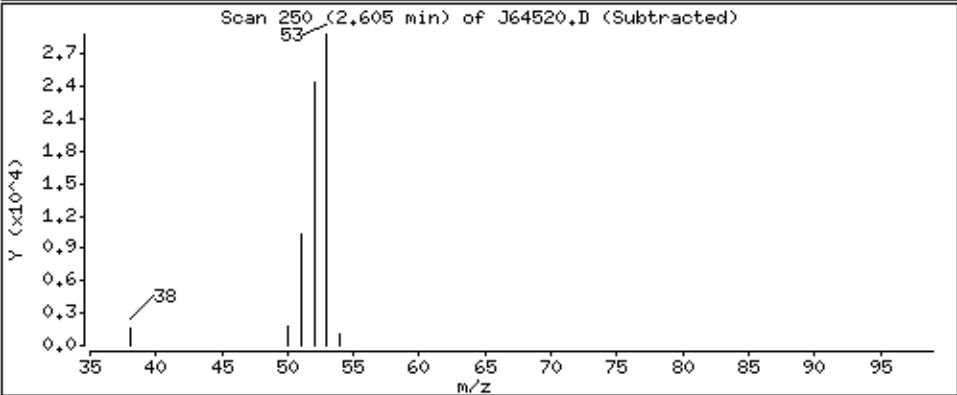
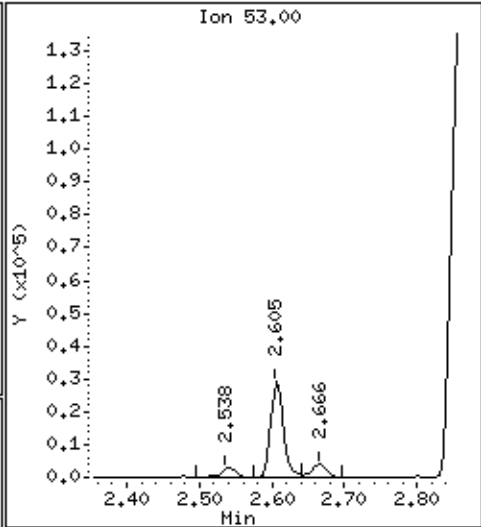
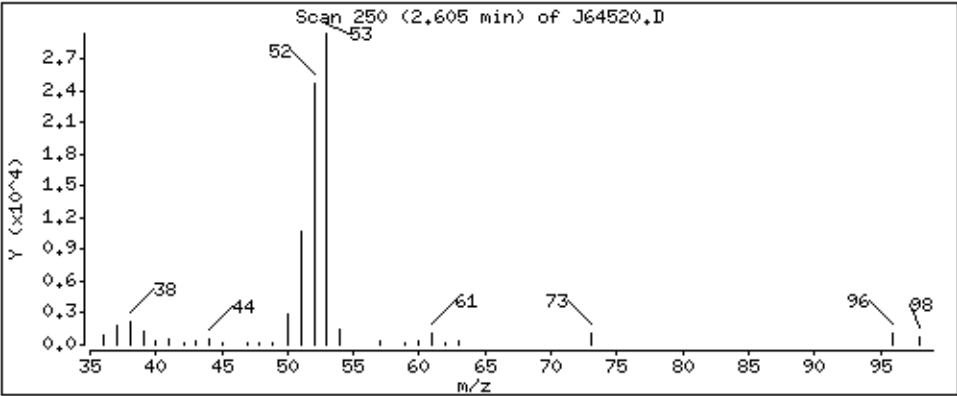
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1,25
Purge Volume: 5.0
Column phase: RTX-624
28 Methyl-tert-butyl ether
Concentration: 50.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1,25
Purge Volume: 5.0
Column phase: RTX-624
27 trans-1,2-Dichloroethene
Concentration: 49.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



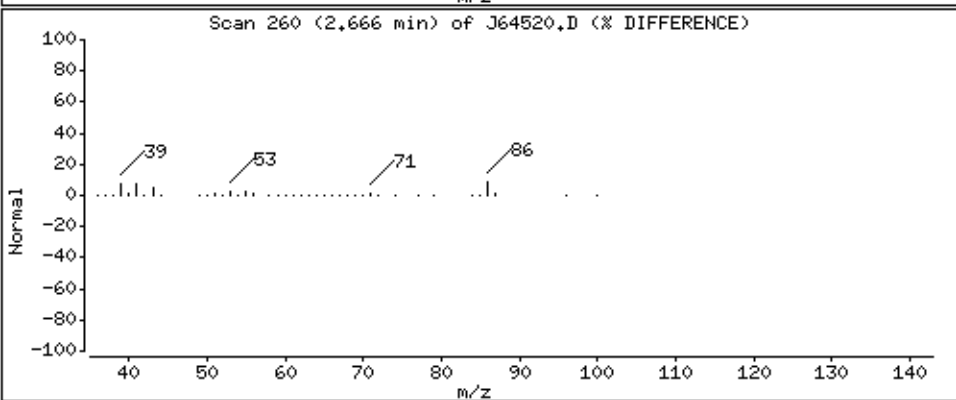
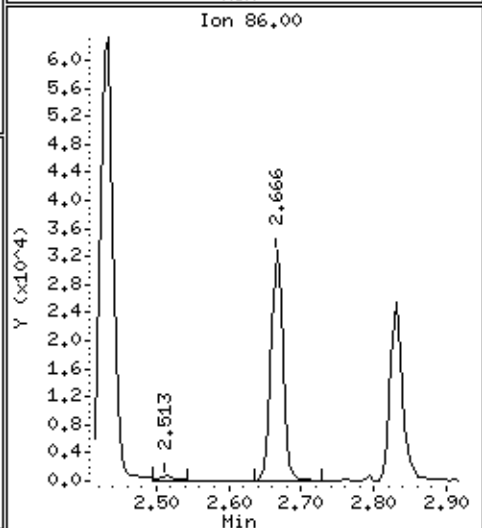
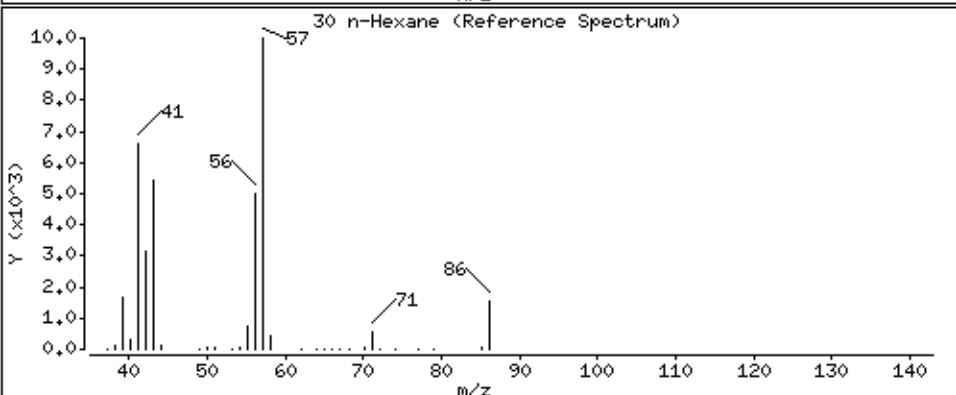
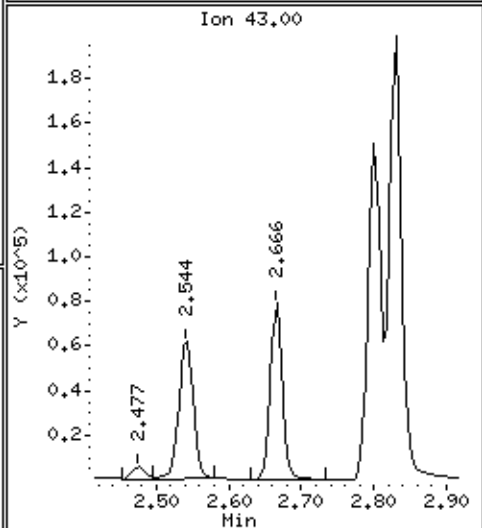
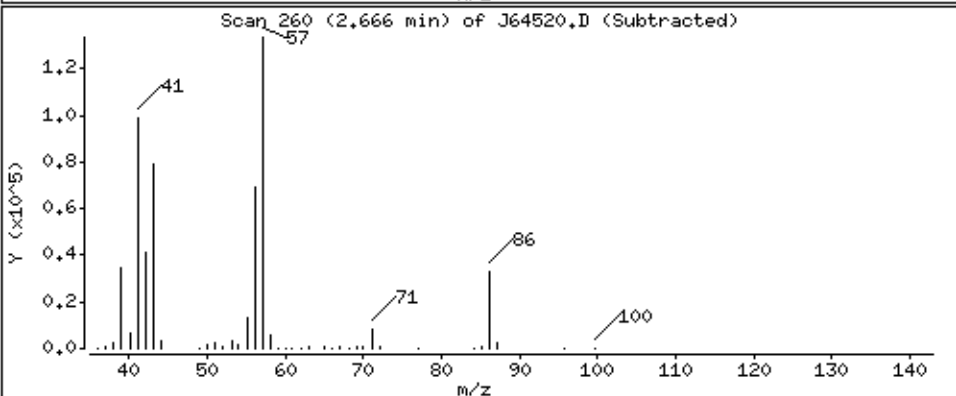
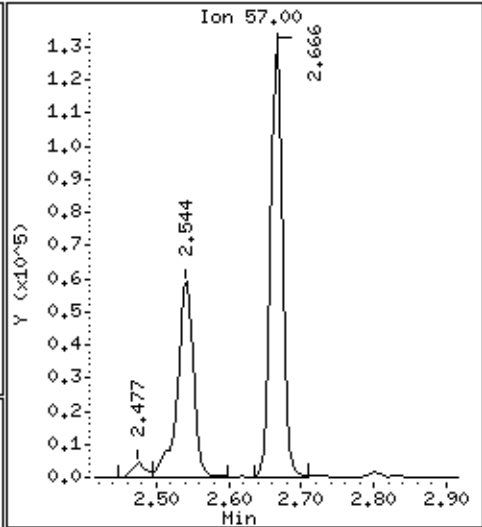
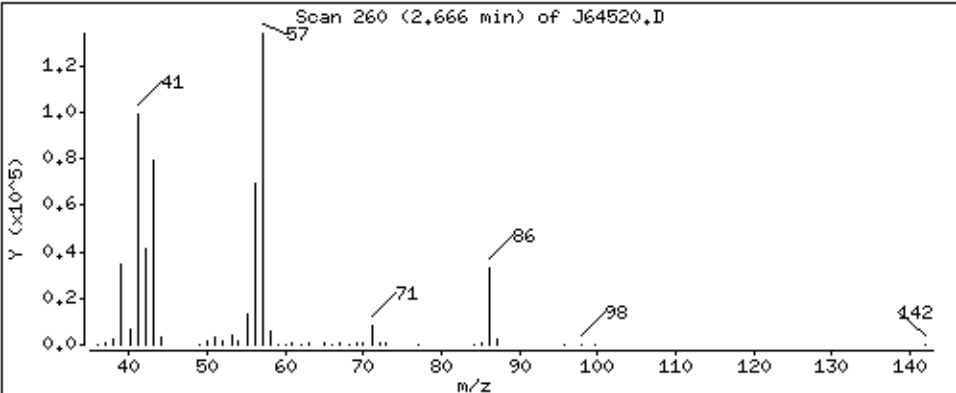
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
26 Acrylonitrile
Concentration: 42.6 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1,25
Purge Volume: 5.0
Column phase: RTX-624

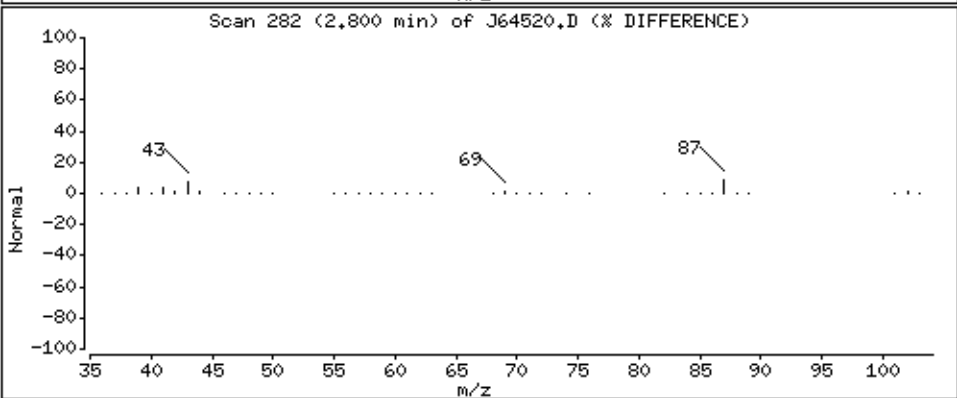
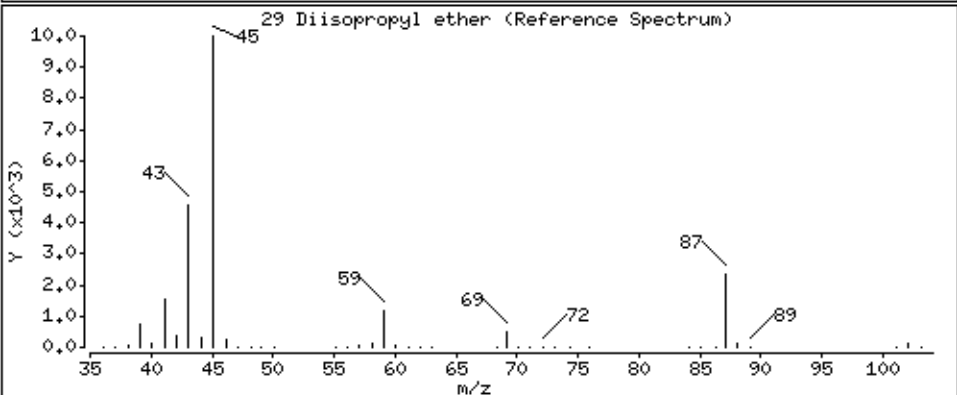
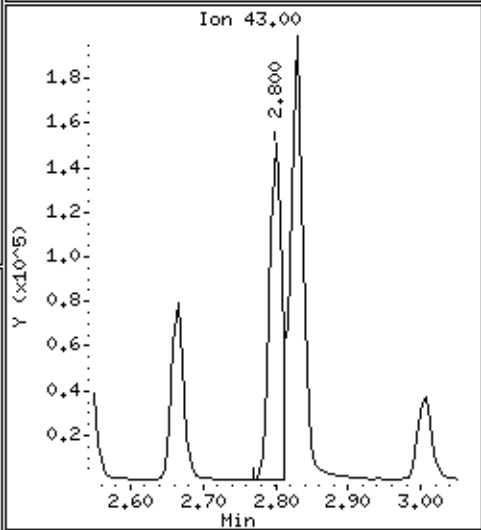
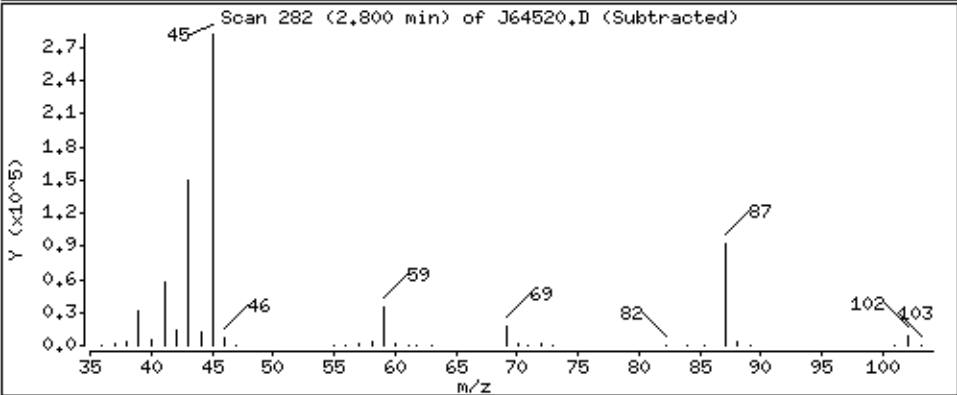
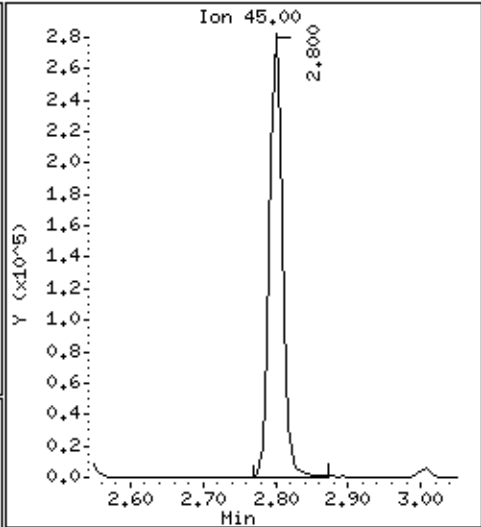
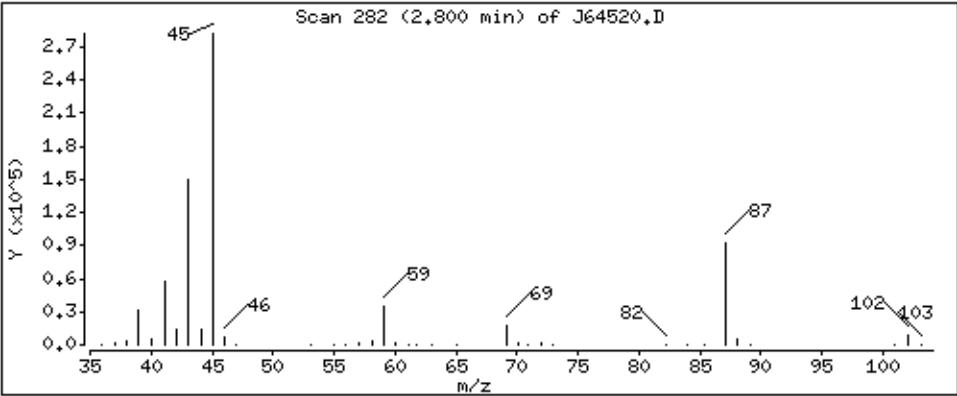
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

30 n-Hexane
Concentration: 39,7 ug/L
Review Code:

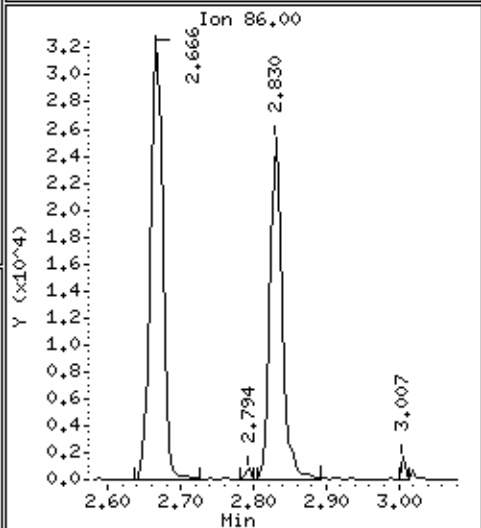
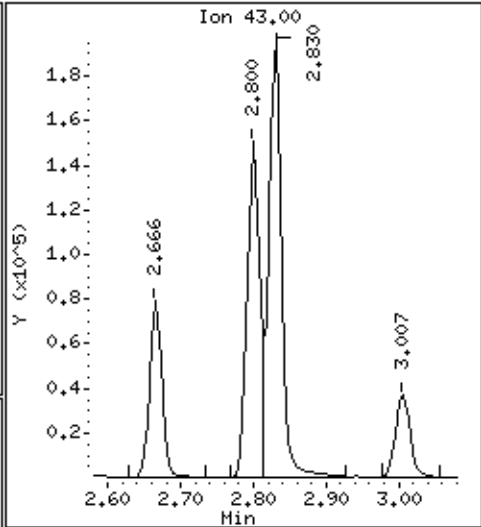
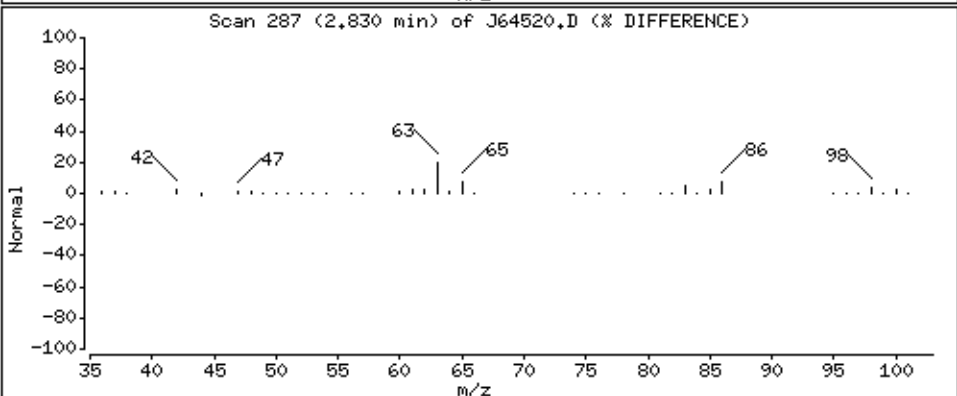
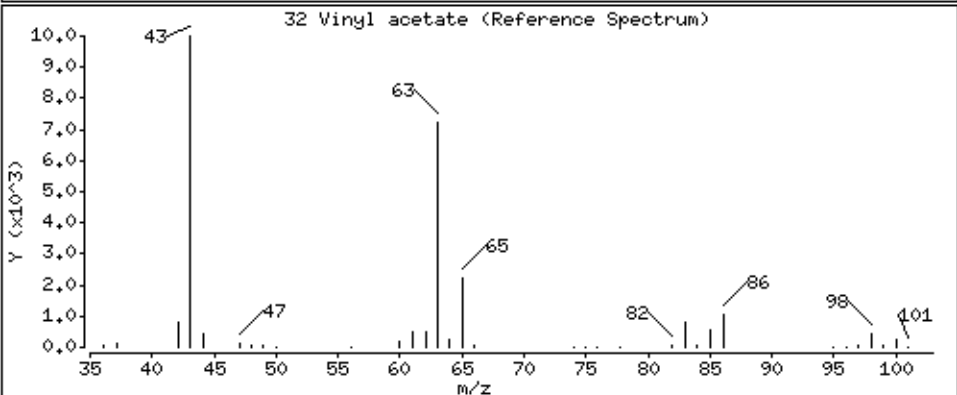
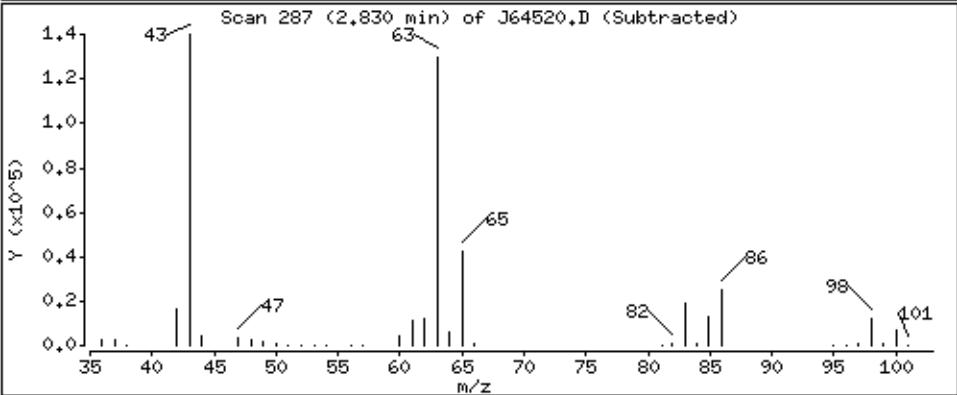
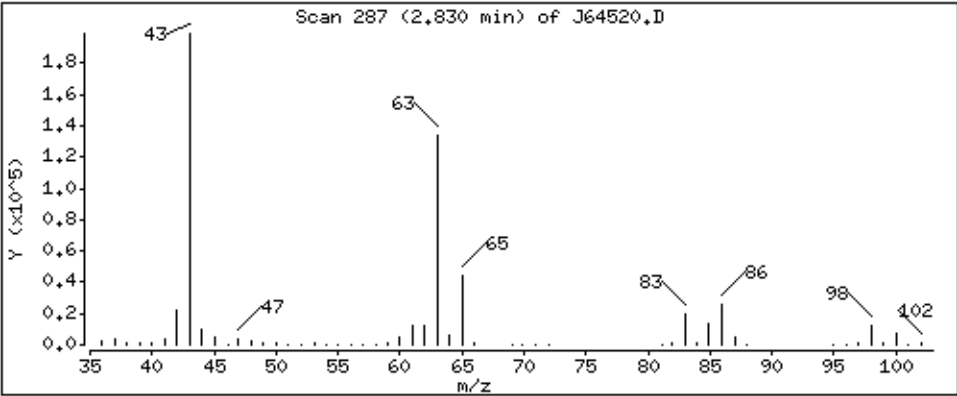


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

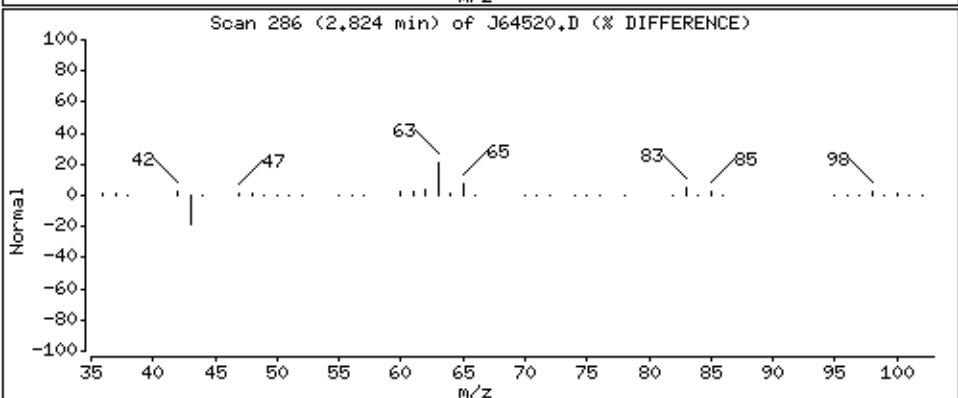
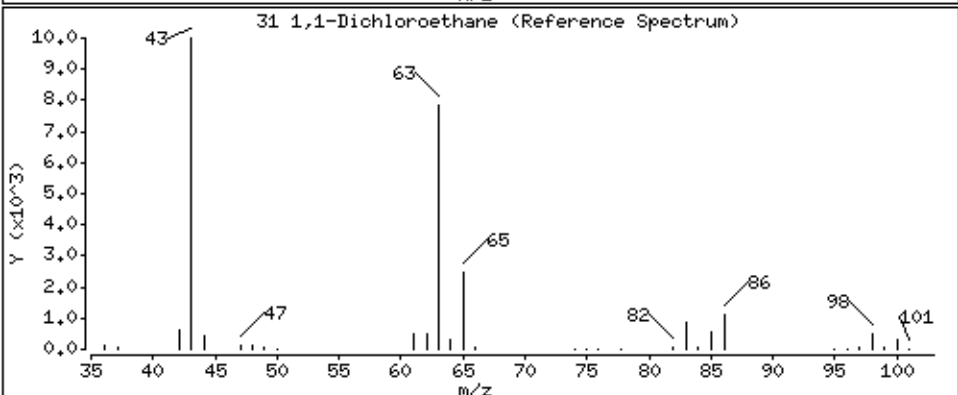
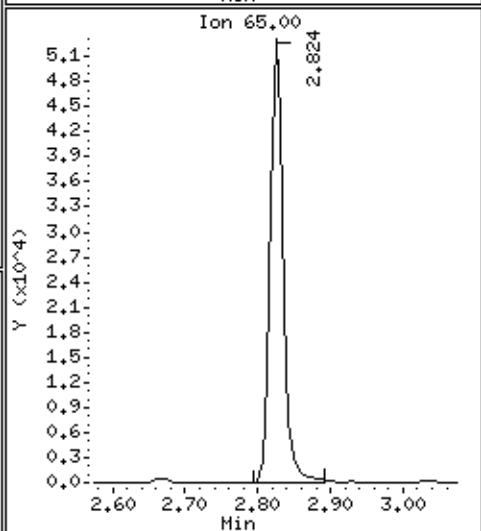
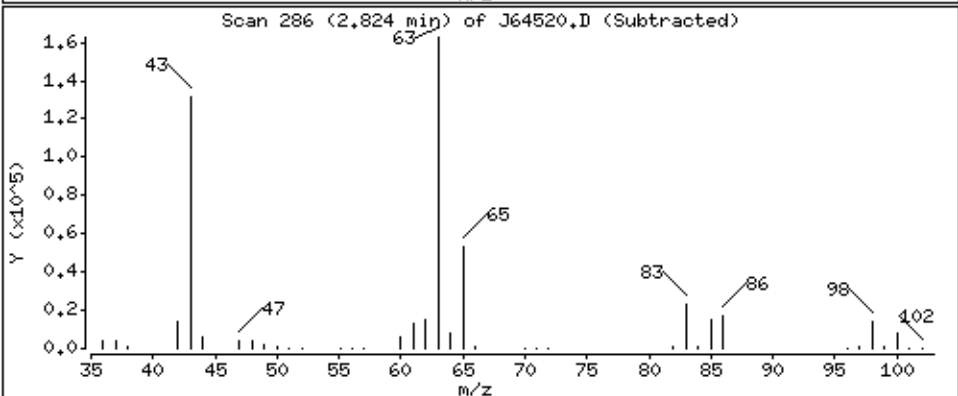
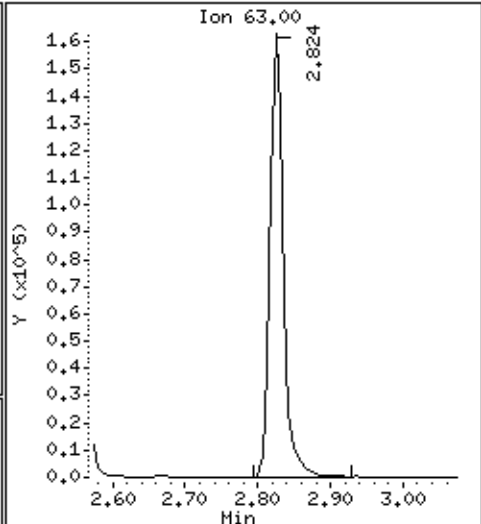
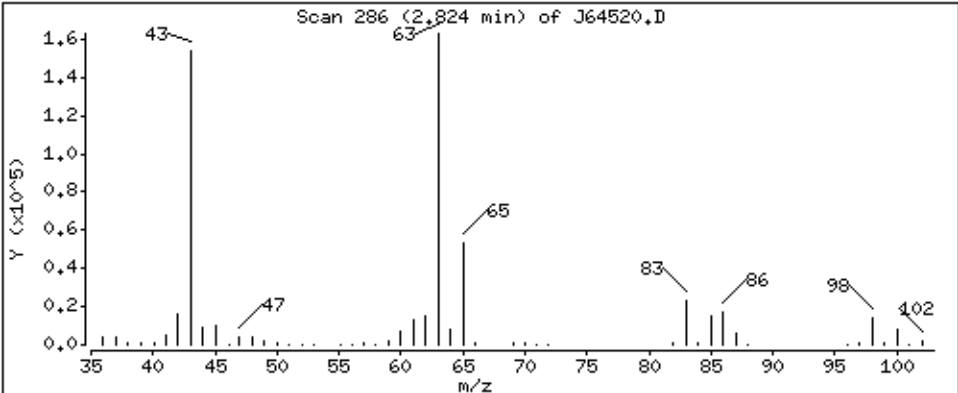
29 Diisopropyl ether Concentration: 41.7 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
32 Vinyl acetate
Concentration: 45.3 ug/L
Review Code:

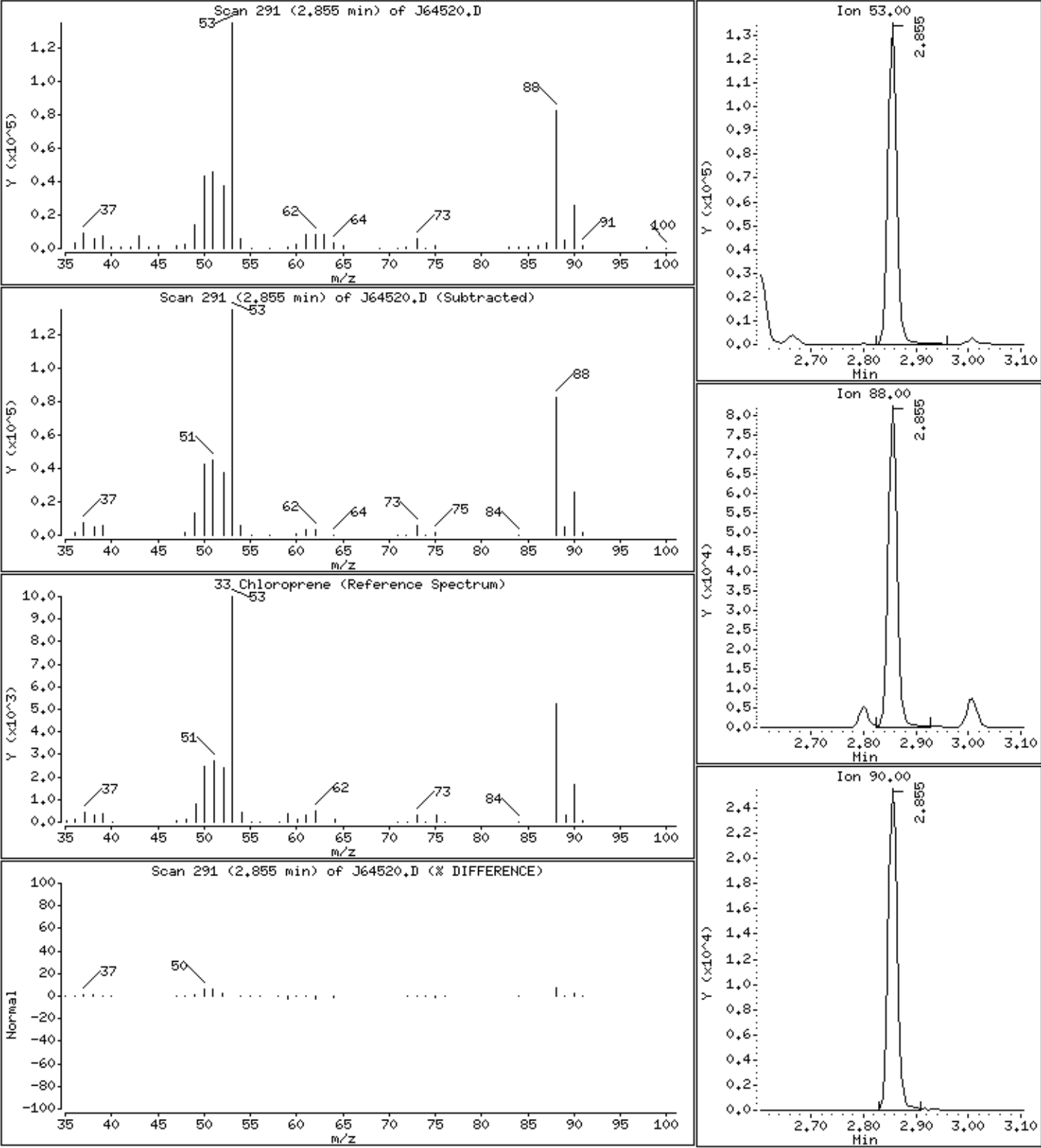


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 46.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



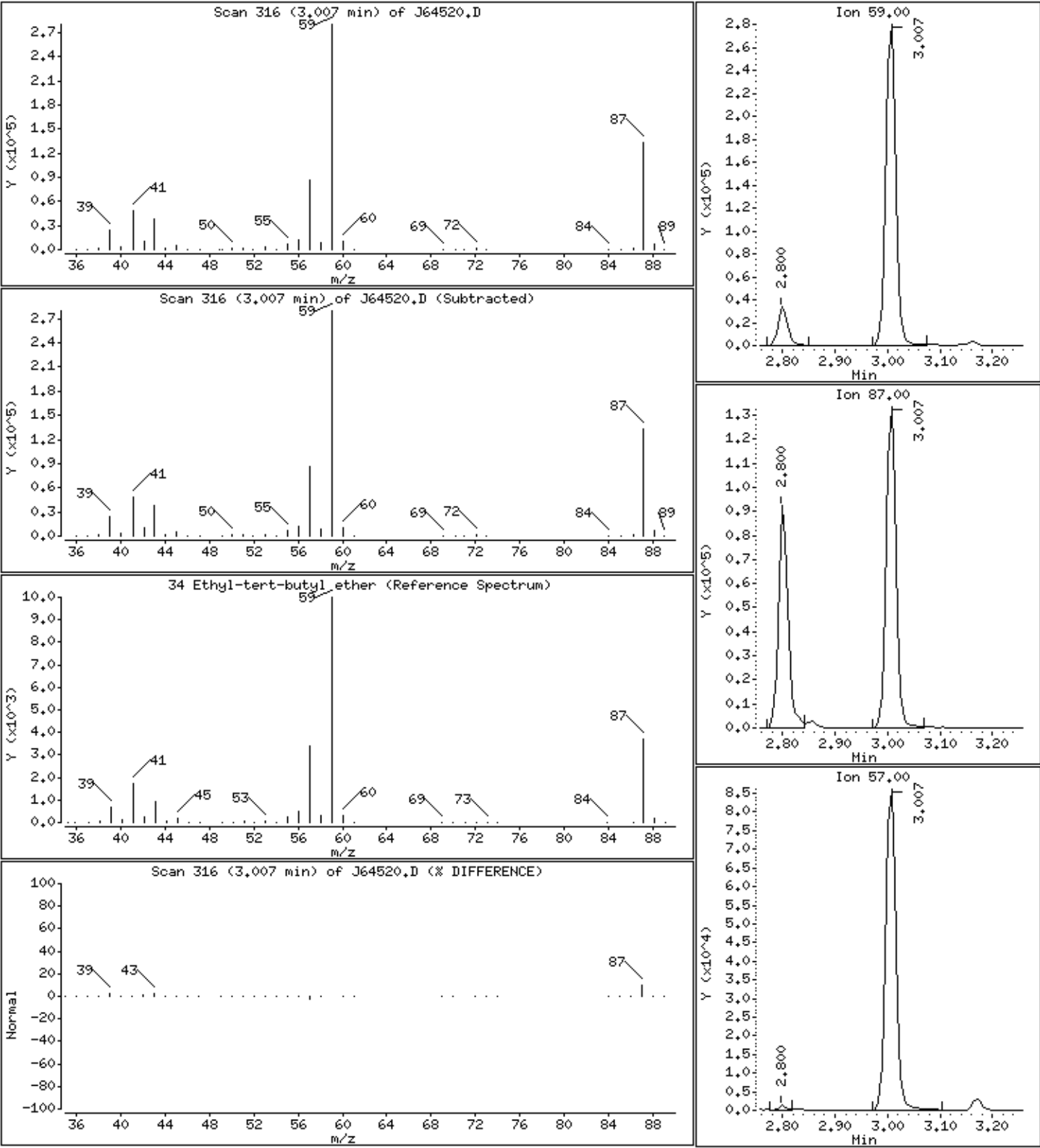
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

33 Chloroprene Concentration: 43,4 ug/L Review Code:

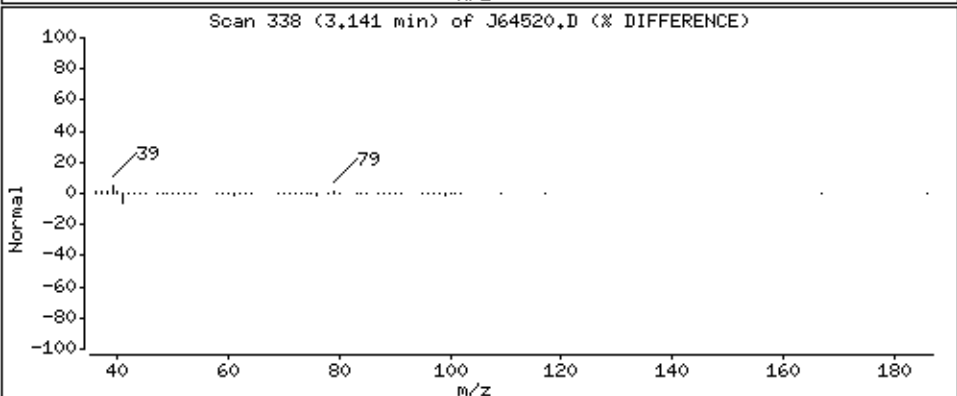
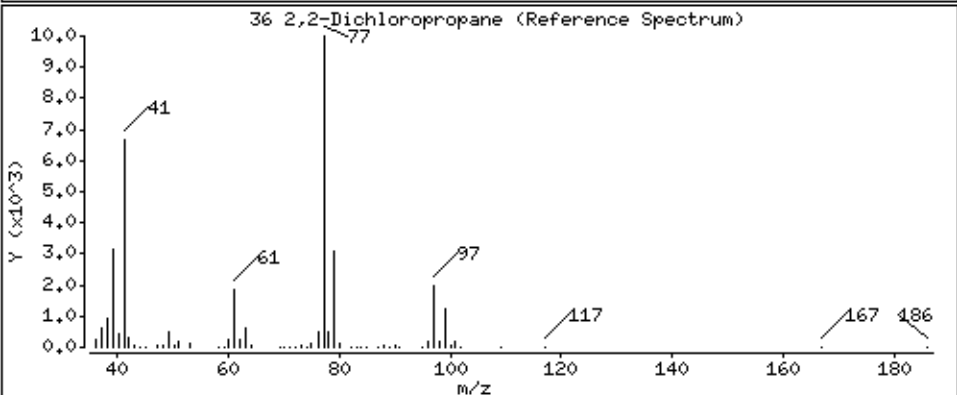
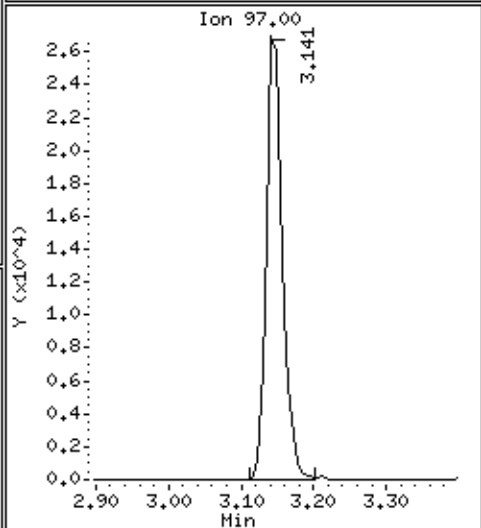
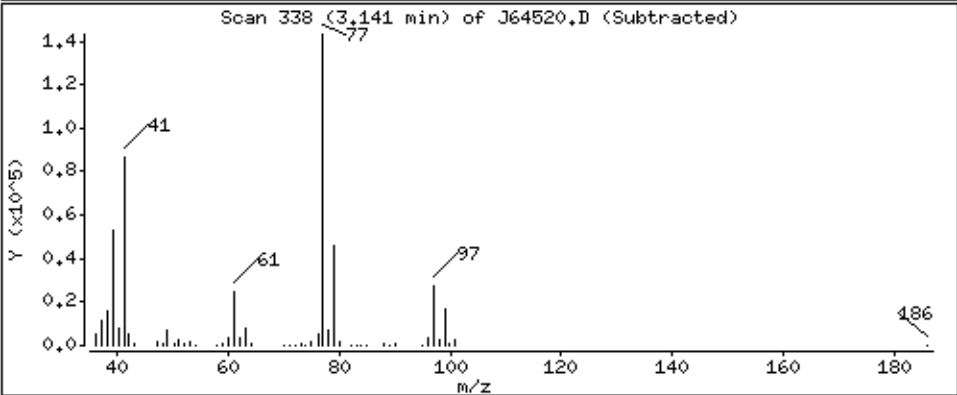
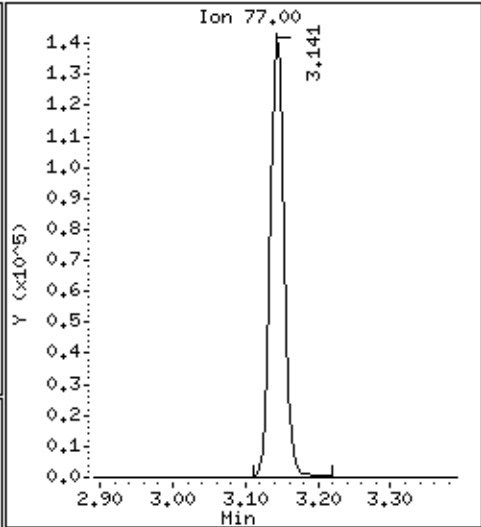
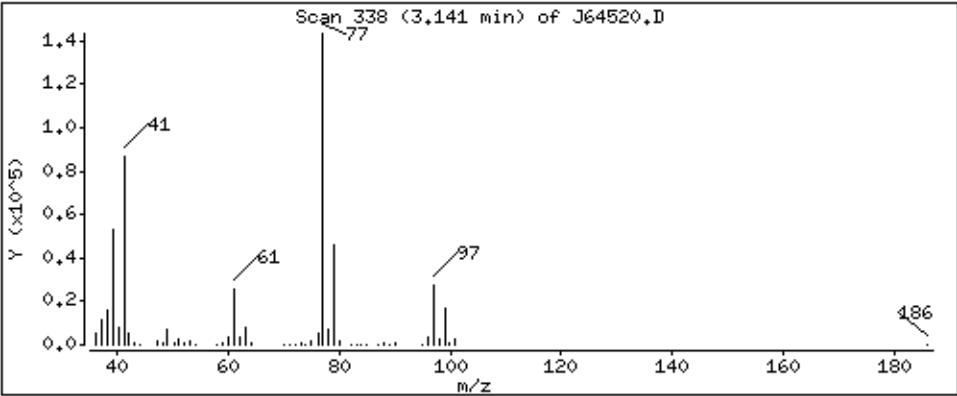


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

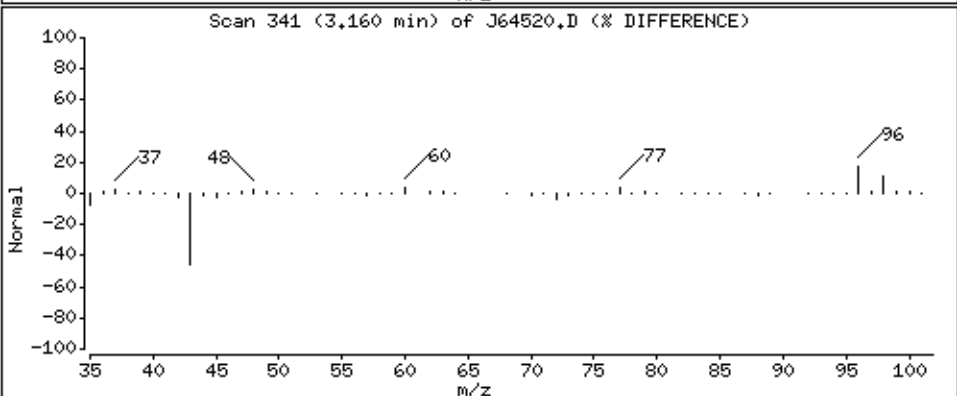
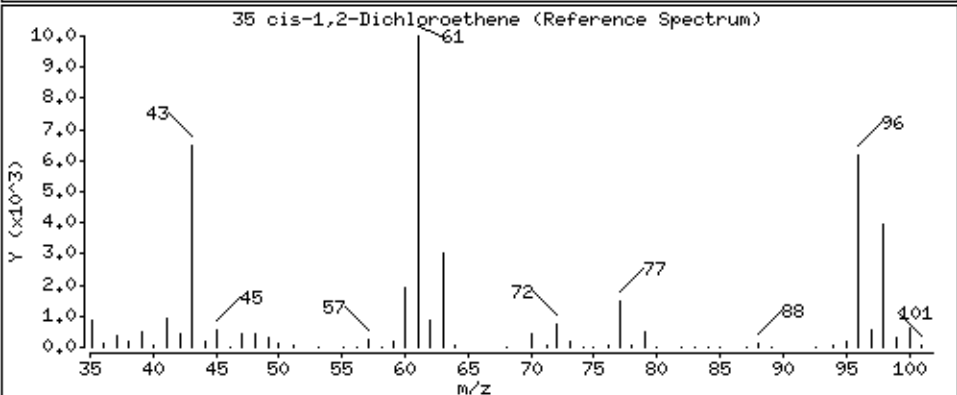
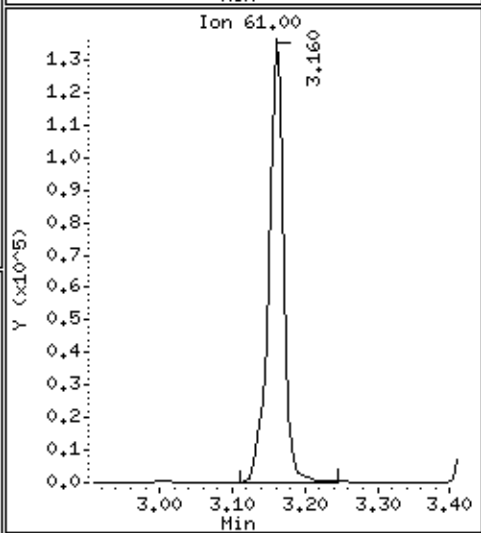
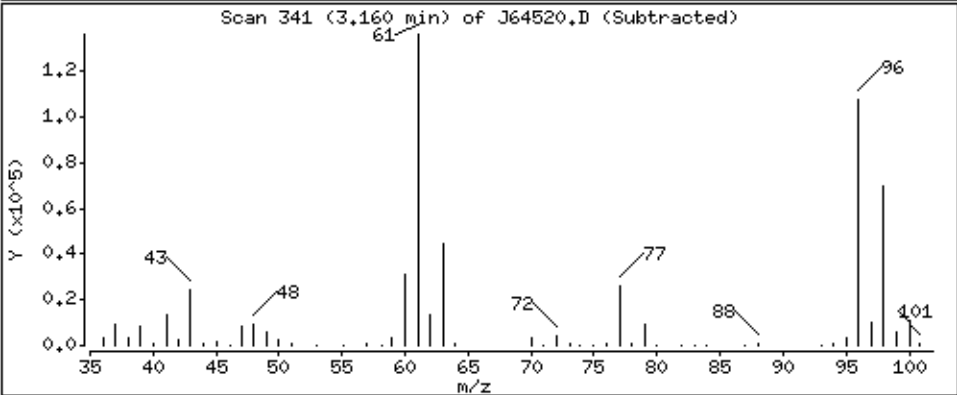
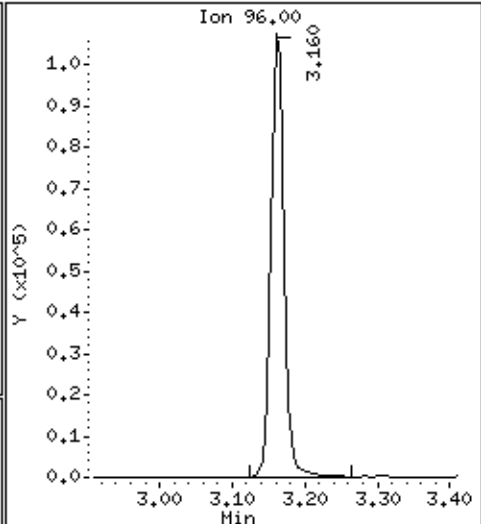
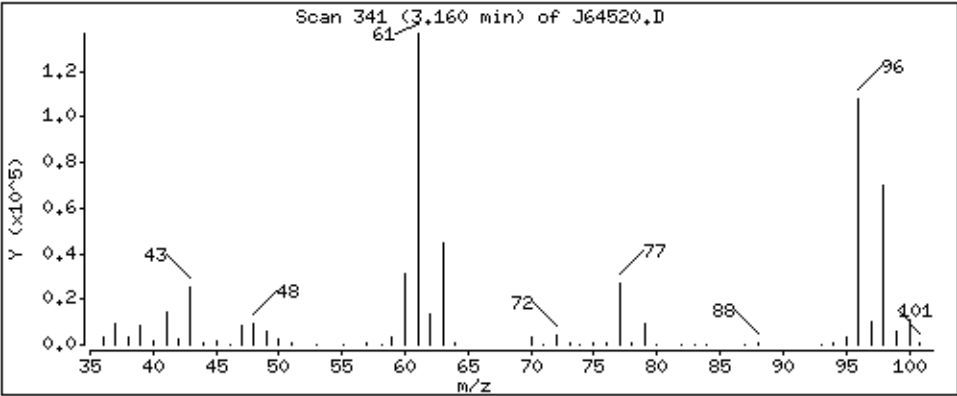
34 Ethyl-tert-butyl ether Concentration: 43.6 ug/L Review Code:



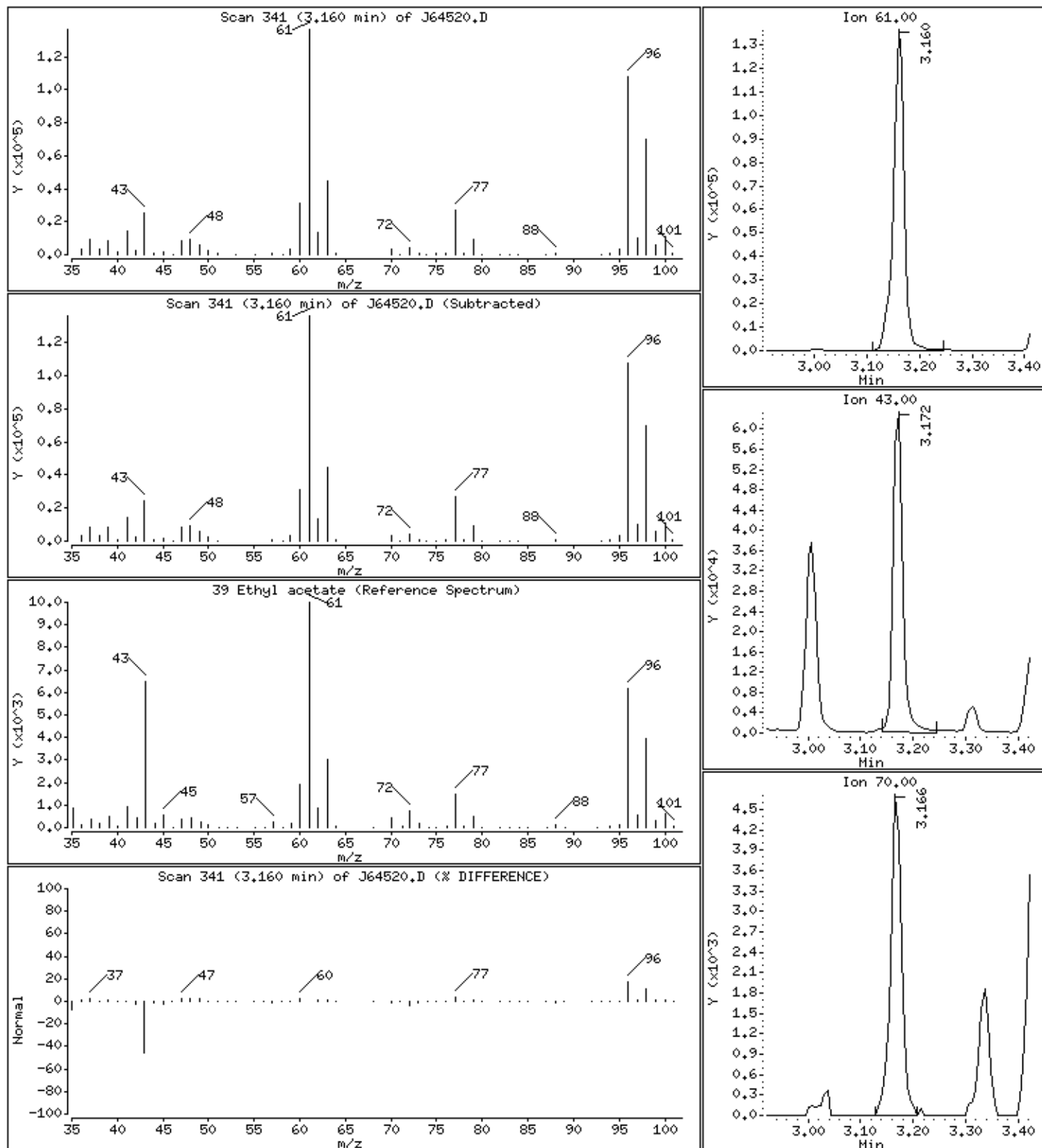
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
36 2,2-Dichloropropane
Concentration: 47.6 ug/L
Review Code:



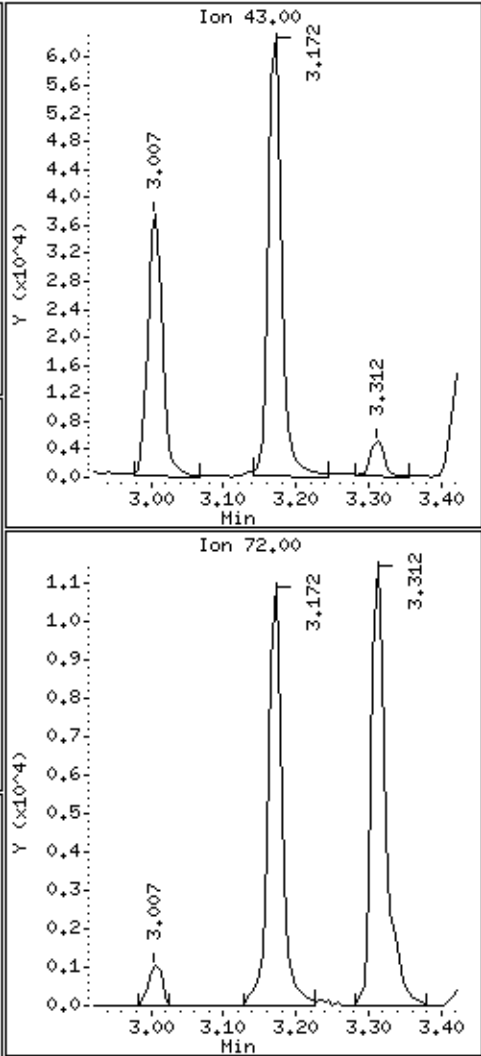
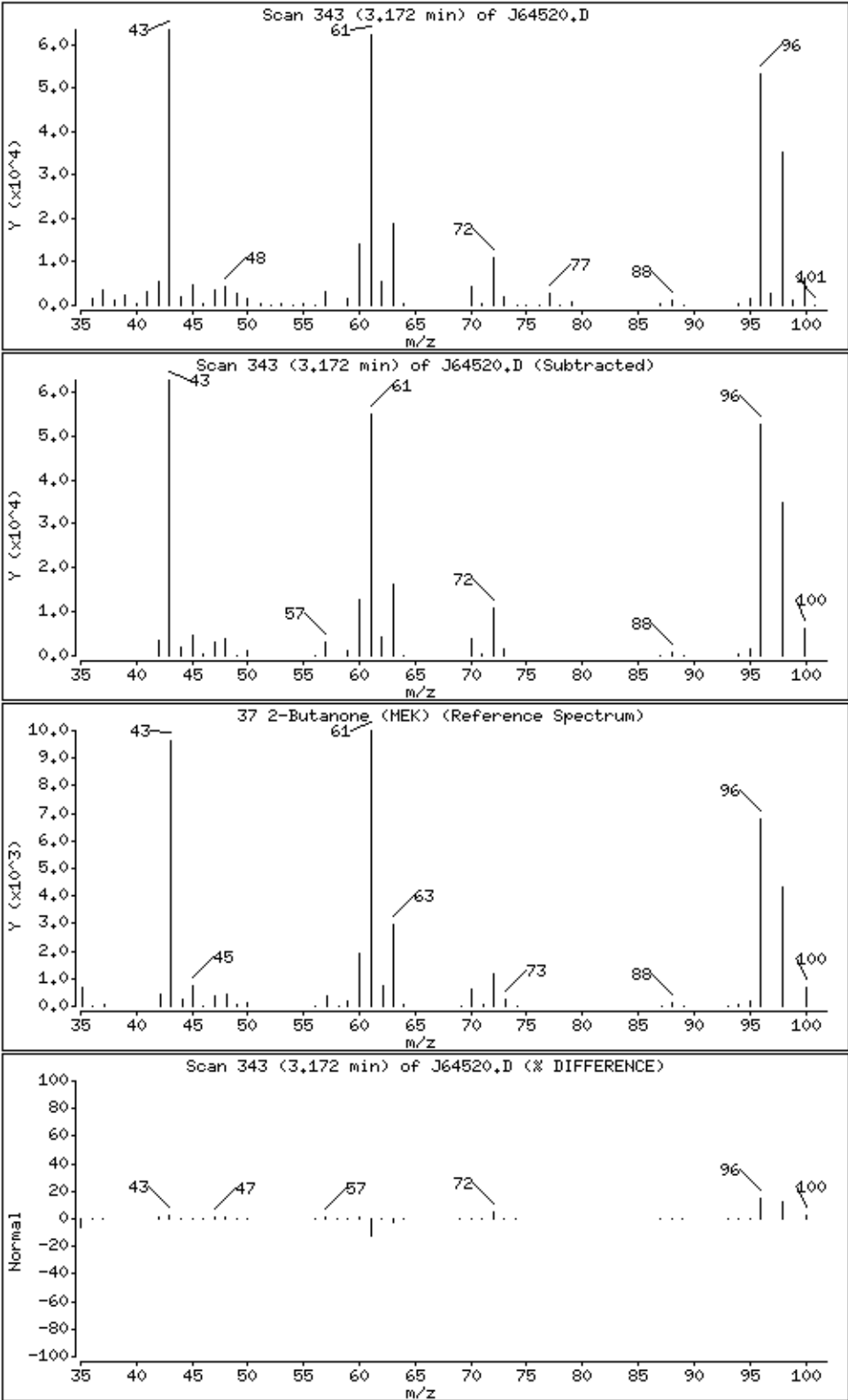
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
35 cis-1,2-Dichloroethene
Concentration: 49.3 ug/L
Review Code:



Review Code:

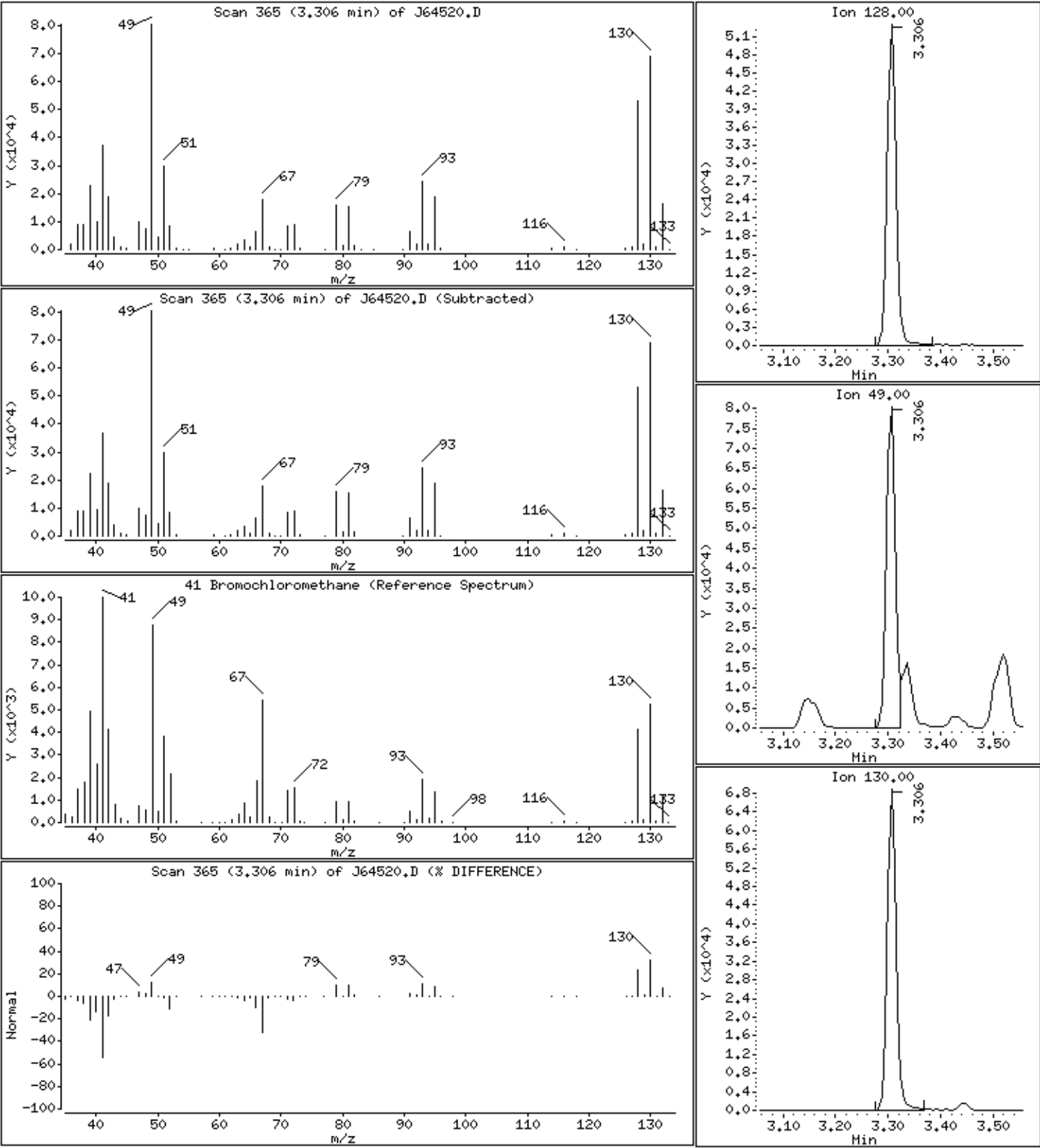


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 37.1 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

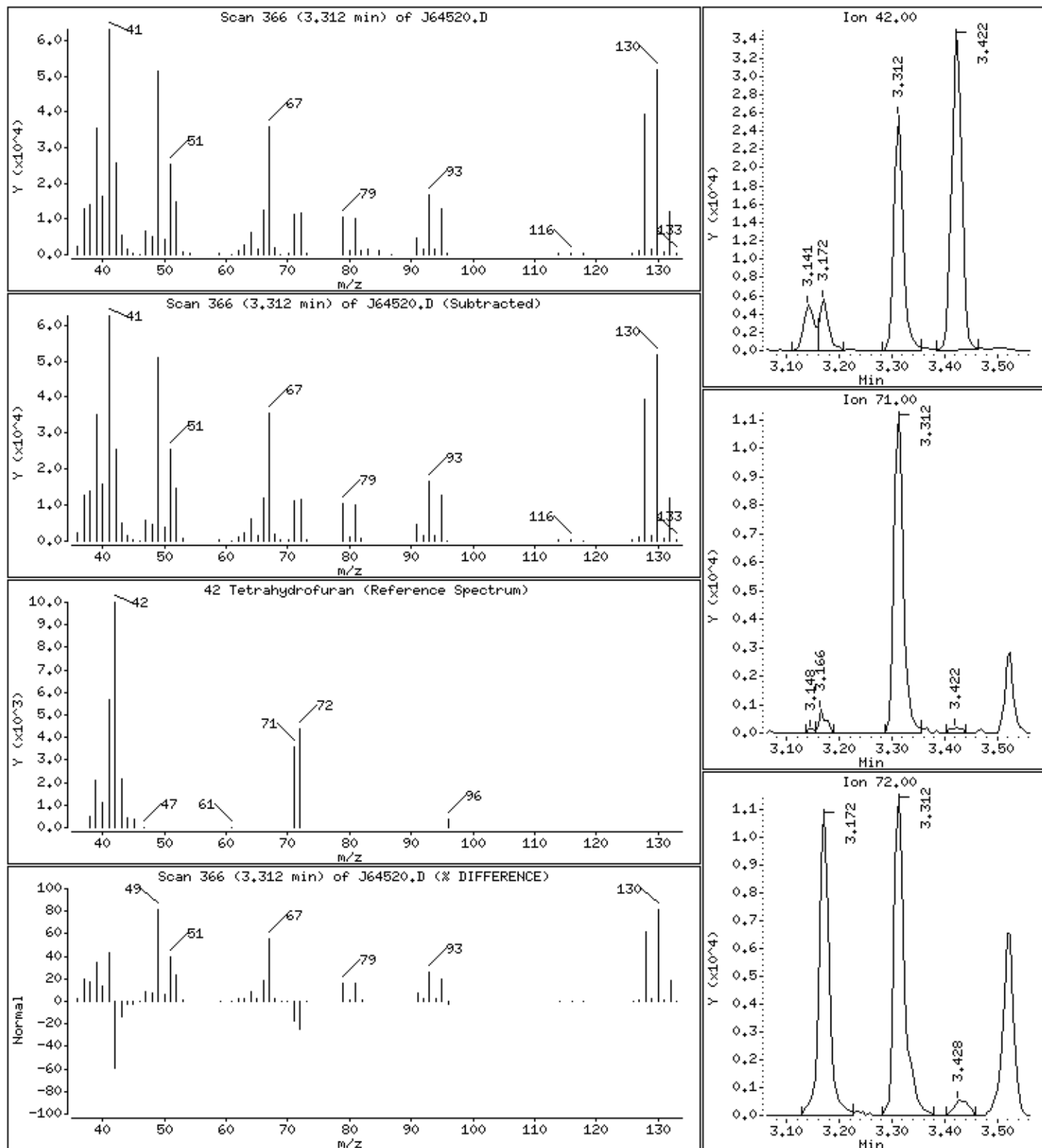


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

41 Bromochloromethane Concentration: 54.0 ug/L Review Code:

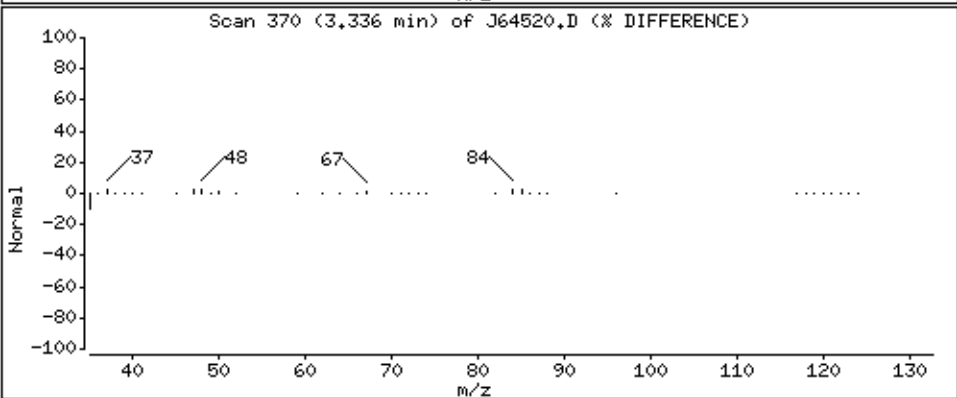
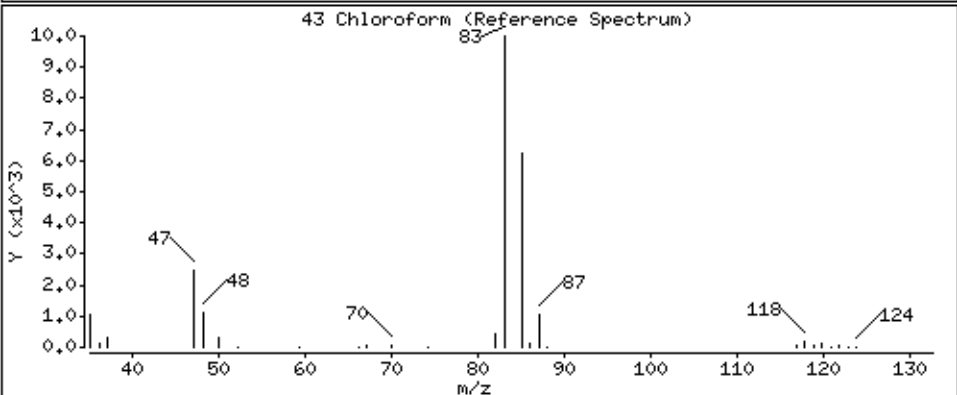
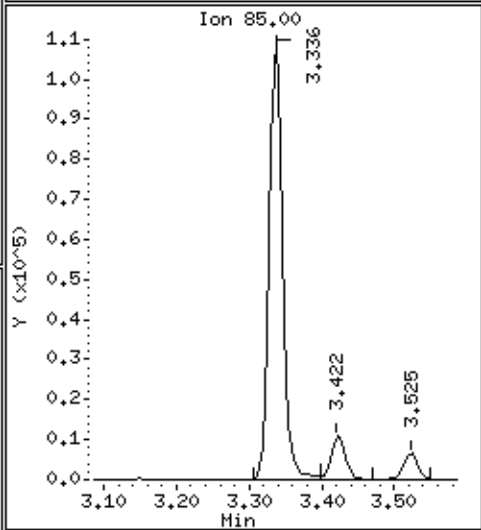
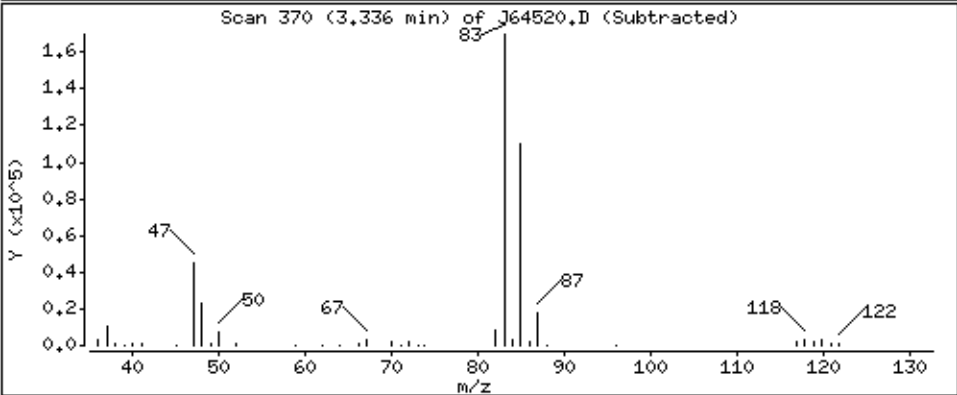
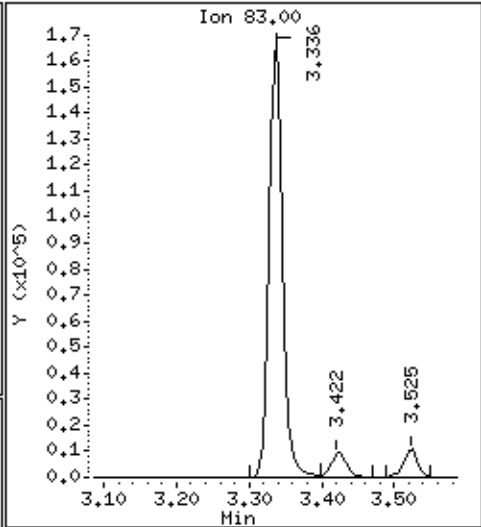
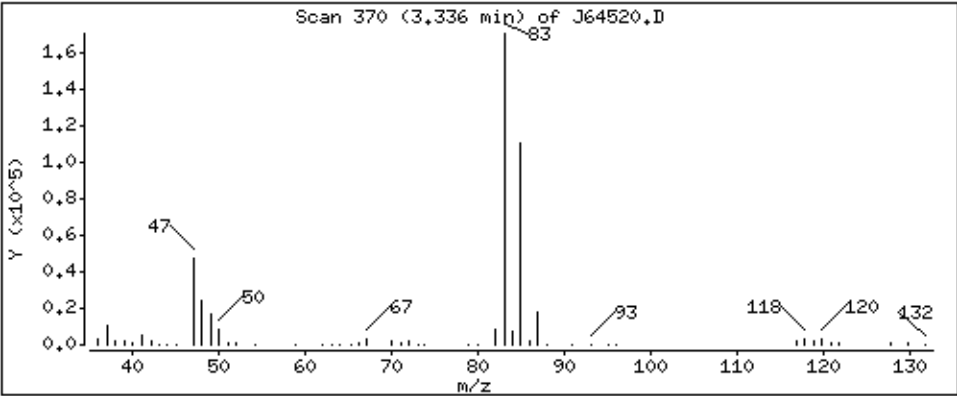


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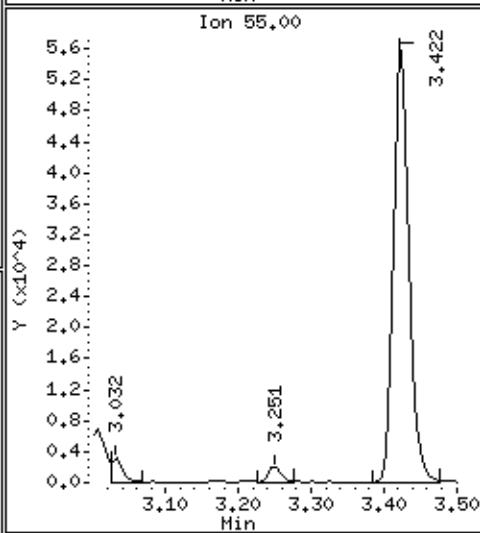
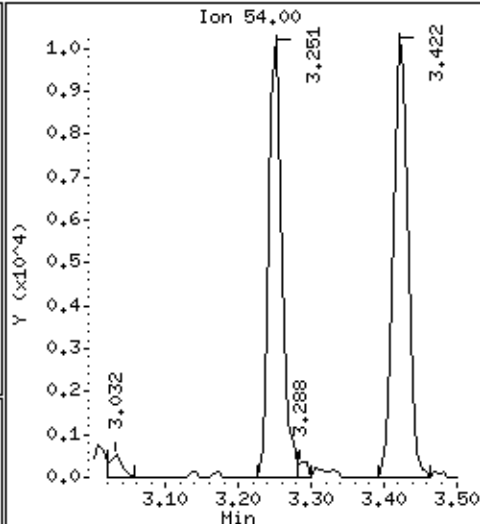
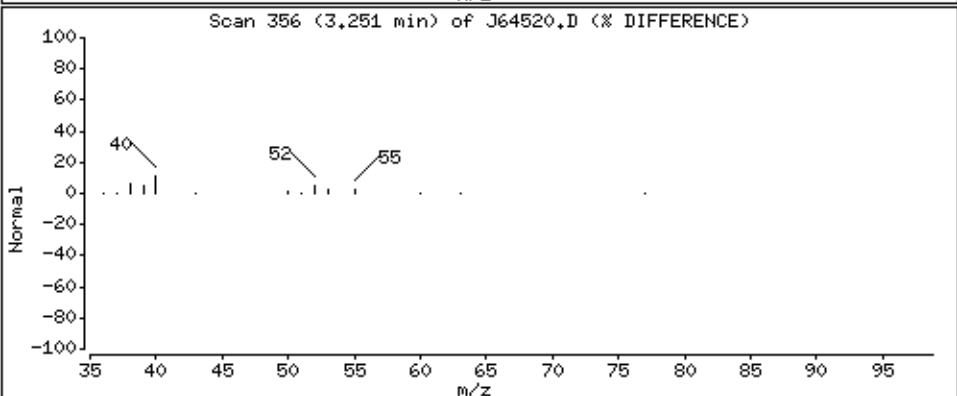
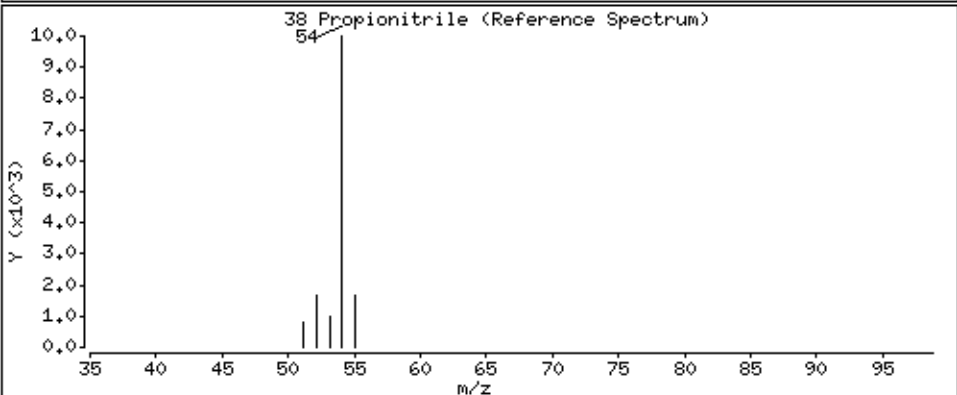
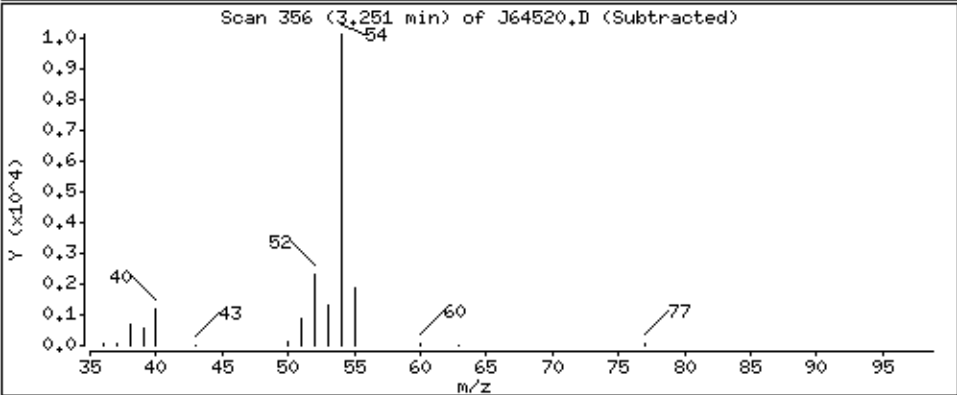
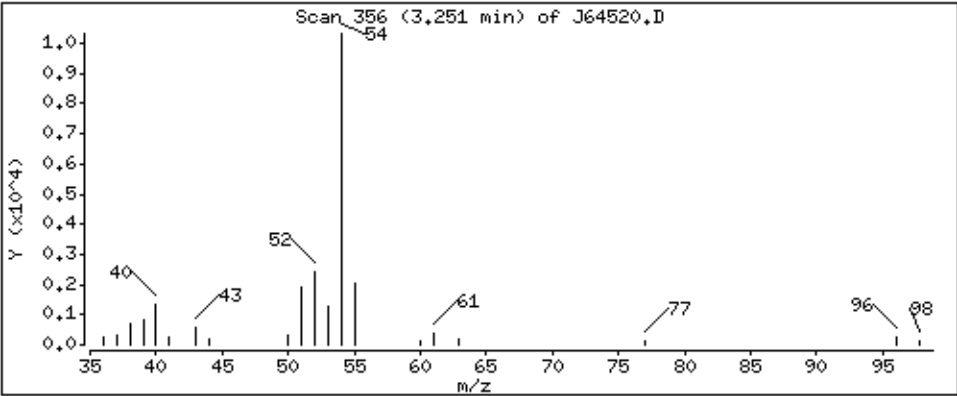
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

43 Chloroform Concentration: 48.9 ug/L Review Code:



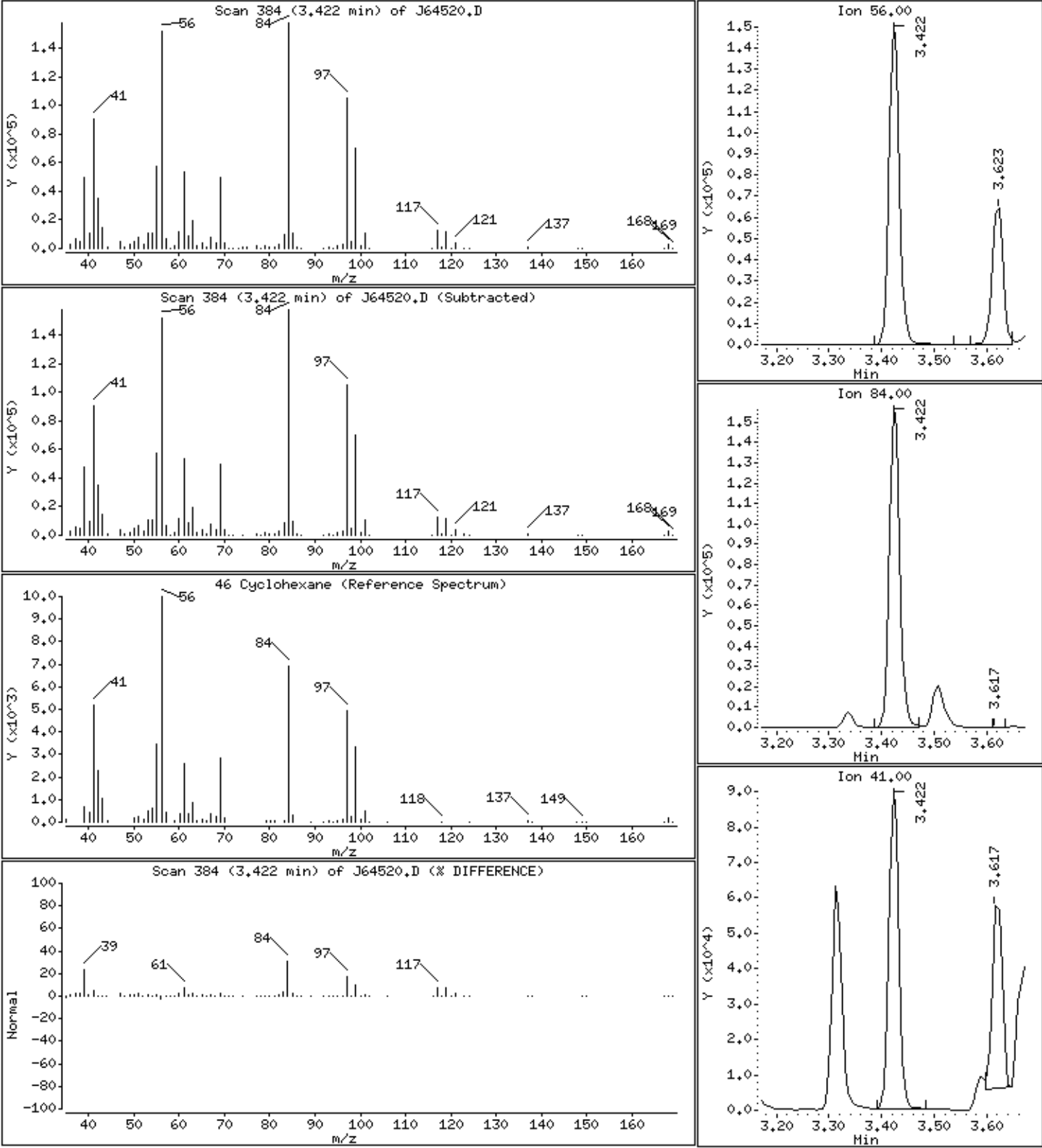
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

38 Propionitrile
Concentration: 39,4 ug/L
Review Code:

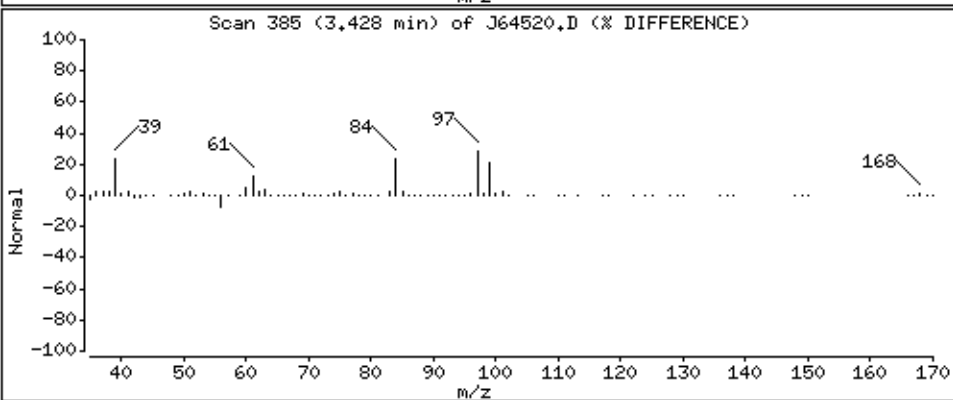
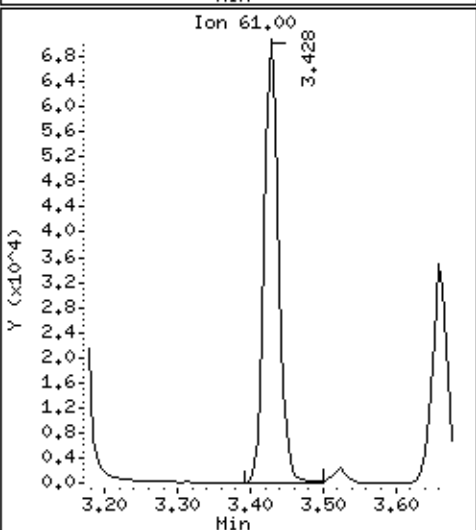
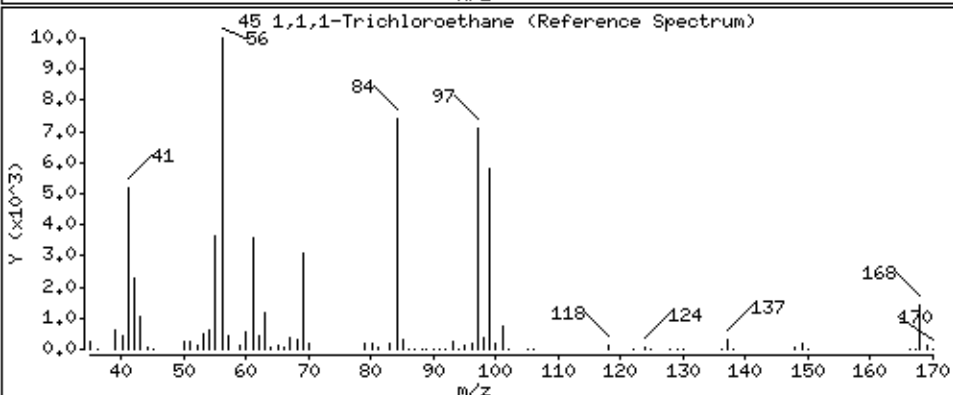
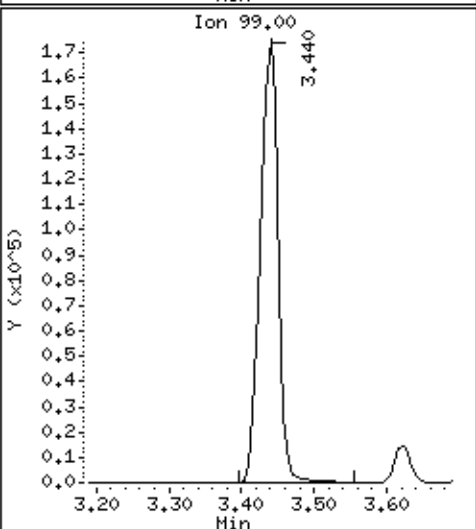
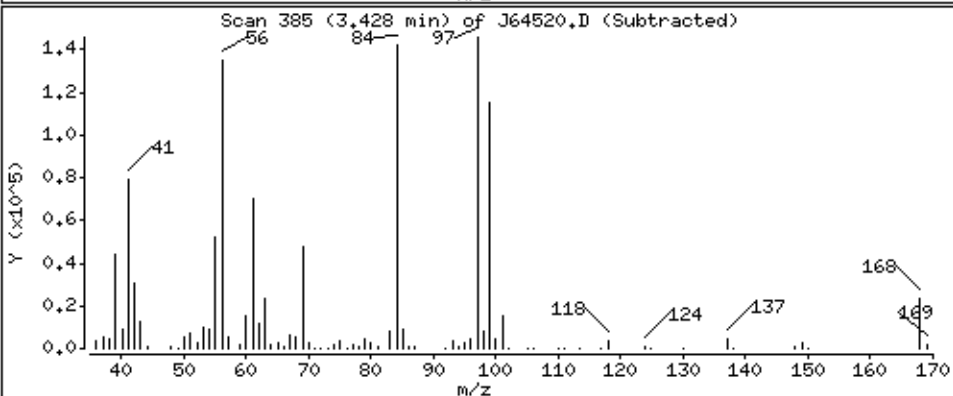
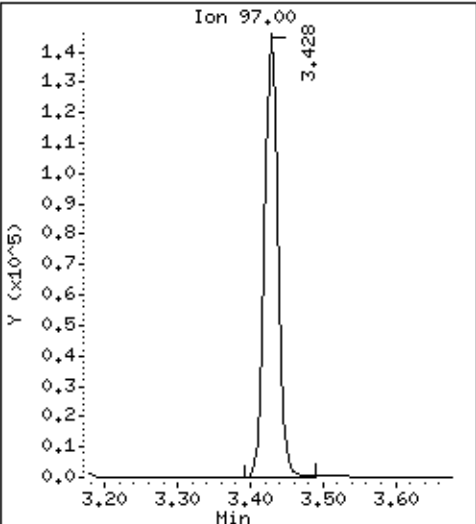
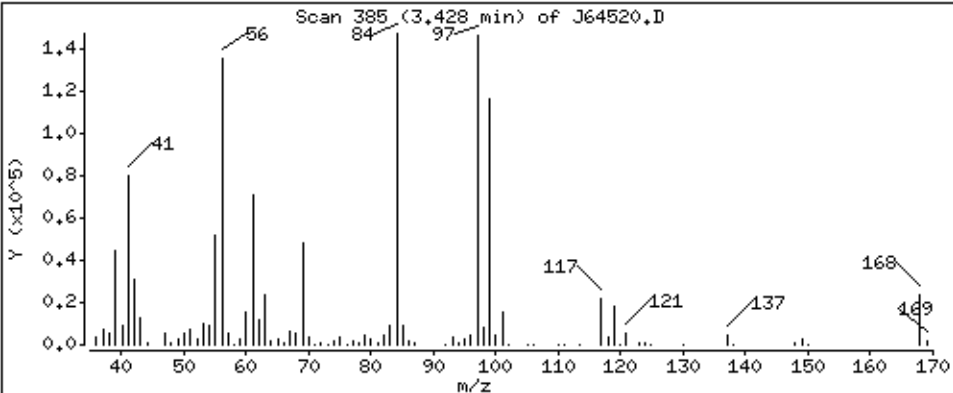


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

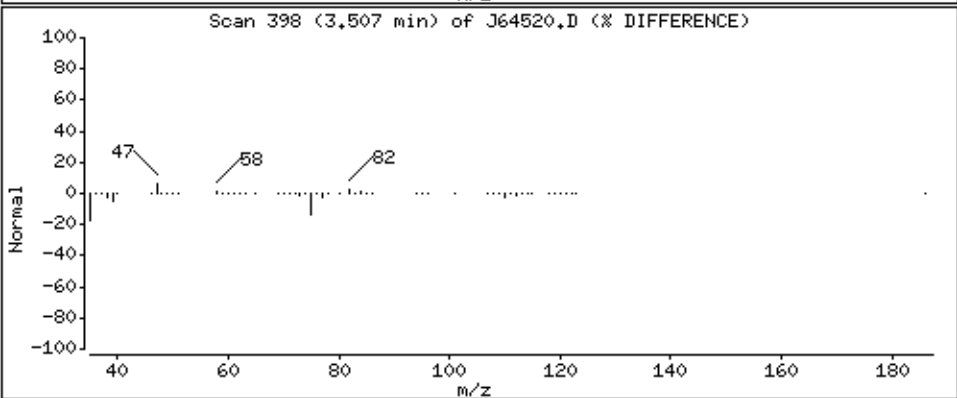
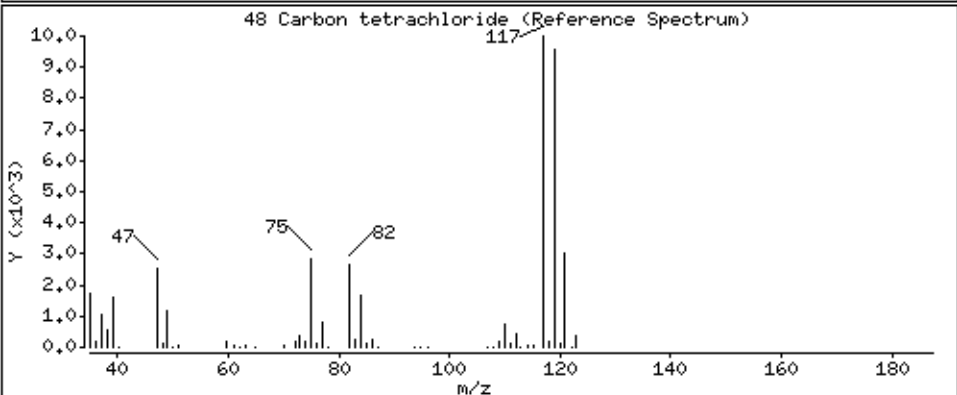
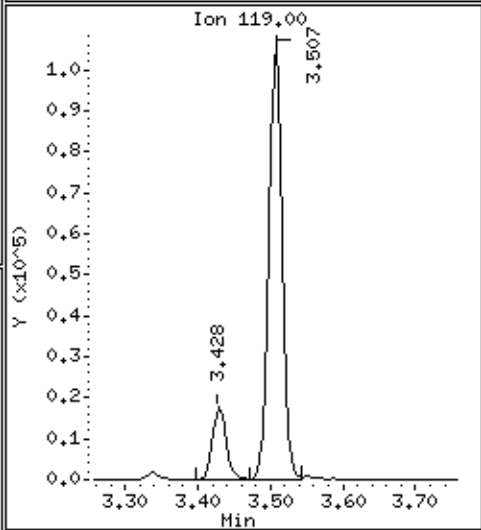
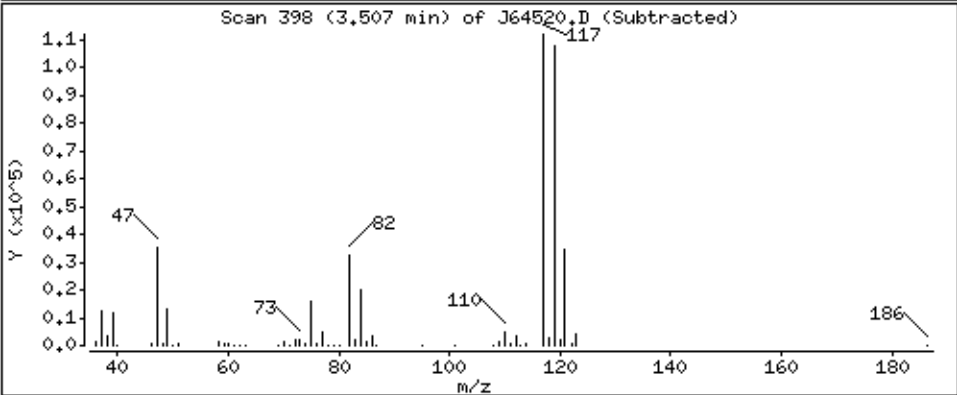
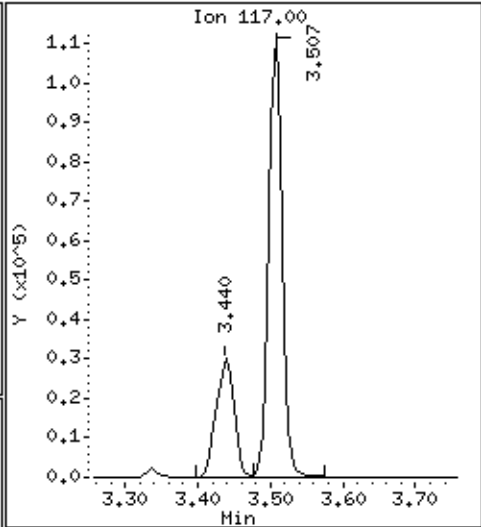
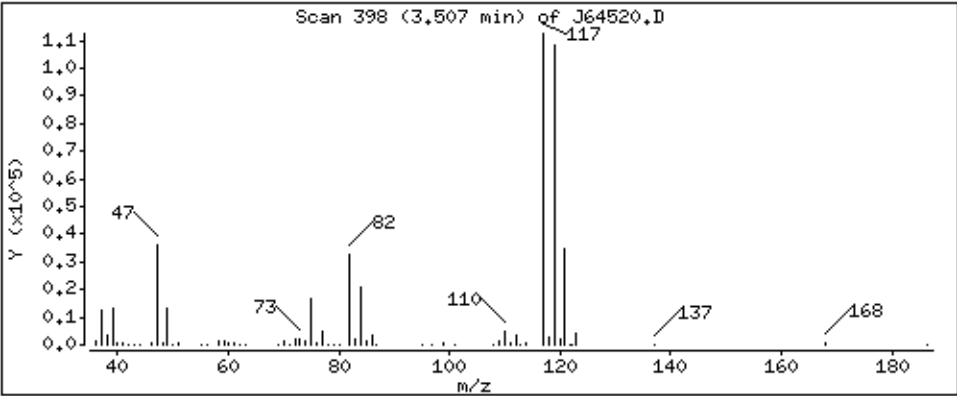
46 Cyclohexane
Concentration: 37.9 ug/L
Review Code:



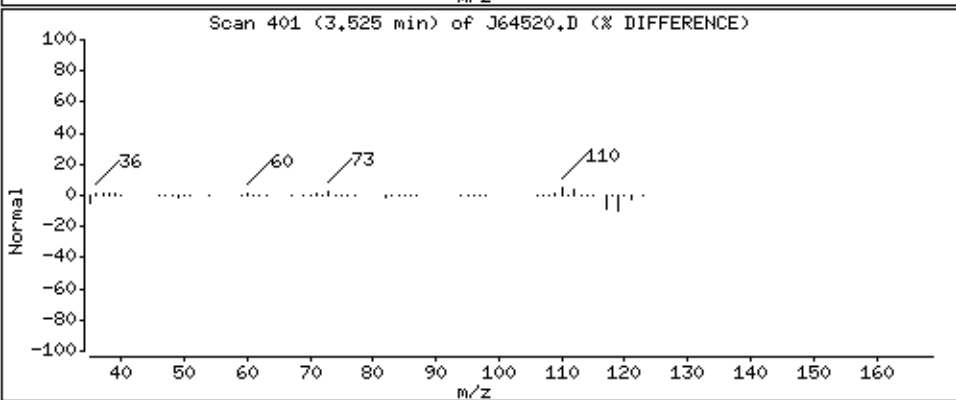
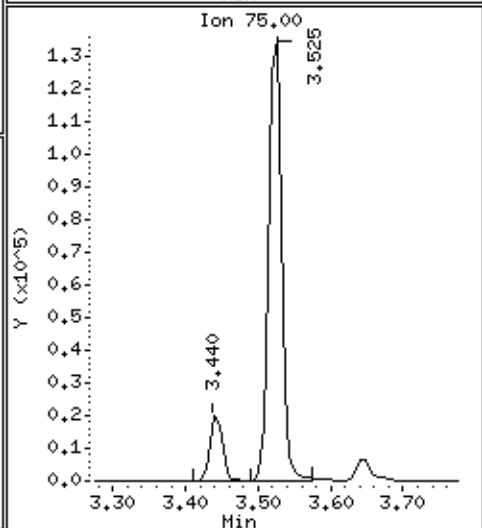
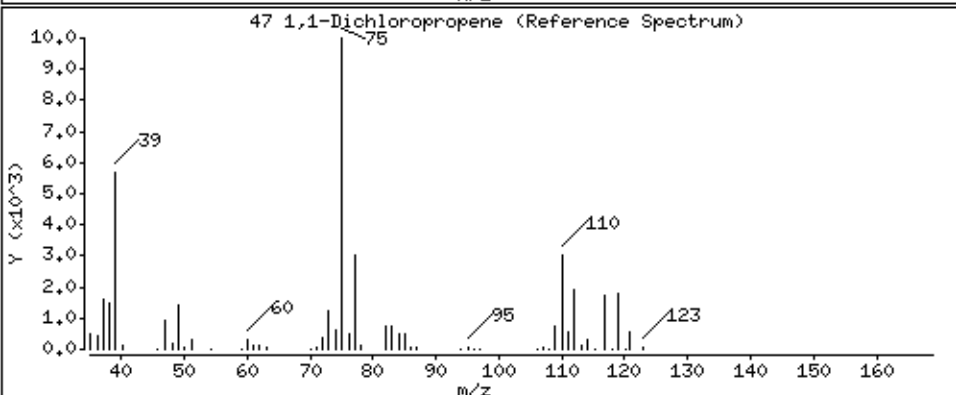
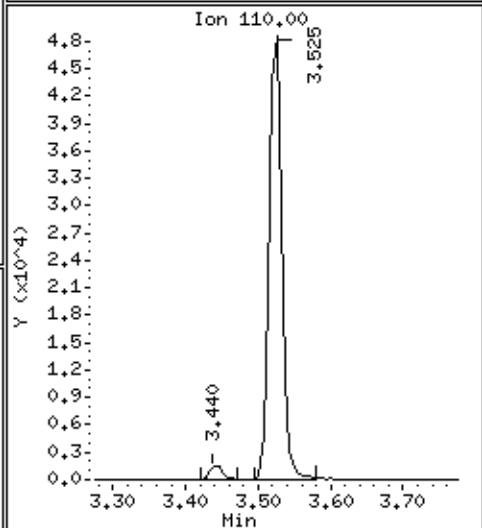
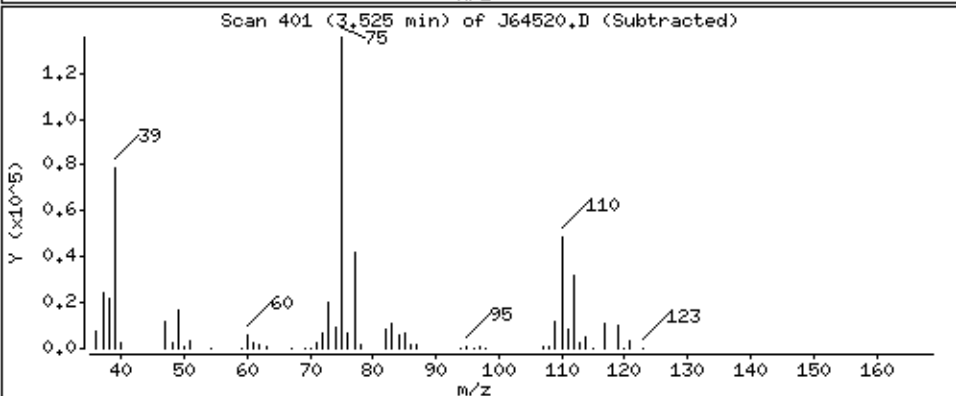
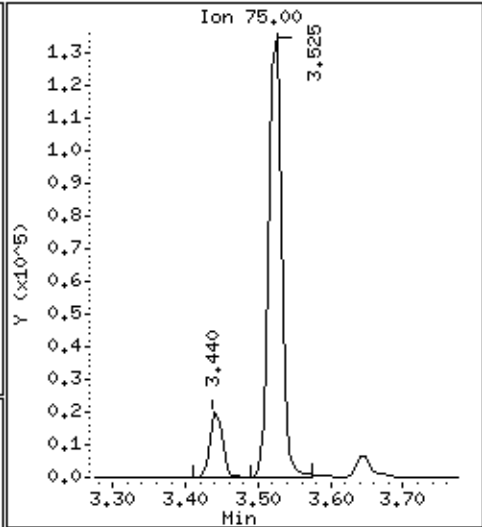
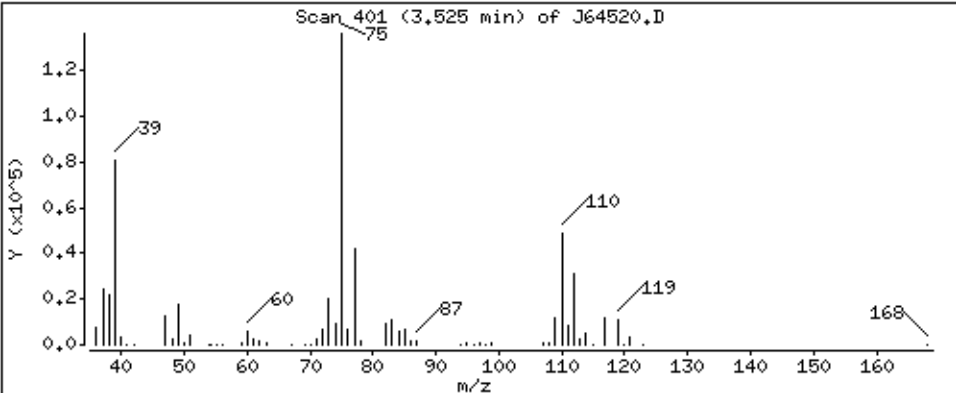
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
45 1,1,1-Trichloroethane
Concentration: 46.4 ug/L
Review Code:



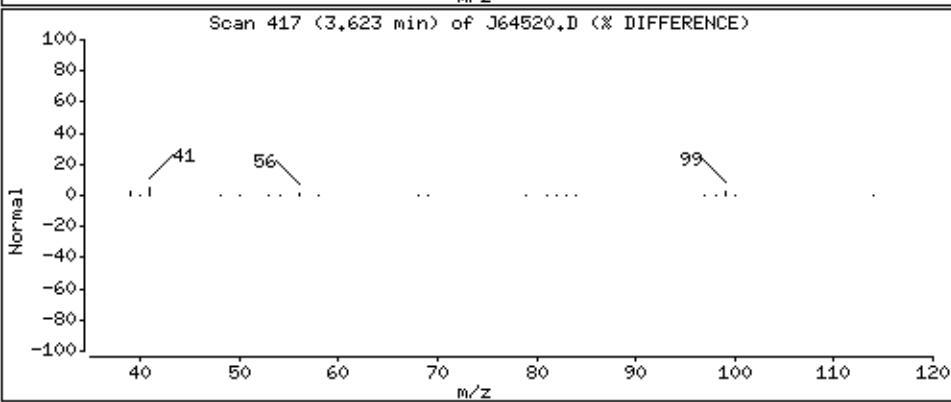
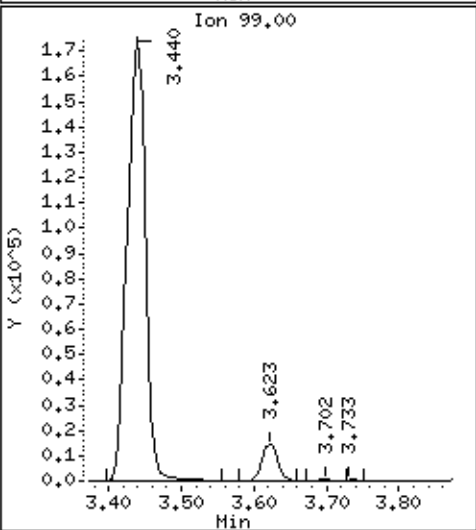
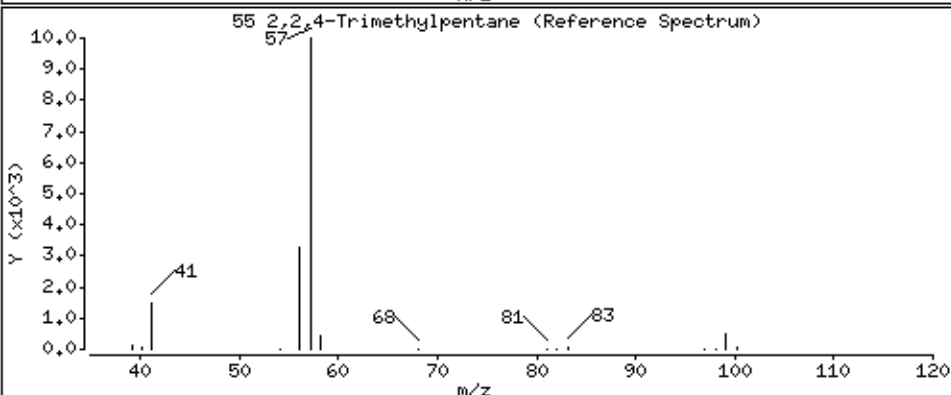
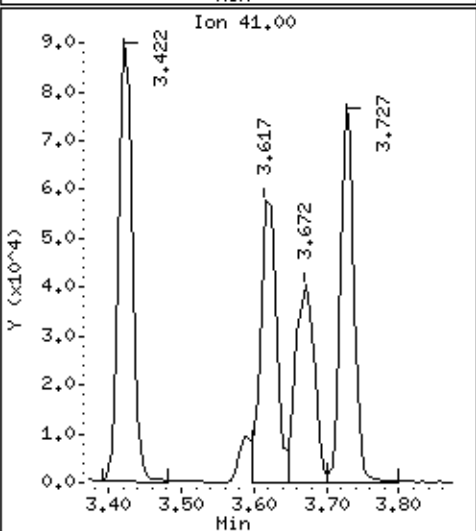
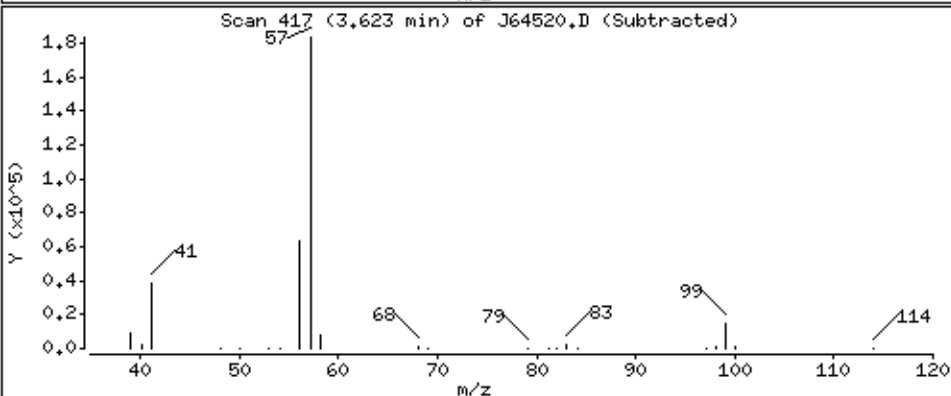
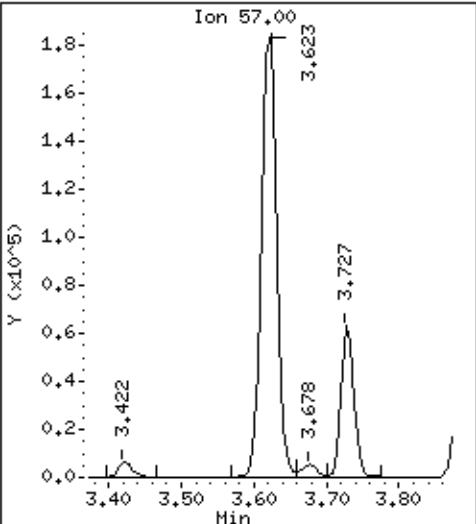
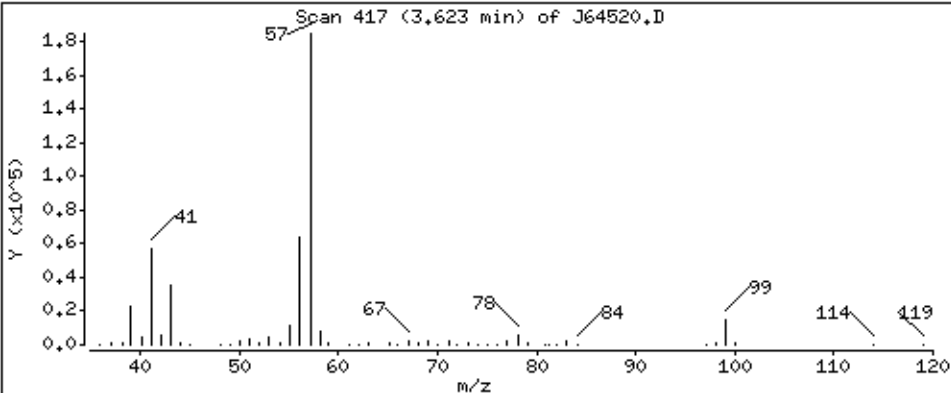
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
48 Carbon tetrachloride
Concentration: 44.7 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
47 1,1-Dichloropropene
Concentration: 44.6 ug/L
Review Code:

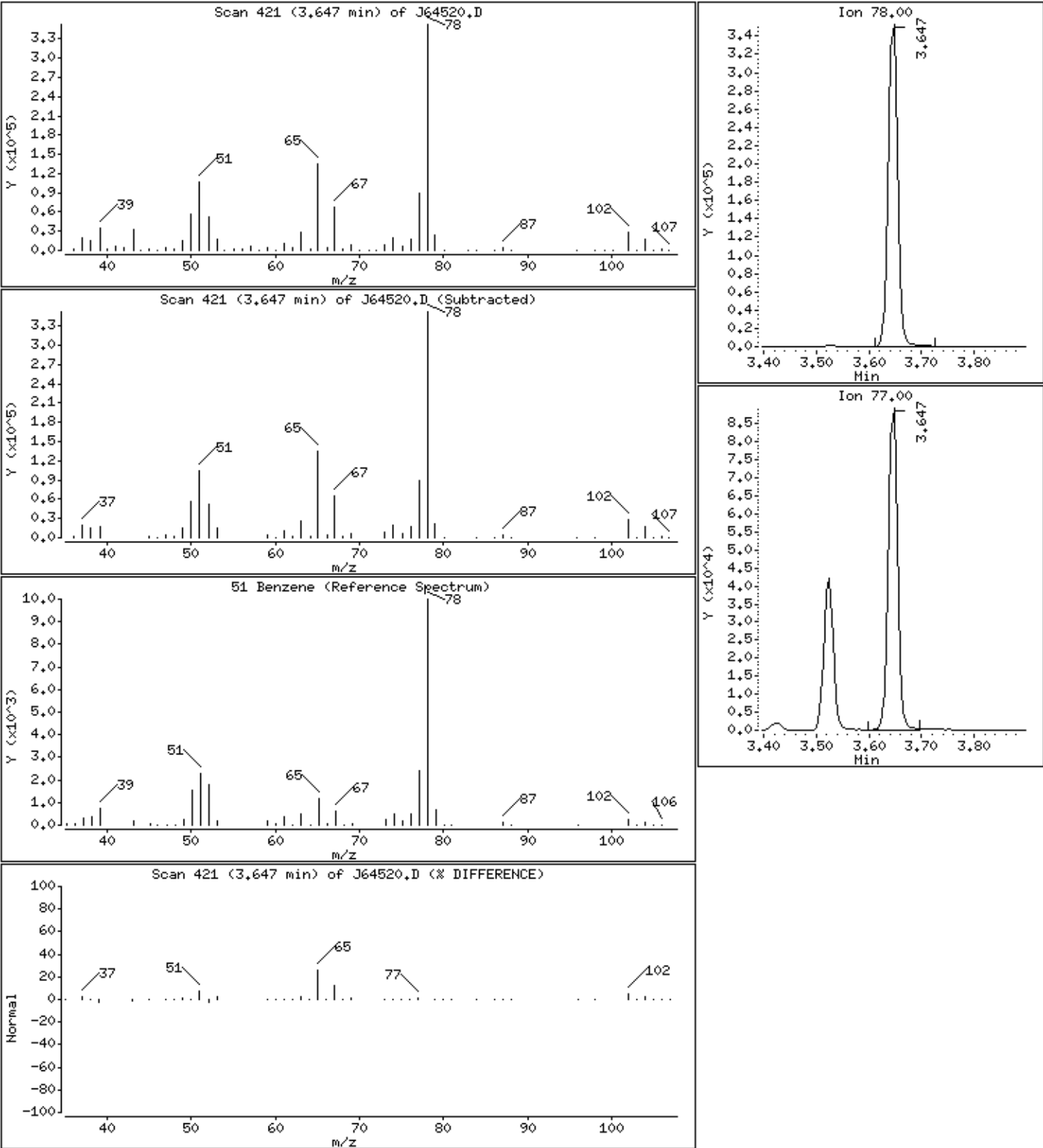


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
55 2,2,4-Trimethylpentane
Concentration: 36.7 ug/L
Review Code:

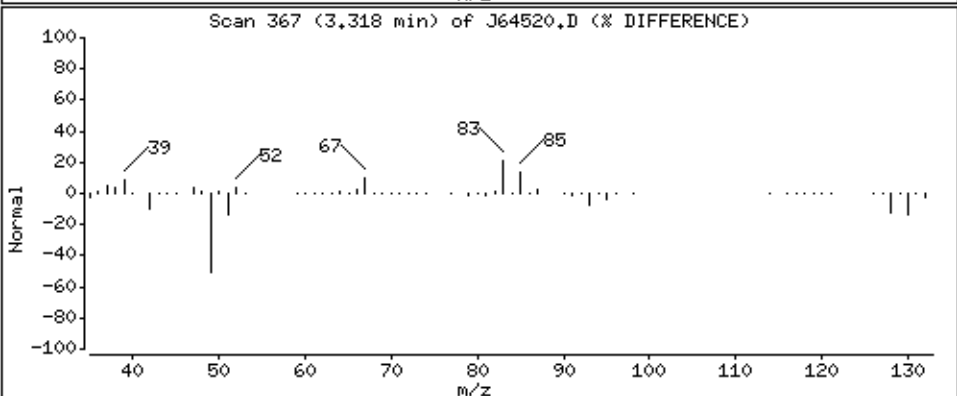
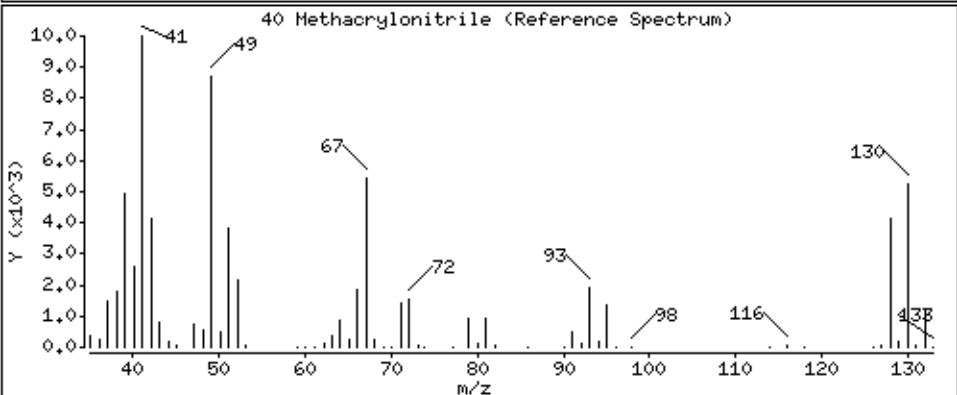
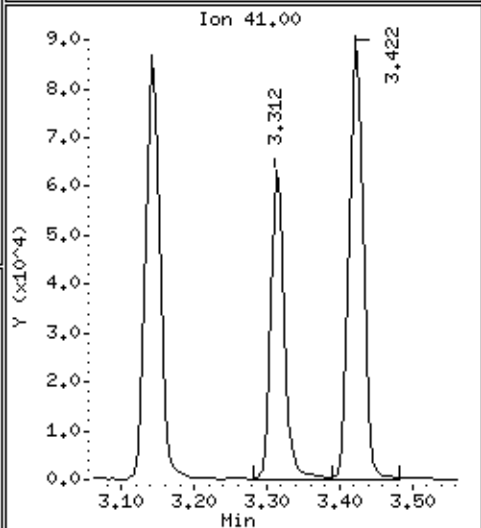
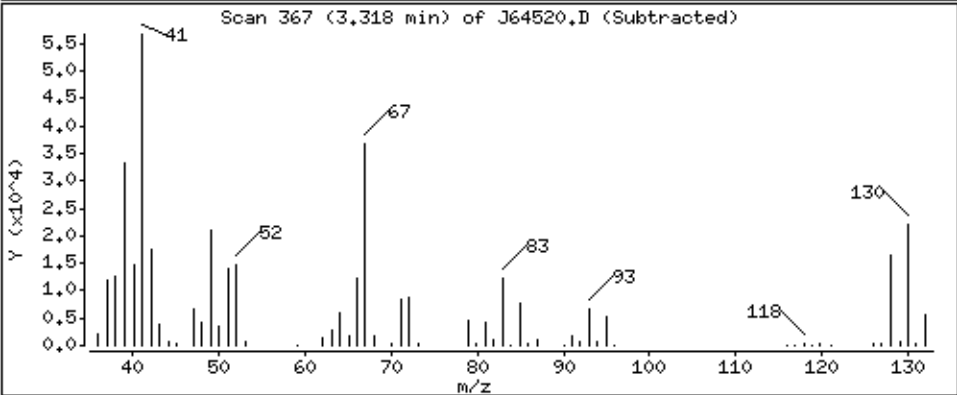
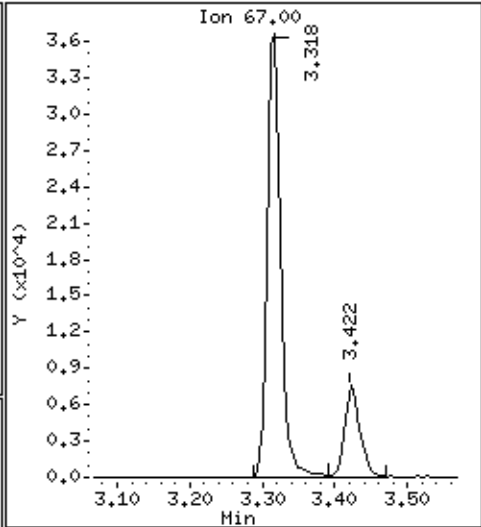
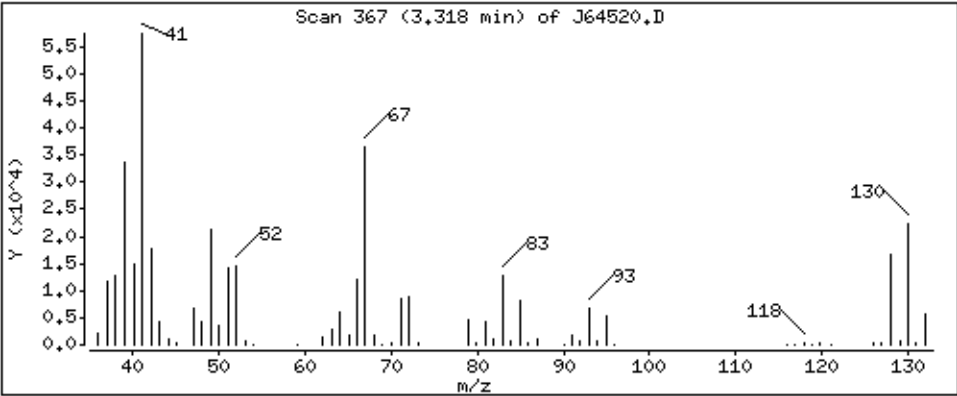


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

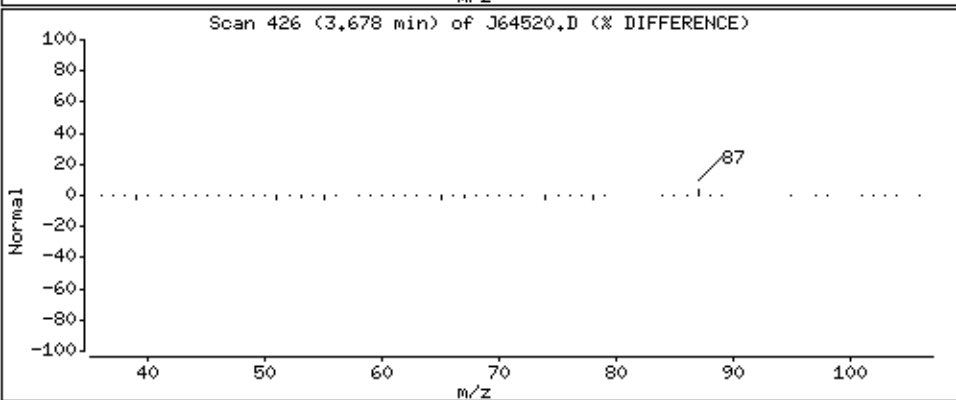
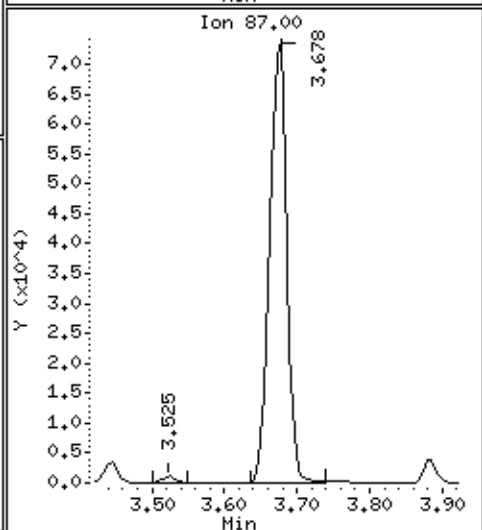
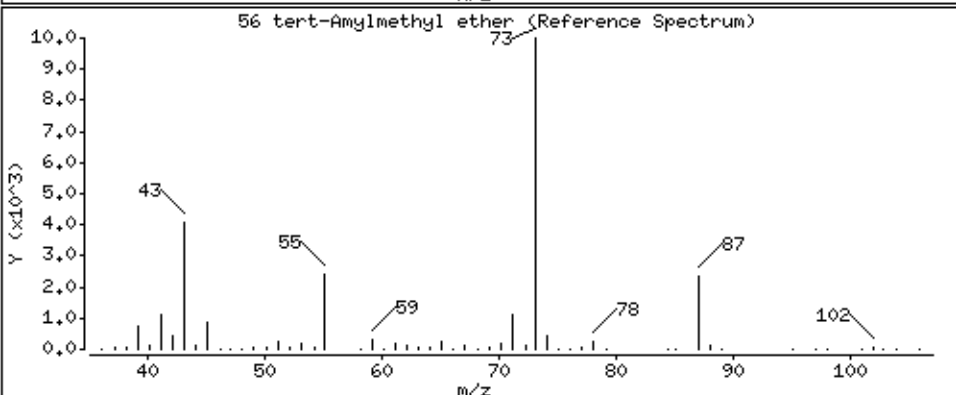
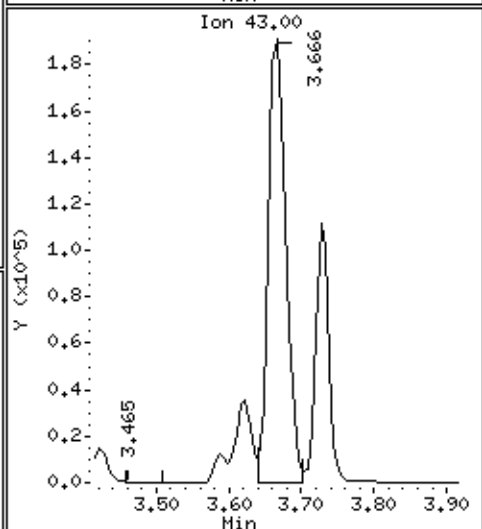
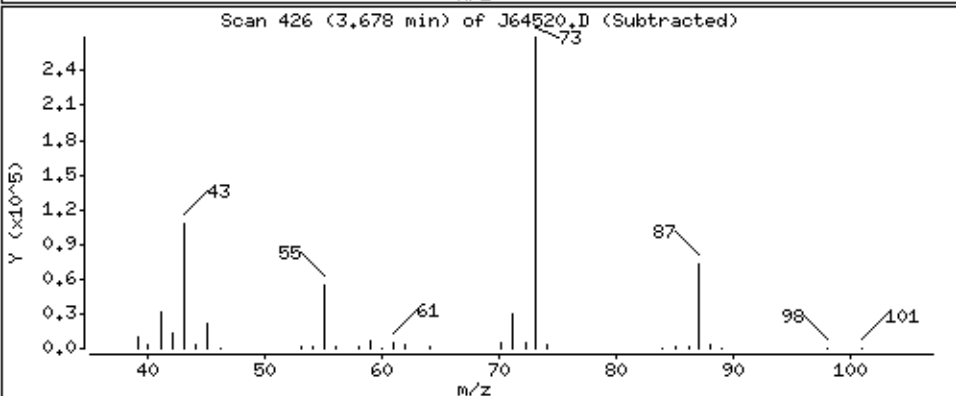
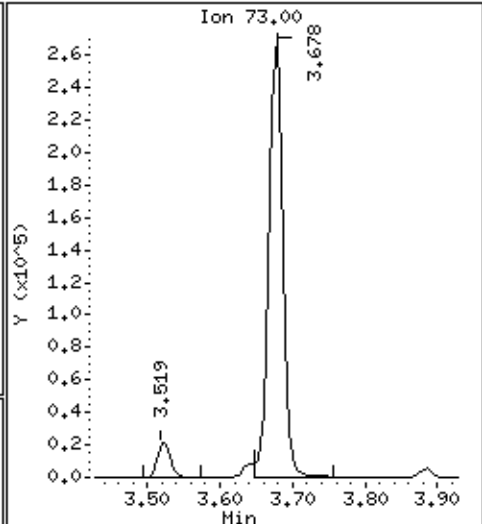
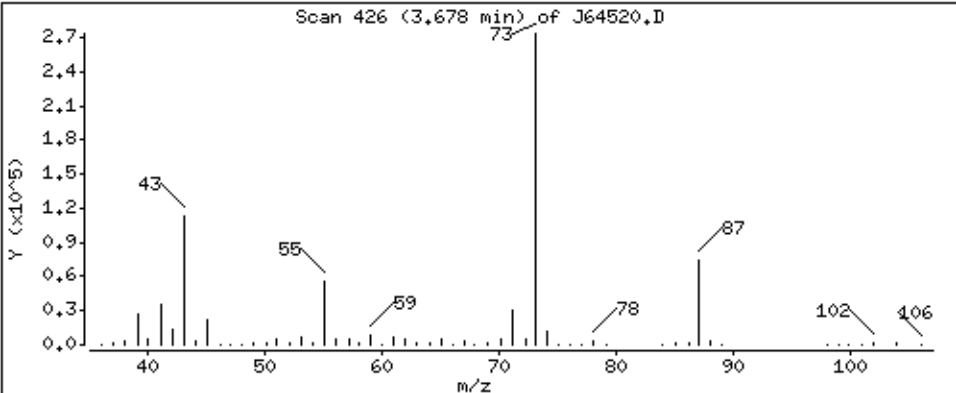
51 Benzene Concentration: 43,3 ug/L Review Code:



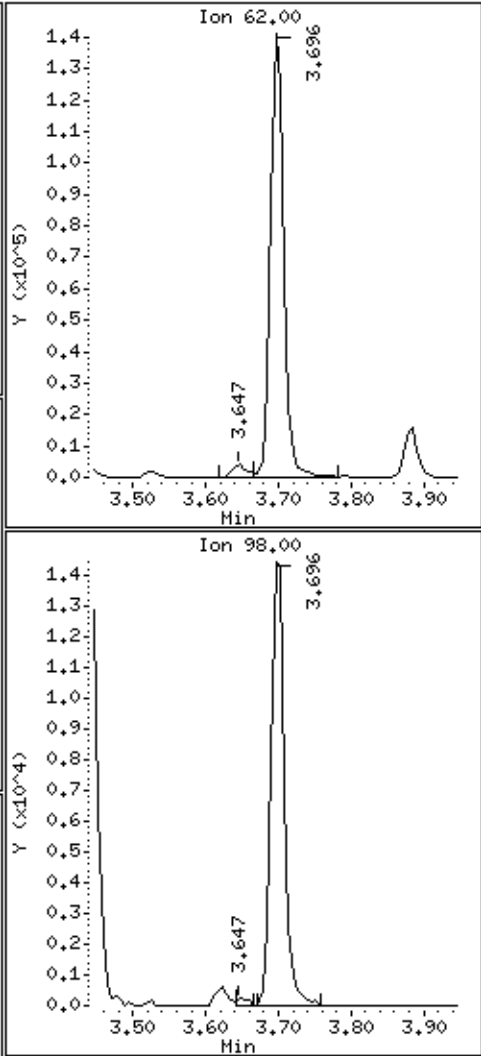
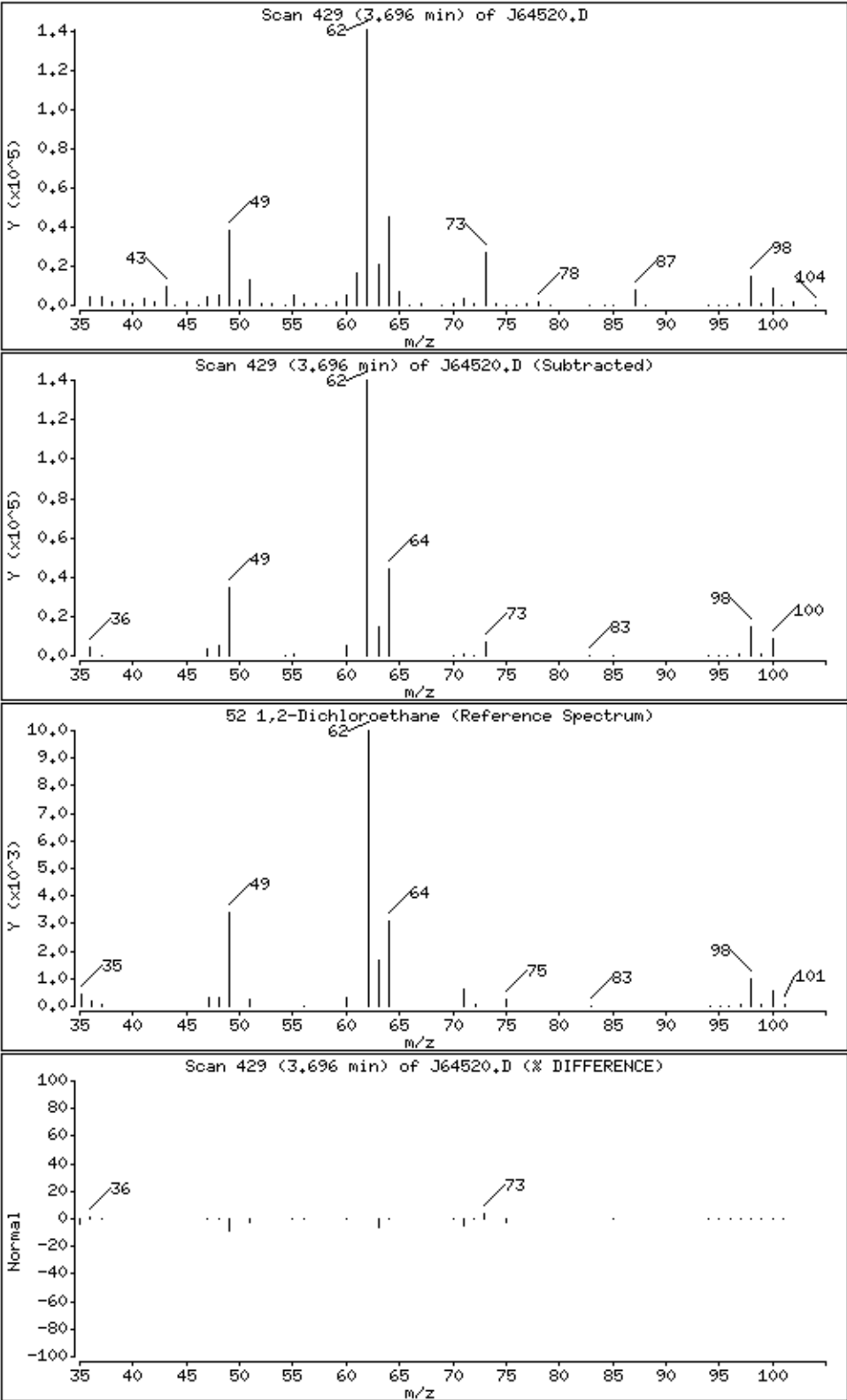
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
40 Methacrylonitrile
Concentration: 46.2 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
56 tert-Amylmethyl ether
Concentration: 46.4 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

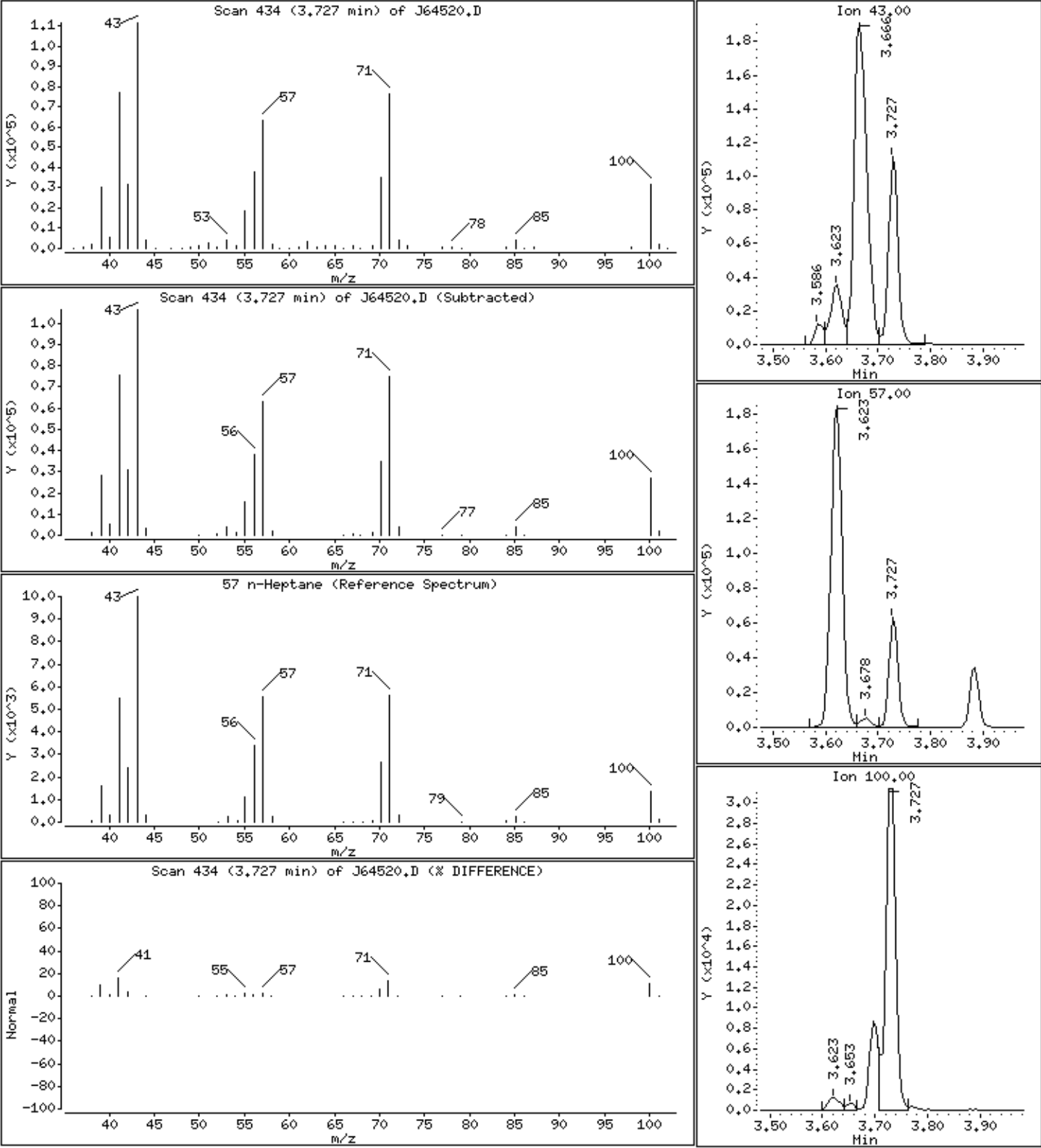


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
52 1,2-Dichloroethane
Concentration: 49.4 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

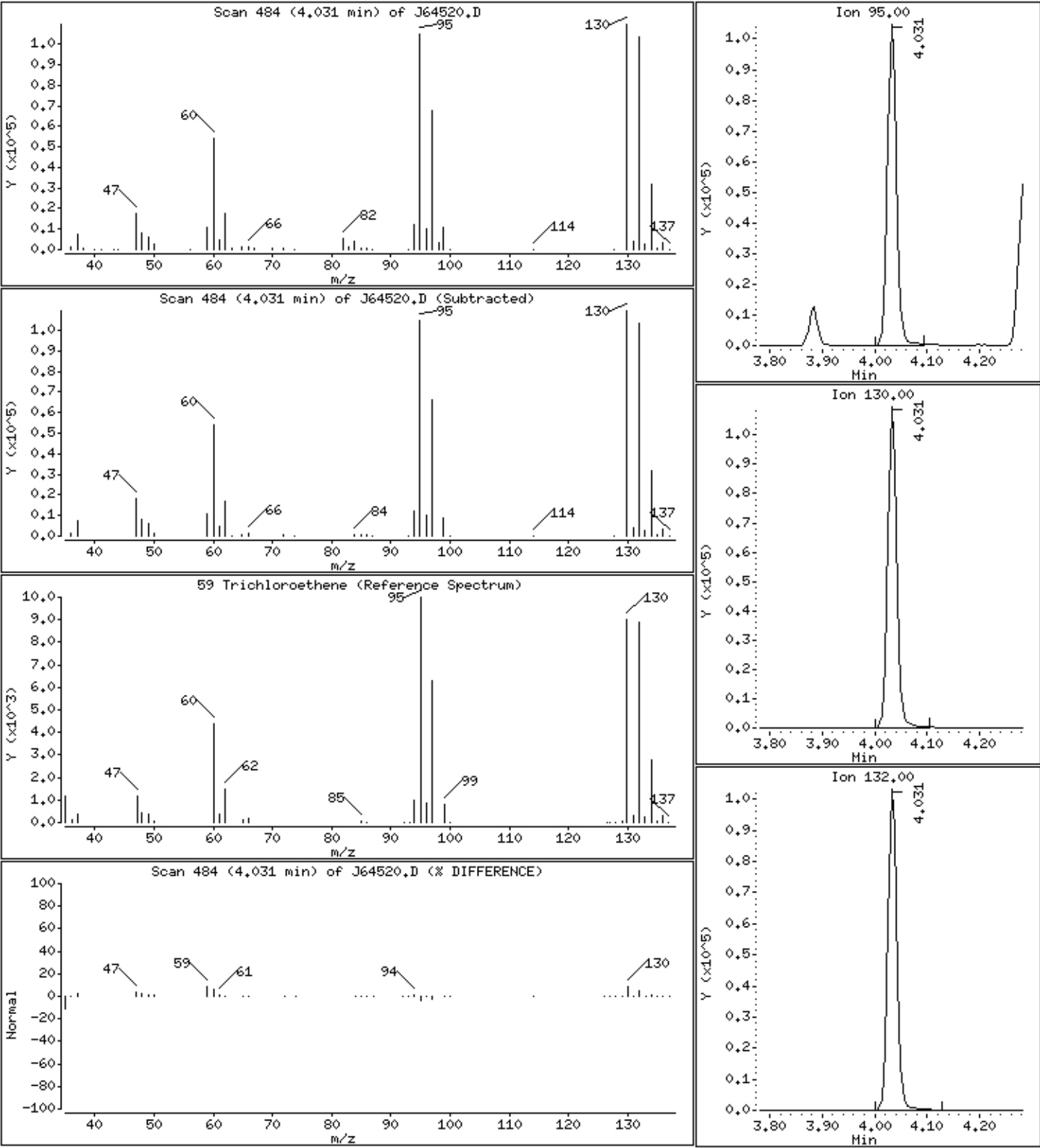
57 n-Heptane
Concentration: 35,4 ug/L
Review Code:



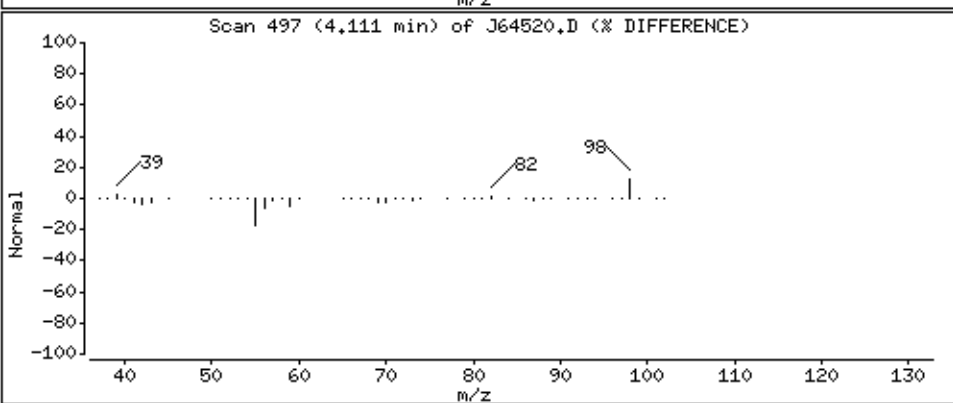
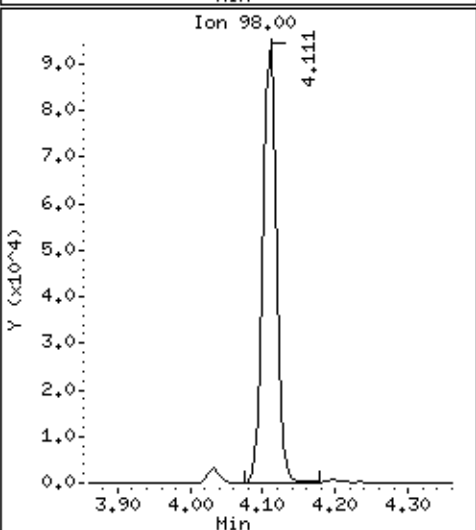
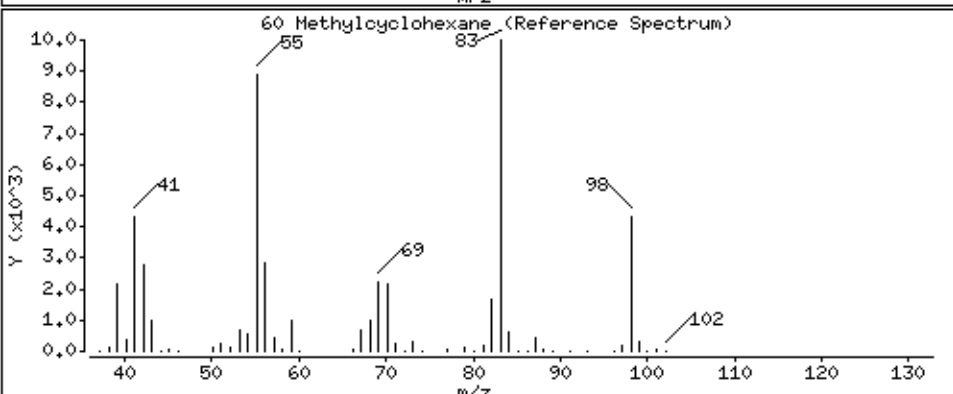
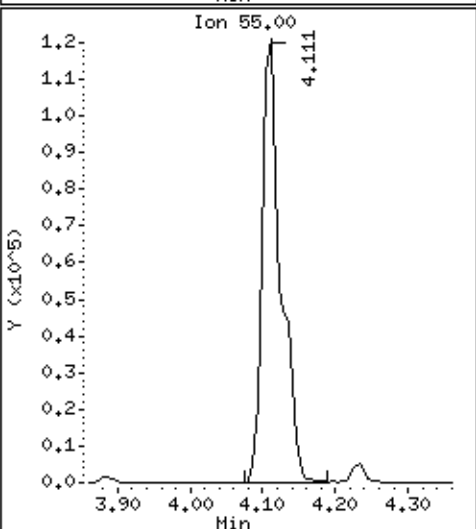
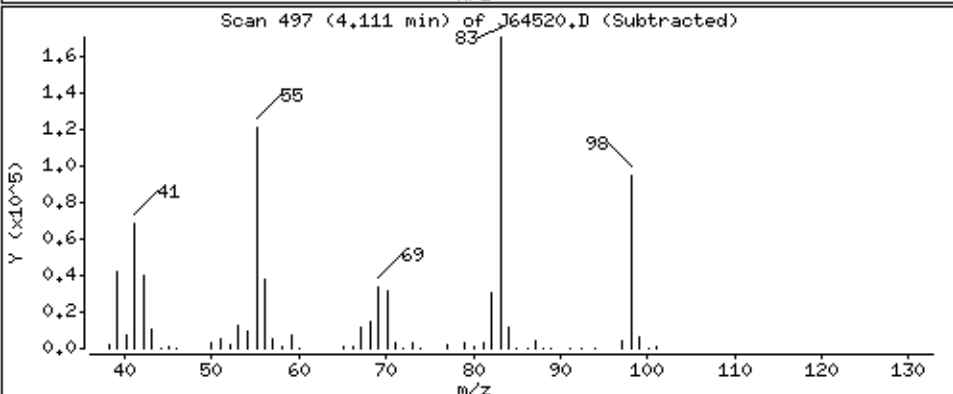
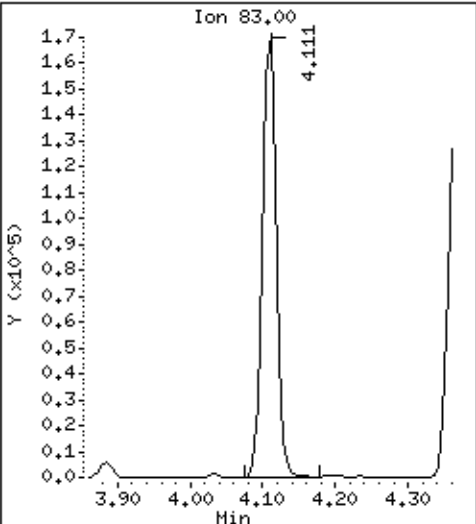
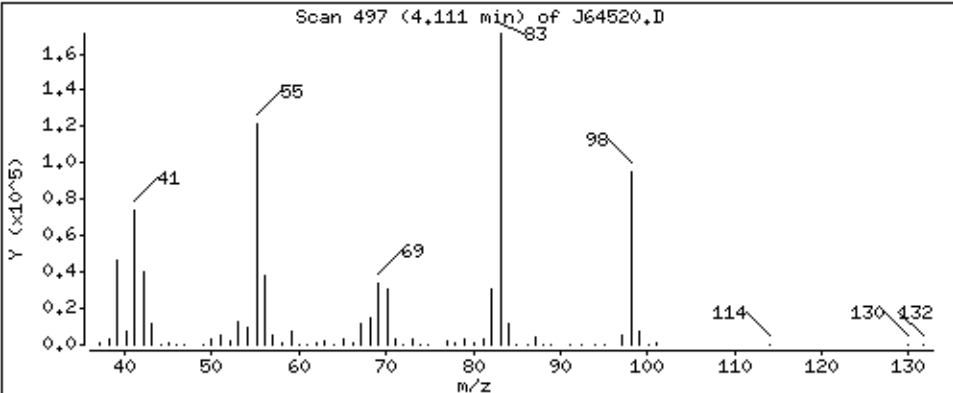
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

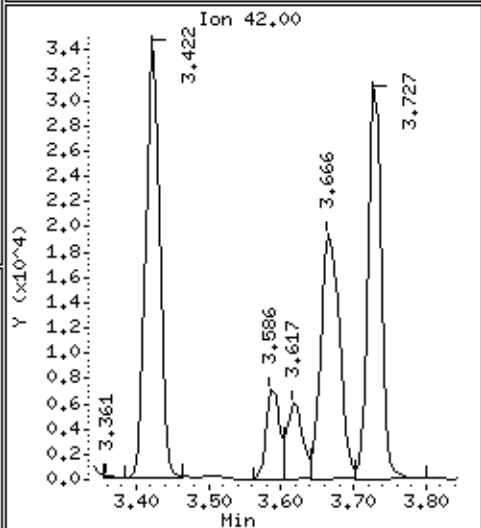
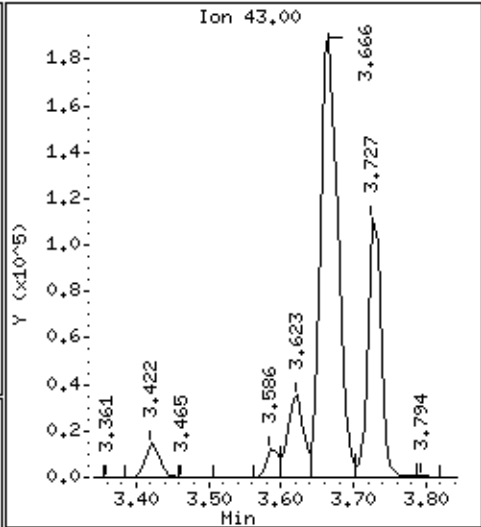
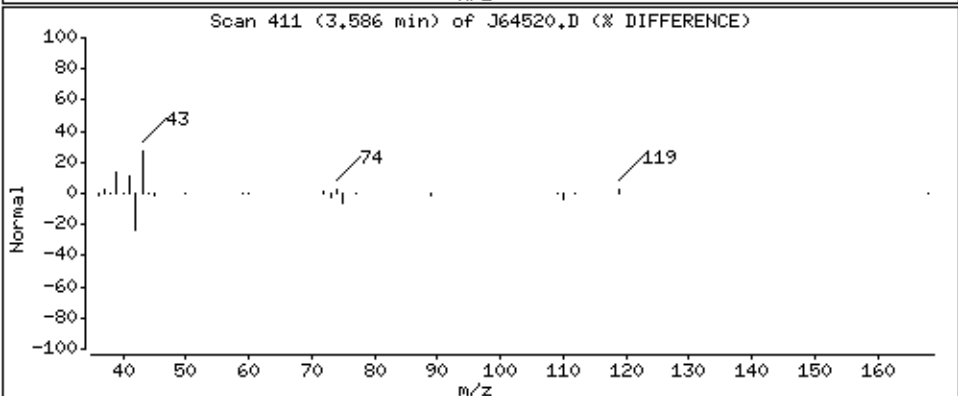
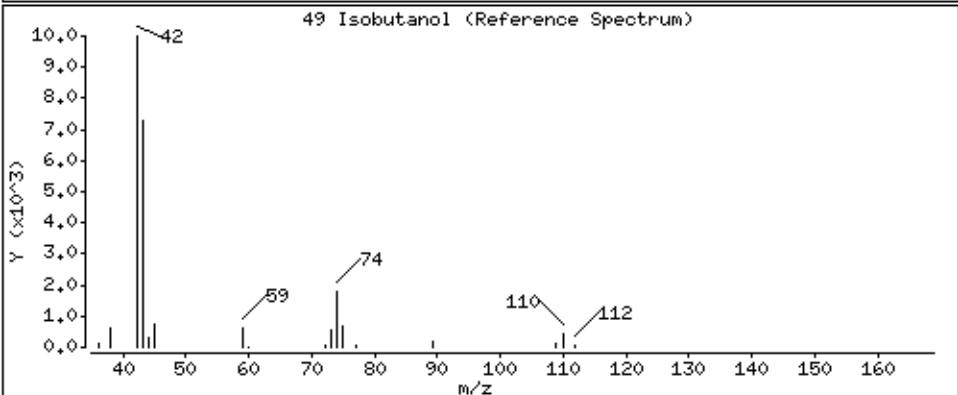
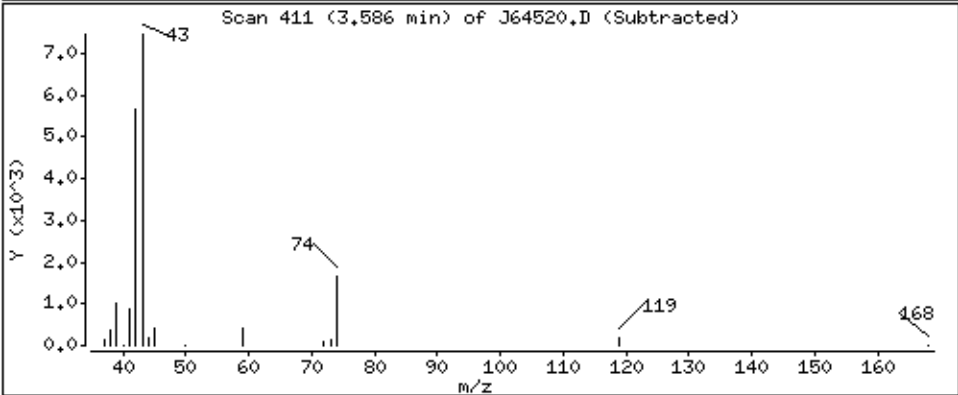
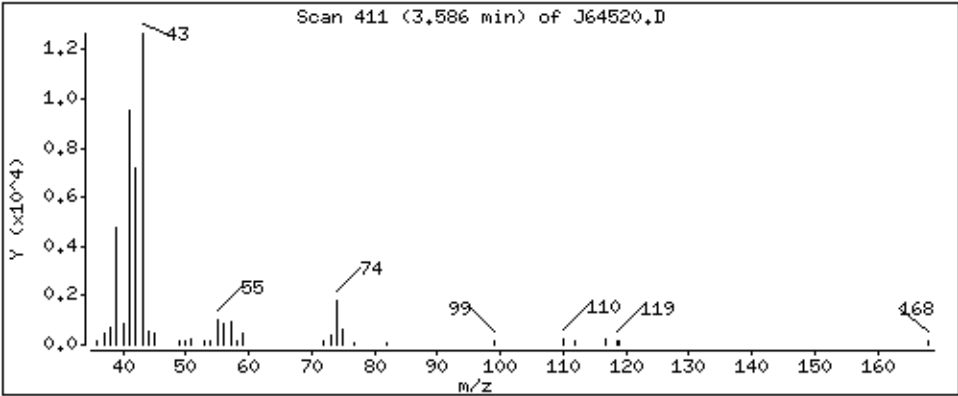
59 Trichloroethene Concentration: 46,2 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
60 Methylcyclohexane
Concentration: 44.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



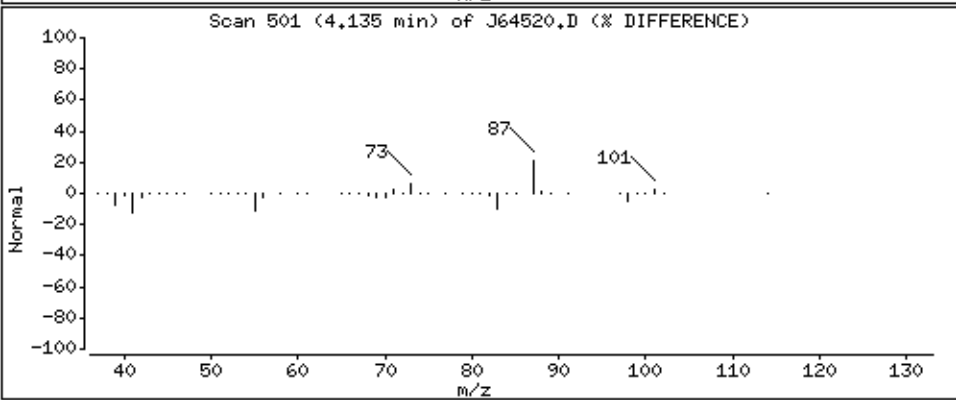
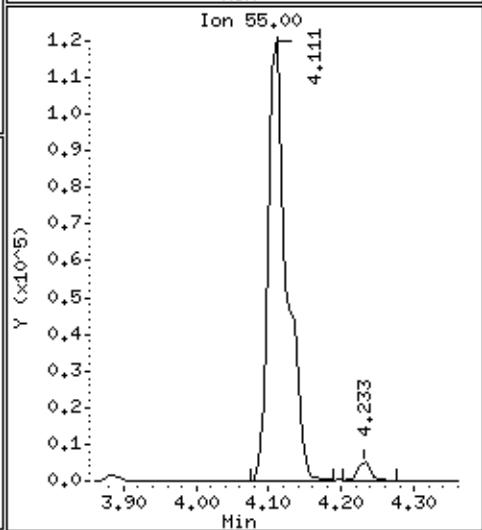
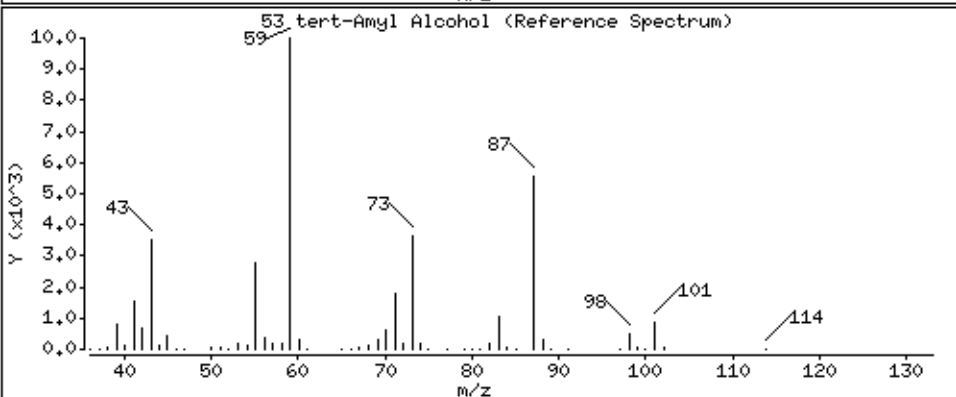
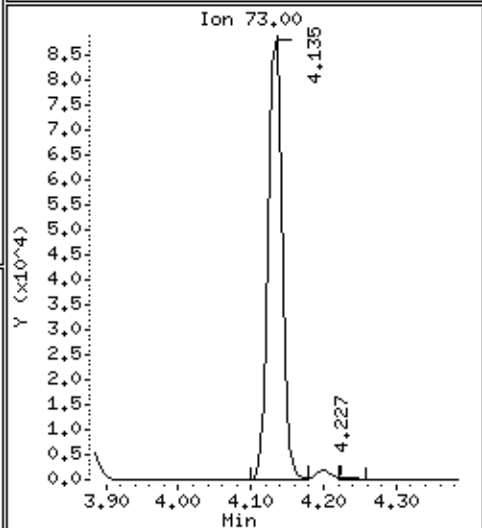
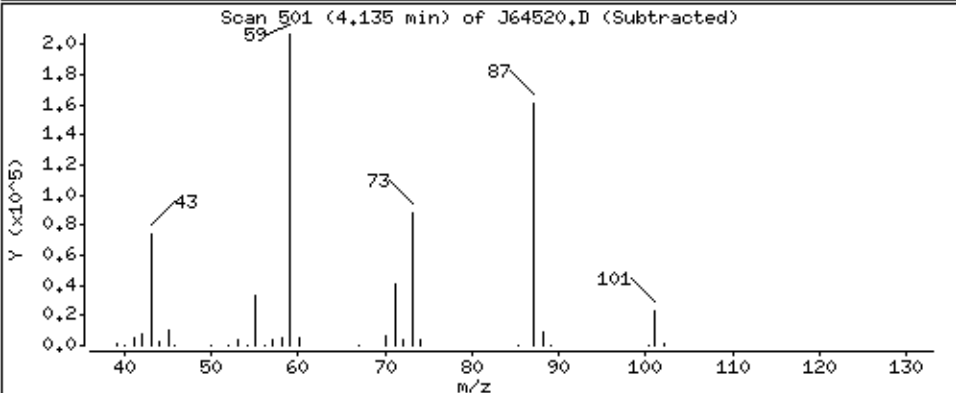
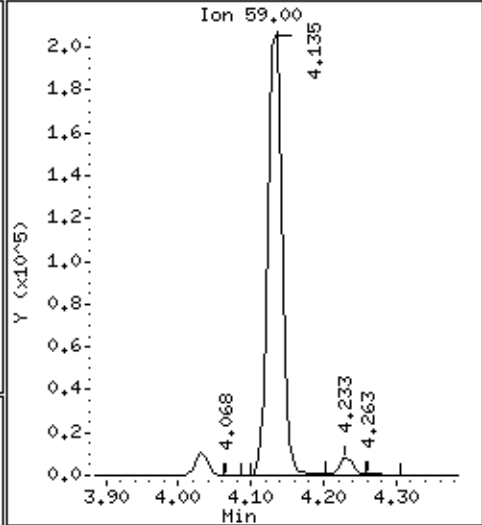
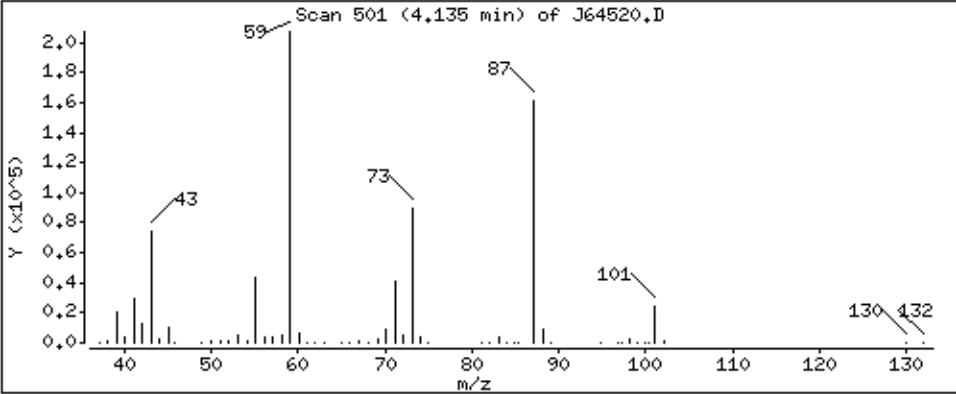
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 200 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



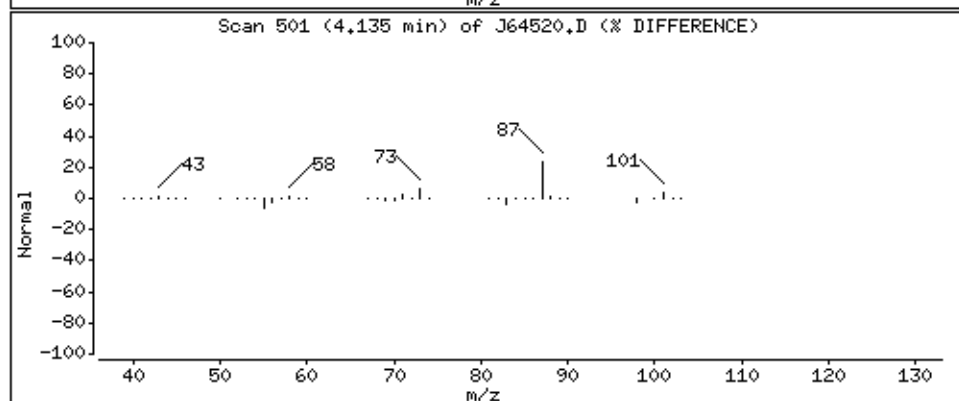
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

53 tert-Amyl Alcohol

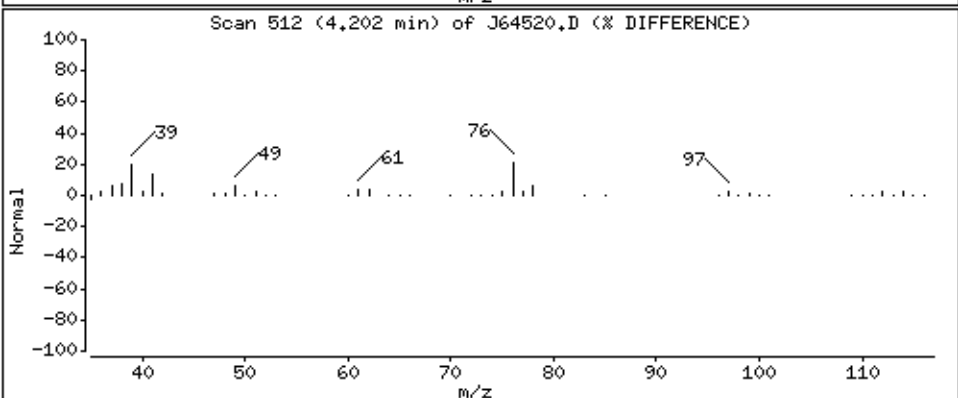
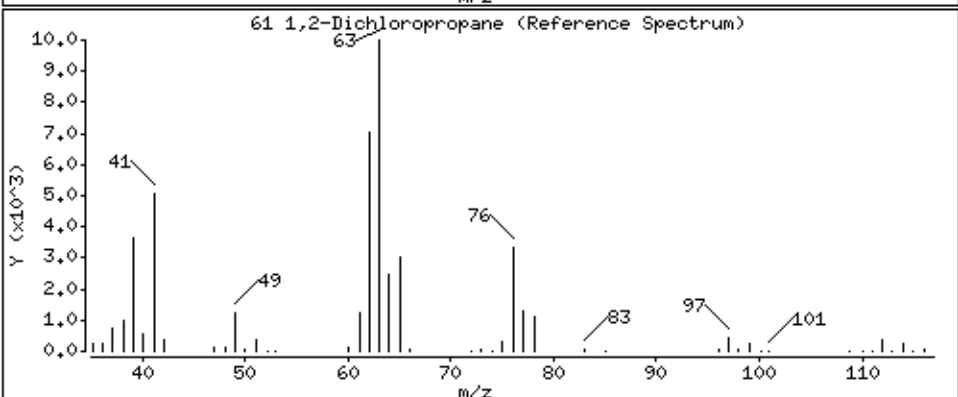
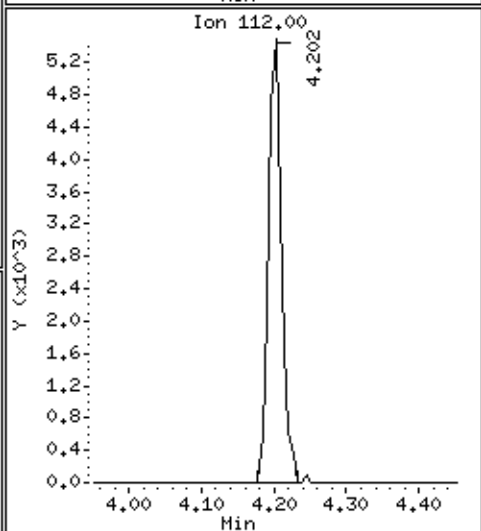
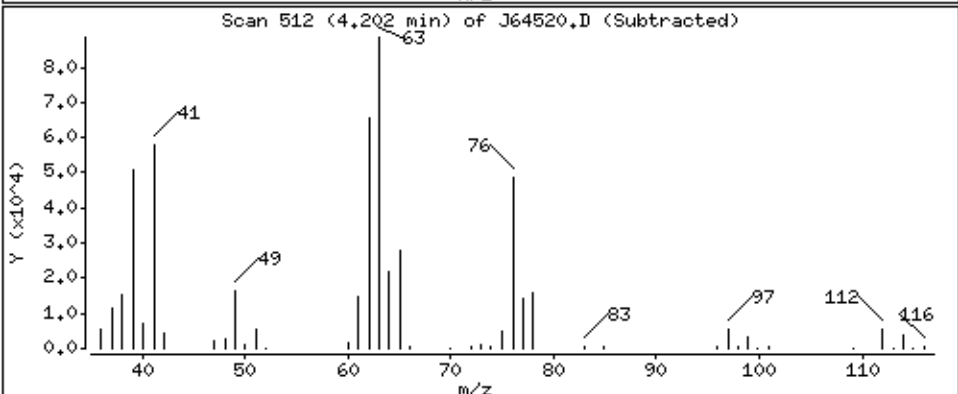
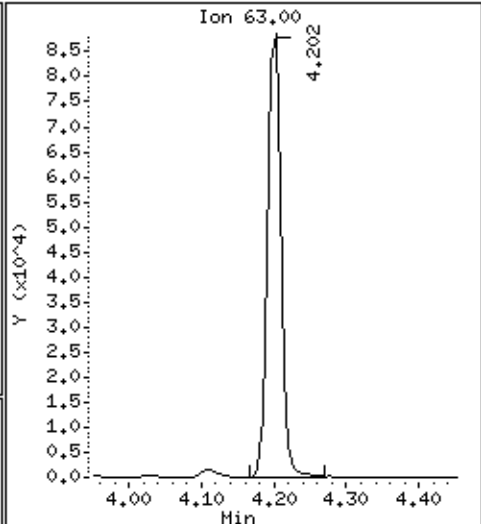
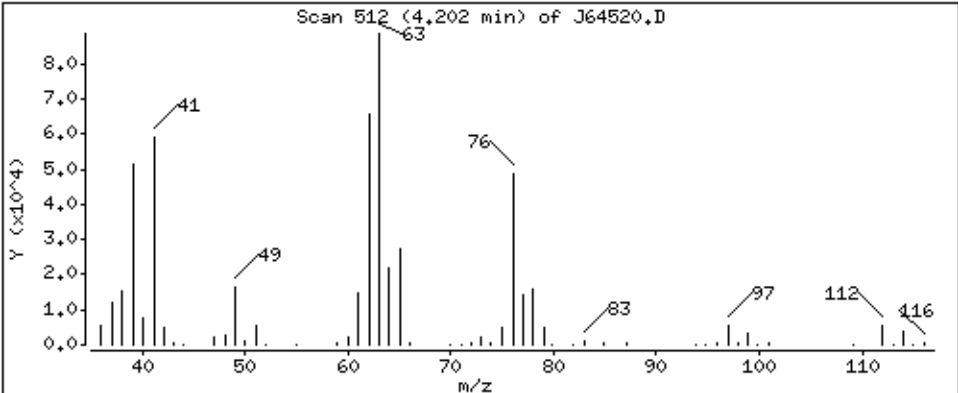
Review Code:



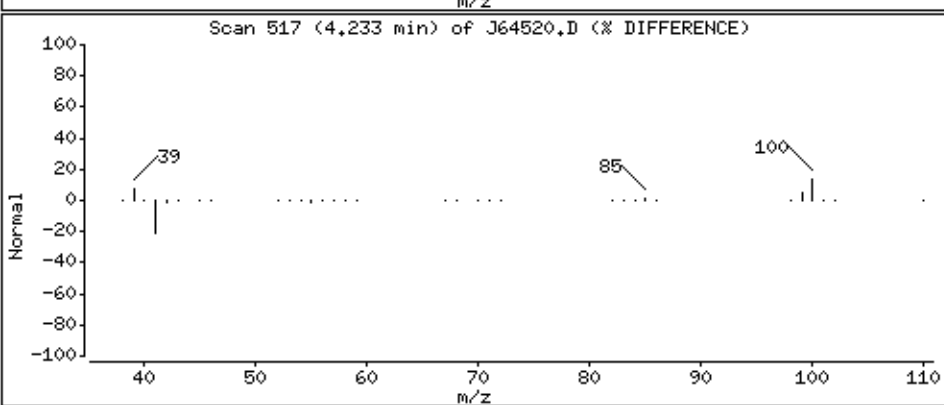
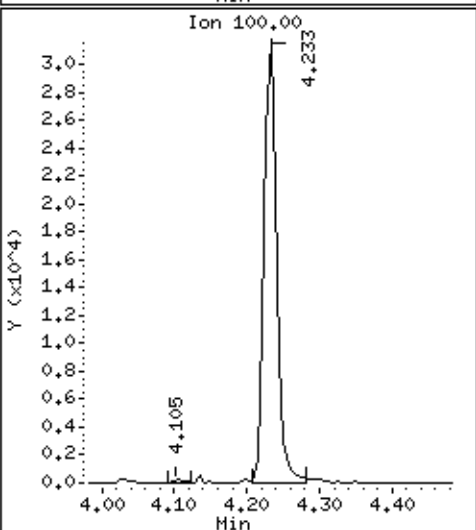
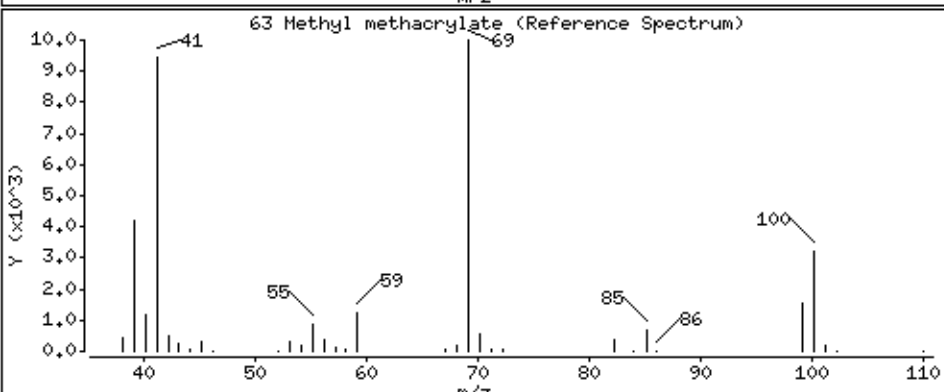
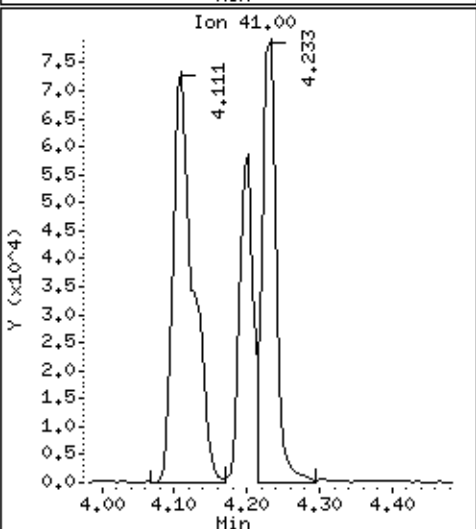
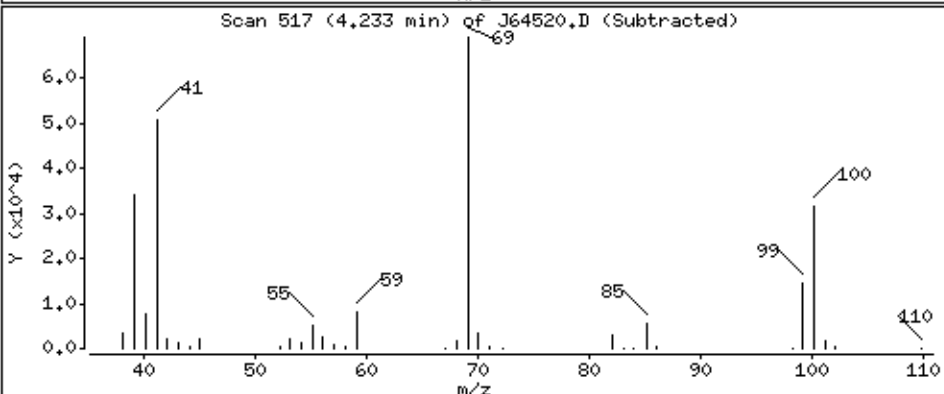
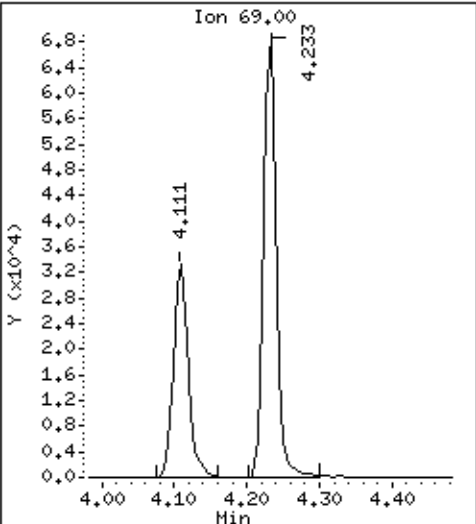
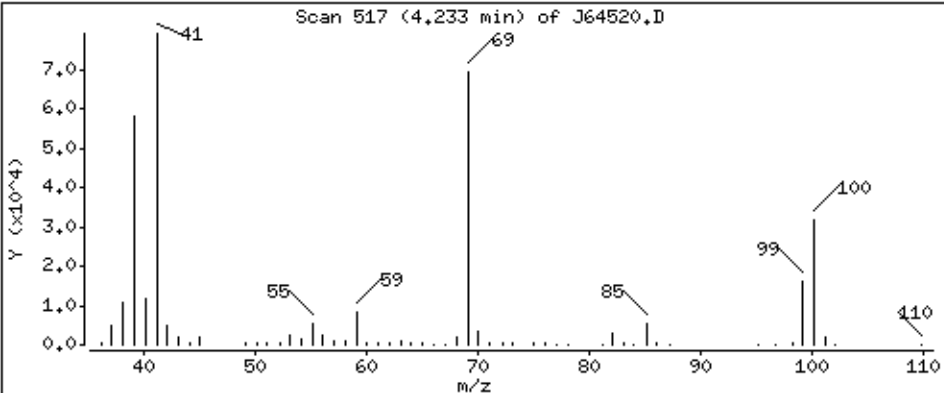
Review Code:



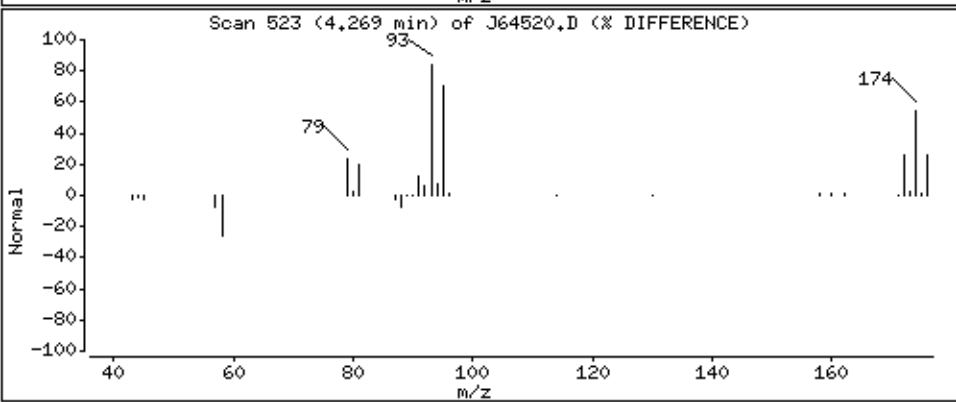
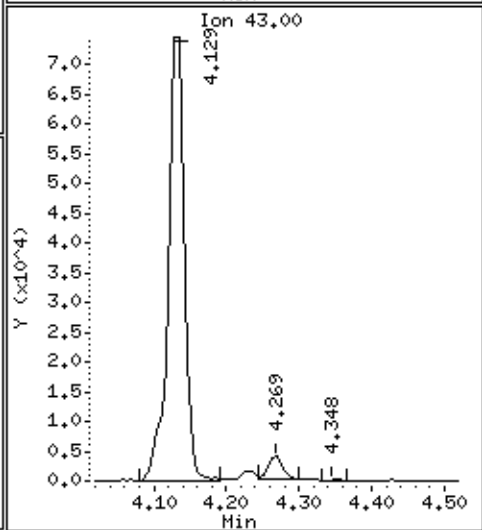
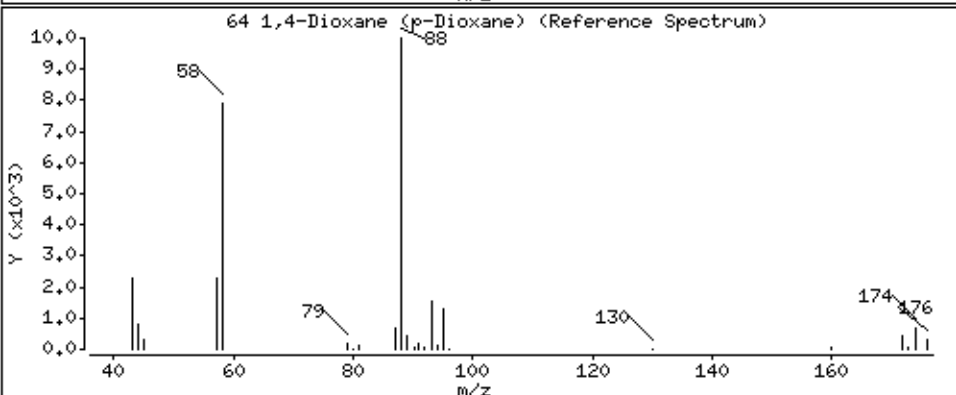
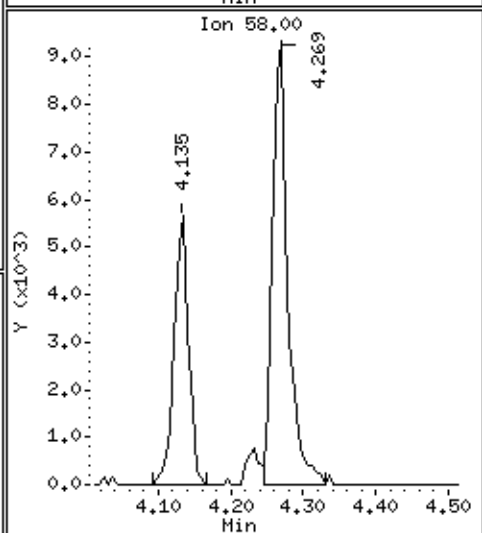
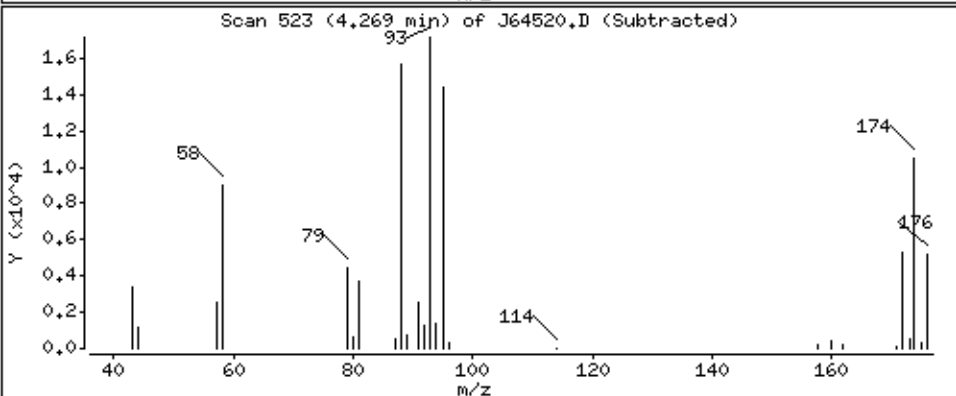
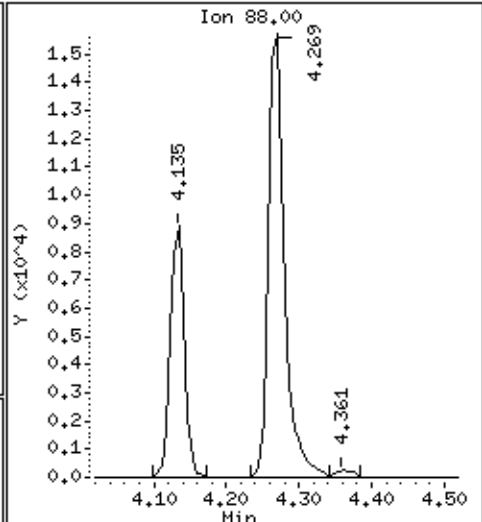
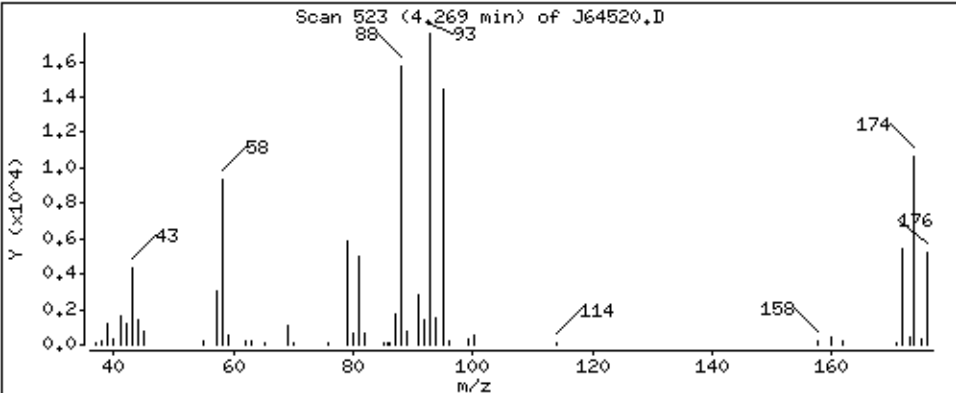
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 42.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18
63 Methyl methacrylate
Concentration: 45,1 ug/L
Review Code:

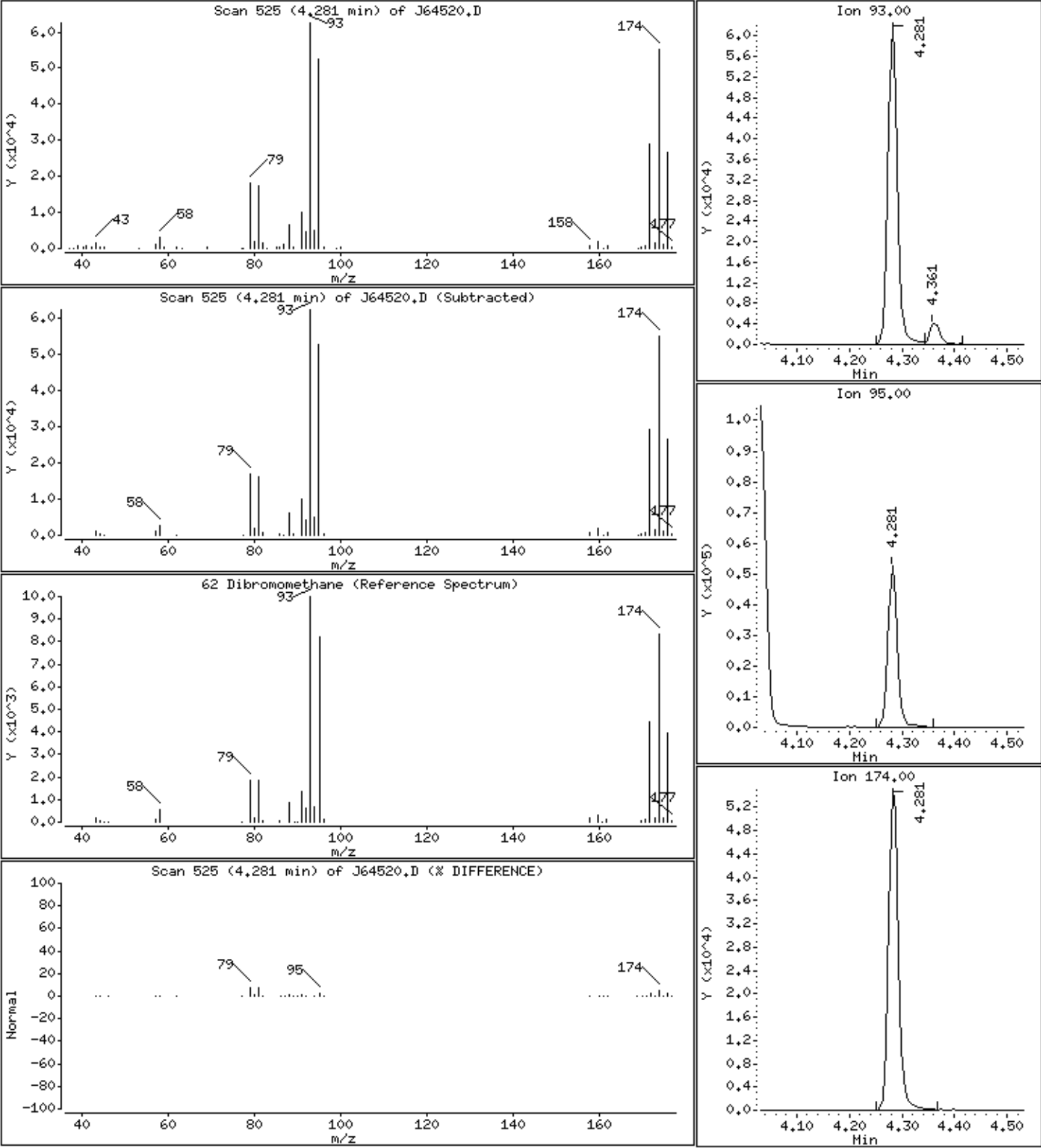


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
64 1,4-Dioxane (p-Dioxane)
Concentration: 1790 ug/L
Review Code:

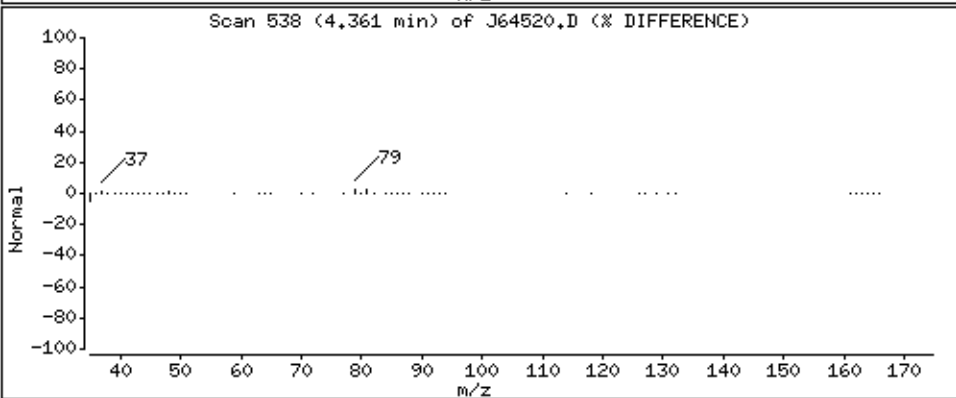
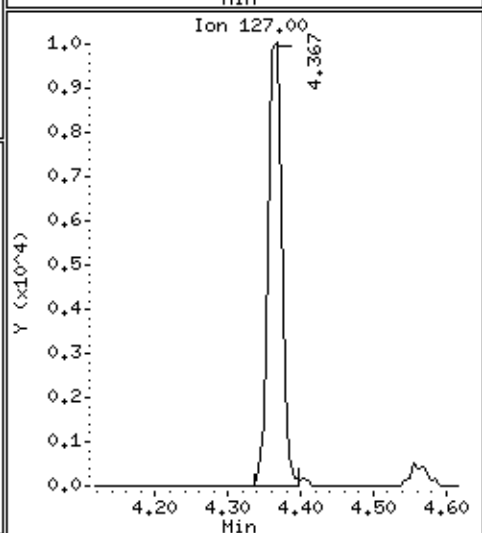
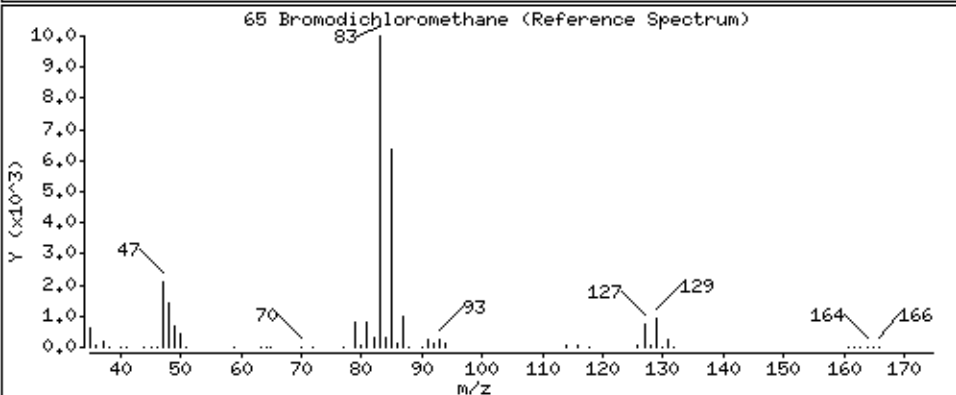
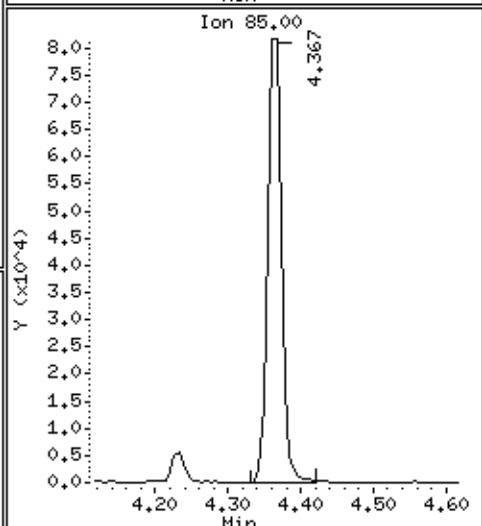
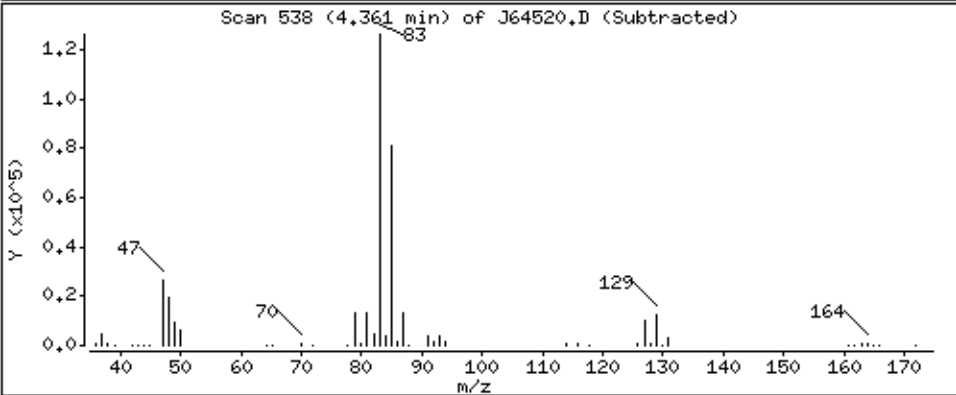
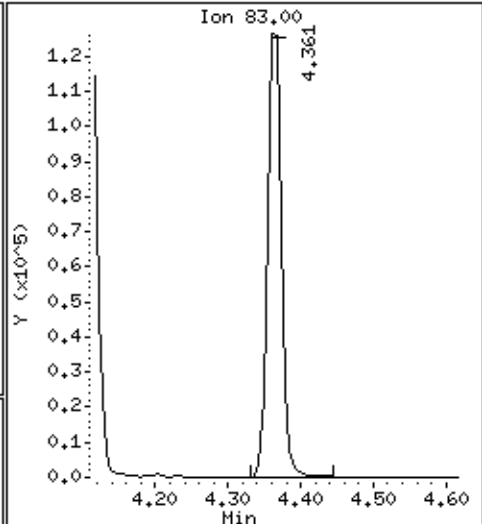
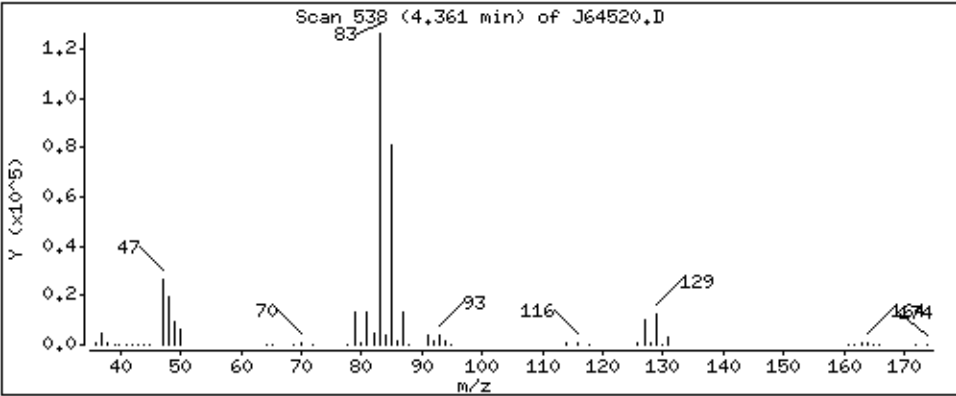


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

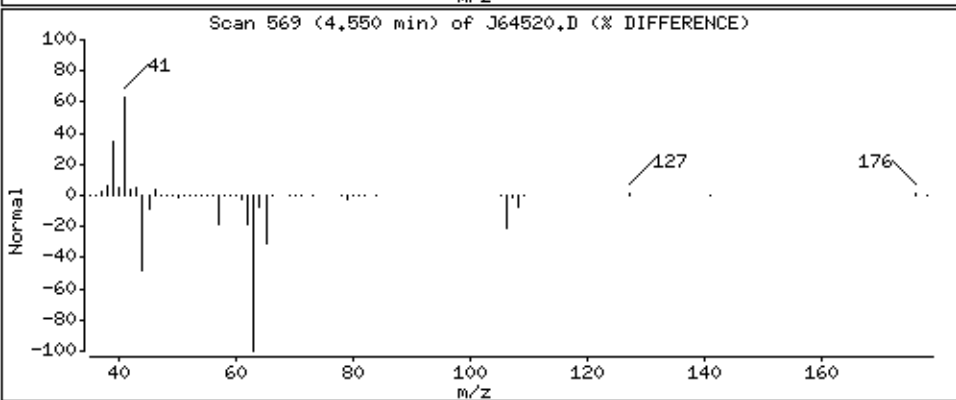
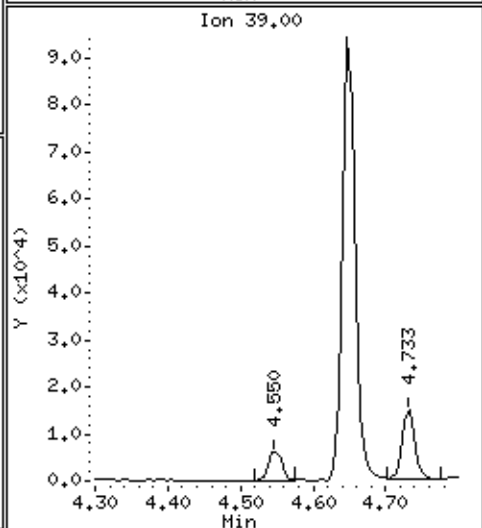
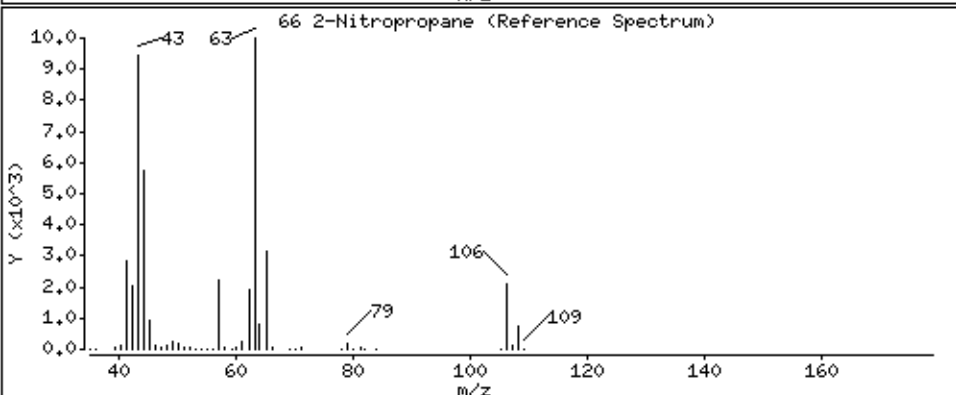
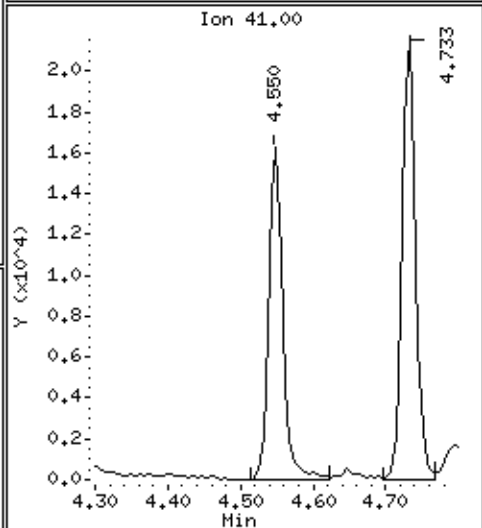
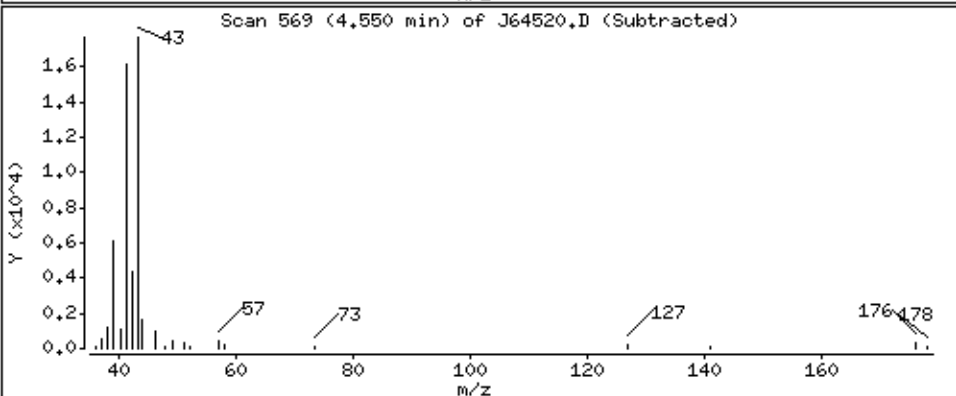
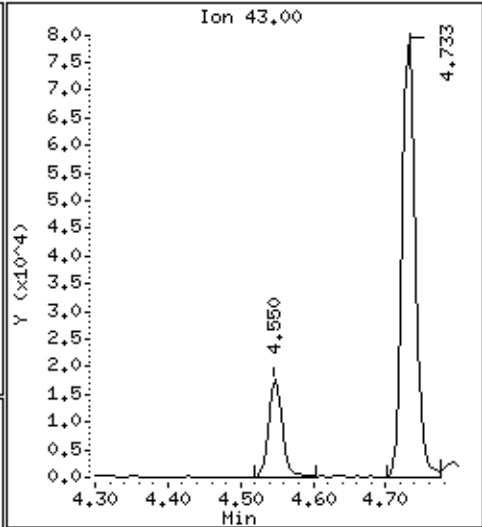
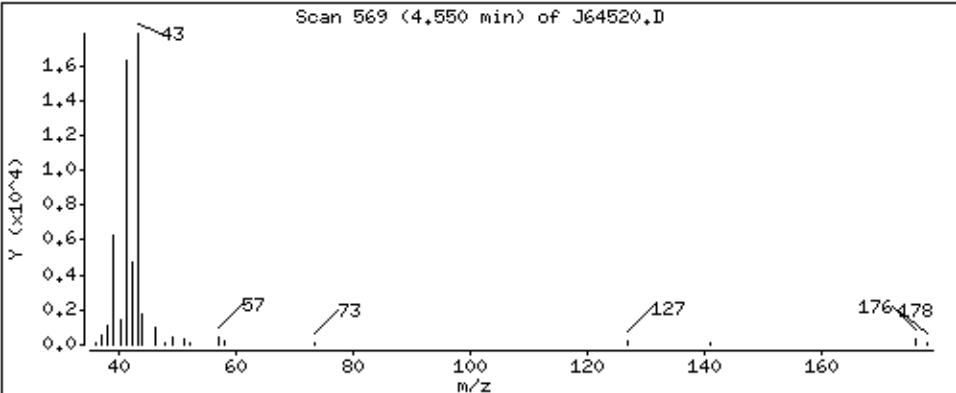
62 Dibromomethane
Concentration: 52.0 ug/L
Review Code:



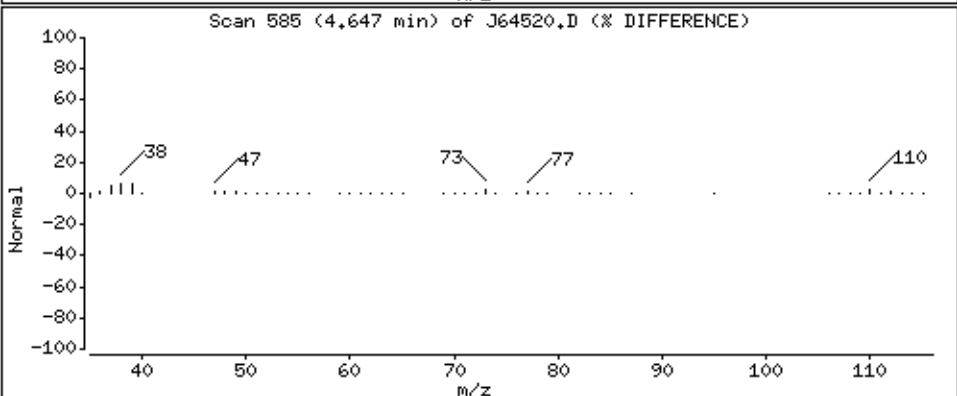
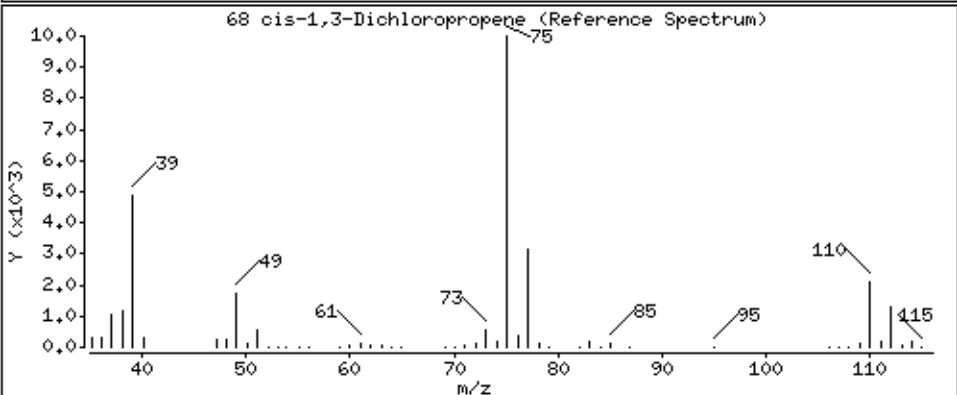
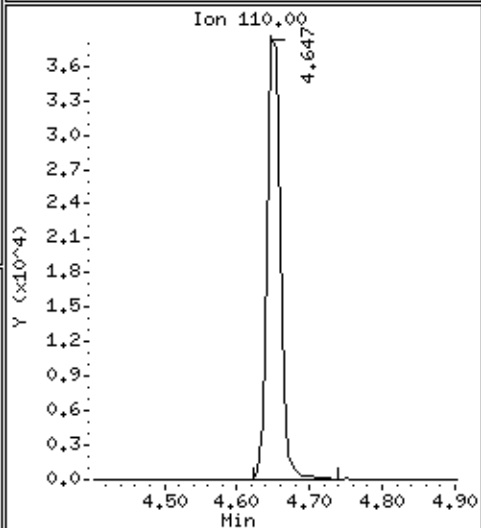
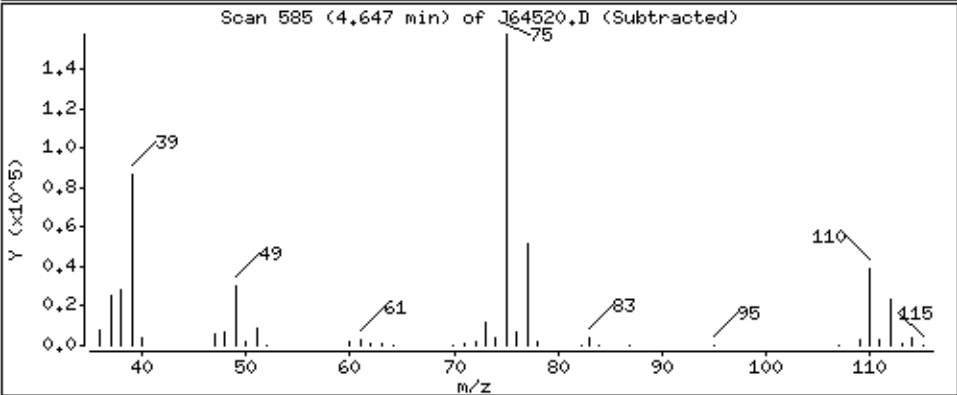
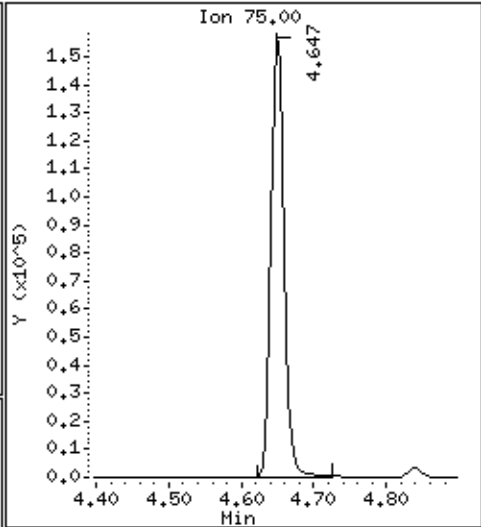
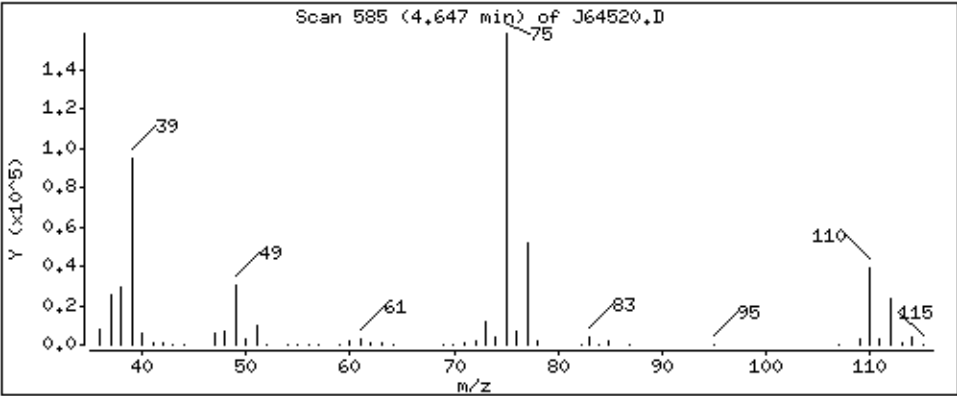
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
65 Bromodichloromethane
Concentration: 46.7 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
66 2-Nitropropane
Concentration: 18.1 ug/L
Review Code:

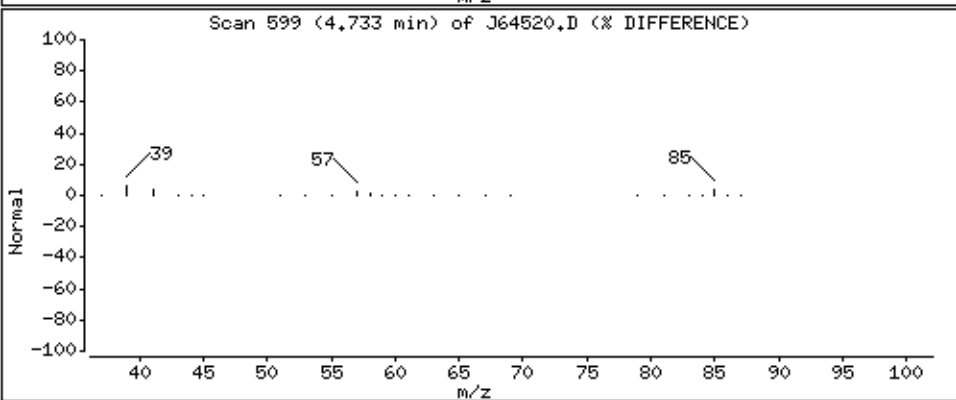
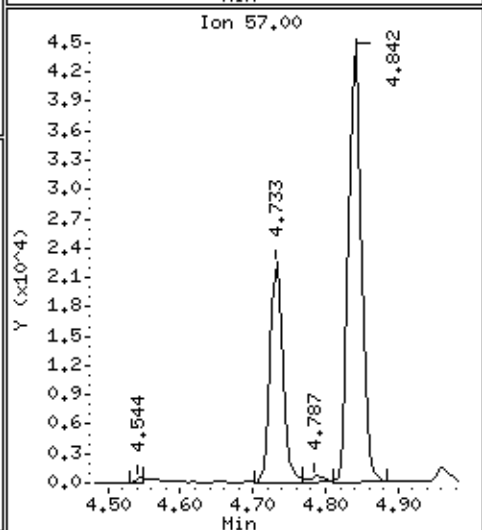
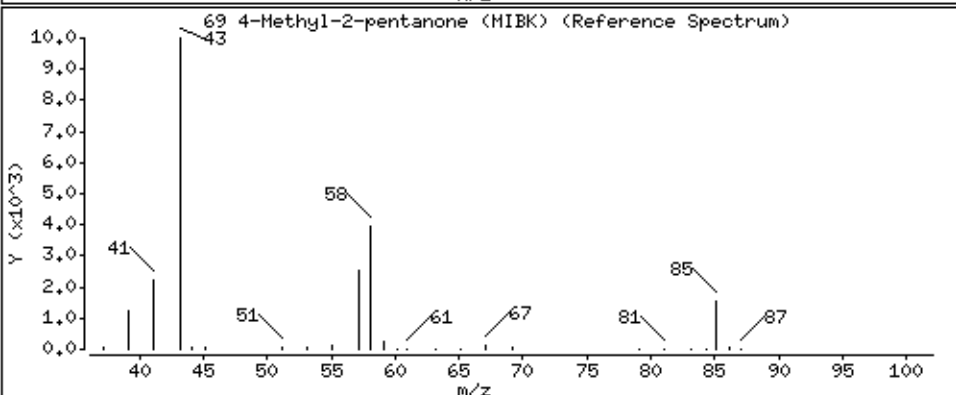
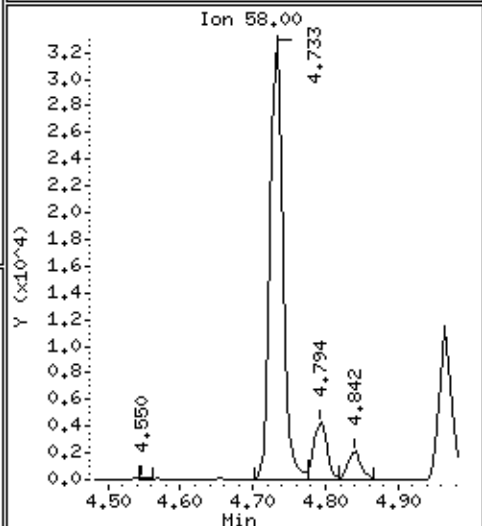
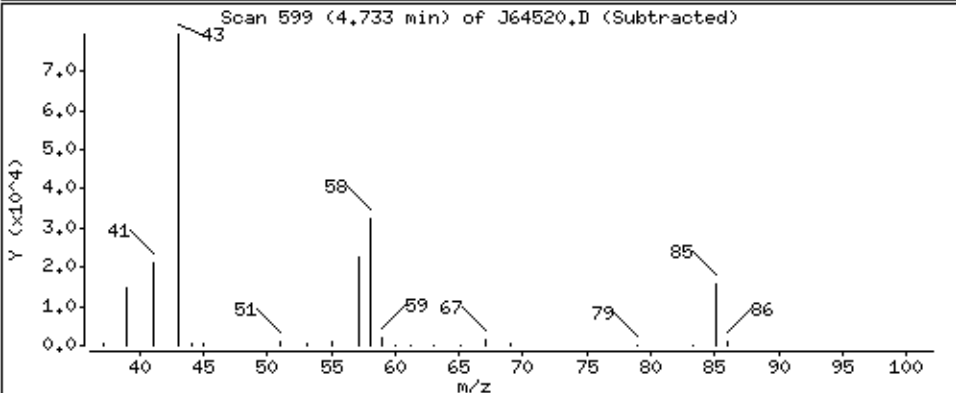
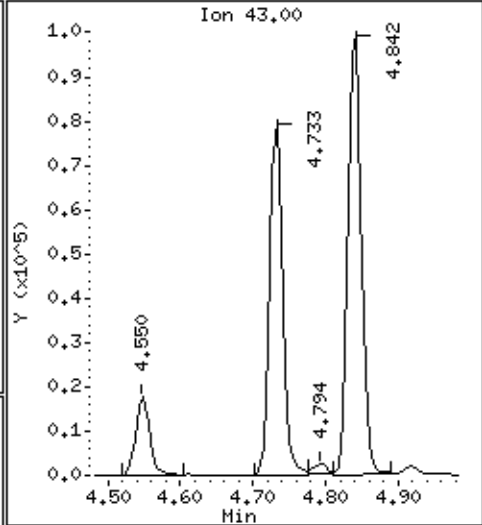
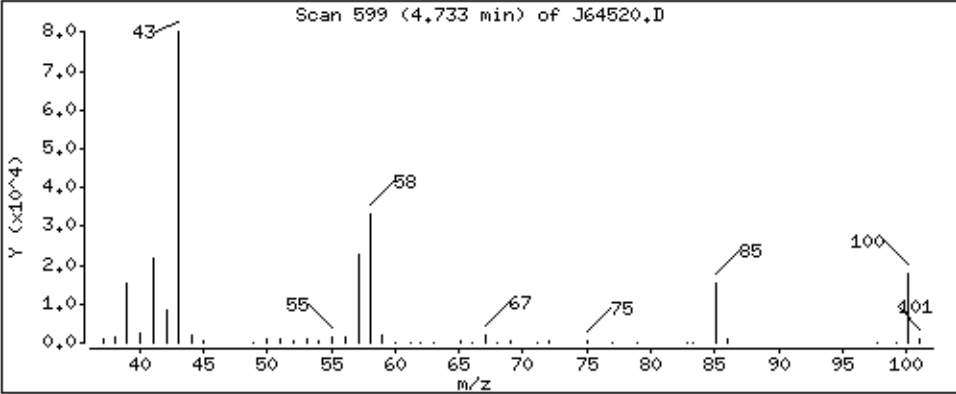


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
68 cis-1,3-Dichloropropene
Concentration: 45.0 ug/L
Review Code:



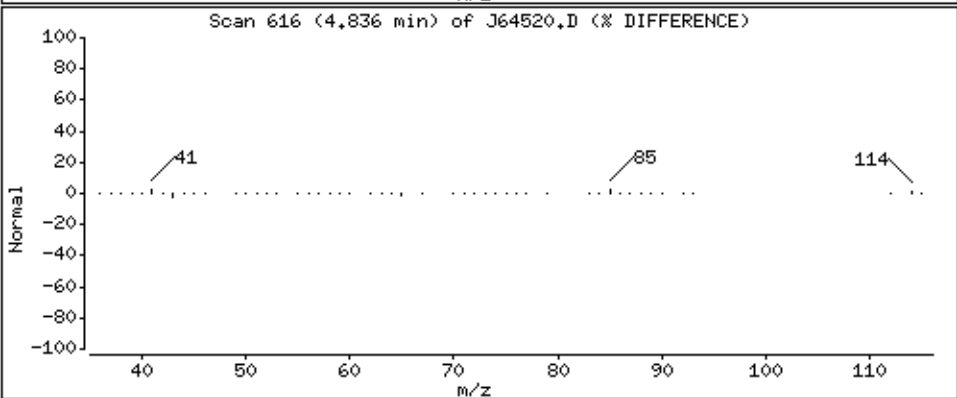
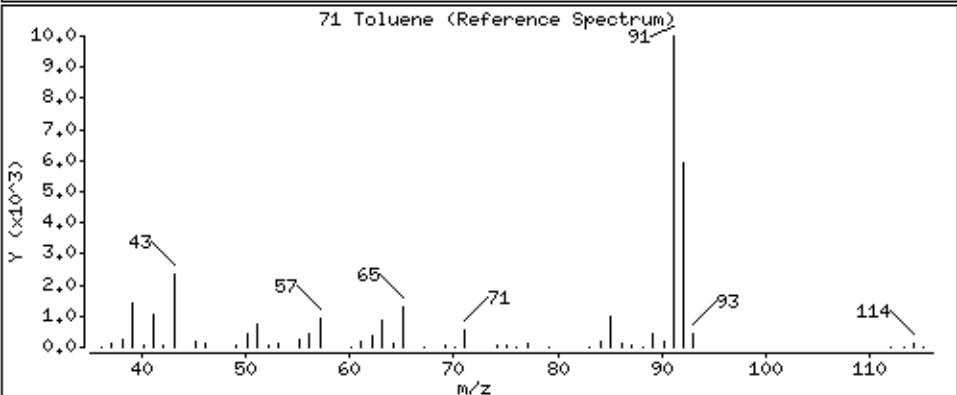
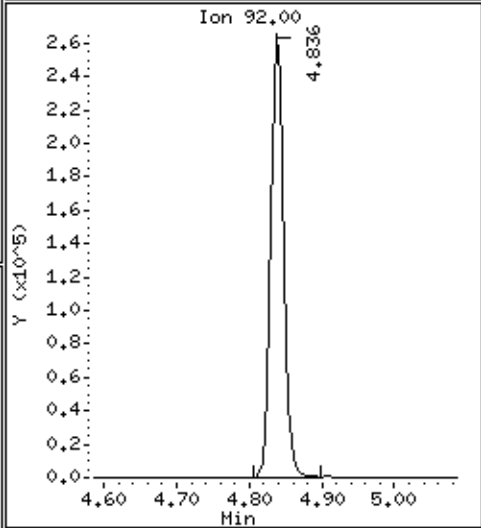
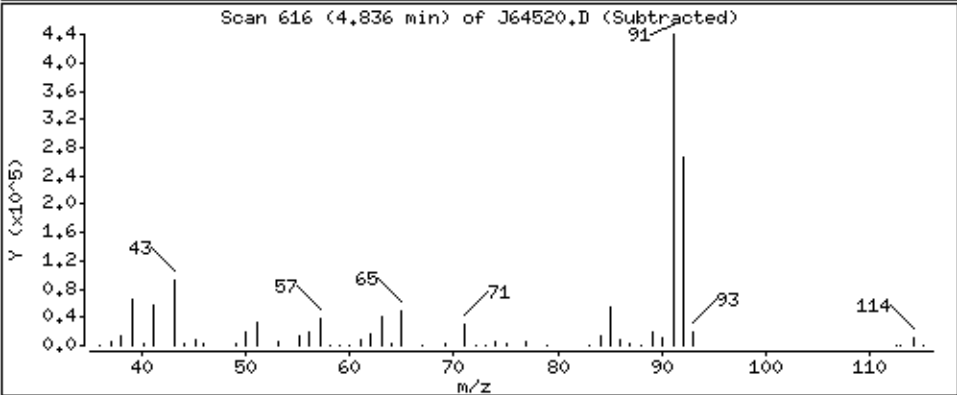
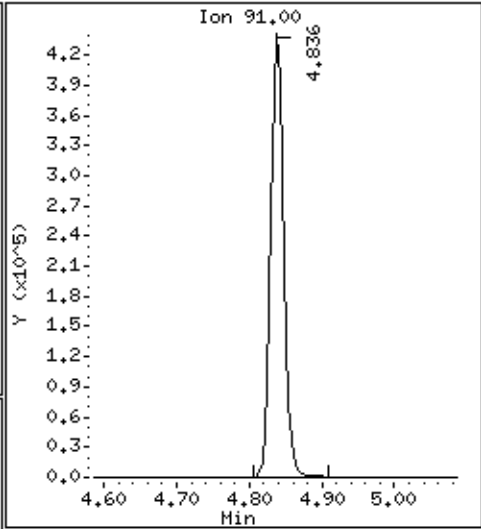
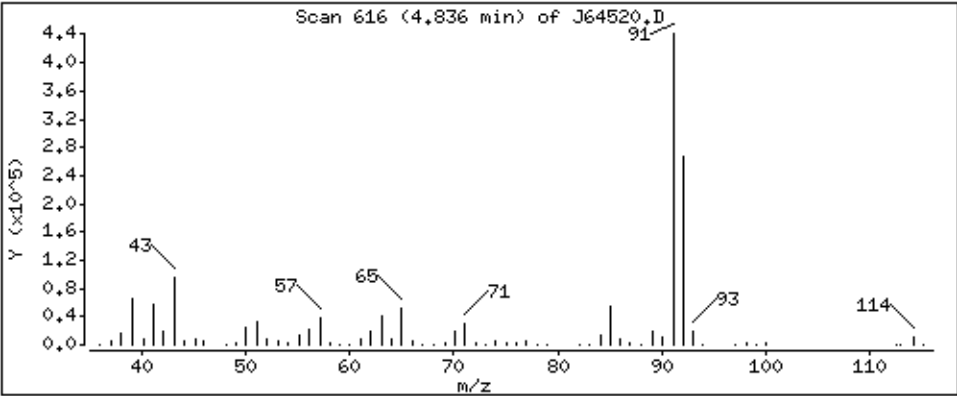
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

69 4-Methyl-2-pentanone (MIBK) Concentration: 38.9 ug/L Review Code:

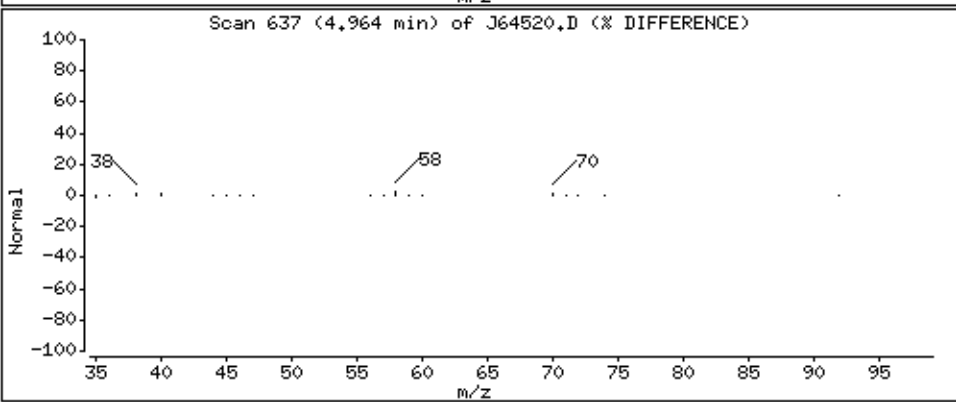
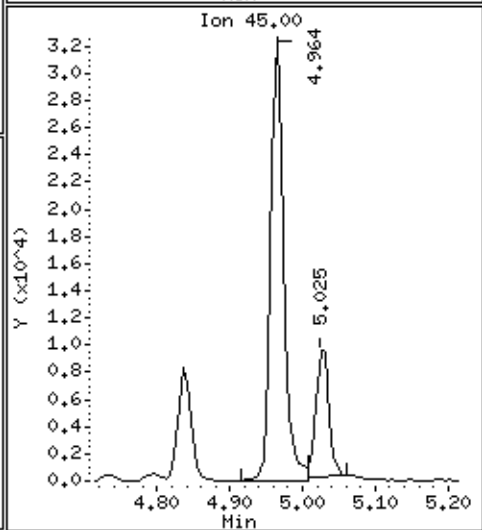
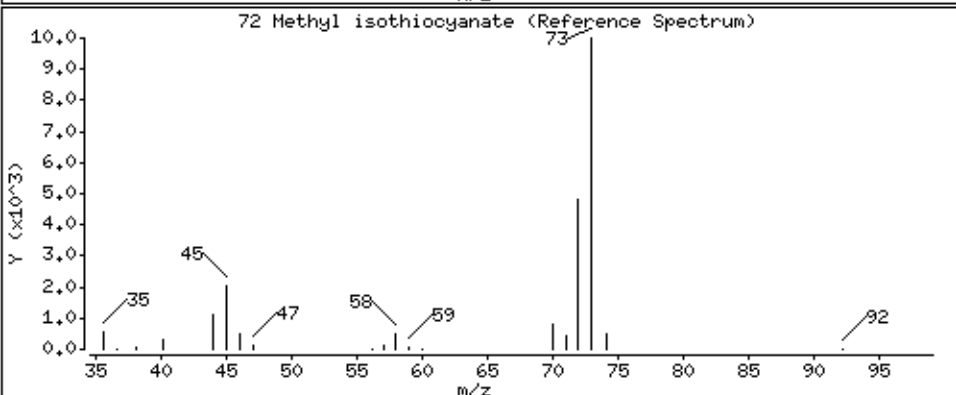
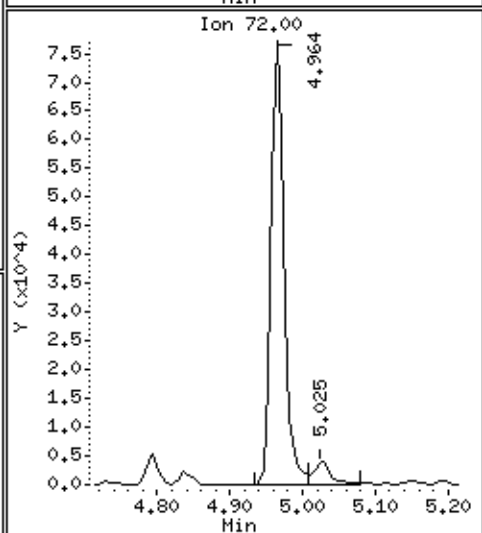
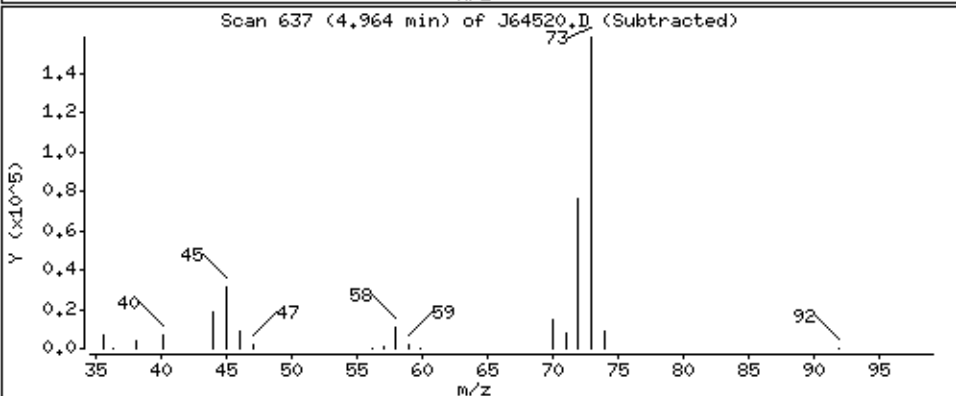
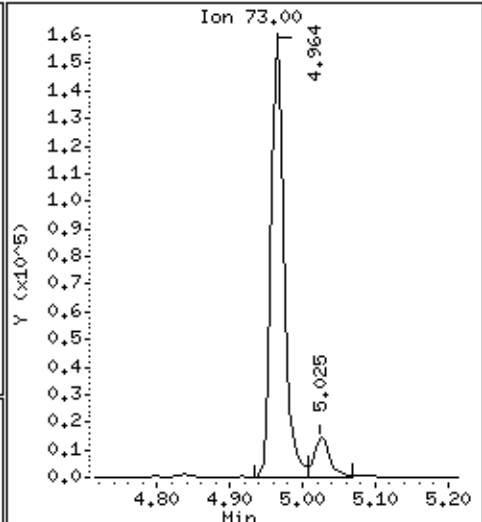
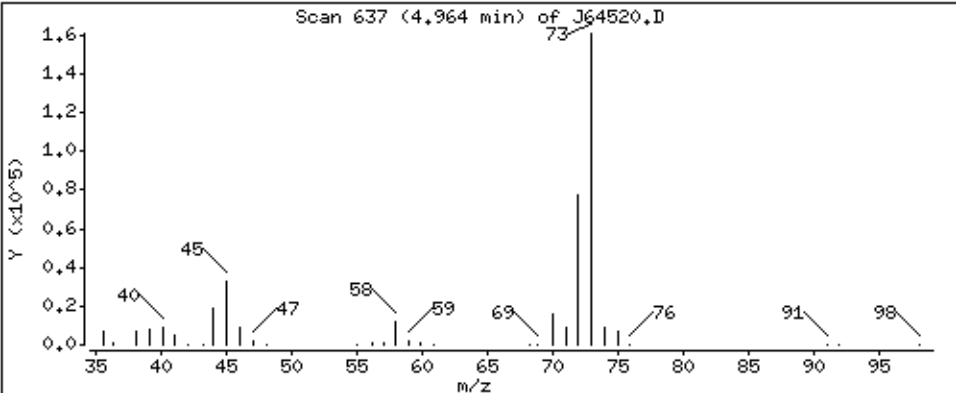


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

71 Toluene
Concentration: 48.0 ug/L
Review Code:

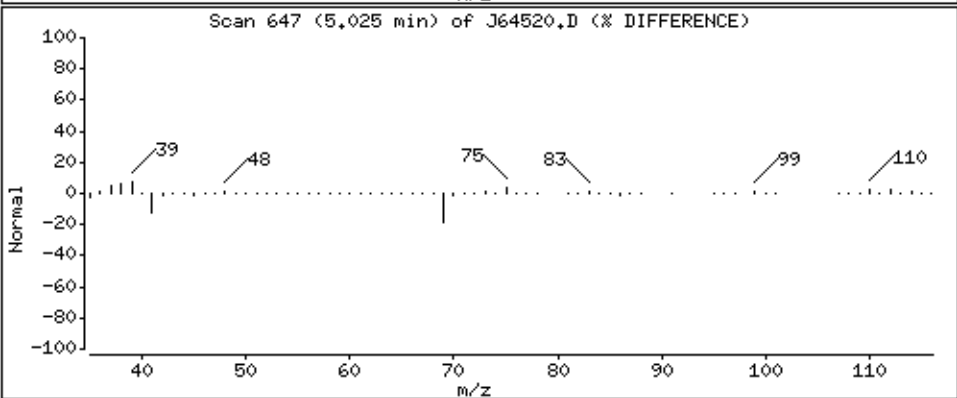
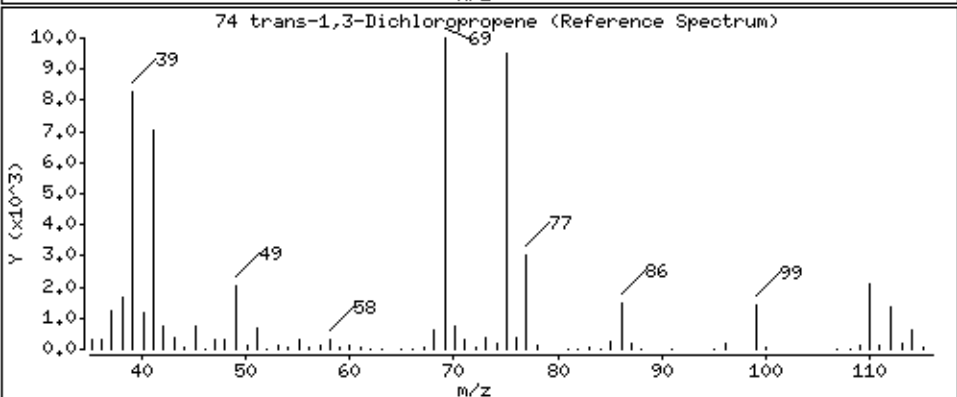
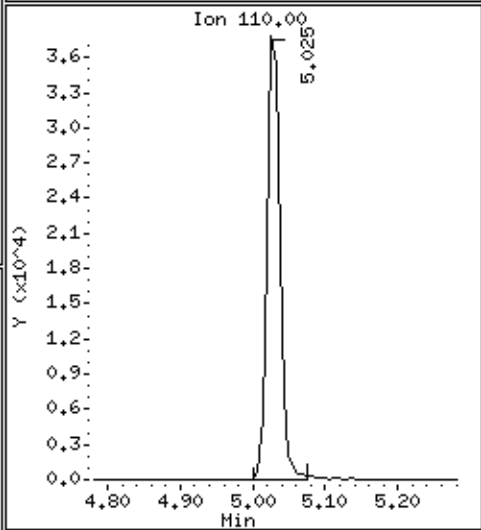
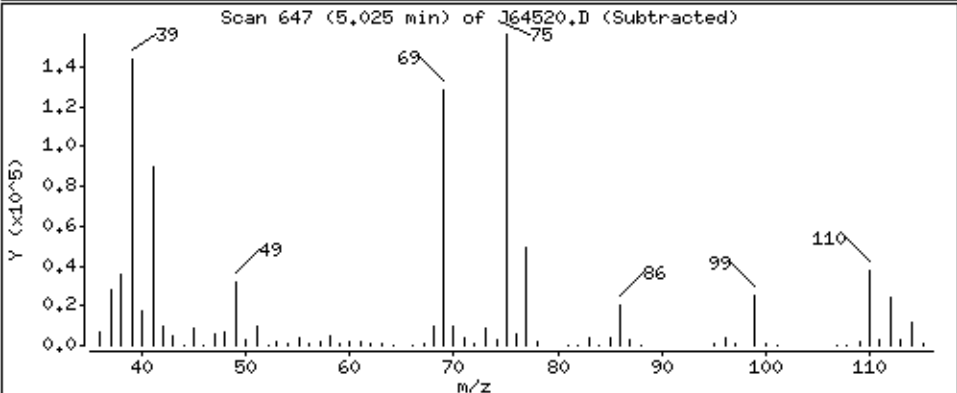
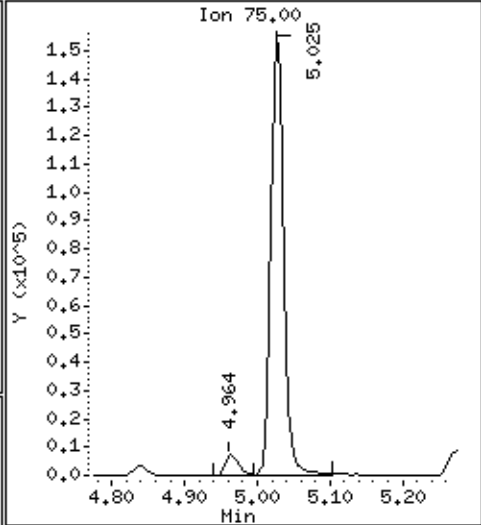
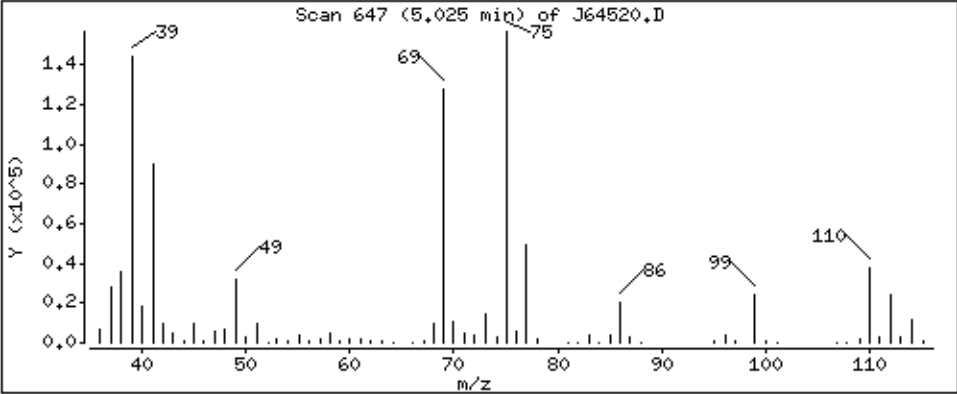


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
72 Methyl isothiocyanate
Concentration: 112 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

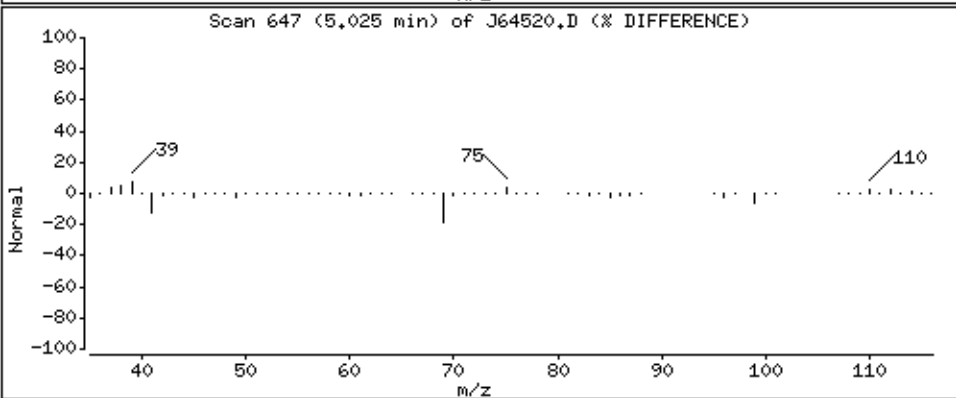
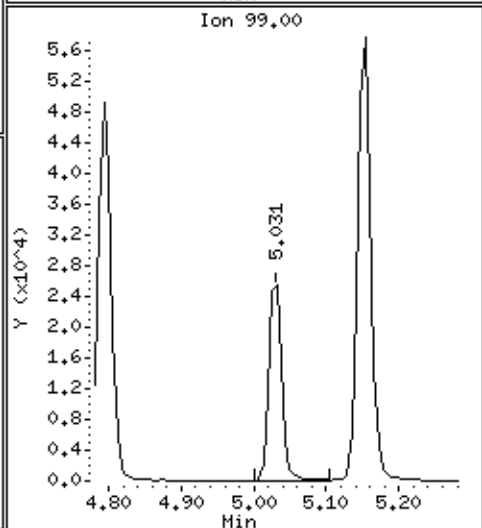
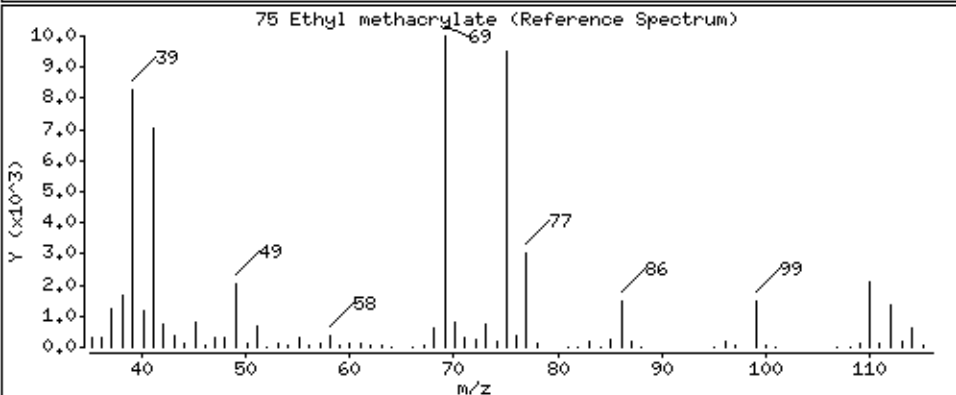
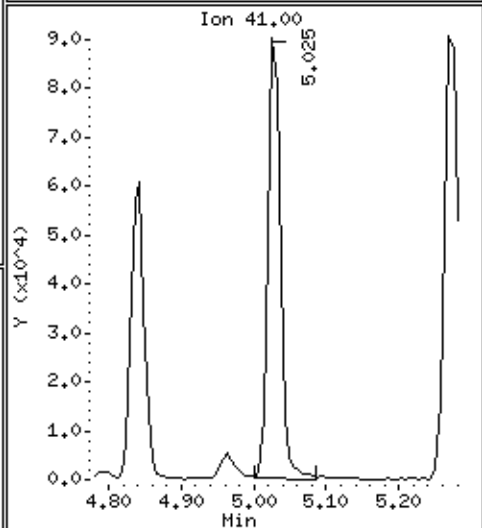
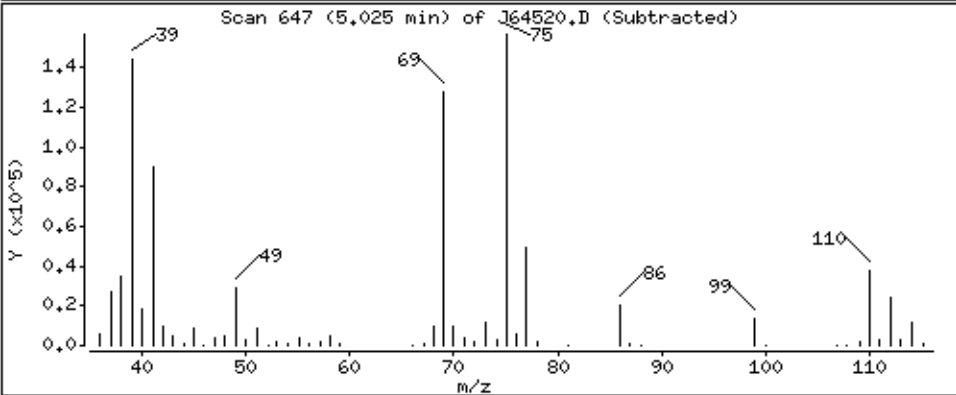
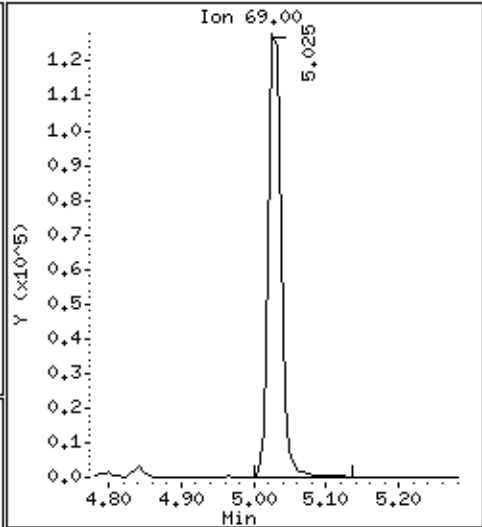
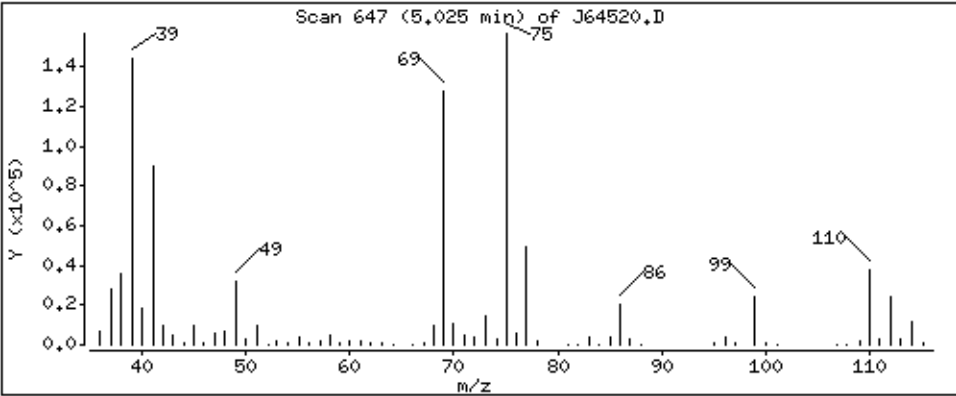


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

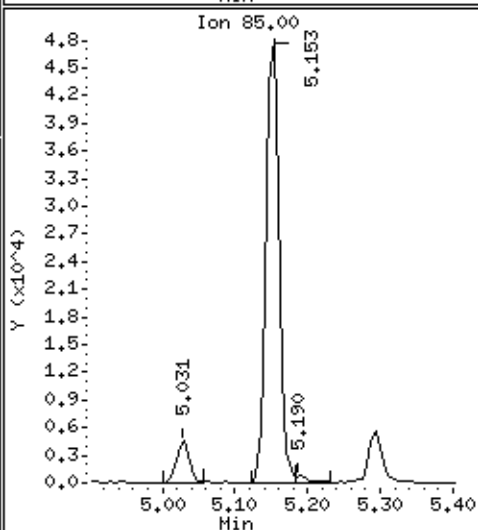
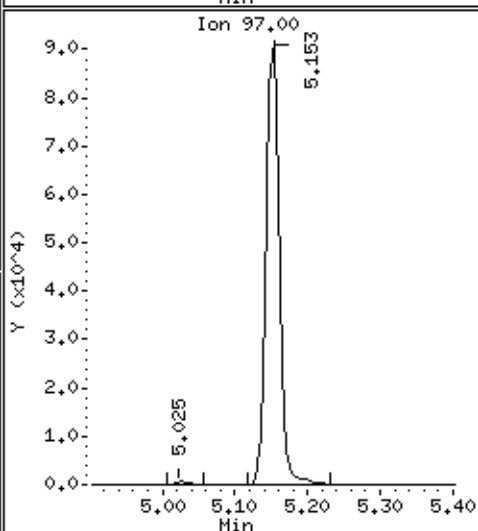
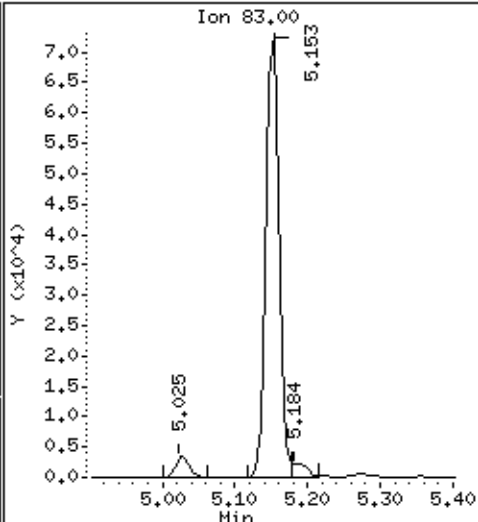
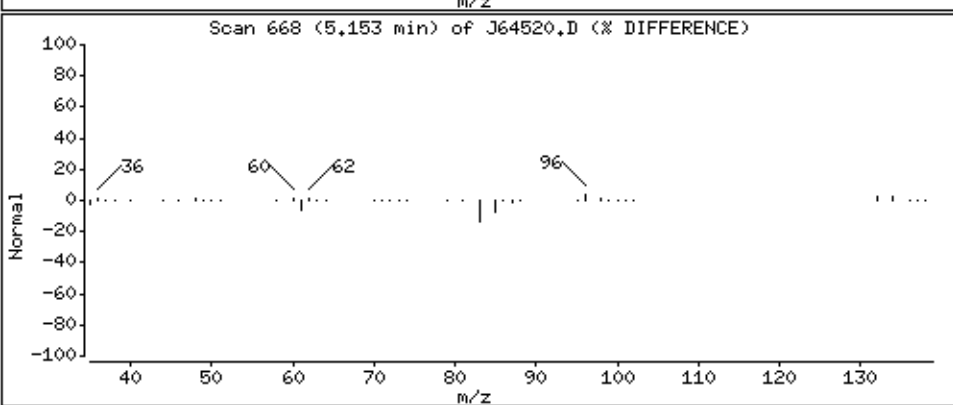
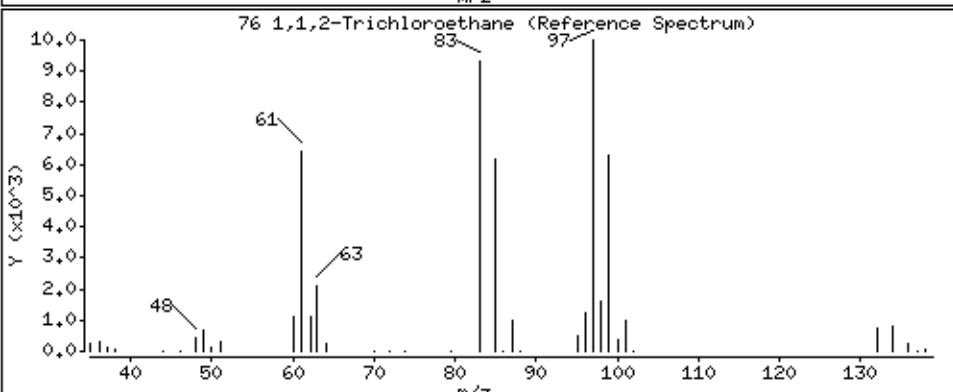
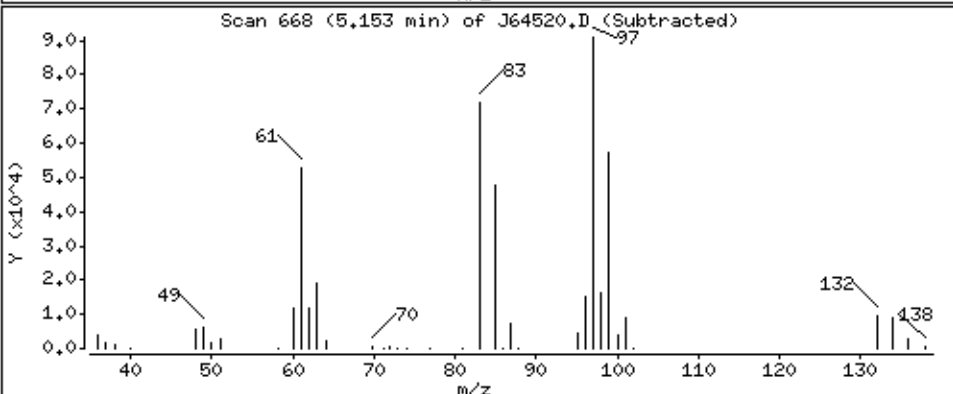
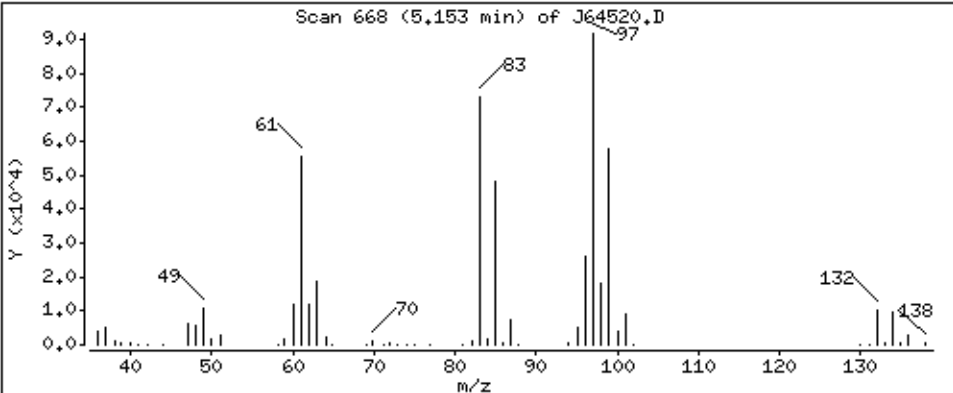
74 trans-1,3-Dichloropropene Concentration: 49.0 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
75 Ethyl methacrylate
Concentration: 46.9 ug/L
Review Code:

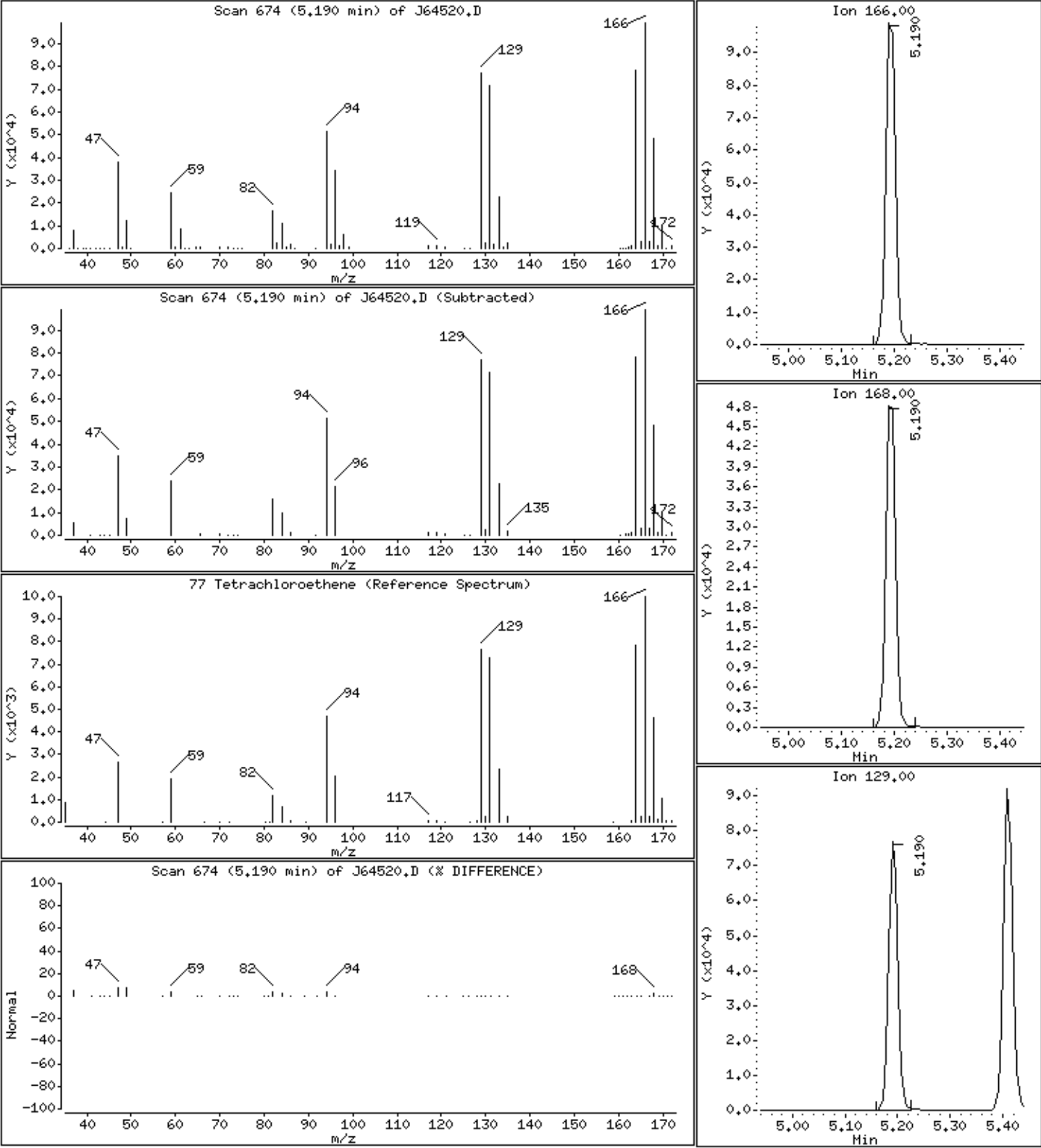


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18
76 1,1,2-Trichloroethane
Concentration: 47,9 ug/L
Review Code:

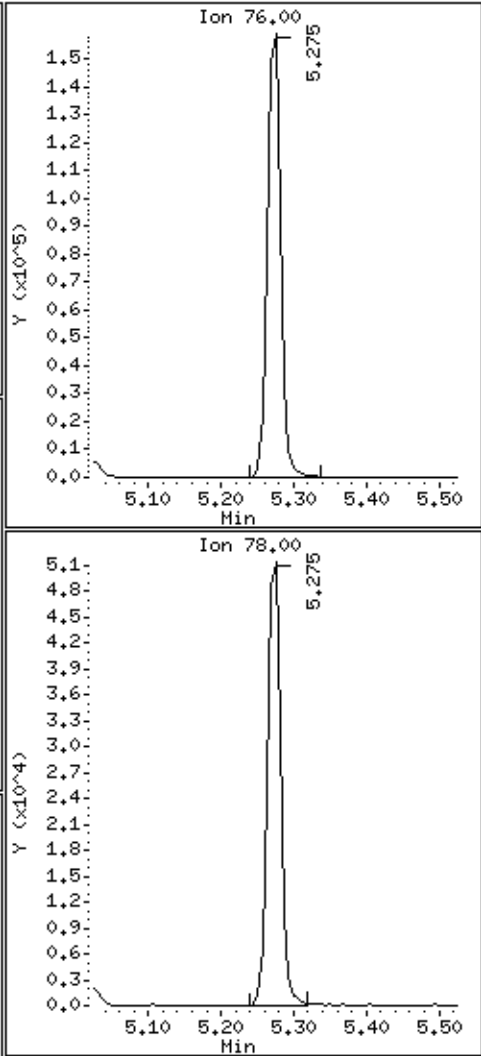
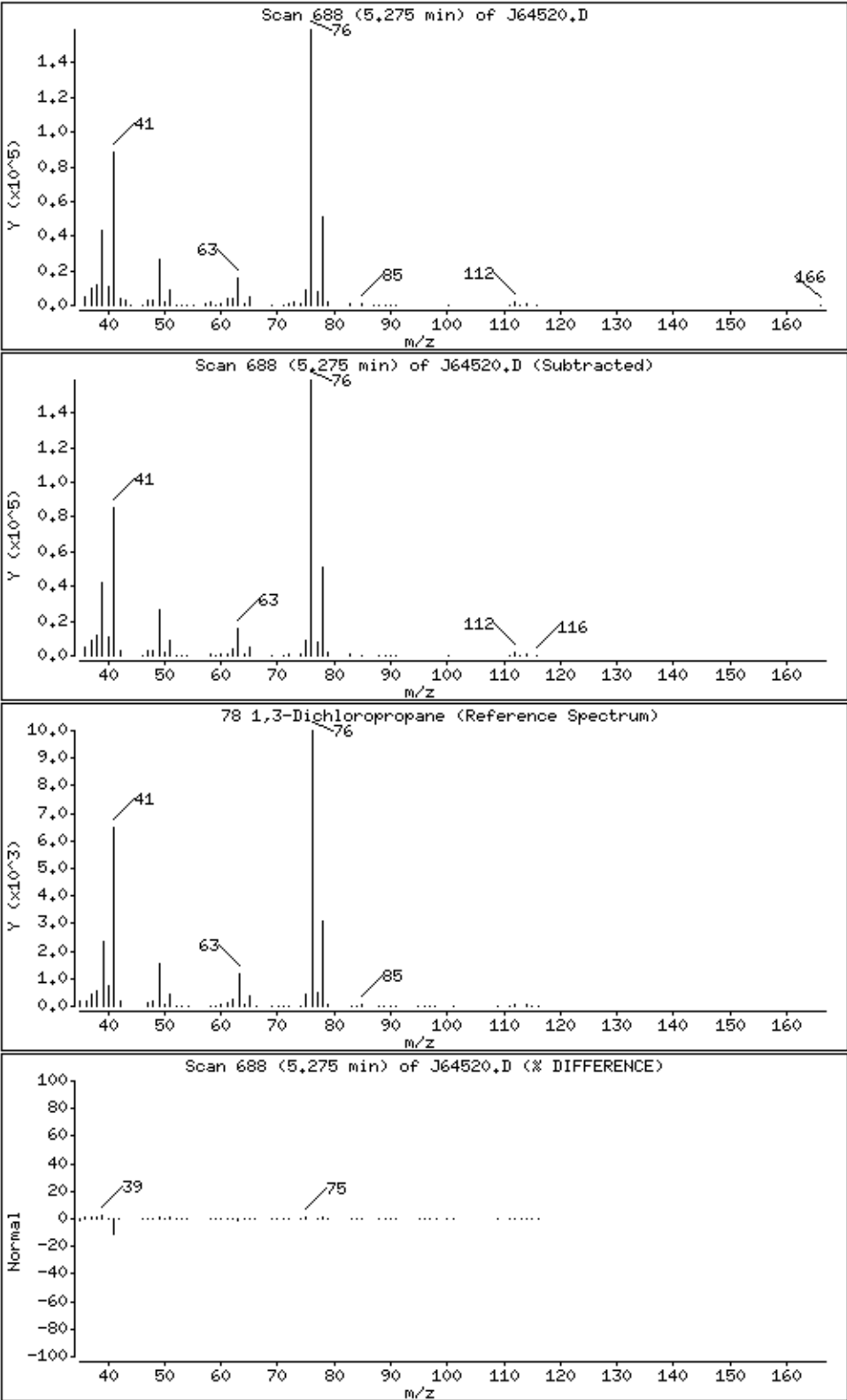


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

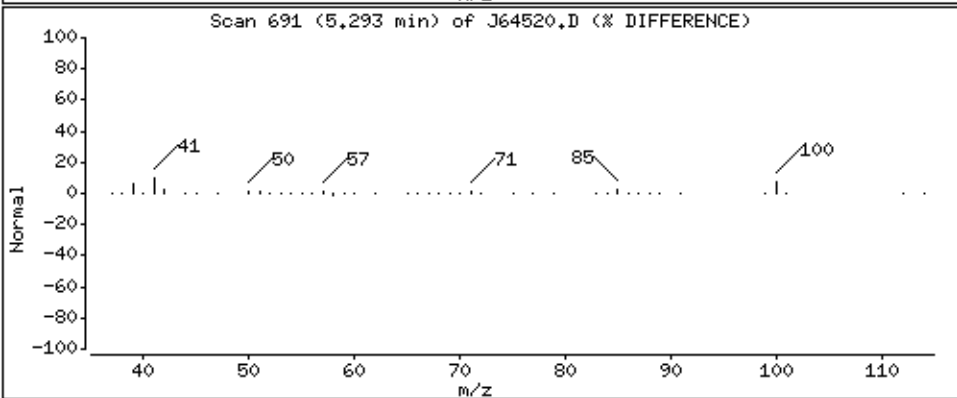
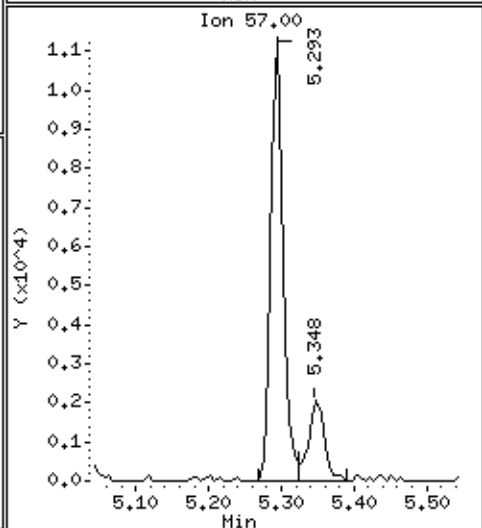
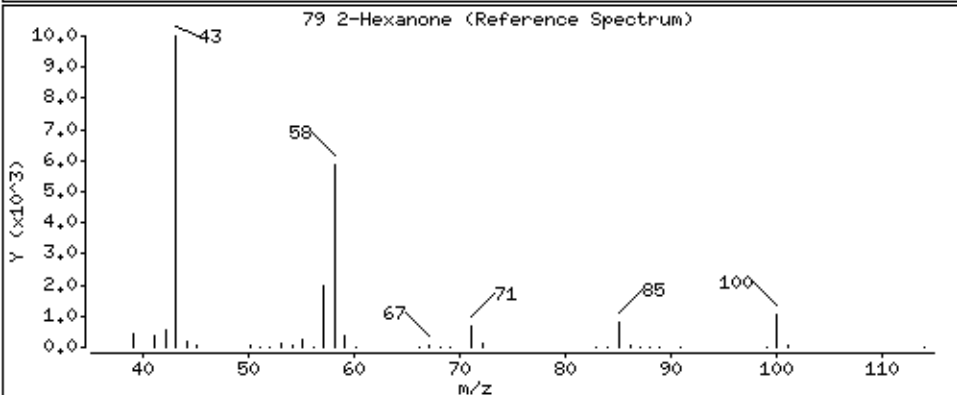
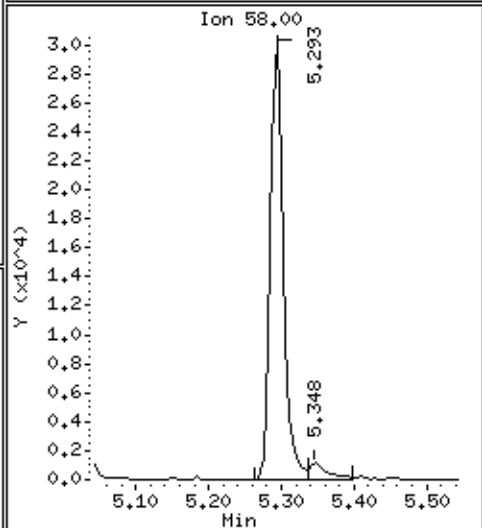
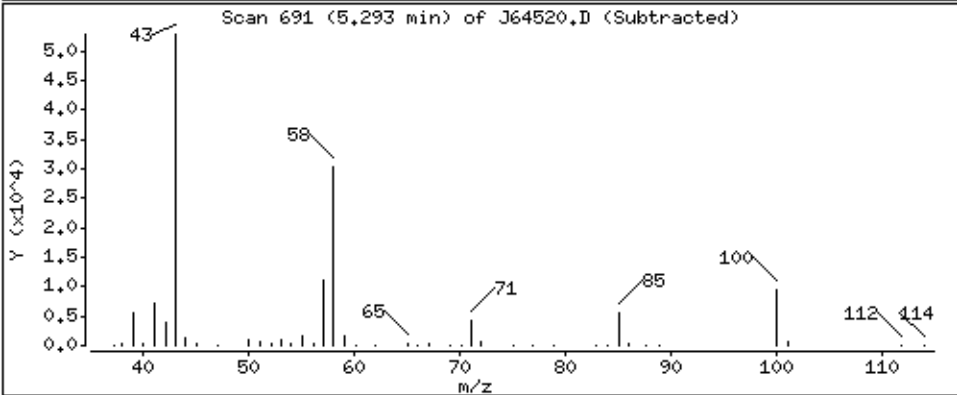
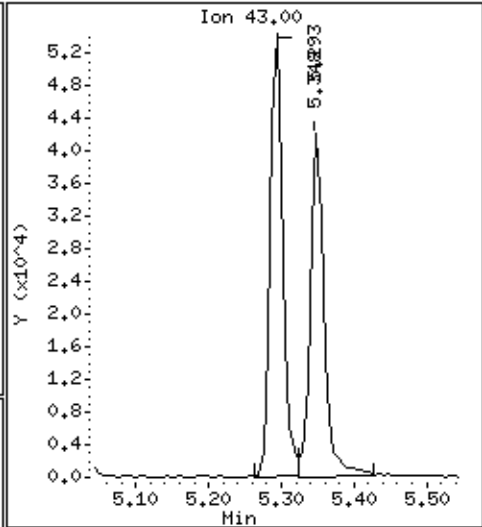
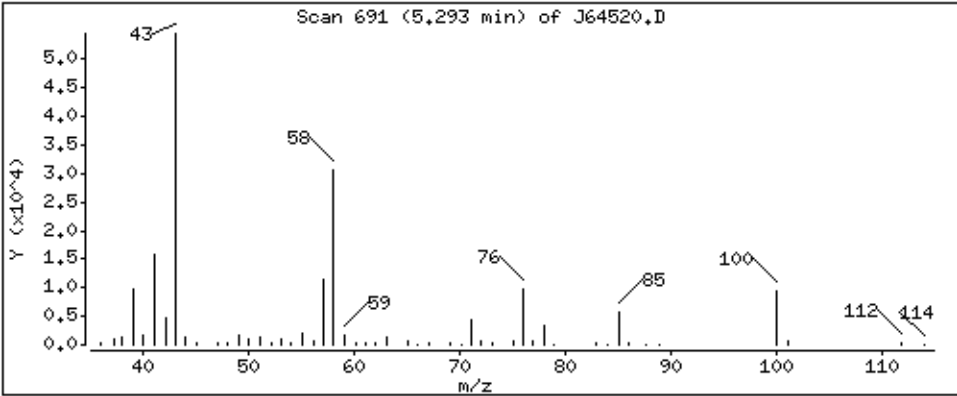
77 Tetrachloroethene Concentration: 46.8 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
78 1,3-Dichloropropane
Concentration: 49.9 ug/L
Review Code:

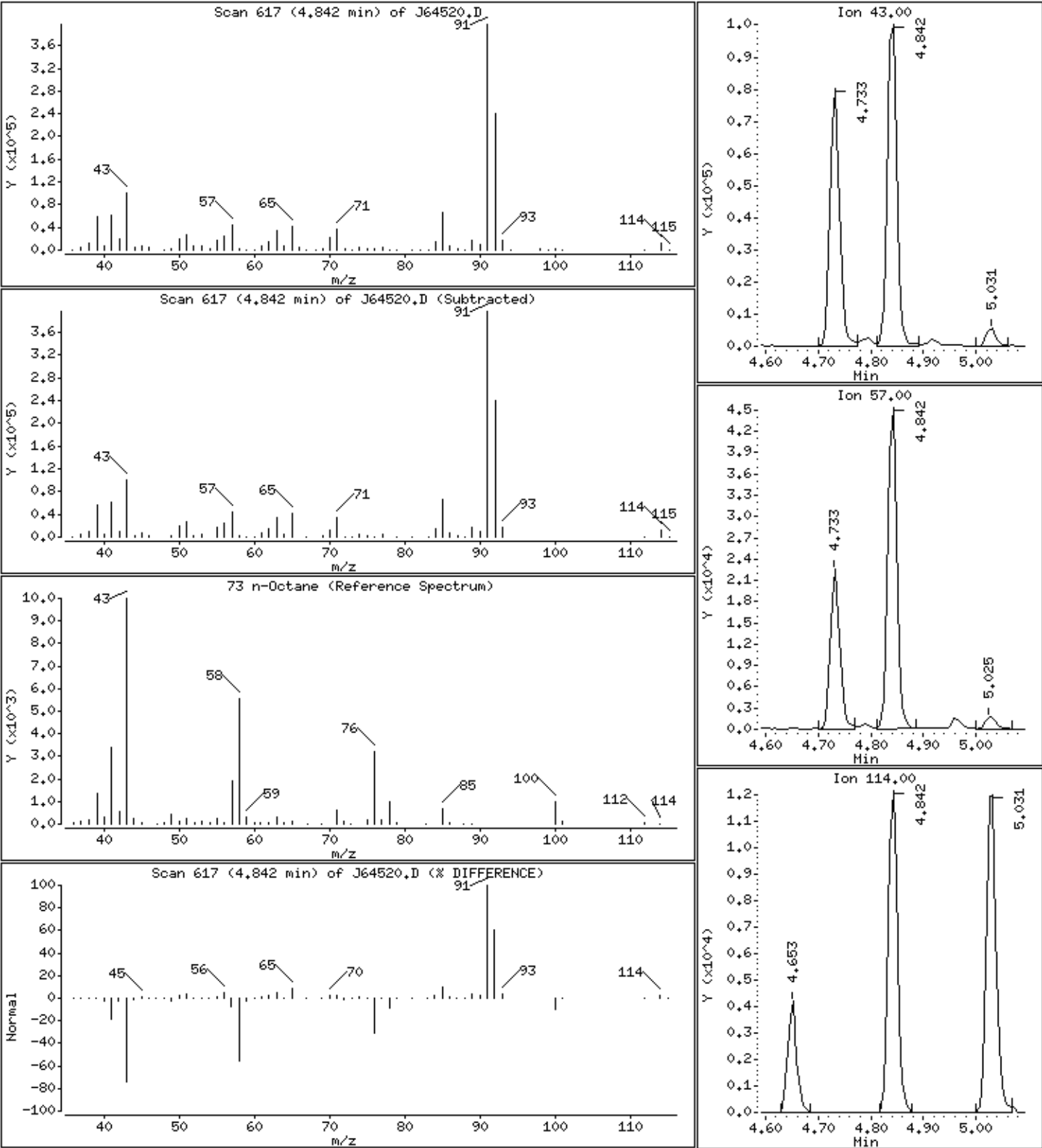


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 37.5 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

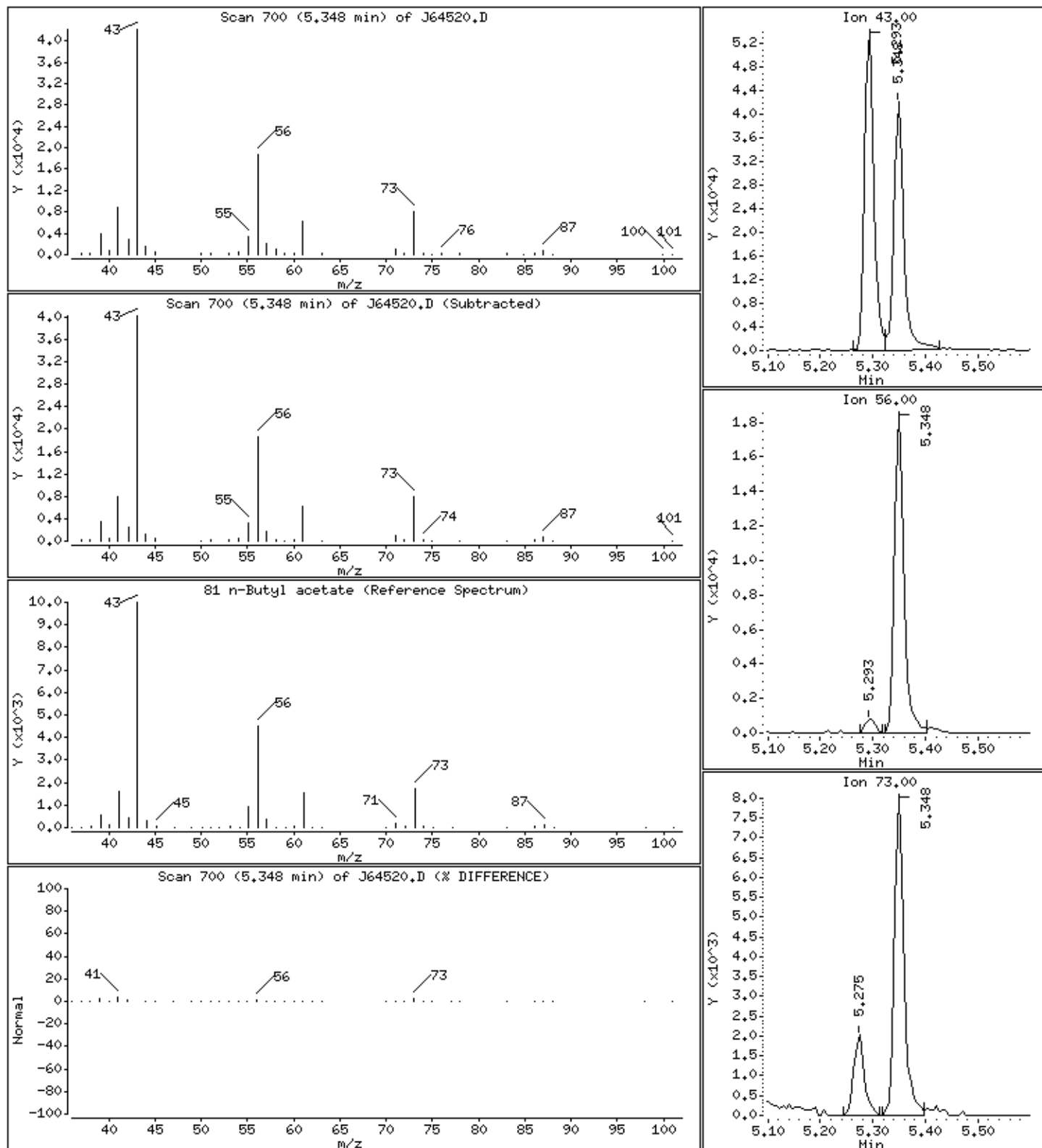


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

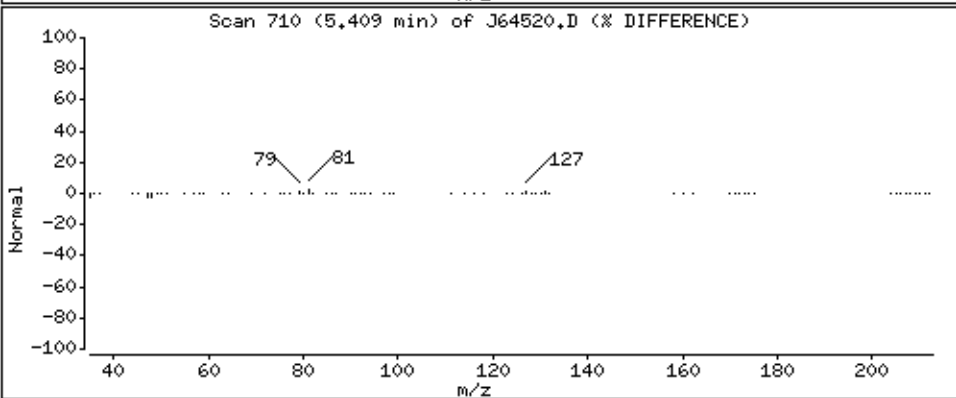
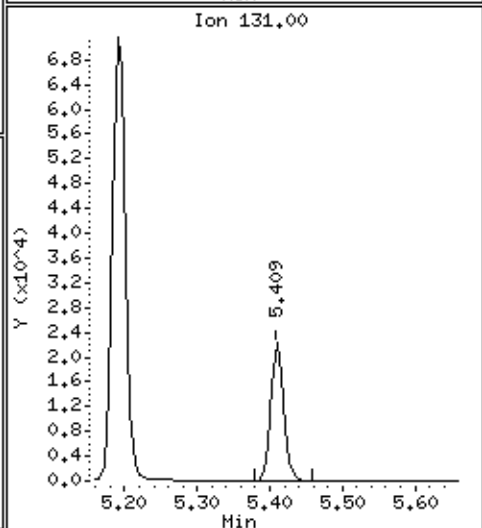
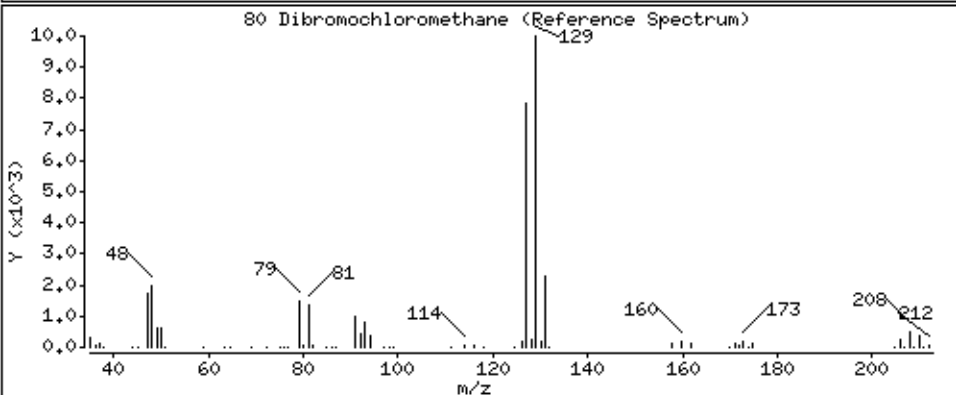
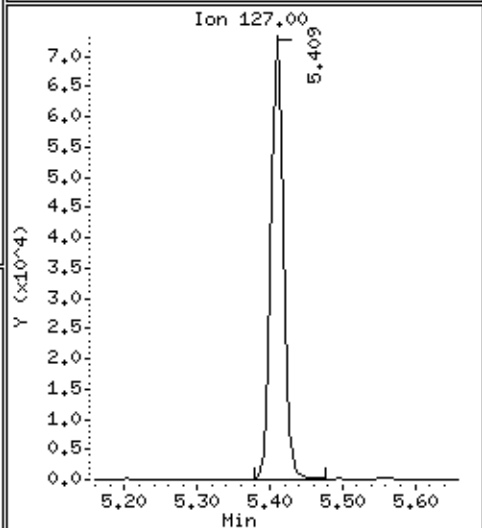
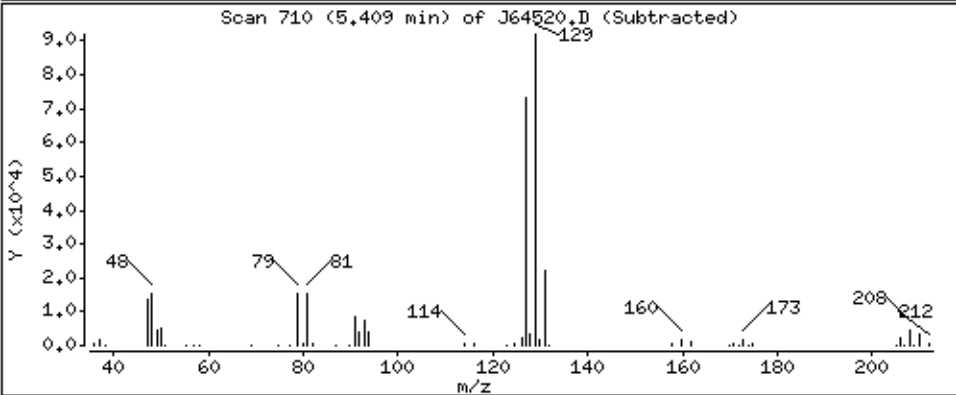
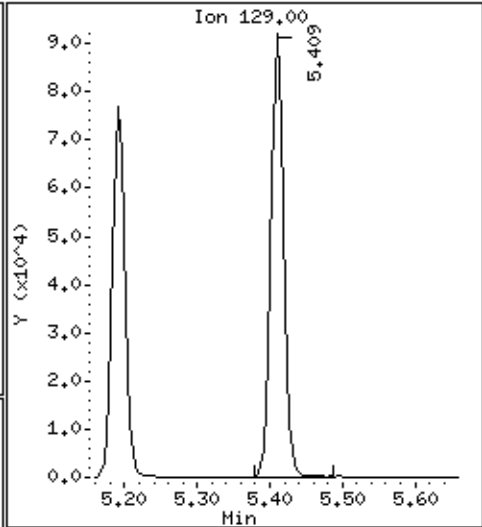
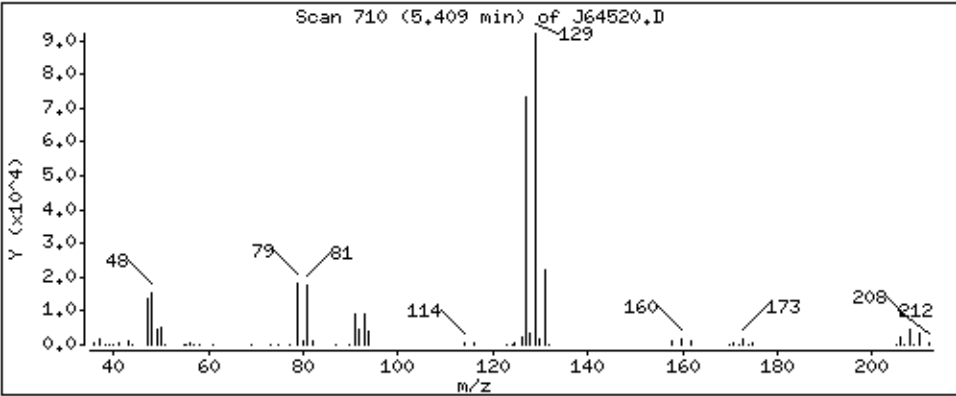
73 n-Octane Concentration: 31.7 ug/L Review Code:



Review Code:

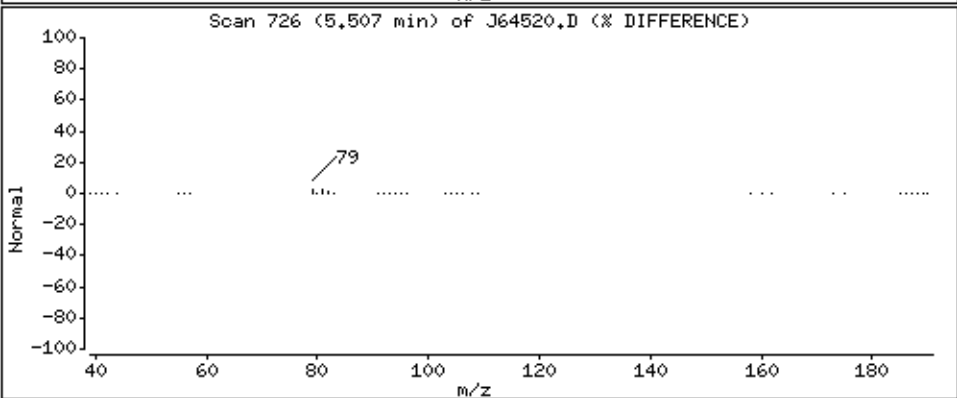
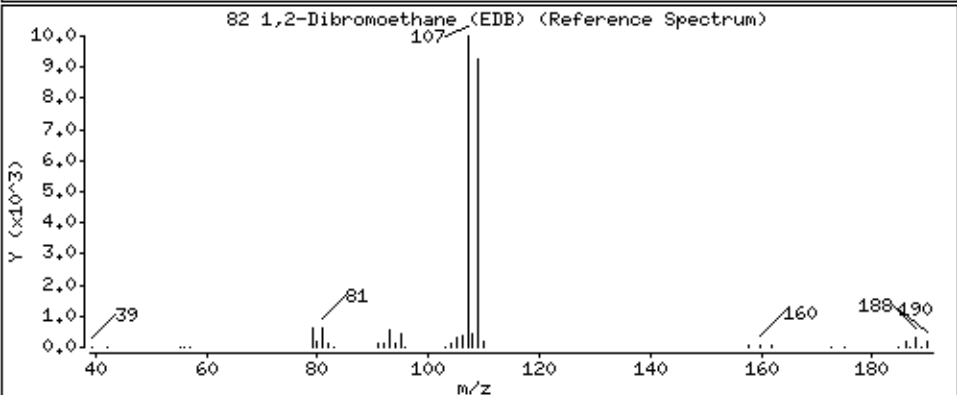
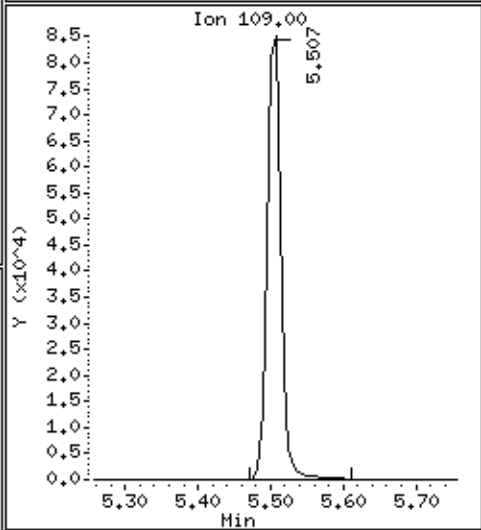
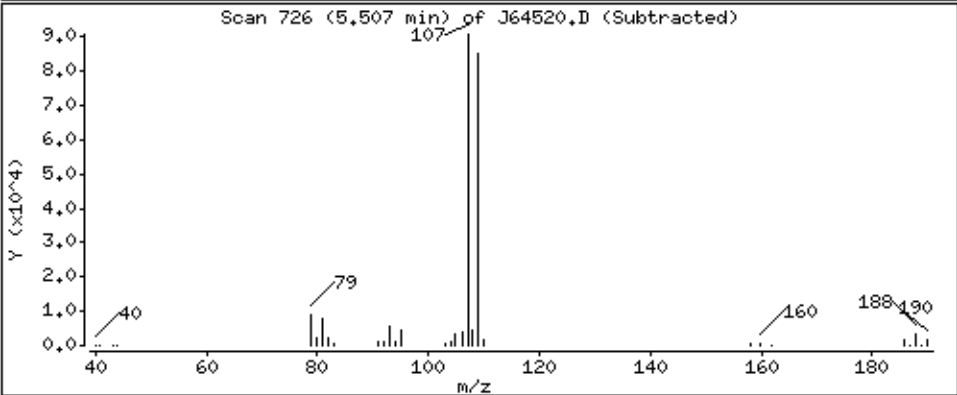
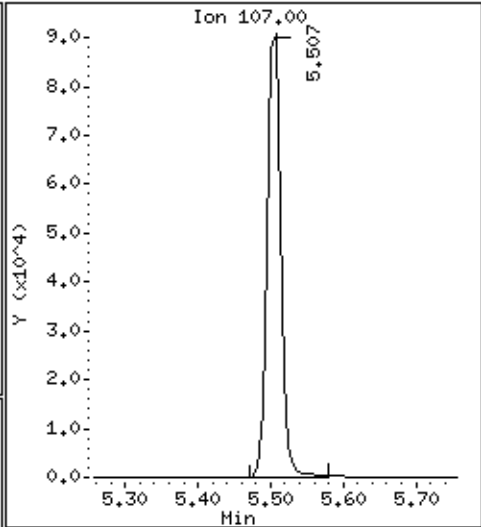
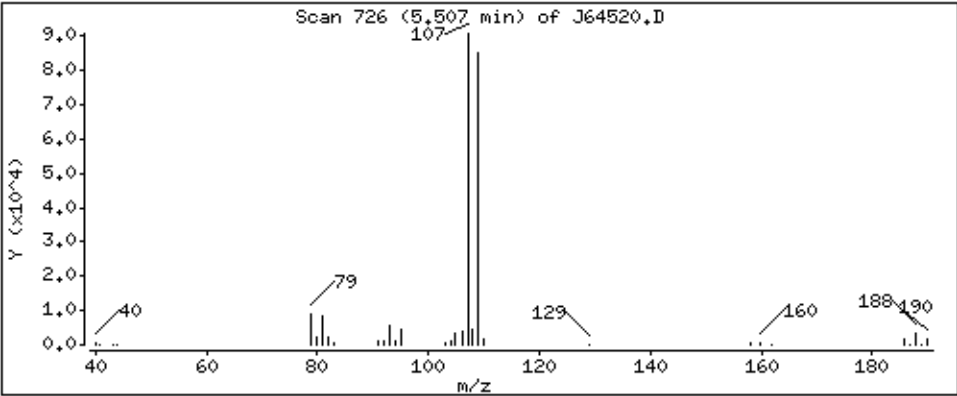


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18
80 Dibromochloromethane
Concentration: 53,4 ug/L
Review Code:



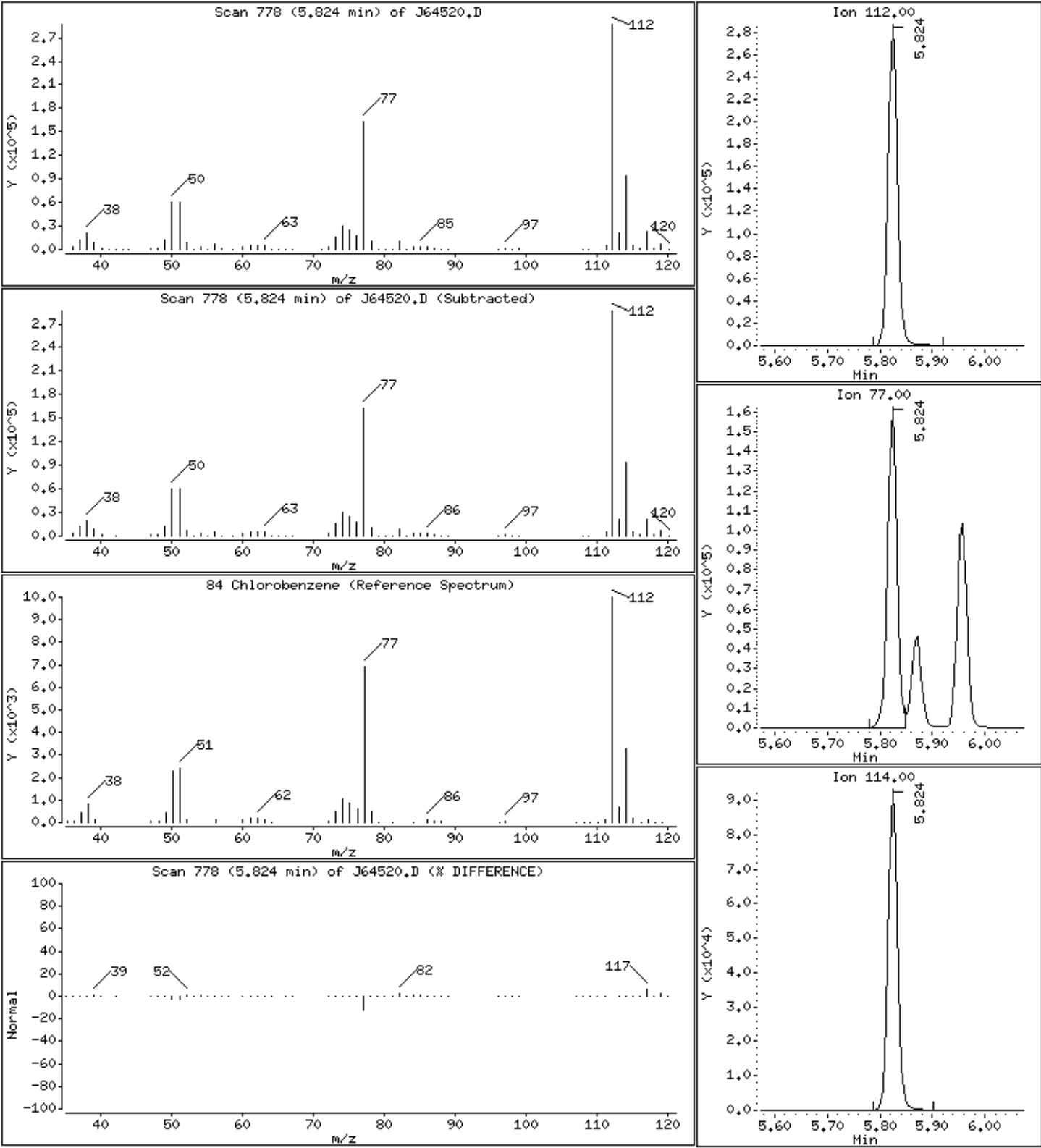
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

82 1,2-Dibromoethane (EDB) Concentration: 51.9 ug/L Review Code:



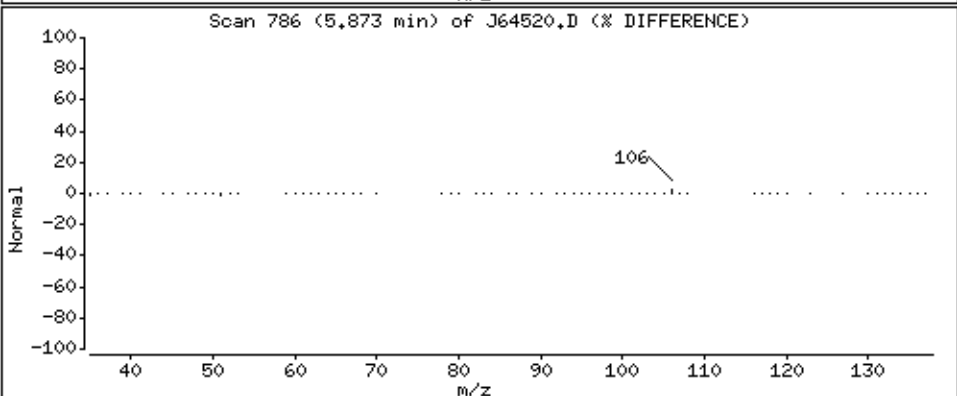
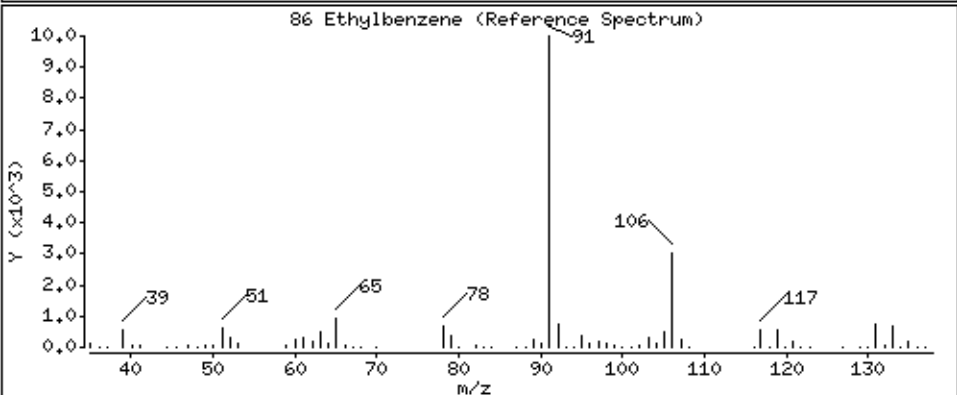
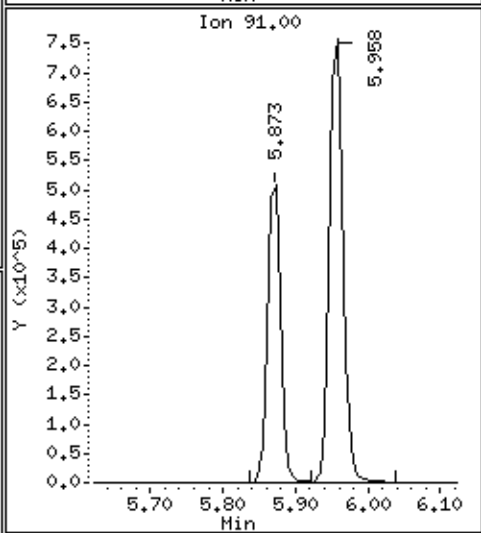
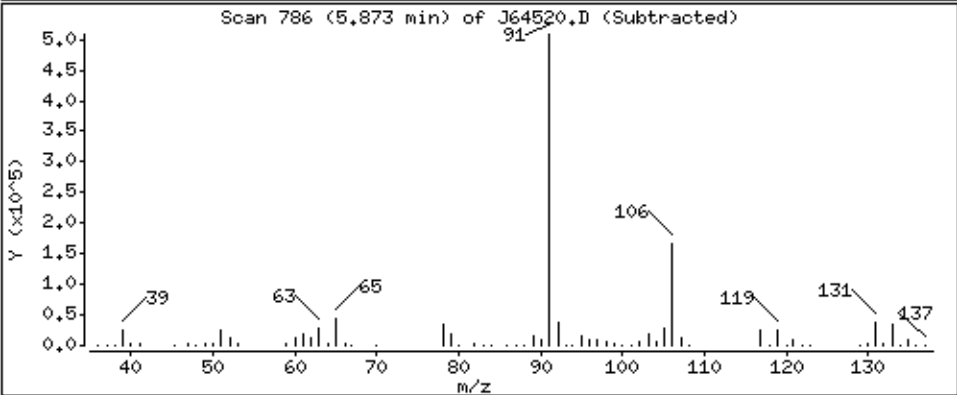
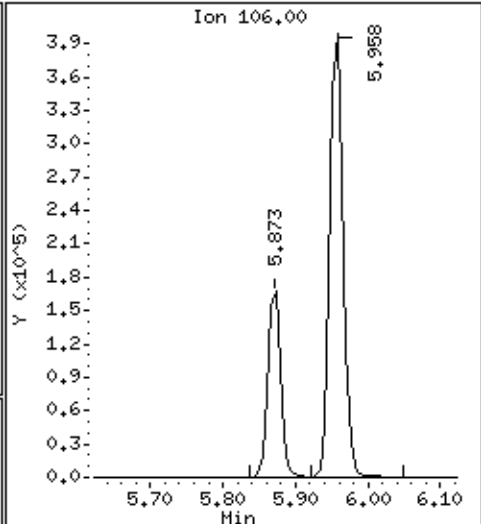
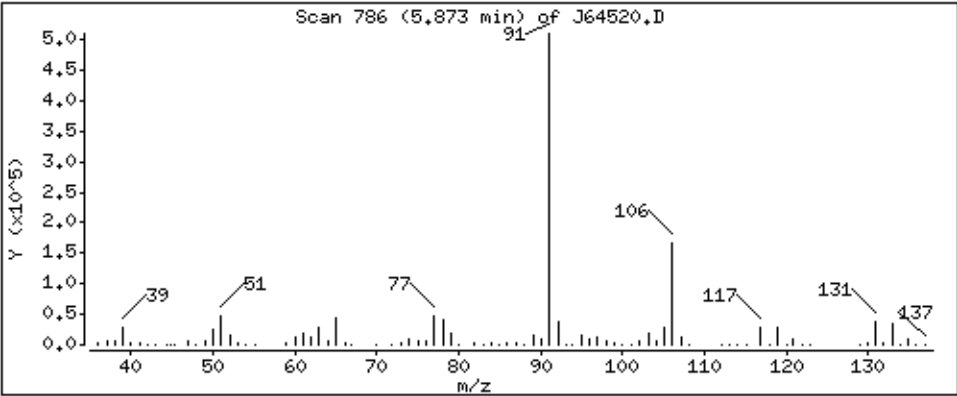
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 52.9 ug/L
Column diameter: 0.18

84 Chlorobenzene
Concentration: 52.9 ug/L
Review Code:

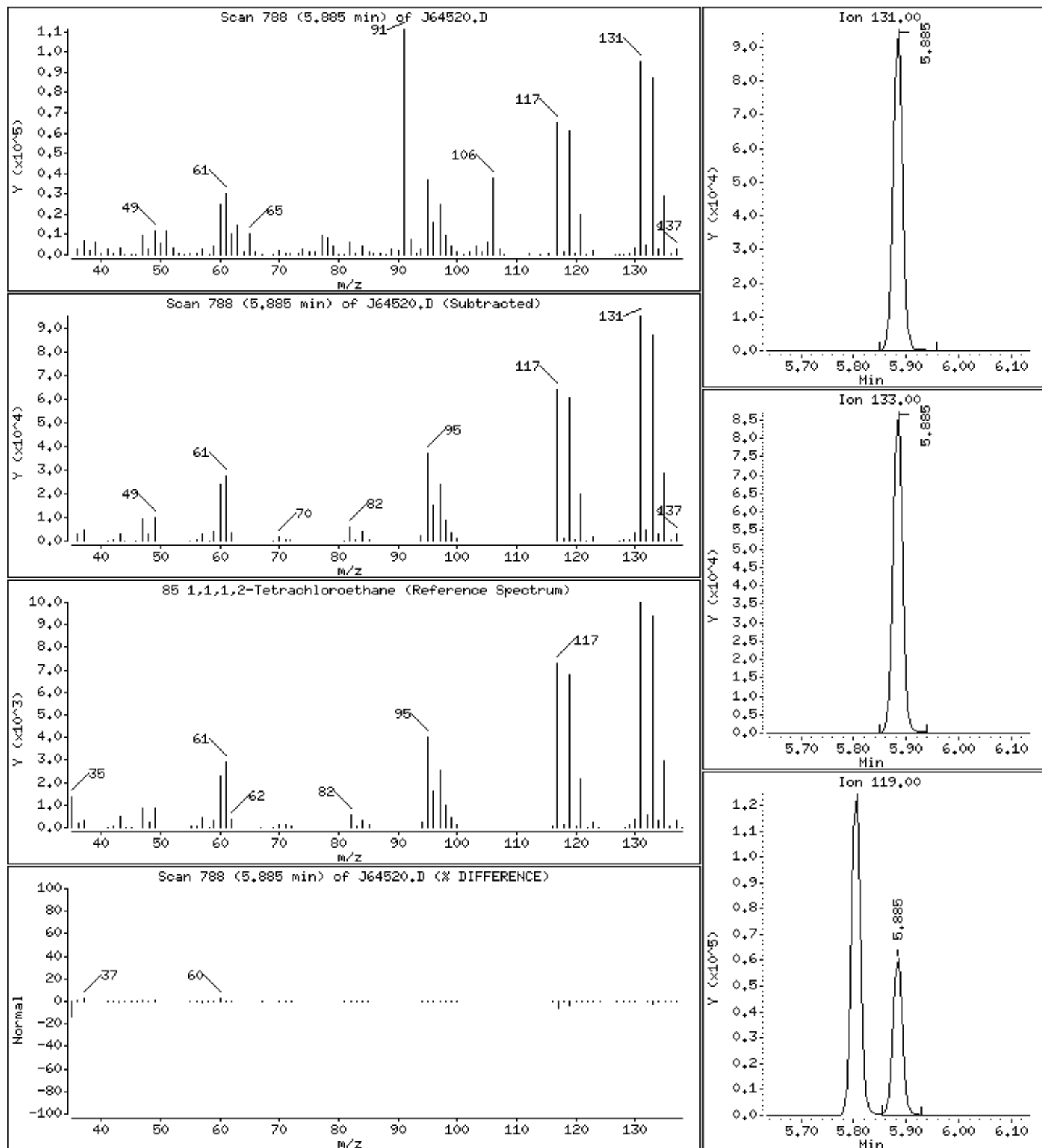


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

86 Ethylbenzene Concentration: 51.7 ug/L Review Code:

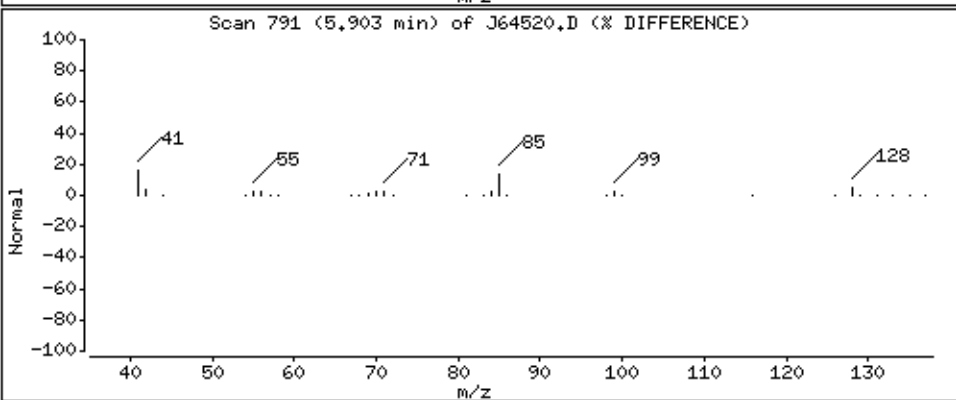
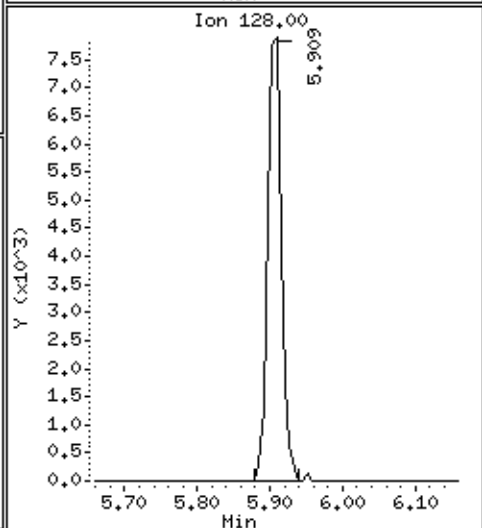
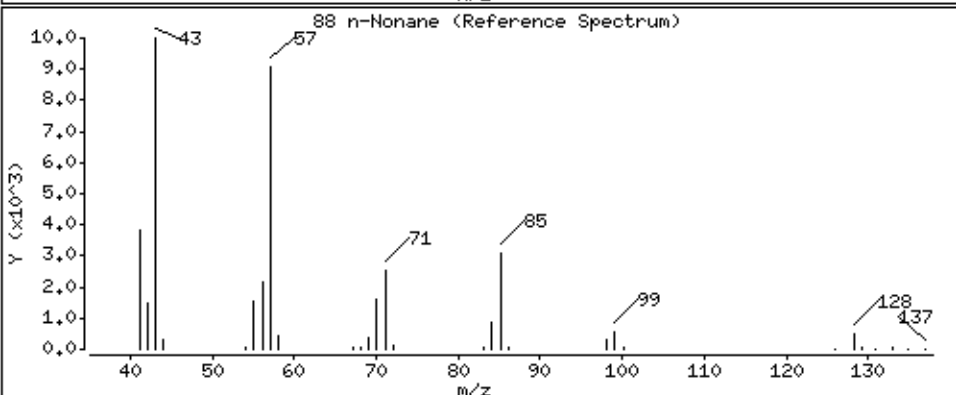
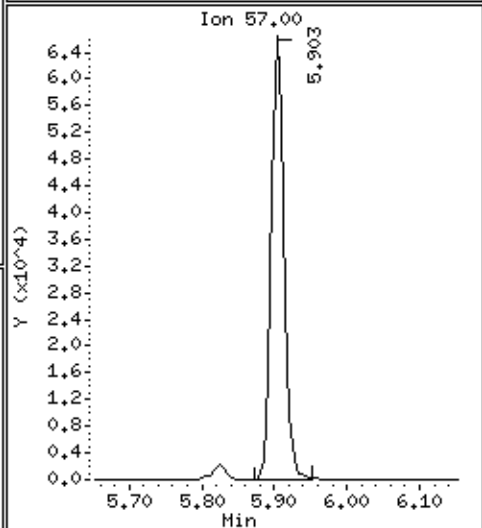
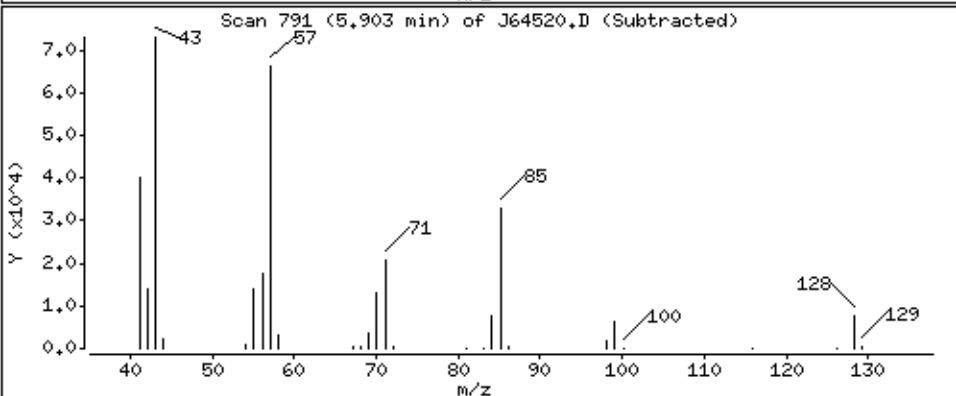
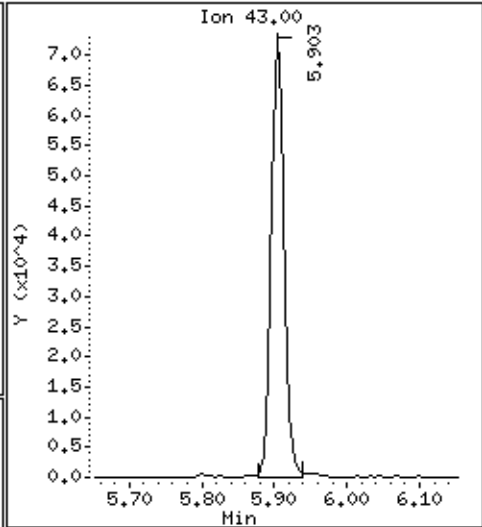
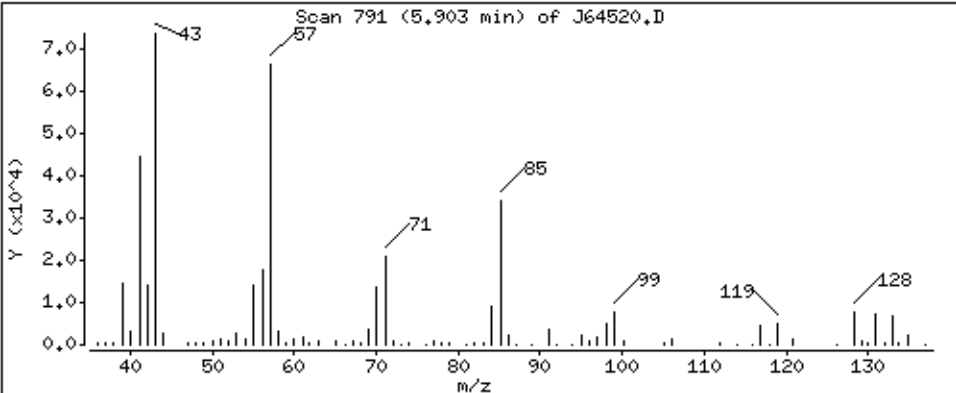


Review Code:

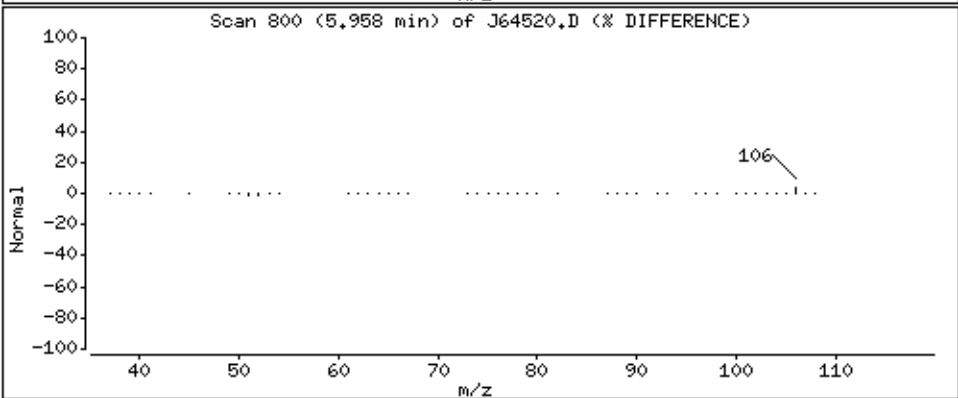
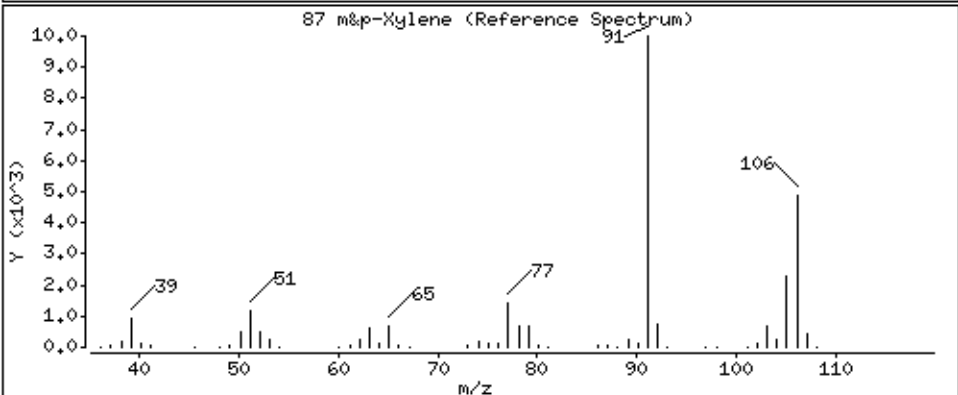
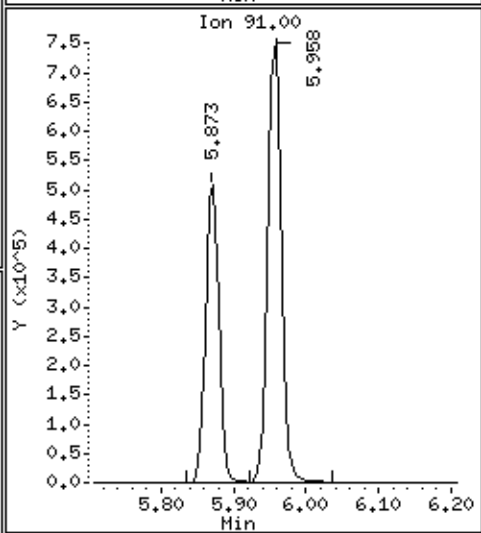
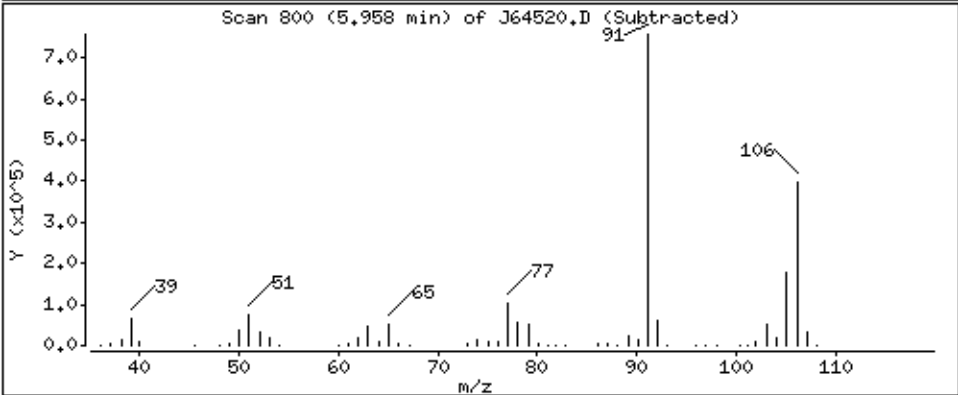
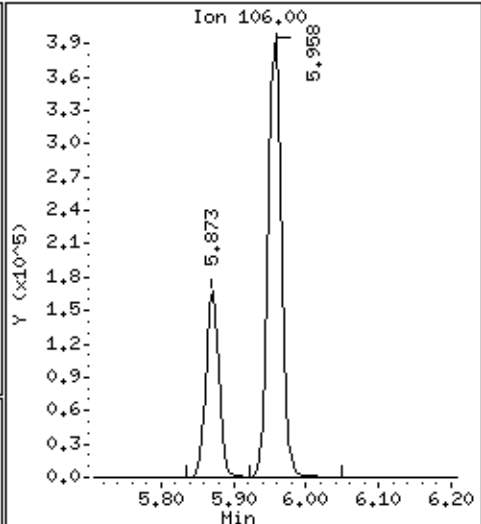
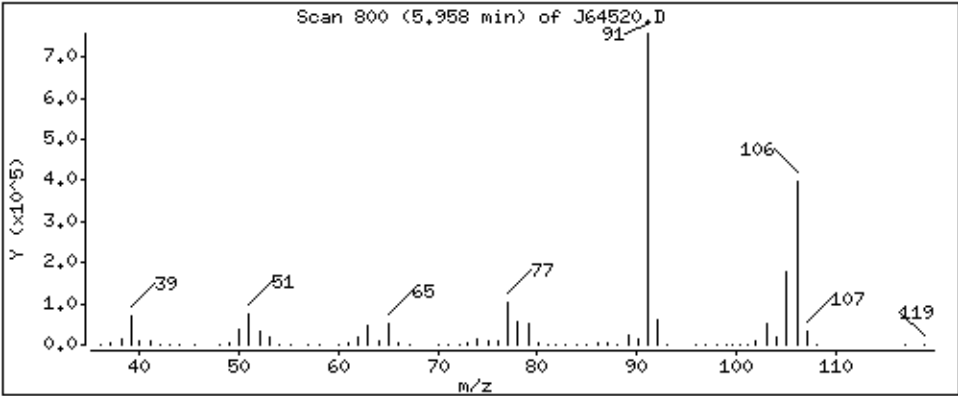


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

88 n-Nonane Concentration: 33,8 ug/L Review Code:

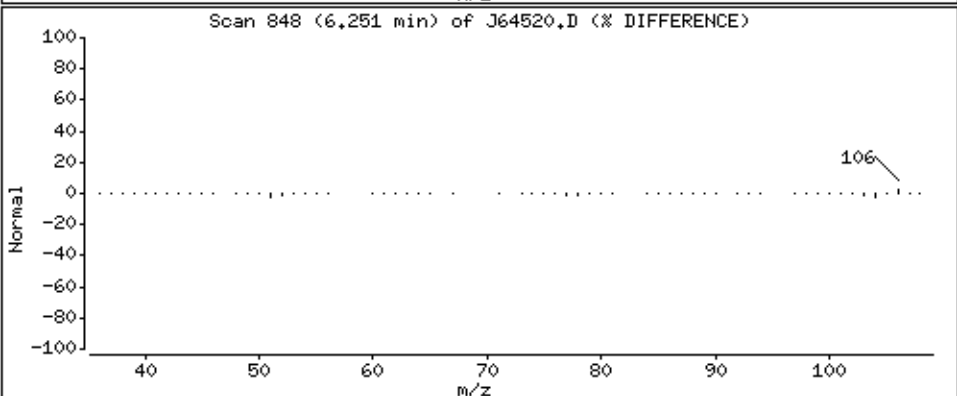
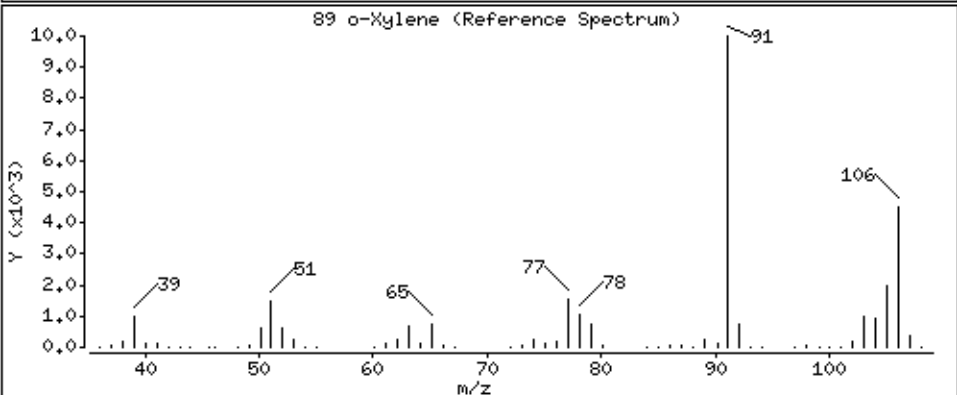
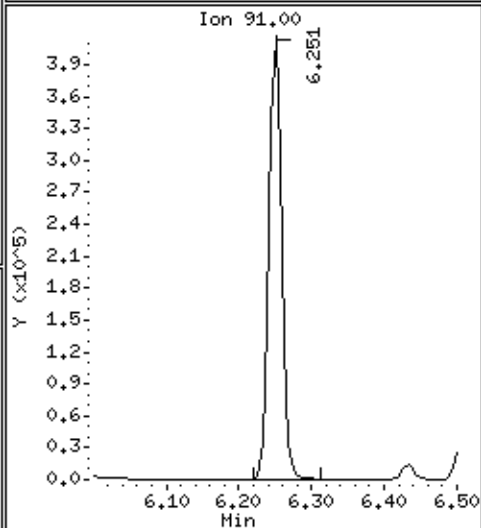
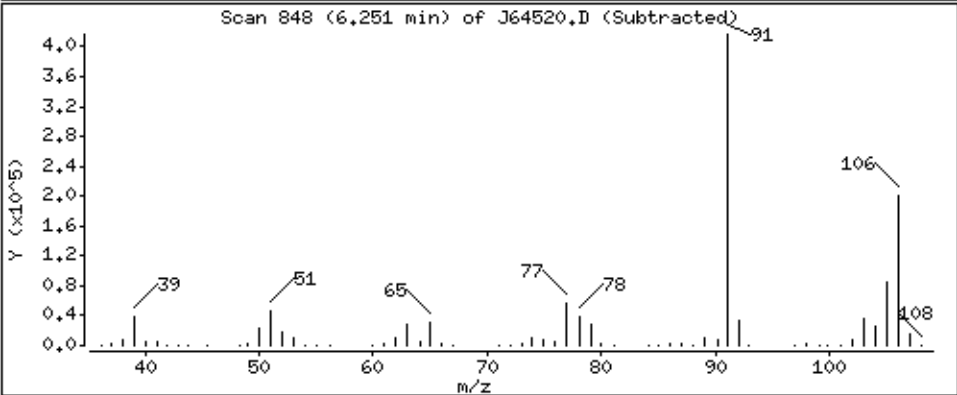
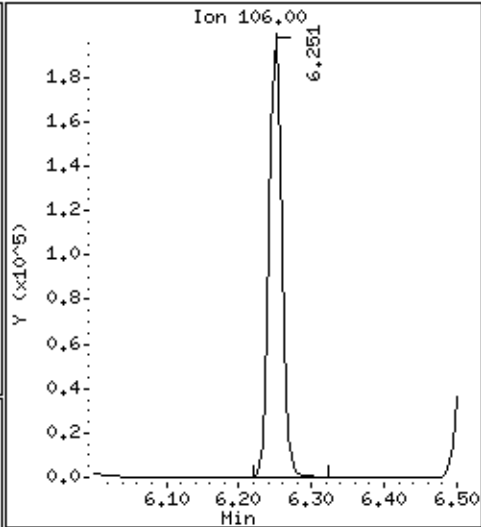
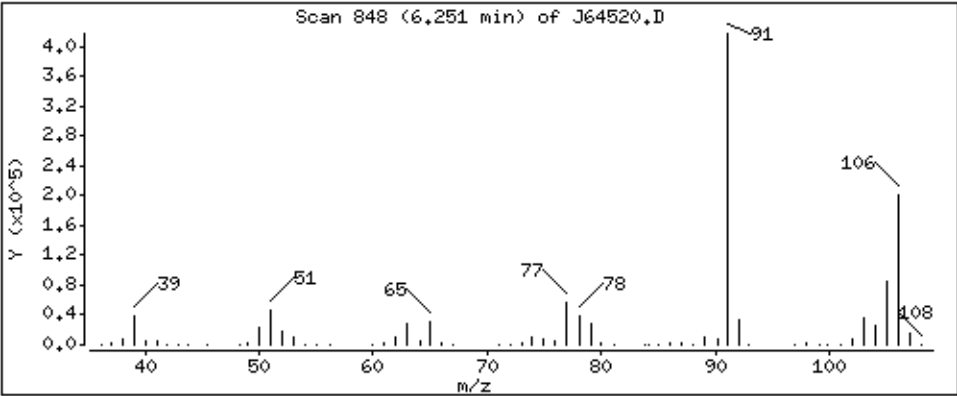


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 105 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



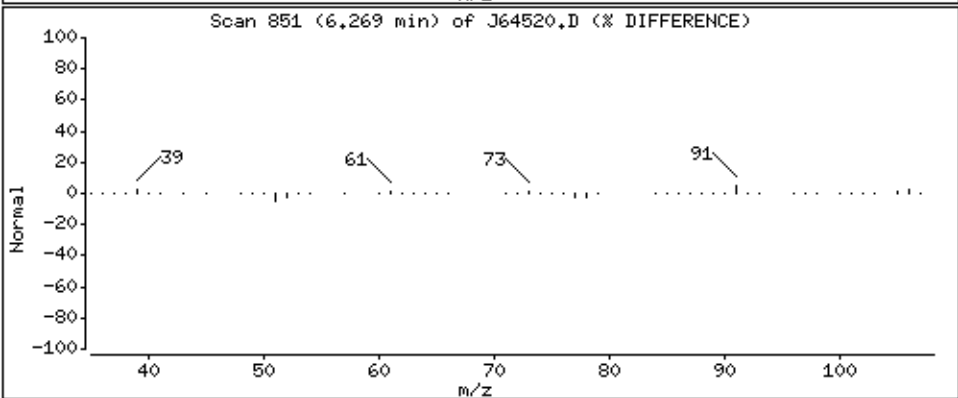
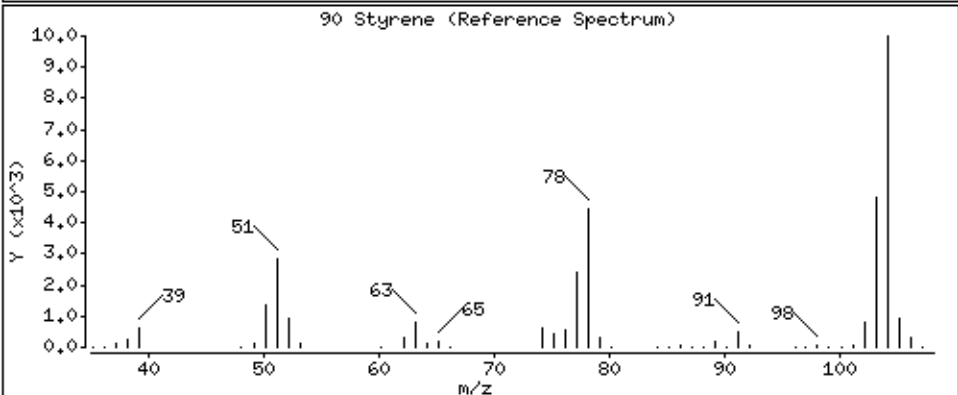
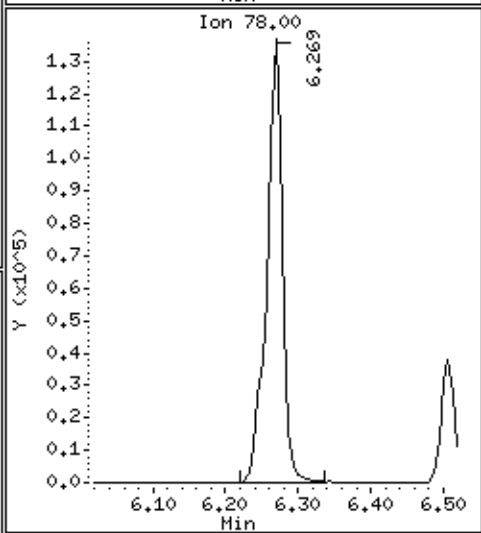
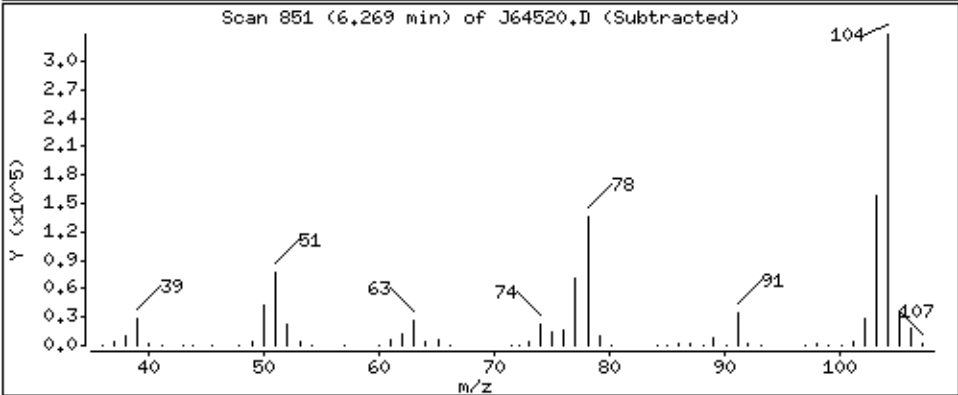
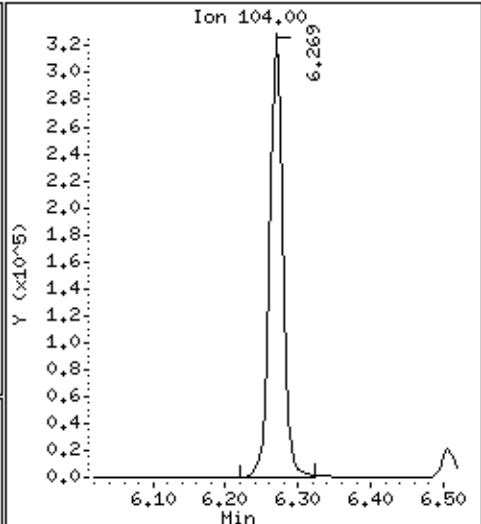
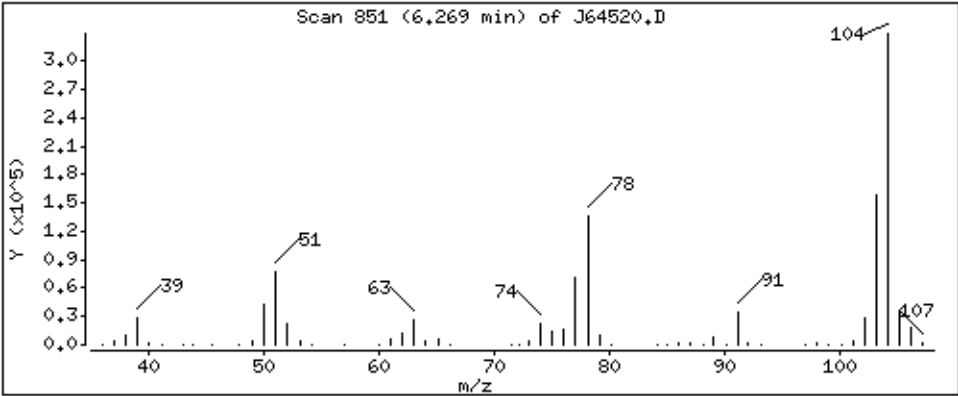
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

89 o-Xylene Concentration: 51.5 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

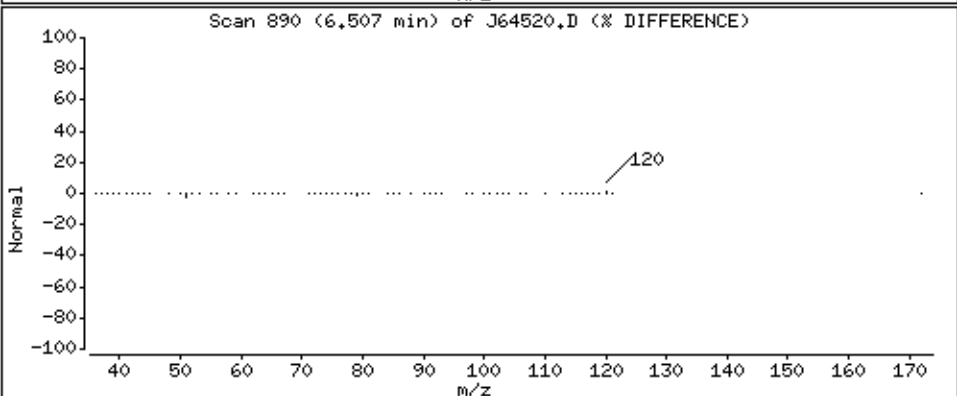
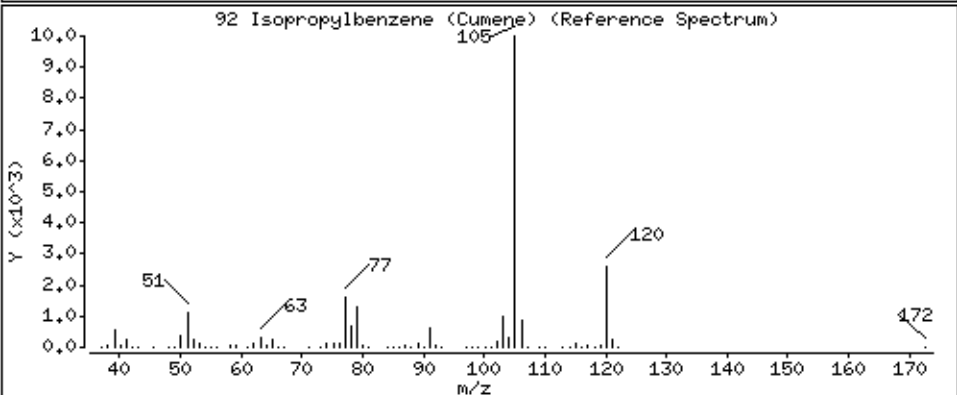
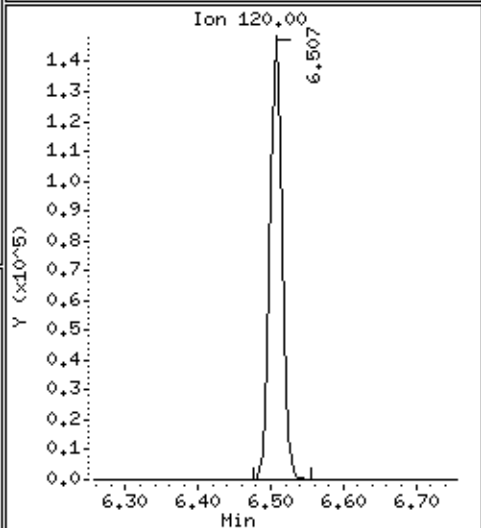
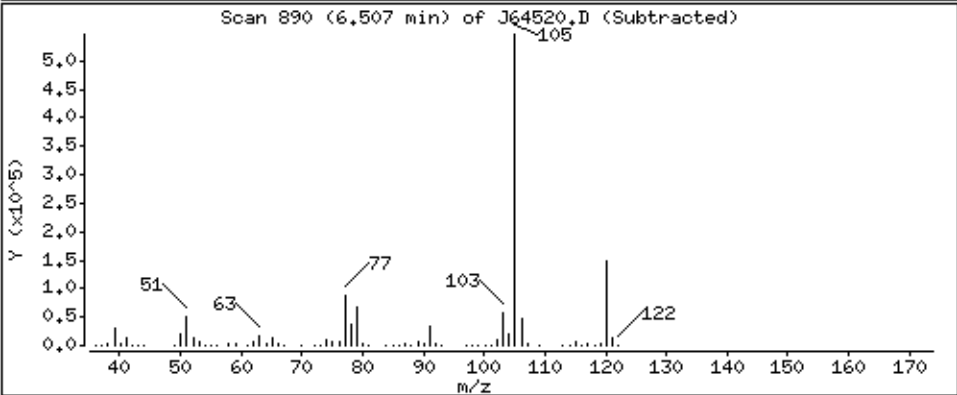
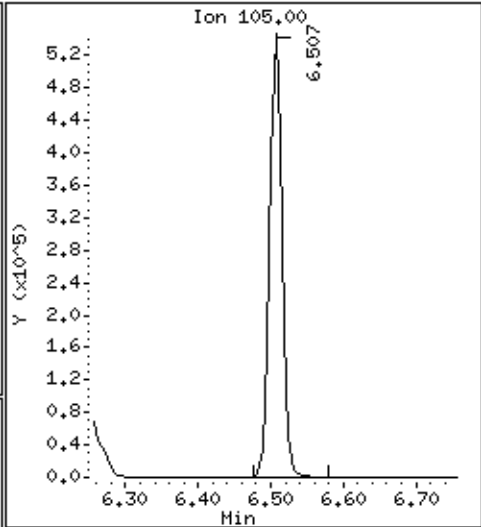
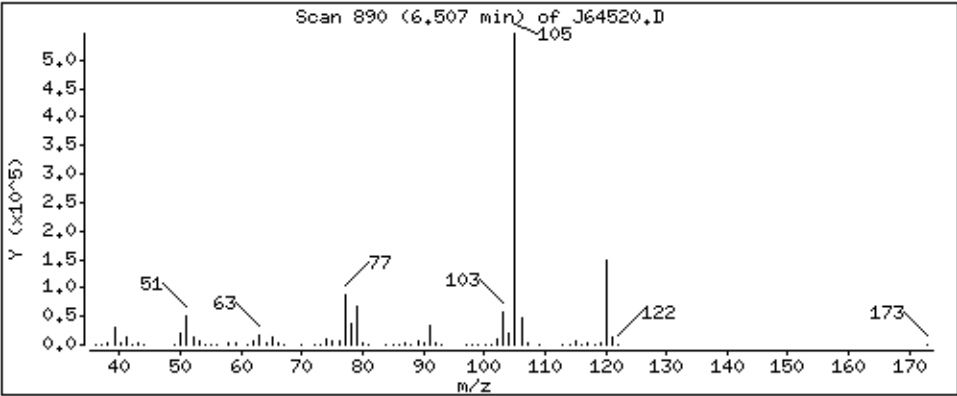
90 Styrene Concentration: 53,3 ug/L Review Code:



Review Code:

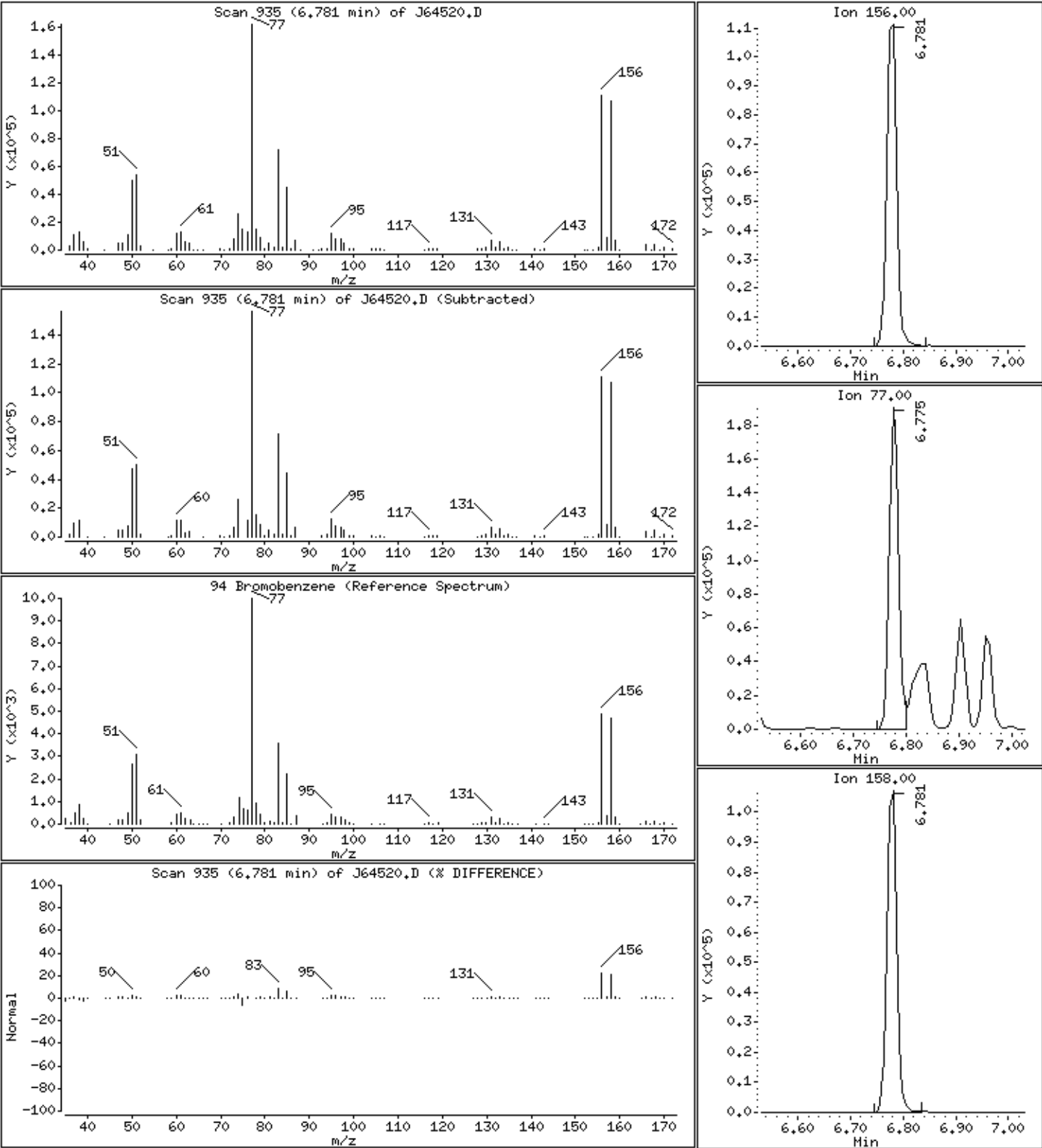
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

92 Isopropylbenzene (Cumene) Concentration: 49.0 ug/L Review Code:

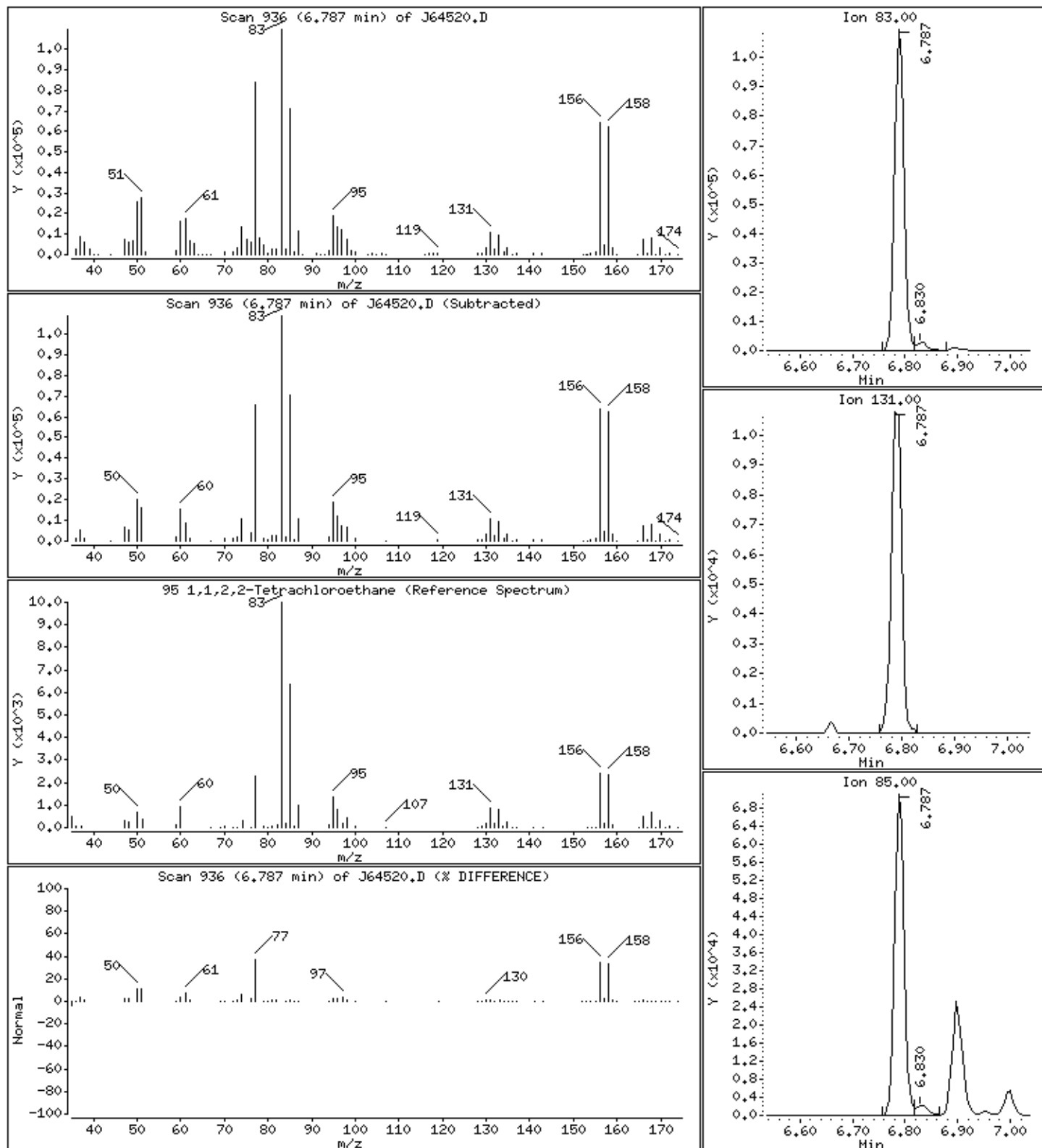


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

94 Bromobenzene
Concentration: 51.0 ug/L
Review Code:

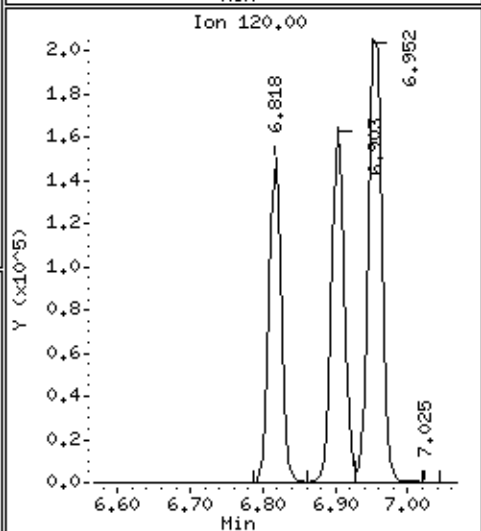
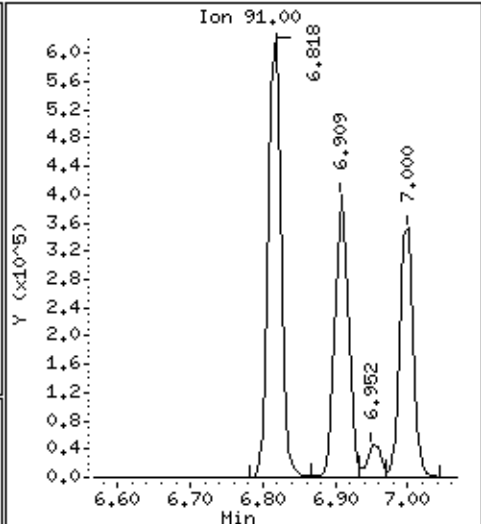
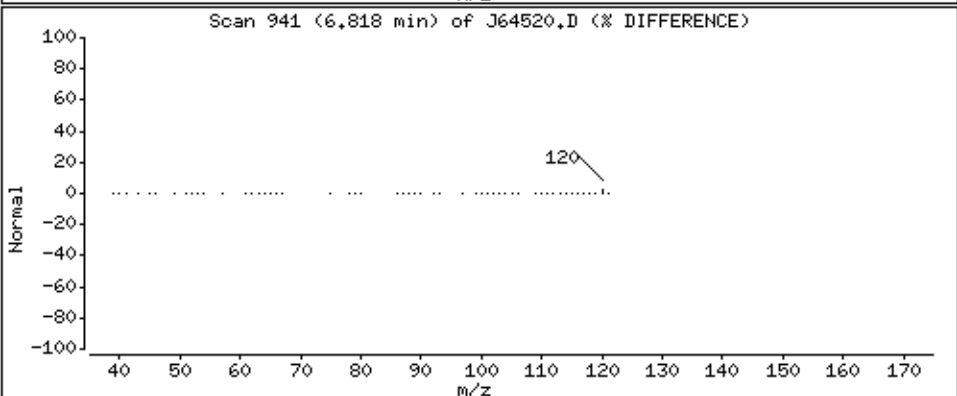
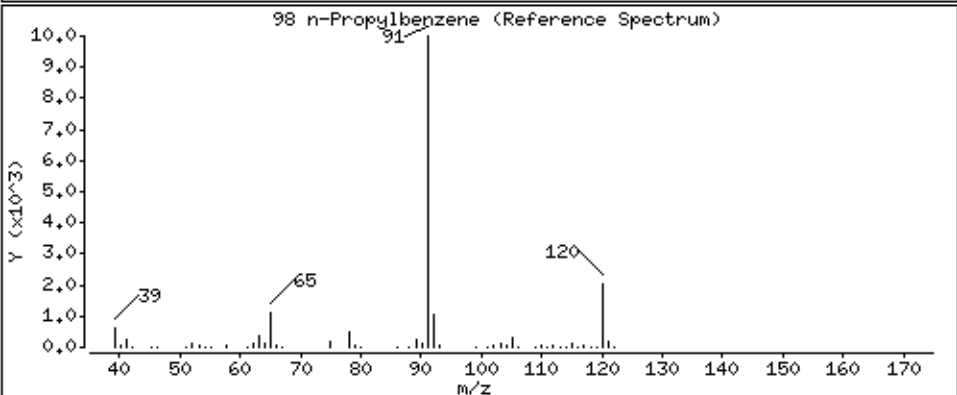
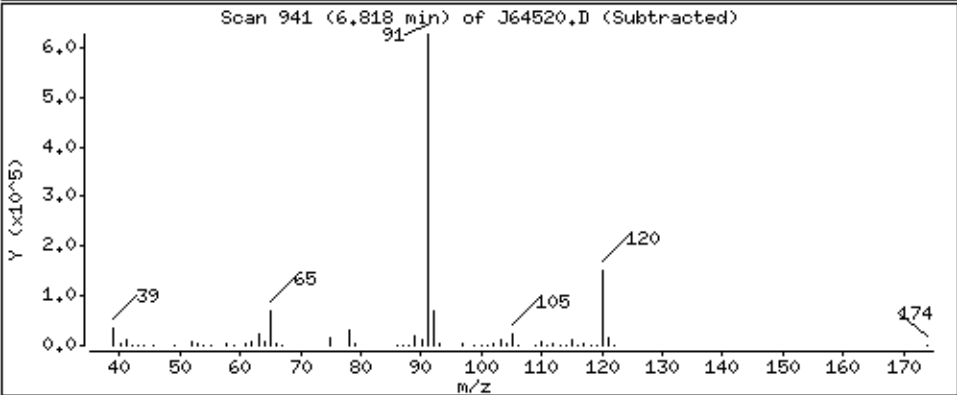
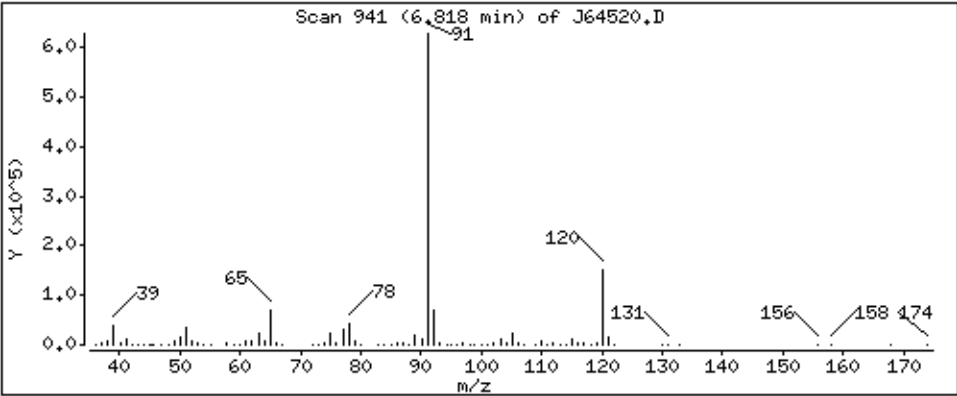


Review Code:

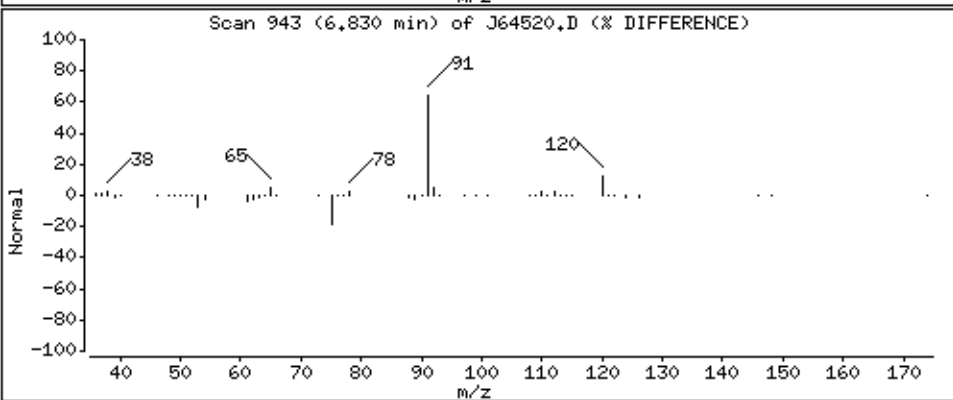
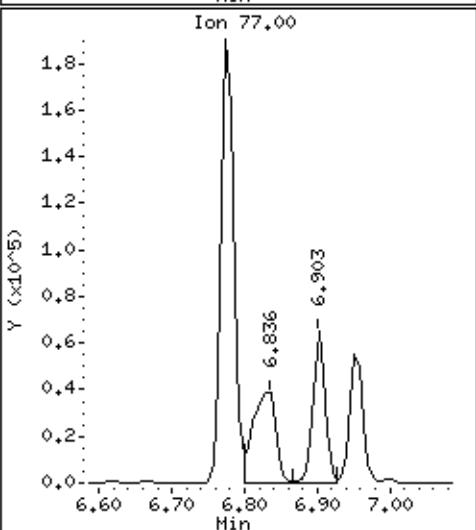
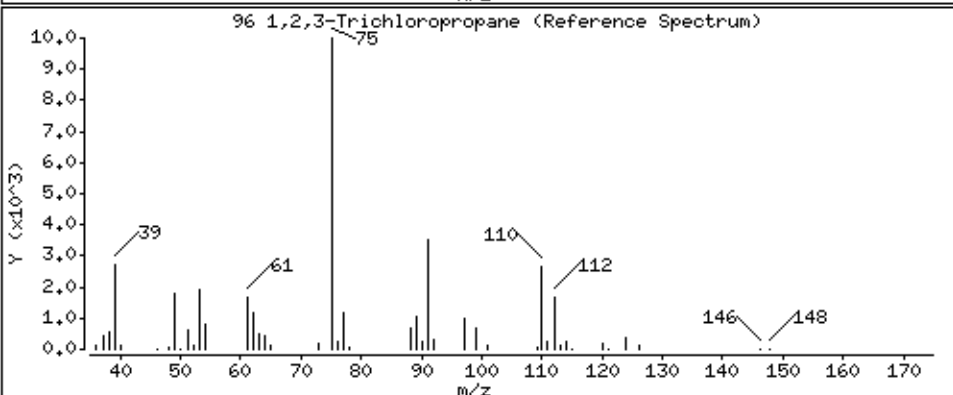
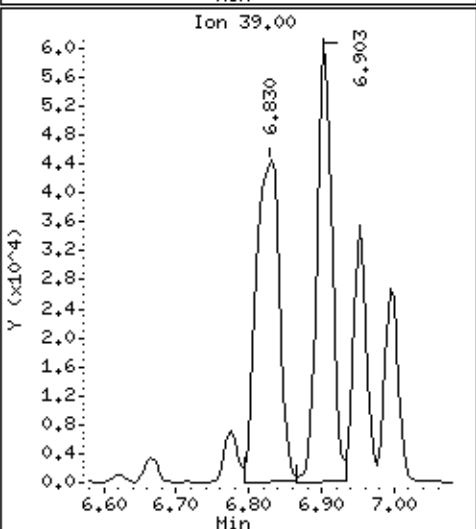
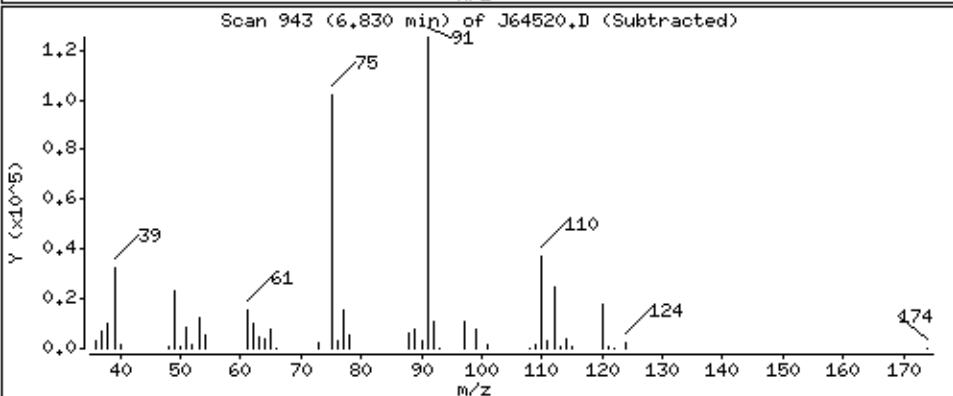
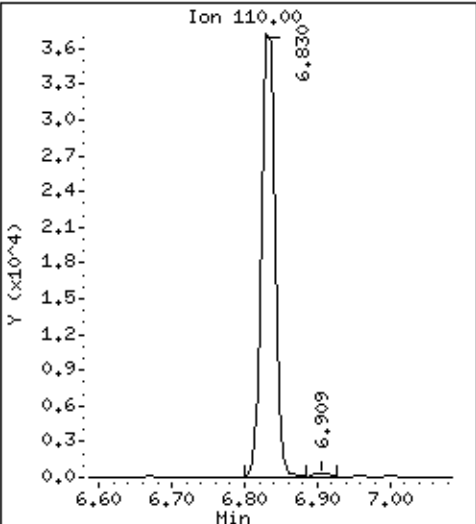
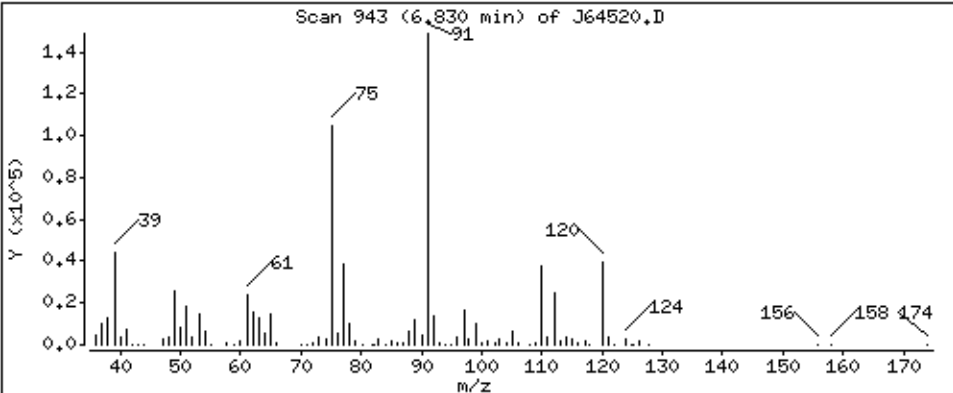


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

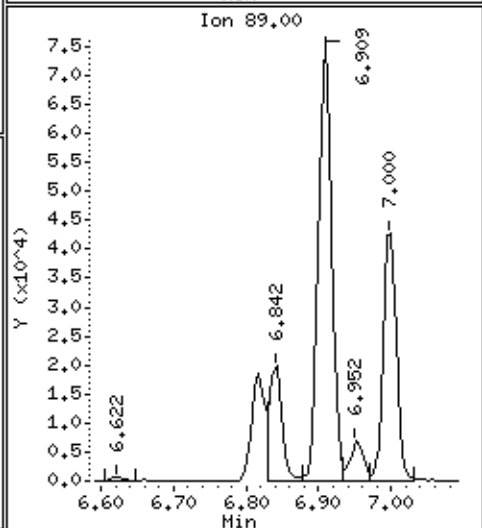
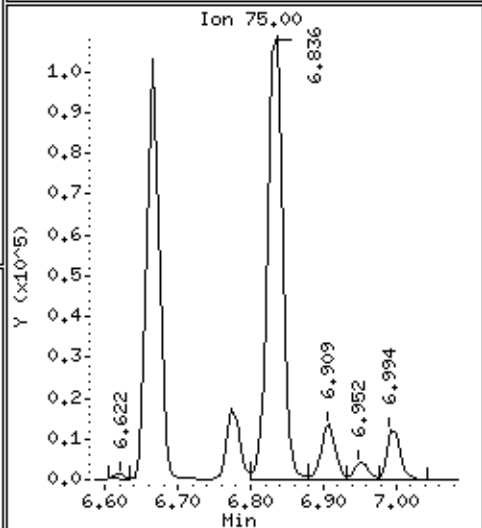
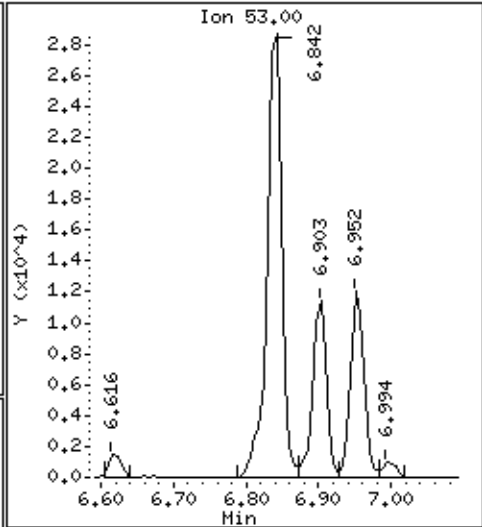
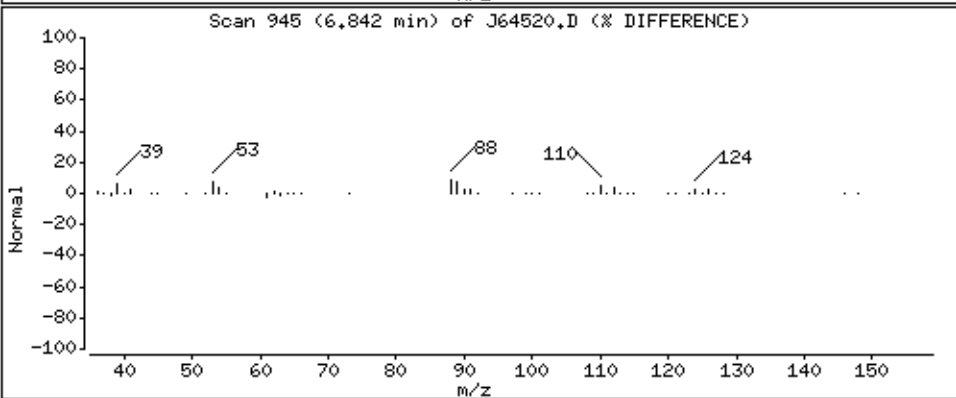
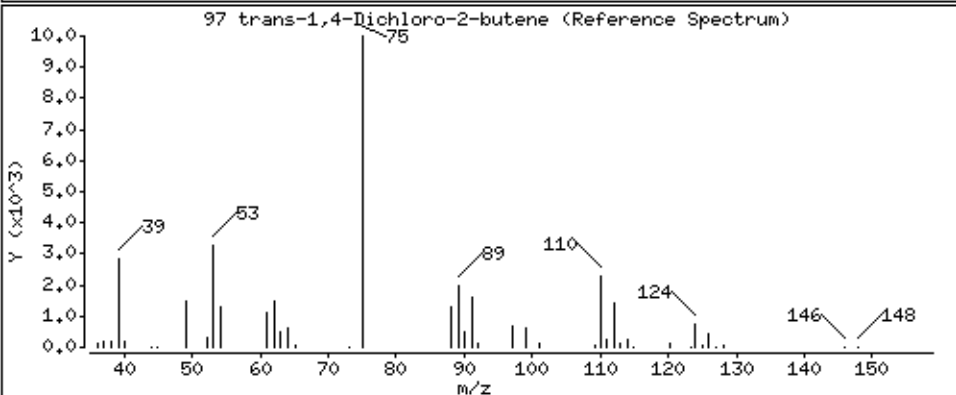
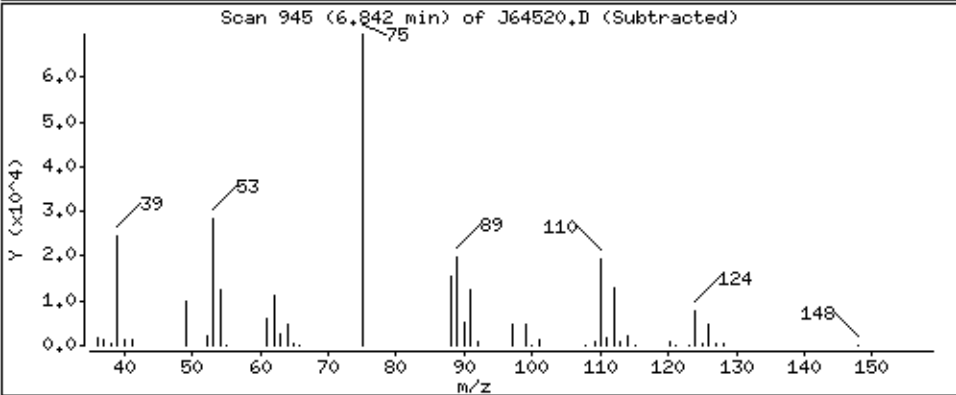
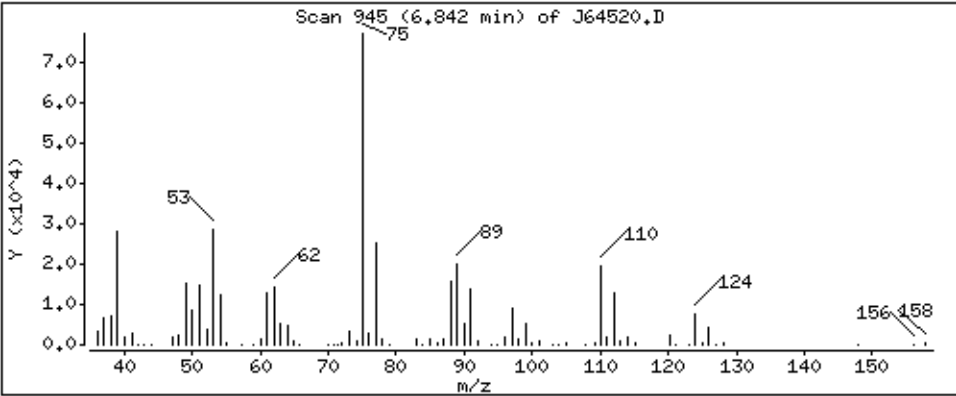
98 n-Propylbenzene Concentration: 50,1 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18
96 1,2,3-Trichloropropane
Concentration: 47,9 ug/L
Review Code:

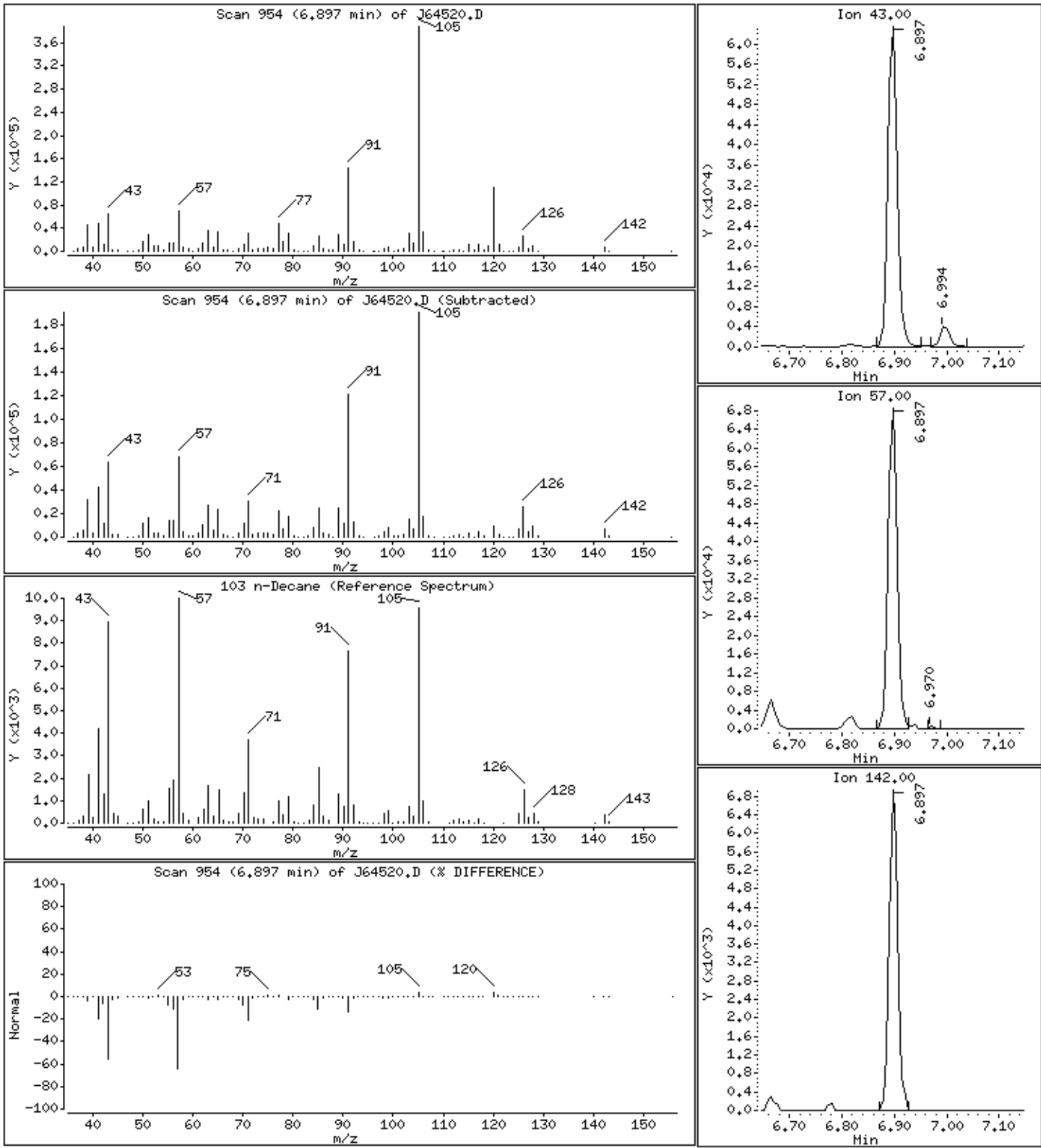


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18
97 trans-1,4-Dichloro-2-butene
Concentration: 47,4 ug/L
Review Code:

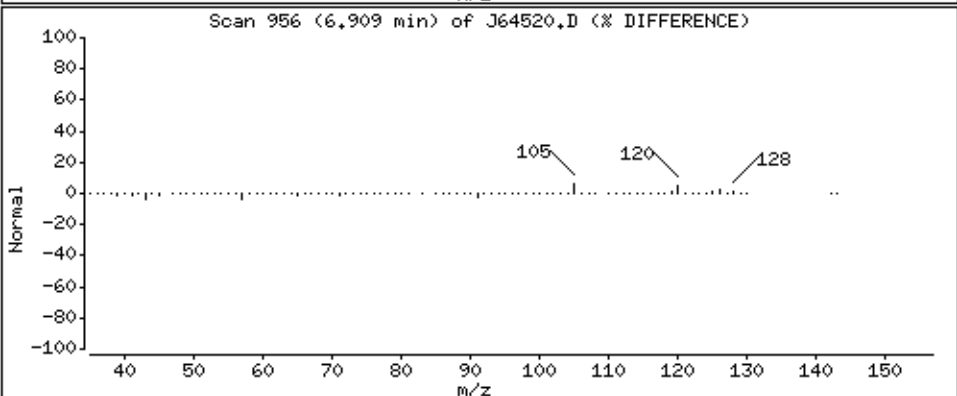
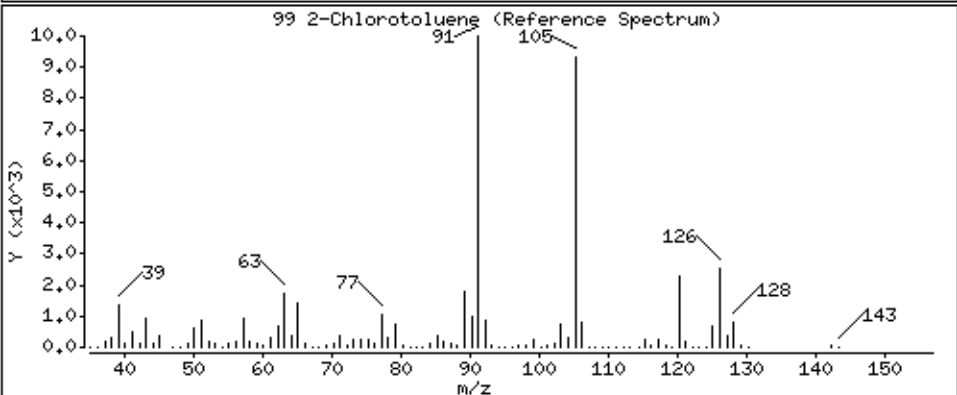
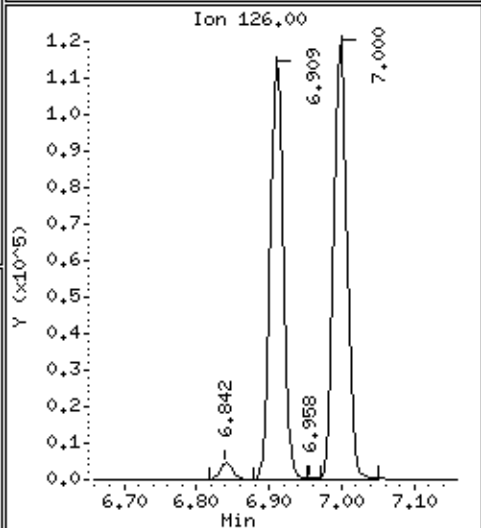
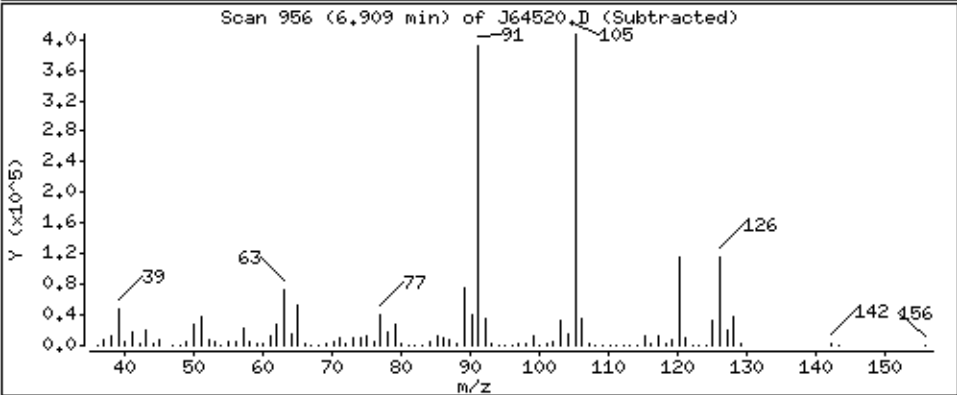
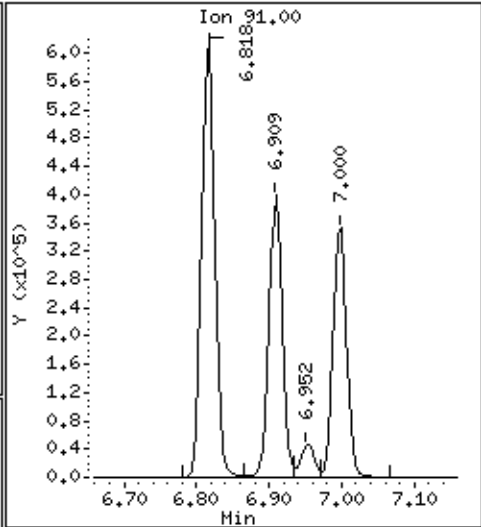
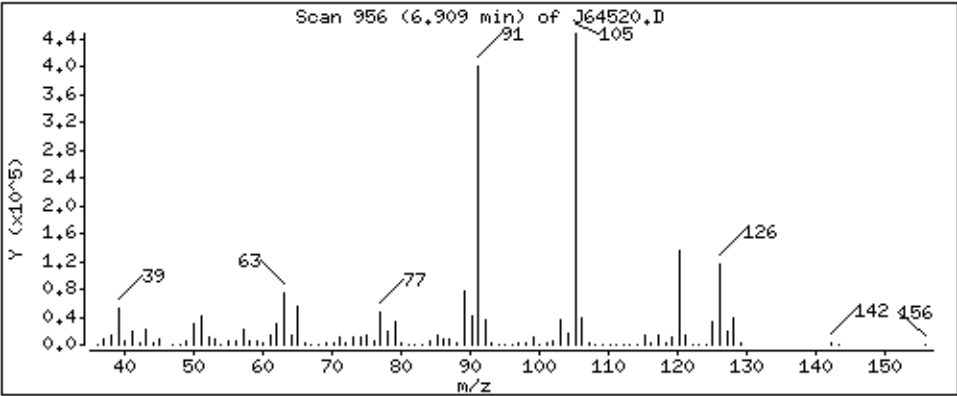


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

103 n-Decane
Concentration: 40,5 ug/L
Review Code:

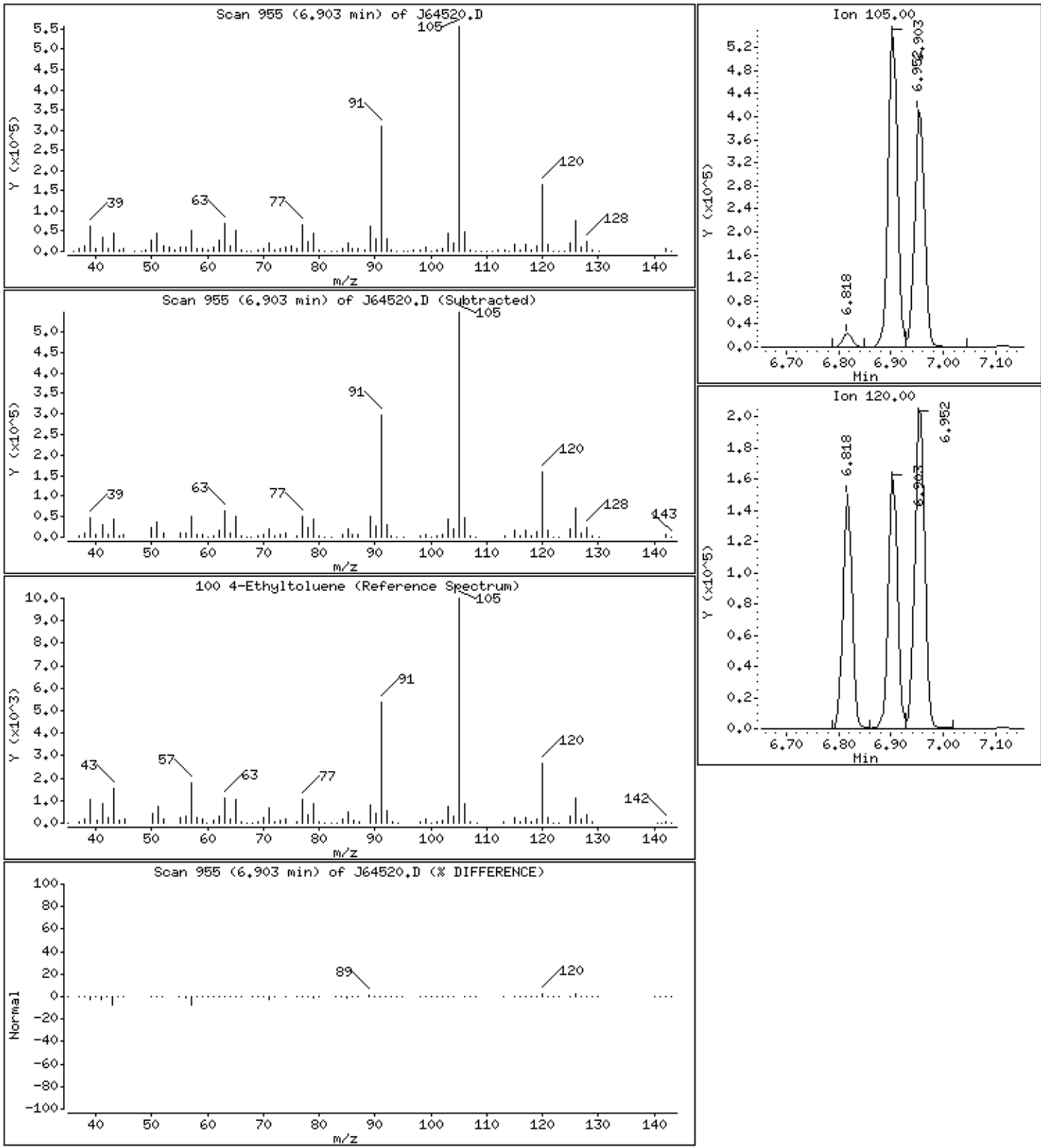


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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
99 2-Chlorotoluene
Concentration: 48.7 ug/L
Review Code:



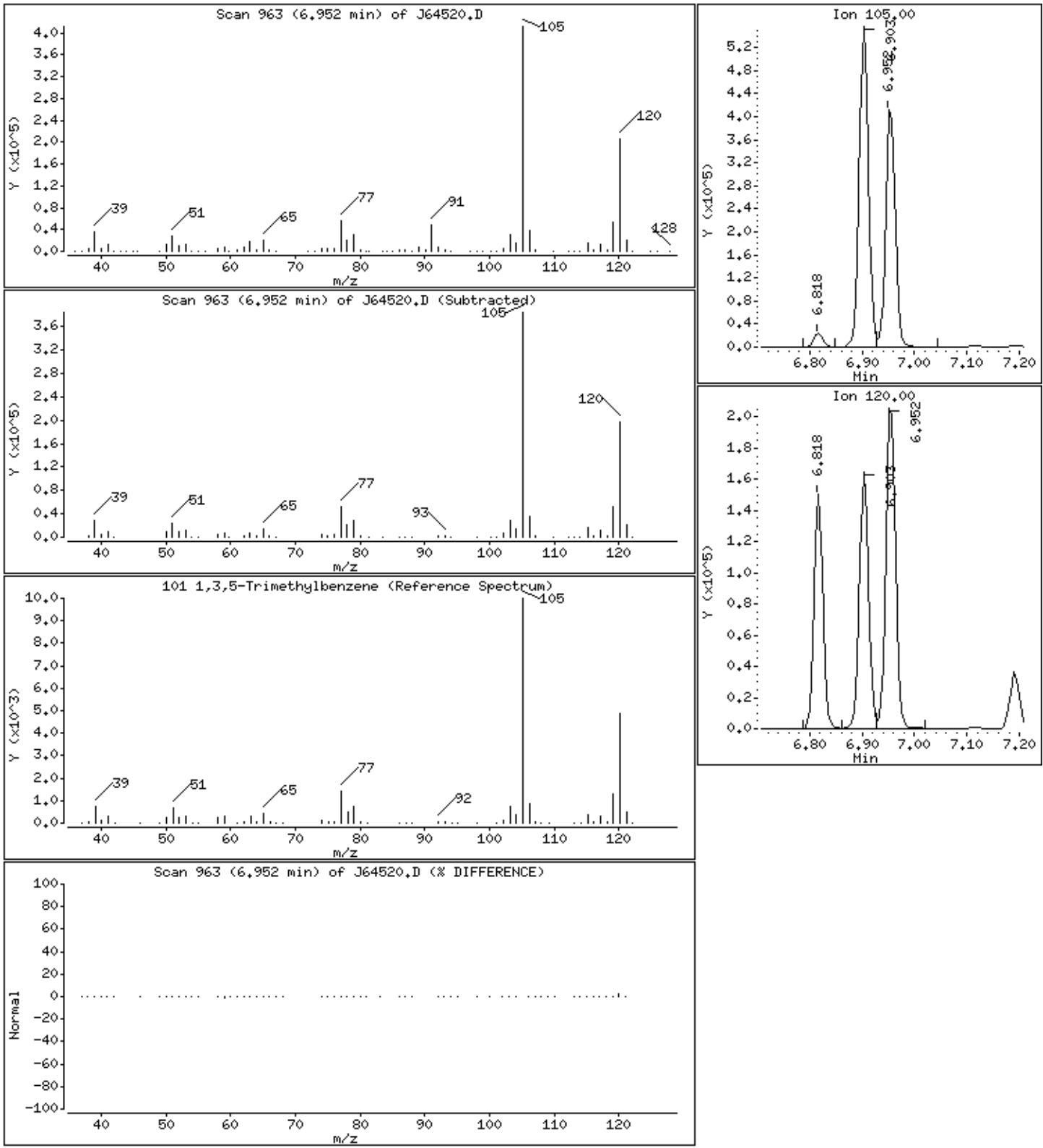
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

100 4-Ethyltoluene Concentration: 51.4 ug/L Review Code:



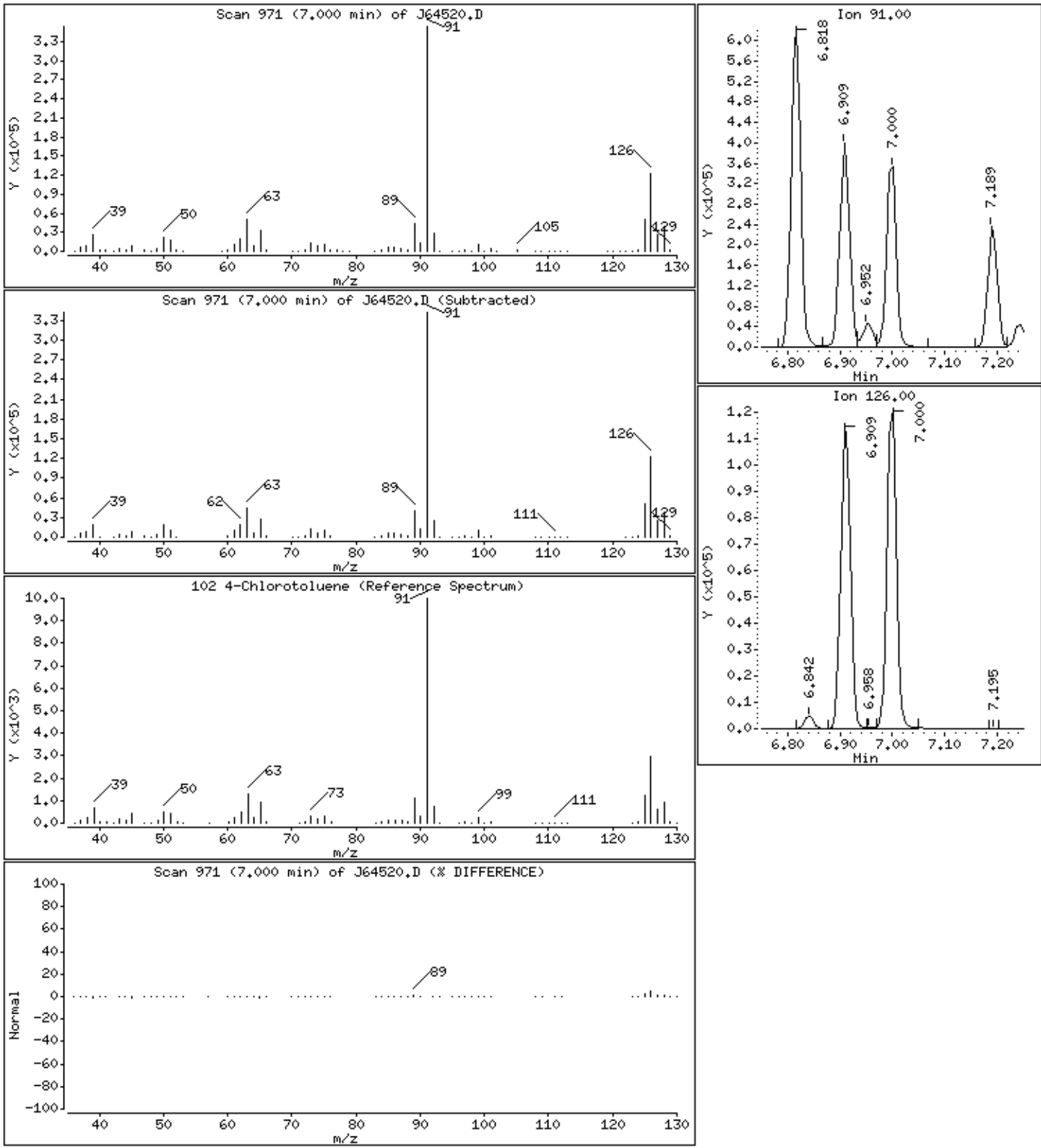
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

101 1,3,5-Trimethylbenzene Concentration: 49.6 ug/L Review Code:



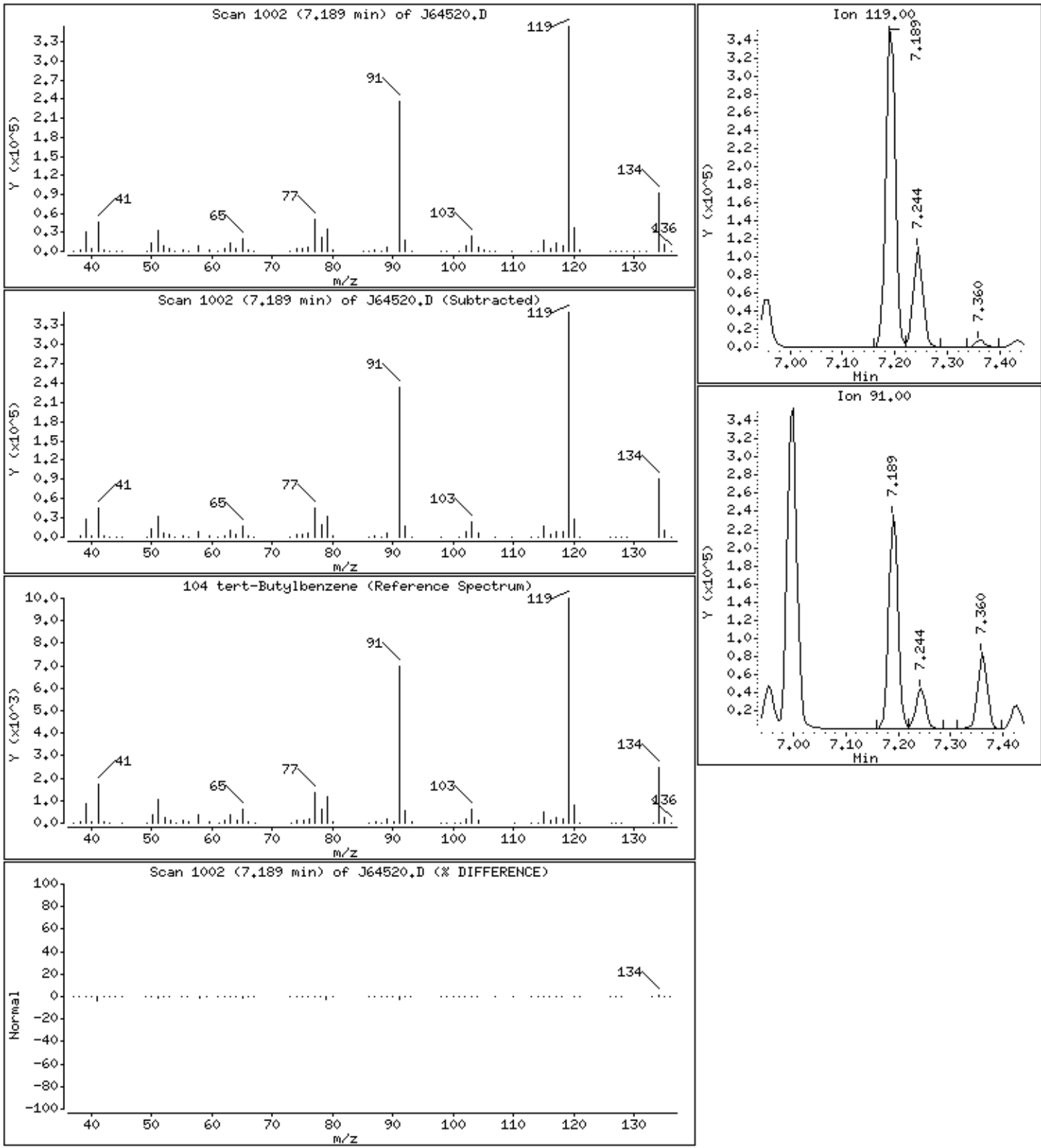
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

102 4-Chlorotoluene
Concentration: 48.4 ug/L
Review Code:

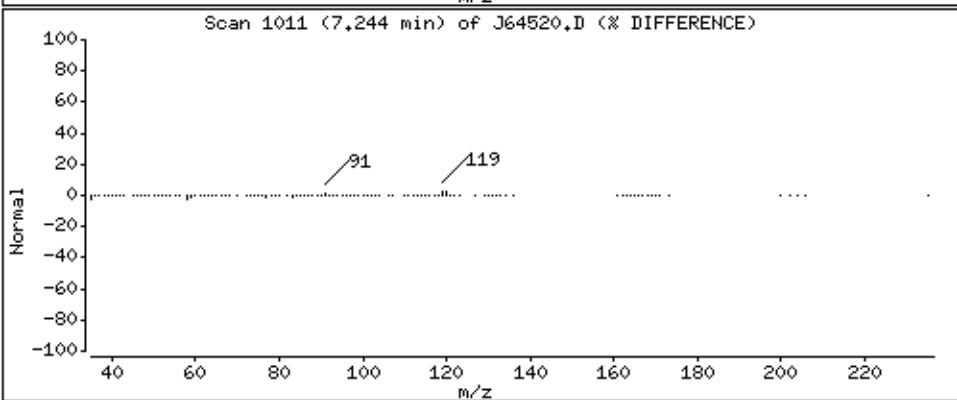
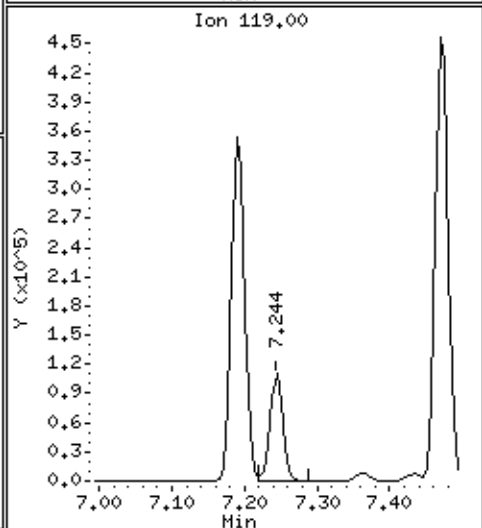
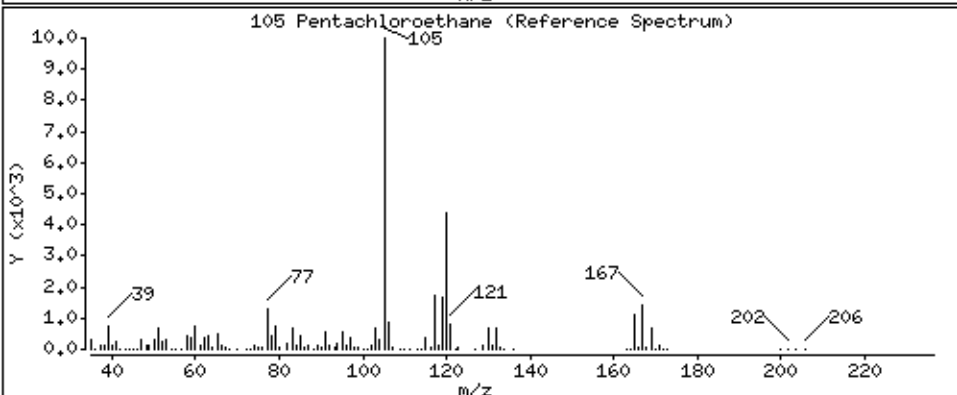
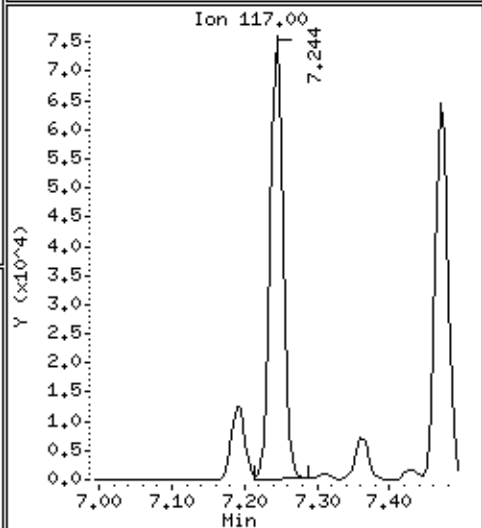
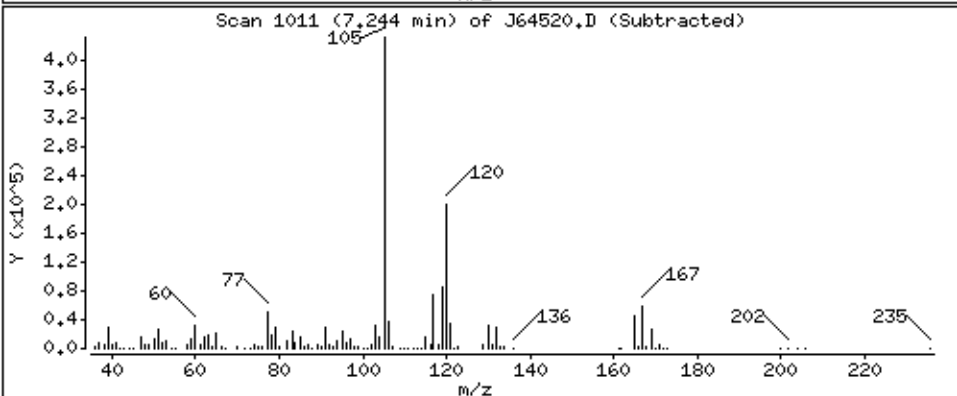
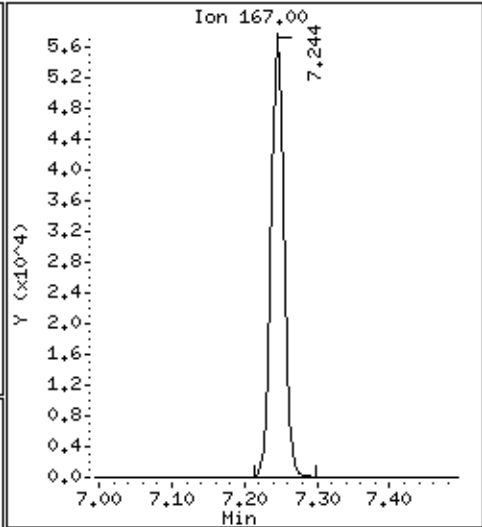
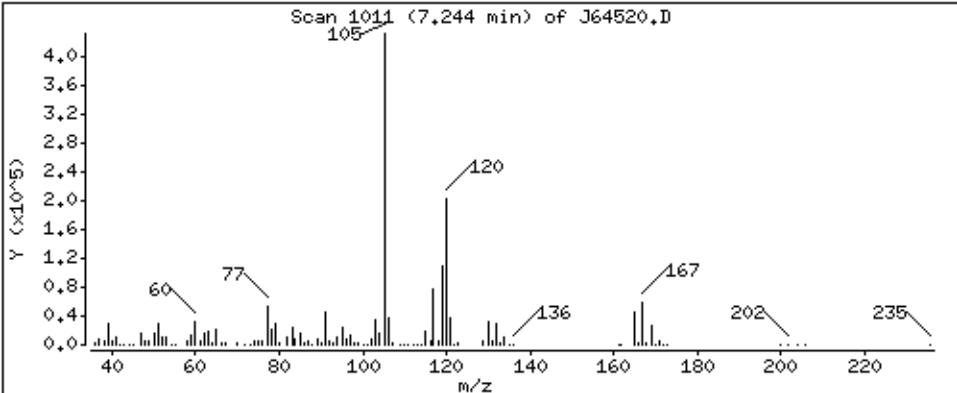


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

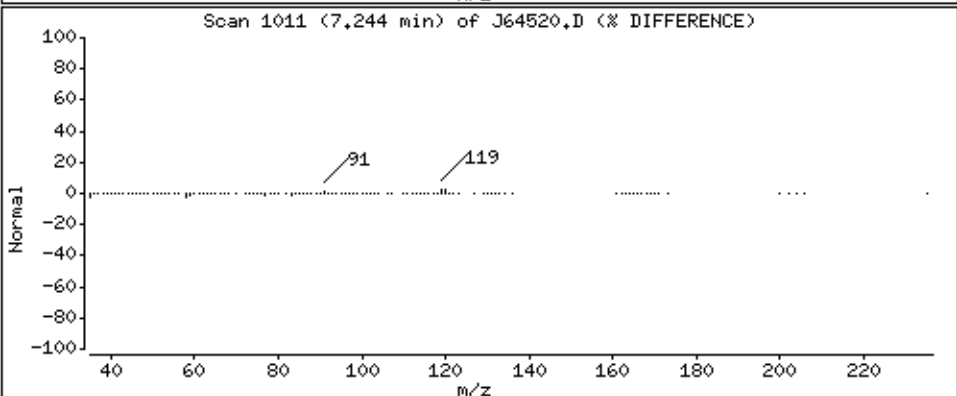
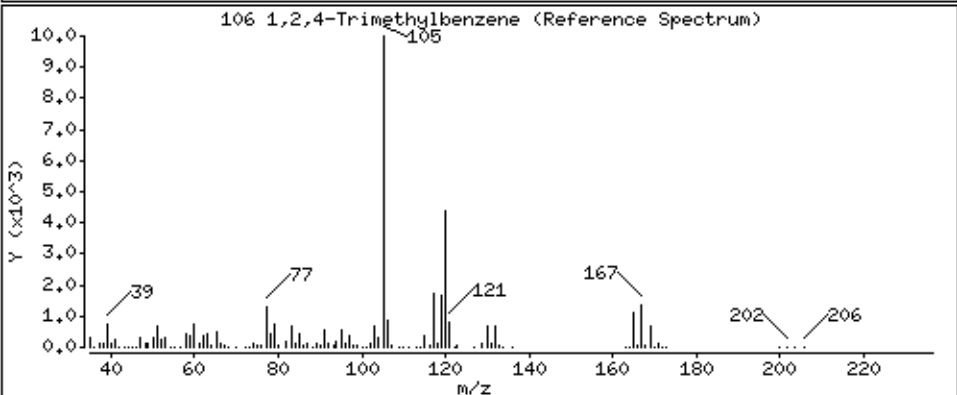
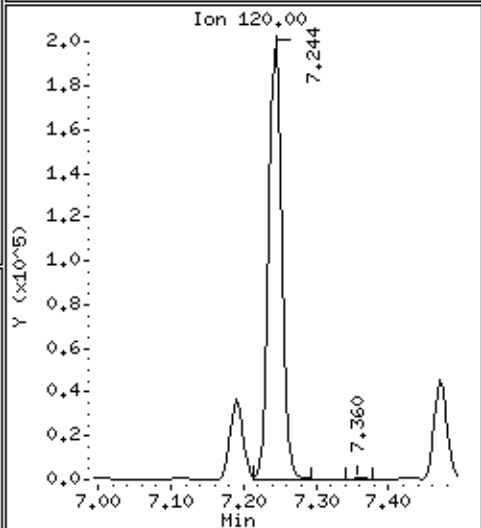
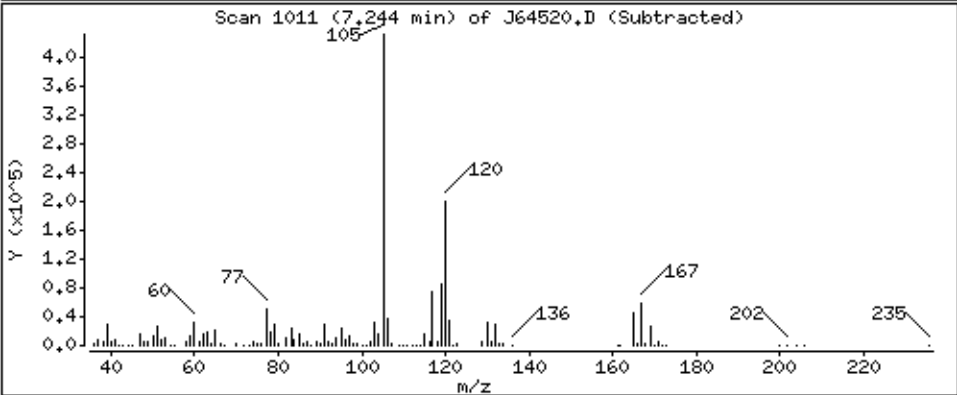
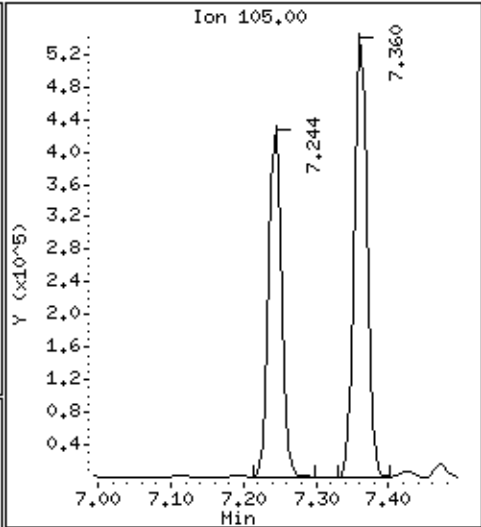
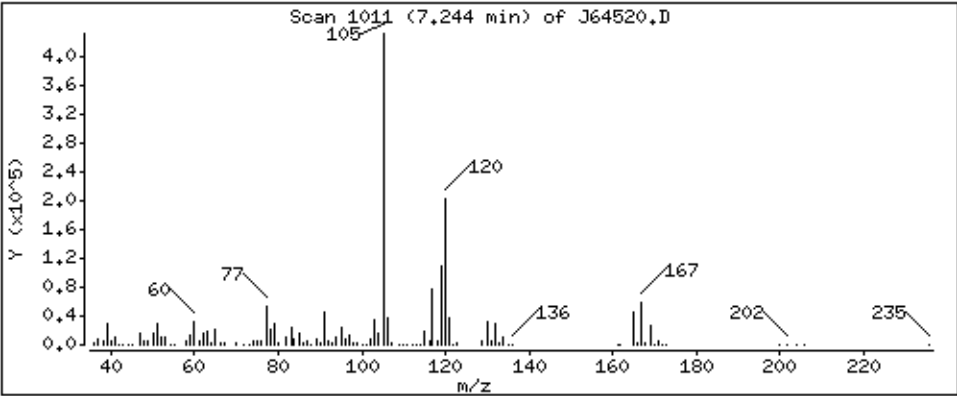
104 tert-Butylbenzene Concentration: 49,3 ug/L Review Code:



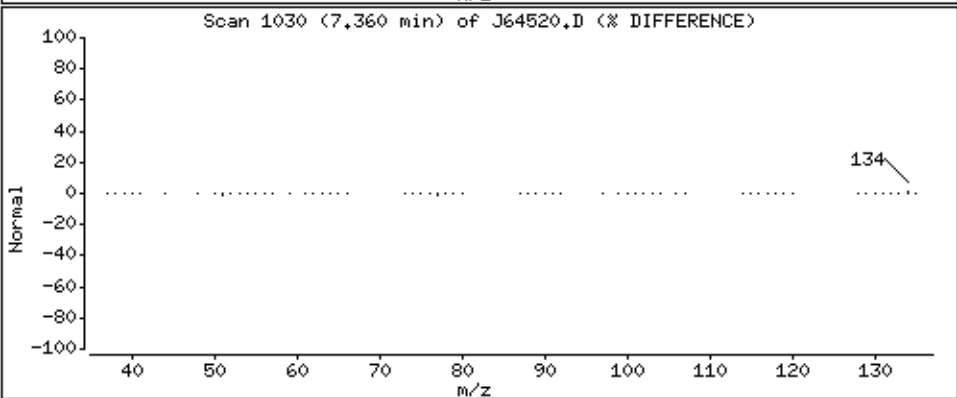
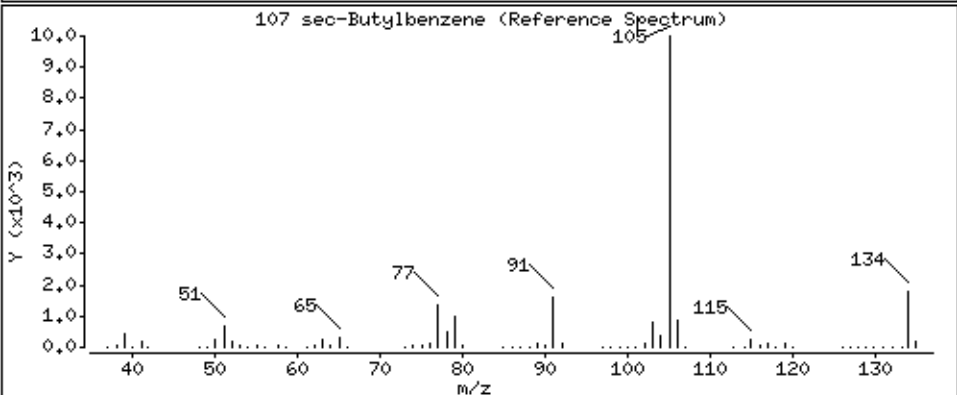
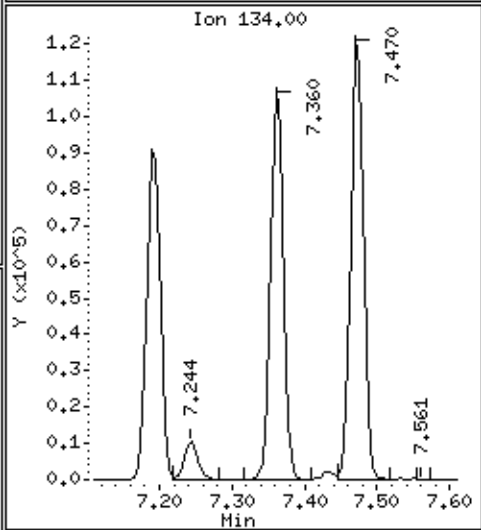
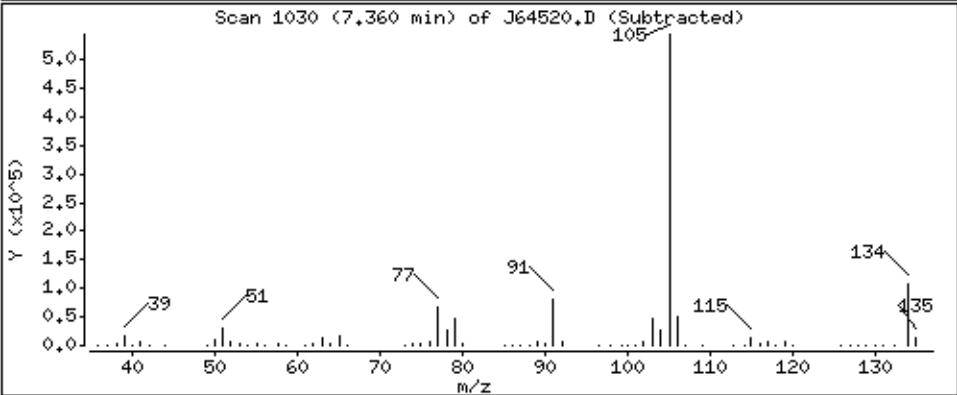
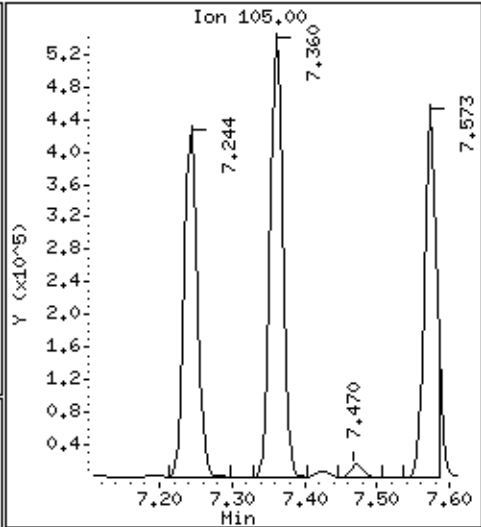
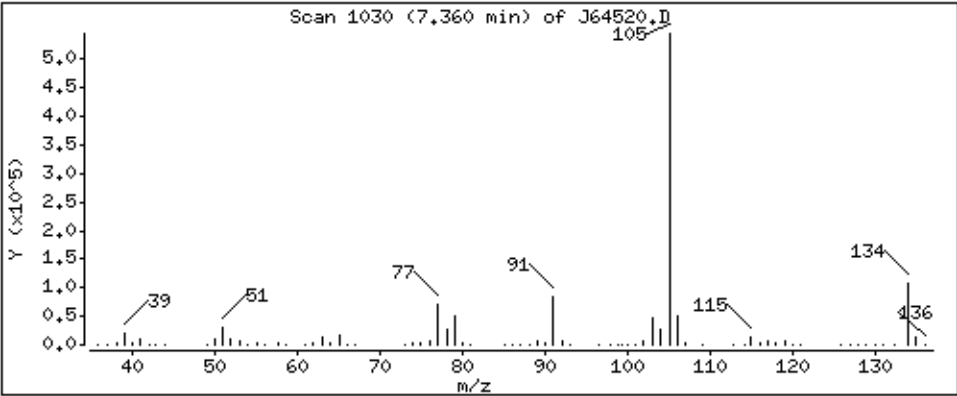
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 49.7 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
106 1,2,4-Trimethylbenzene
Concentration: 52.2 ug/L
Review Code:

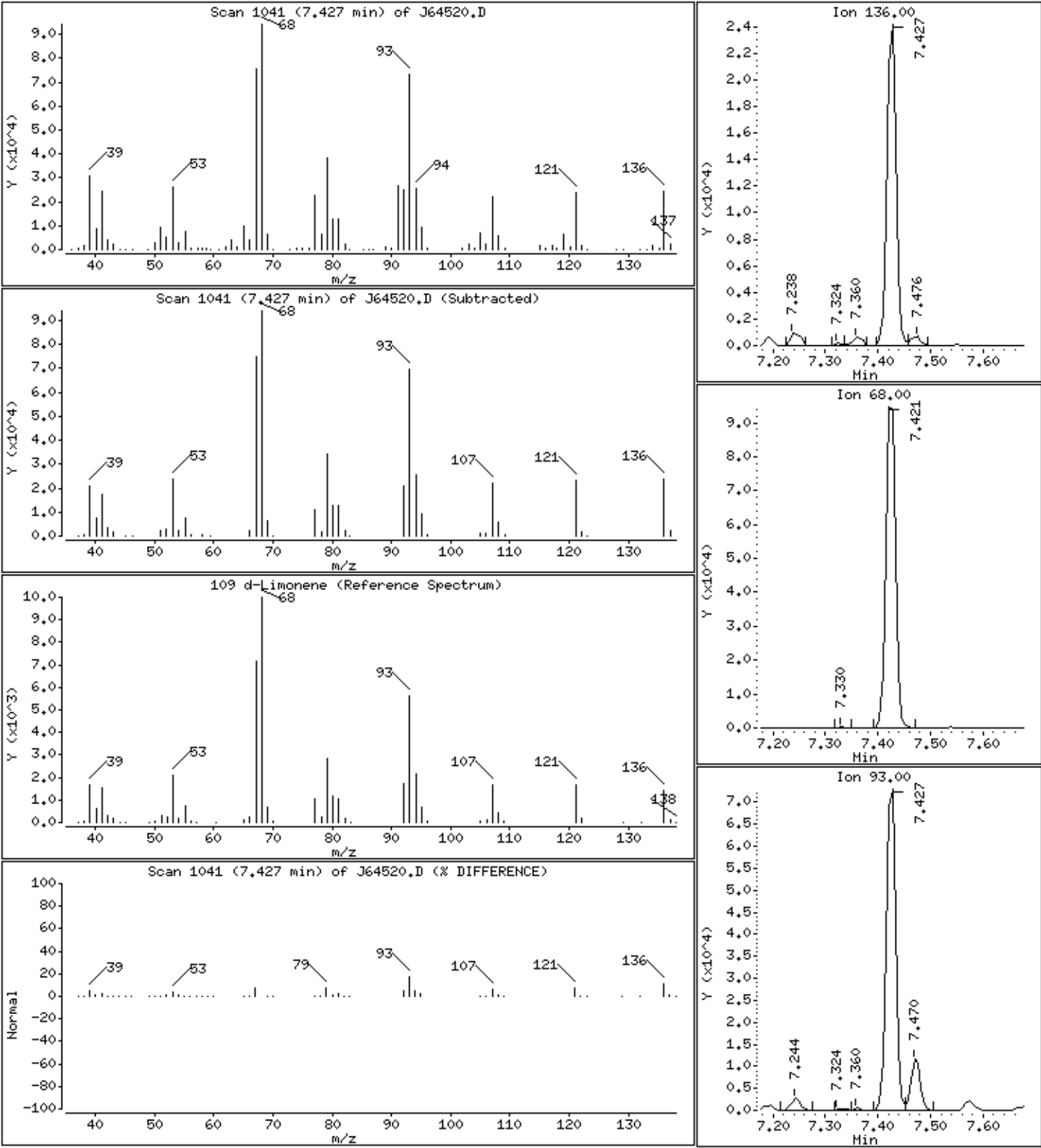


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
107 sec-Butylbenzene
Concentration: 50,4 ug/L
Review Code:



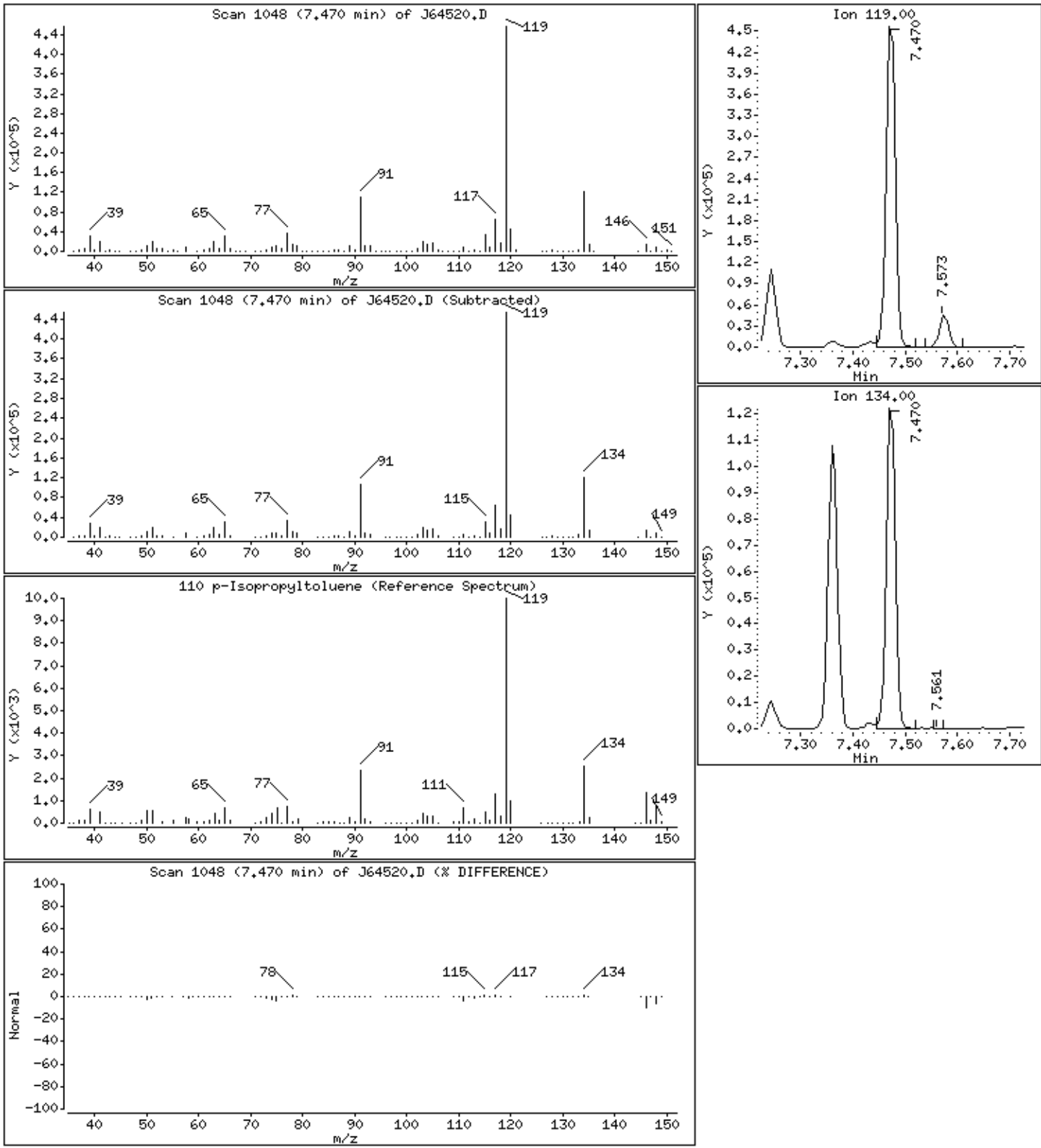
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

109 d-Limonene
Concentration: 47.6 ug/L
Review Code:

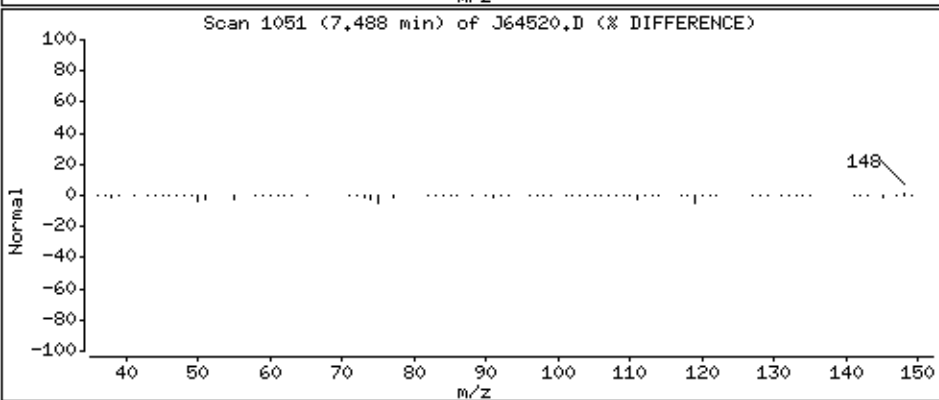
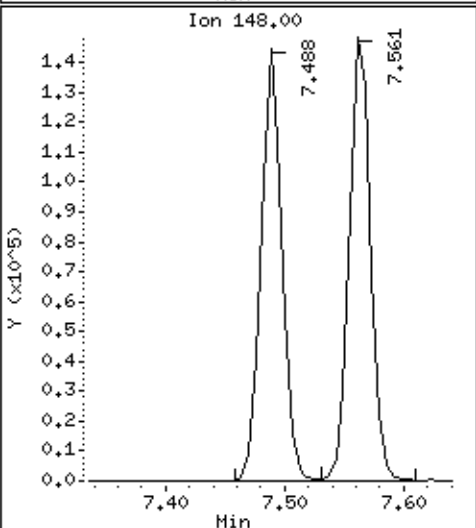
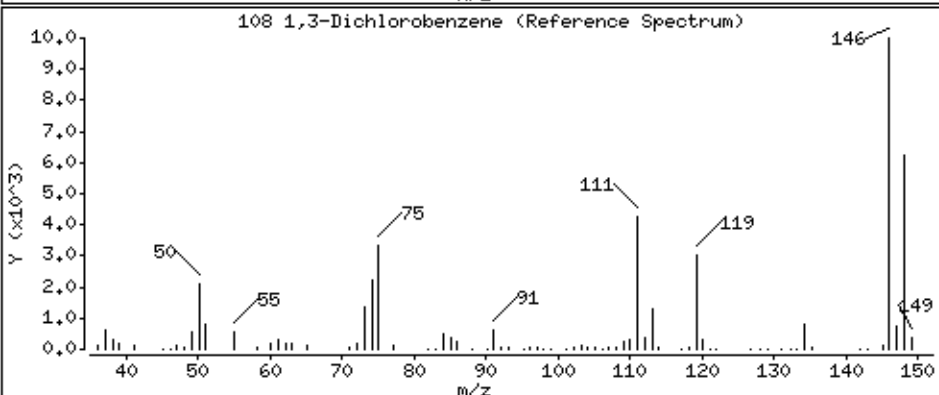
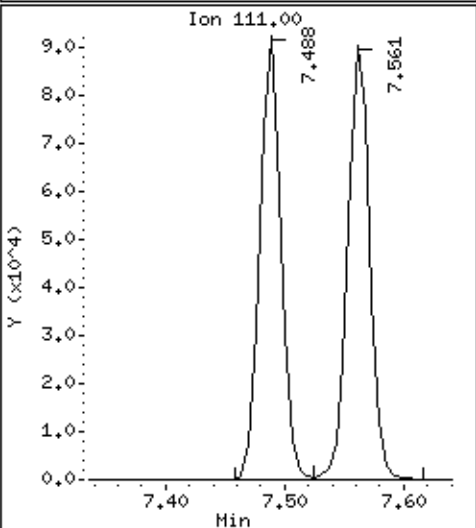
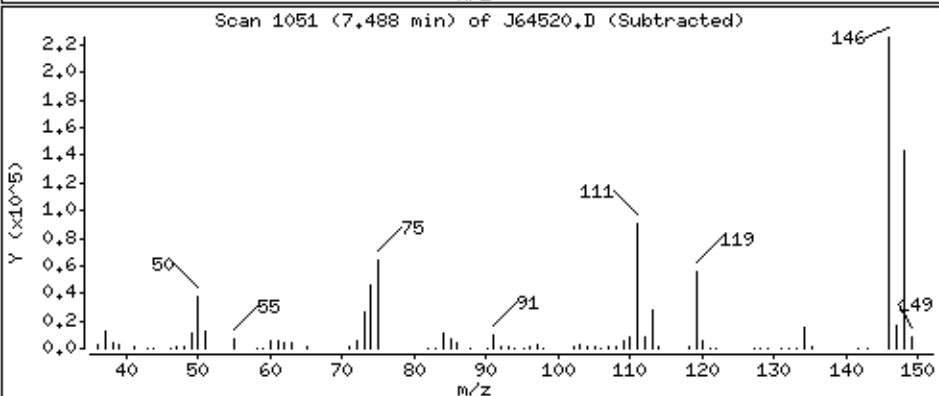
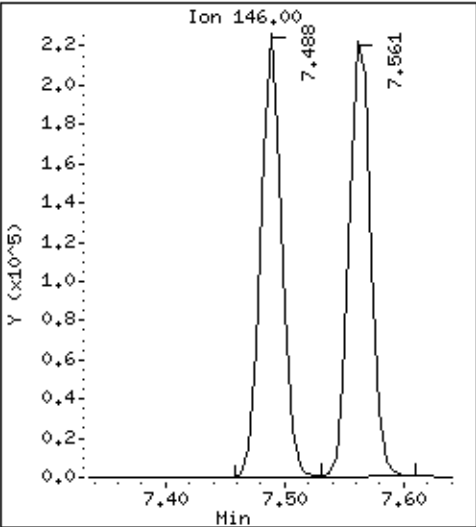
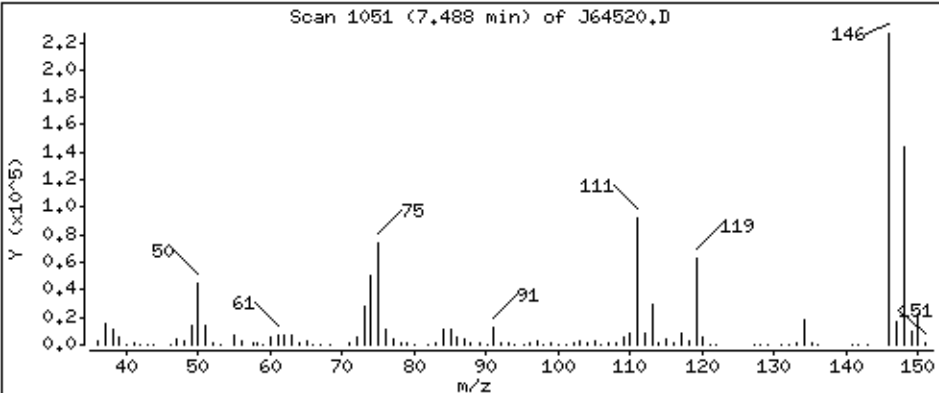


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

110 p-Isopropyltoluene Concentration: 52.0 ug/L Review Code:

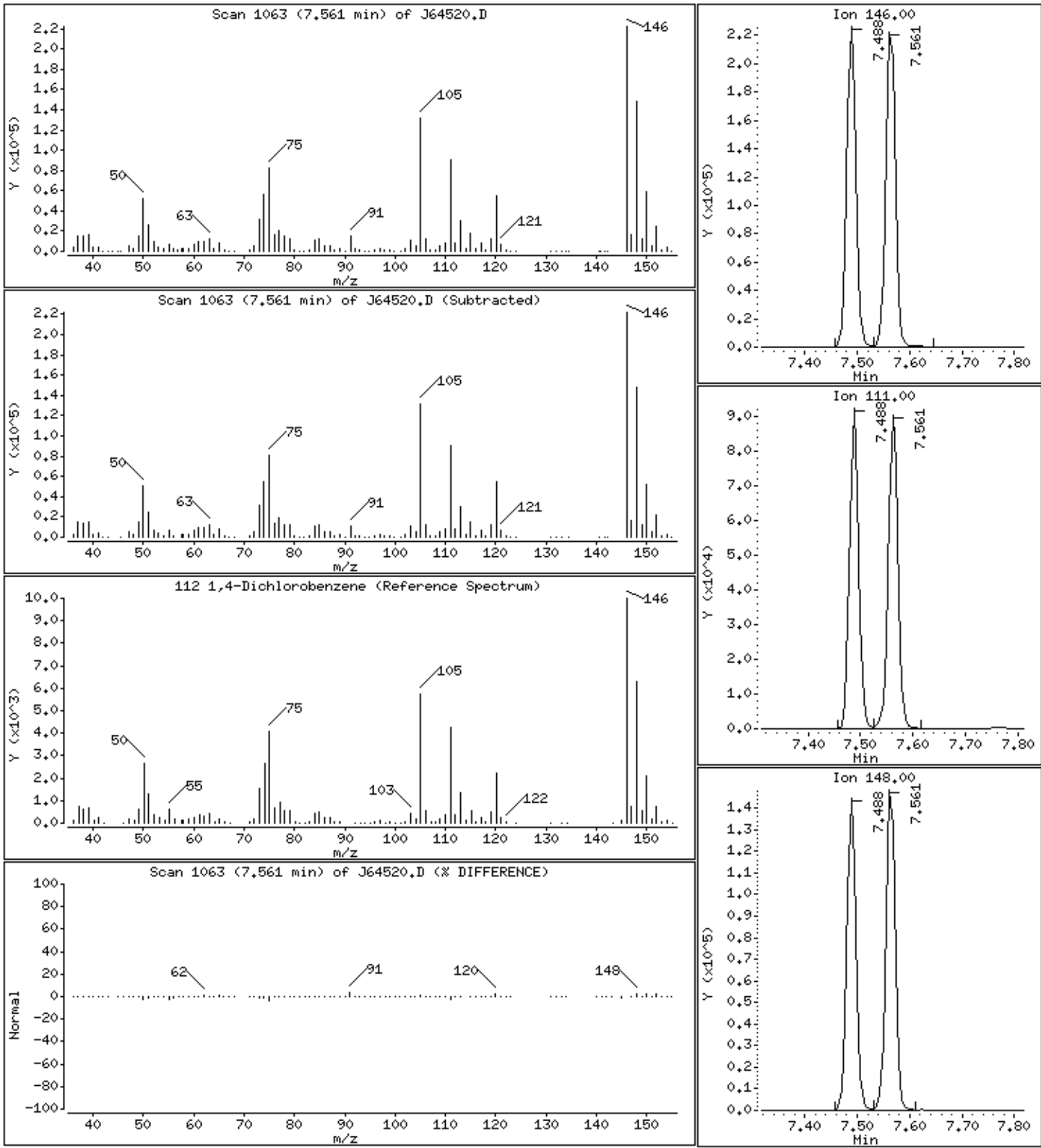


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
108 1,3-Dichlorobenzene
Concentration: 53,5 ug/L
Review Code:



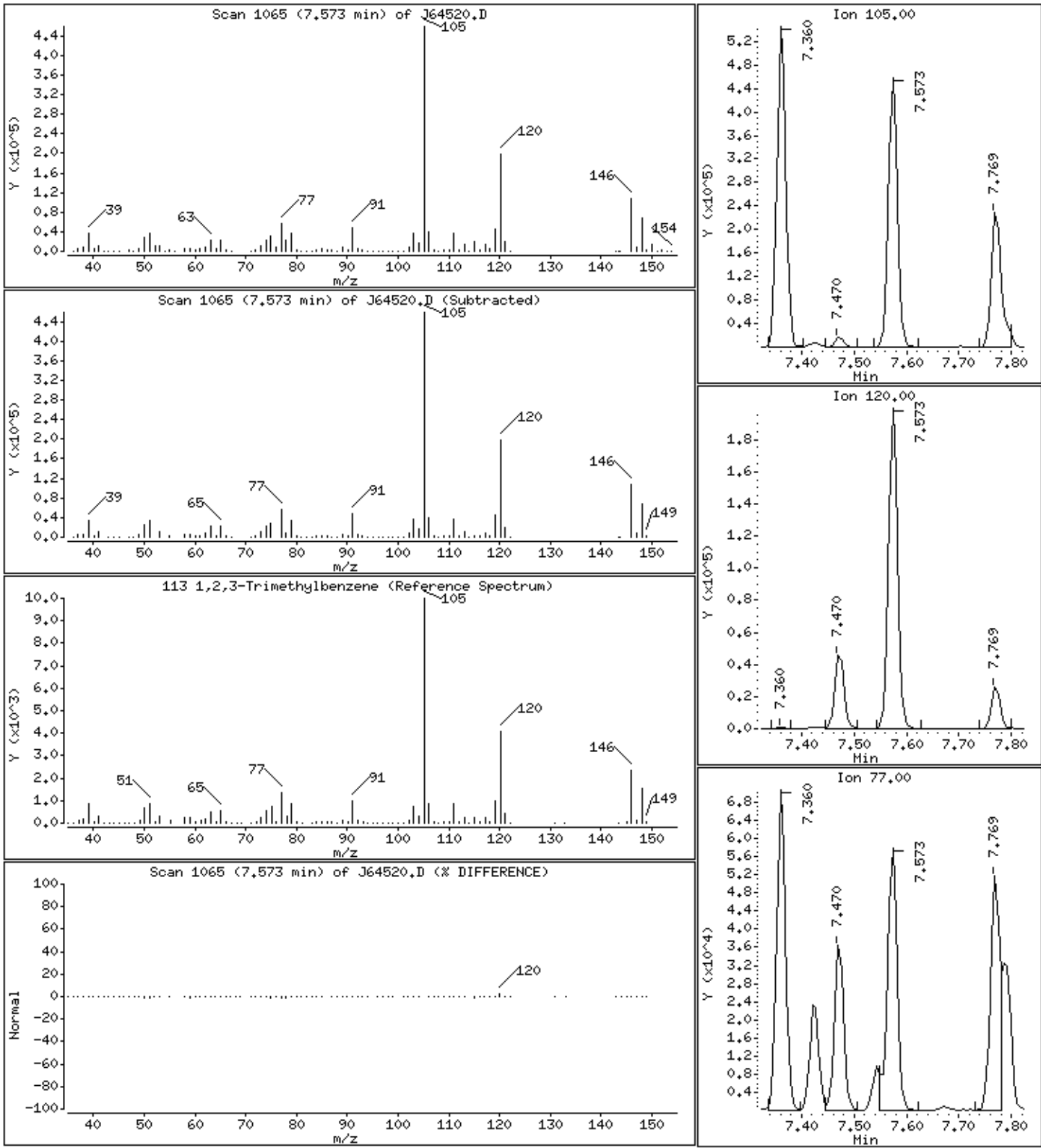
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

112 1,4-Dichlorobenzene Concentration: 53.6 ug/L Review Code:



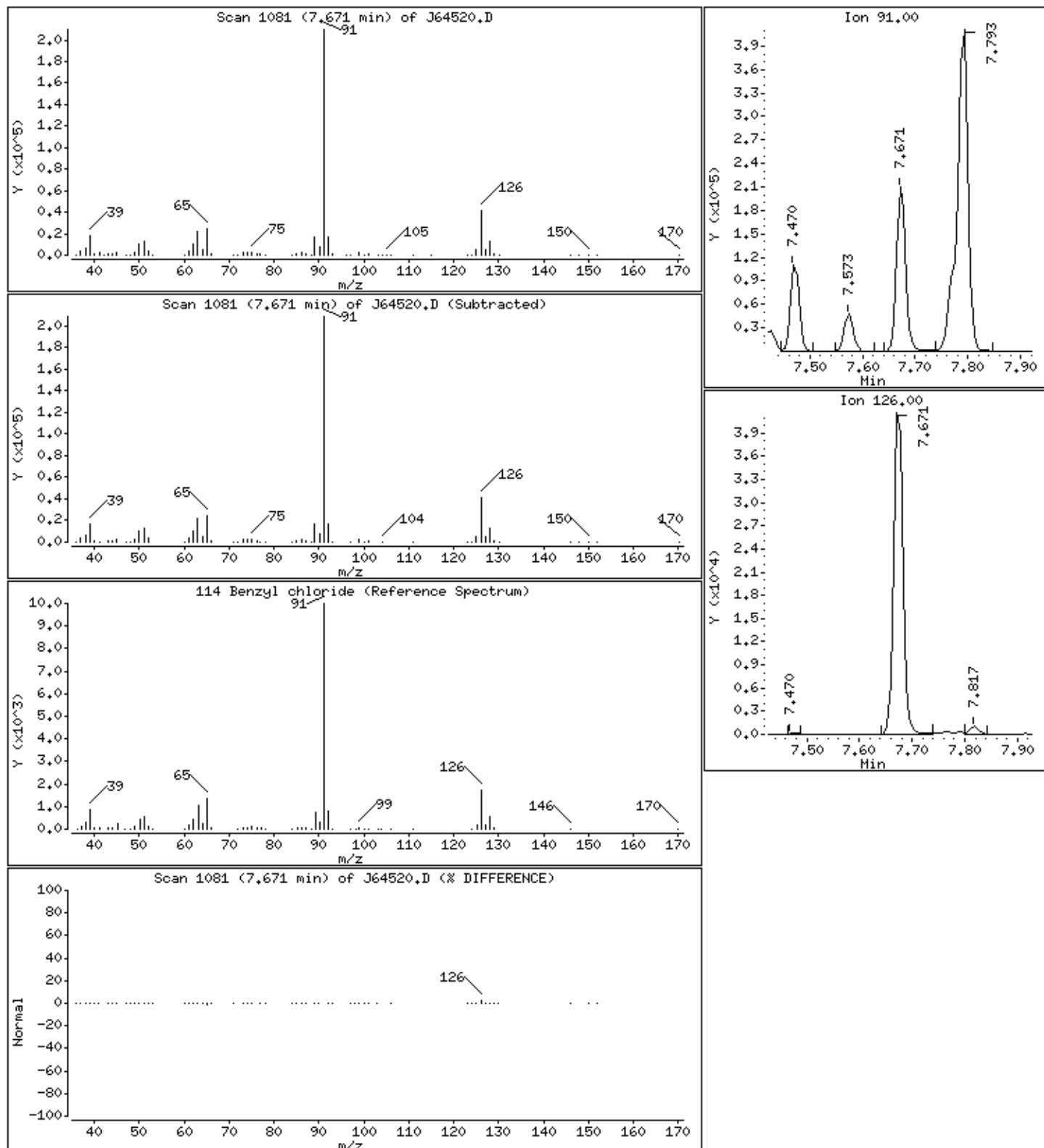
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

113 1,2,3-Trimethylbenzene Concentration: 52.6 ug/L Review Code:



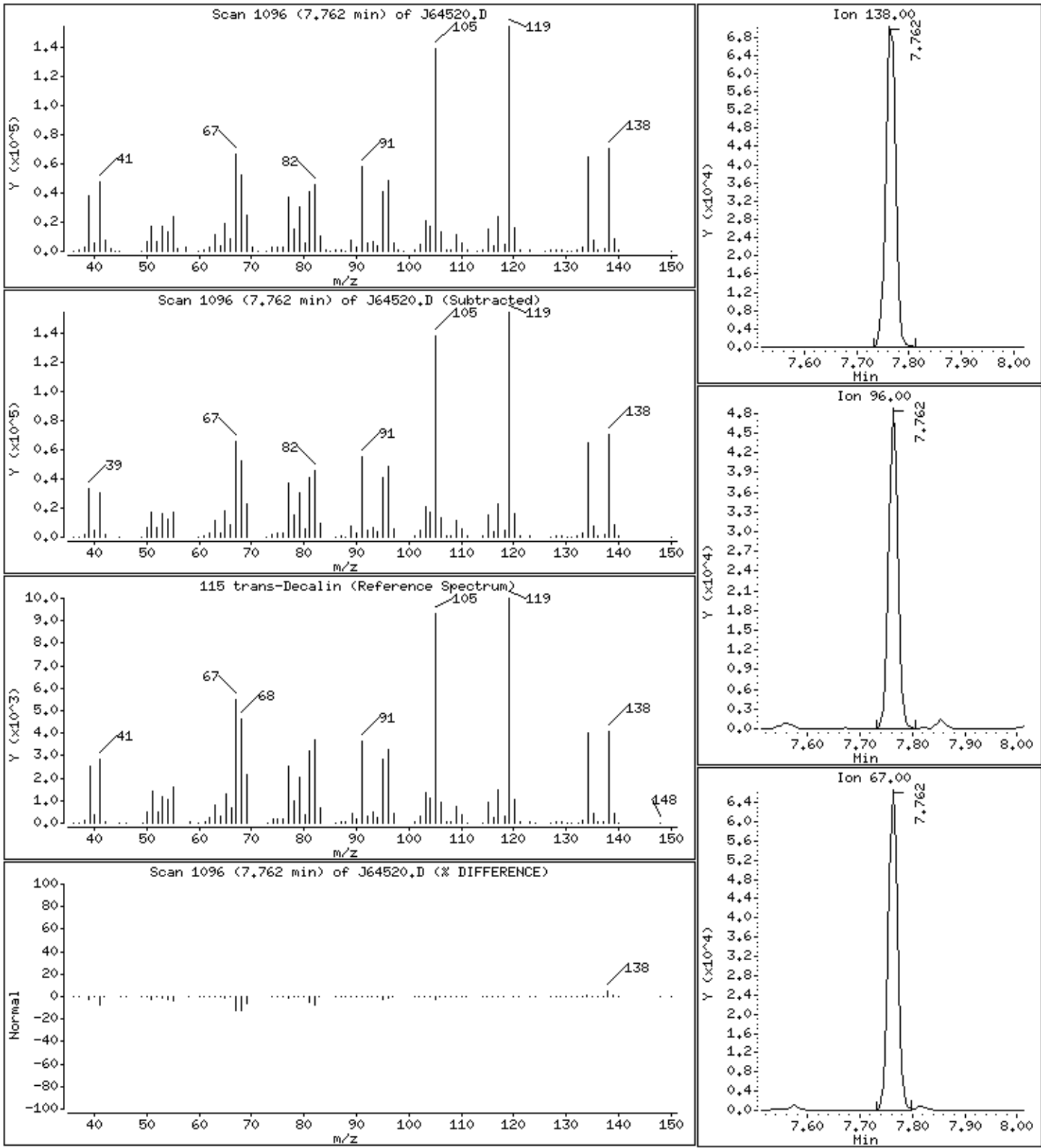
Column diameter: 0.18

Review Code:



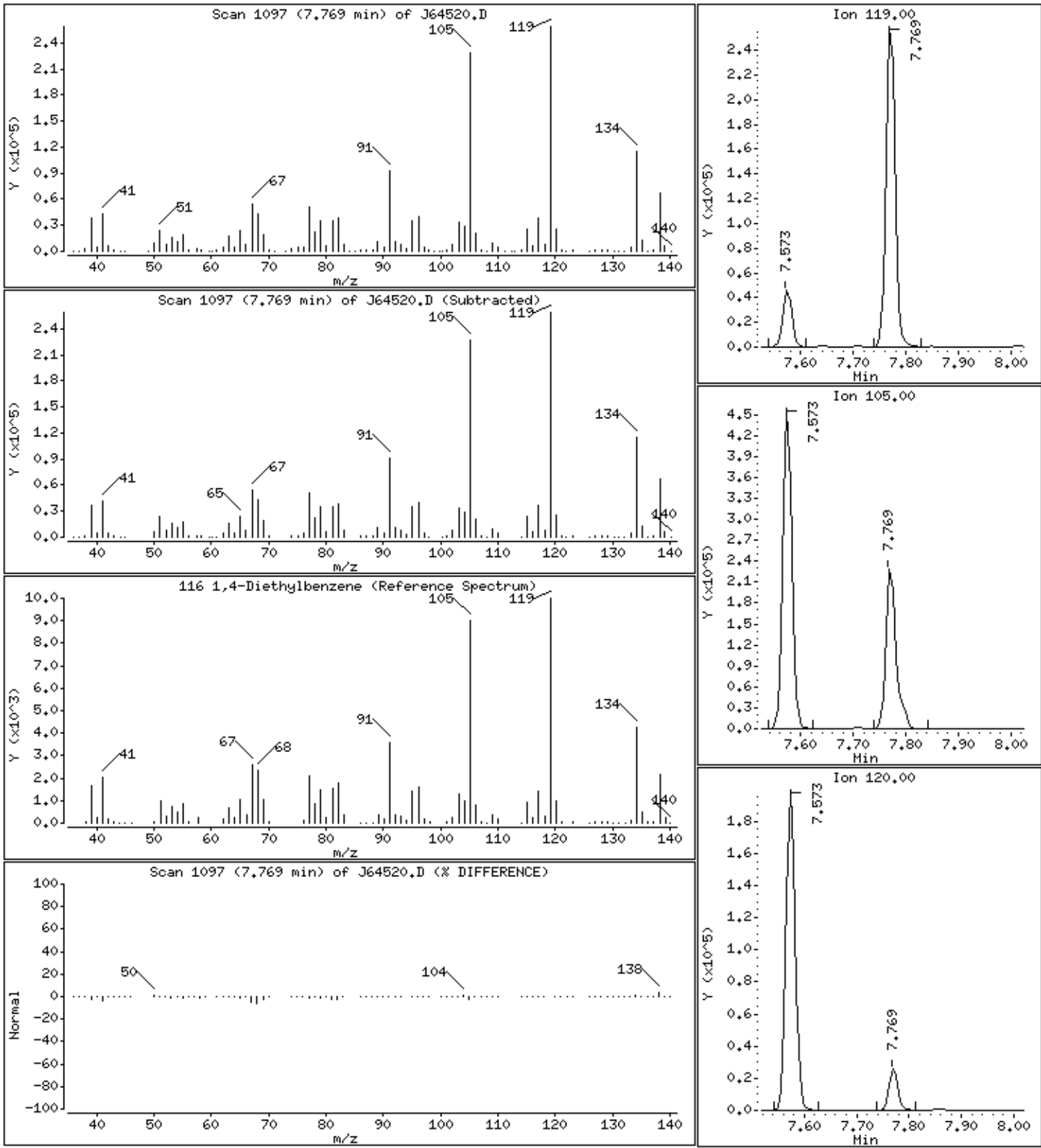
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

115 trans-Decalin Concentration: 43.3 ug/L Review Code:



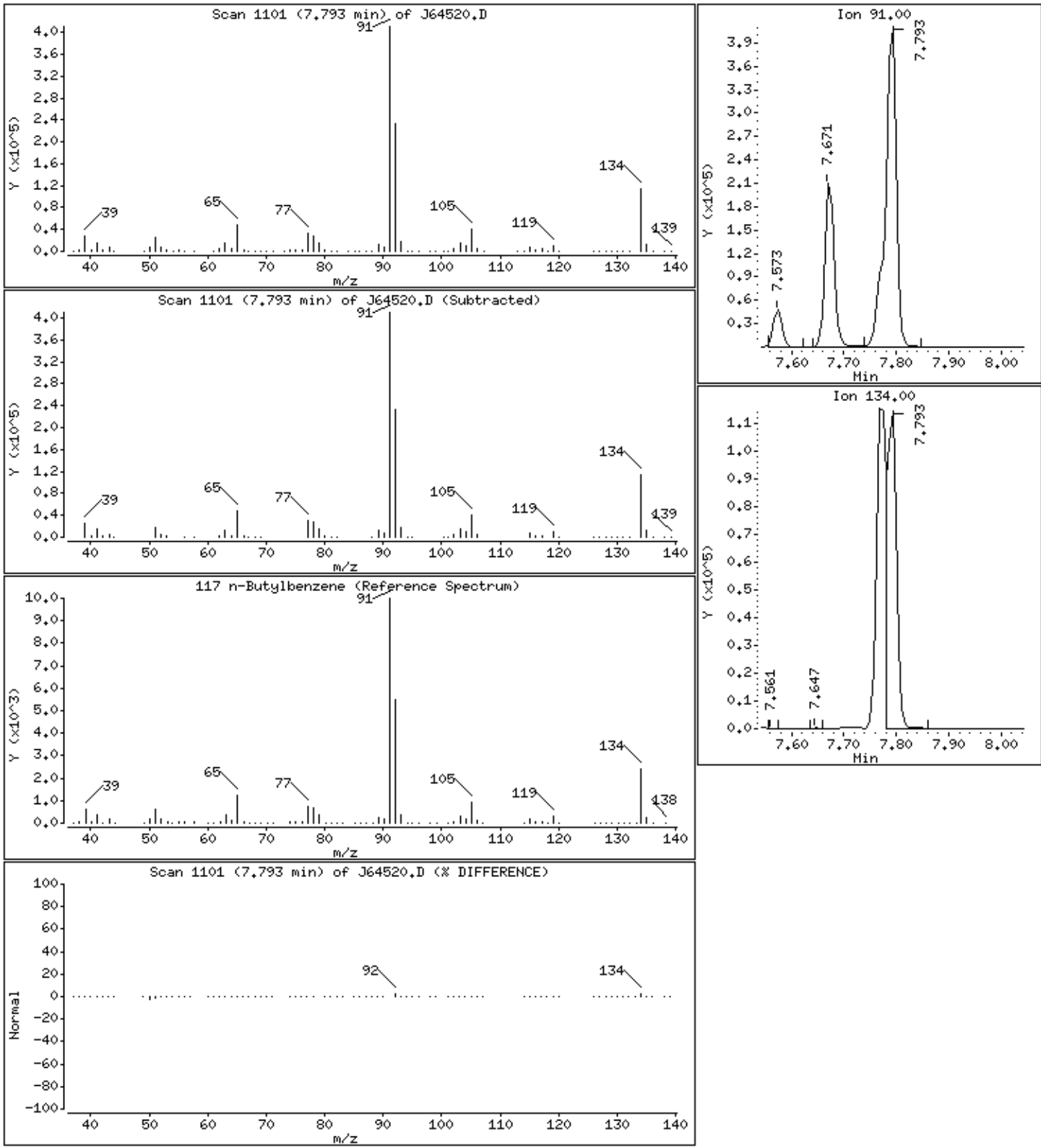
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

116 1,4-Diethylbenzene Concentration: 53.4 ug/L Review Code:



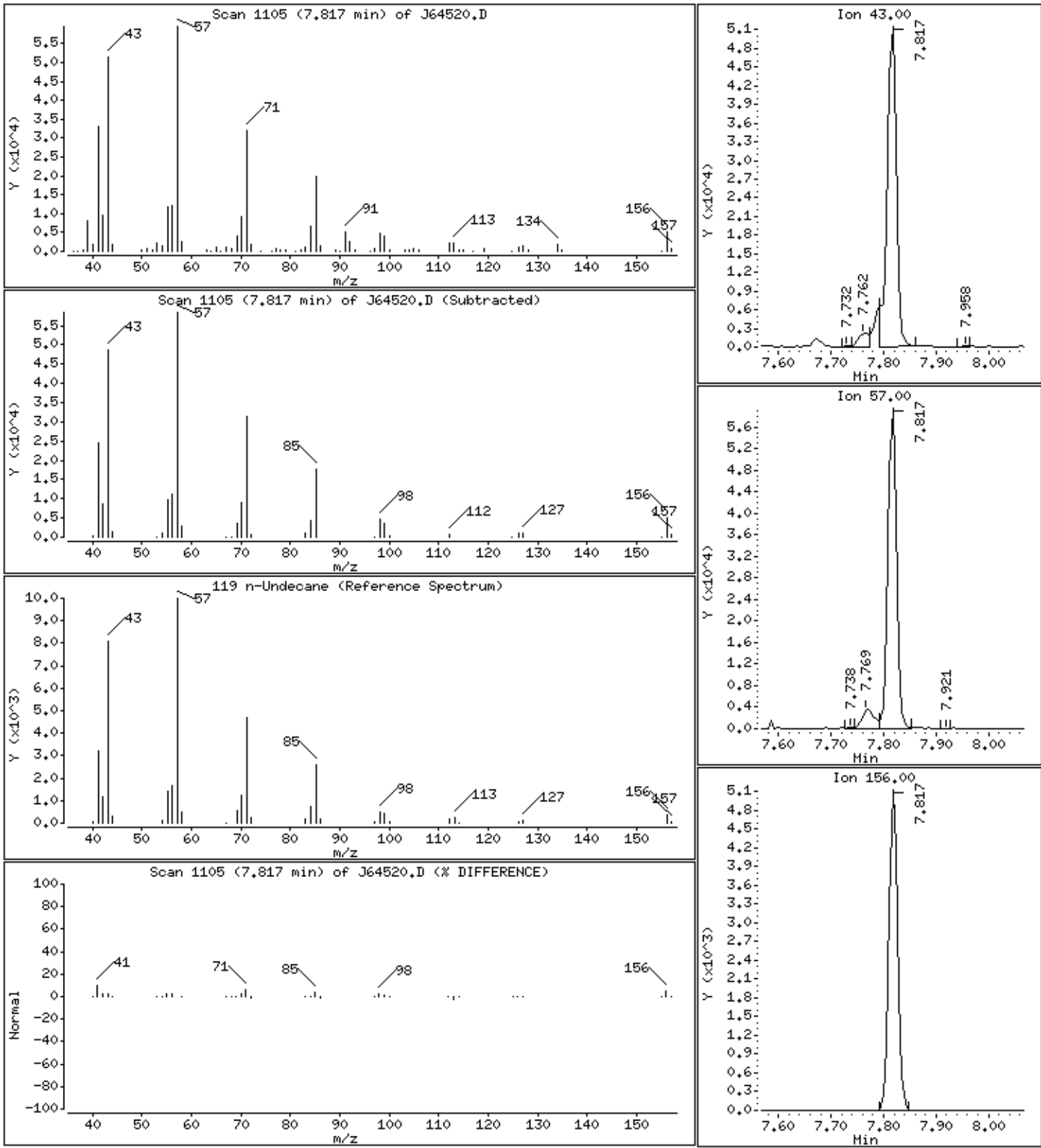
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

117 n-Butylbenzene Concentration: 52.3 ug/L Review Code:



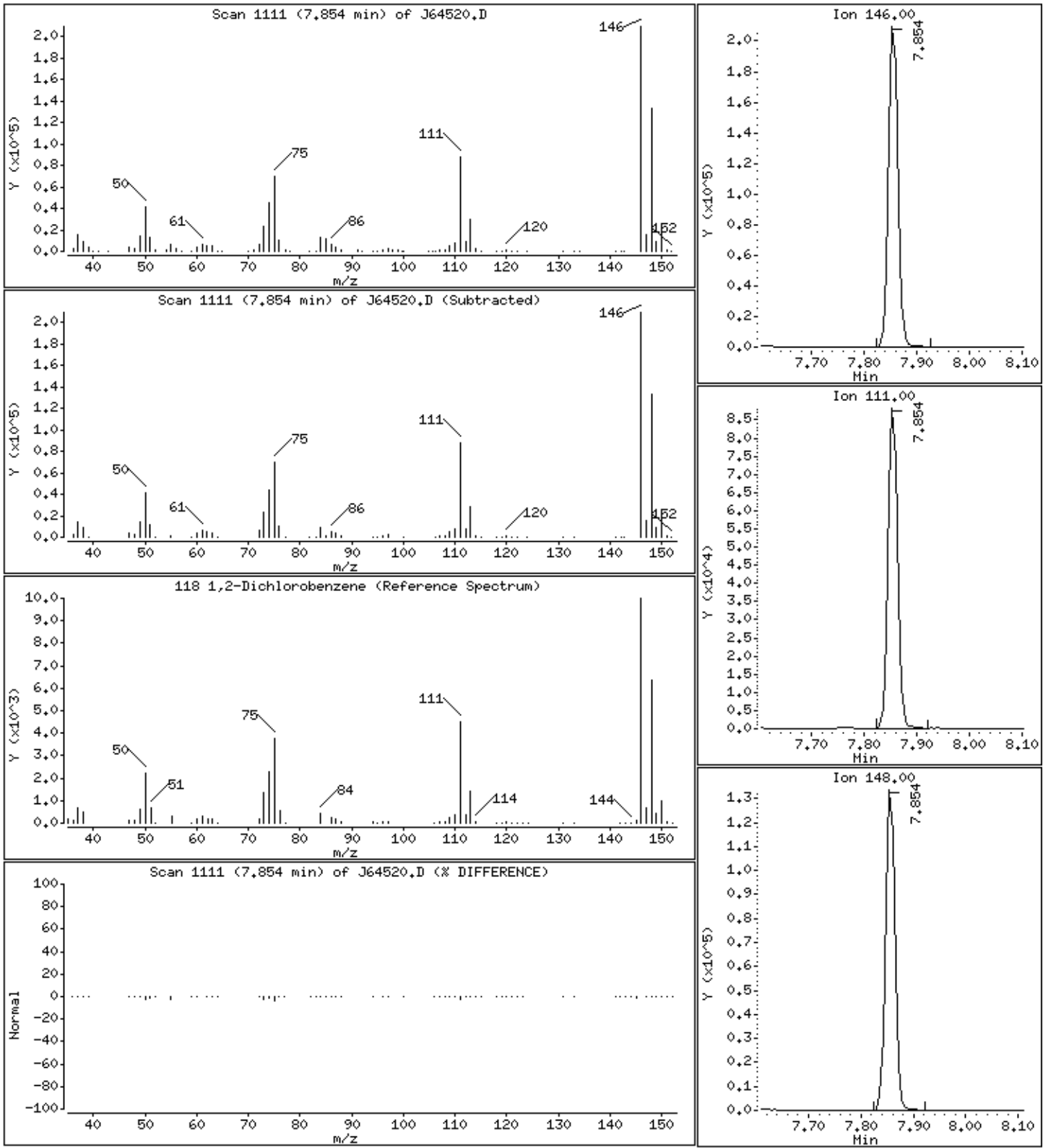
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

119 n-Undecane Concentration: 46.8 ug/L Review Code:



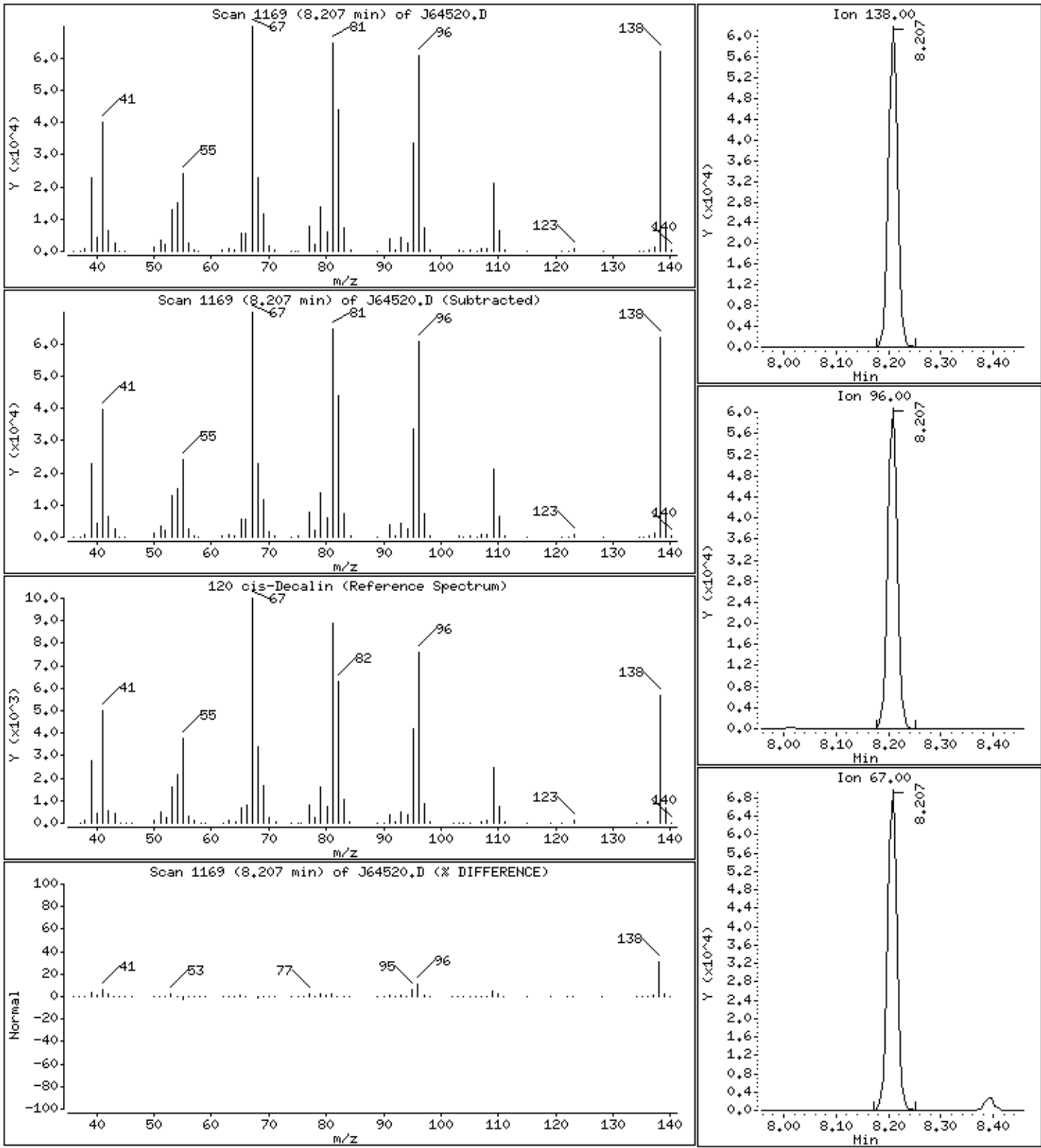
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

118 1,2-Dichlorobenzene
Concentration: 53,6 ug/L
Review Code:



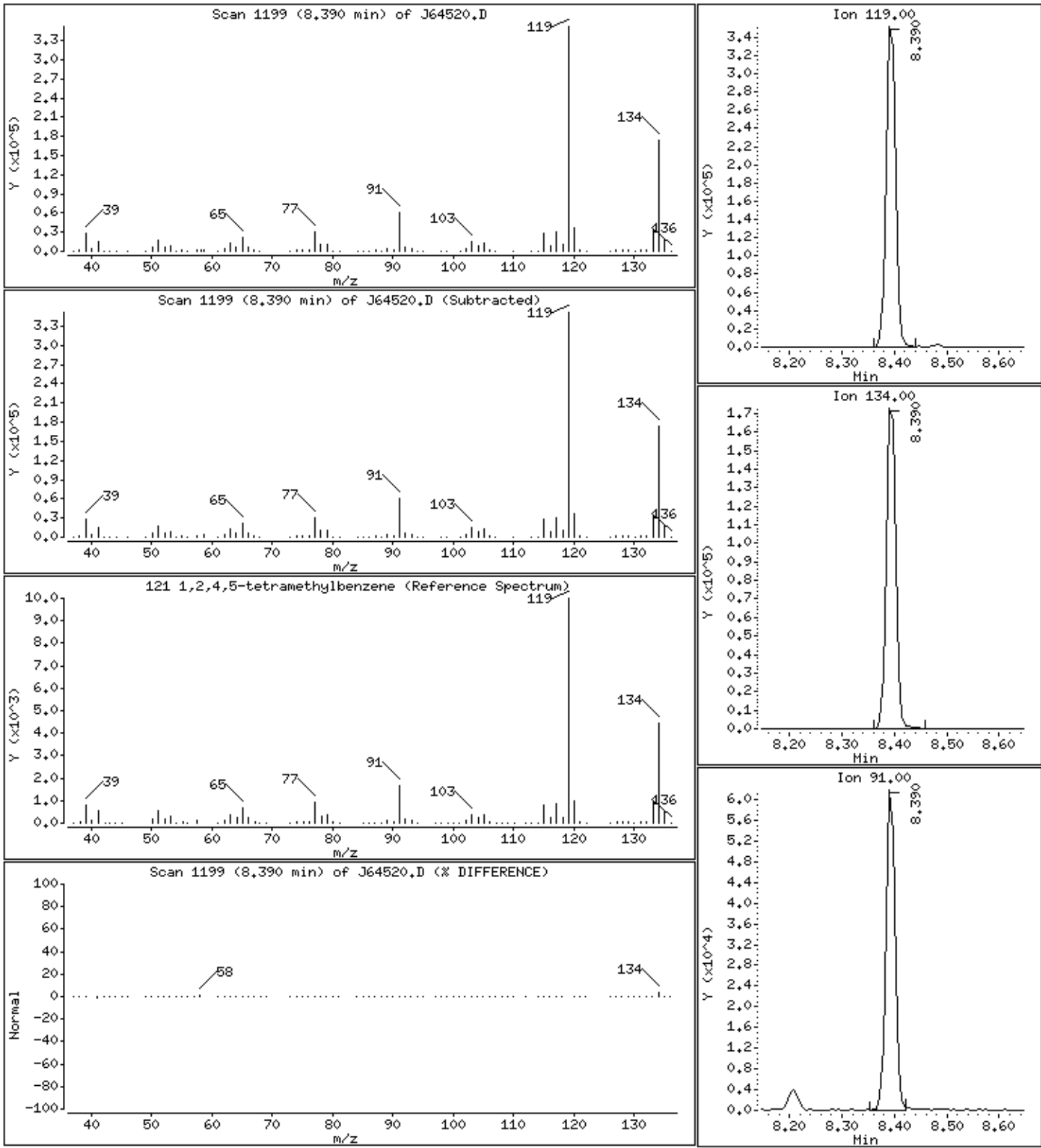
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

120 cis-Decalin Concentration: 44.0 ug/L Review Code:

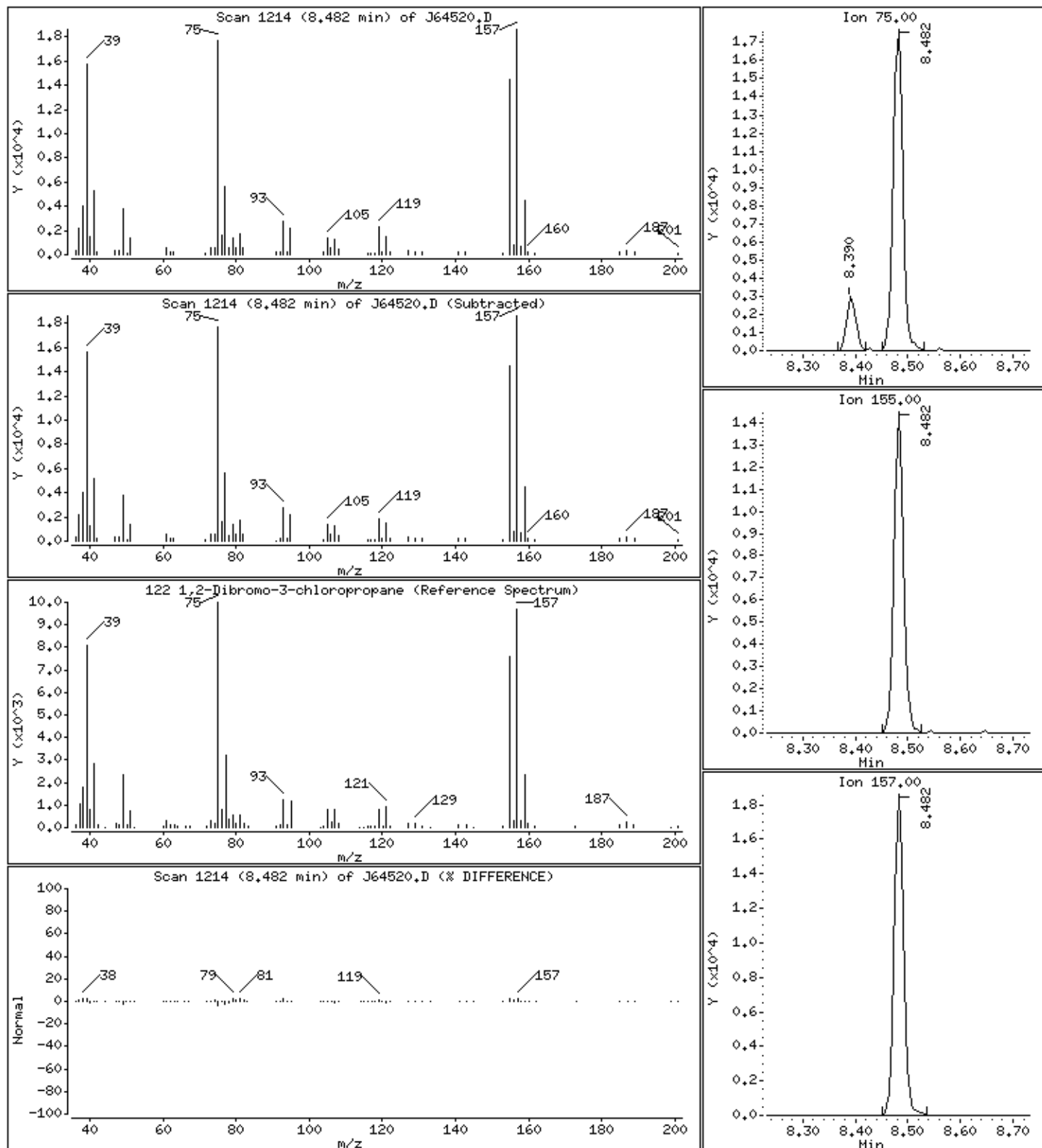


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

121 1,2,4,5-tetramethylbenzene Concentration: 62.2 ug/L Review Code:

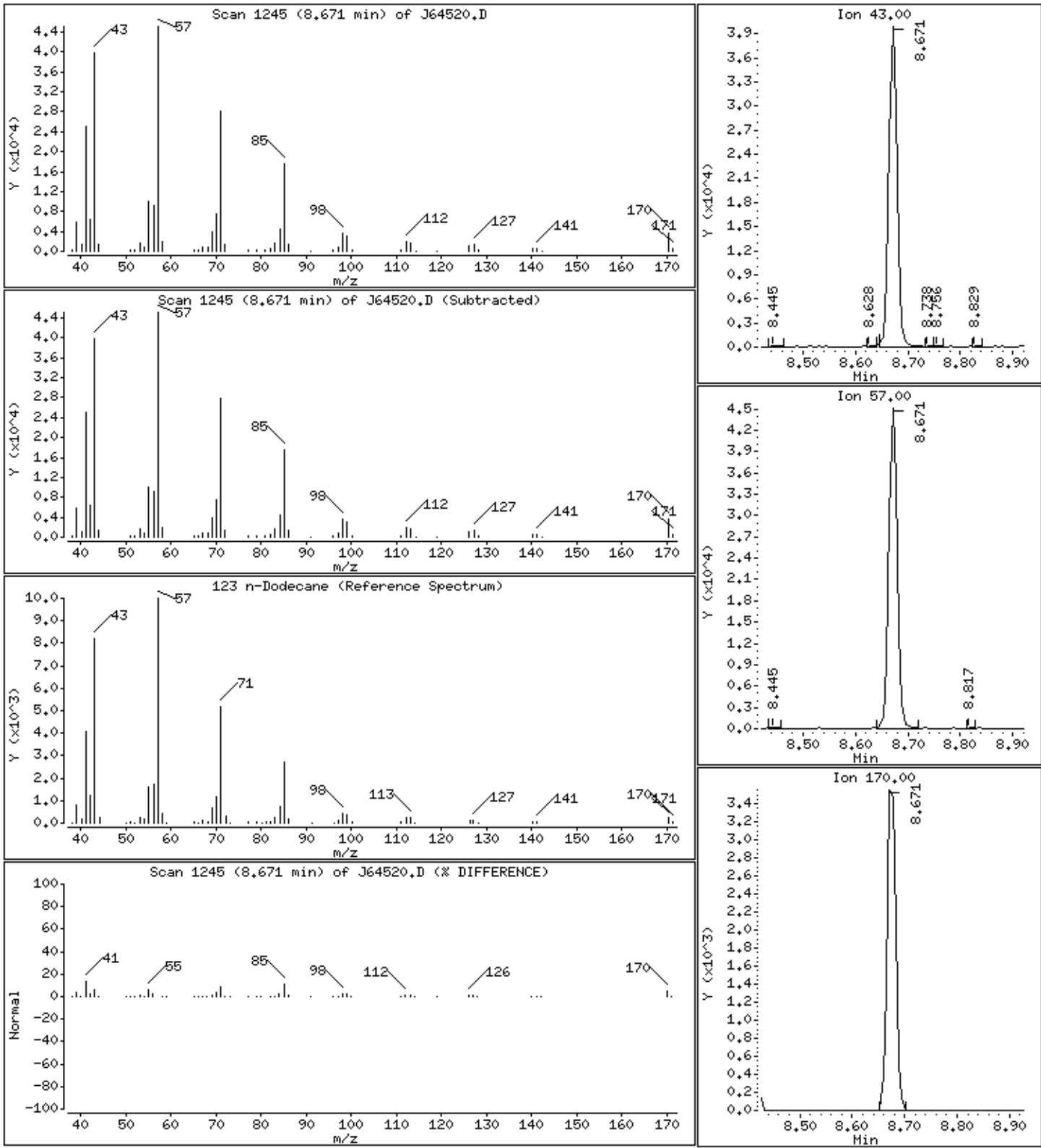


Review Code:



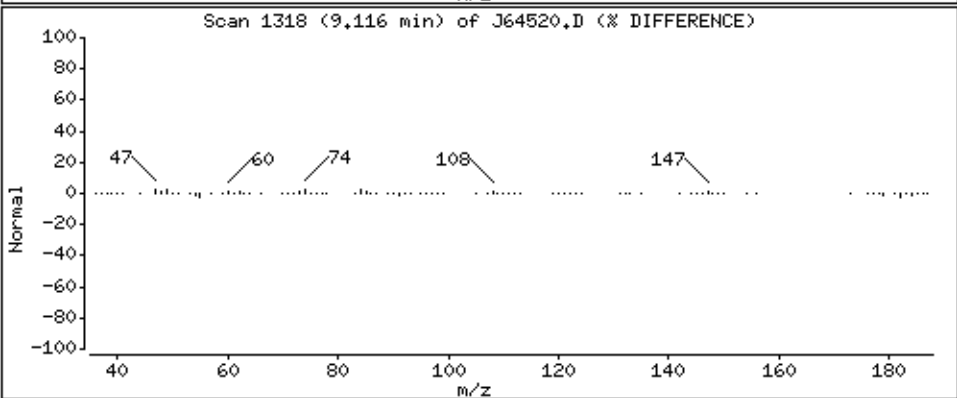
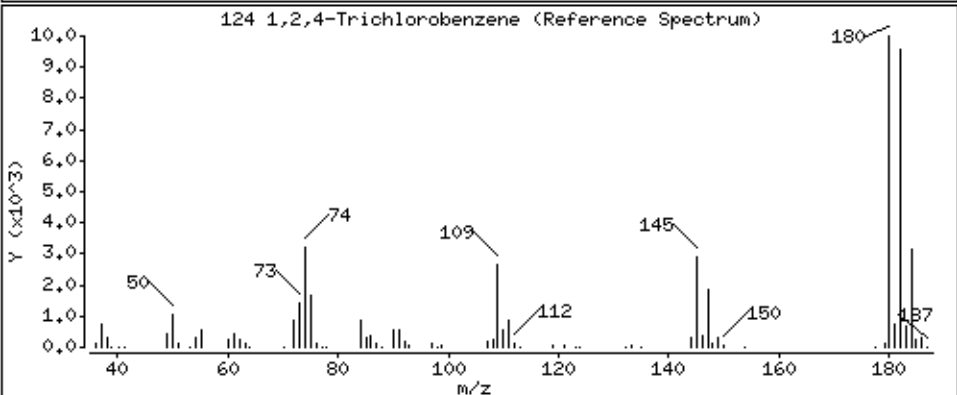
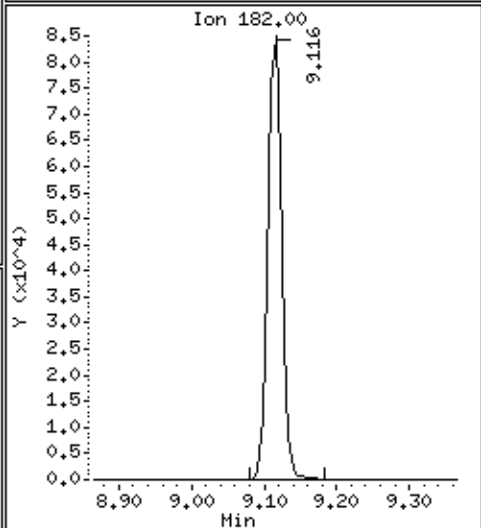
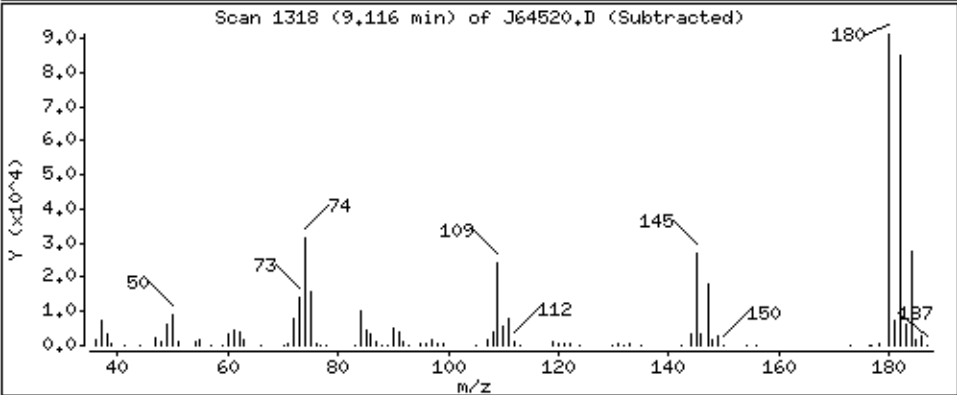
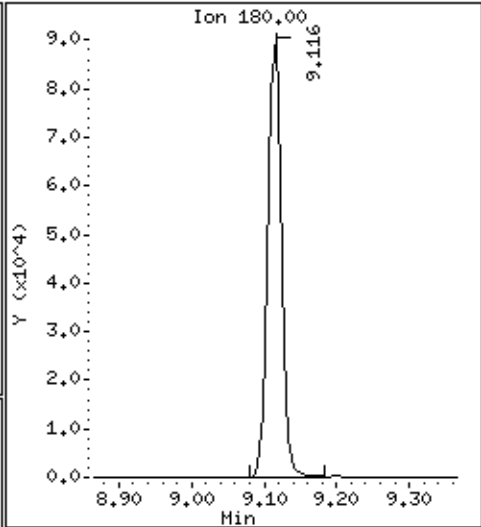
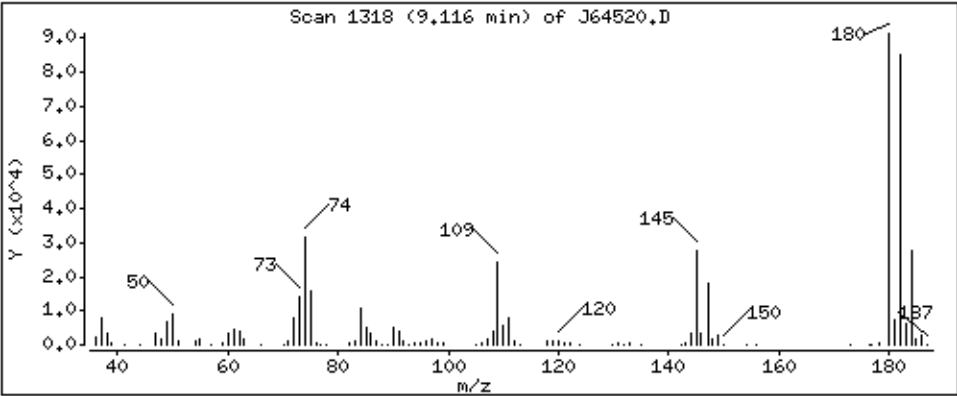
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

123 n-Dodecane Concentration: 109 ug/L Review Code:



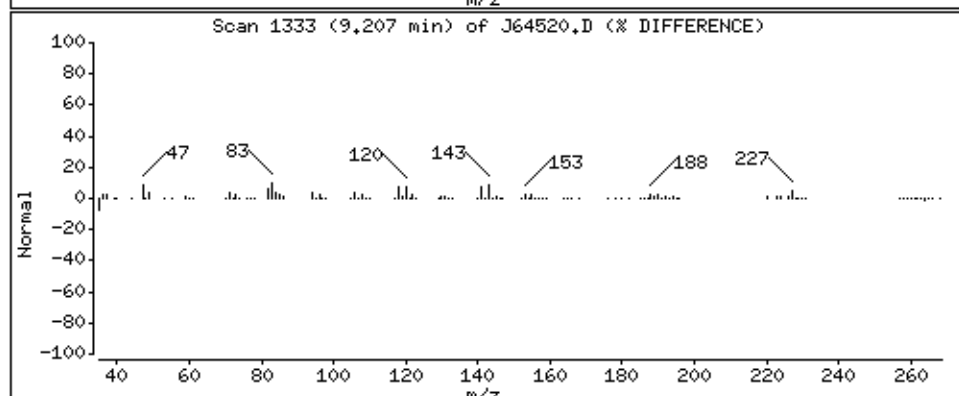
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Sample Info: 964041, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

124 1,2,4-Trichlorobenzene Concentration: 50,9 ug/L Review Code:



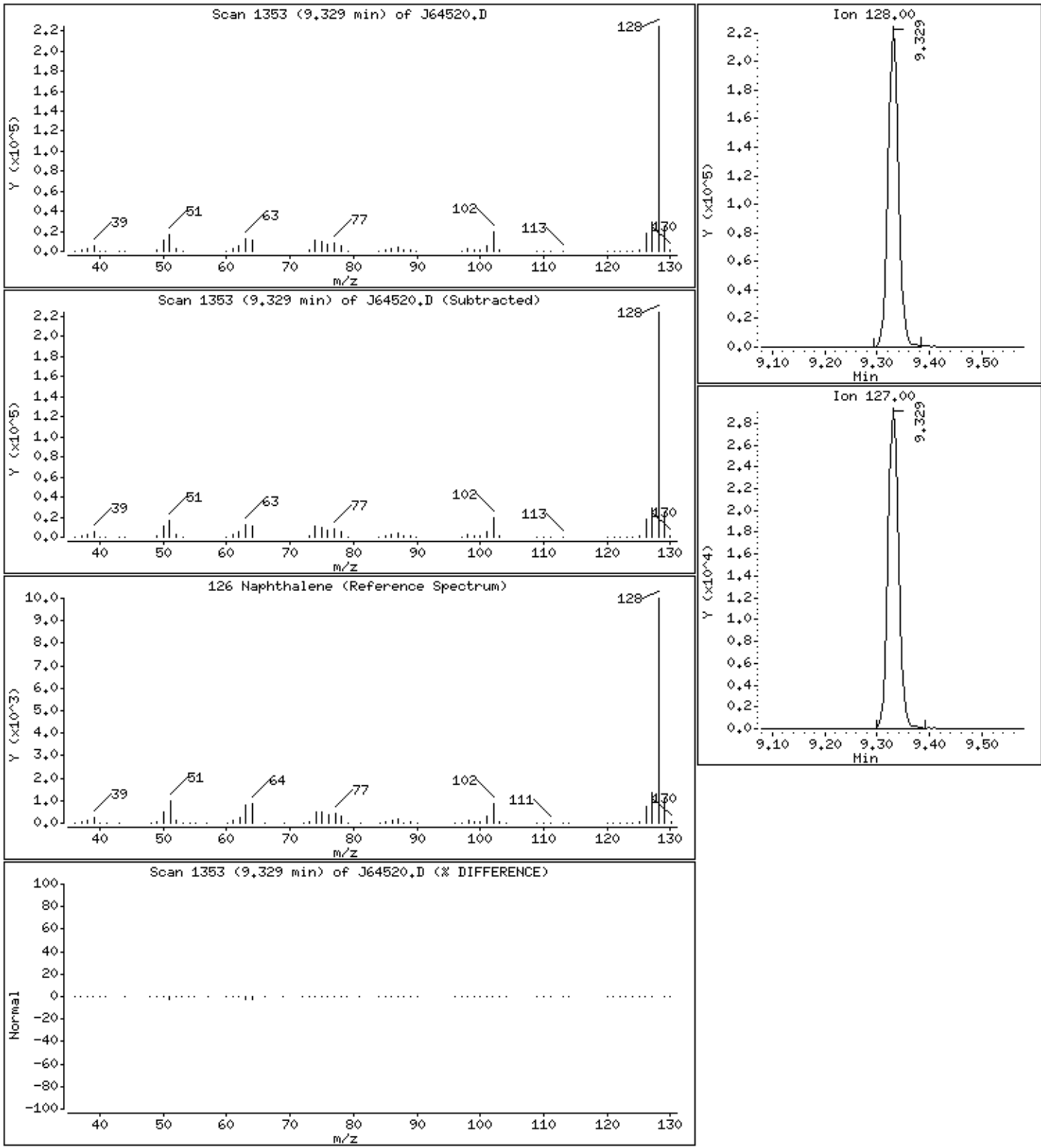
Column diameter: 0.18

Review Code:



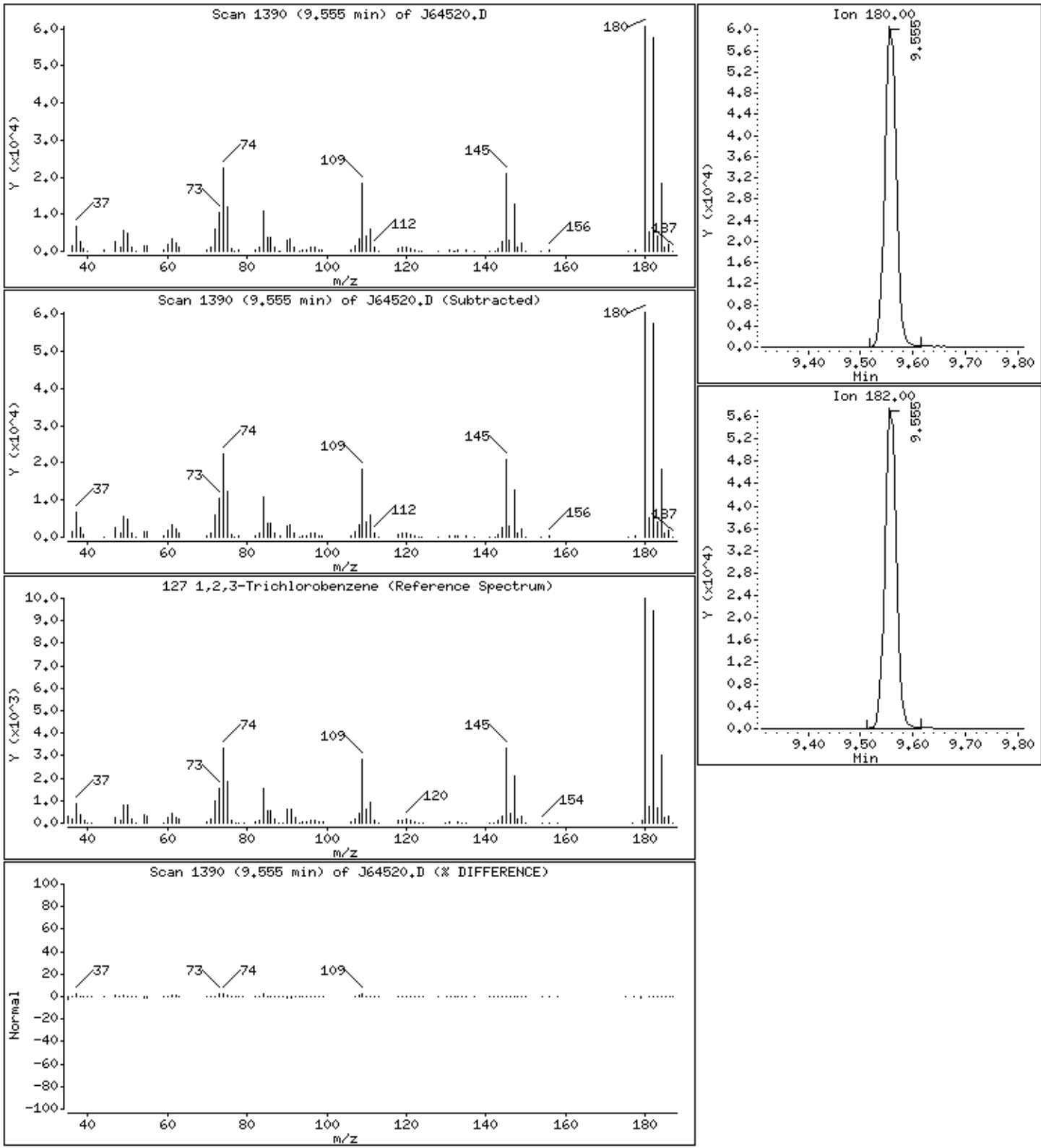
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Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

126 Naphthalene Concentration: 52.5 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64520.D
Date : 12-FEB-2021 11:30
Client ID: MBLCS
Instrument: 70msv6.i
Sample Info: 964041, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

127 1,2,3-Trichlorobenzene Concentration: 45.8 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64520.D
Injection Date: 12-FEB-2021 11:30
Instrument: 70msv6.i
Lab Sample ID: 964041
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MS

Lab Name: Pace Analytical - New York
Date Received: 02/10/2021 13:23
Date Extracted: 02/12/2021 20:09
Date Analyzed: 02/12/2021 20:09
Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Contract: SUTTER AVENUE 2/10
Matrix: Water SDG No.: 70162103
Lab Sample ID: 964042
Lab File ID: 021221.B\J64543.D
Instrument: 70MSV6 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	32.5	
74-97-5	Bromochloromethane	53.0	
75-27-4	Bromodichloromethane	44.4	
56-23-5	Carbon tetrachloride	45.4	
75-00-3	Chloroethane	43.2	
67-66-3	Chloroform	51.1	
74-87-3	Chloromethane	36.5	
96-12-8	1,2-Dibromo-3-chloropropane	36.0	
124-48-1	Dibromochloromethane	49.7	
110-57-6	trans-1,4-Dichloro-2-butene	41.4	
75-34-3	1,1-Dichloroethane	46.0	
75-35-4	1,1-Dichloroethene	49.3	
156-59-2	cis-1,2-Dichloroethene	48.3	
156-60-5	trans-1,2-Dichloroethene	50.6	
78-87-5	1,2-Dichloropropane	42.8	
10061-01-5	cis-1,3-Dichloropropene	43.6	
10061-02-6	trans-1,3-Dichloropropene	45.2	
75-09-2	Methylene Chloride	45.2	
79-34-5	1,1,2,2-Tetrachloroethane	42.2	
127-18-4	Tetrachloroethene	65.2	
71-55-6	1,1,1-Trichloroethane	47.9	
79-00-5	1,1,2-Trichloroethane	45.9	
79-01-6	Trichloroethene	47.1	
75-69-4	Trichlorofluoromethane	53.5	
96-18-4	1,2,3-Trichloropropane	44.4	
75-01-4	Vinyl chloride	40.0	

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Lab Smp Id: 964042 Client Smp ID: MW-11SMS
Inj Date : 12-FEB-2021 20:09 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 964042, 104750:1.25
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 27 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS					CONCENTRATIONS		REVIEW C
		RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
1 Chlorodifluoromethane	51	1.202	1.202	(0.349)	131625	38.5930	38.6	
2 Dichlorotetrafluoroethane	135	1.269	1.263	(0.368)	57682	39.3112	39.3	
3 Dichlorodifluoromethane	85	1.184	1.184	(0.344)	91712	29.2475	29.2 (QR)	
4 Chloromethane	50	1.318	1.318	(0.383)	113283	36.4655	36.5	
5 Vinyl chloride	62	1.385	1.385	(0.402)	133299	40.0322	40.0	
6 1,3-Butadiene	54	1.403	1.403	(0.407)	95645	39.9553	40.0	
7 Acetaldehyde	44	1.470	1.464	(0.427)	20440	34.8348	34.8	
8 Bromomethane	94	1.598	1.598	(0.464)	73429	71.0376	71.0 (R)	
9 Chloroethane	64	1.665	1.666	(0.483)	88115	43.2036	43.2	
10 Dichlorofluoromethane	67	1.793	1.794	(0.521)	208230	49.9978	50.0	
11 Trichlorofluoromethane	101	1.806	1.806	(0.524)	189854	53.4627	53.5	
12 Ethanol	45	1.946	1.946	(0.565)	11574	888.770	889	
13 Diethyl ether (Ethyl ether)	59	1.976	1.976	(0.574)	95623	42.4426	42.4	
16 1,1,2-Trichlorotrifluoroethane	101	2.098	2.098	(0.609)	127361	55.1296	55.1	
14 Acrolein	56	2.098	2.098	(0.609)	12588	26.5727	26.6 (R)	
15 1,1-Dichloroethene	96	2.123	2.123	(0.616)	103444	49.2749	49.3	
17 Acetone	43	2.184	2.184	(0.634)	27363	32.5013	32.5 (R)	
18 Iodomethane	142	2.232	2.232	(0.648)	131131	64.0082	64.0	
19 2-Propanol	45	2.251	2.251	(0.653)	87842	880.364	880	
20 Carbon disulfide	76	2.257	2.257	(0.655)	292674	45.6147	45.6	
21 Allyl chloride	76	2.342	2.342	(0.680)	70654	47.5294	47.5	
22 Acetonitrile	41	2.385	2.385	(0.692)	54383	185.579	186	

Compounds	QUANT SIG					CONCENTRATIONS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
23 Methyl acetate	43	2.354	2.354	(0.683)	131790	38.0878	38.1	
24 Methylene Chloride	84	2.433	2.434	(0.706)	120553	45.2294	45.2	
25 tert-Butyl Alcohol	59	2.476	2.476	(0.719)	37310	201.210	201	
28 Methyl-tert-butyl ether	73	2.543	2.543	(0.738)	374138	47.8081	47.8	
27 trans-1,2-Dichloroethene	96	2.562	2.562	(0.743)	118573	50.5772	50.6	
26 Acrylonitrile	53	2.604	2.604	(0.756)	32429	37.5699	37.6	
30 n-Hexane	57	2.665	2.665	(0.774)	167684	43.4129	43.4	
29 Diisopropyl ether	45	2.799	2.799	(0.812)	353501	41.2007	41.2	
32 Vinyl acetate	43	2.830	2.830	(0.821)	217853	38.4301	38.4	
31 1,1-Dichloroethane	63	2.824	2.824	(0.820)	213399	46.0275	46.0	
33 Chloroprene	53	2.854	2.854	(0.828)	166560	45.1825	45.2	
34 Ethyl-tert-butyl ether	59	3.007	3.007	(0.873)	373912	43.3616	43.4	
36 2,2-Dichloropropane	77	3.141	3.141	(0.912)	187704	45.9396	45.9	
35 cis-1,2-Dichloroethene	96	3.159	3.159	(0.917)	136586	48.2503	48.2	
39 Ethyl acetate	61	3.159	3.159	(0.917)	195255	44.0143	44.0	
37 2-Butanone (MEK)	43	3.171	3.171	(0.920)	73113	32.9314	32.9 (R)	
41 Bromochloromethane	128	3.305	3.305	(0.959)	62571	53.0362	53.0	
42 Tetrahydrofuran	42	3.311	3.312	(0.961)	28342	34.0342	34.0 (R)	
43 Chloroform	83	3.336	3.336	(0.968)	229045	51.0827	51.1	
38 Propionitrile	54	3.250	3.251	(0.943)	11573	34.8094	34.8 (R)	
46 Cyclohexane	56	3.421	3.421	(0.993)	224344	40.6042	40.6	
45 1,1,1-Trichloroethane	97	3.427	3.427	(0.882)	197495	47.9179	47.9	
* 44 Pentafluorobenzene (IS)	168	3.445	3.446	(1.000)	281880	50.0000		
48 Carbon tetrachloride	117	3.506	3.507	(0.903)	147335	45.4321	45.4	
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	179184	46.8387	46.8	
55 2,2,4-Trimethylpentane	57	3.622	3.622	(1.051)	308806	41.2459	41.2	
51 Benzene	78	3.647	3.647	(0.939)	450712	43.6192	43.6	
40 Methacrylonitrile	67	3.317	3.318	(0.963)	44190	42.0113	42.0	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	191027	48.9679	49.0	
56 tert-Amylmethyl ether	73	3.677	3.677	(1.067)	348262	43.9263	43.9	
52 1,2-Dichloroethane	62	3.695	3.696	(1.073)	174521	47.5356	47.5	
57 n-Heptane	43	3.726	3.726	(1.081)	157498	39.1115	39.1	
* 58 1,4-Difluorobenzene (IS)	114	3.884	3.885	(1.000)	515423	50.0000		
59 Trichloroethene	95	4.031	4.031	(1.038)	129384	47.0911	47.1	
60 Methylcyclohexane	83	4.110	4.110	(1.058)	256498	49.2263	49.2	
49 Isobutanol	43	3.592	3.592	(1.042)	11376	147.549	148 (R)	
53 tert-Amyl Alcohol	59	Compound Not Detected.						
54 tert-Amyl ethyl ether	59	4.134	4.135	(1.200)	282618	41.5844	41.6	
61 1,2-Dichloropropane	63	4.201	4.202	(1.082)	116242	42.7847	42.8	
63 Methyl methacrylate	69	4.232	4.232	(1.089)	78048	41.7905	41.8	
64 1,4-Dioxane (p-Dioxane)	88	4.268	4.269	(1.099)	14489	1061.39	1060	
62 Dibromomethane	93	4.281	4.281	(1.102)	73839	48.8755	48.9	
65 Bromodichloromethane	83	4.366	4.366	(1.124)	161154	44.4342	44.4	
66 2-Nitropropane	43	4.549	4.549	(1.171)	18008	13.7229	13.7 (R)	
67 2-Chloroethylvinyl ether	63	Compound Not Detected.						
68 cis-1,3-Dichloropropene	75	4.646	4.647	(1.196)	195556	43.6319	43.6	
69 4-Methyl-2-pentanone (MIBK)	43	4.732	4.732	(1.218)	93970	36.1396	36.1	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	642758	53.2298	53.2	
71 Toluene	91	4.835	4.836	(1.245)	561978	48.4434	48.4	
72 Methyl isothiocyanate	73	4.963	4.964	(1.278)	178073	99.7506	99.8	
74 trans-1,3-Dichloropropene	75	5.024	5.025	(1.293)	180044	45.2318	45.2	
75 Ethyl methacrylate	69	5.031	5.031	(1.295)	149839	43.5901	43.6	
76 1,1,2-Trichloroethane	83	5.152	5.153	(1.326)	89622	45.9242	45.9	
77 Tetrachloroethene	166	5.195	5.195	(0.895)	179039	65.2263	65.2 (R)	

Compounds	QUANT SIG					CONCENTRATIONS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
78 1,3-Dichloropropane	76	5.274	5.275	(0.909)	196838	47.6699	47.7	
79 2-Hexanone	43	5.293	5.293	(0.912)	60480	33.7594	33.8 (R)	
73 n-Octane	43	4.842	4.842	(1.246)	150556	37.4918	37.5 (Q)	
81 n-Butyl acetate	43	5.348	5.348	(1.377)	51089	36.3992	36.4	
80 Dibromochloromethane	129	5.409	5.409	(0.932)	107183	49.6718	49.7	
82 1,2-Dibromoethane (EDB)	107	5.506	5.506	(1.417)	115604	49.9151	49.9	
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	265897	50.0000		
84 Chlorobenzene	112	5.823	5.823	(1.003)	363114	52.5829	52.6	
86 Ethylbenzene	106	5.872	5.872	(1.012)	212718	52.2308	52.2	
85 1,1,1,2-Tetrachloroethane	131	5.884	5.884	(1.014)	113752	50.1868	50.2	
88 n-Nonane	43	5.902	5.903	(1.017)	123904	45.7801	45.8 (Q)	
87 m&p-Xylene	106	5.957	5.957	(1.026)	526156	105.921	106	
89 o-Xylene	106	6.250	6.250	(1.077)	252713	52.1385	52.1	
90 Styrene	104	6.268	6.268	(1.080)	418547	52.8036	52.8	
91 Bromoform	173	6.433	6.433	(1.108)	51544	42.6830	42.7	
92 Isopropylbenzene (Cumene)	105	6.506	6.506	(0.863)	685481	49.8735	49.9	
\$ 93 4-Bromofluorobenzene (S)	95	6.664	6.665	(1.148)	231171	50.3432	50.3	
94 Bromobenzene	156	6.780	6.780	(0.899)	143830	48.6196	48.6	
95 1,1,2,2-Tetrachloroethane	83	6.786	6.786	(0.900)	132470	42.2020	42.2	
98 n-Propylbenzene	91	6.817	6.817	(0.904)	808051	50.8947	50.9	
96 1,2,3-Trichloropropane	110	6.829	6.835	(0.905)	46044	44.3717	44.4 (Q)	
97 trans-1,4-Dichloro-2-butene	53	6.841	6.841	(0.907)	36830	41.3959	41.4	
103 n-Decane	43	6.896	6.896	(1.188)	132680	66.4098	66.4 (Q)	
99 2-Chlorotoluene	91	6.908	6.908	(0.916)	524862	48.3416	48.3	
100 4-Ethyltoluene	105	6.902	6.902	(0.915)	693203	51.2846	51.3	
101 1,3,5-Trimethylbenzene	105	6.951	6.957	(0.922)	549377	49.4953	49.5	
102 4-Chlorotoluene	91	7.000	7.000	(0.928)	458036	46.9798	47.0	
104 tert-Butylbenzene	119	7.189	7.195	(0.953)	474517	50.8788	50.9	
105 Pentachloroethane	167	7.244	7.244	(0.960)	69317	46.5159	46.5	
106 1,2,4-Trimethylbenzene	105	7.244	7.244	(0.960)	538541	50.6535	50.6	
107 sec-Butylbenzene	105	7.359	7.360	(0.976)	700304	51.7282	51.7	
109 d-Limonene	136	7.426	7.427	(1.279)	30972	49.5764	49.6	
110 p-Isopropyltoluene	119	7.469	7.475	(0.990)	590887	53.2321	53.2	
108 1,3-Dichlorobenzene	146	7.487	7.488	(0.993)	278501	51.9516	52.0	
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.542	7.542	(1.000)	244905	50.0000		
112 1,4-Dichlorobenzene	146	7.561	7.567	(1.002)	283398	51.6171	51.6	
113 1,2,3-Trimethylbenzene	105	7.573	7.573	(1.004)	551759	50.8782	50.9	
114 Benzyl chloride	91	7.670	7.670	(1.017)	197224	35.0973	35.1	
115 trans-Decalin	138	7.762	7.768	(1.029)	107472	48.9409	48.9	
116 1,4-Diethylbenzene	119	7.768	7.774	(1.030)	326841	54.1411	54.1	
117 n-Butylbenzene	91	7.792	7.792	(1.033)	625844	53.0691	53.1	
119 n-Undecane	43	7.817	7.817	(1.036)	127538	110.711	111 (Q)	
118 1,2-Dichlorobenzene	146	7.853	7.853	(1.041)	257301	50.5166	50.5	
120 cis-Decalin	138	8.207	8.207	(1.088)	87695	49.2208	49.2	
121 1,2,4,5-tetramethylbenzene	119	8.390	8.396	(1.112)	456904	62.4721	62.5	
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	20010	36.0117	36.0	
123 n-Dodecane	43	Compound Not Detected.						(Q)
124 1,2,4-Trichlorobenzene	180	9.115	9.115	(1.209)	116951	48.2541	48.2	
125 Hexachloro-1,3-butadiene	225	9.207	9.207	(1.221)	48523	44.1337	44.1	
126 Naphthalene	128	9.328	9.329	(1.237)	403714	66.3375	66.3 (R)	
127 1,2,3-Trichlorobenzene	180	9.554	9.560	(1.267)	88866	42.5541	42.6	

Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Report Date: 15-Feb-2021 11:55

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Review Codes Legend

:

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Report Date: 15-Feb-2021 11:55

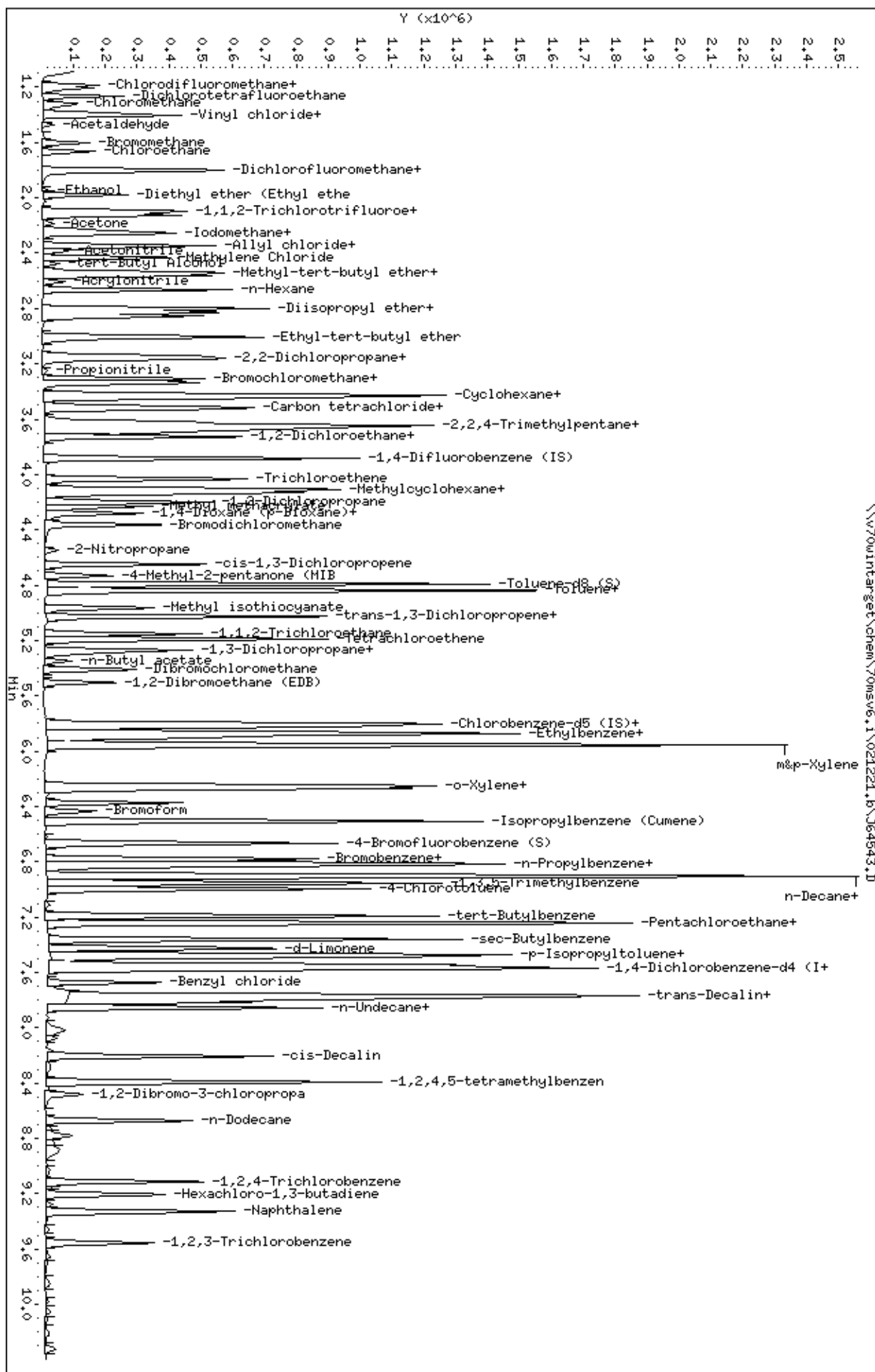
Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1
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Inj Date : 12-FEB-2021 20:09 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 964042, 104750:1.25
Misc Info : 11006,
Comment :
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Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 27 QC Sample: MS
Dil Factor: 1.00000
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Target Version: RC10A
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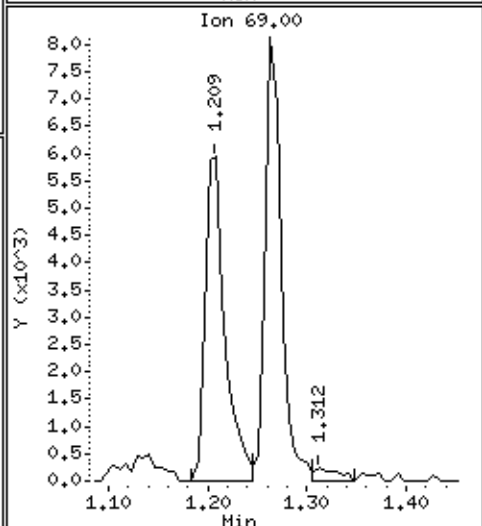
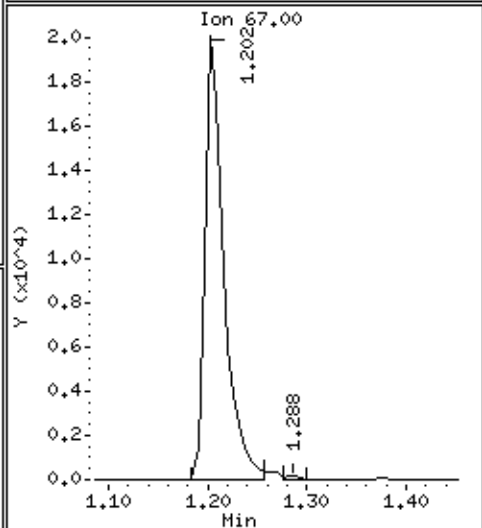
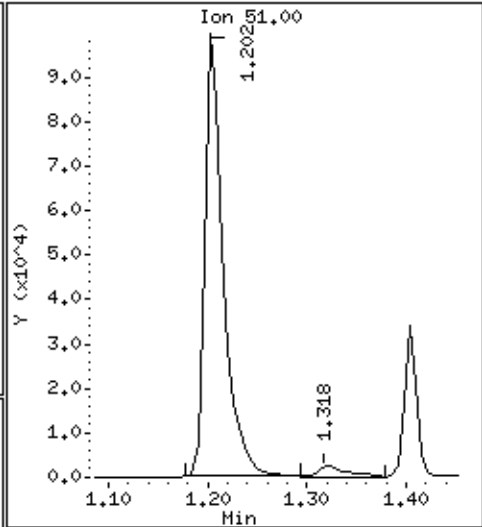
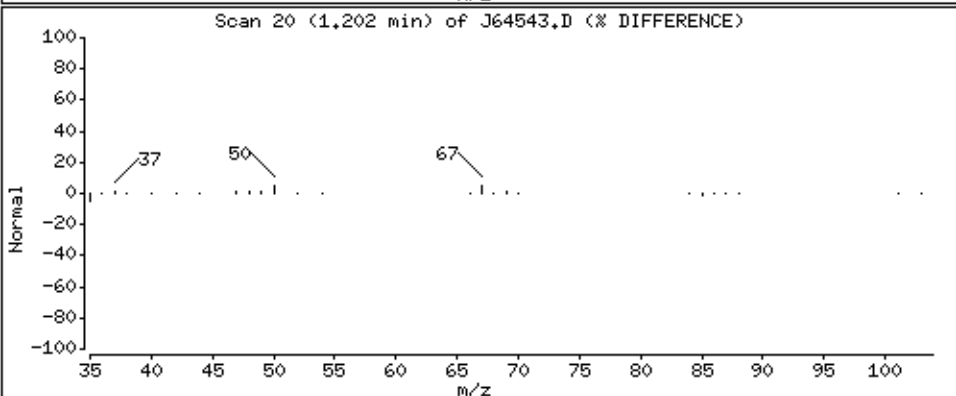
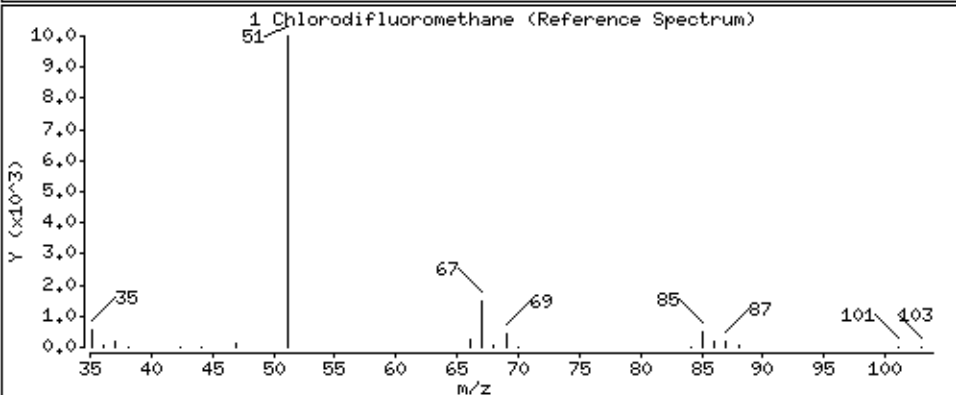
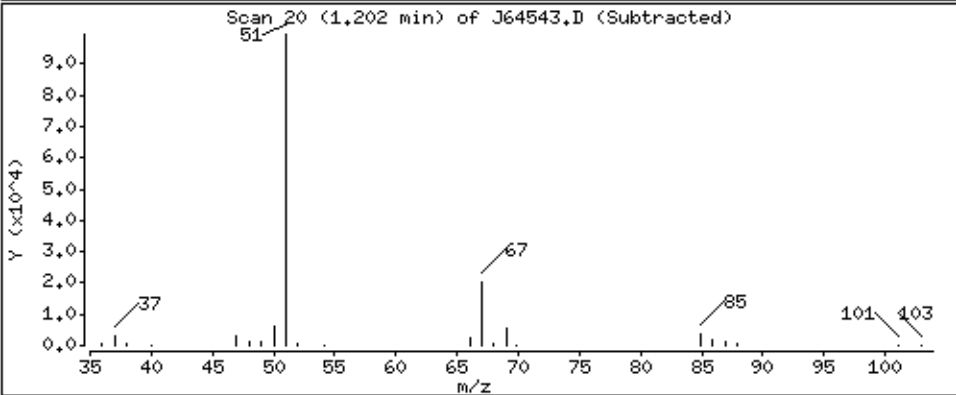
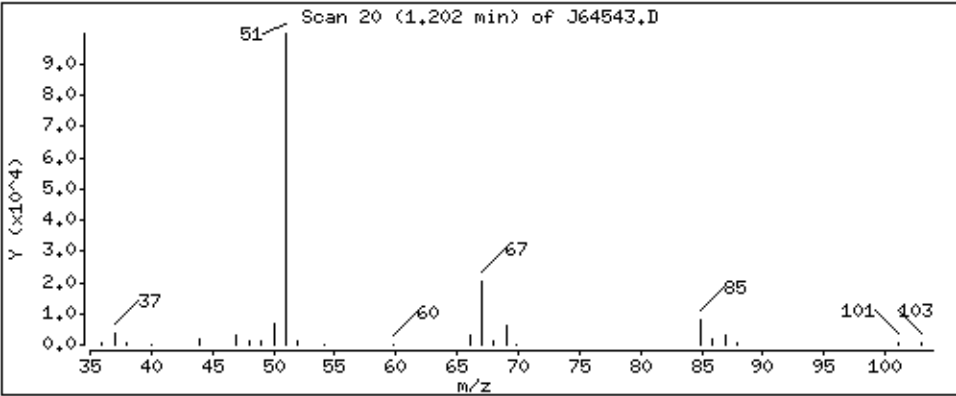
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 Date : 12-FEB-2021 20:09
 Client ID: HM-11SMS
 Sample Info: 964042, 104750:1.25
 Purge Volume: 5.0
 Column phase: RTX-624

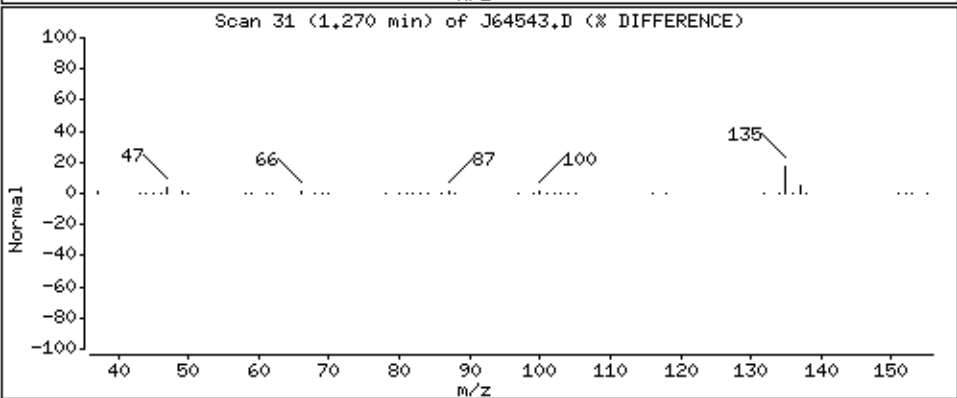
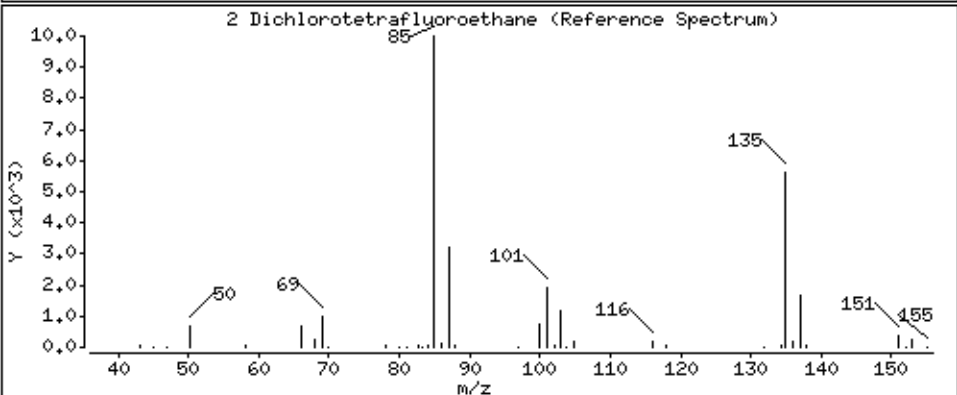
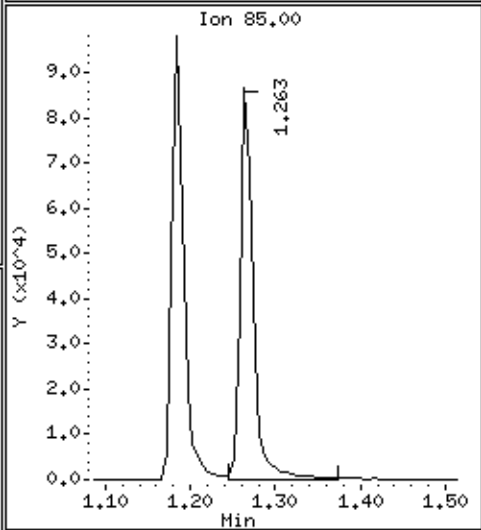
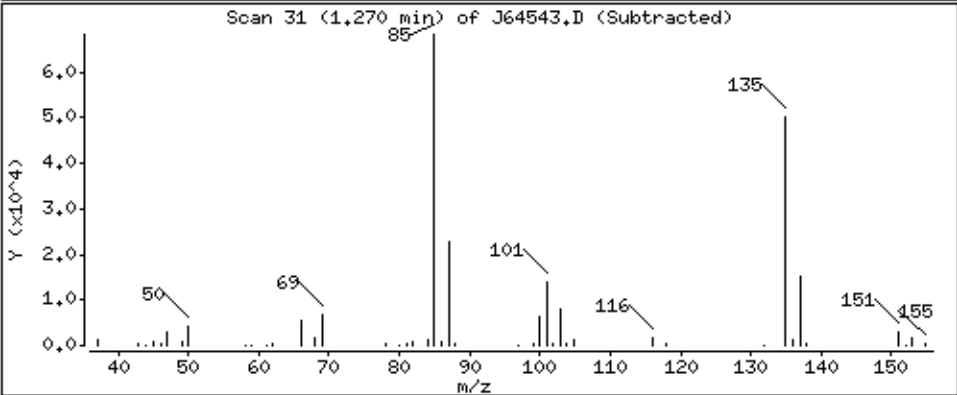
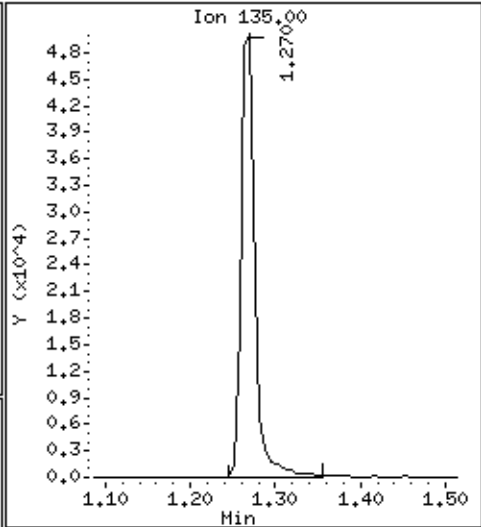
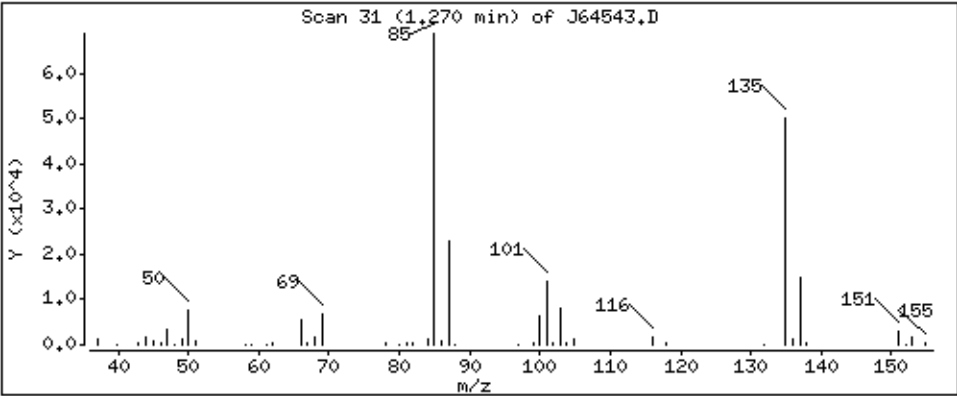
Instrument: 70msv6.i
 Operator: BBL
 Column diameter: 0.18



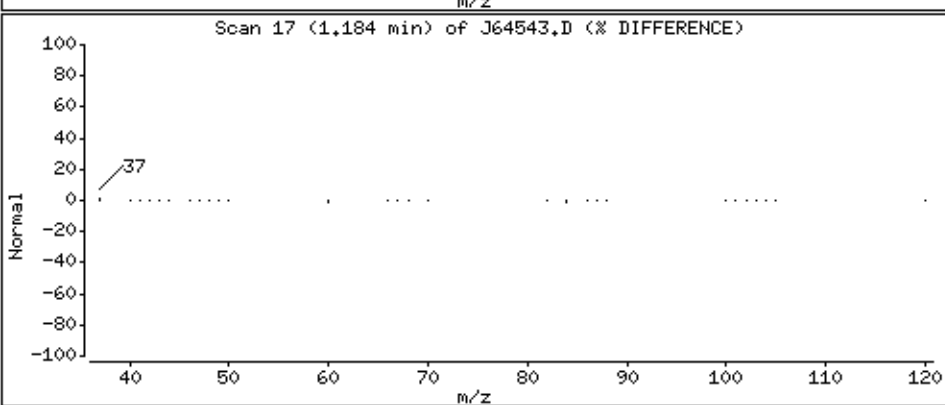
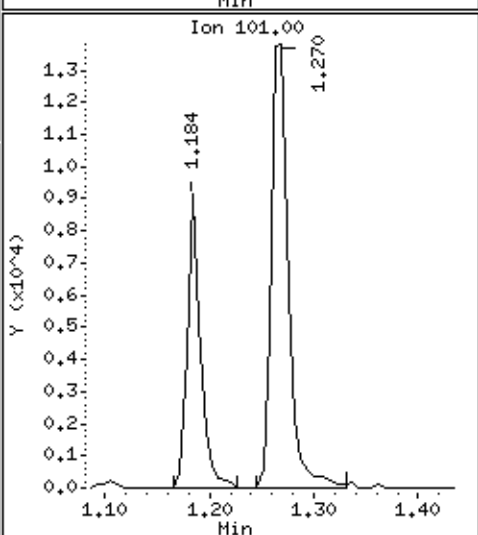
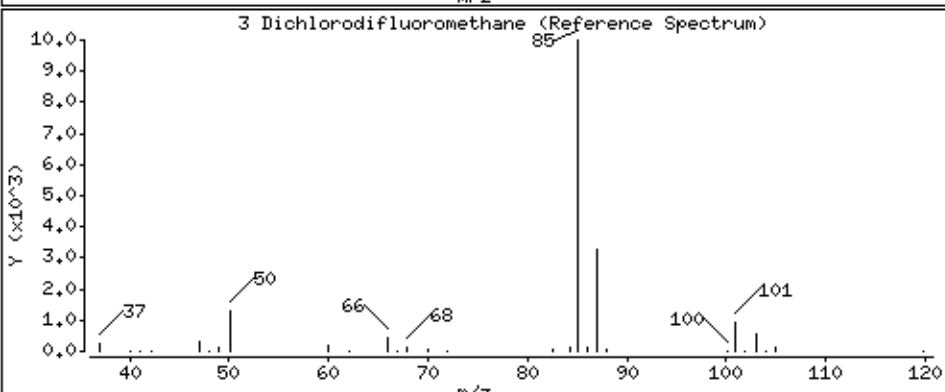
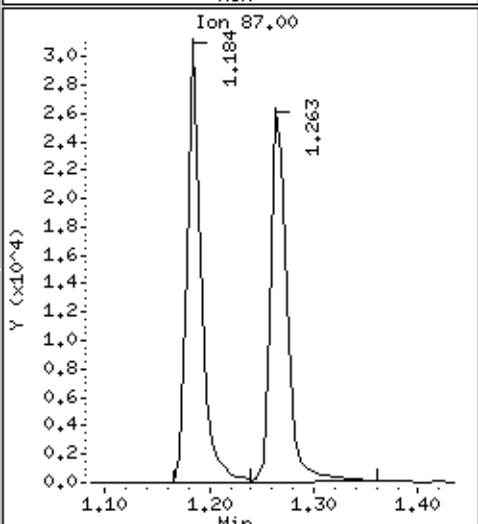
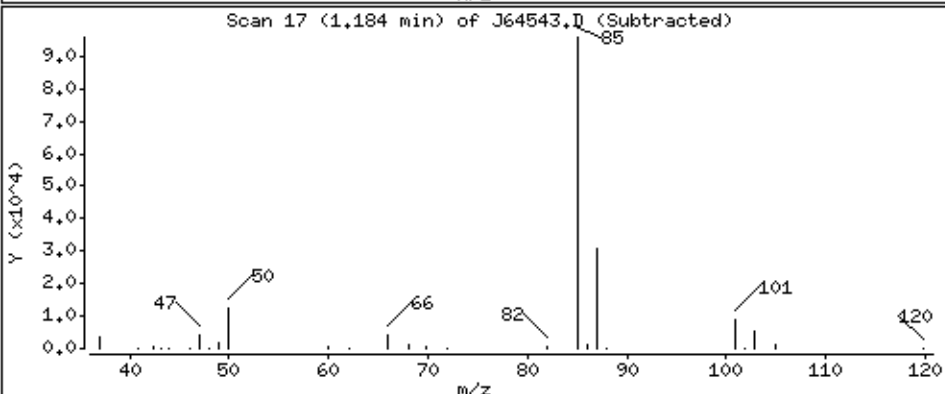
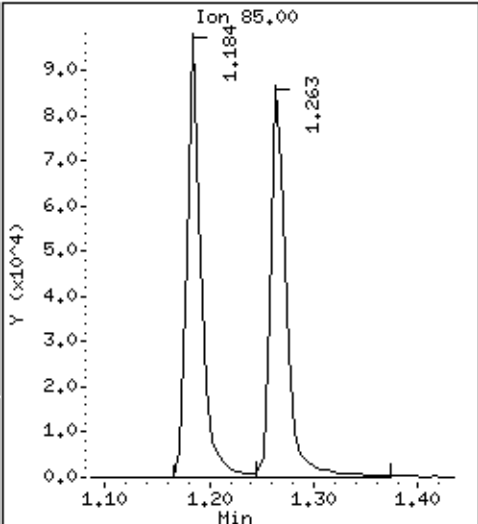
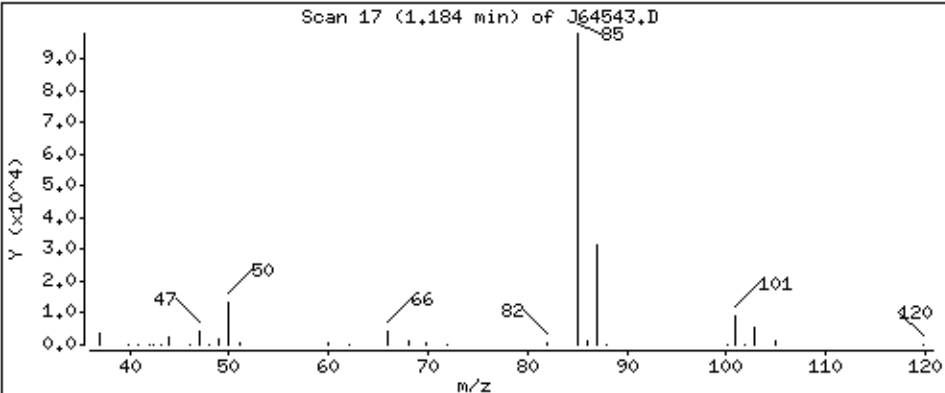
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
1 Chlorodifluoromethane
Concentration: 38.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



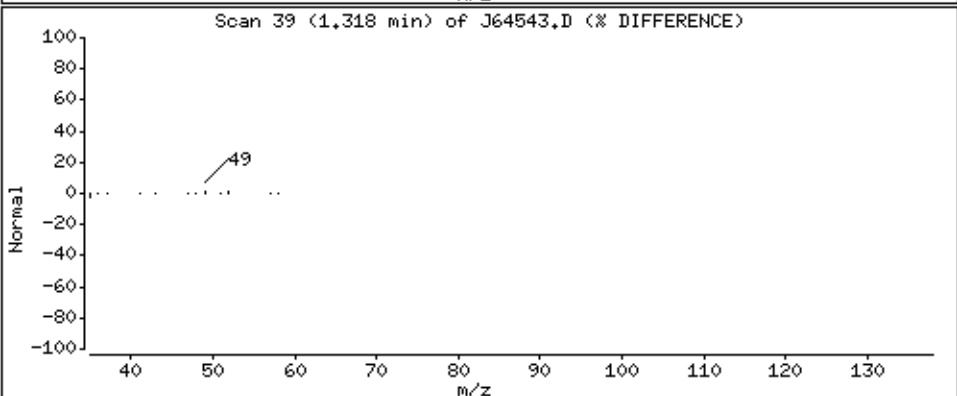
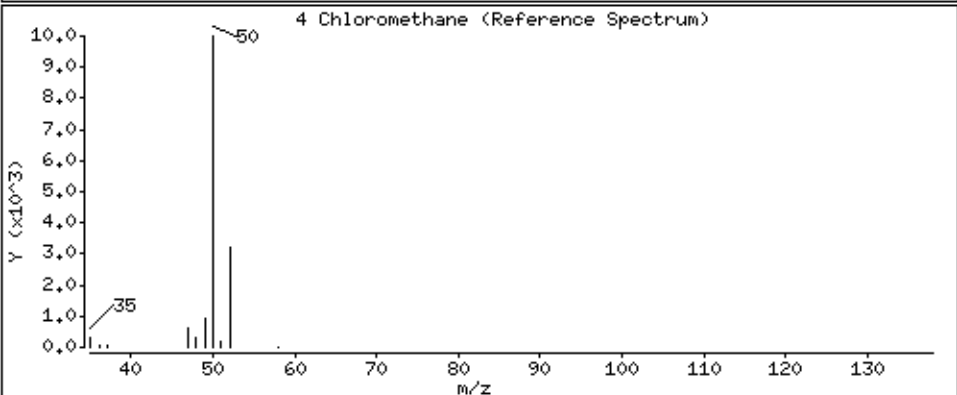
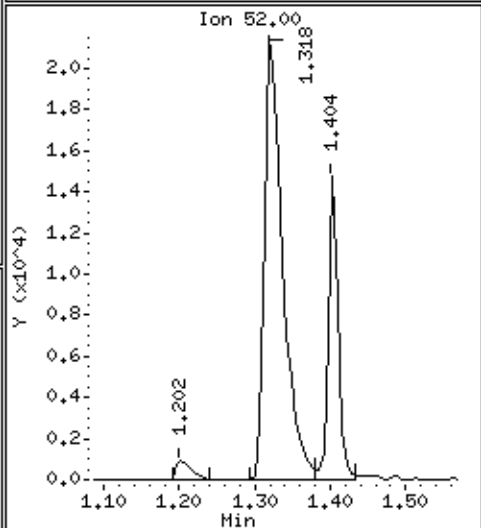
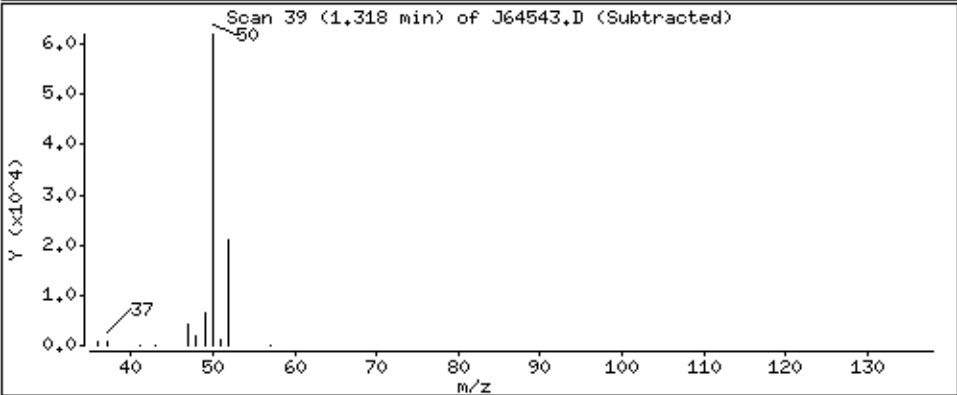
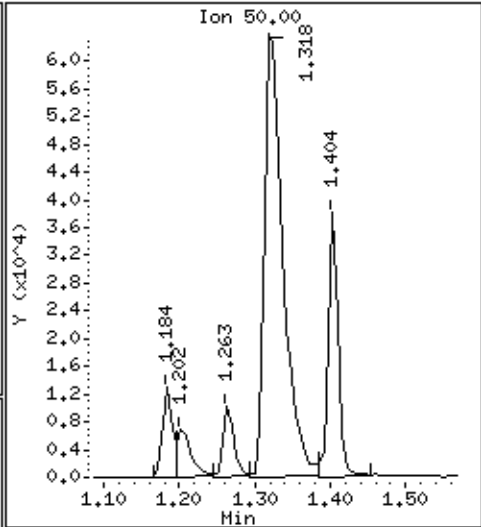
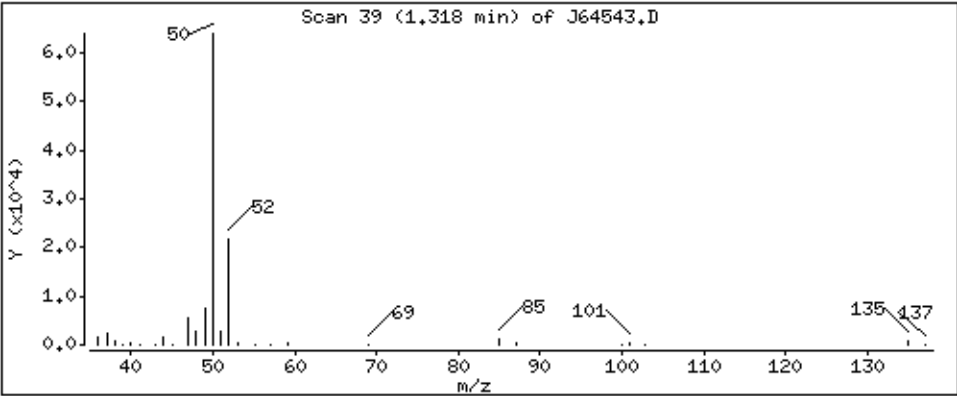
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
2 Dichlorotetrafluoroethane
Concentration: 39.3 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



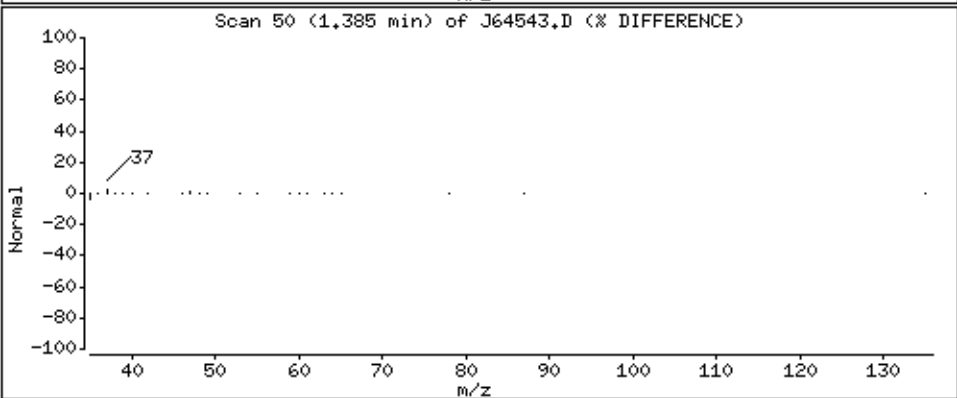
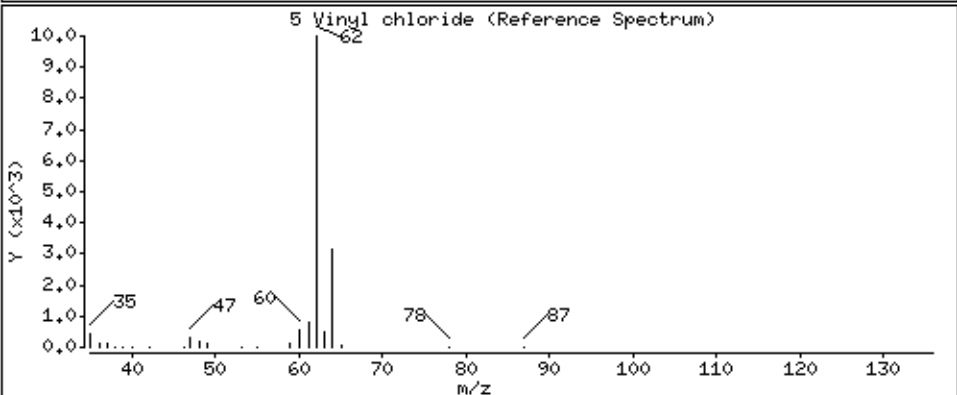
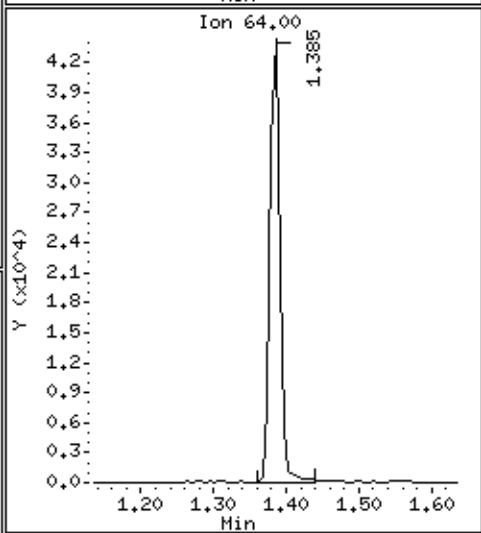
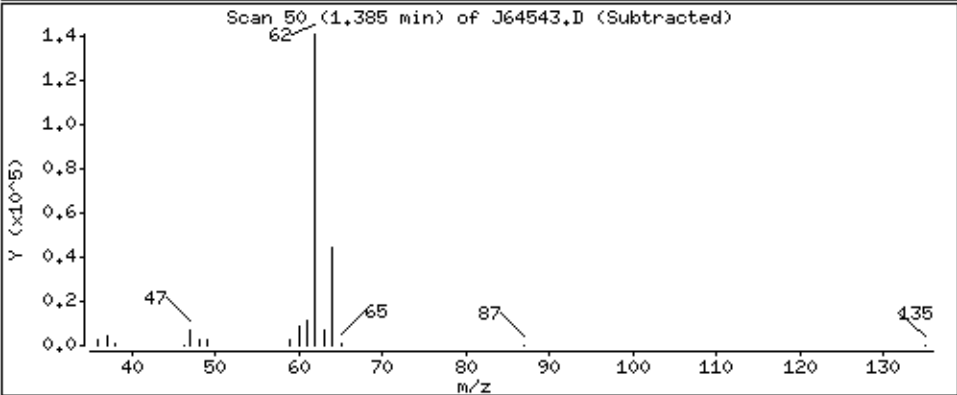
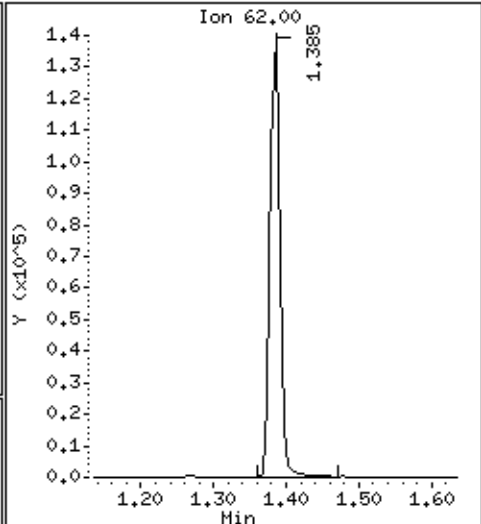
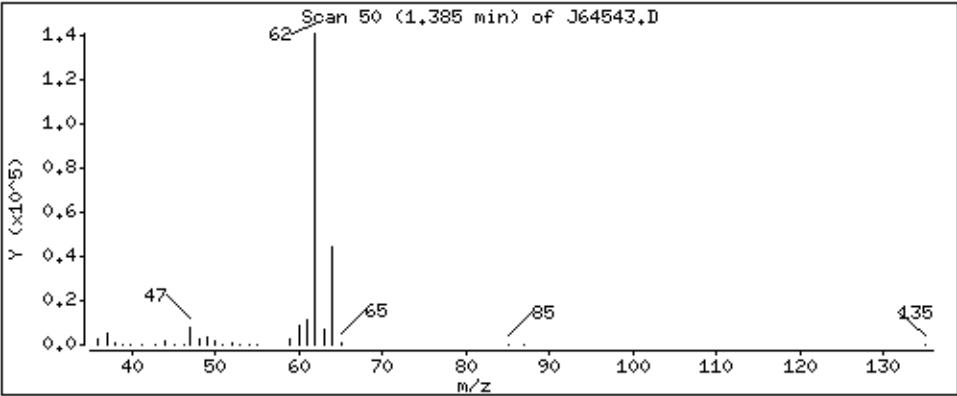
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
3 Dichlorodifluoromethane
Concentration: 29.2 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



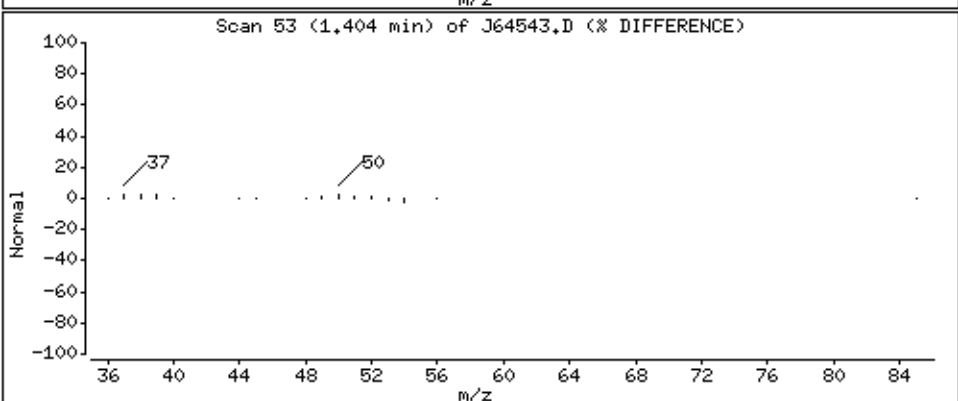
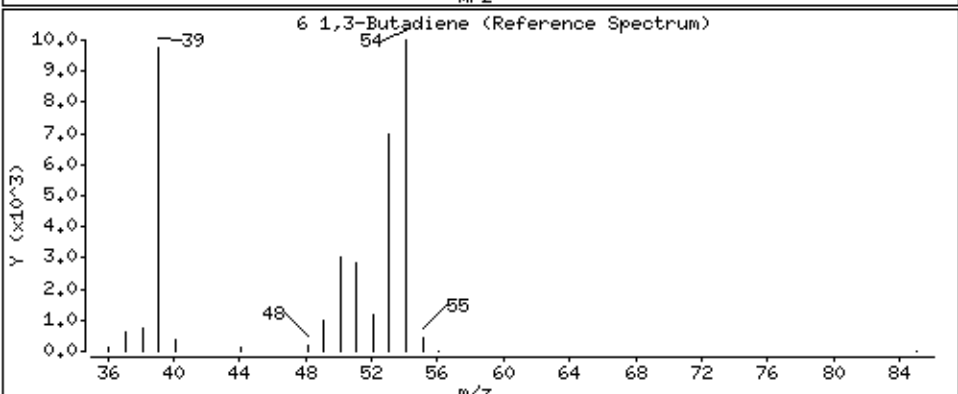
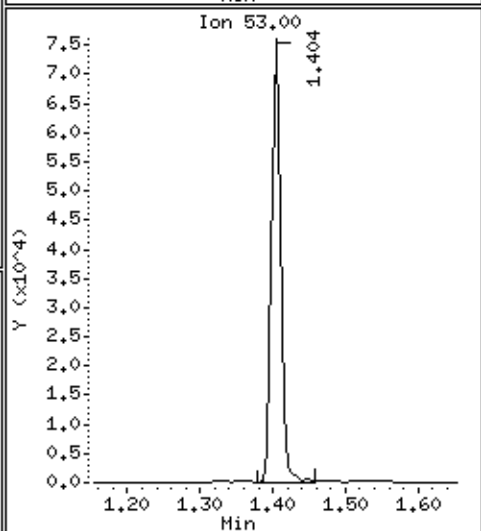
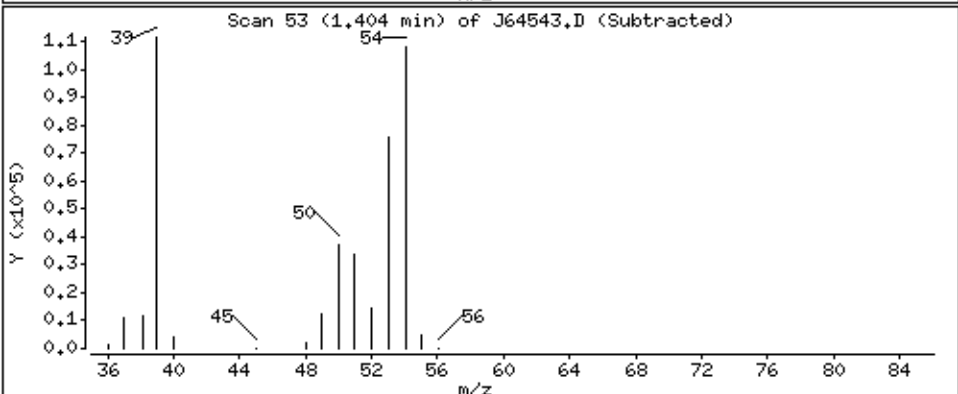
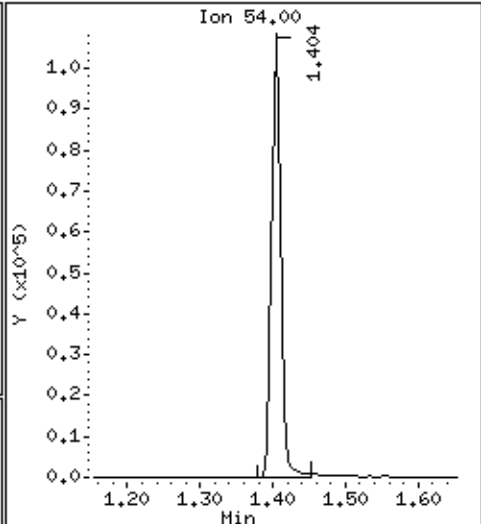
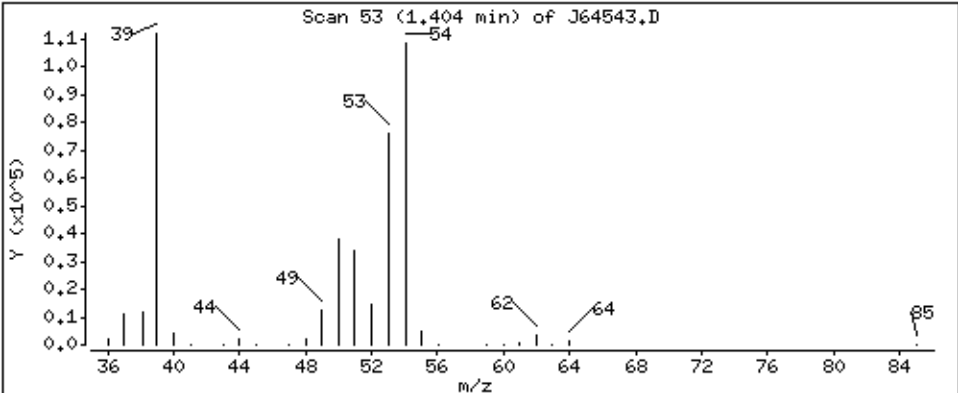
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
4 Chloromethane
Concentration: 36.5 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



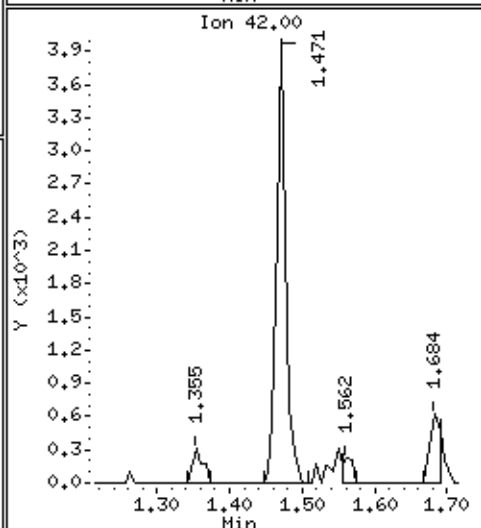
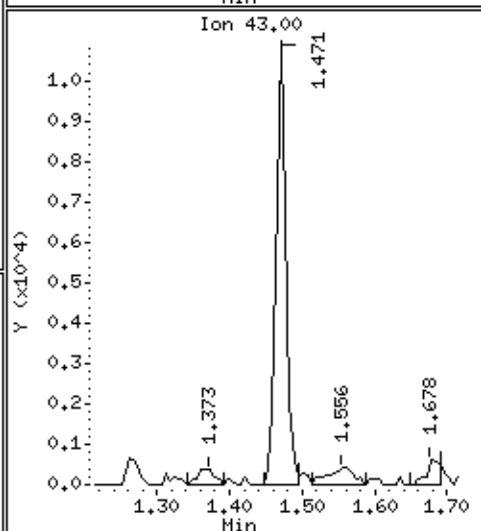
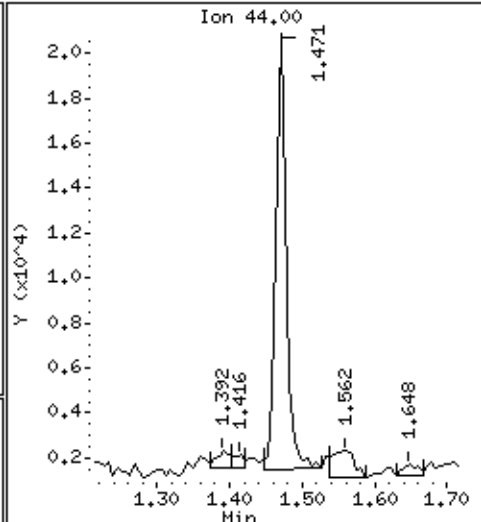
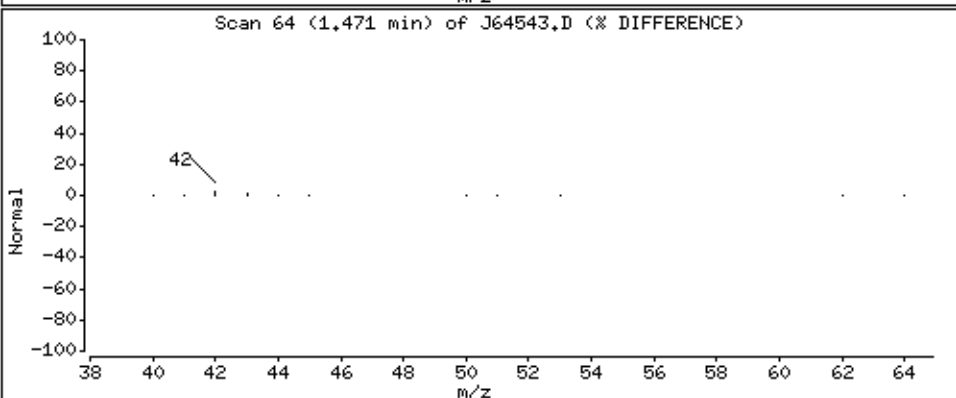
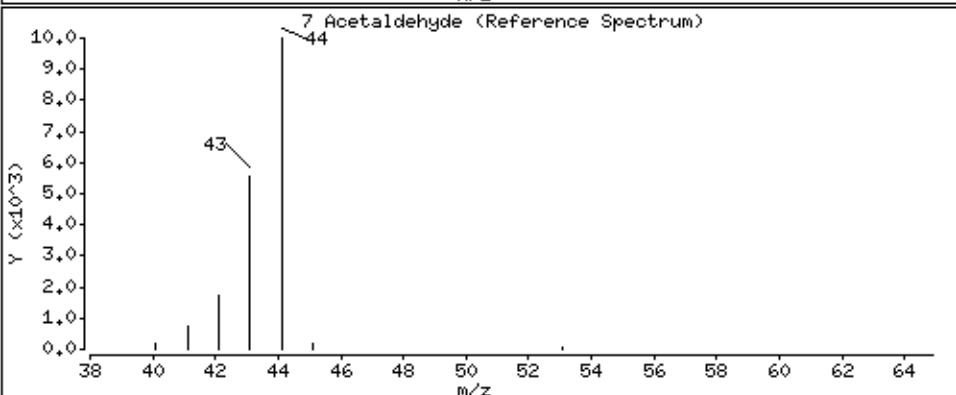
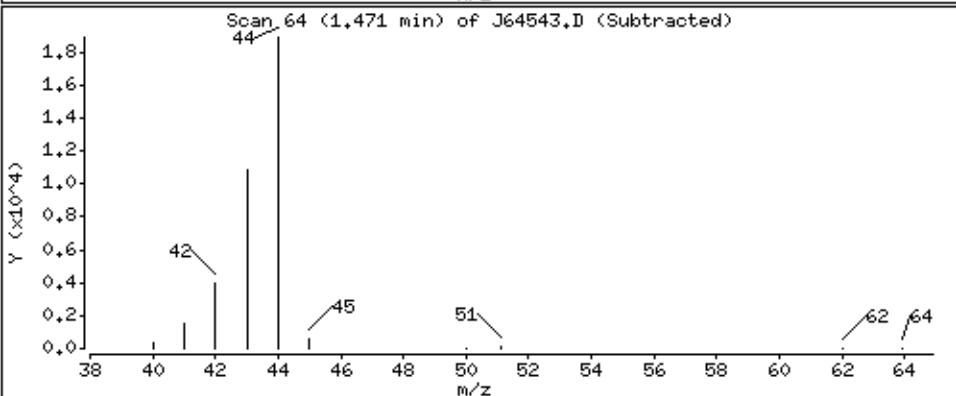
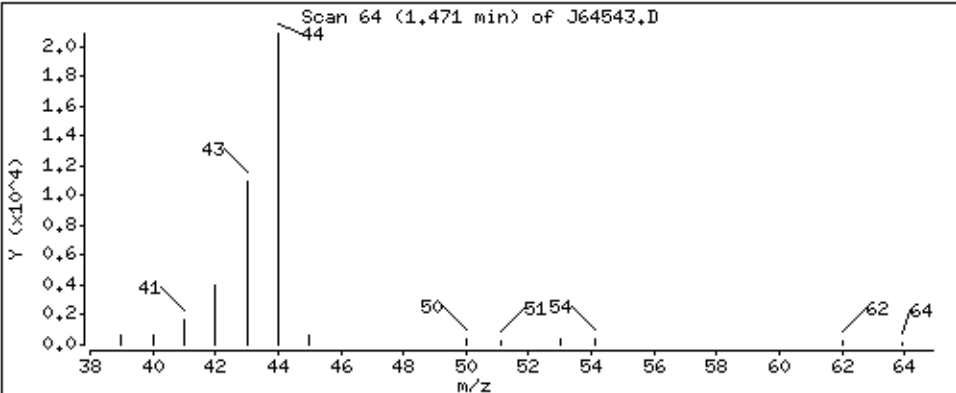
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
5 Vinyl chloride
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Concentration: 40.0 ug/L
Review Code:



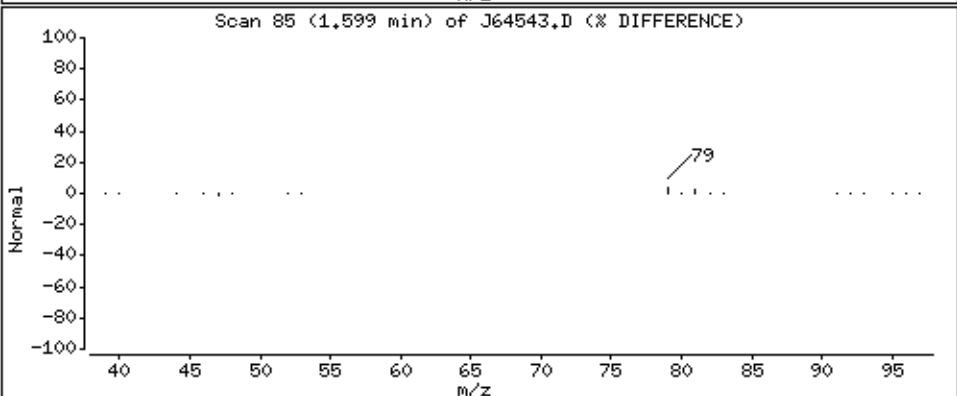
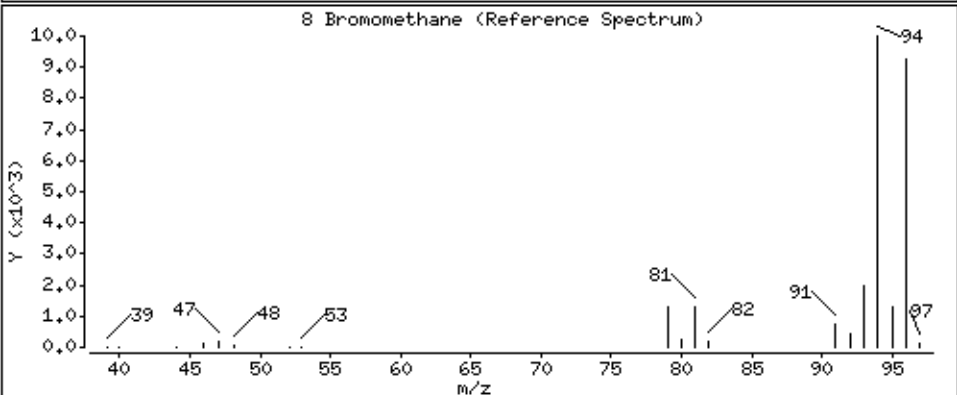
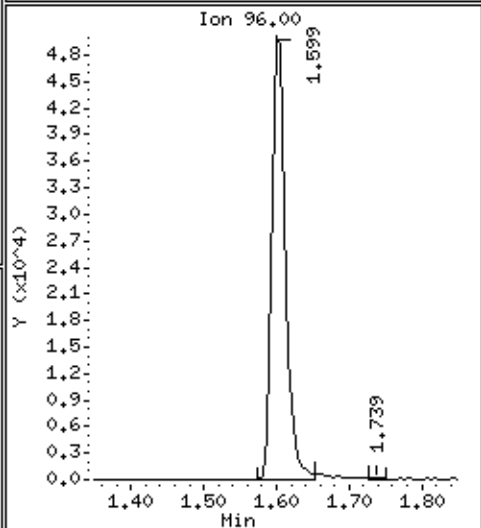
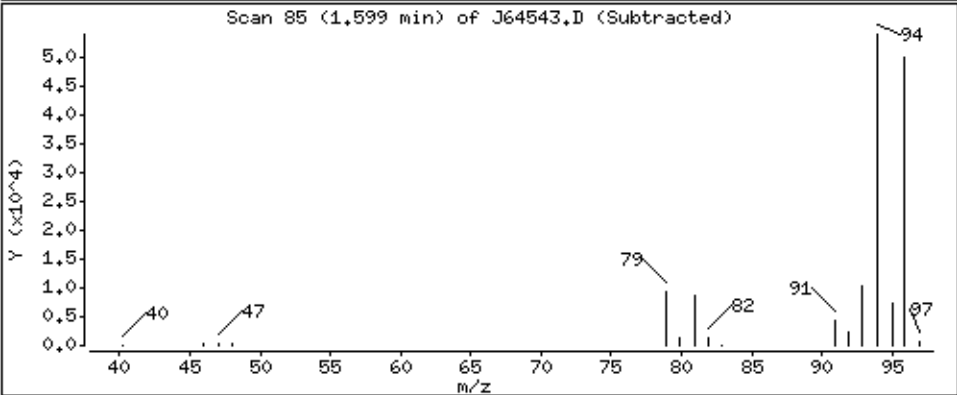
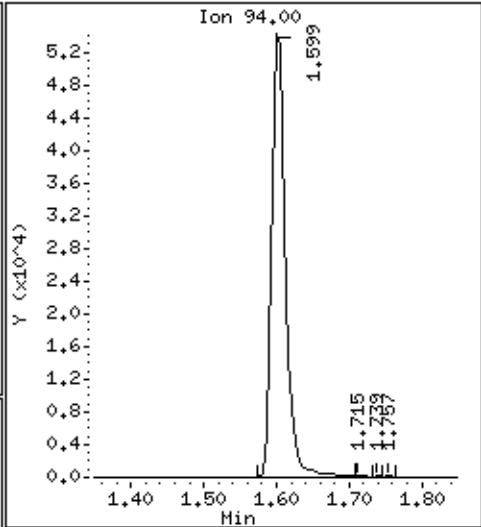
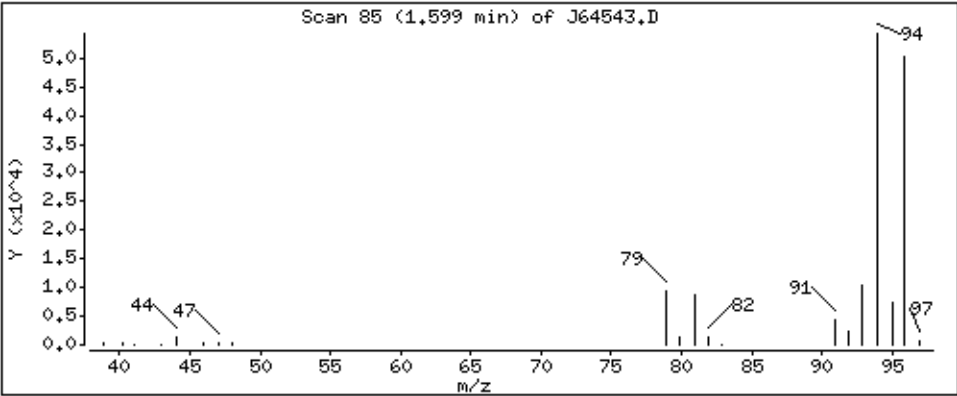
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Client ID: MW-11SMS
Sample Info: 964042, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 40.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



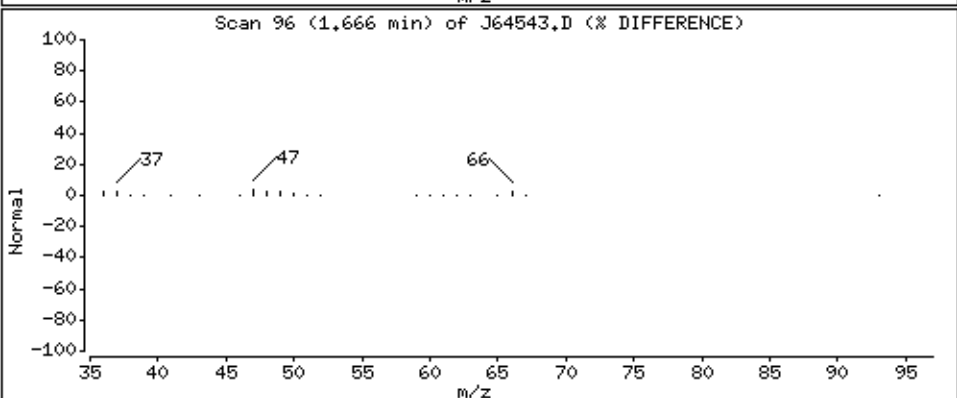
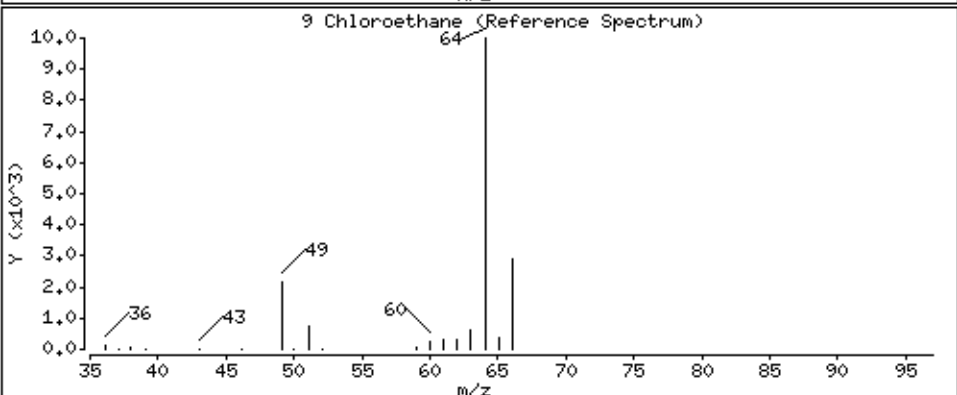
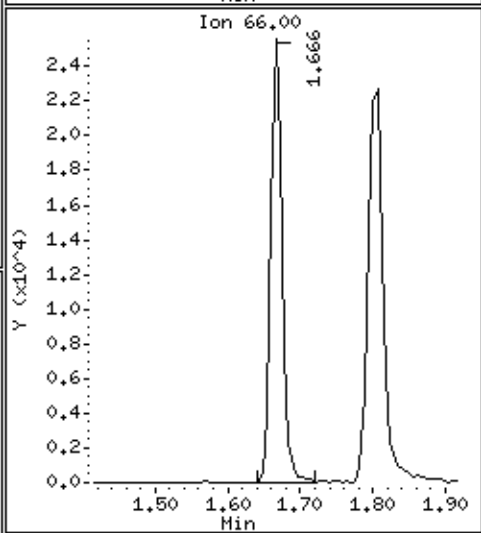
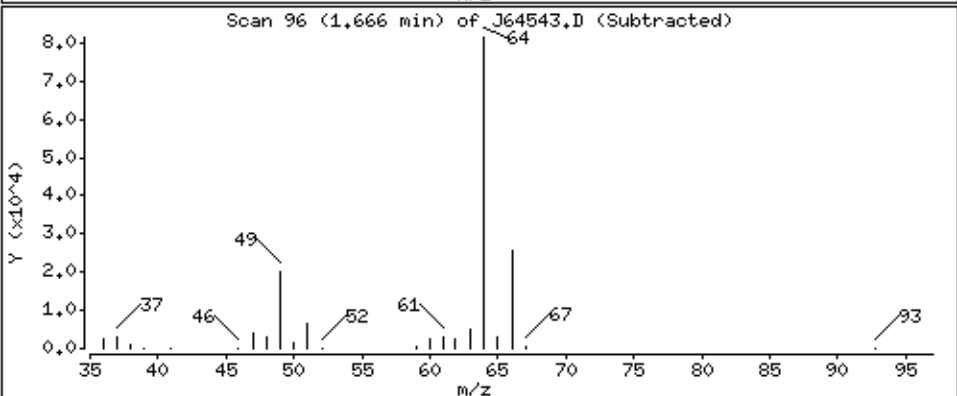
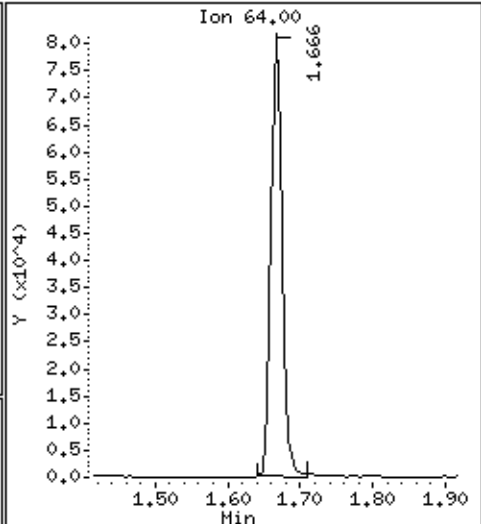
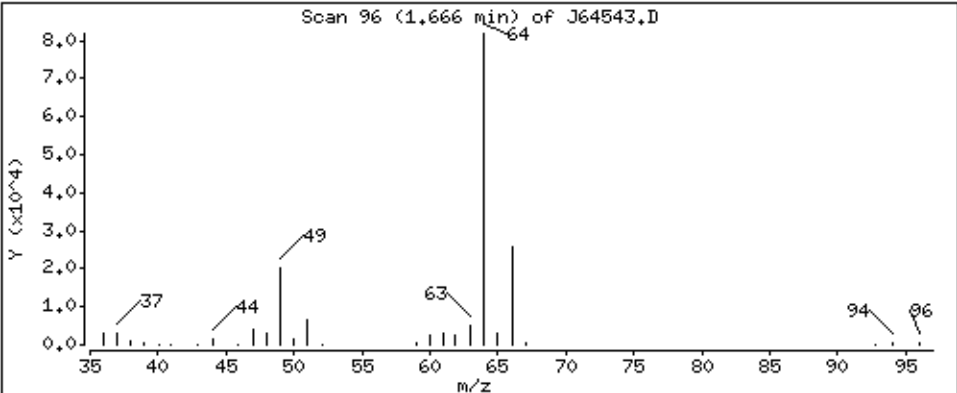
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
7 Acetaldehyde
Concentration: 34.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



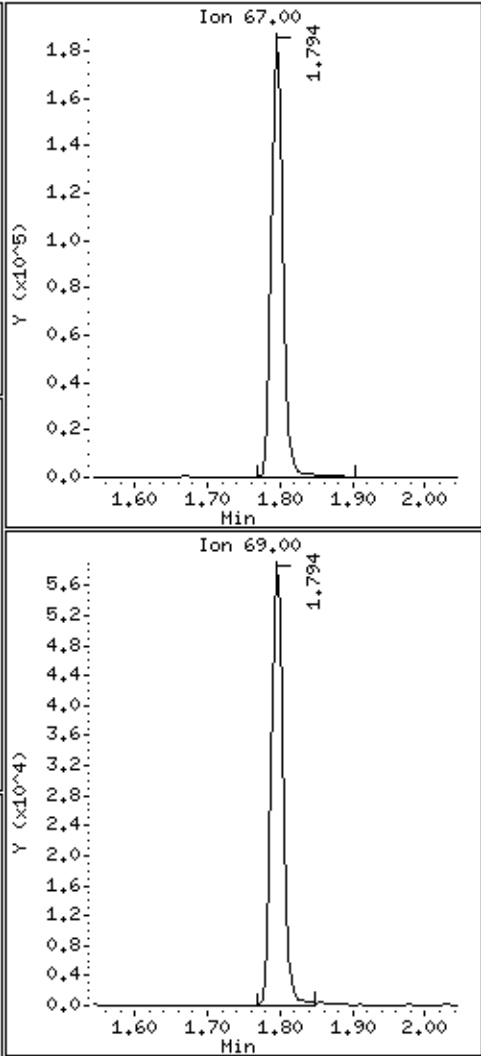
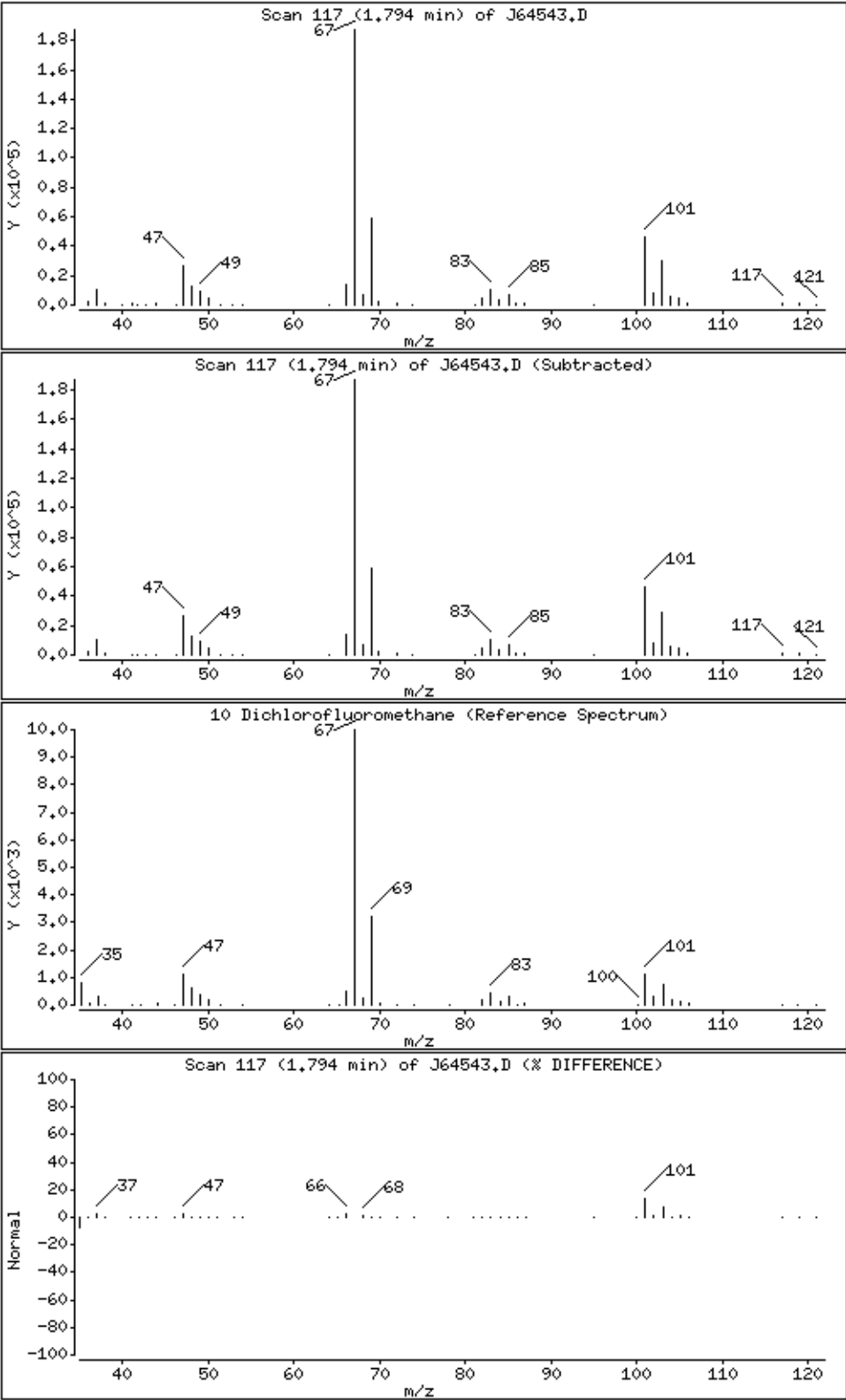
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
8 Bromomethane
Concentration: 71.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
9 Chloroethane
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Concentration: 43.2 ug/L
Review Code:

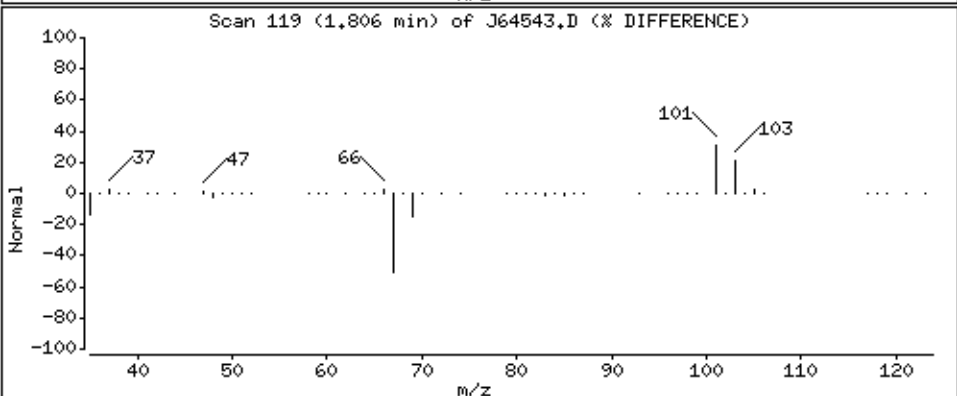
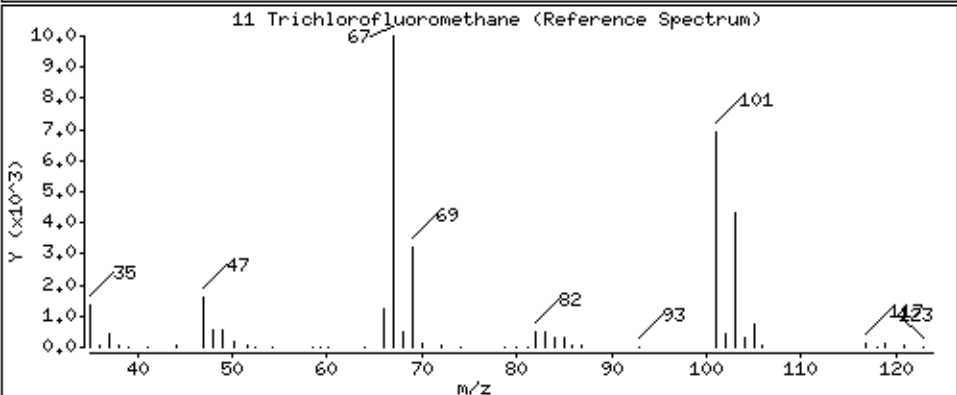
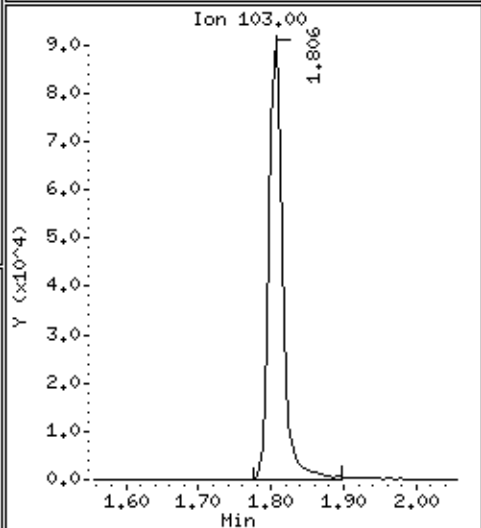
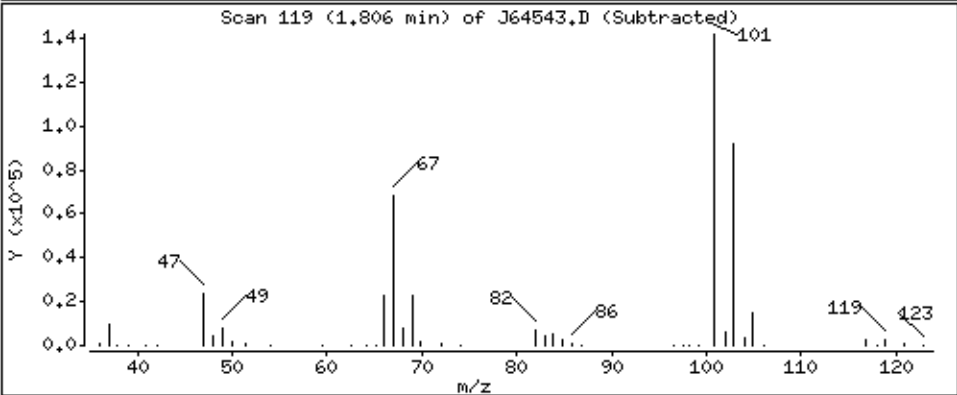
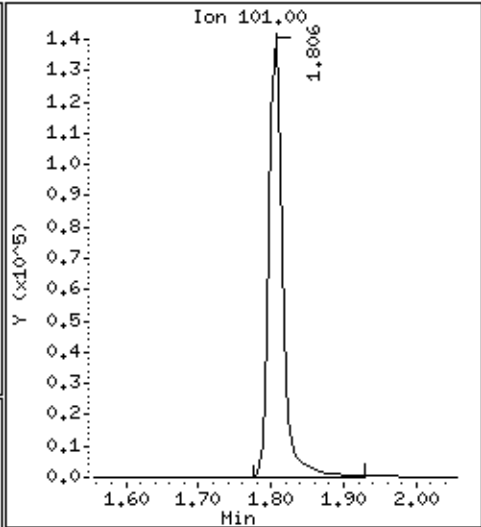
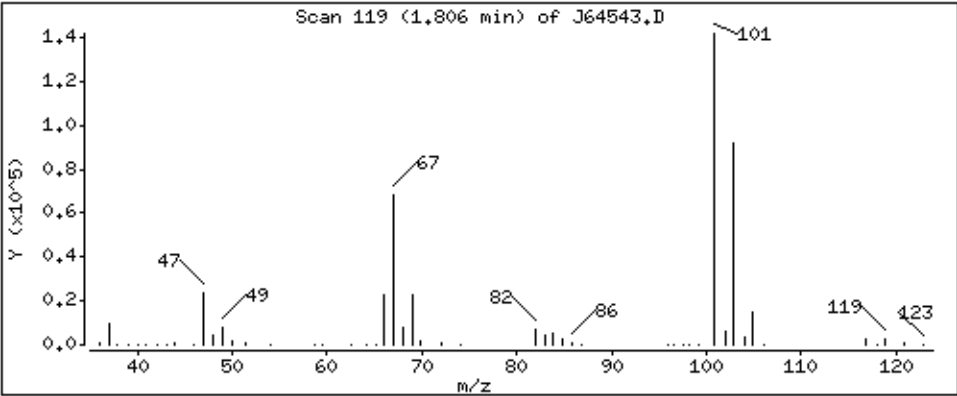


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 50.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

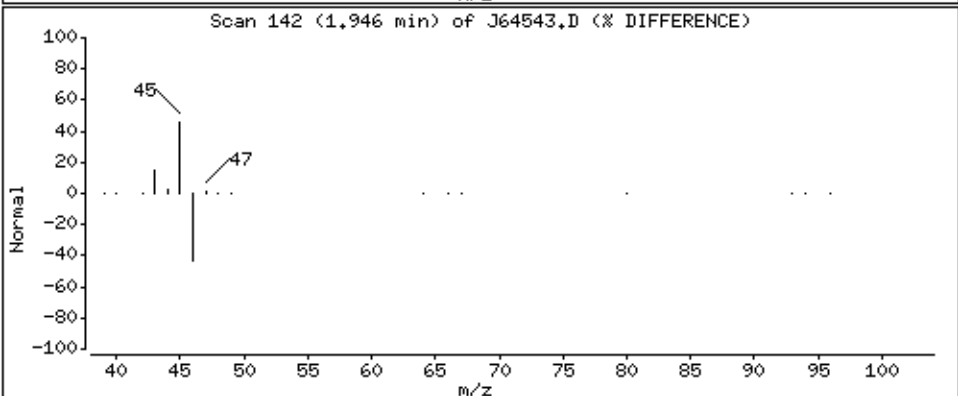
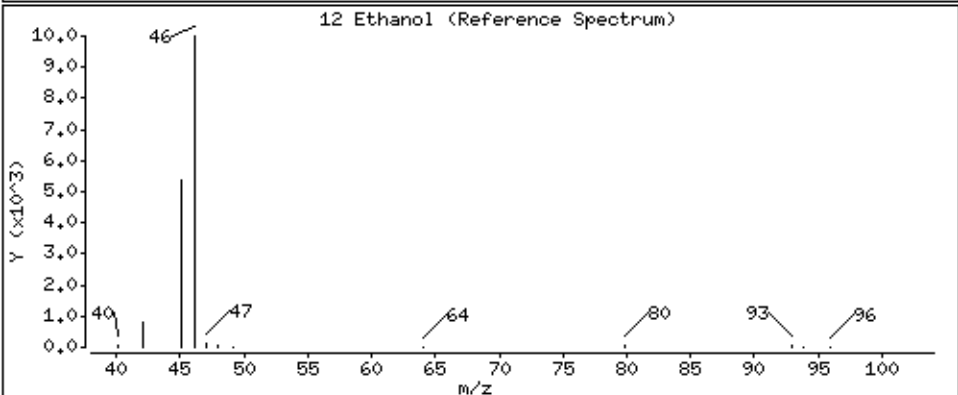
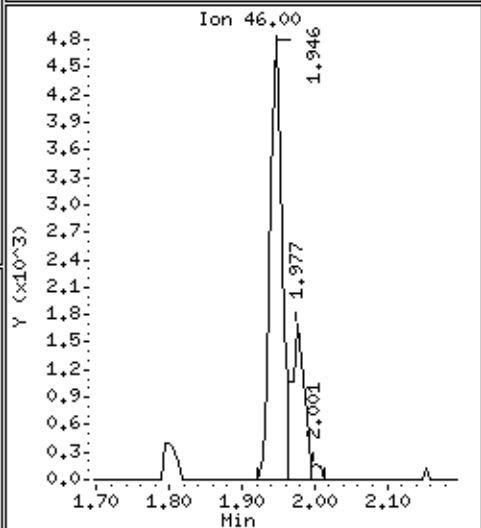
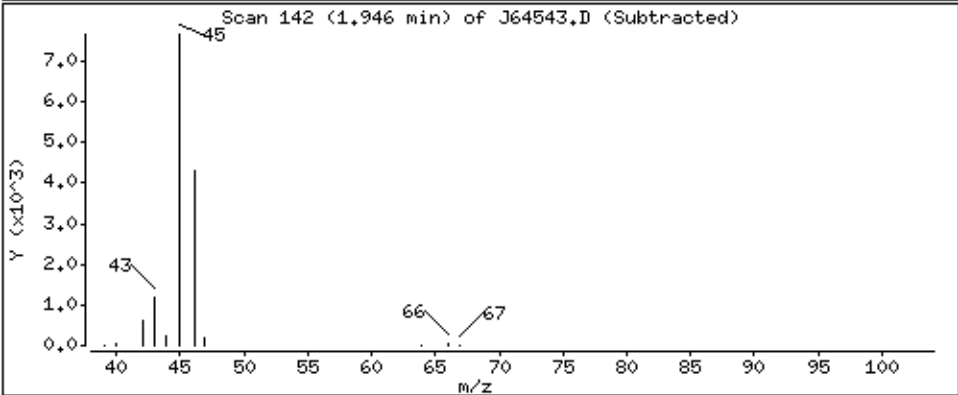
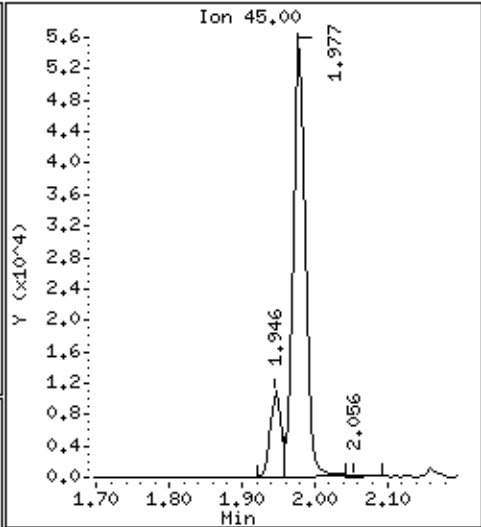
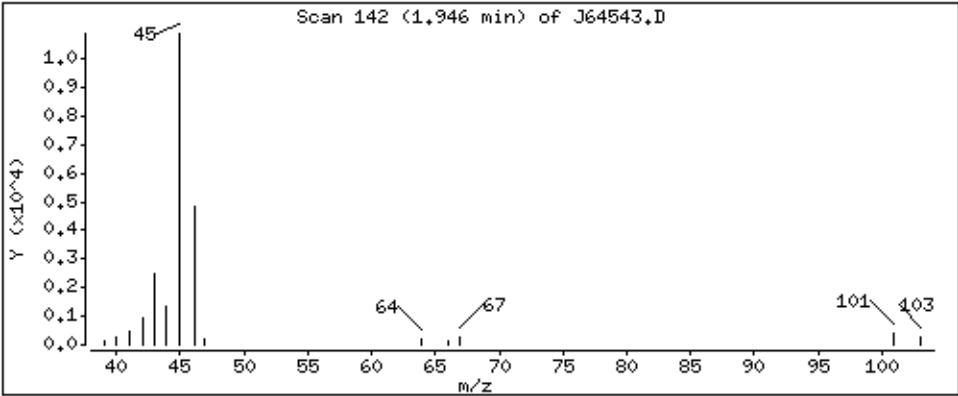


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

11 Trichlorofluoromethane Concentration: 53.5 ug/L Review Code:

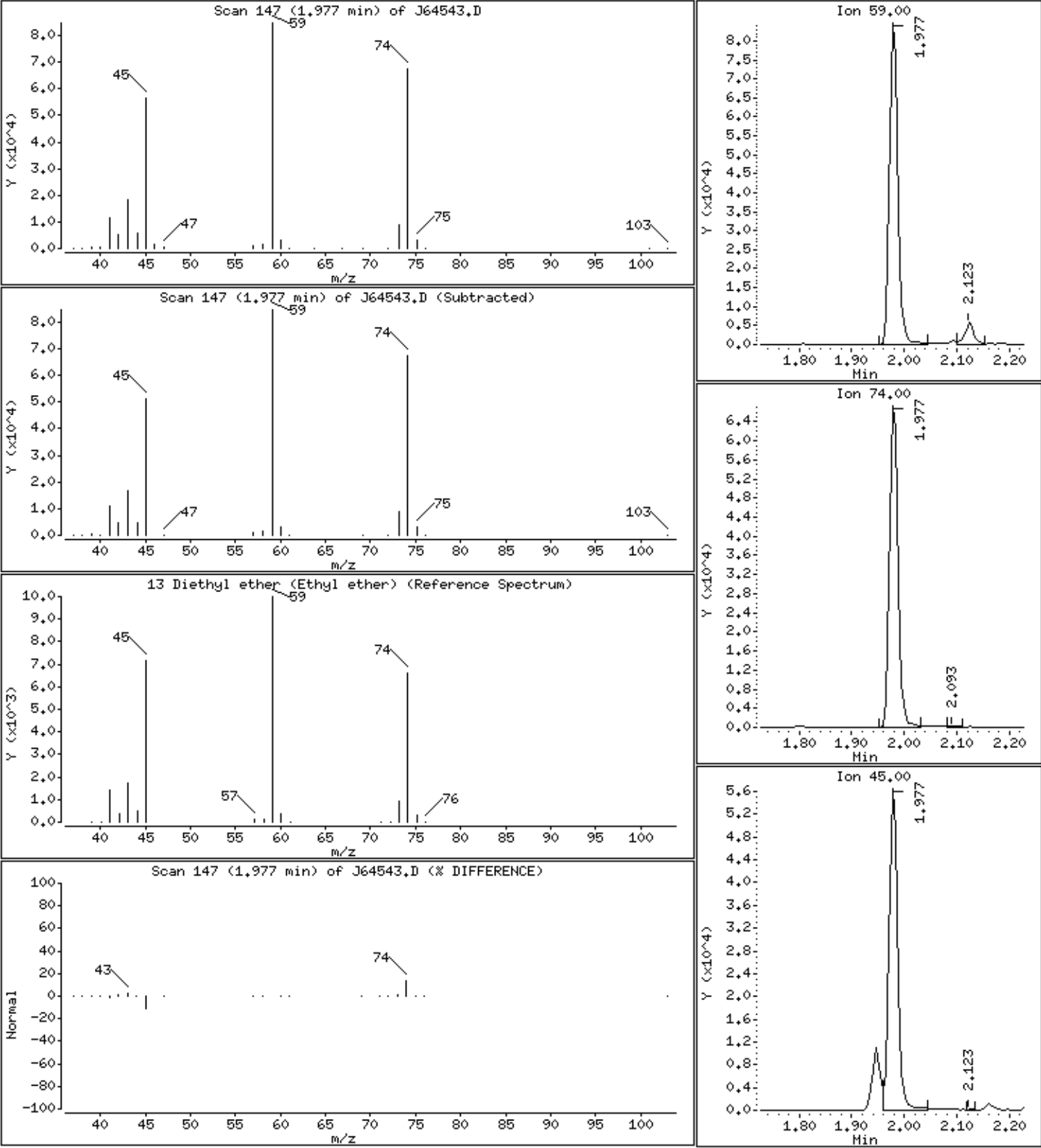


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 889 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



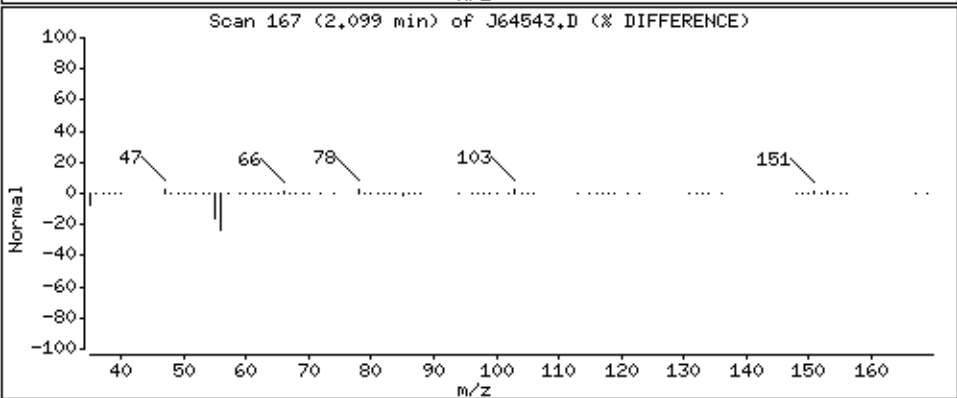
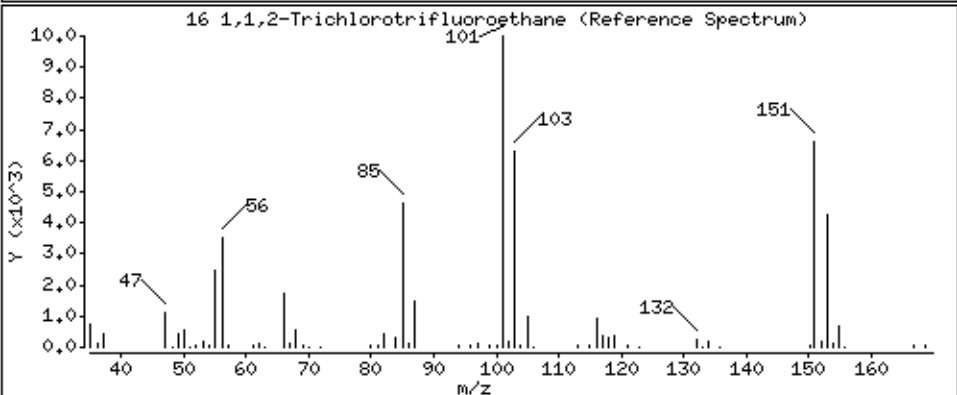
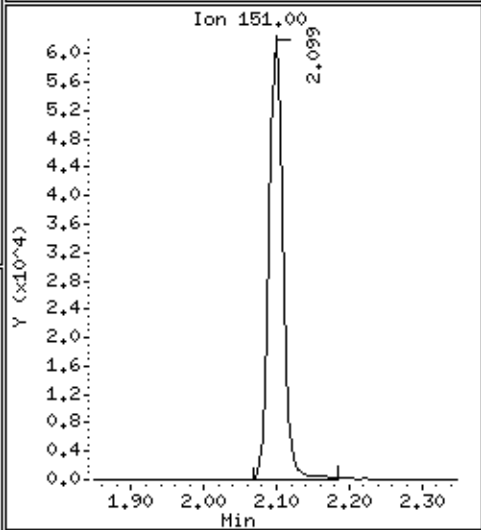
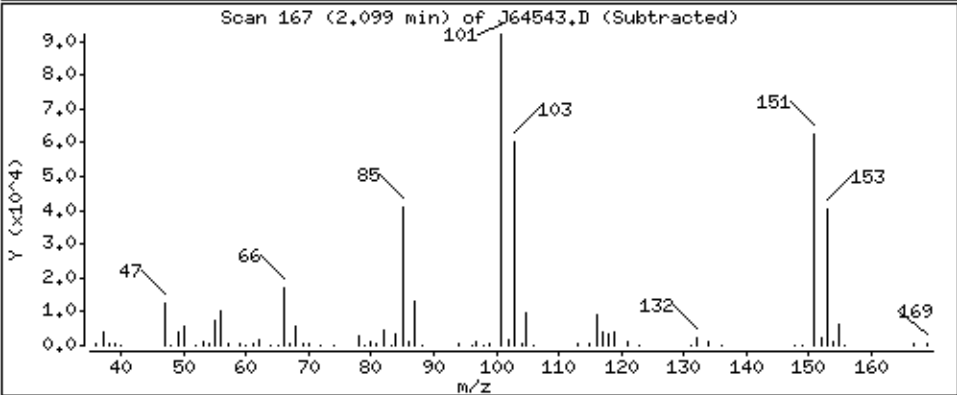
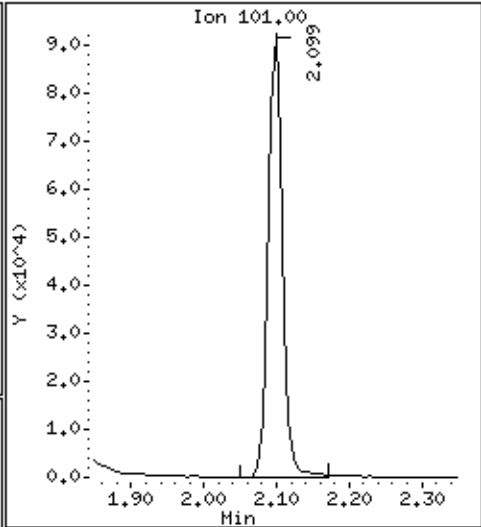
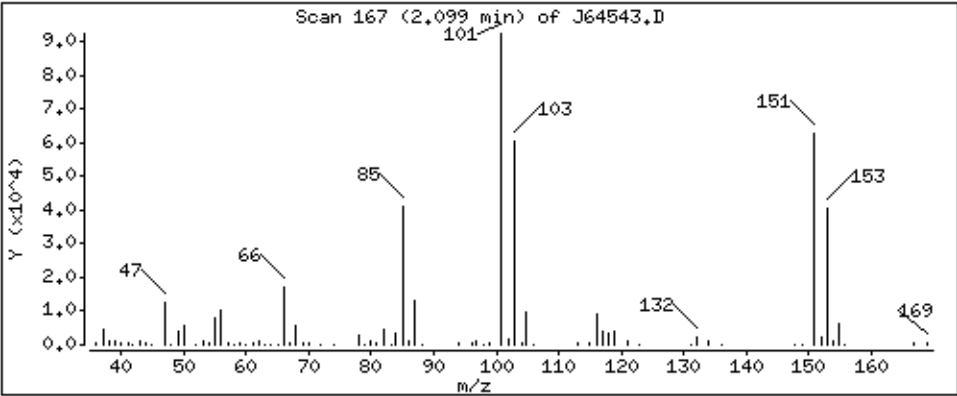
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

13 Diethyl ether (Ethyl ether) Concentration: 42.4 ug/L Review Code:



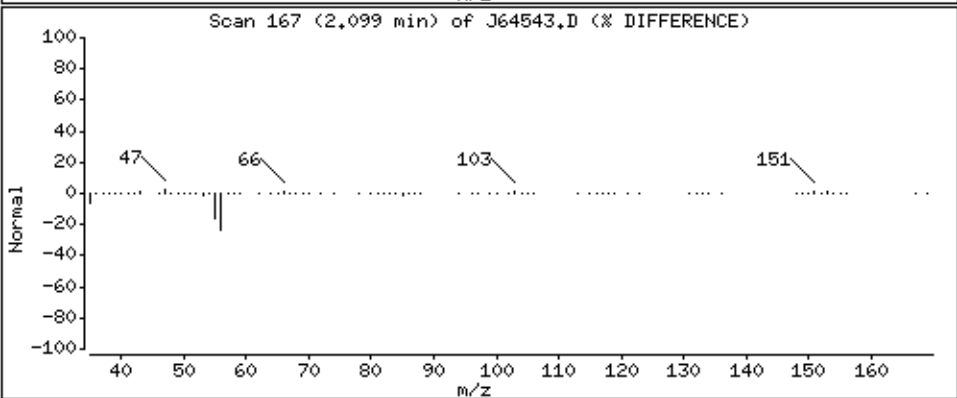
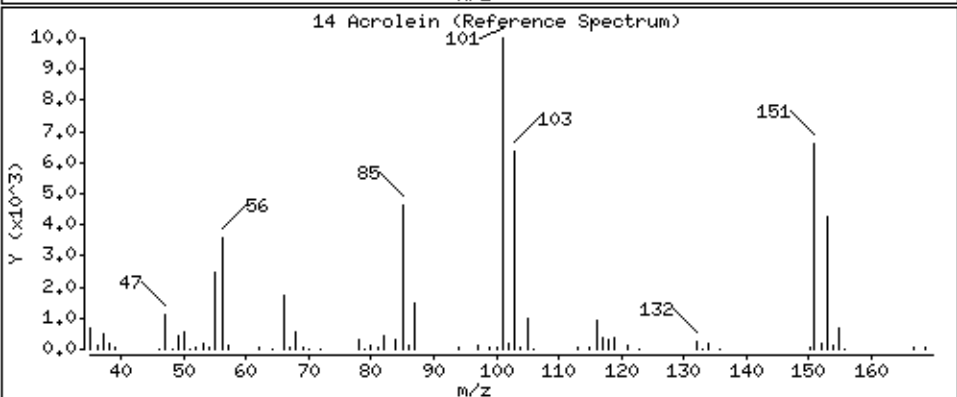
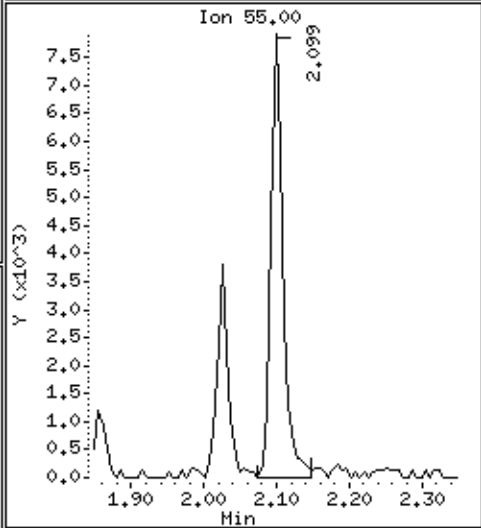
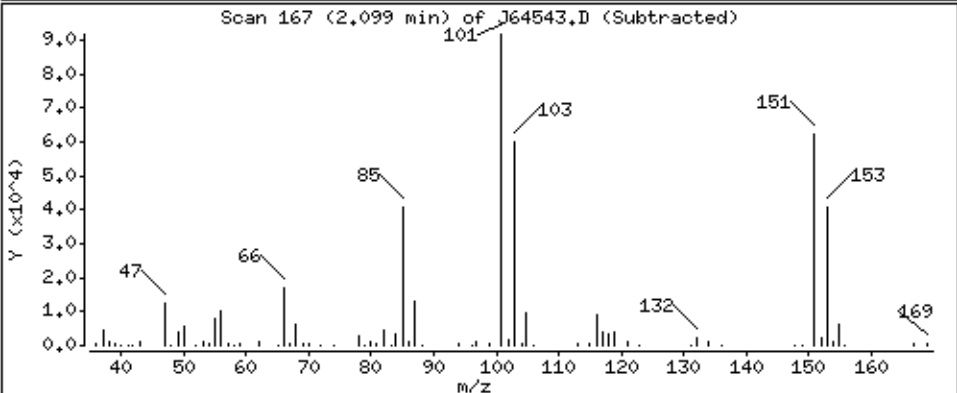
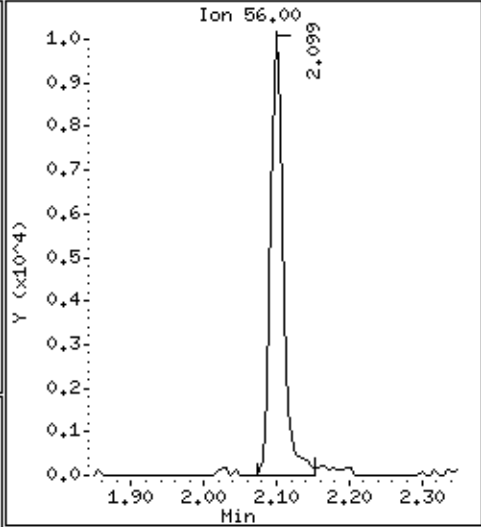
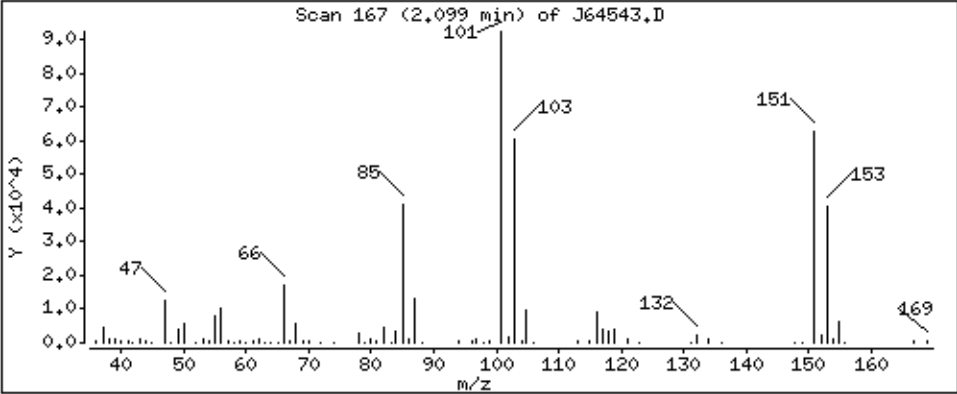
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

16 1,1,2-Trichlorotrifluoroethane Concentration: 55,1 ug/L Review Code:



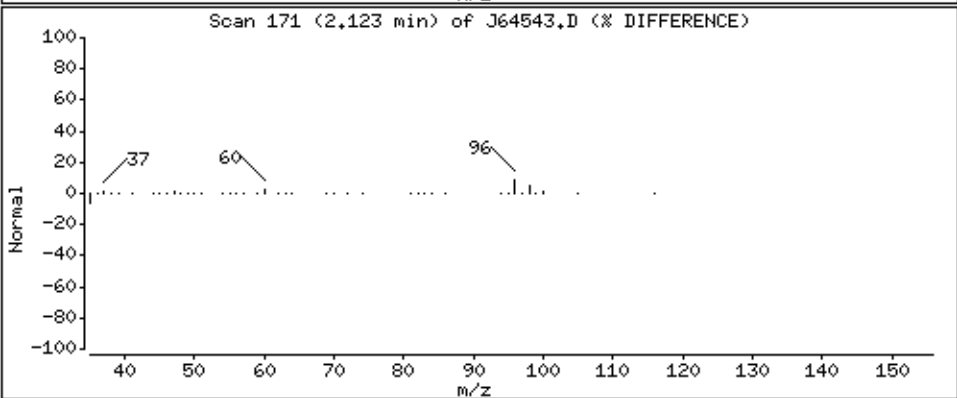
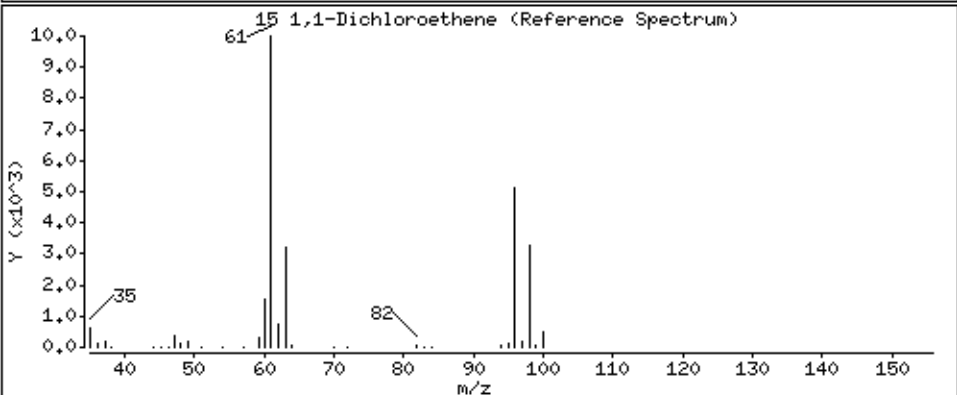
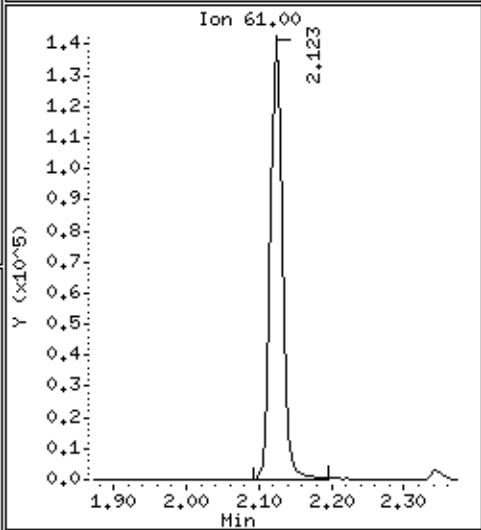
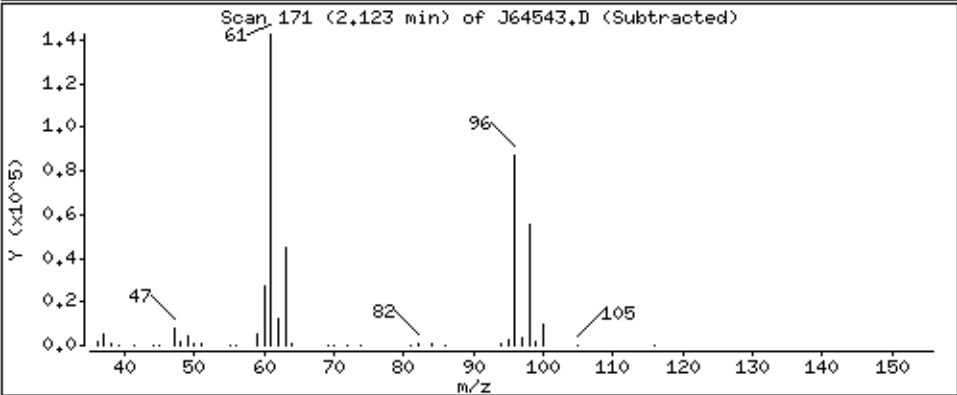
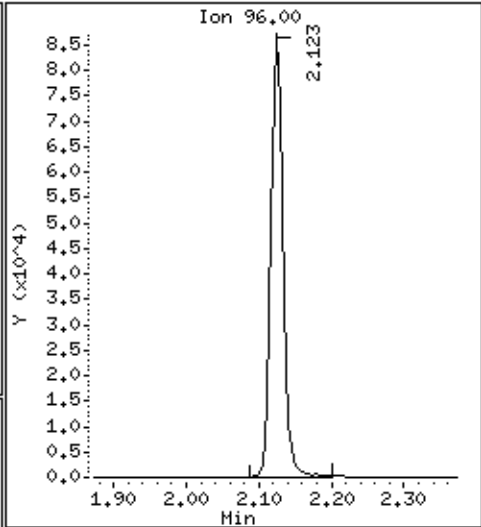
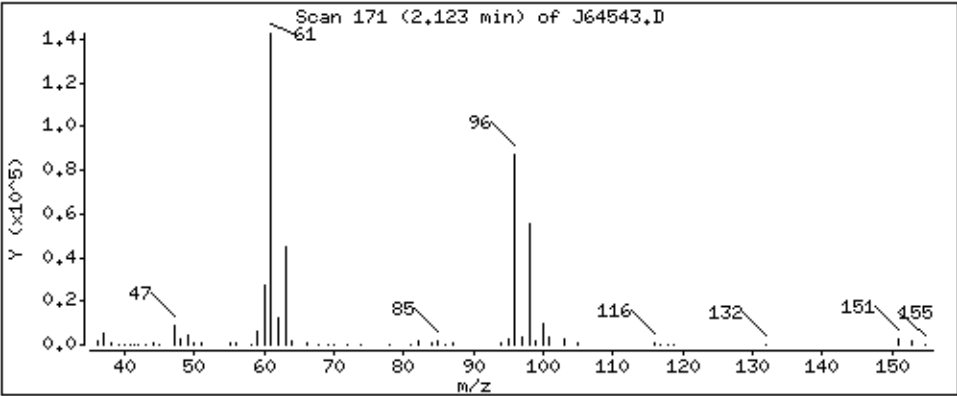
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

14 Acrolein Concentration: 26,6 ug/L Review Code:



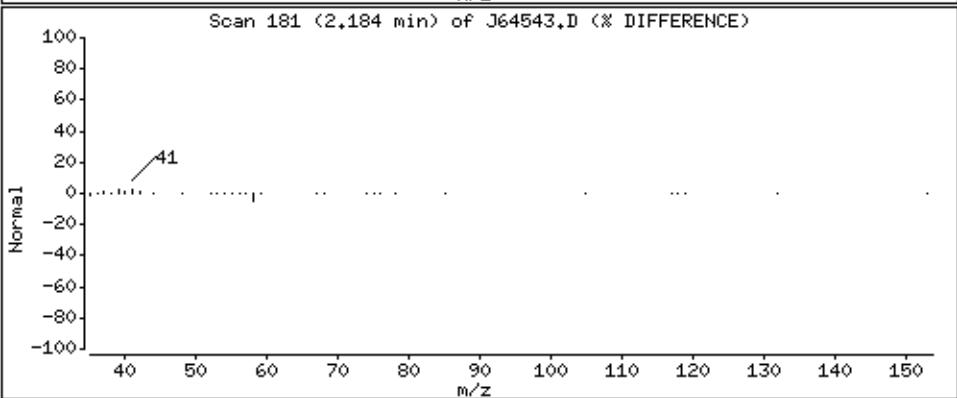
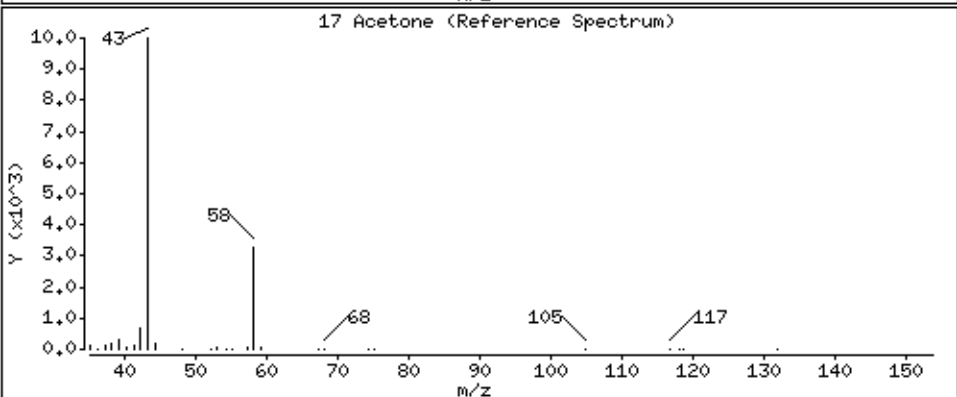
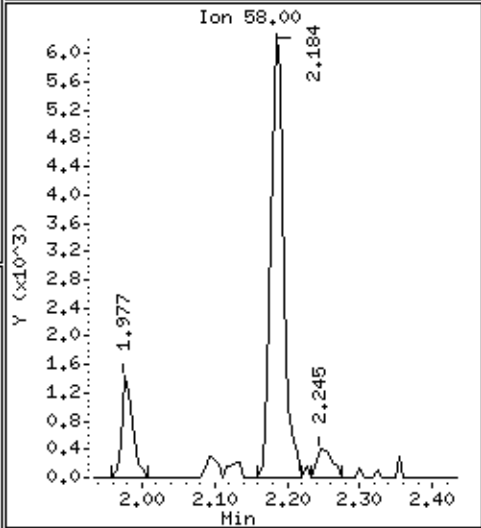
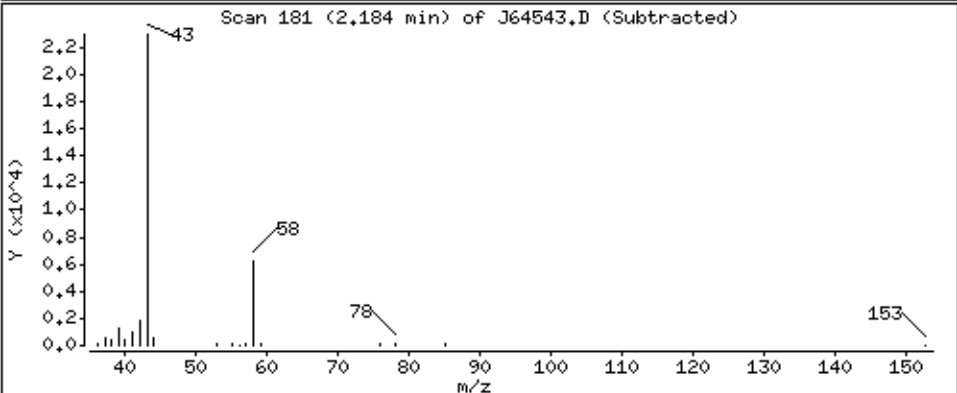
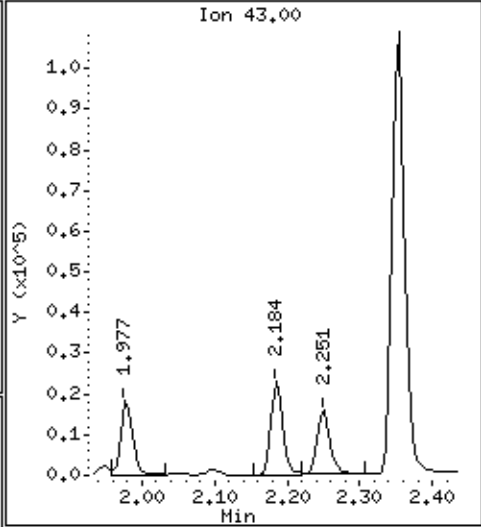
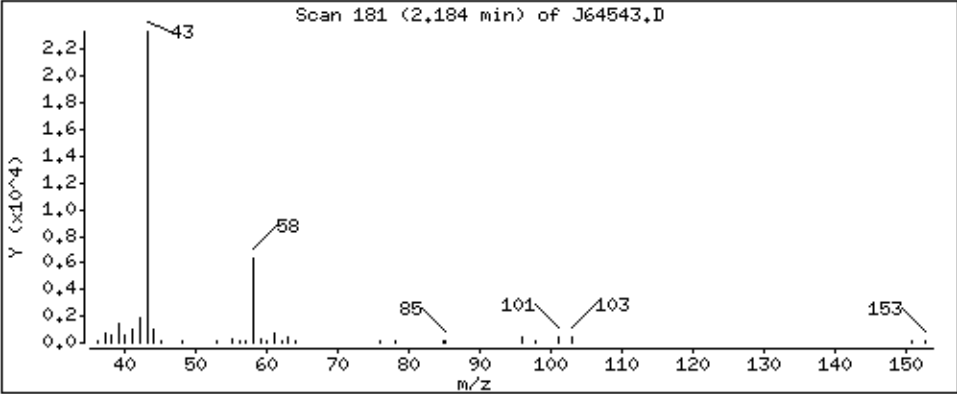
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 49.3 ug/L
Column diameter: 0.18

15 1,1-Dichloroethene Concentration: 49.3 ug/L Review Code:



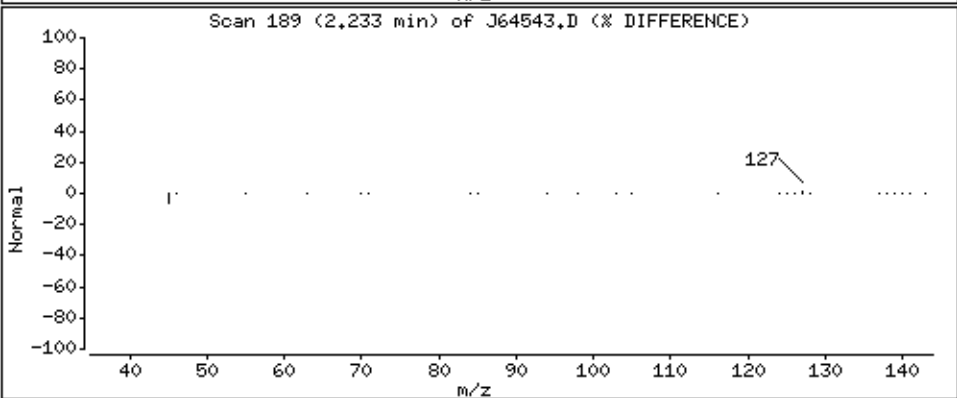
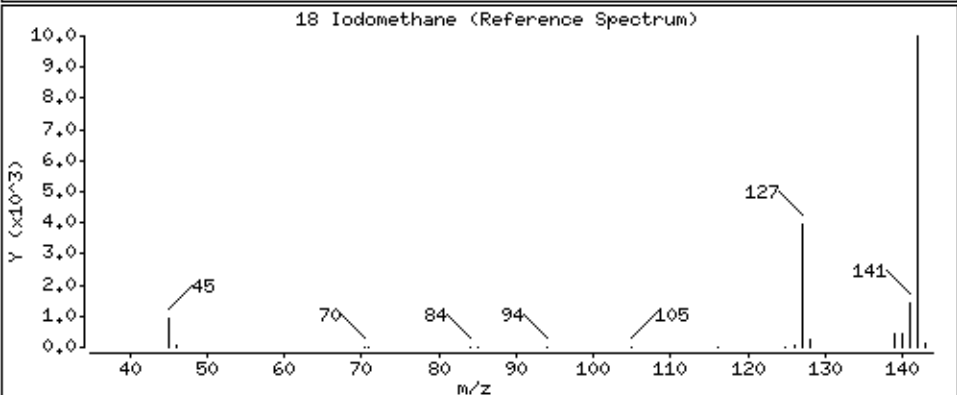
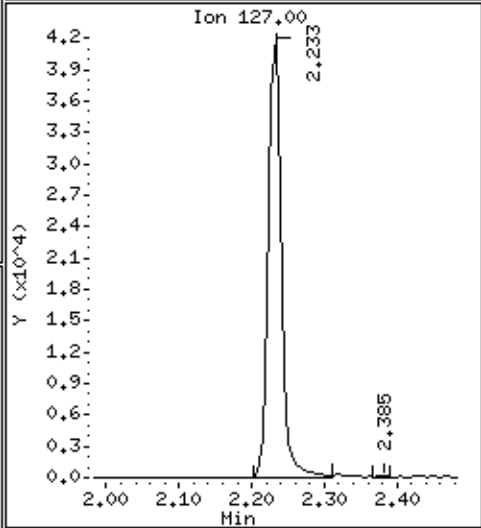
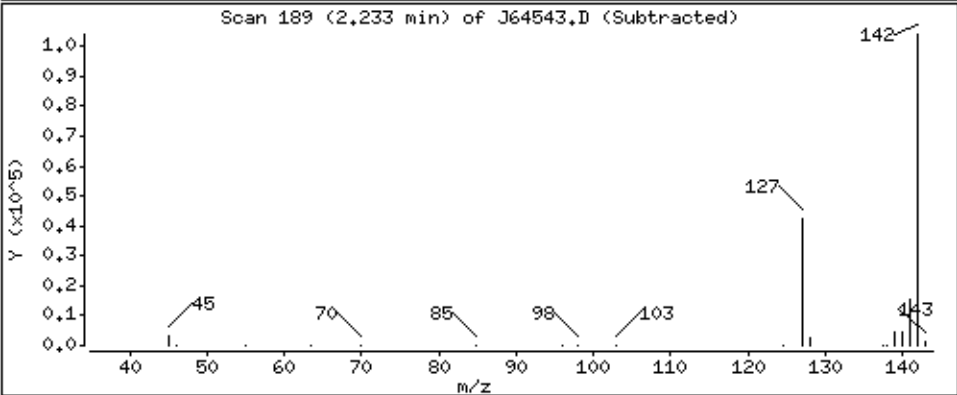
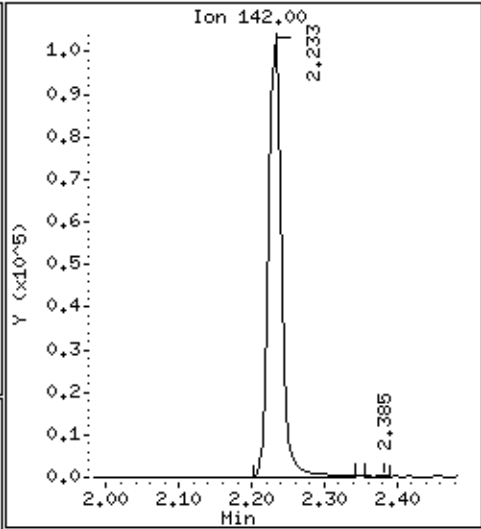
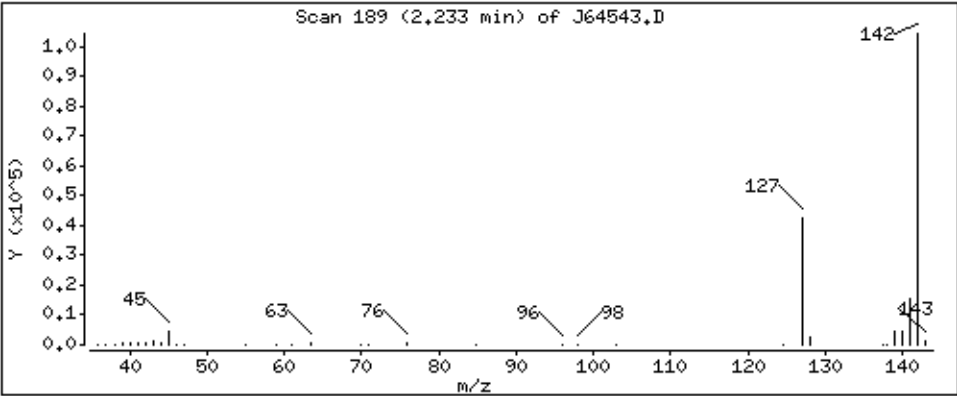
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

17 Acetone Concentration: 32,5 ug/L Review Code:

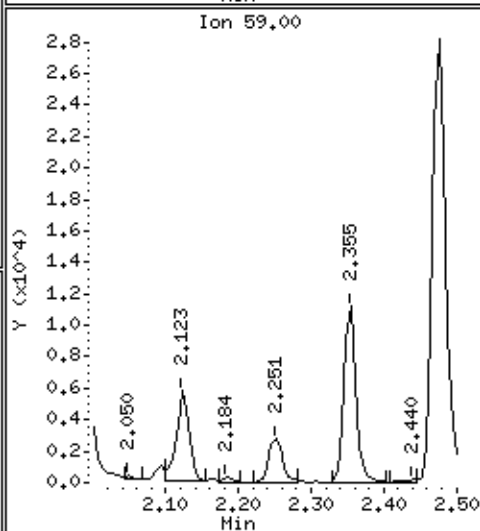
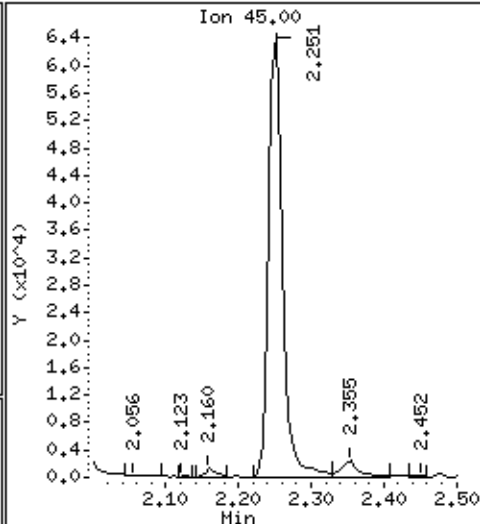
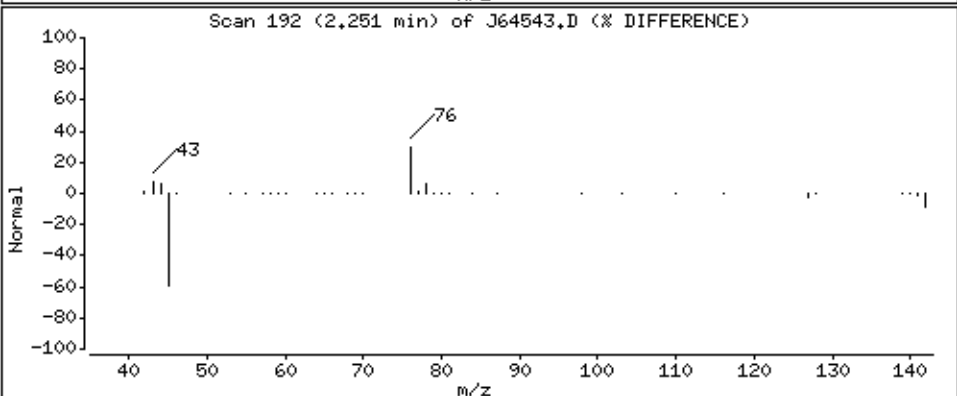
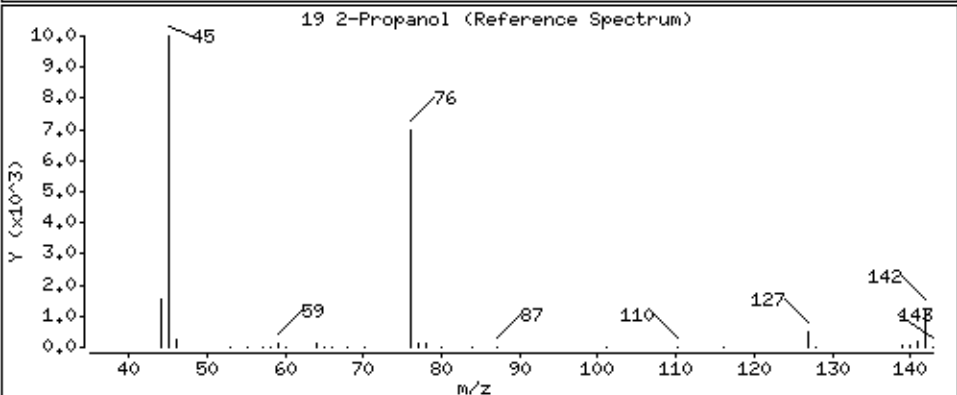
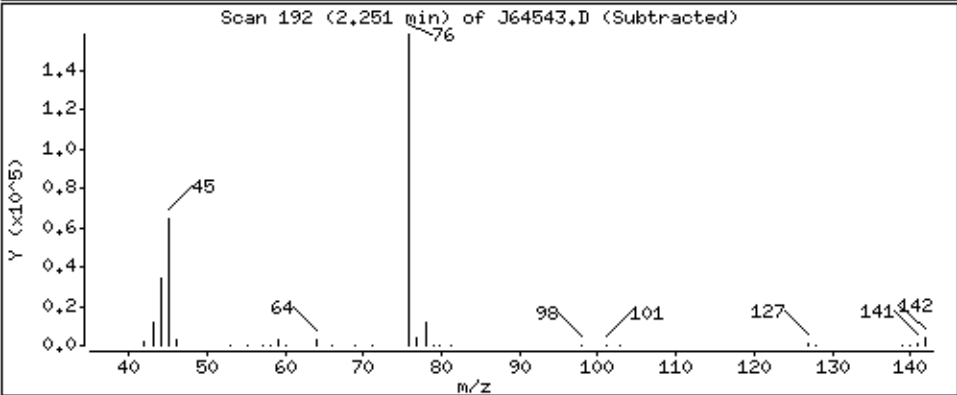
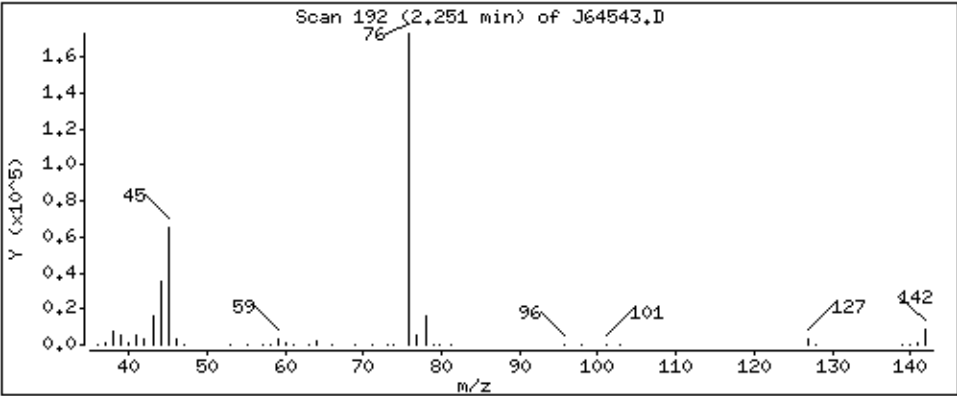


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

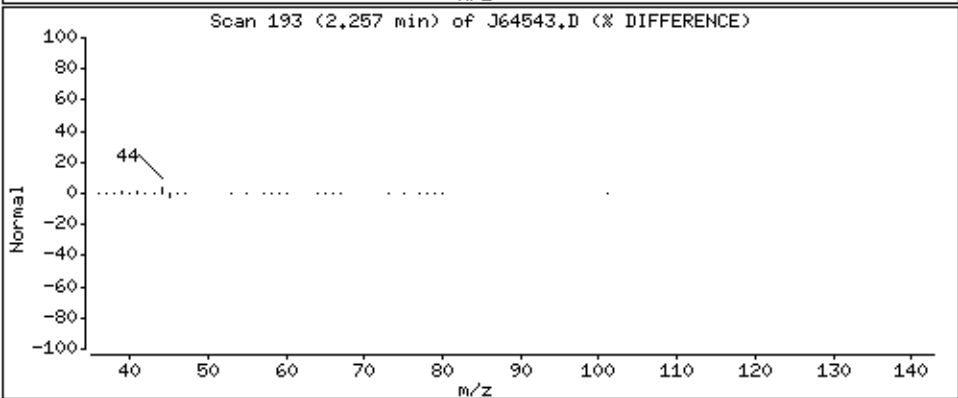
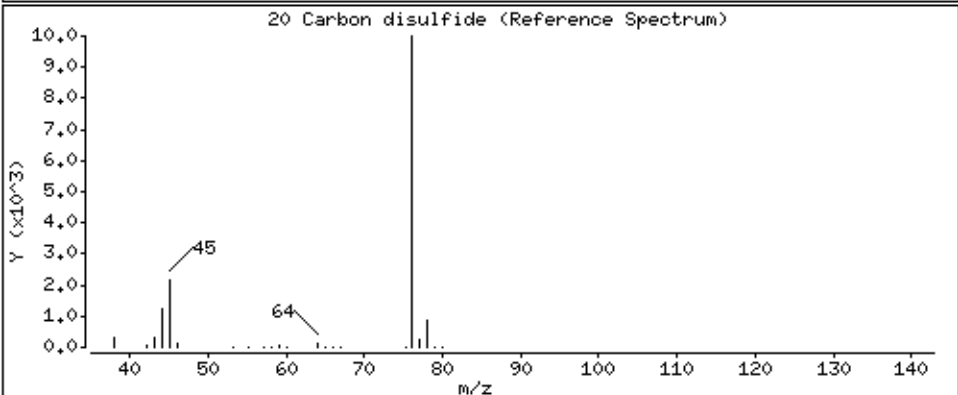
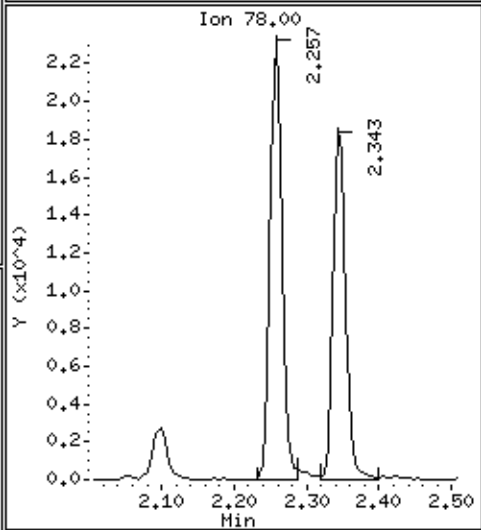
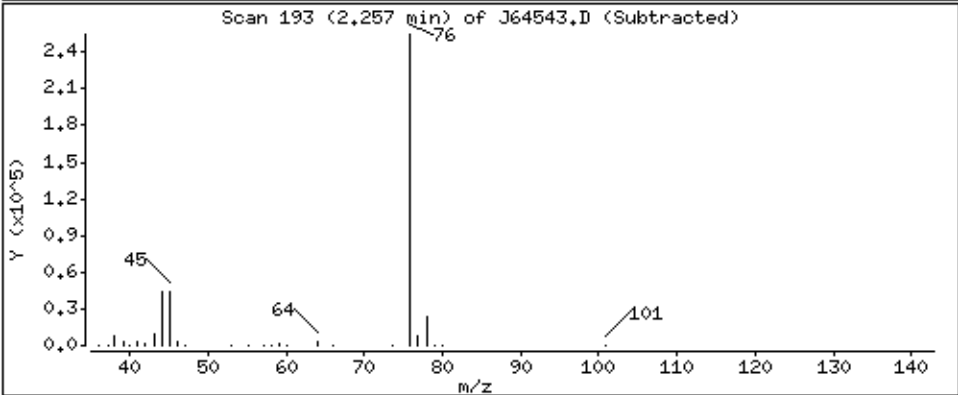
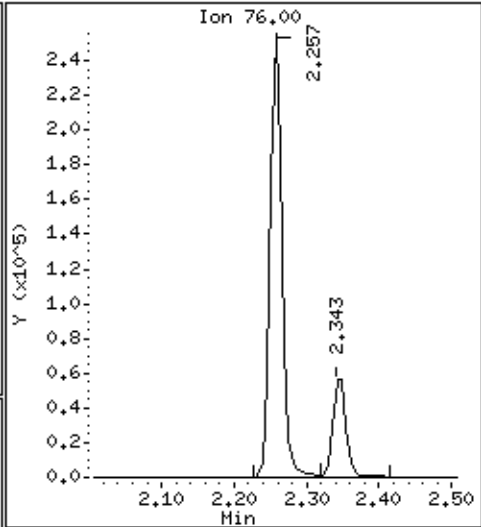
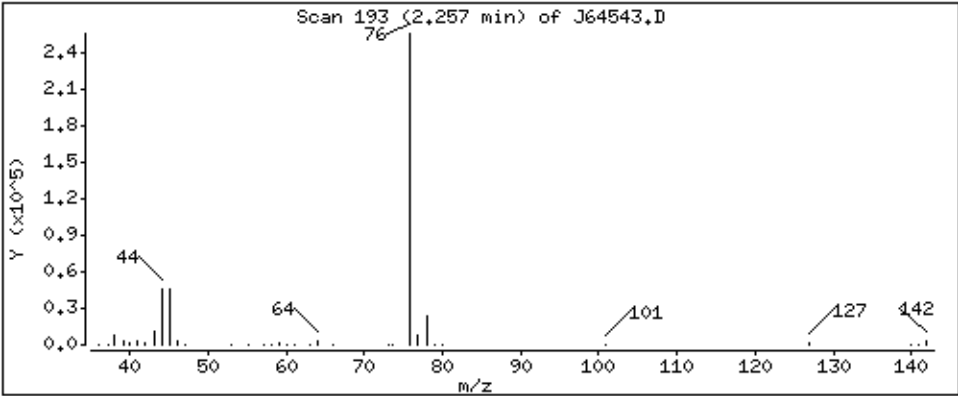
18 Iodomethane Concentration: 64,0 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
19 2-Propanol
Concentration: 880 ug/L
Review Code:

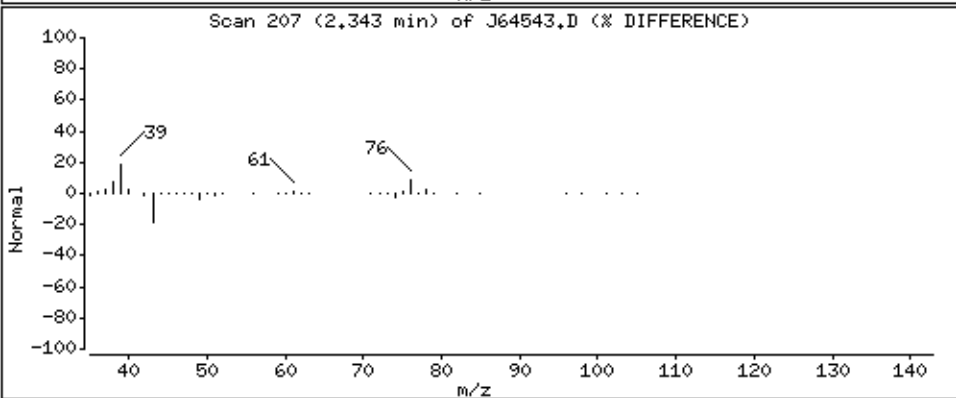
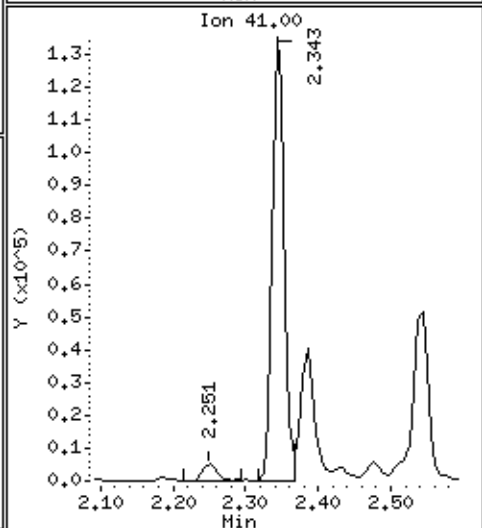
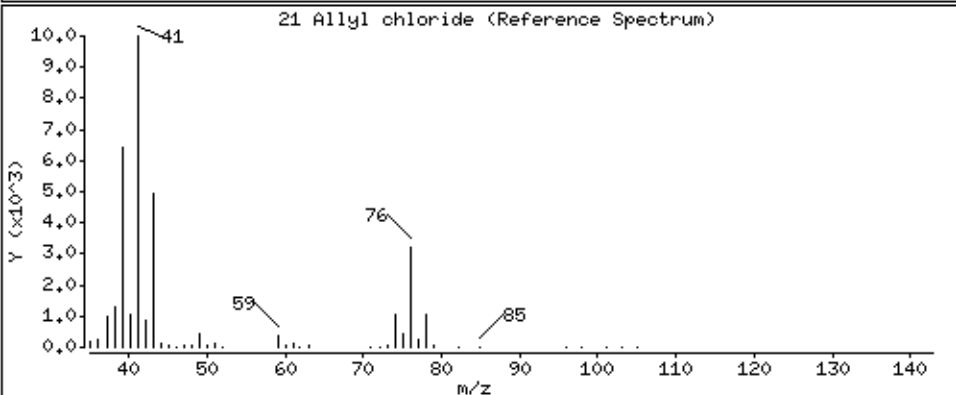
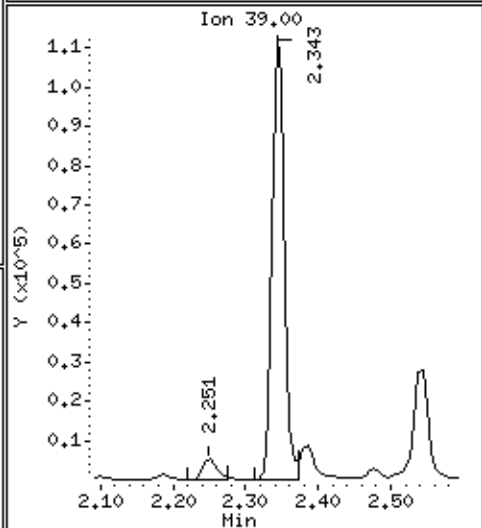
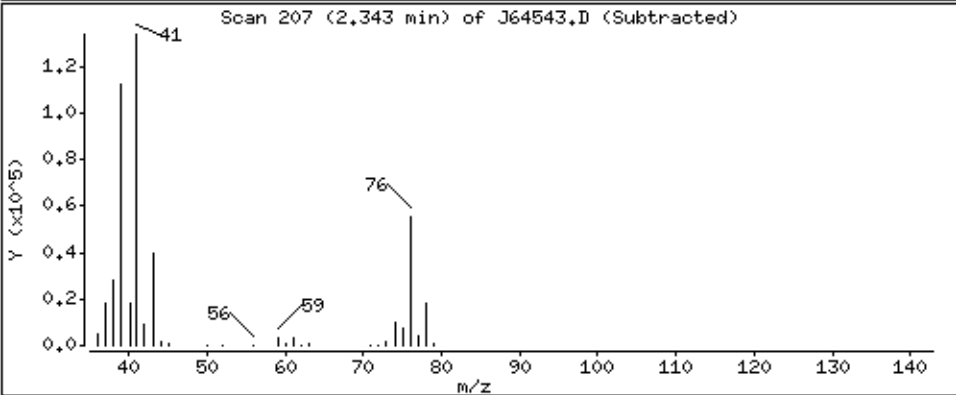
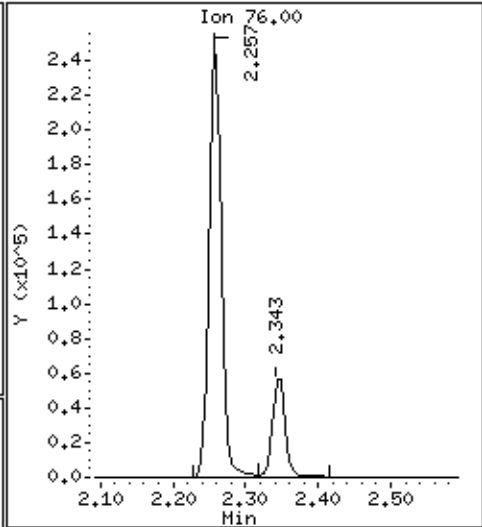
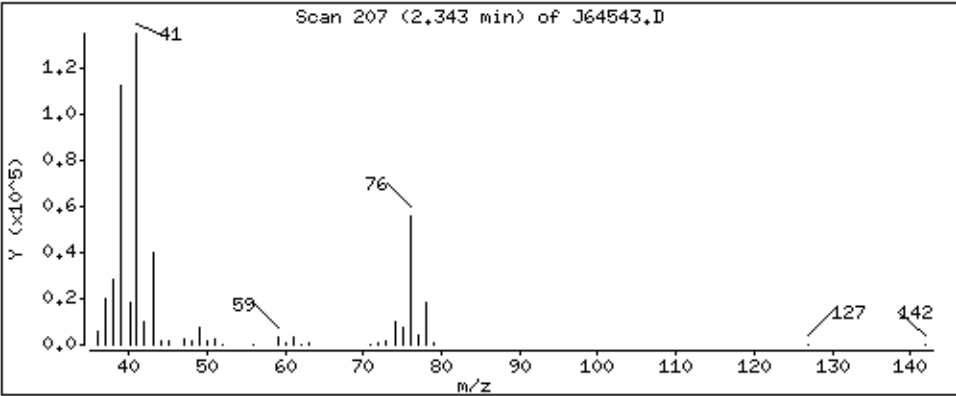


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 45.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

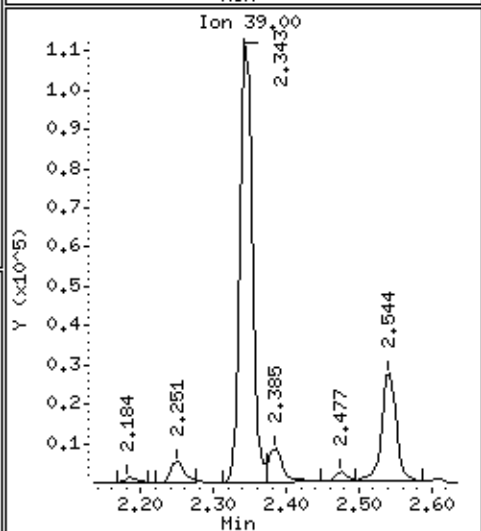
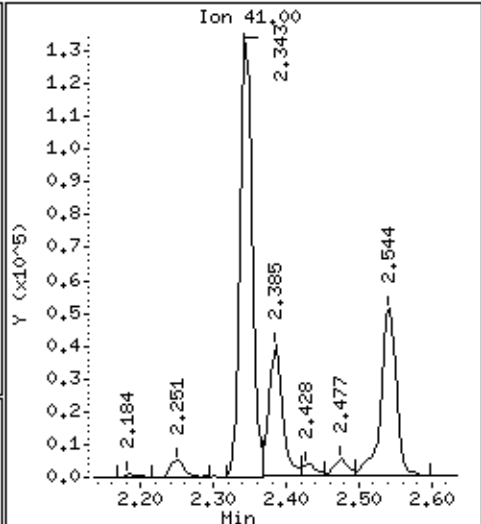
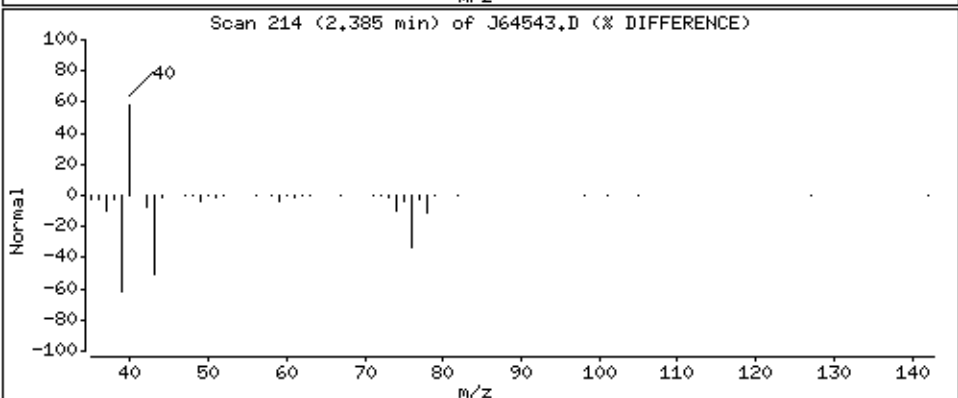
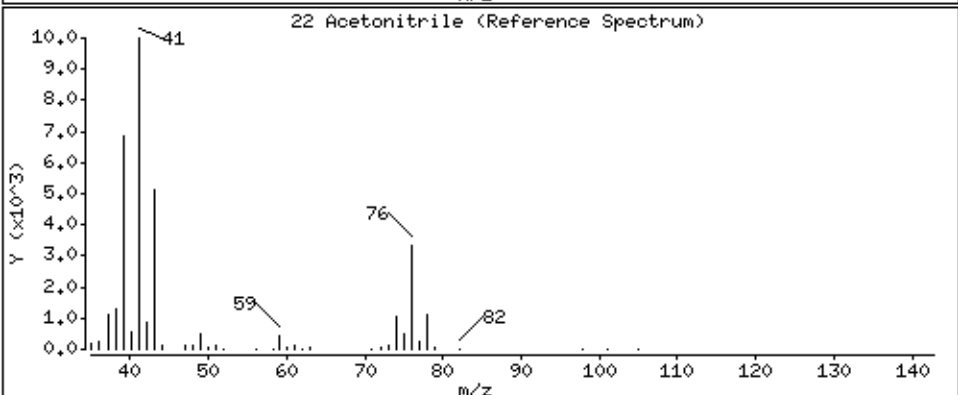
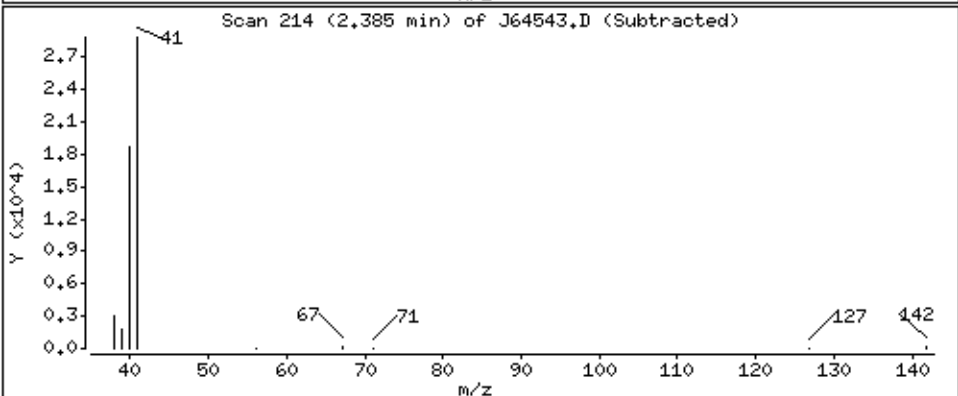
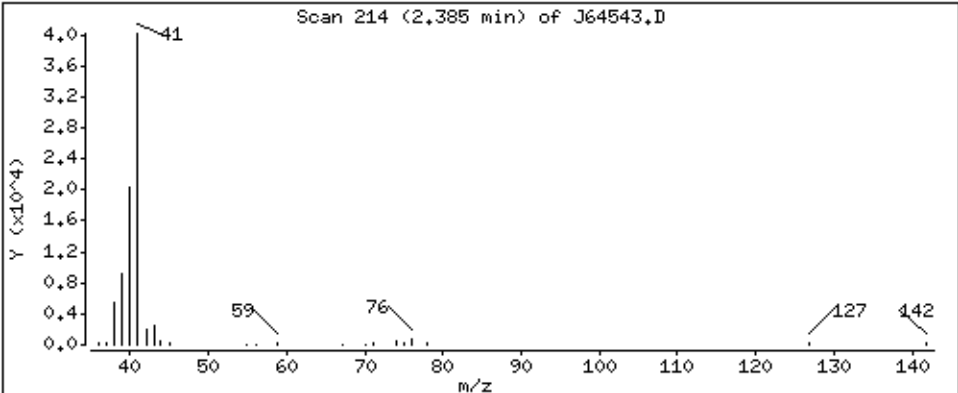


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

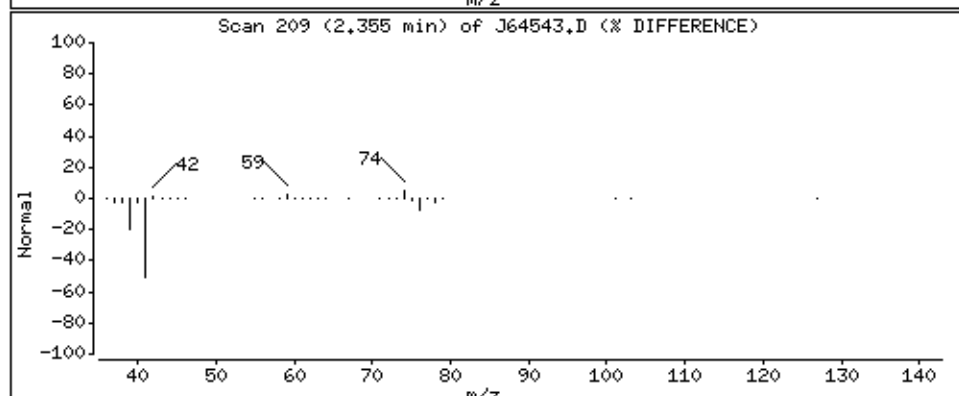
21 Allyl chloride Concentration: 47,5 ug/L Review Code:



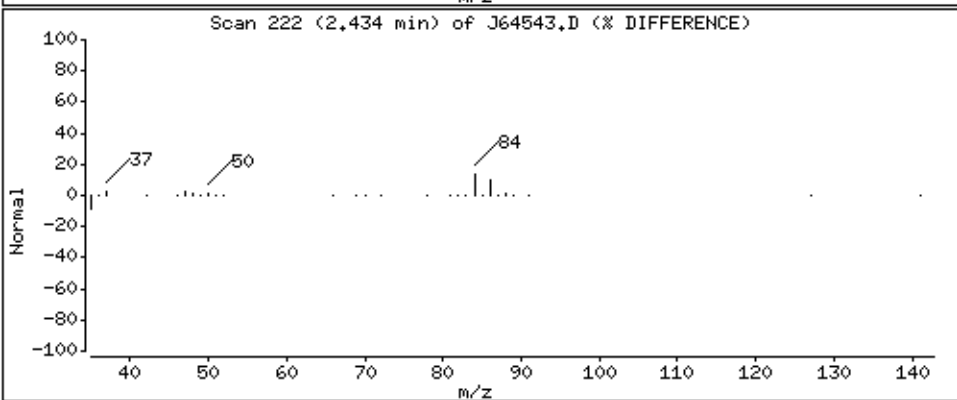
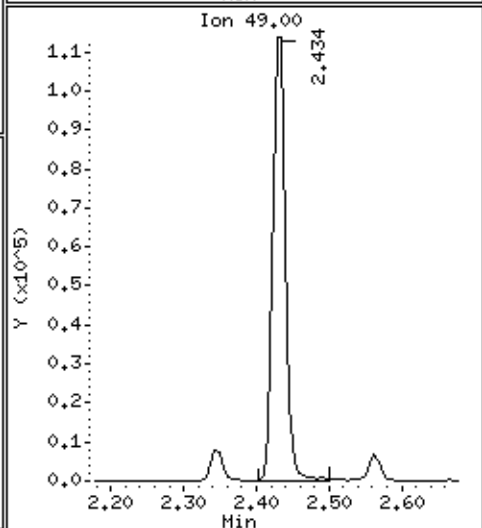
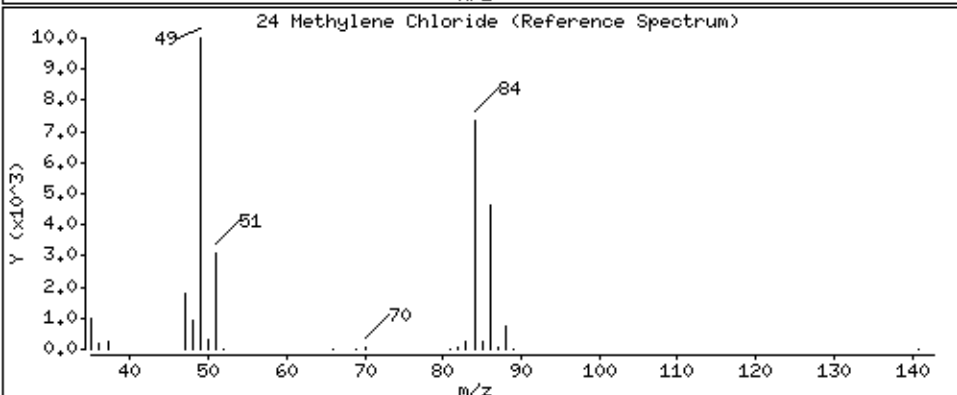
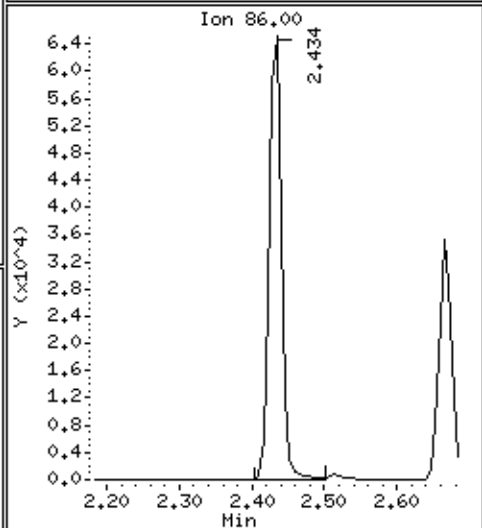
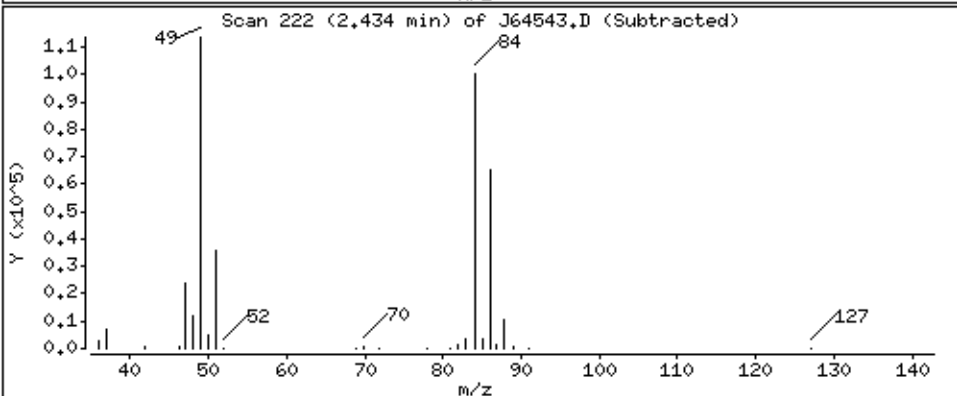
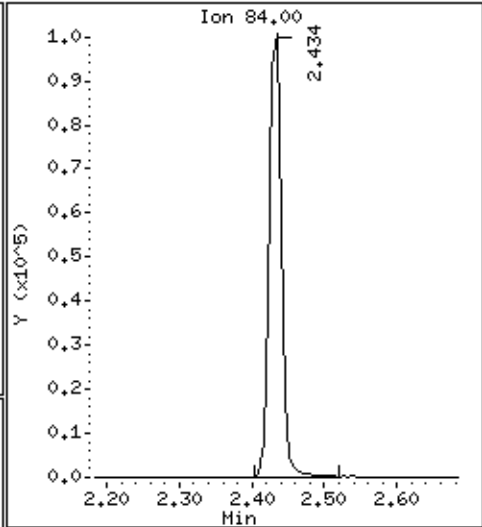
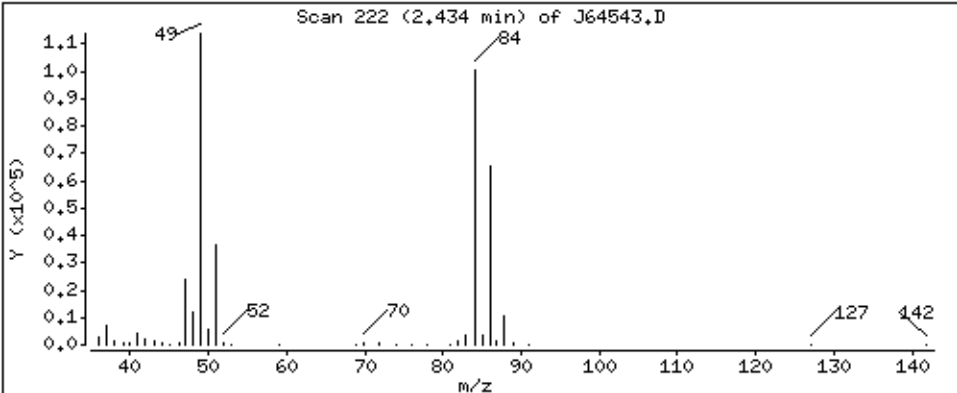
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 186 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



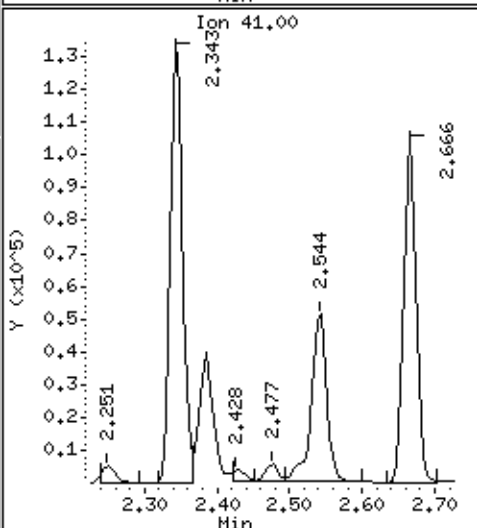
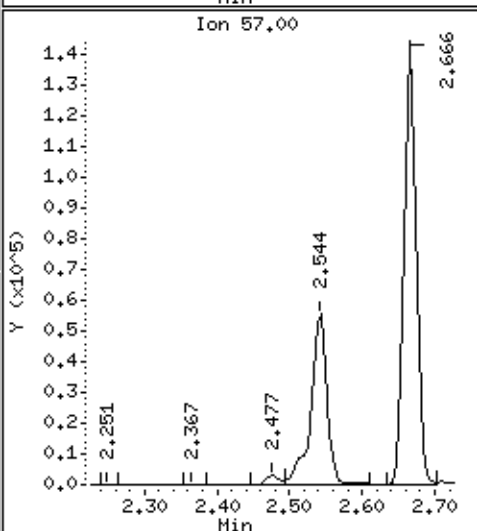
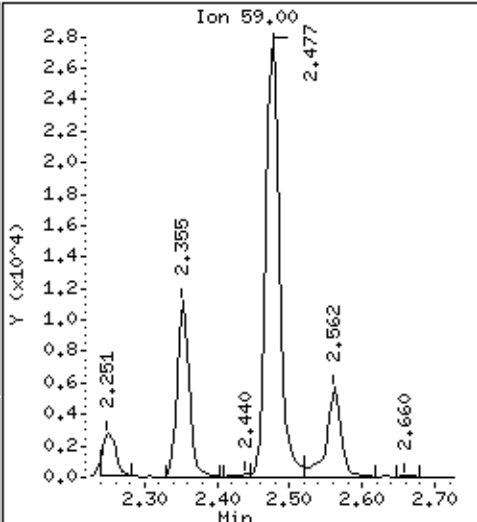
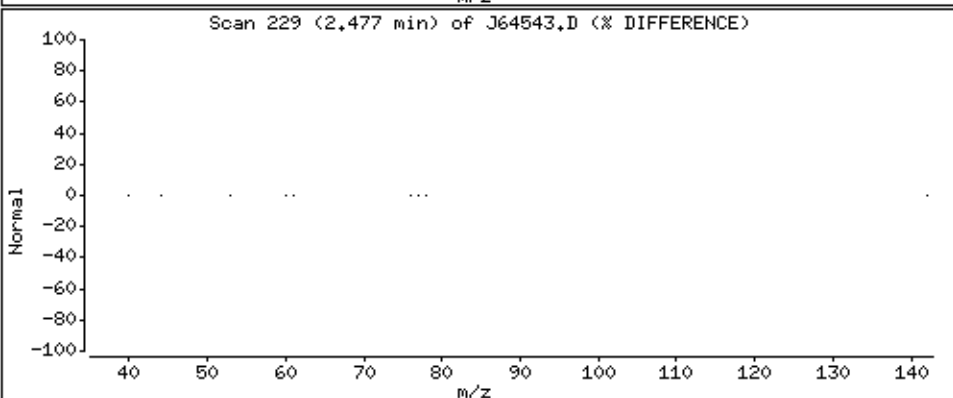
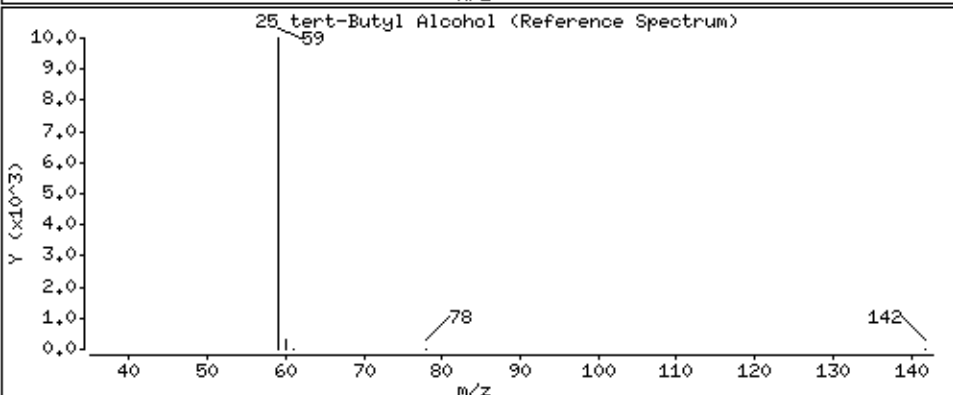
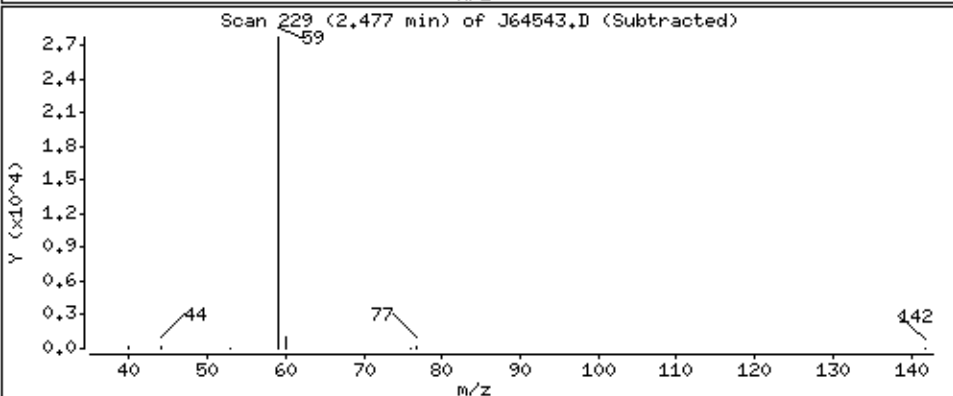
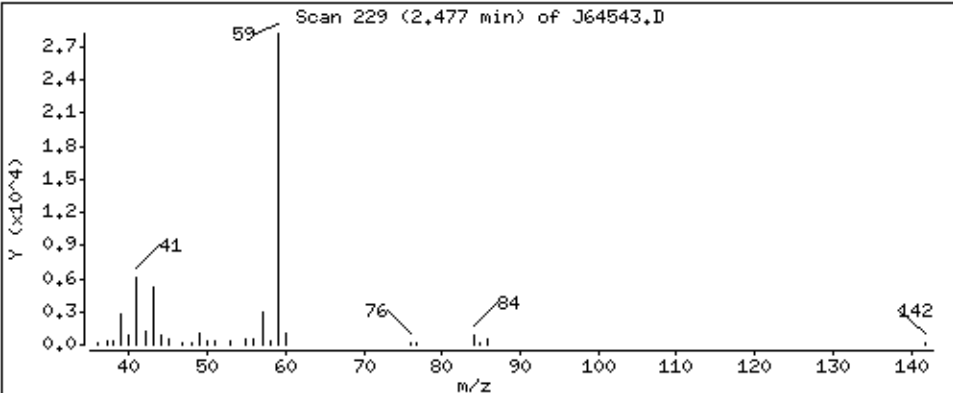
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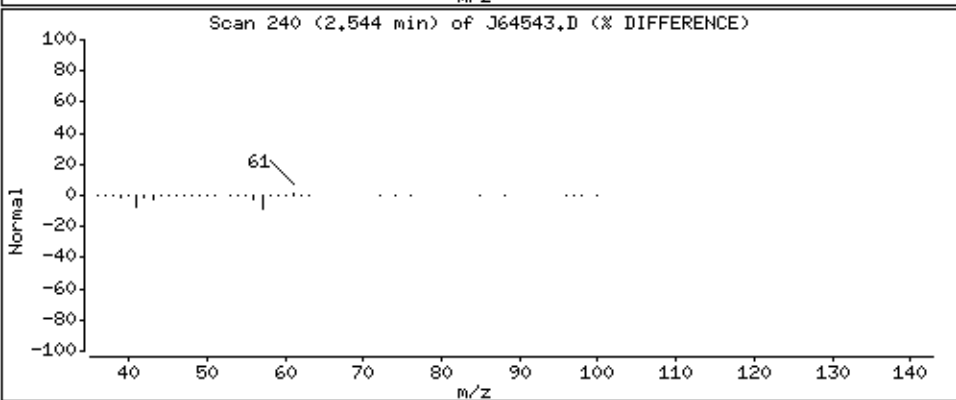
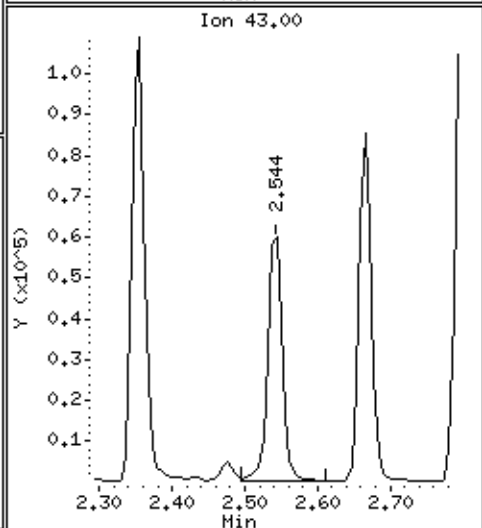
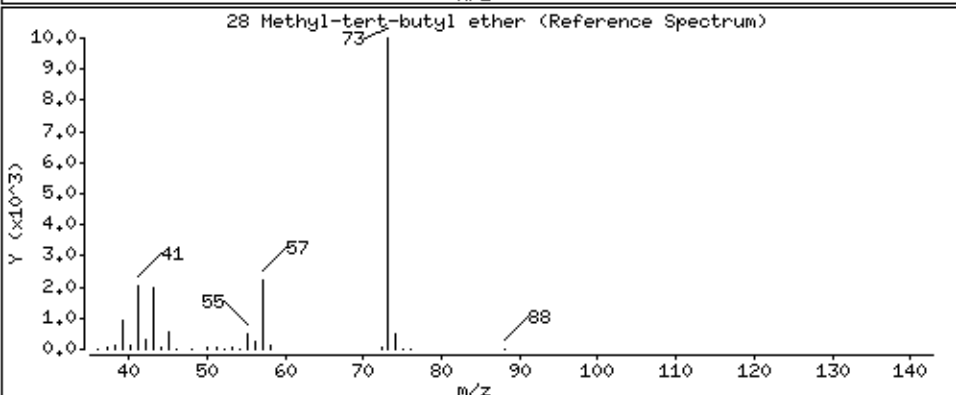
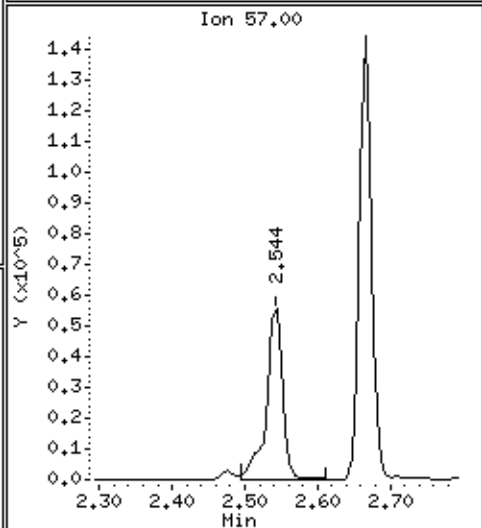
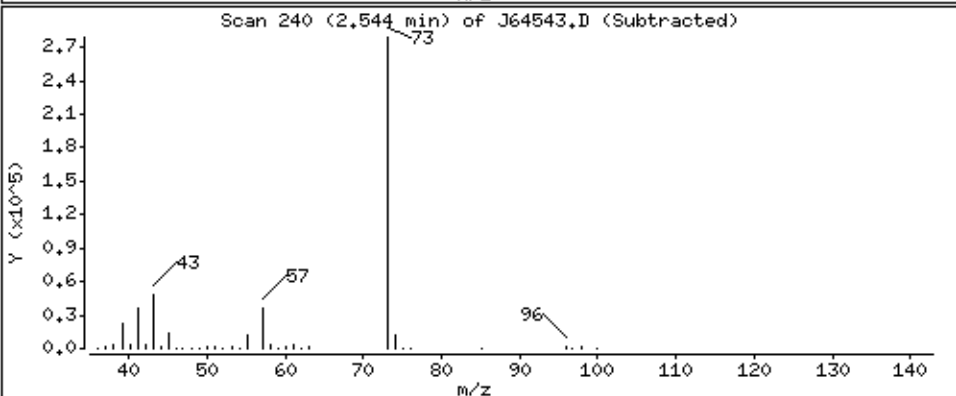
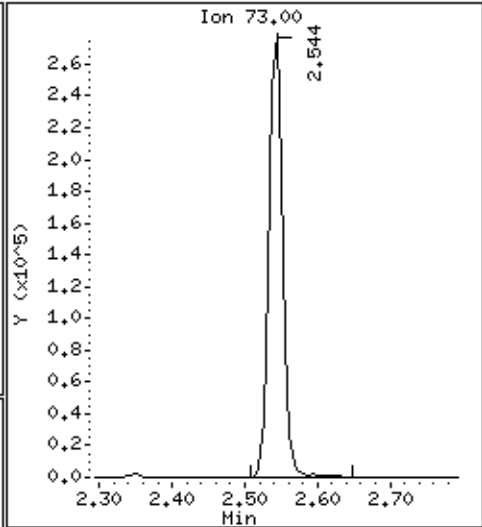
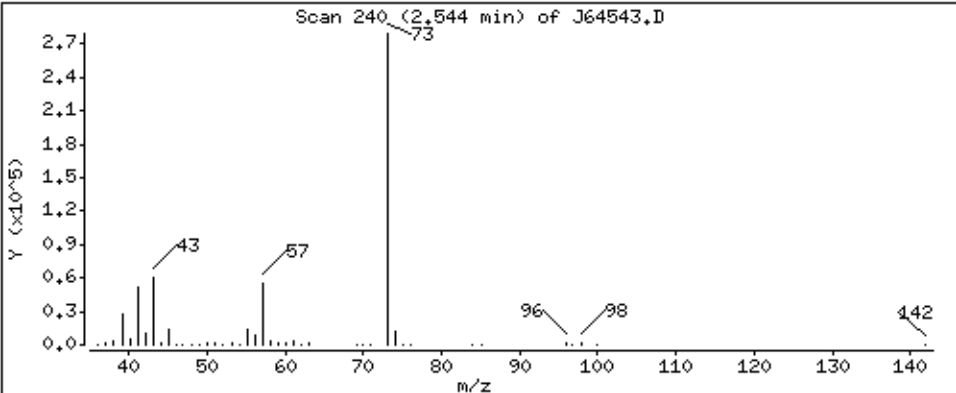
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 45.2 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



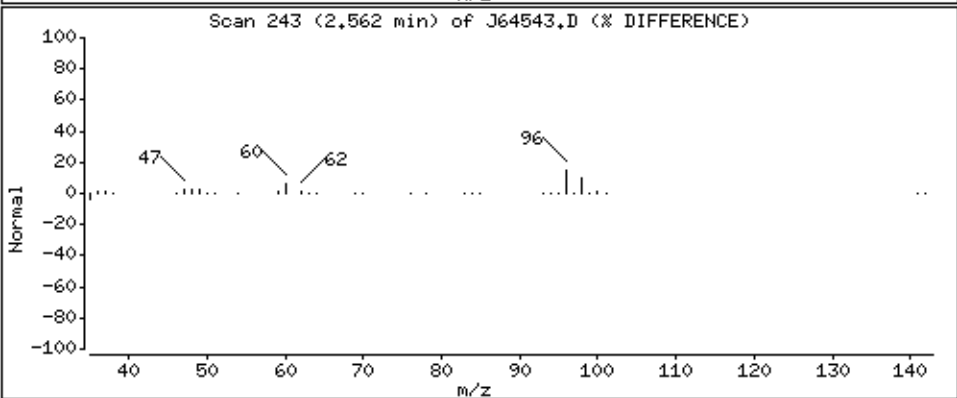
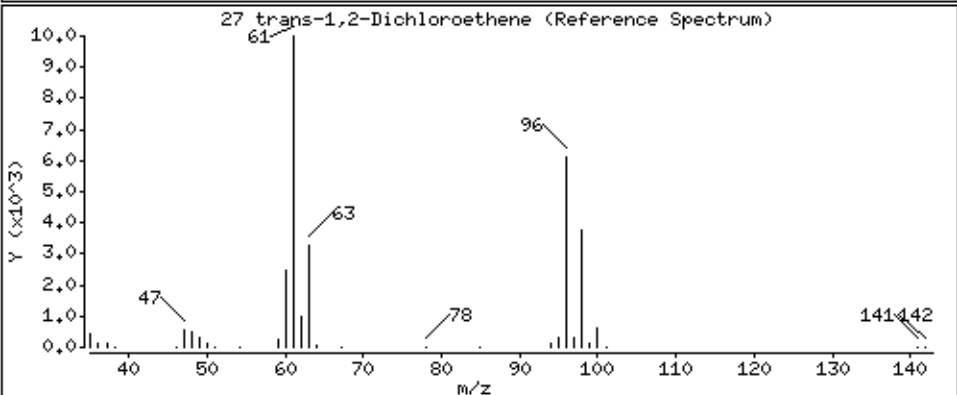
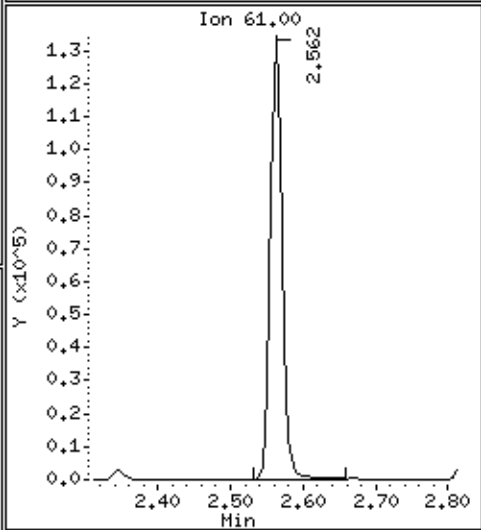
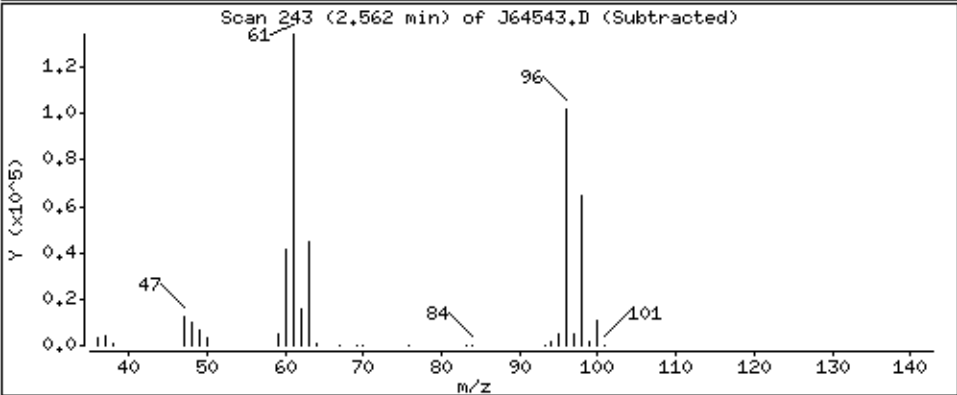
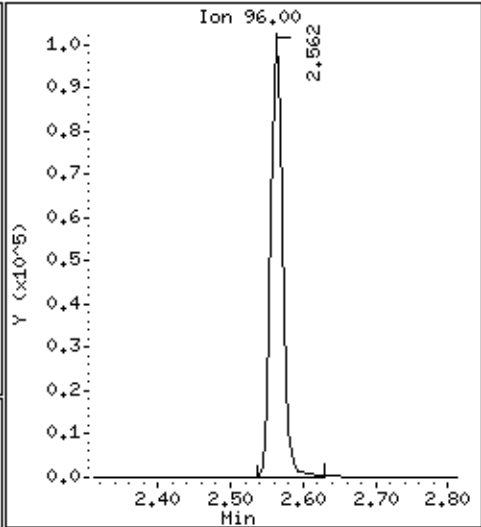
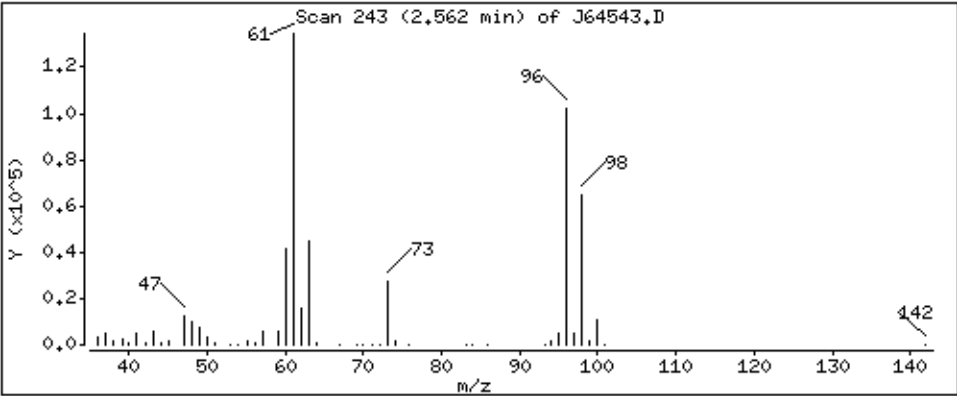
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 201 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
25 tert-Butyl Alcohol
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
28 Methyl-tert-butyl ether
Concentration: 47.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:

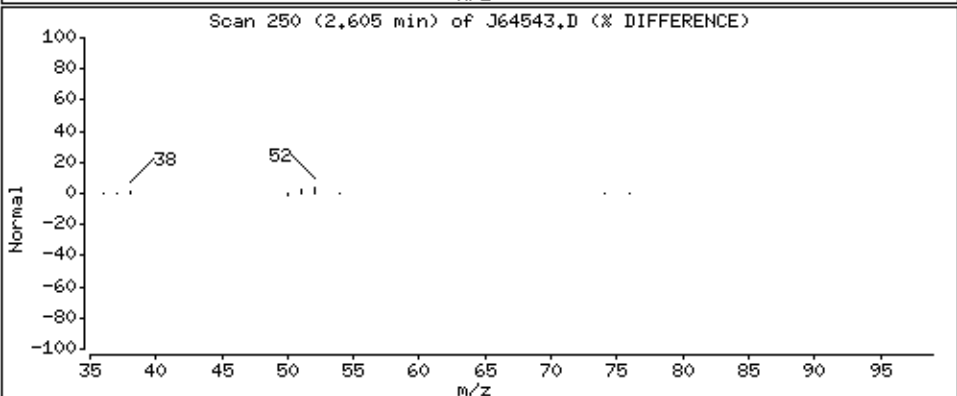
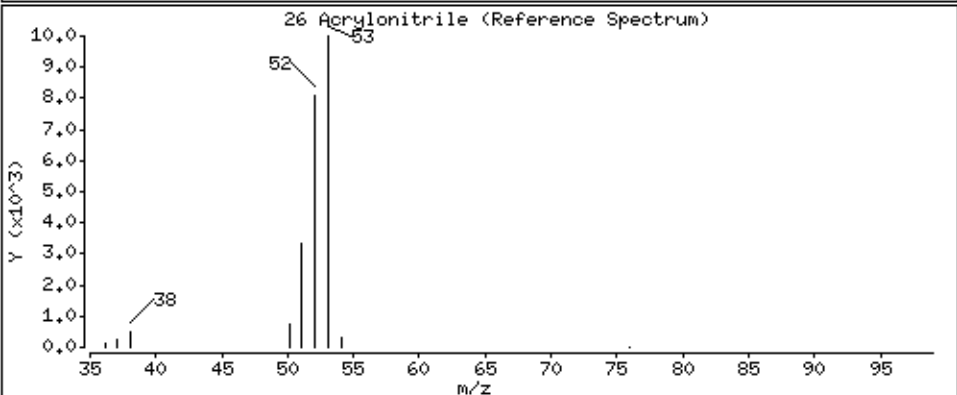
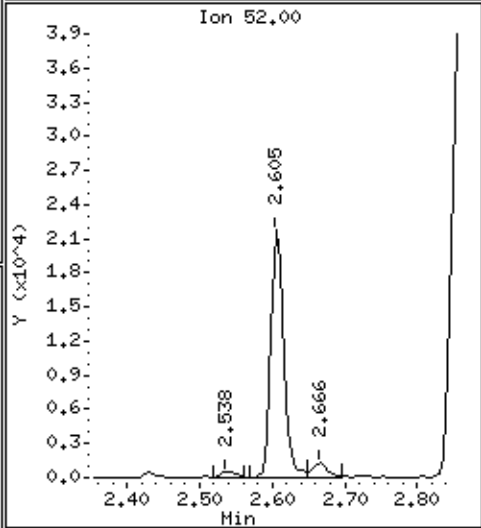
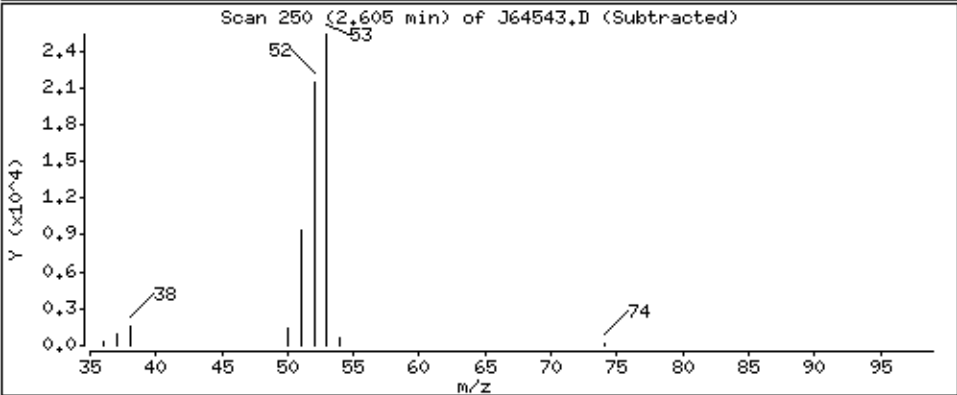
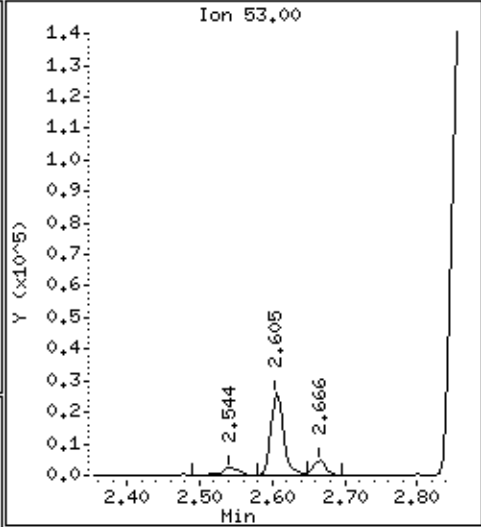
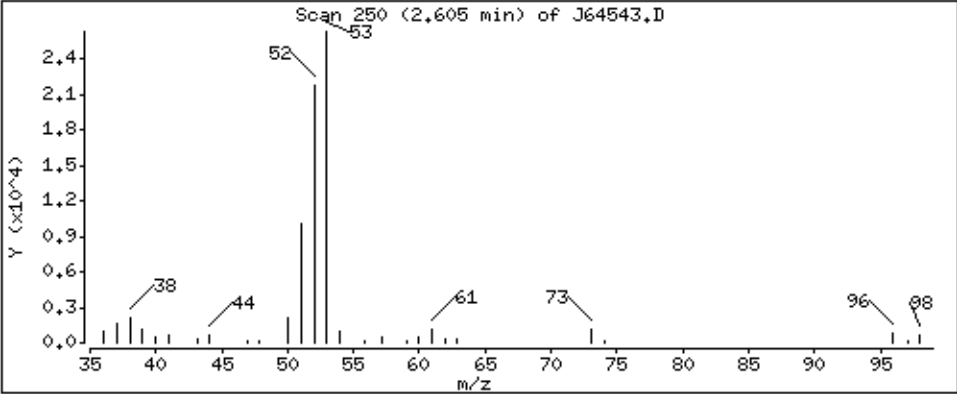


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750:1,25
Purge Volume: 5.0
Column phase: RTX-624
27 trans-1,2-Dichloroethene
Concentration: 50.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



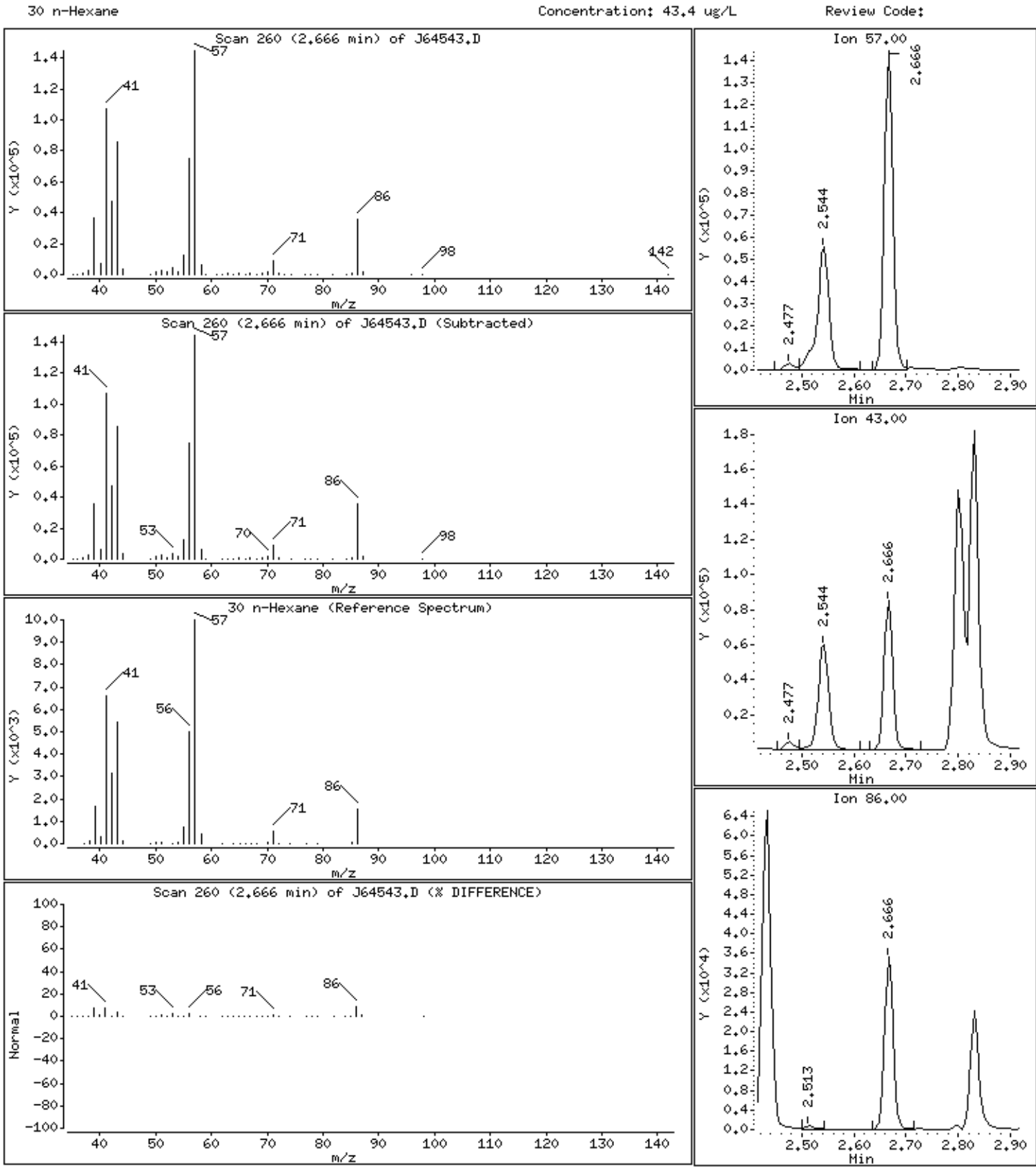
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

26 Acrylonitrile Concentration: 37,6 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Concentration: 43.4 ug/L
Column diameter: 0.18



30 n-Hexane (Reference Spectrum)

Y (x10³)

m/z

Ion 86.00

Y (x10⁴)

Min

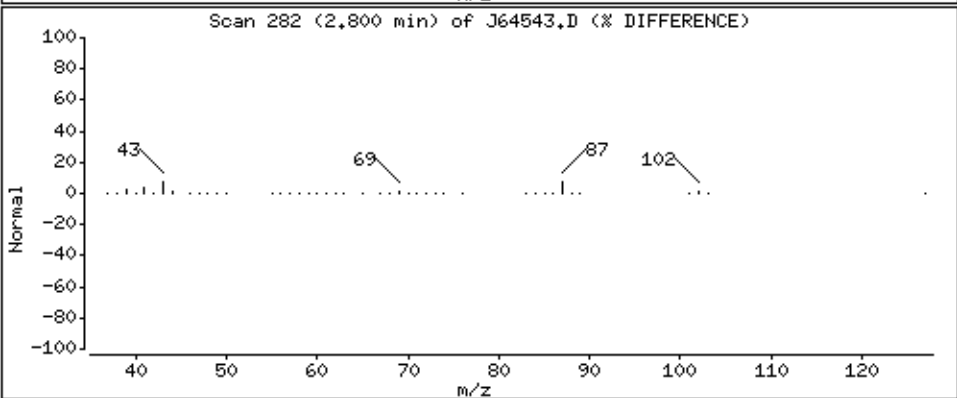
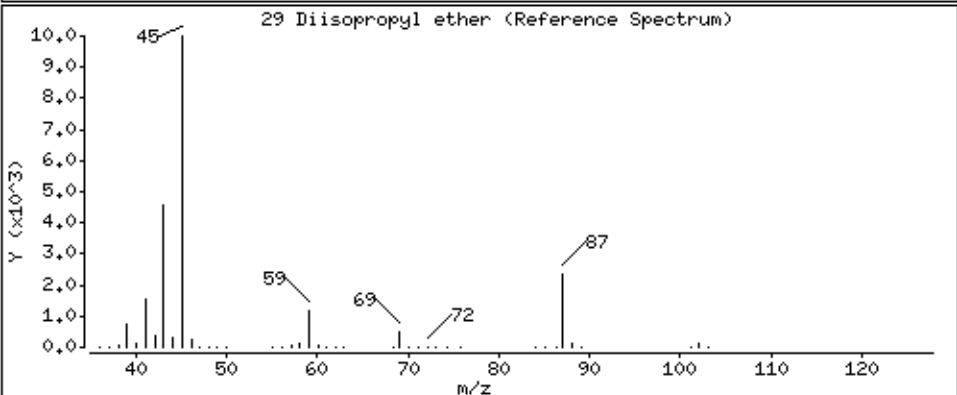
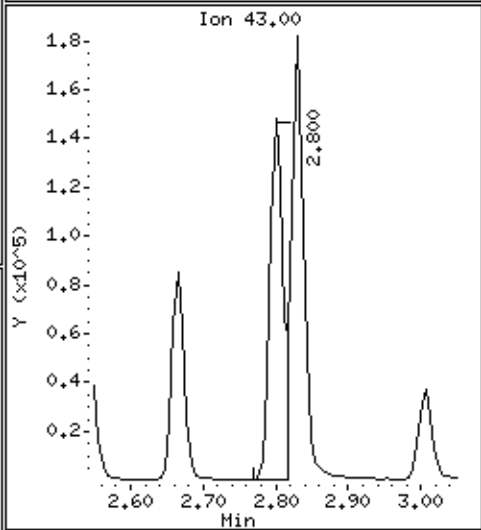
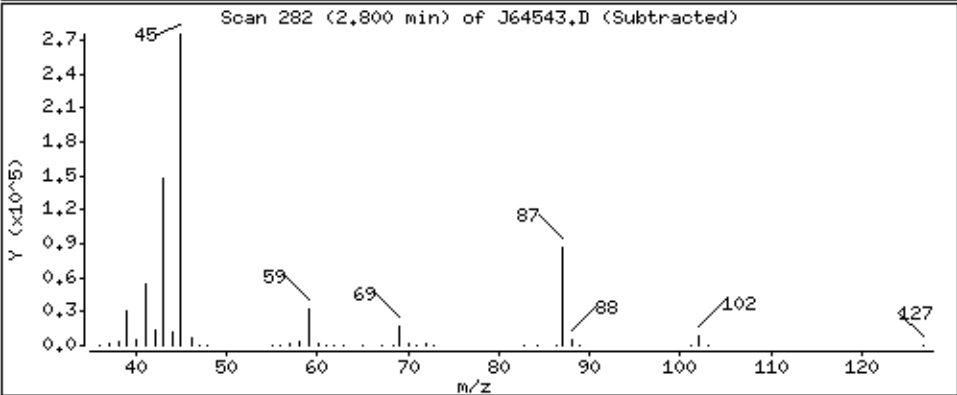
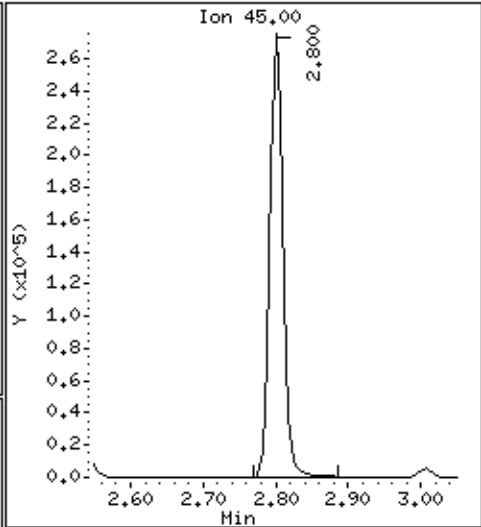
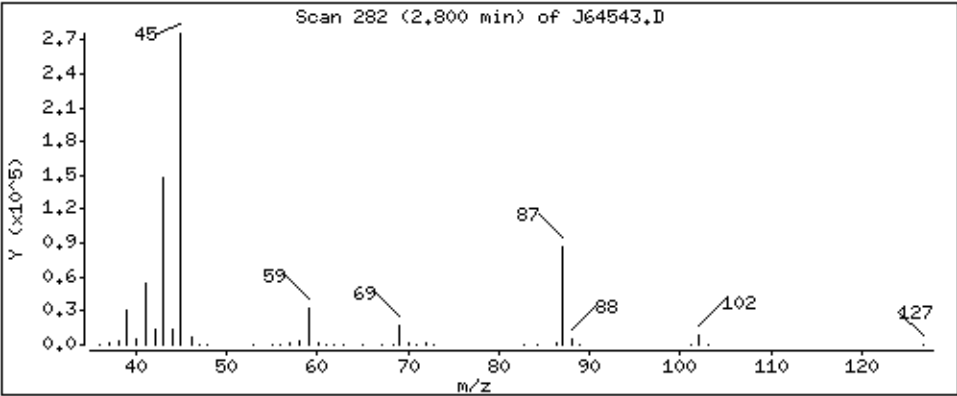
Scan 260 (2.666 min) of J64543.D (% DIFFERENCE)

Normal

m/z

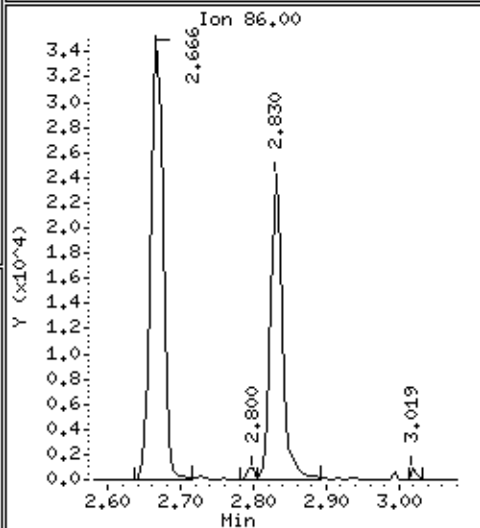
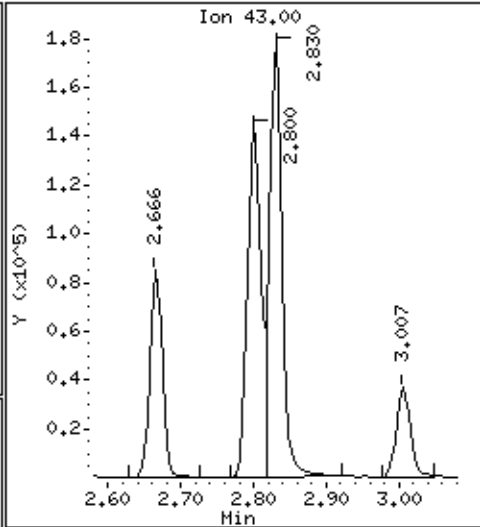
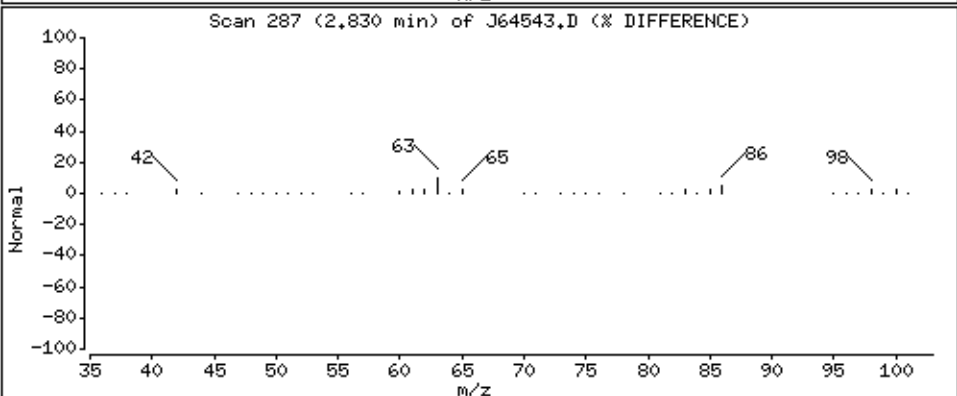
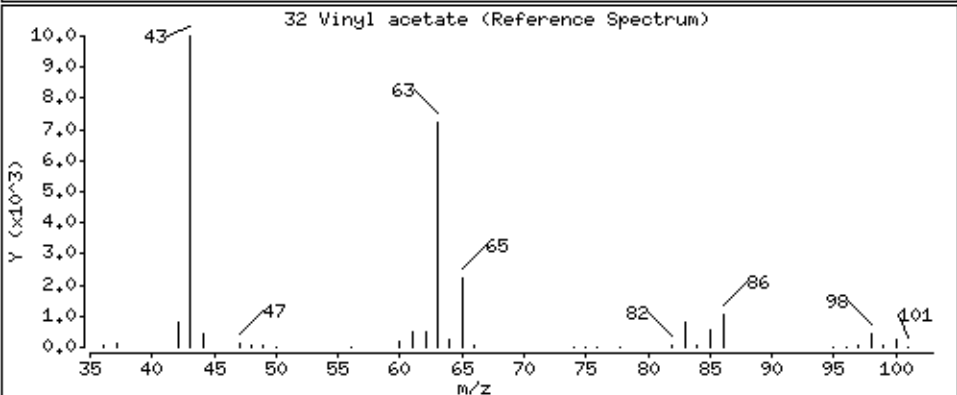
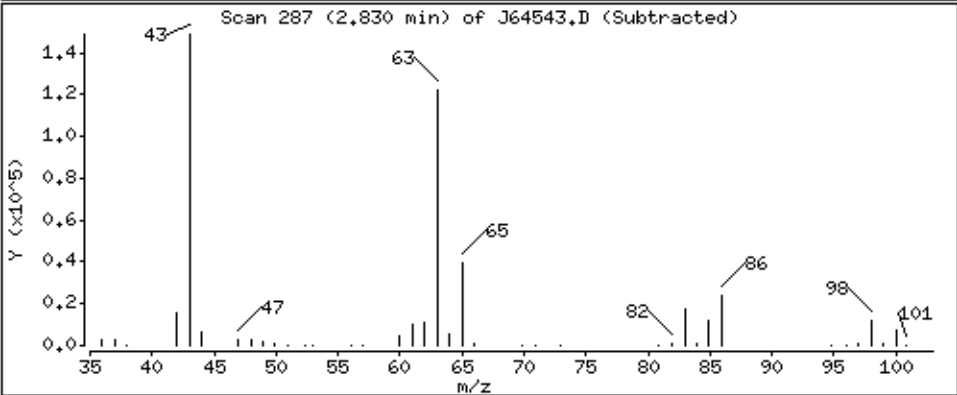
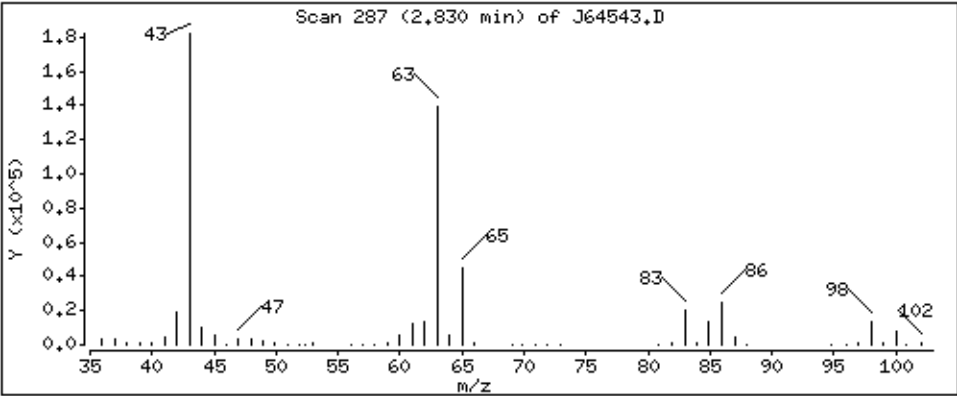
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

29 Diisopropyl ether Concentration: 41.2 ug/L Review Code:

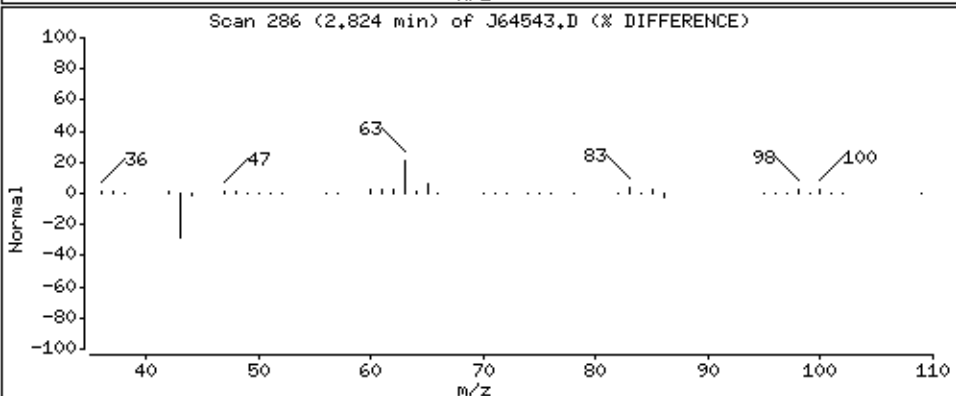
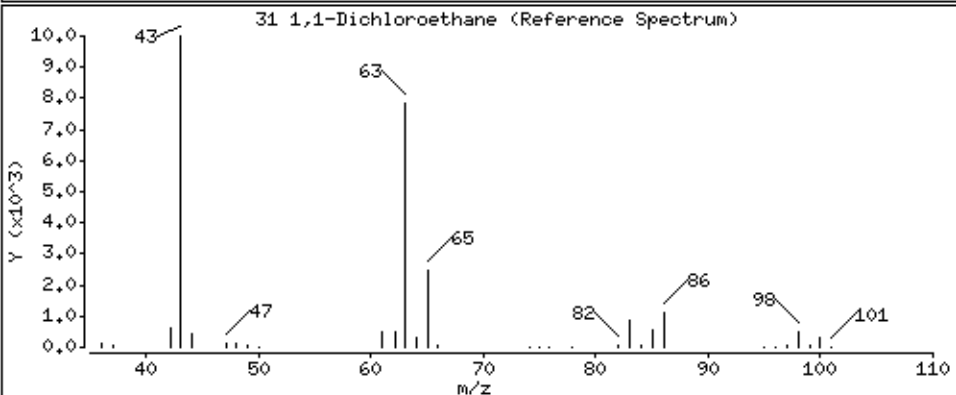
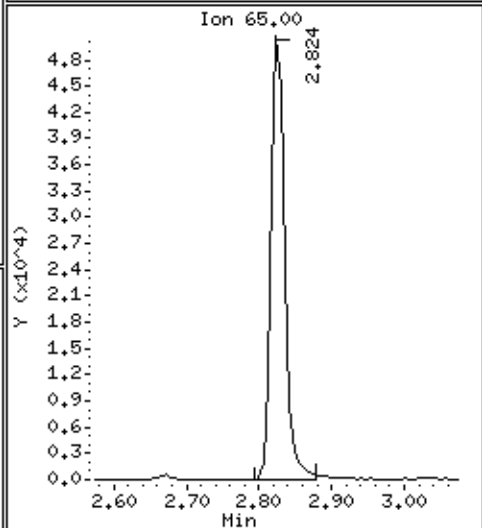
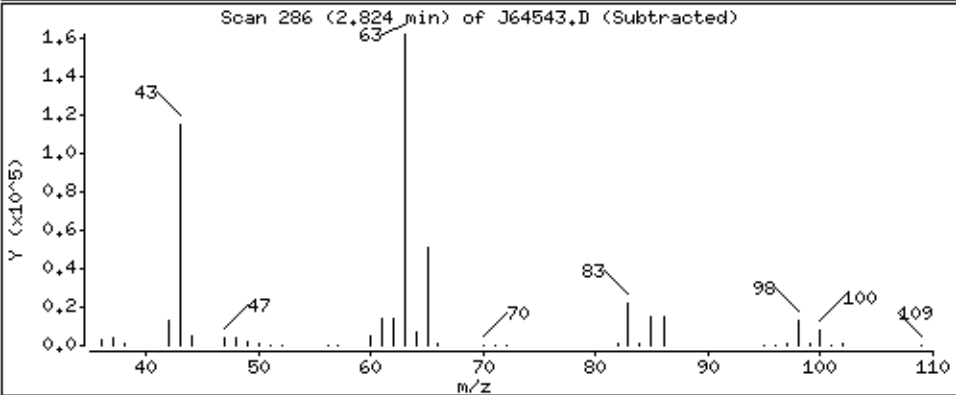
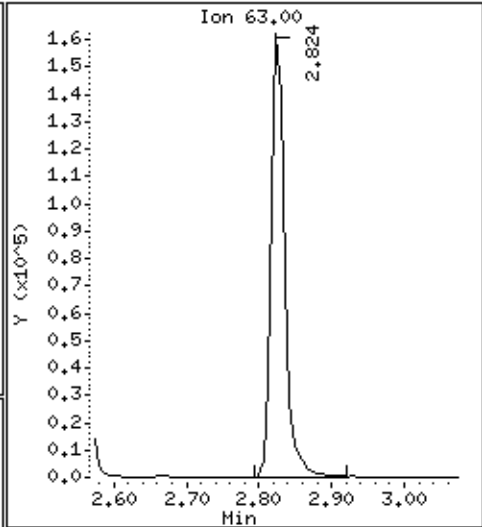
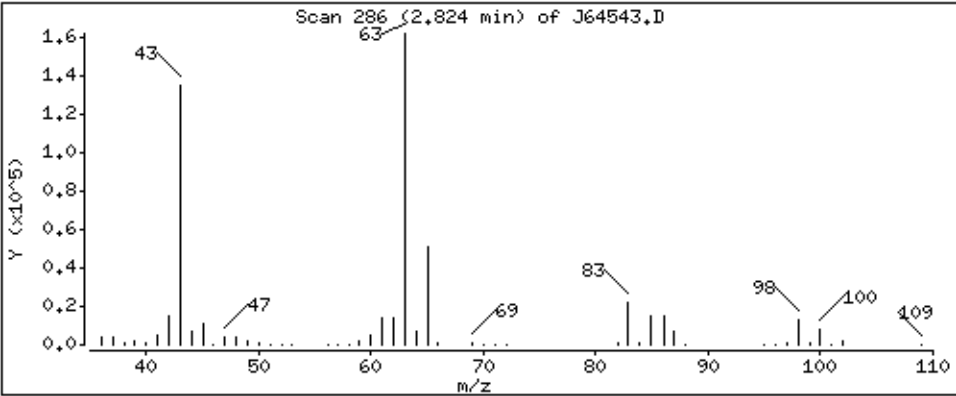


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

32 Vinyl acetate Concentration: 38,4 ug/L Review Code:

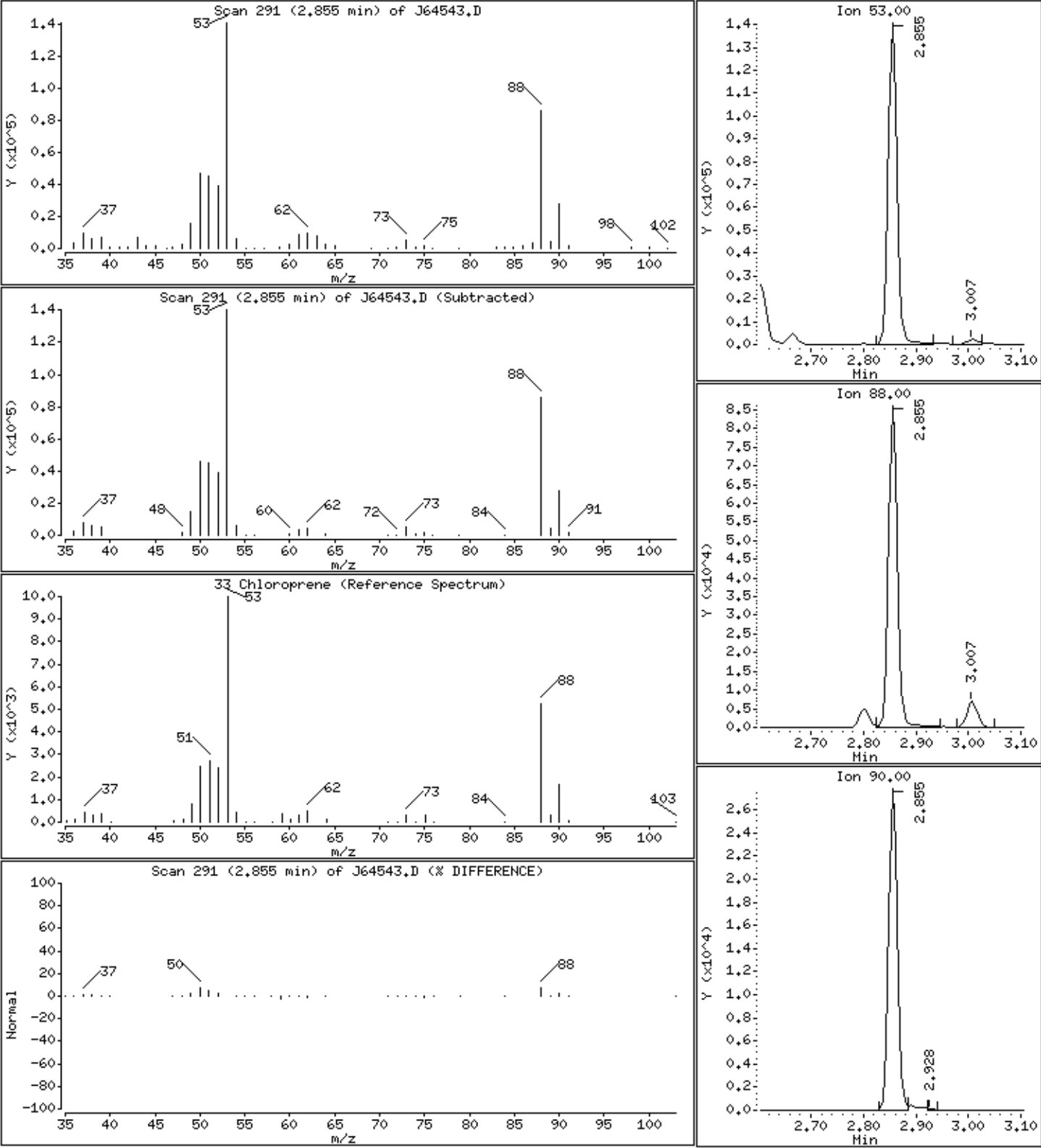


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 46.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

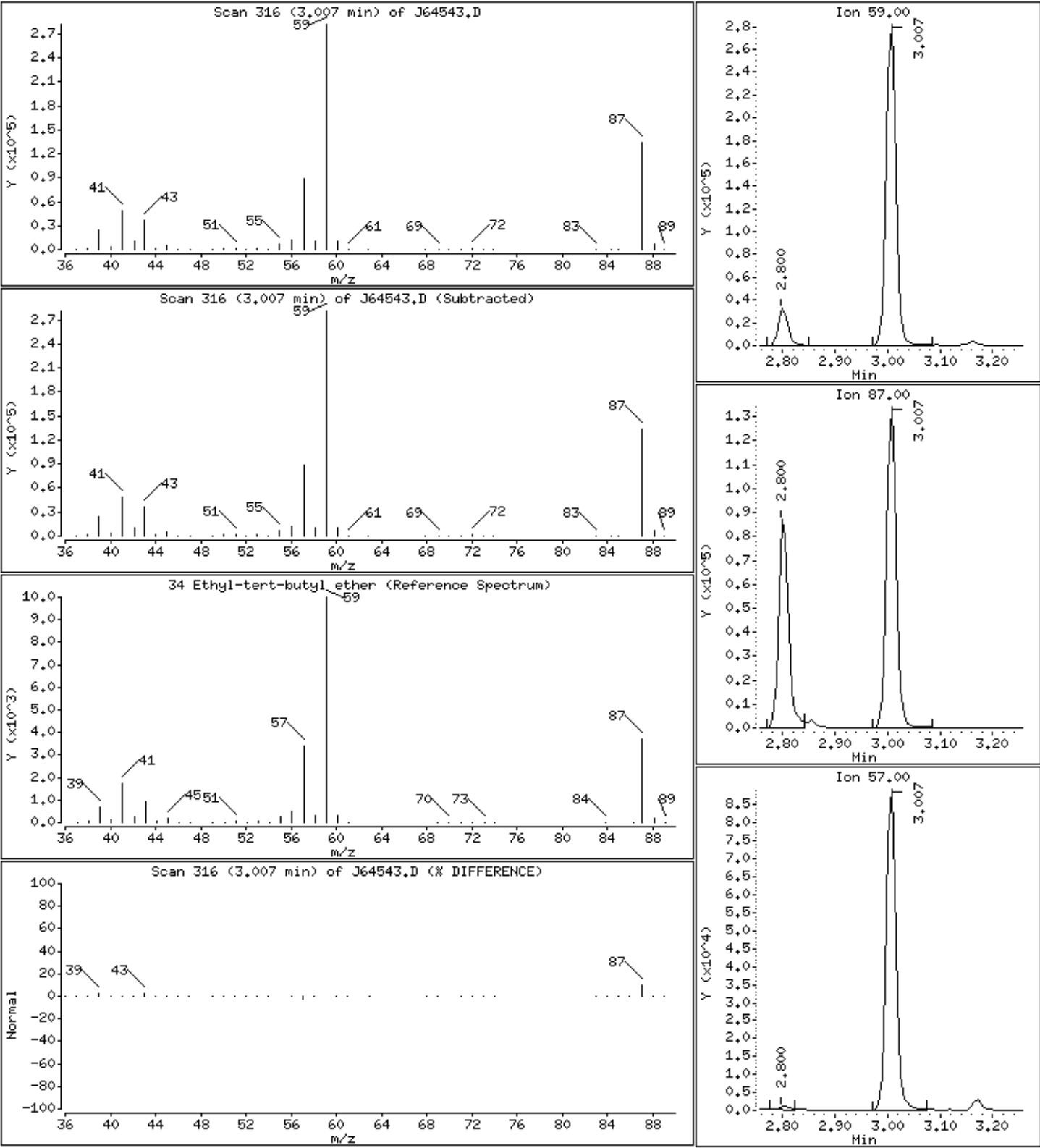
33 Chloroprene Concentration: 45,2 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

34 Ethyl-tert-butyl ether Concentration: 43.4 ug/L Review Code:



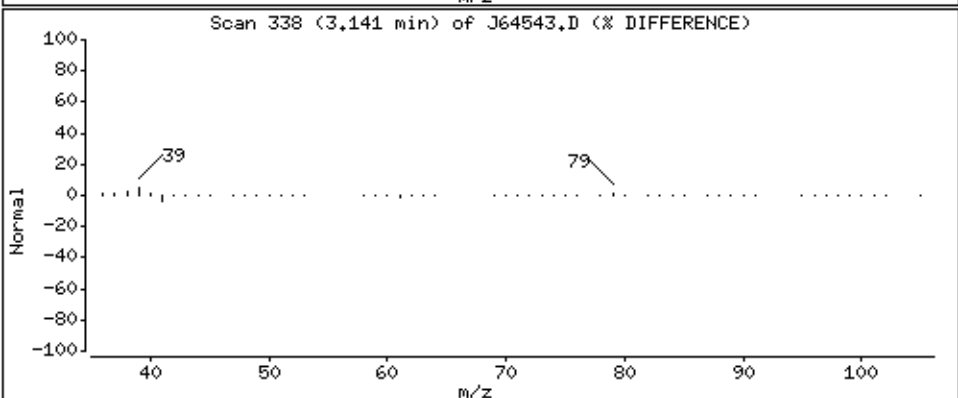
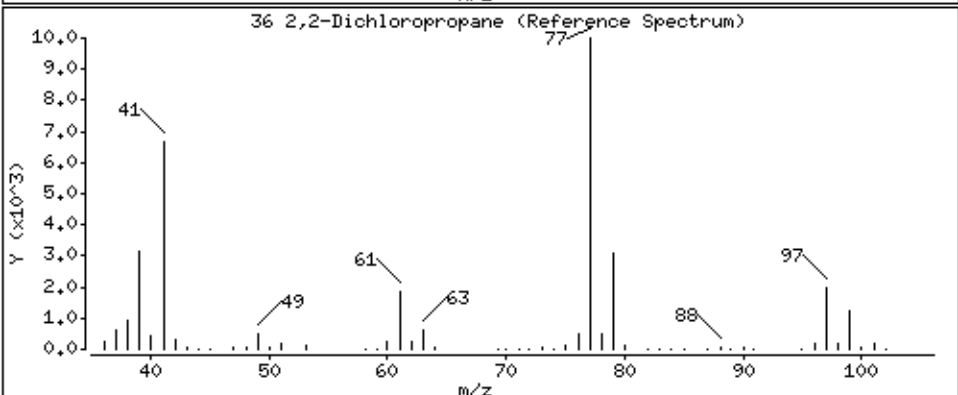
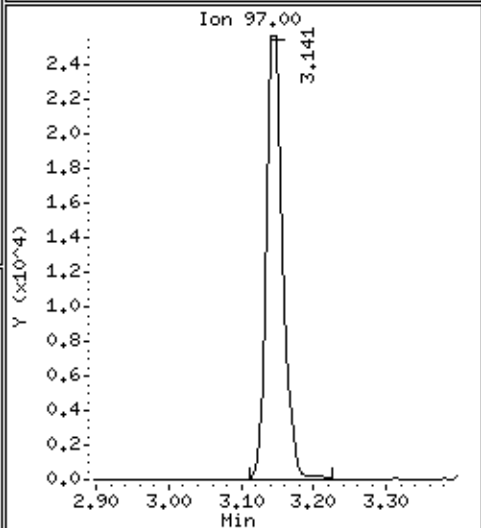
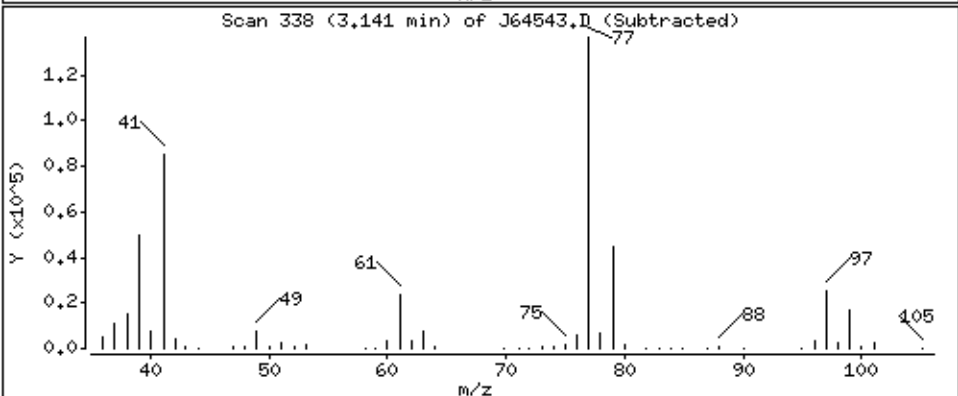
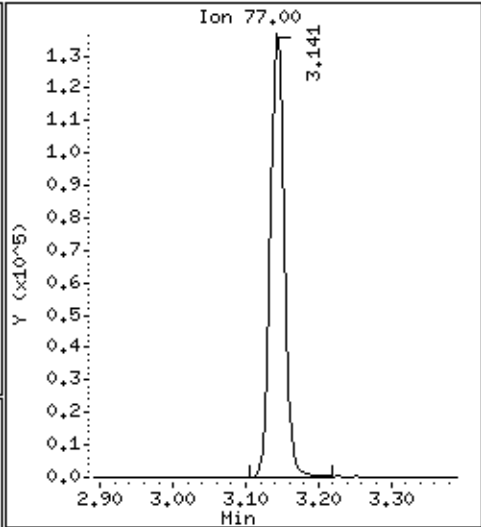
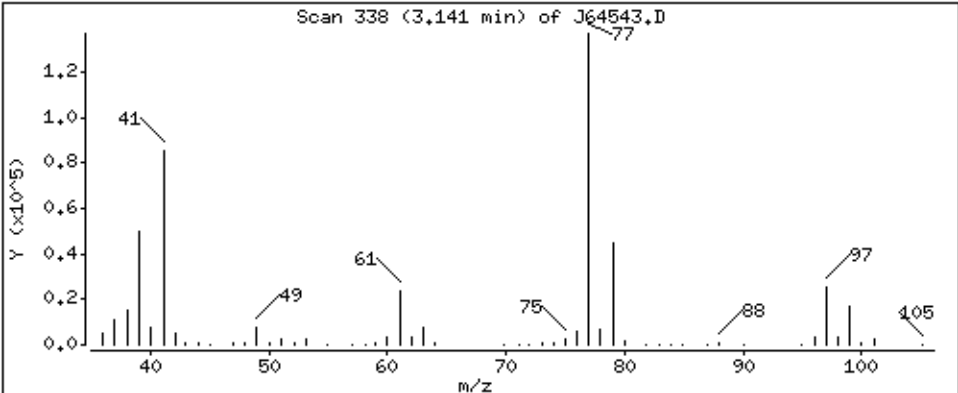
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 45.9 ug/L

Instrument: 70msv6.i

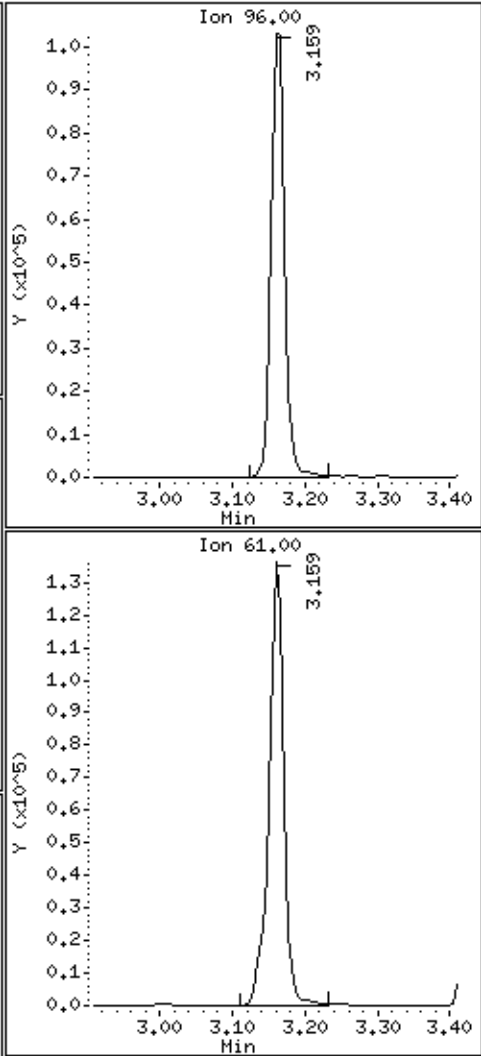
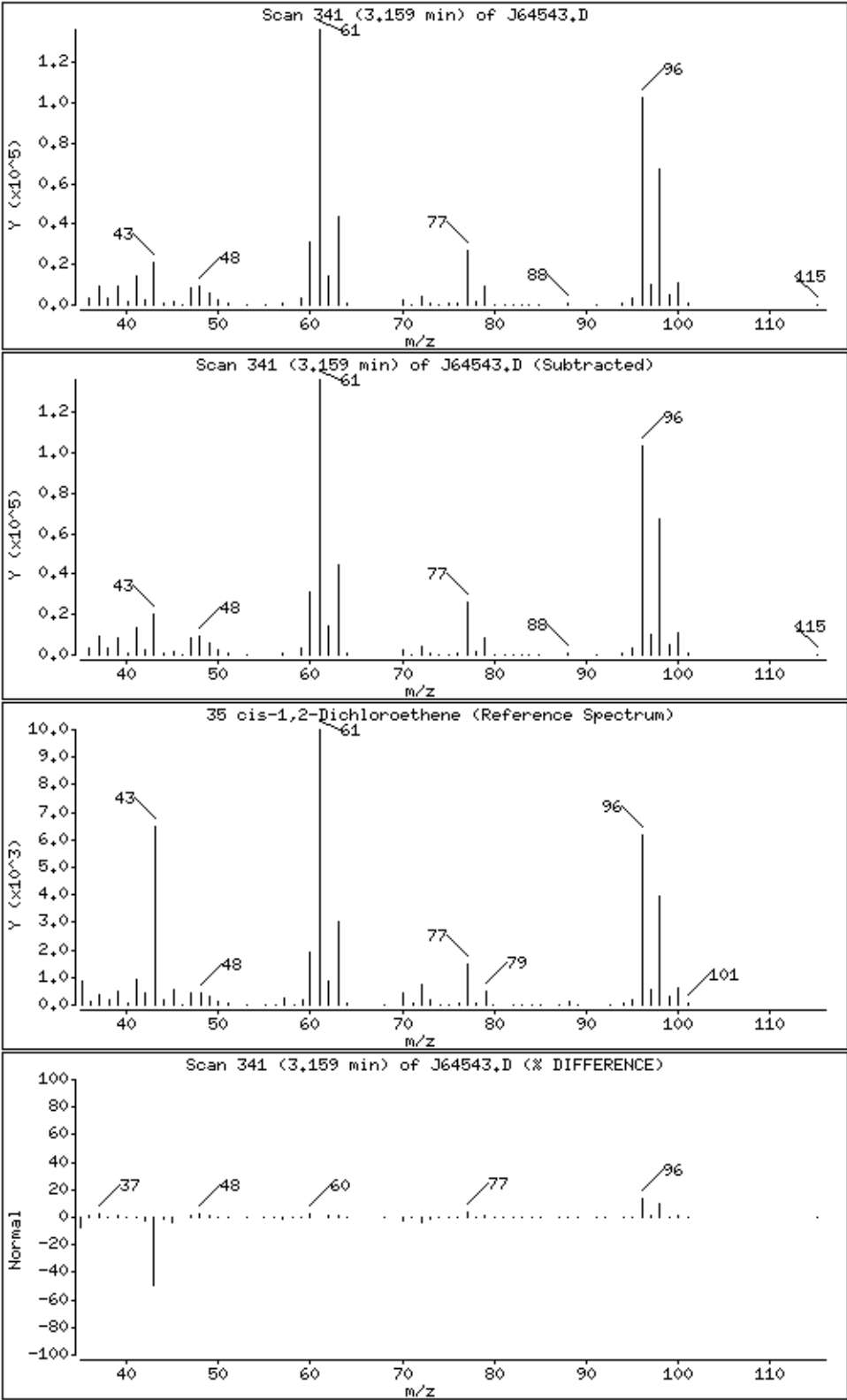
Operator: BBL

Column diameter: 0.18

Review Code:

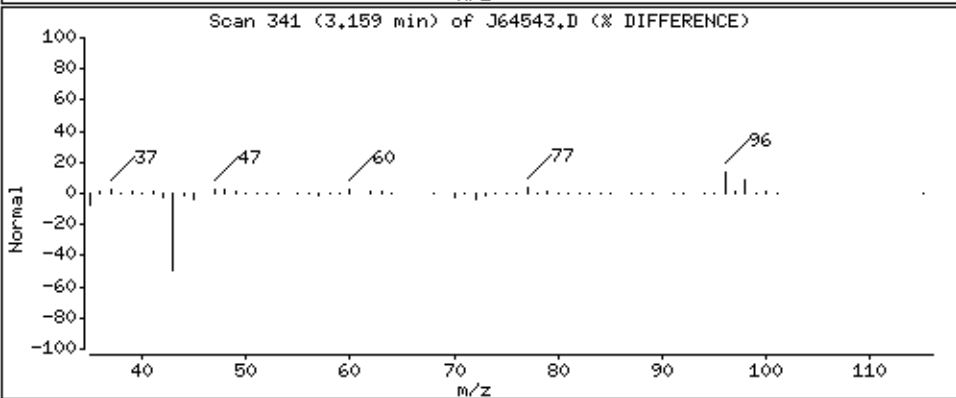
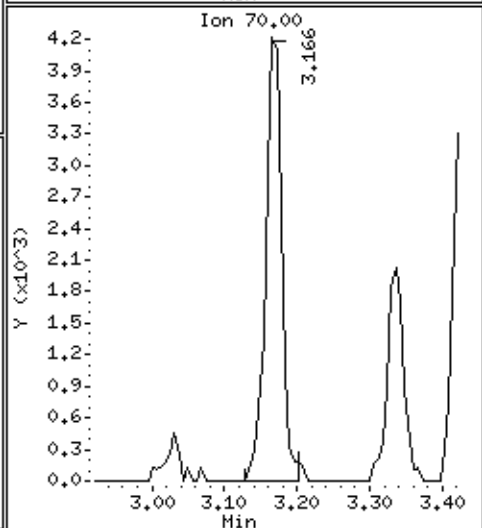
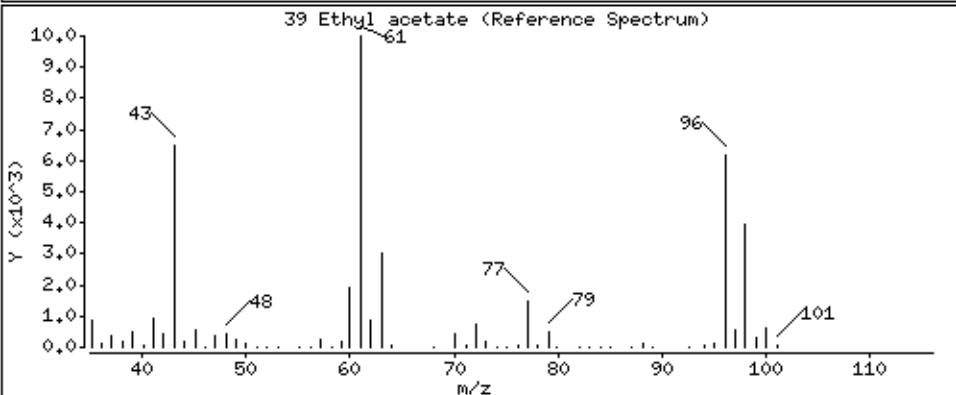
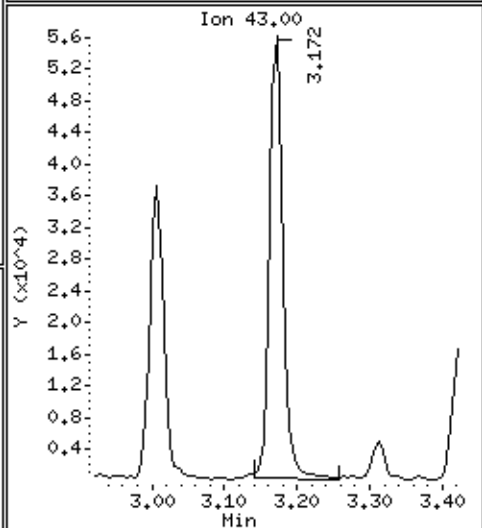
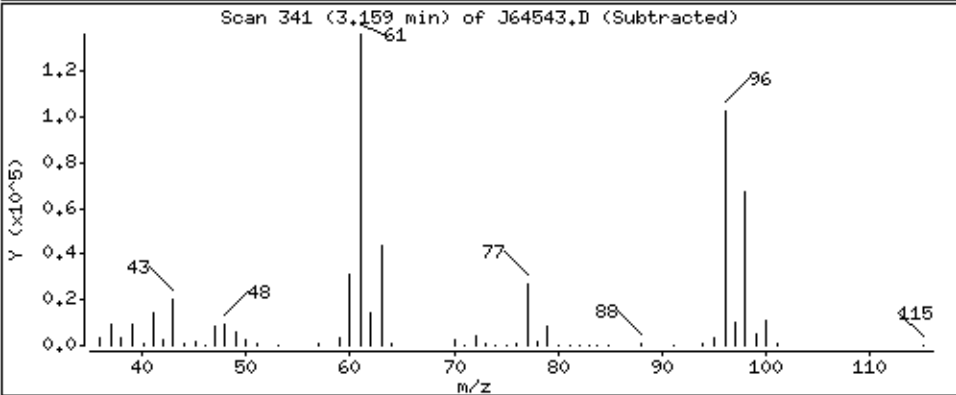
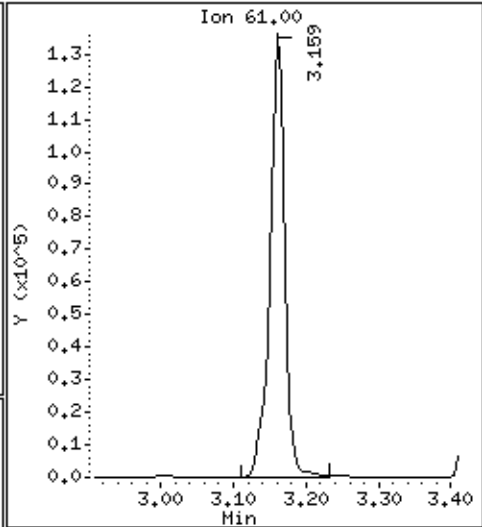
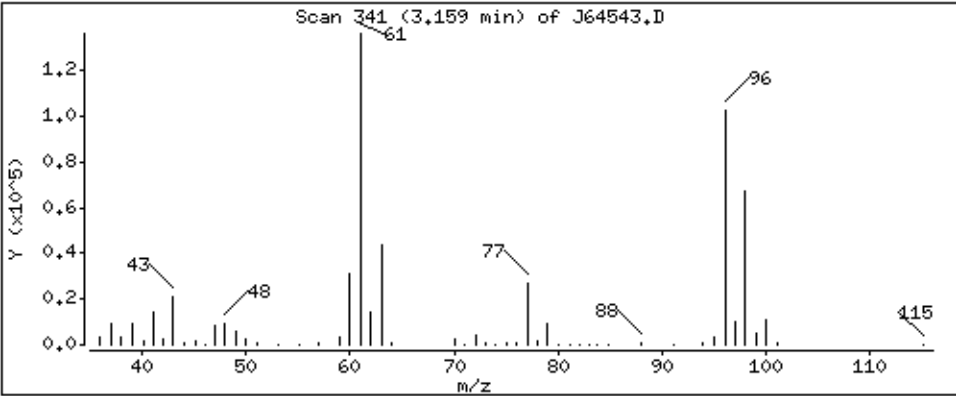


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 48.2 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



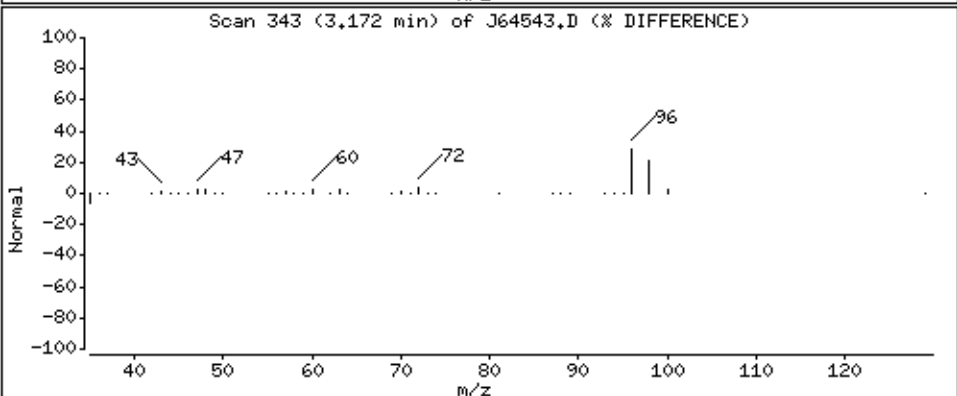
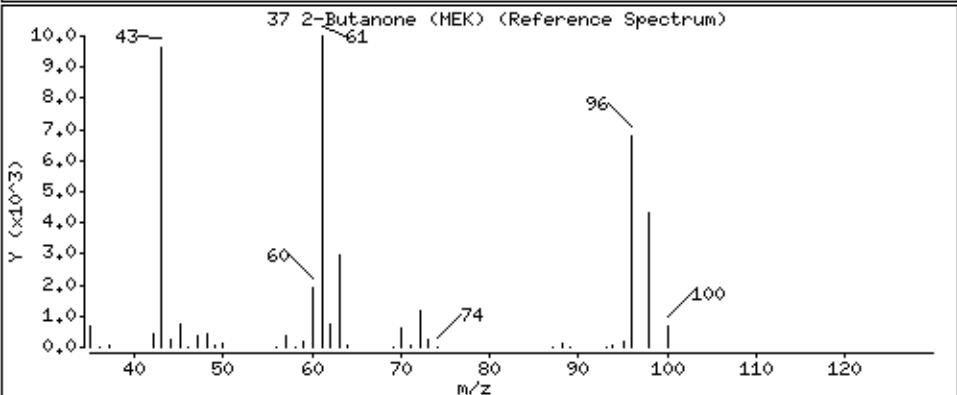
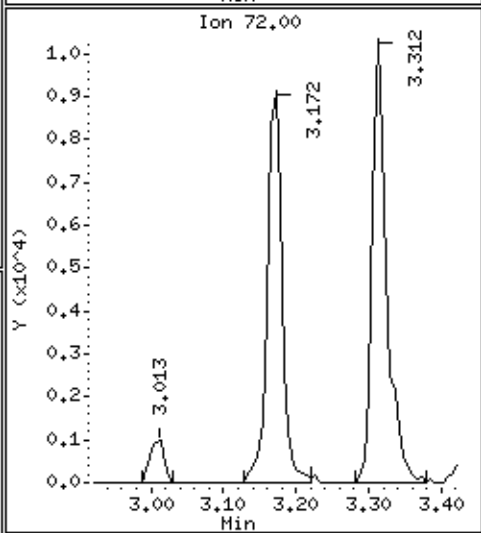
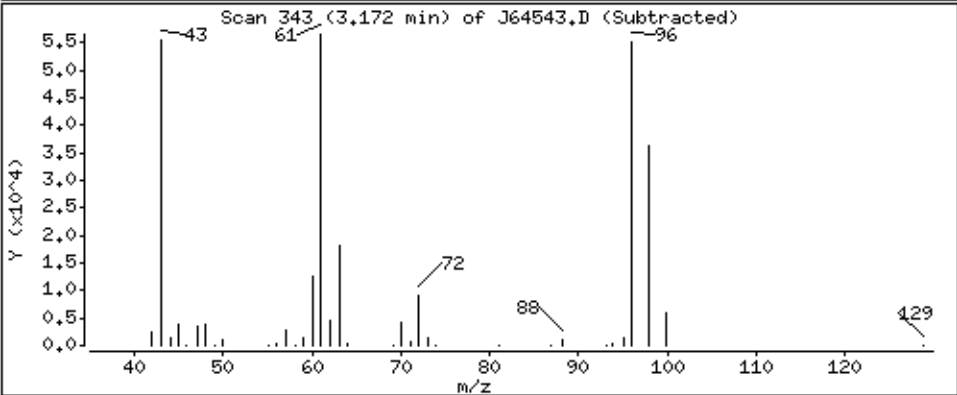
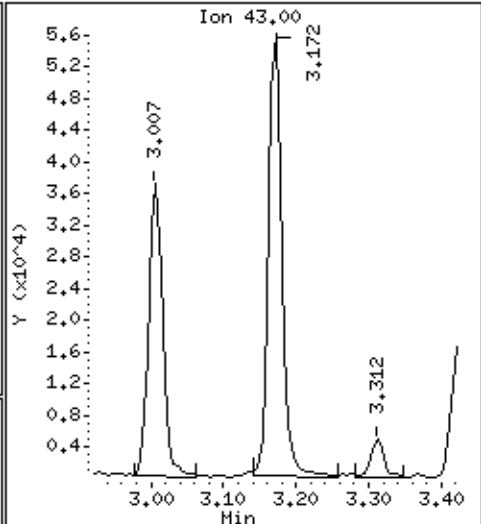
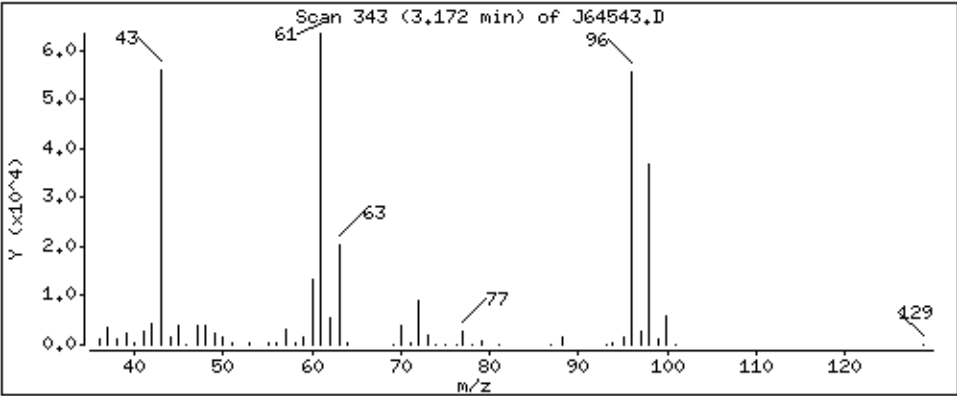
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

39 Ethyl acetate
Concentration: 44.0 ug/L
Review Code:



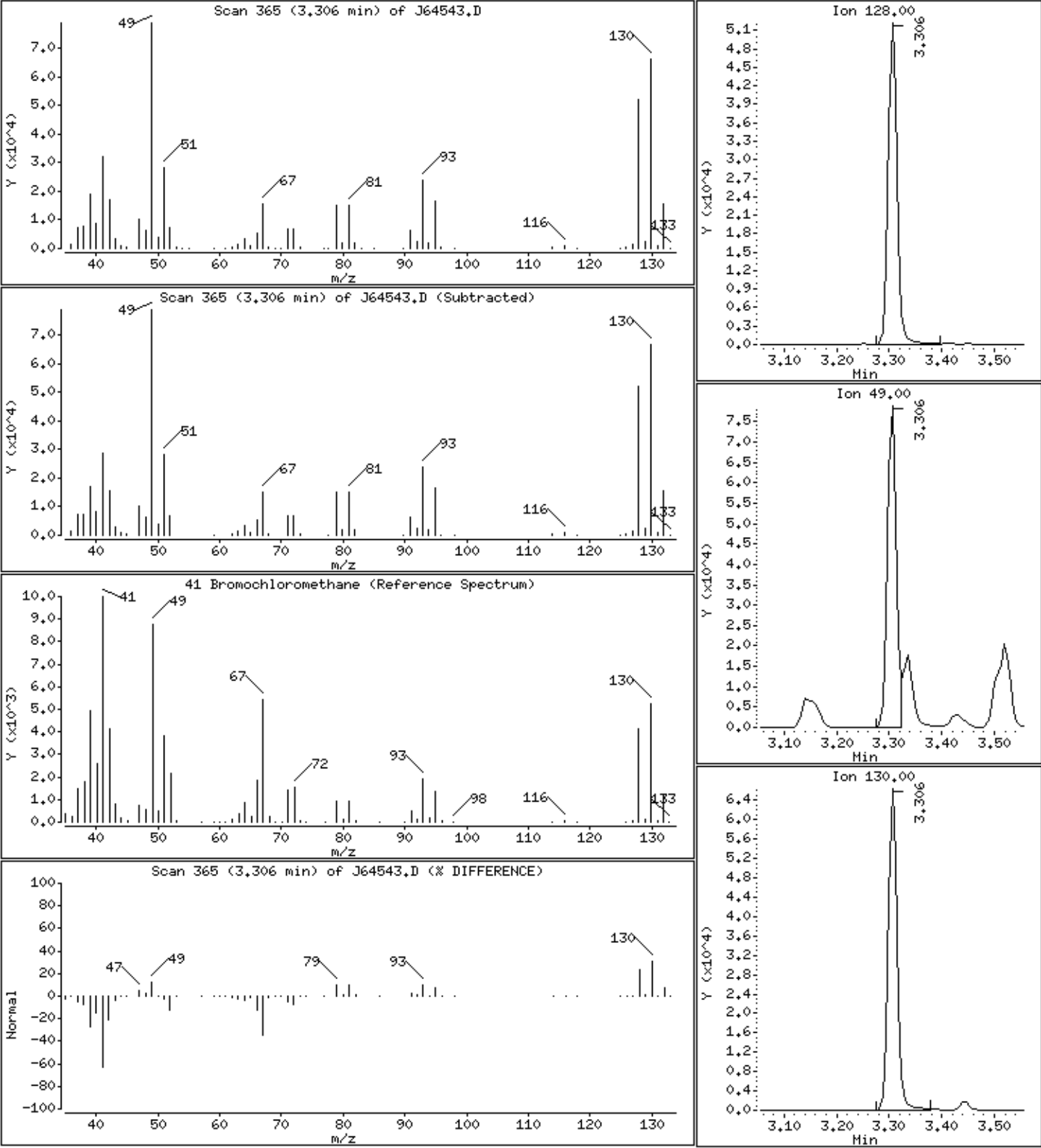
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 32.9 ug/L
Column diameter: 0.18

37 2-Butanone (MEK) Review Code:



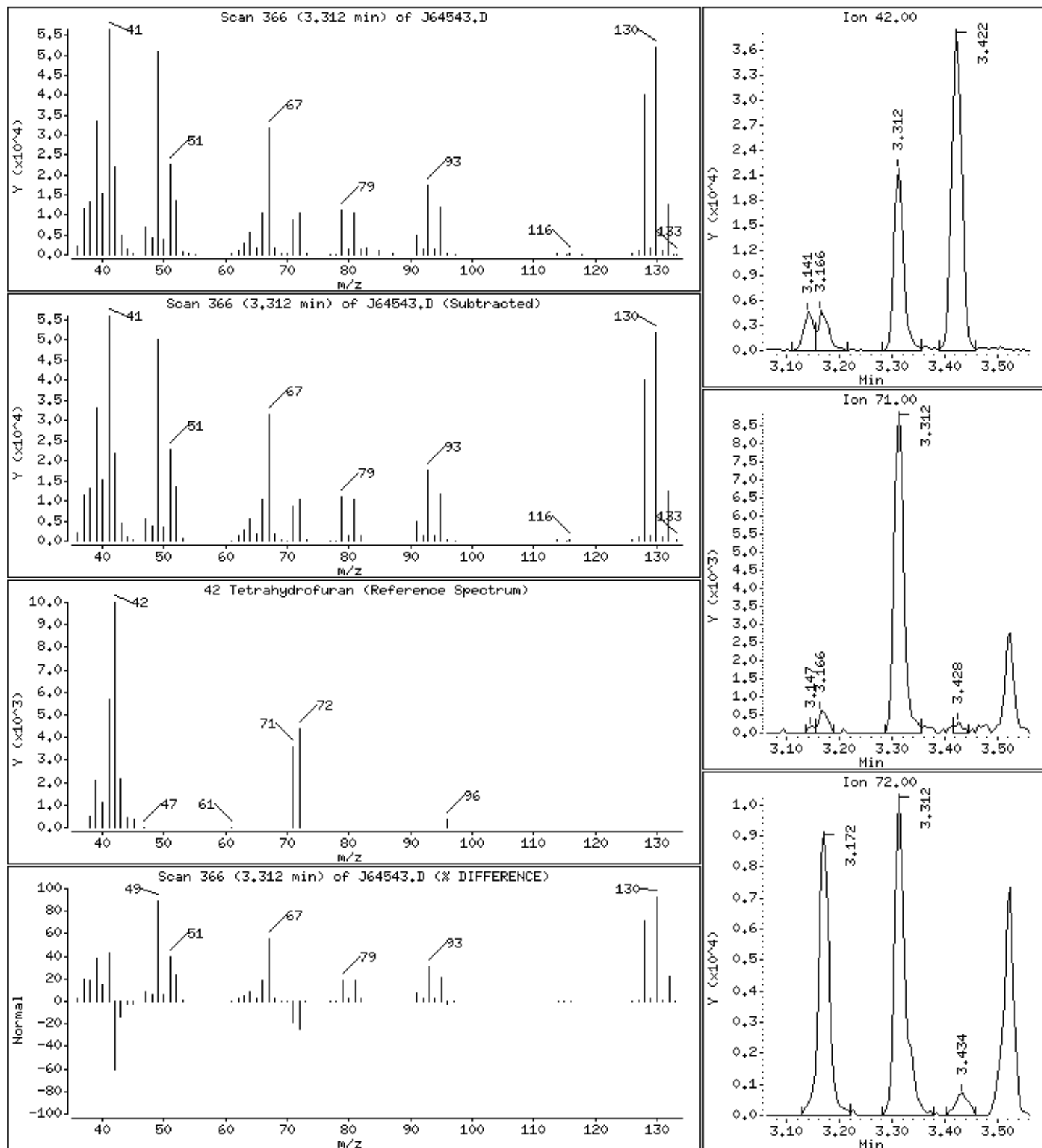
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

41 Bromochloromethane Concentration: 53.0 ug/L Review Code:



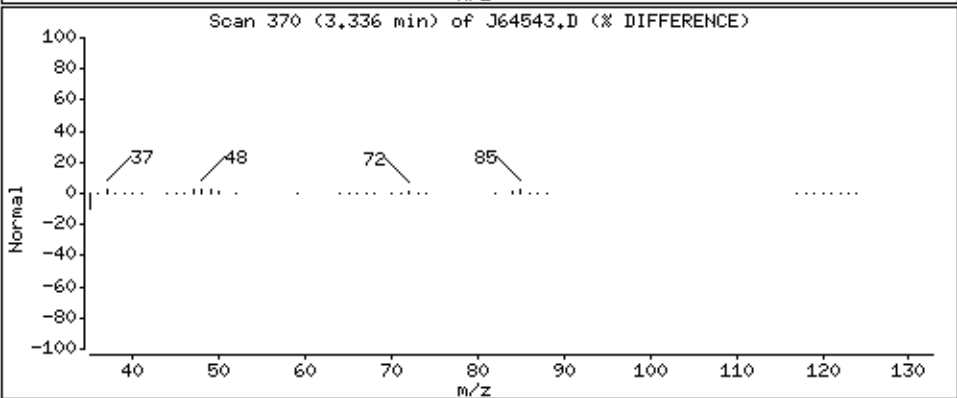
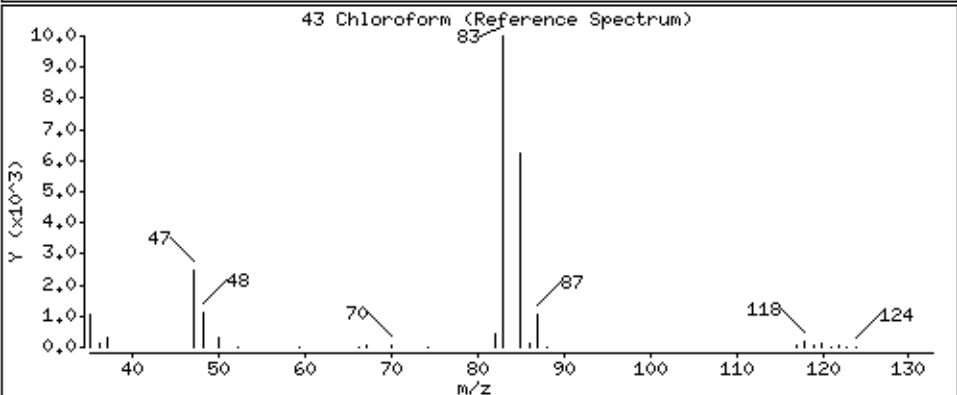
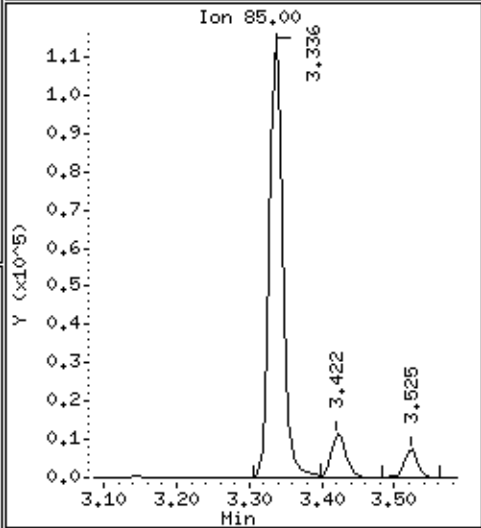
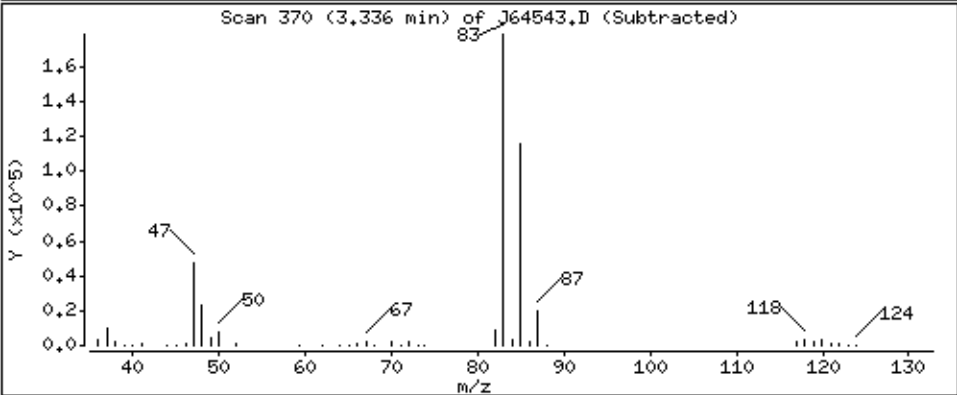
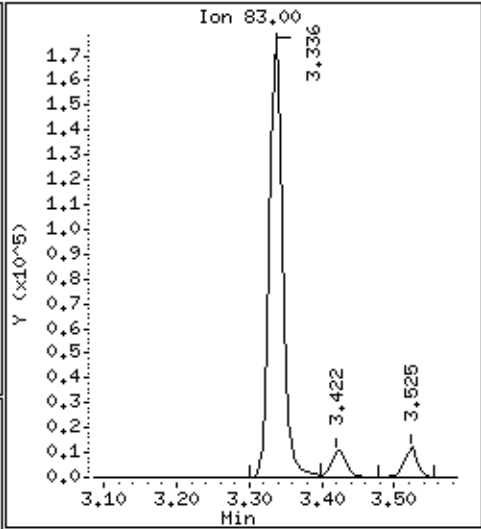
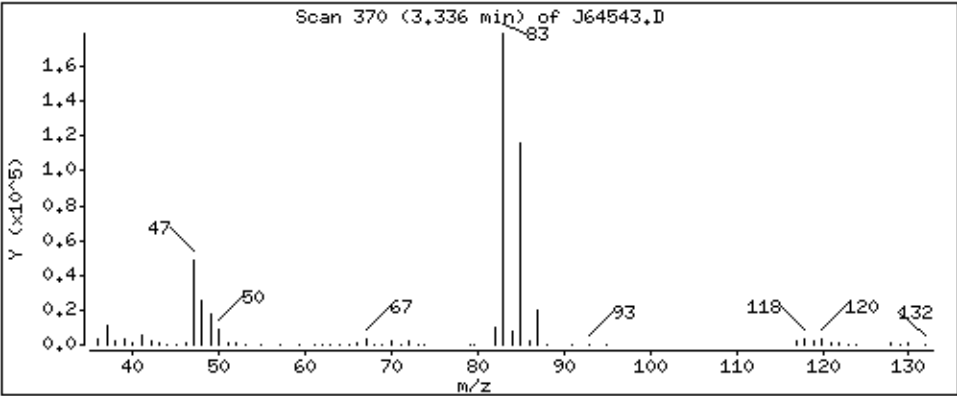
Column diameter: 0.18

Review Code:



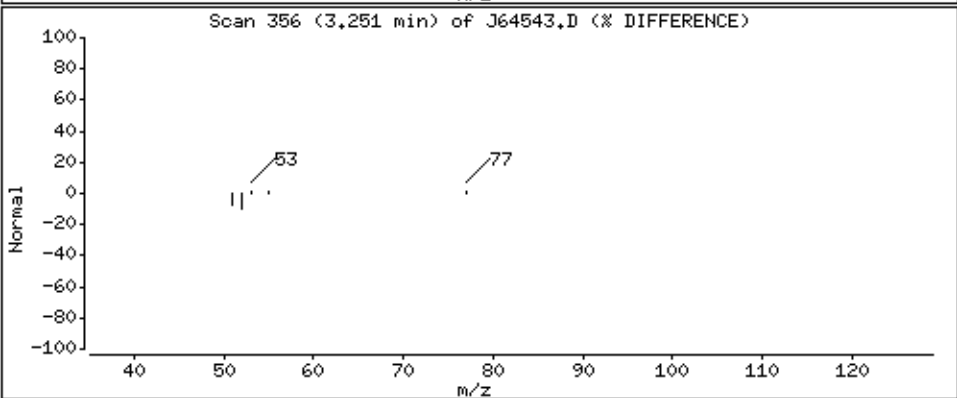
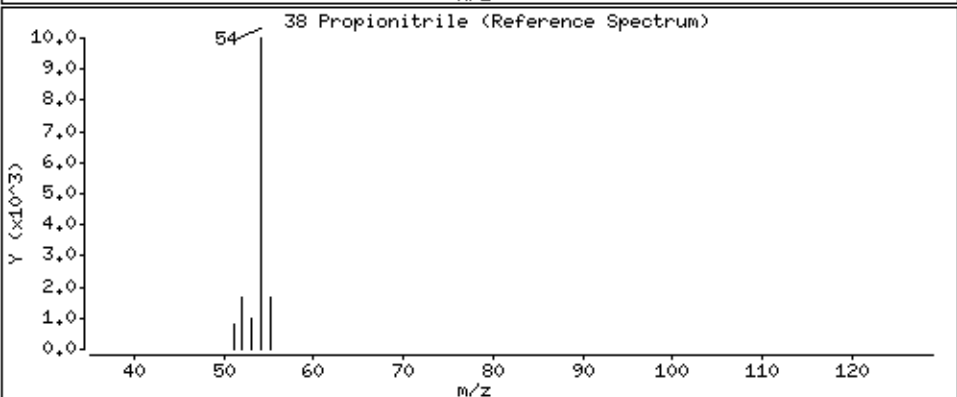
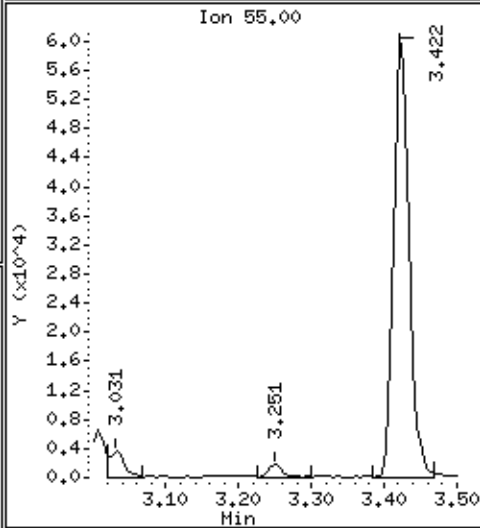
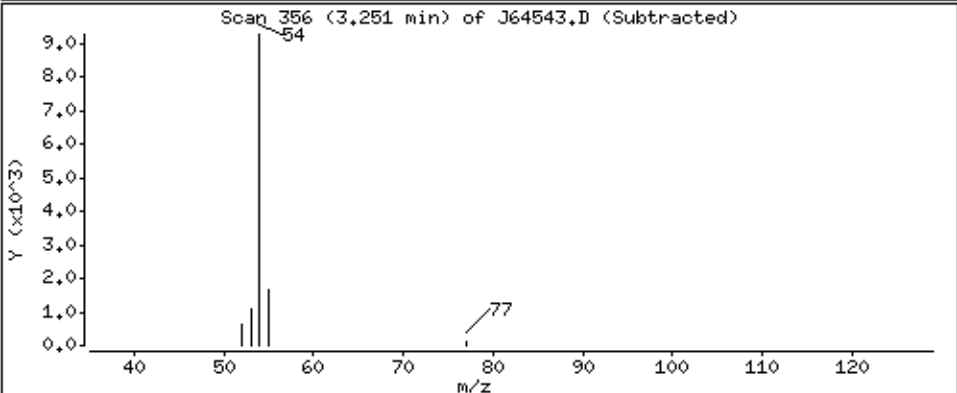
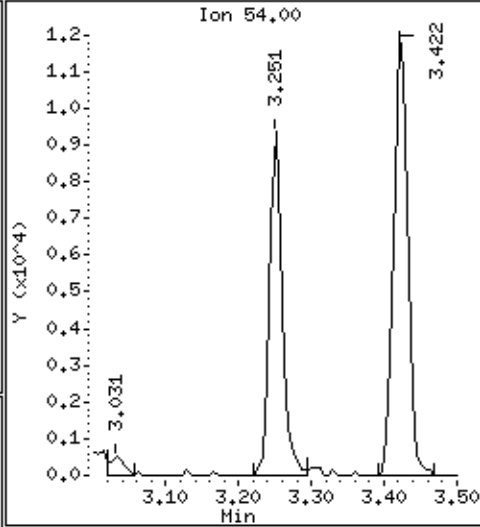
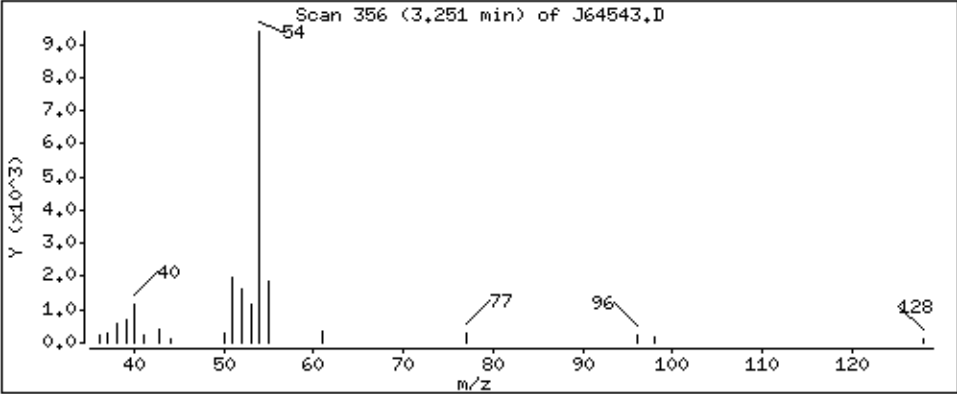
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

43 Chloroform Concentration: 51.1 ug/L Review Code:



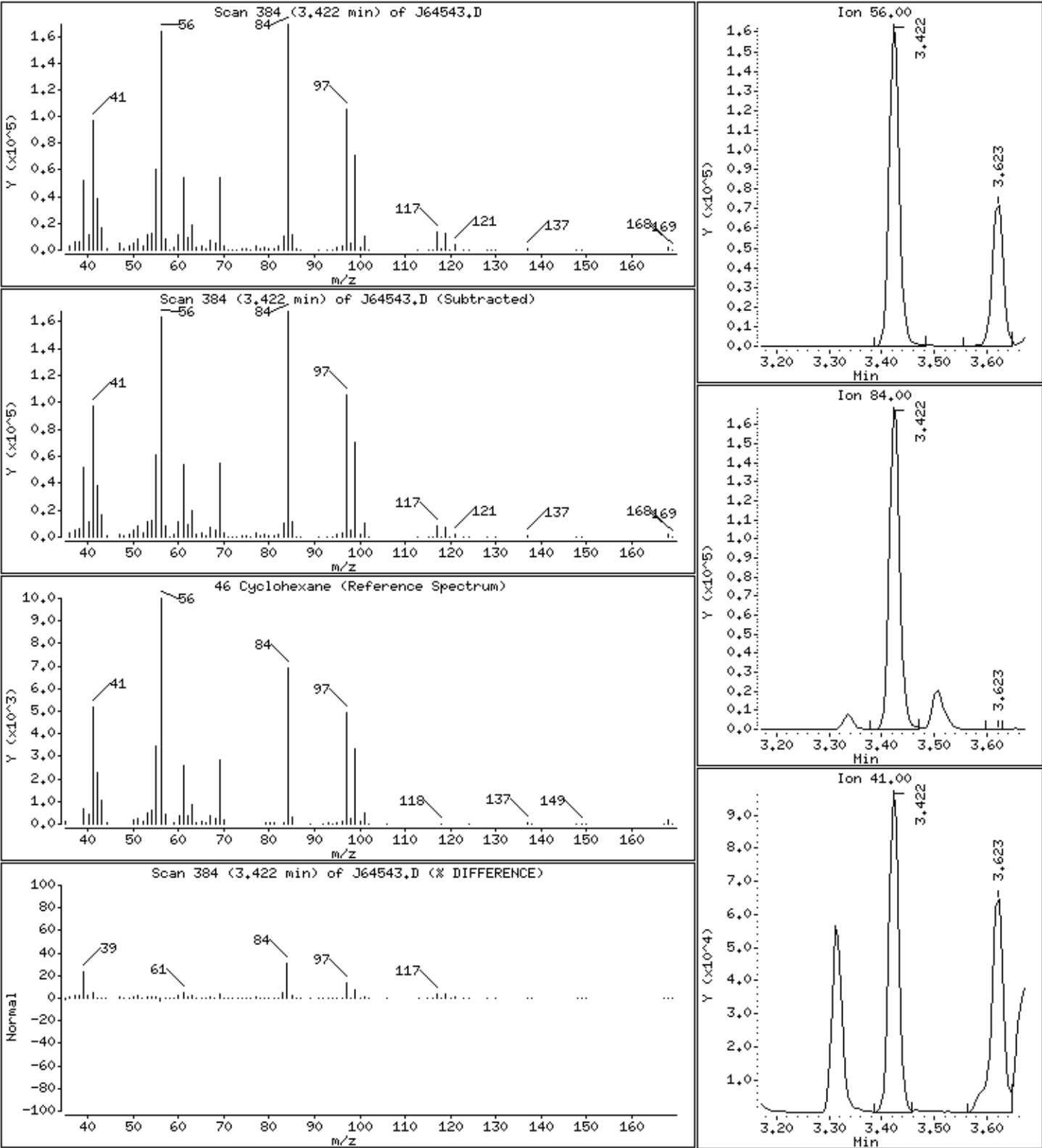
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

38 Propionitrile
Concentration: 34,8 ug/L
Review Code:

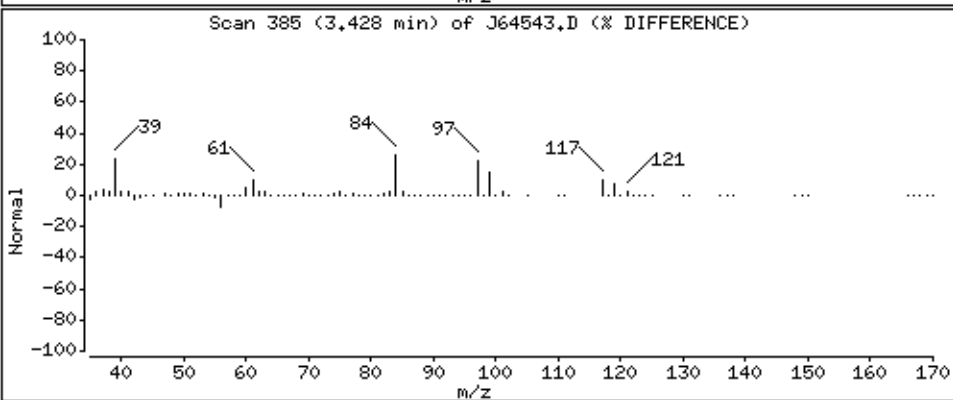
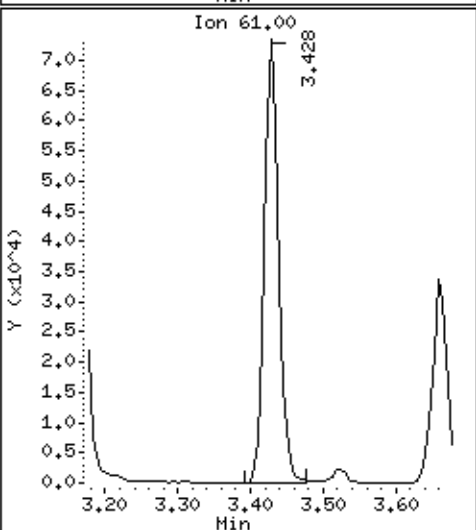
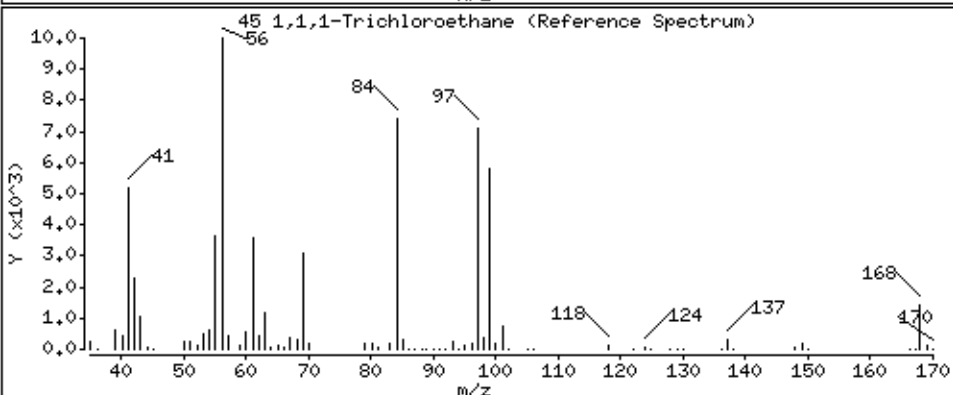
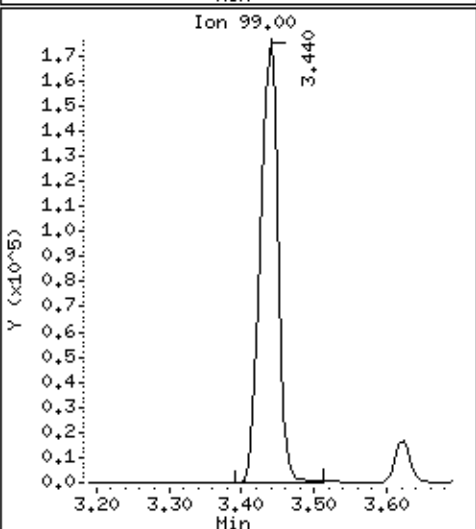
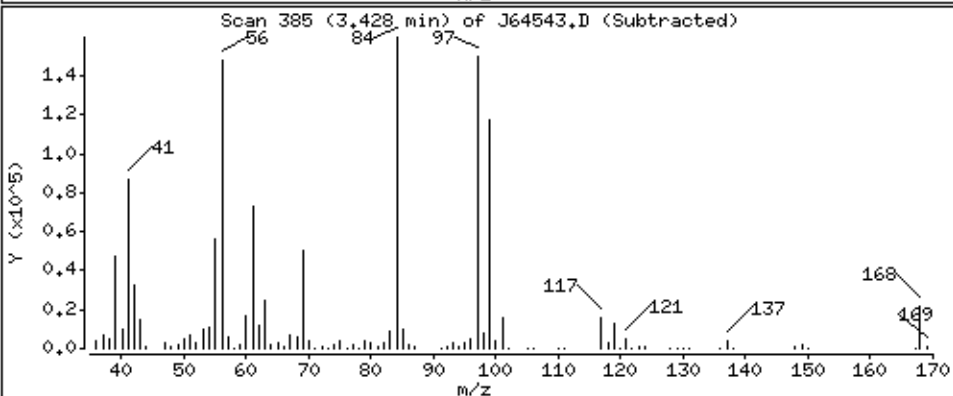
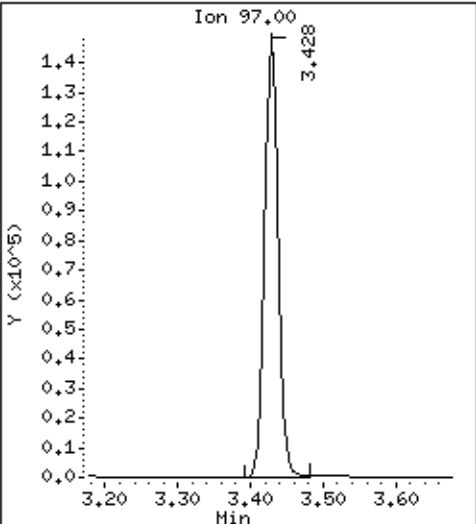
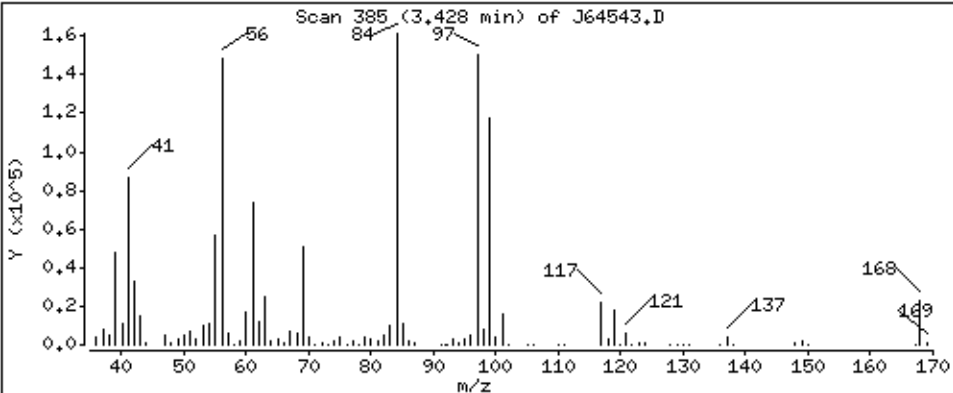


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Instrument: 70msv6.i
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

46 Cyclohexane Concentration: 40.6 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 47.9 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



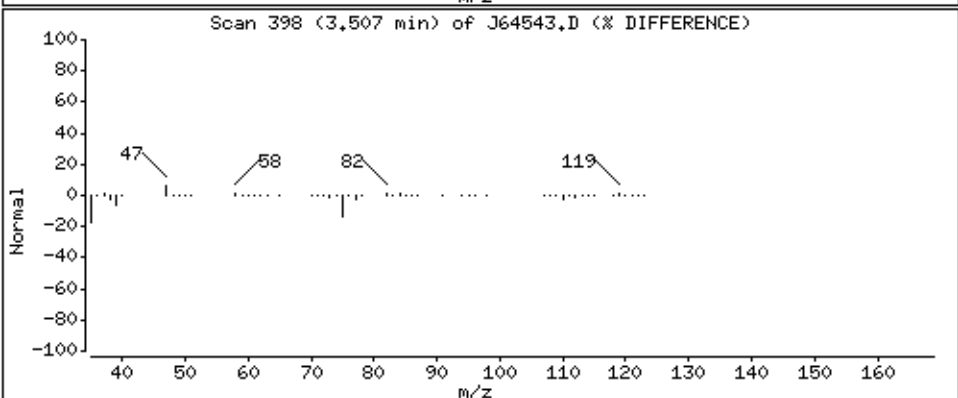
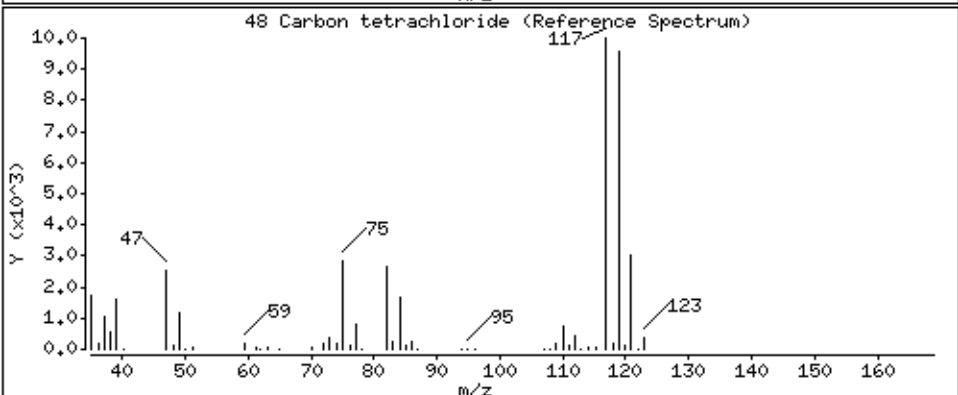
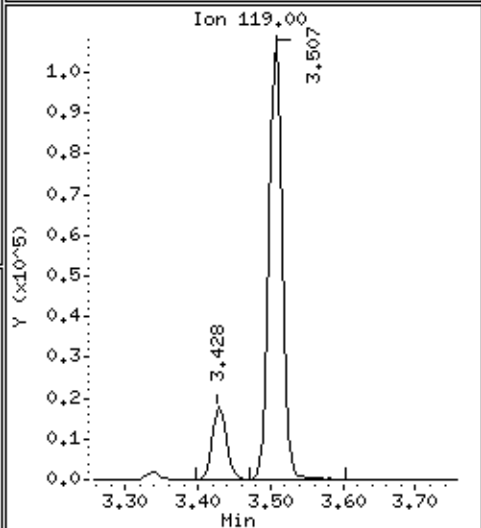
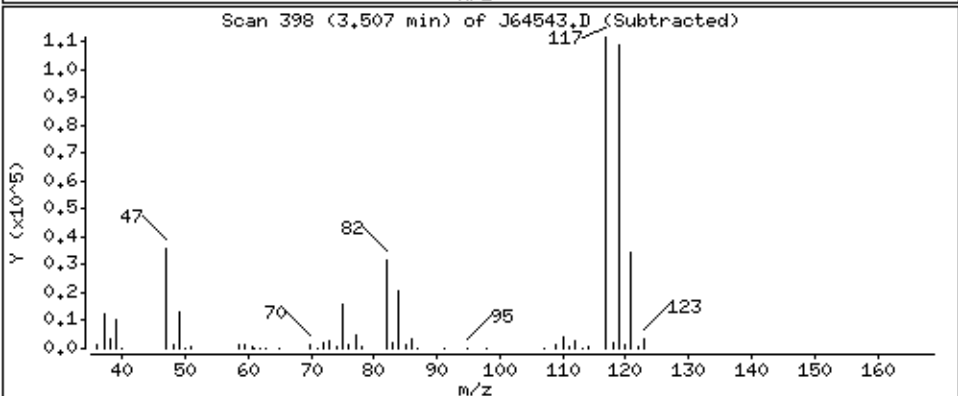
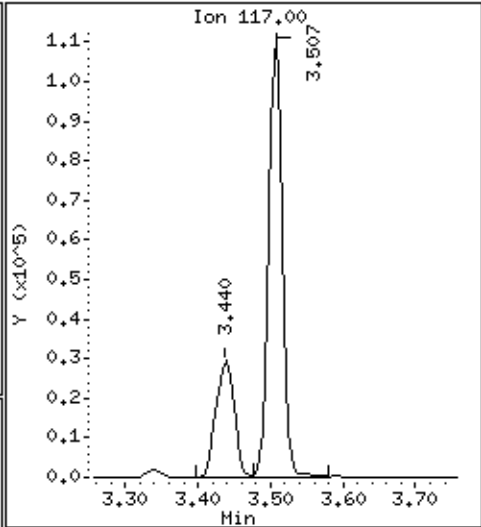
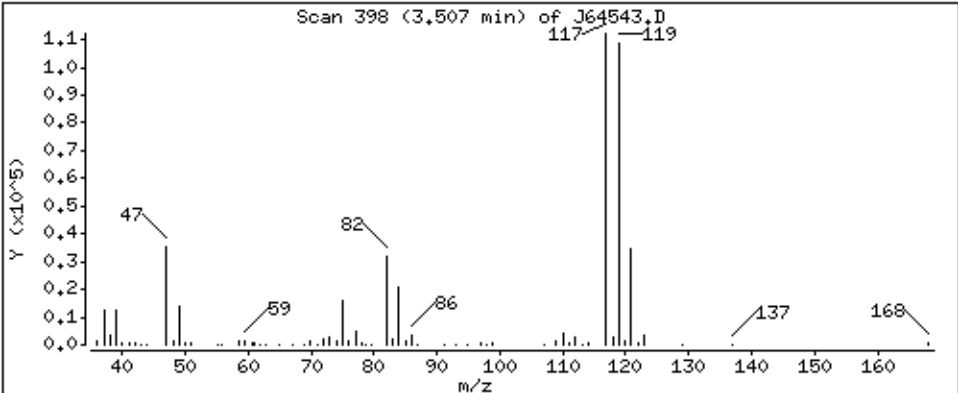
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 45.4 ug/L

Instrument: 70msv6.i

Operator: BBL

Column diameter: 0.18

Review Code:



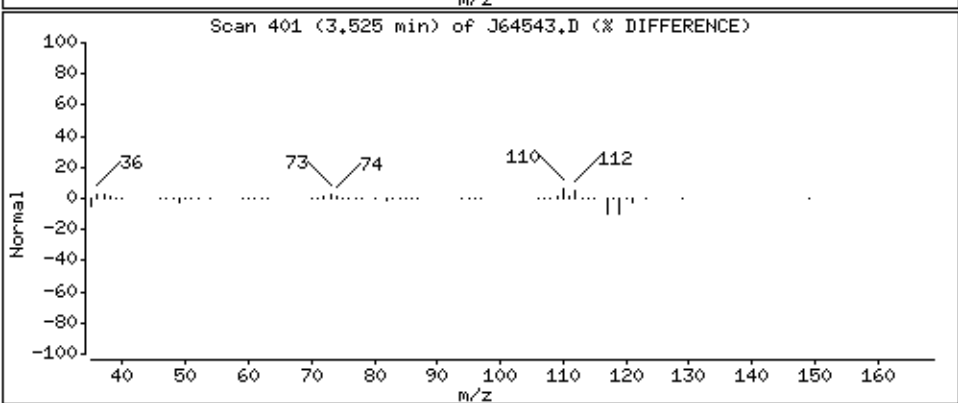
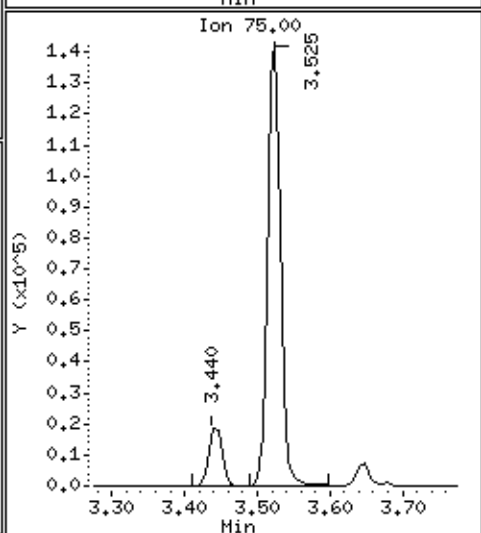
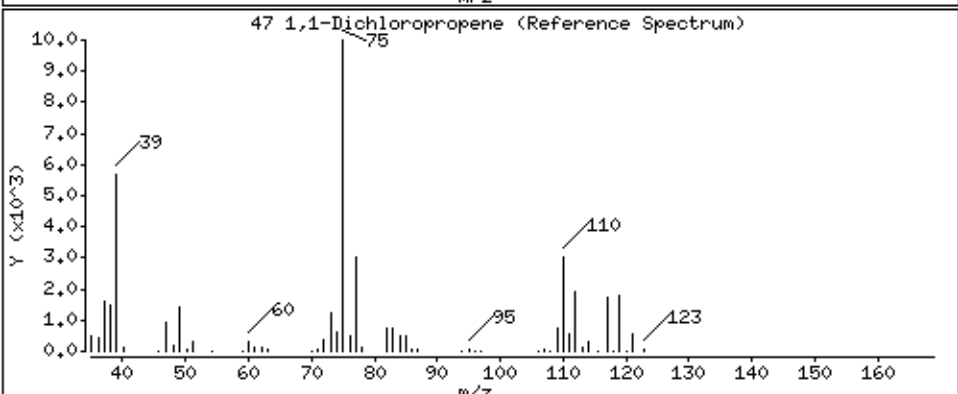
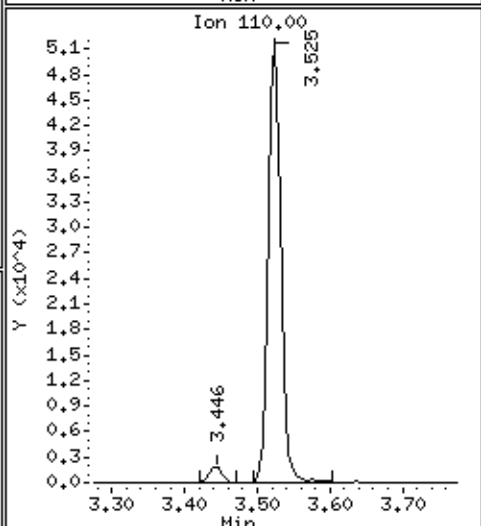
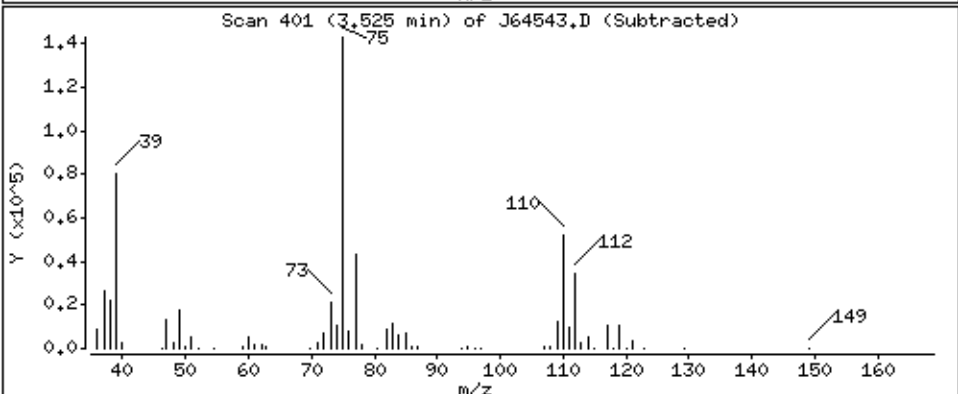
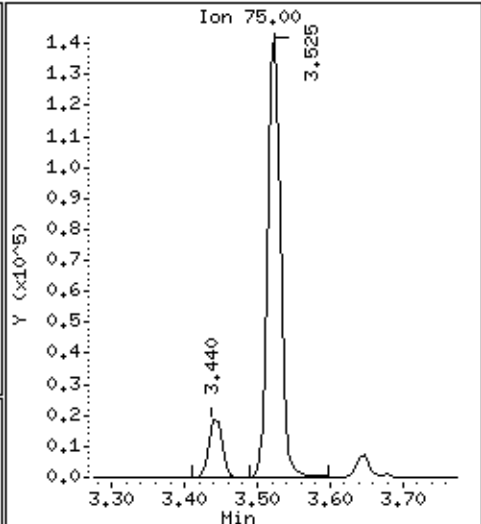
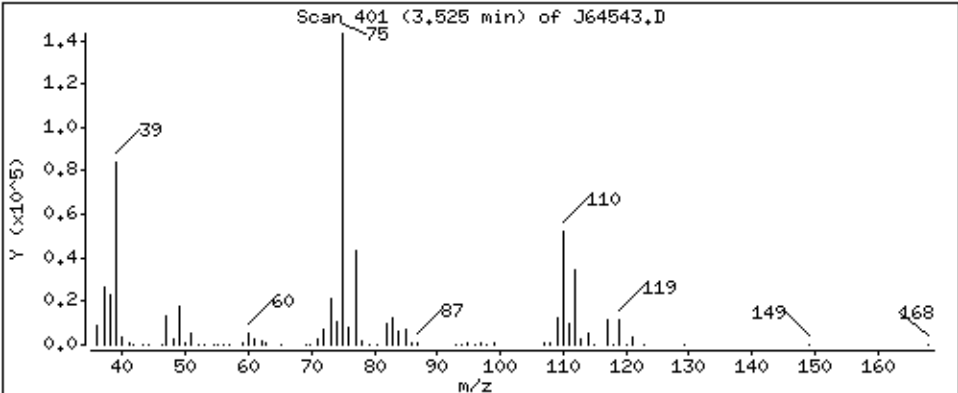
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 46.8 ug/L

Instrument: 70msv6.i

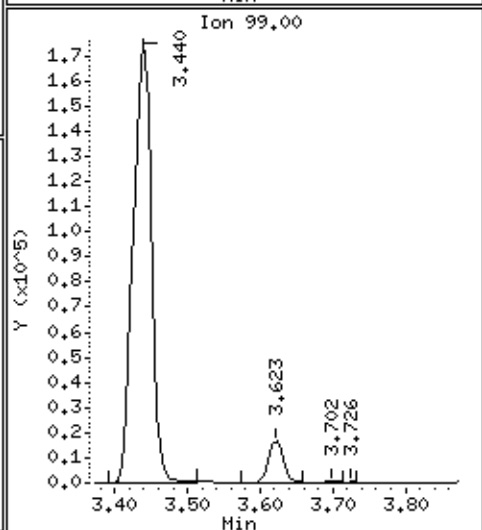
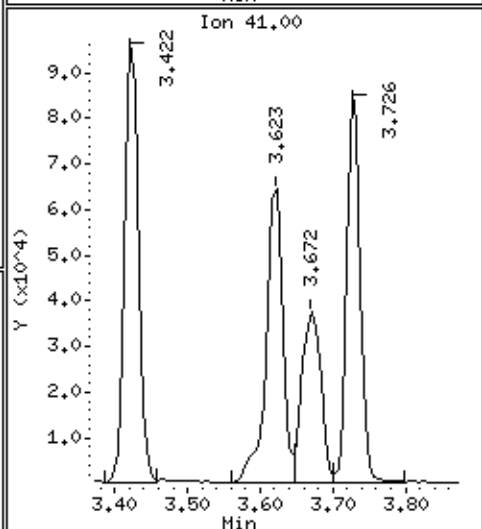
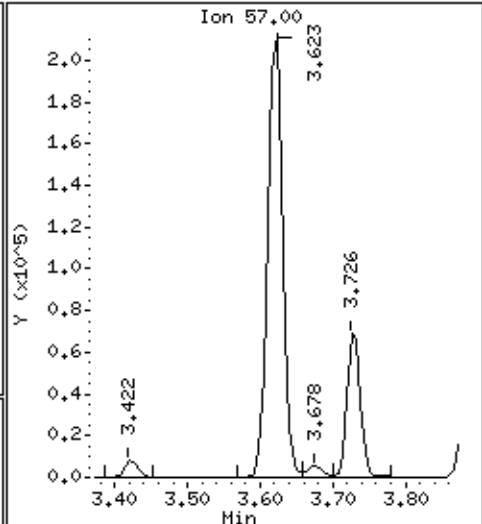
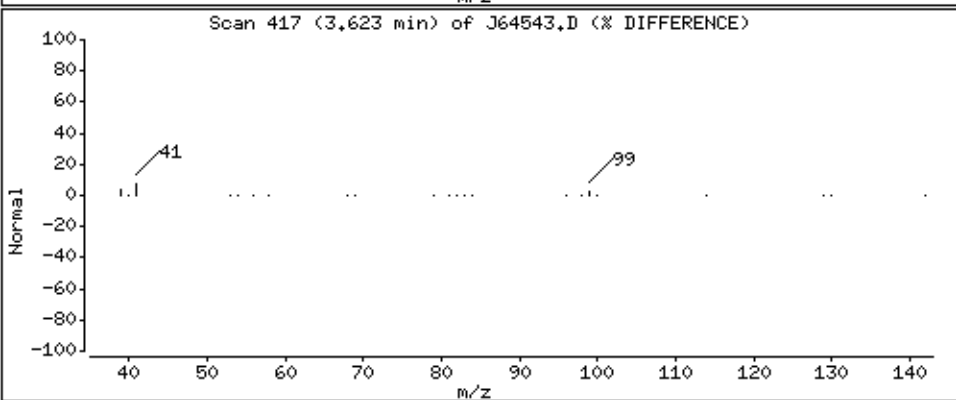
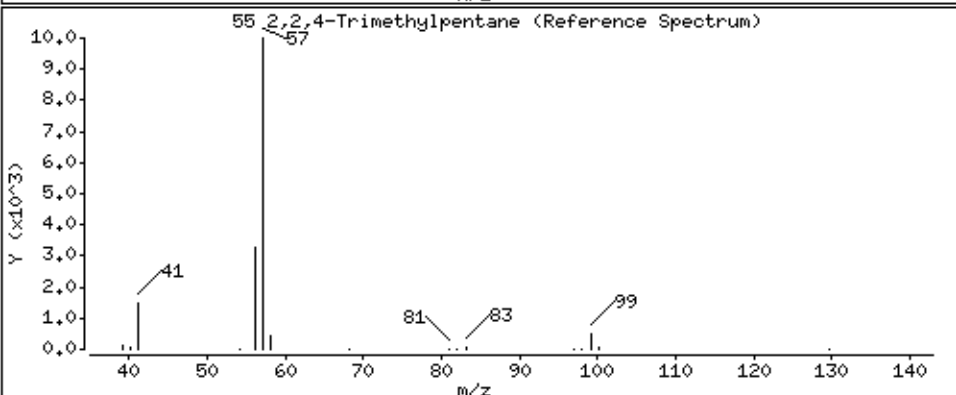
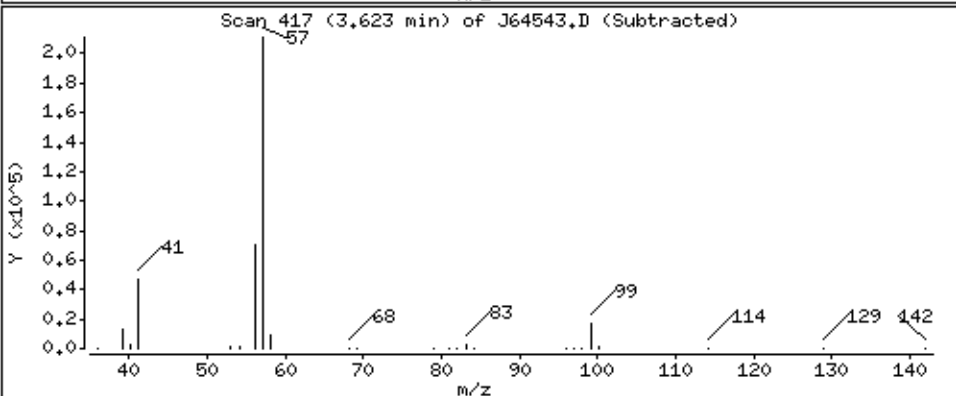
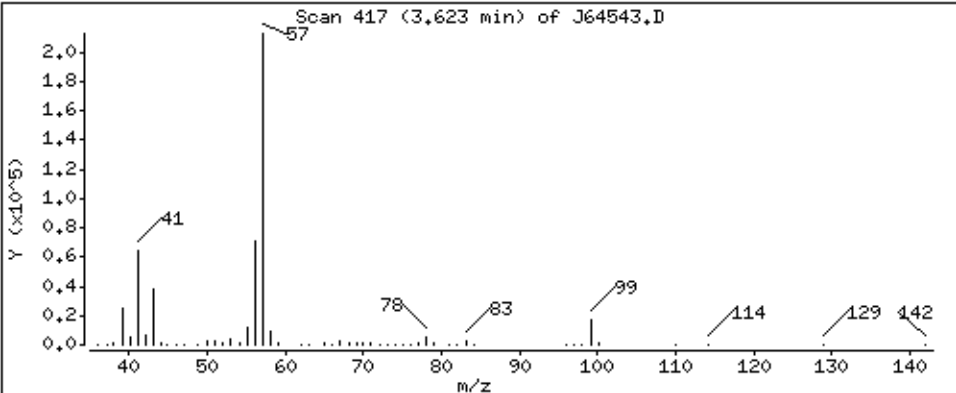
Operator: BBL

Column diameter: 0.18

Review Code:

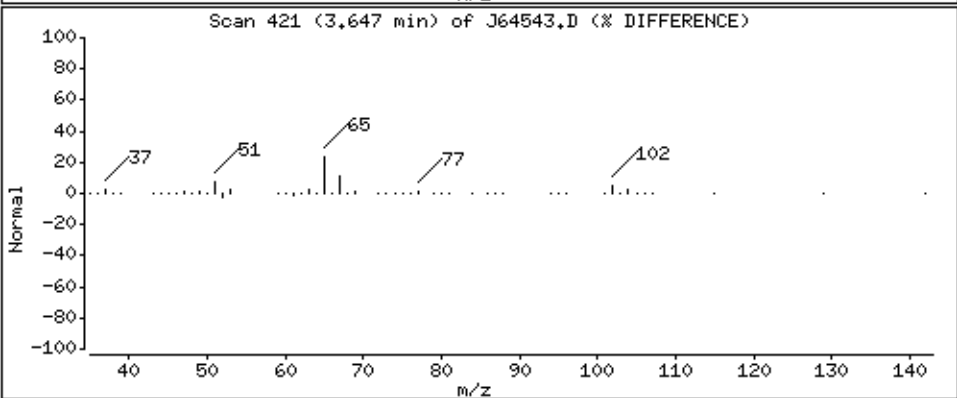
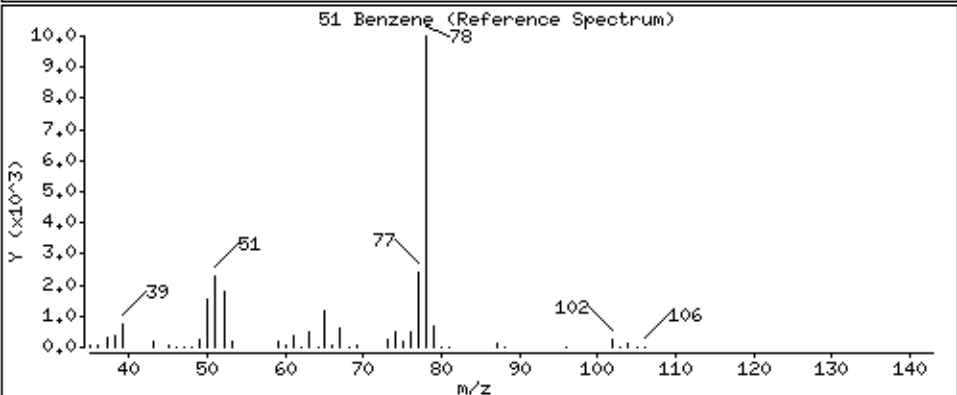
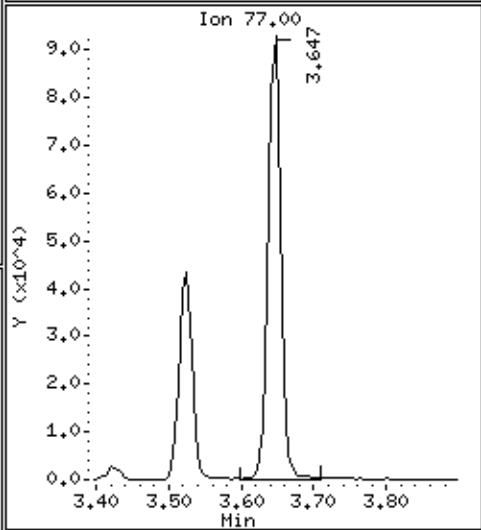
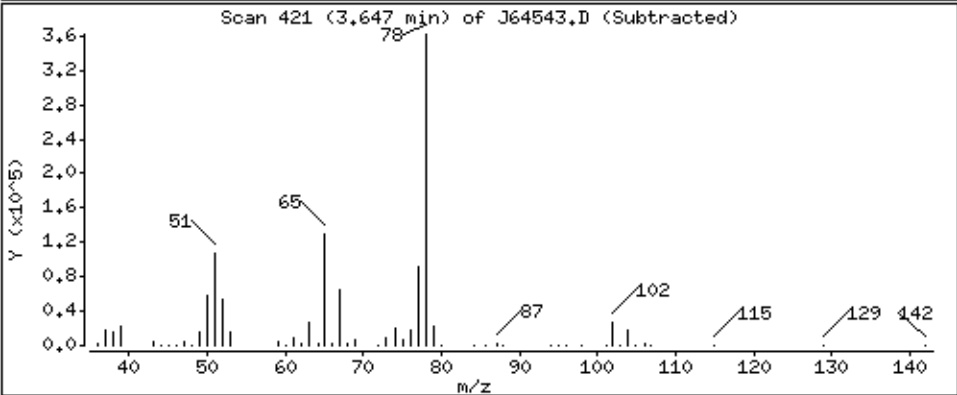
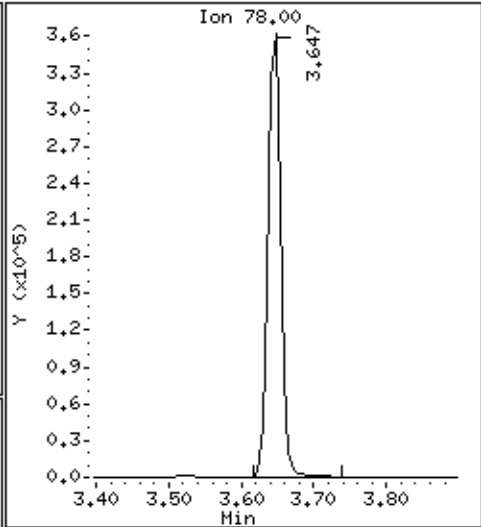
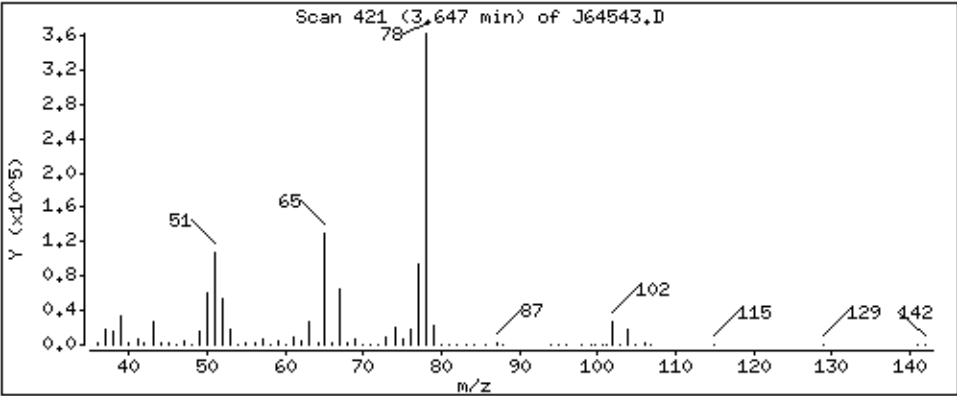


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 41.2 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

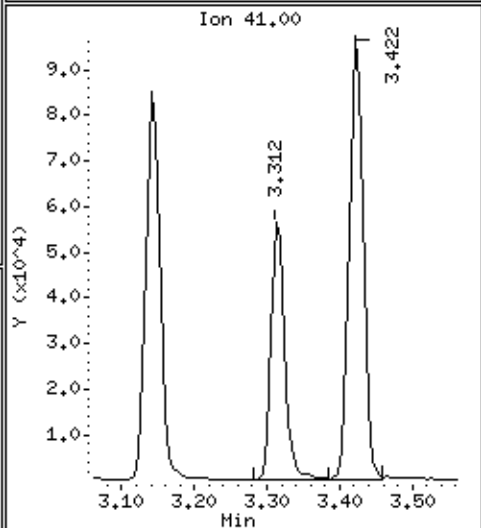
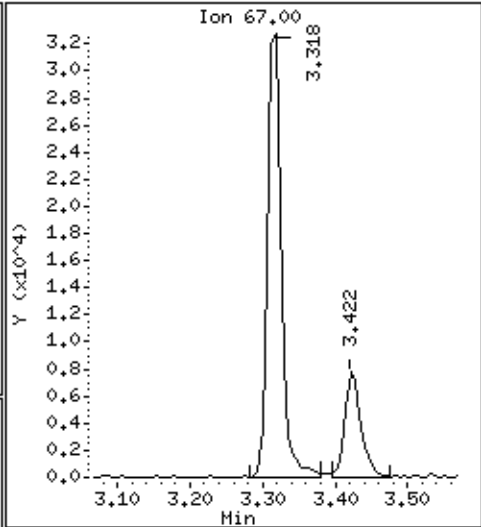
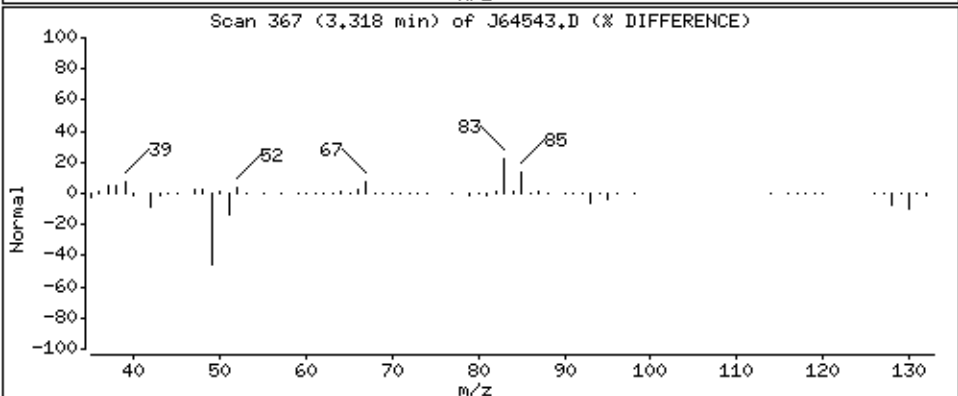
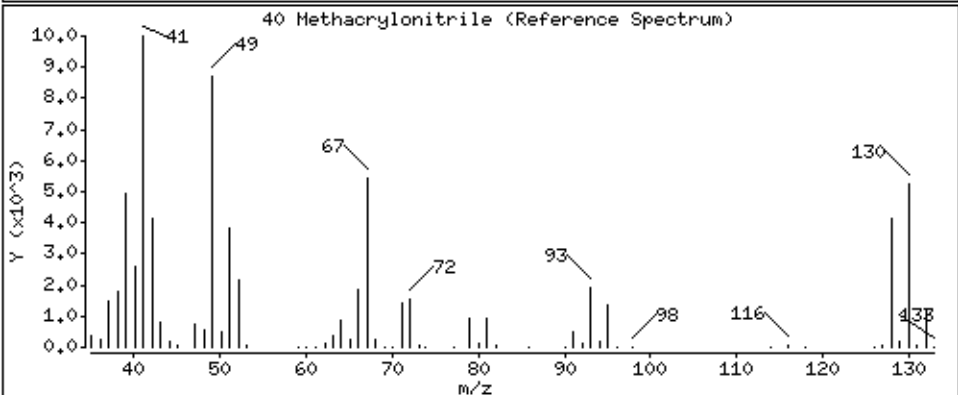
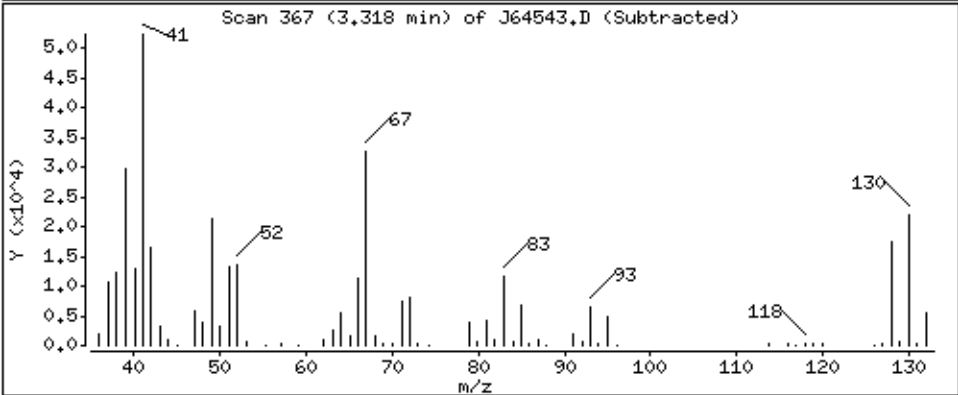
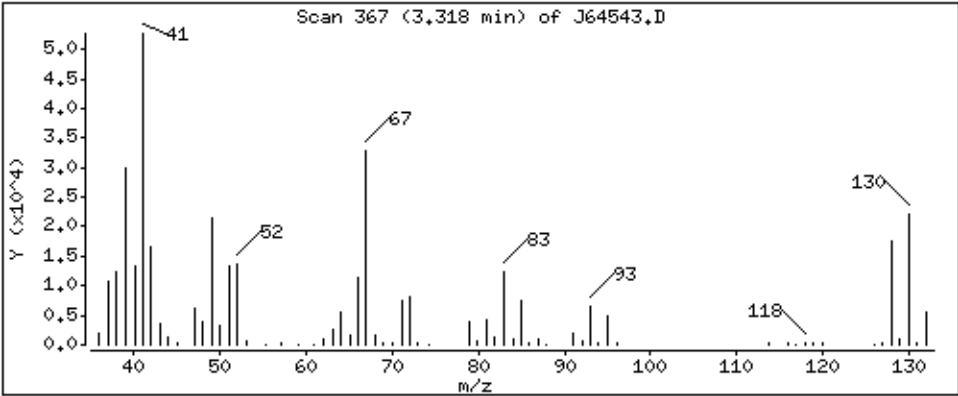


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

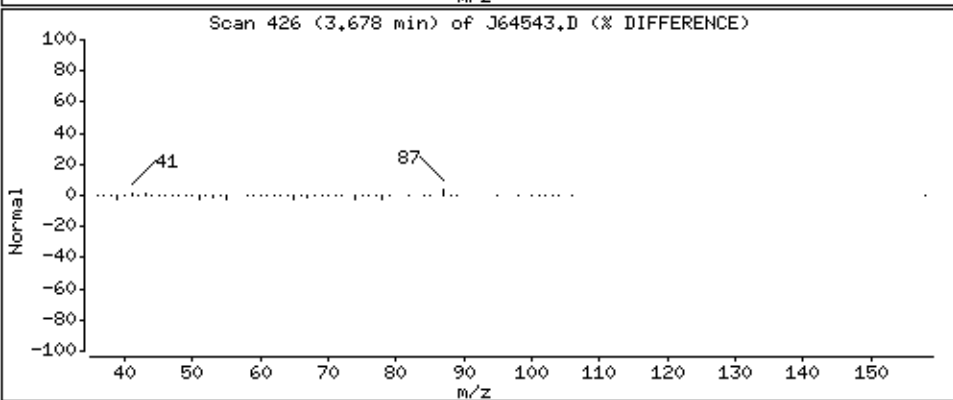
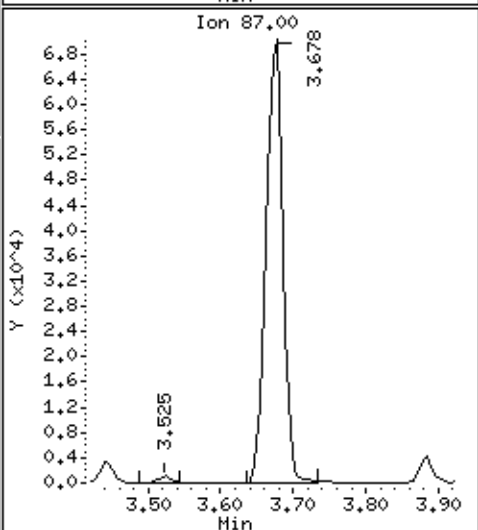
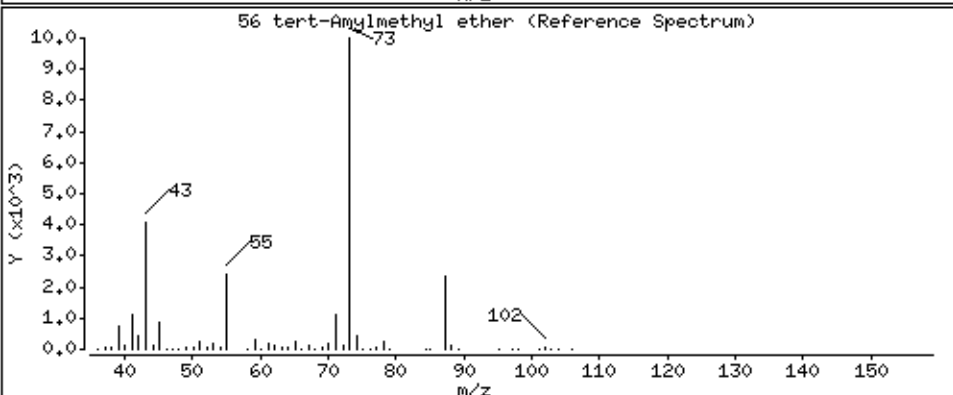
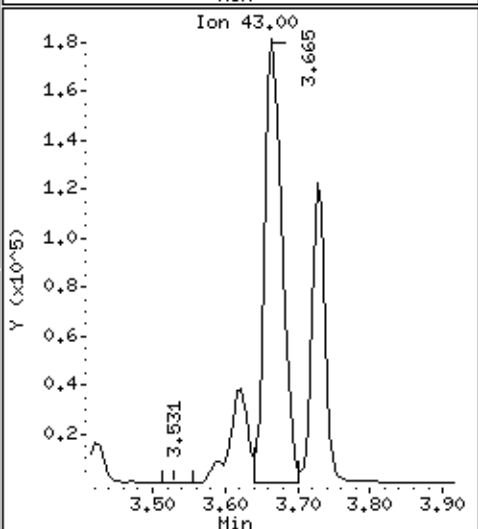
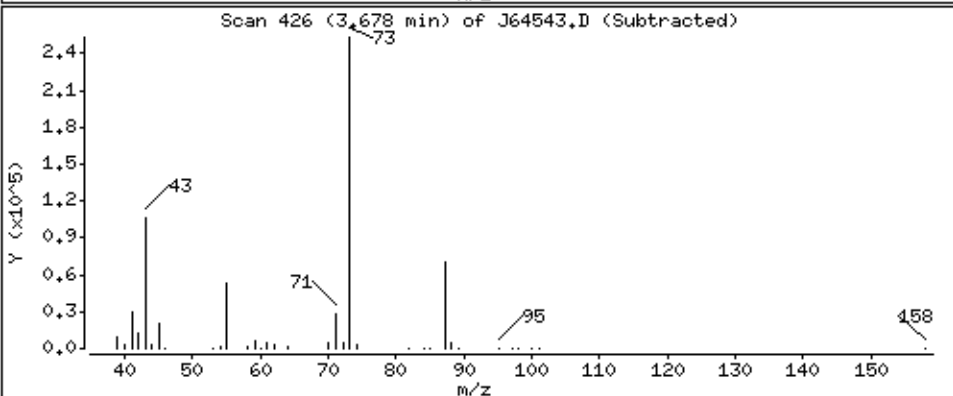
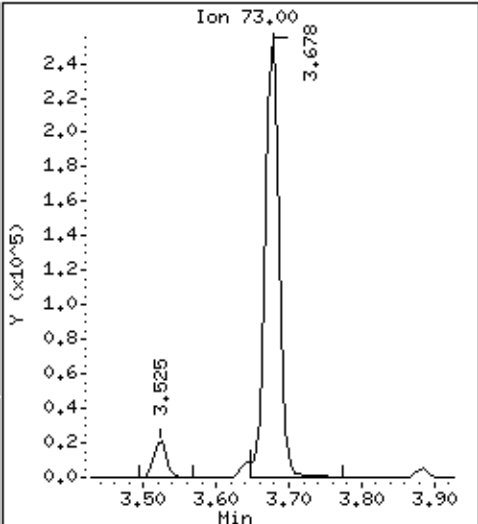
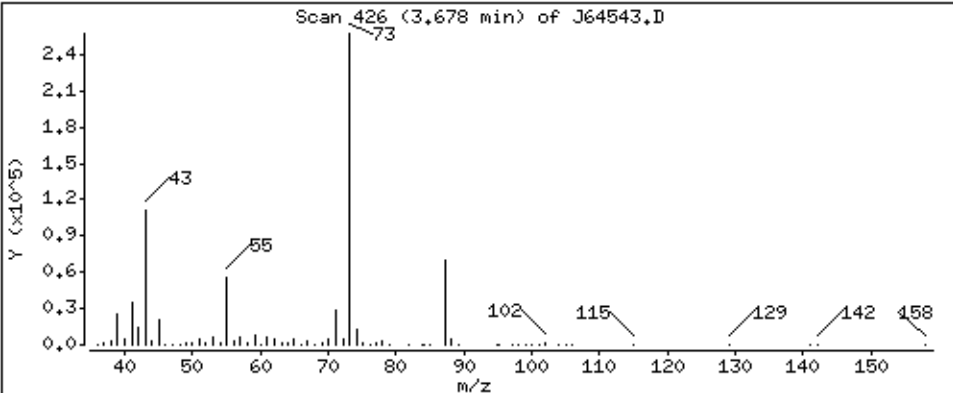
51 Benzene Concentration: 43.6 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 42.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:

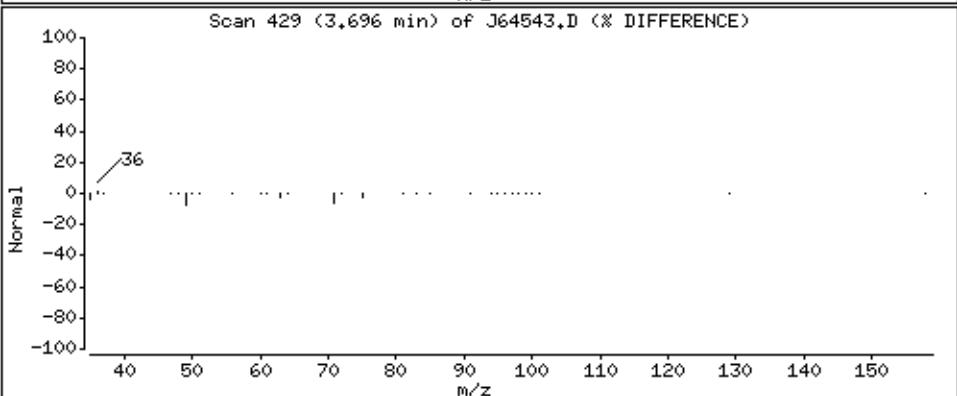
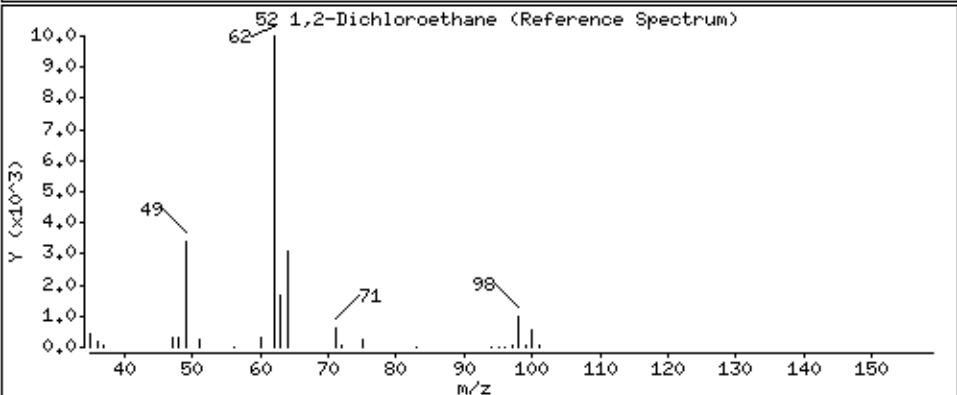
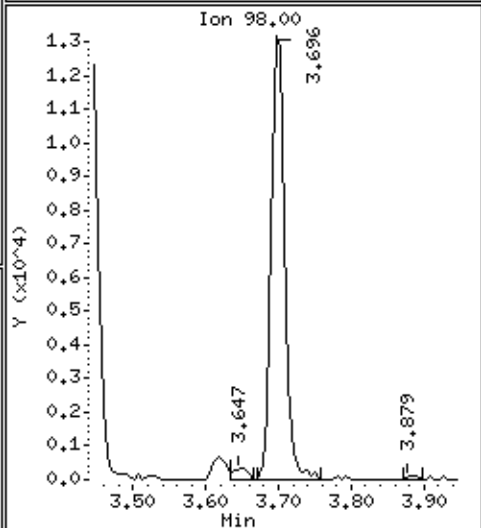
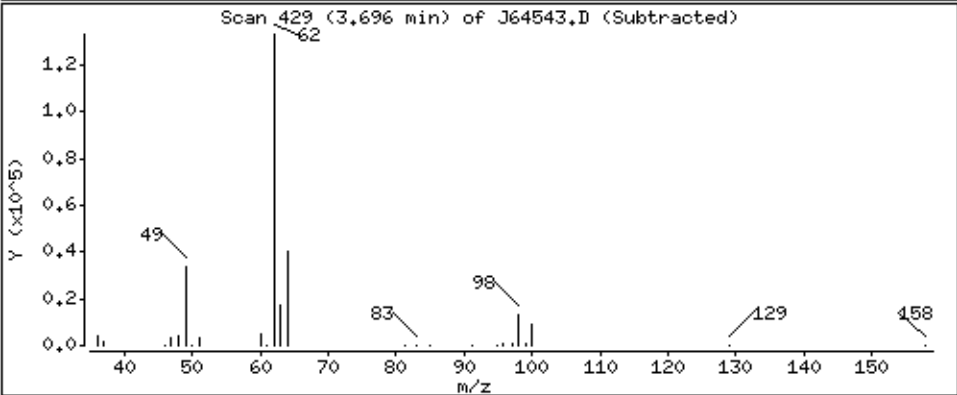
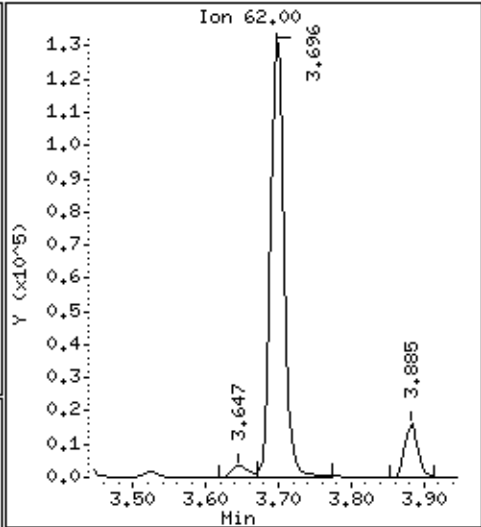
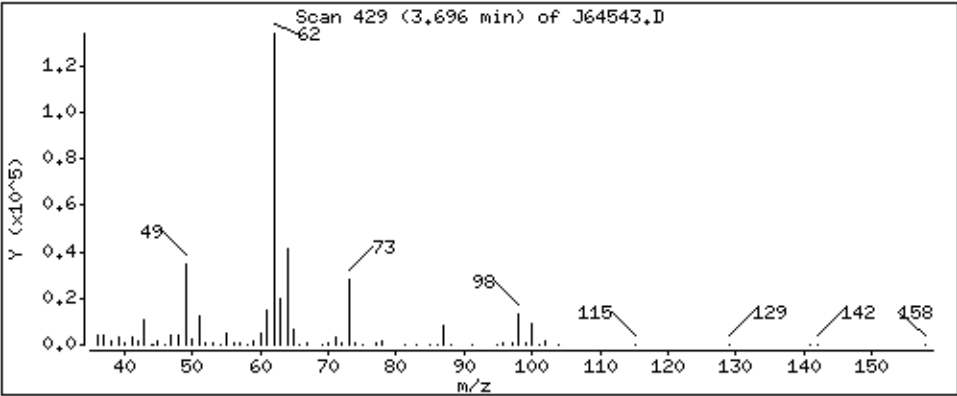


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
56 tert-Amylmethyl ether
Concentration: 43.9 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



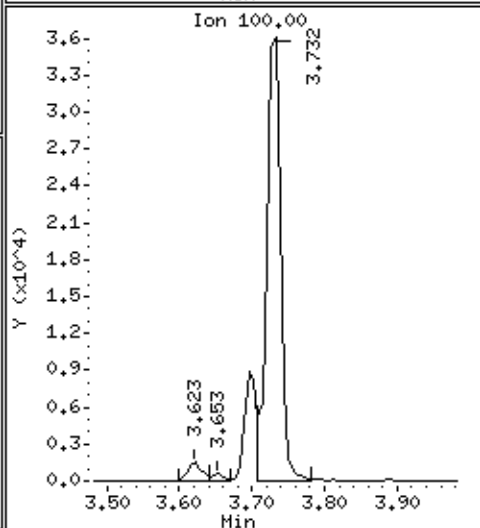
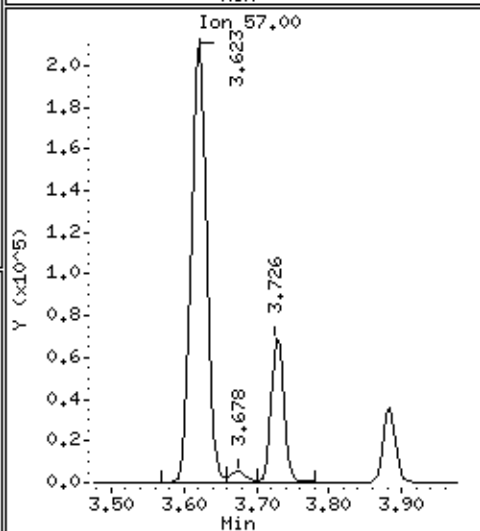
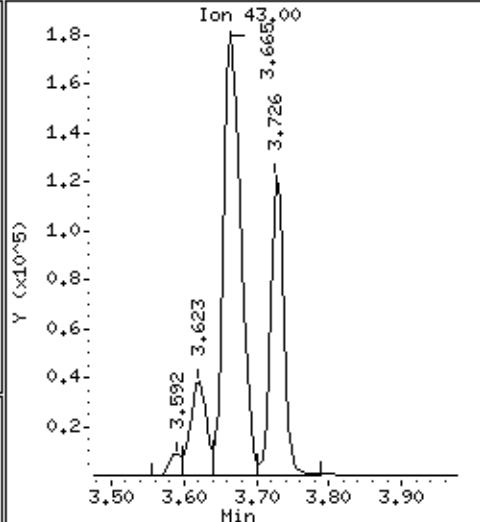
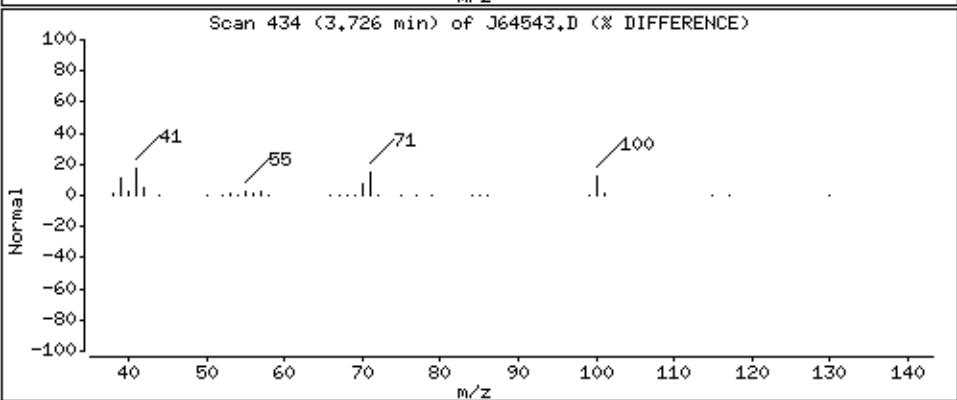
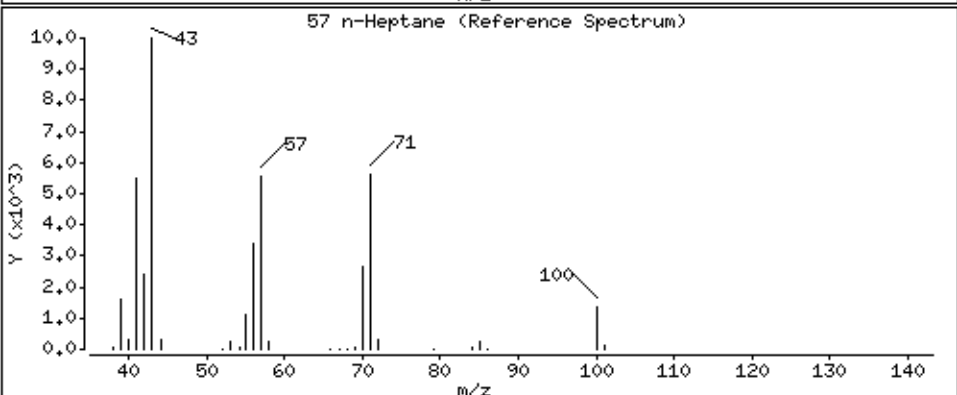
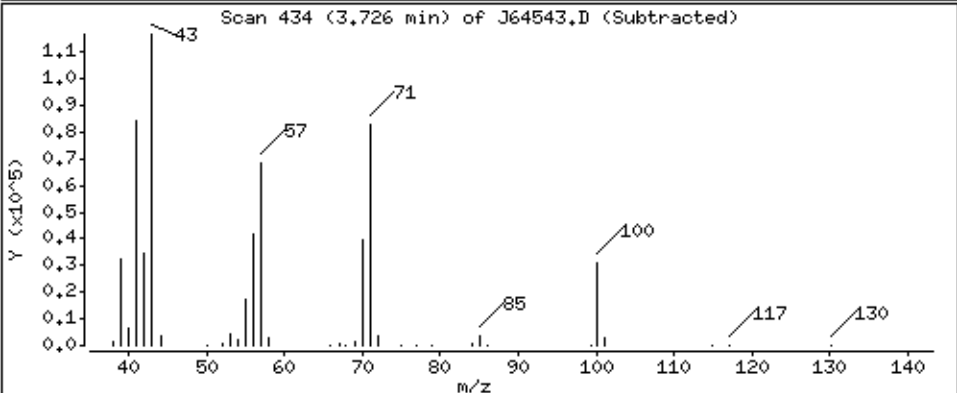
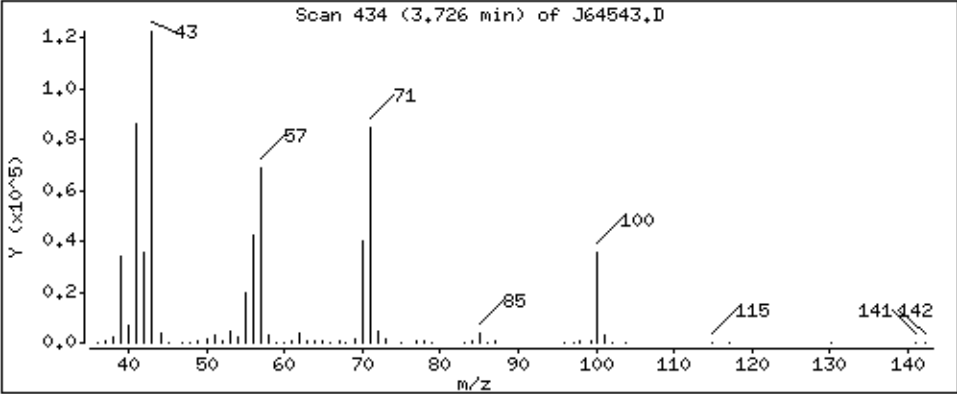
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

52 1,2-Dichloroethane Concentration: 47,5 ug/L Review Code:



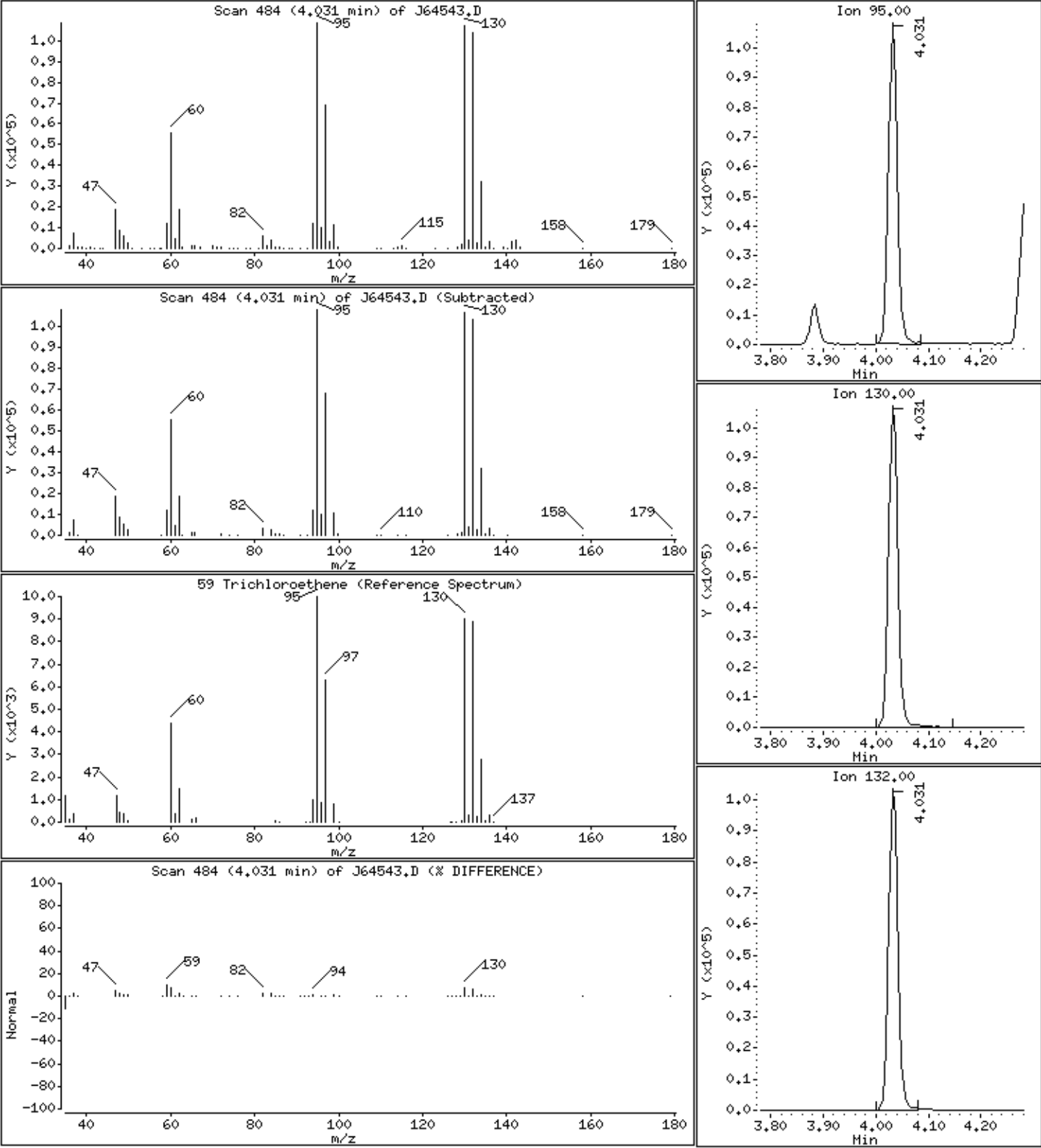
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

57 n-Heptane
Concentration: 39,1 ug/L
Review Code:



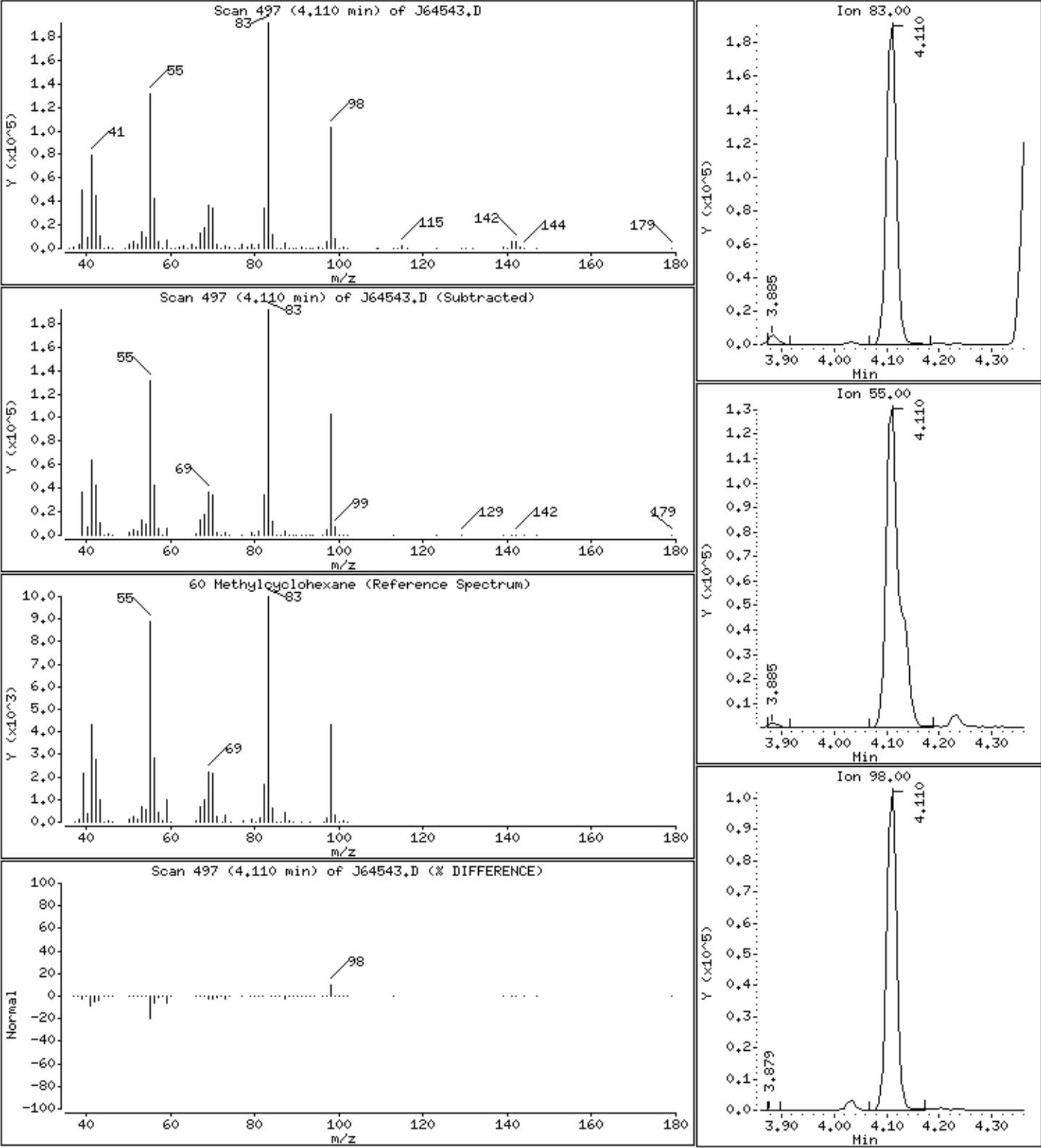
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

59 Trichloroethene Concentration: 47.1 ug/L Review Code:

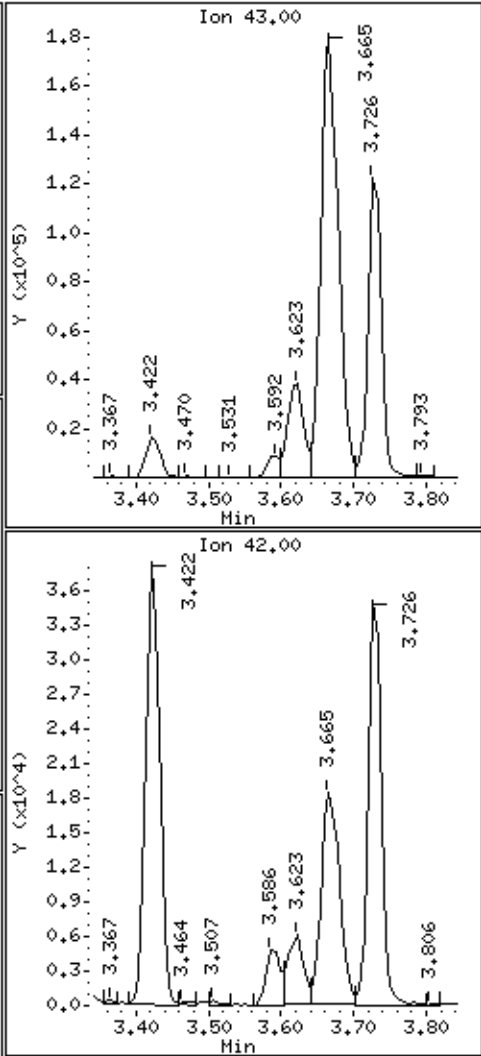
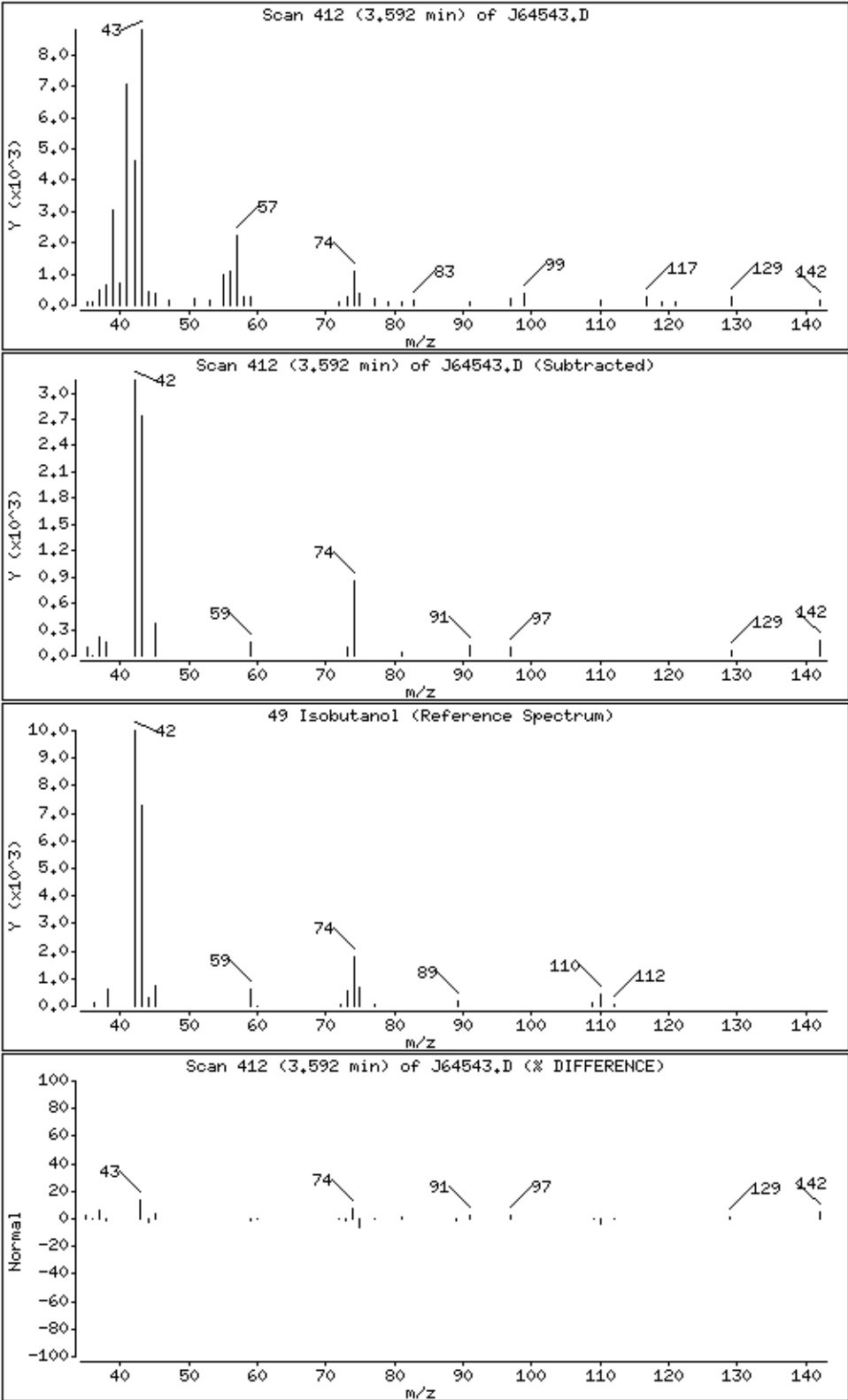


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

60 Methylcyclohexane Concentration: 49.2 ug/L Review Code:



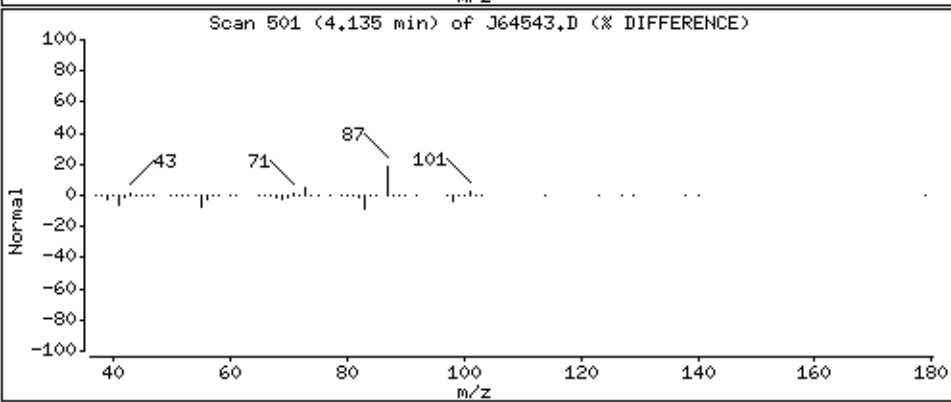
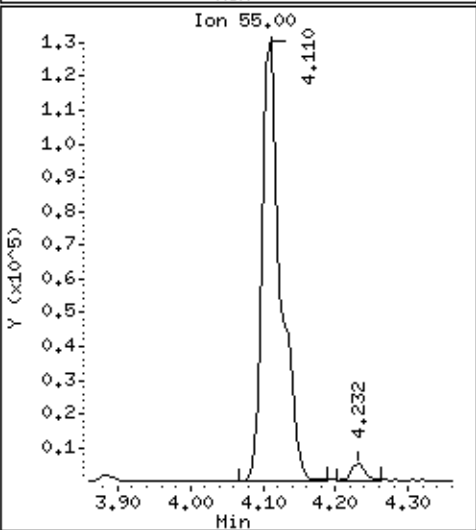
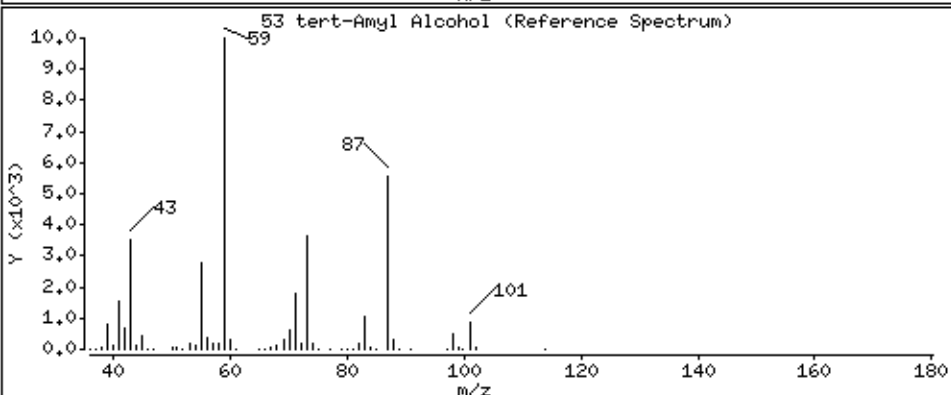
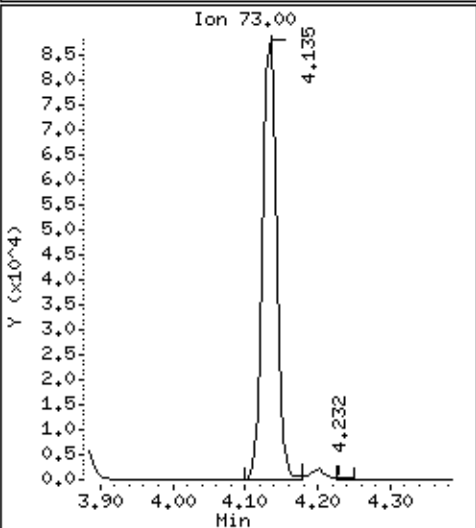
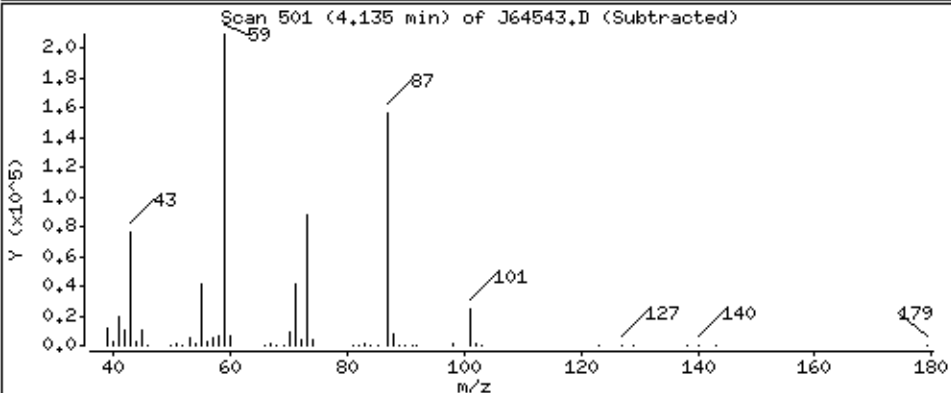
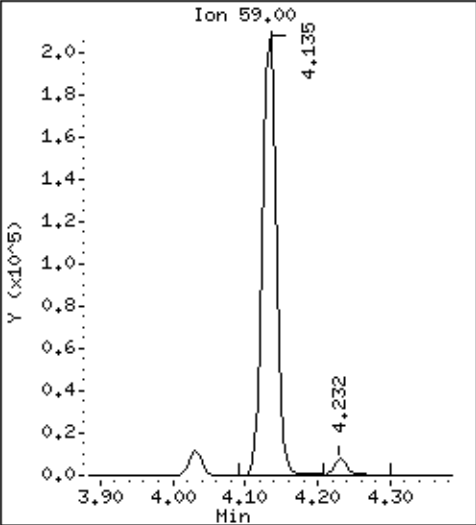
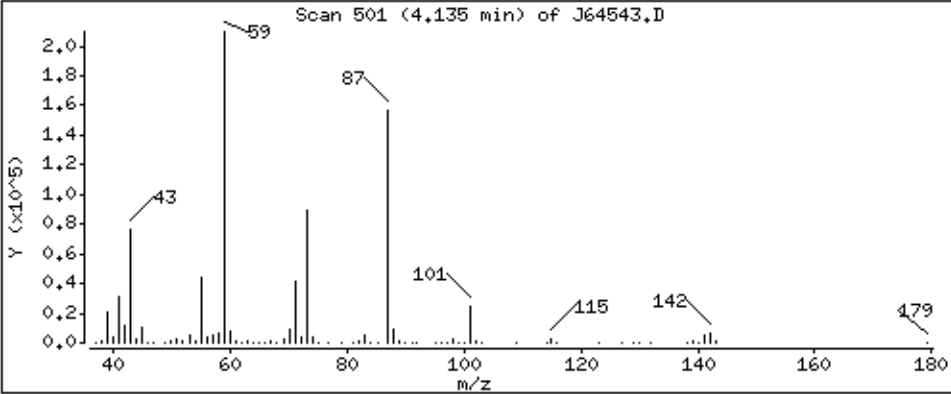
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 148 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



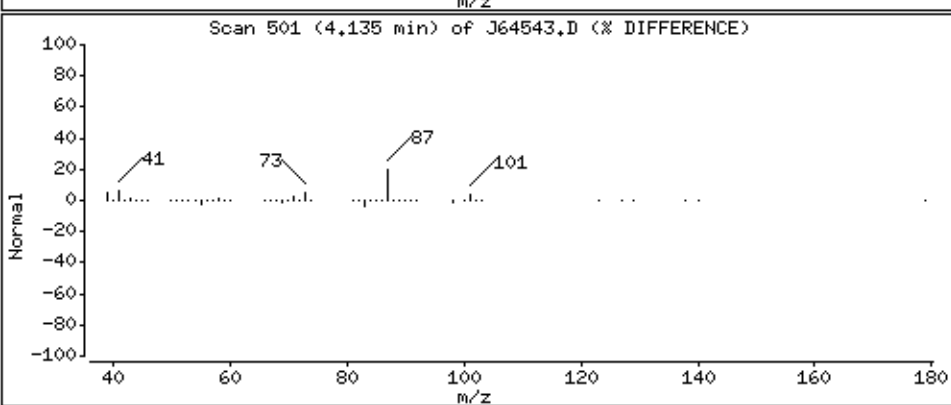
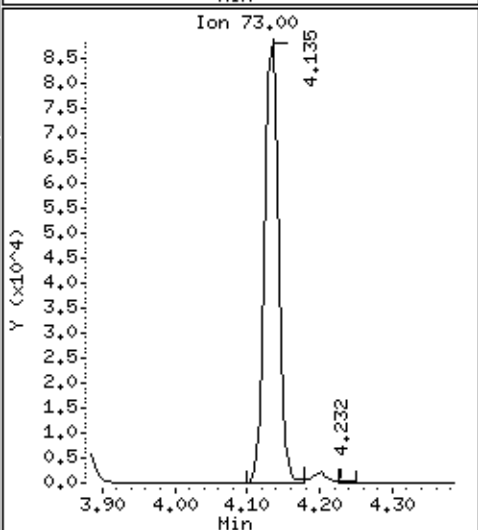
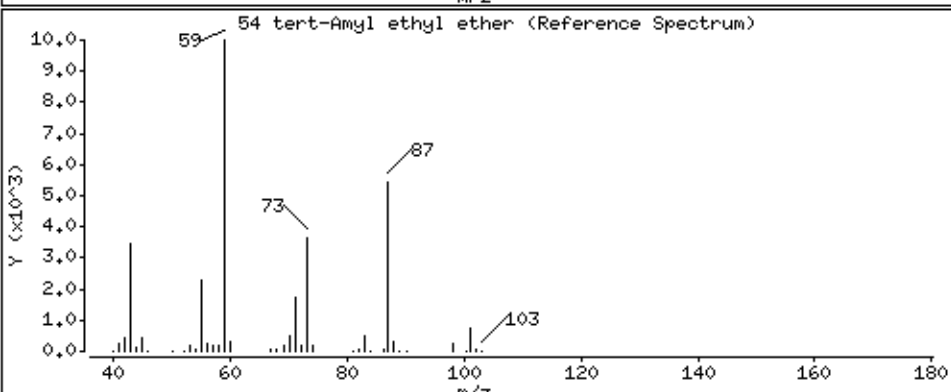
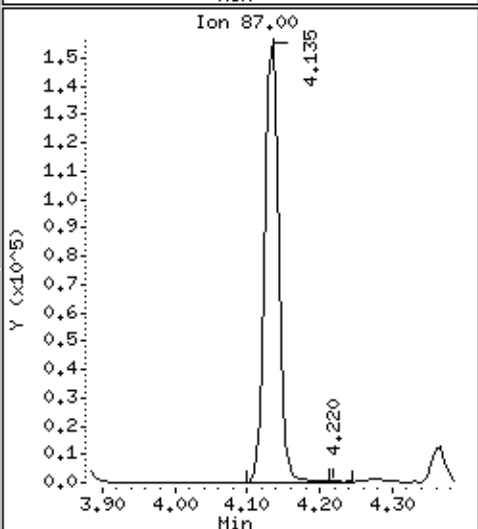
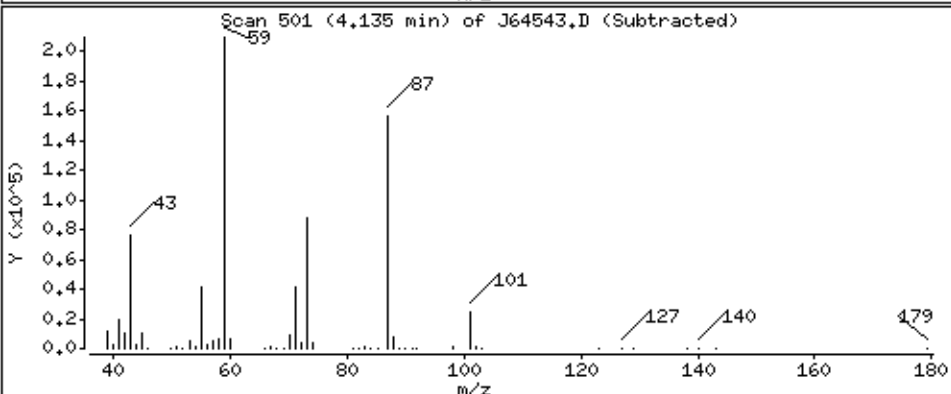
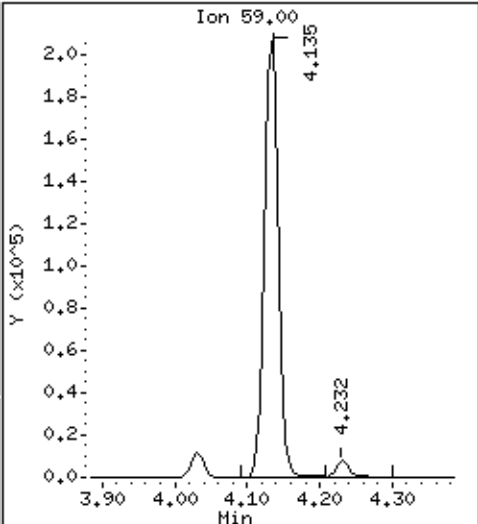
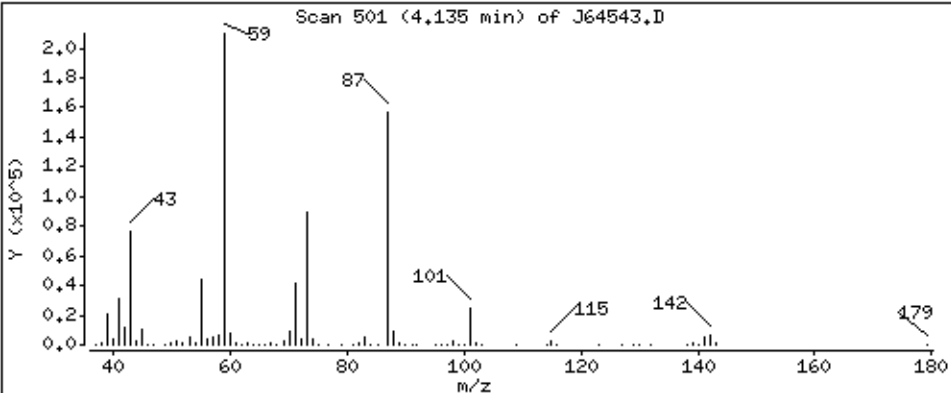
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

53 tert-Amyl Alcohol

Review Code:

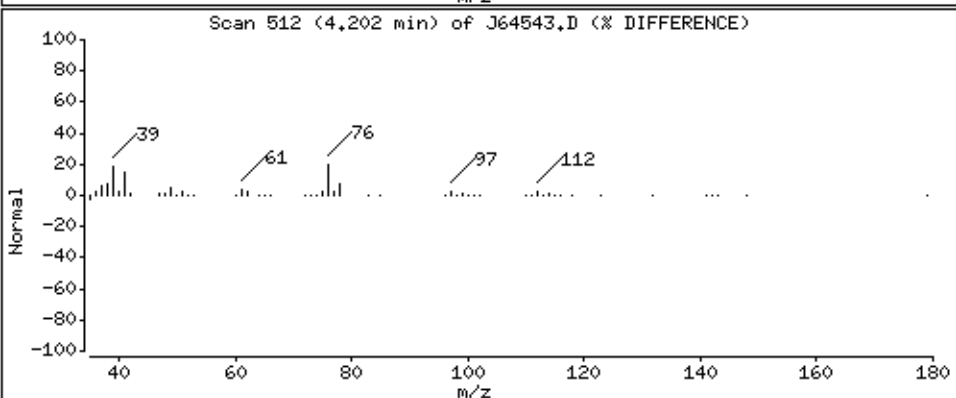
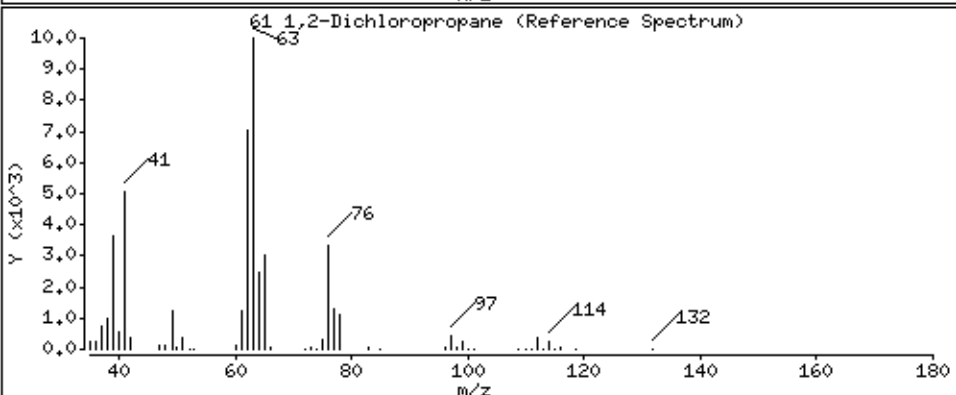
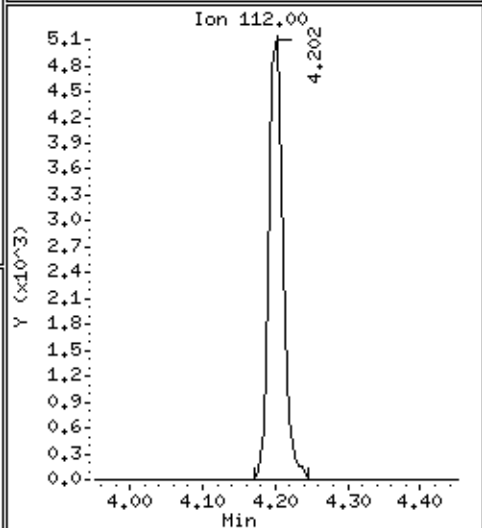
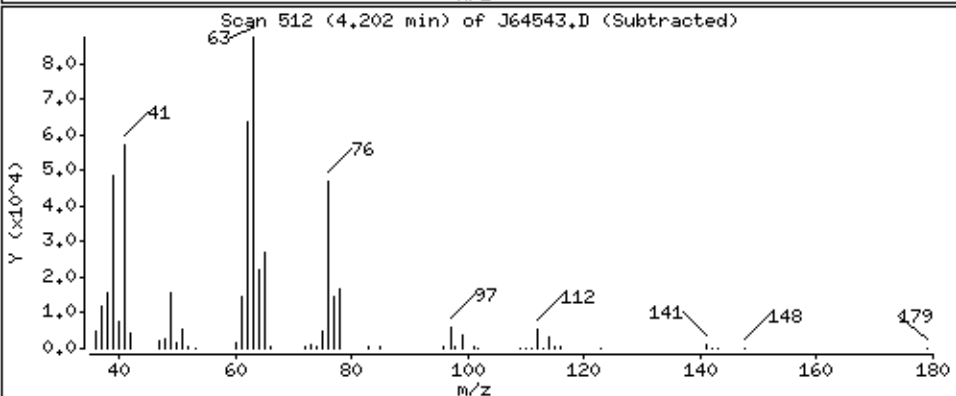
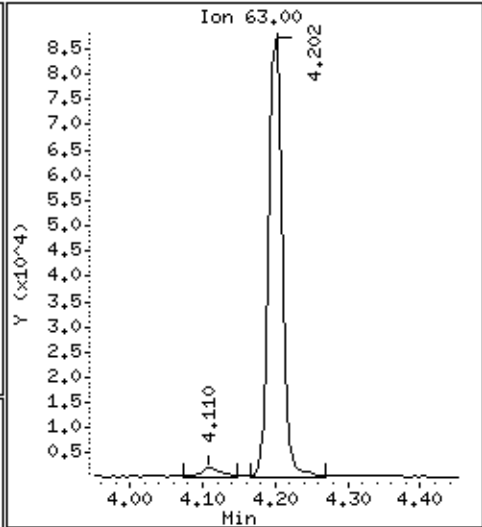
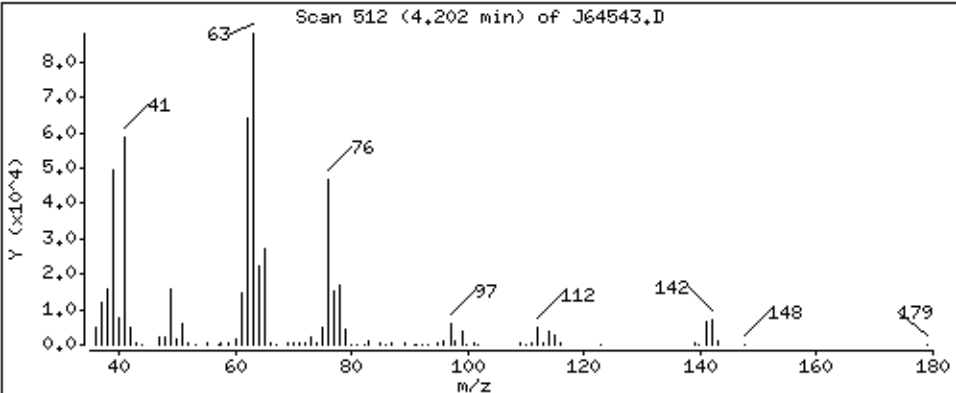


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
54 tert-Amyl ethyl ether
Concentration: 41.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

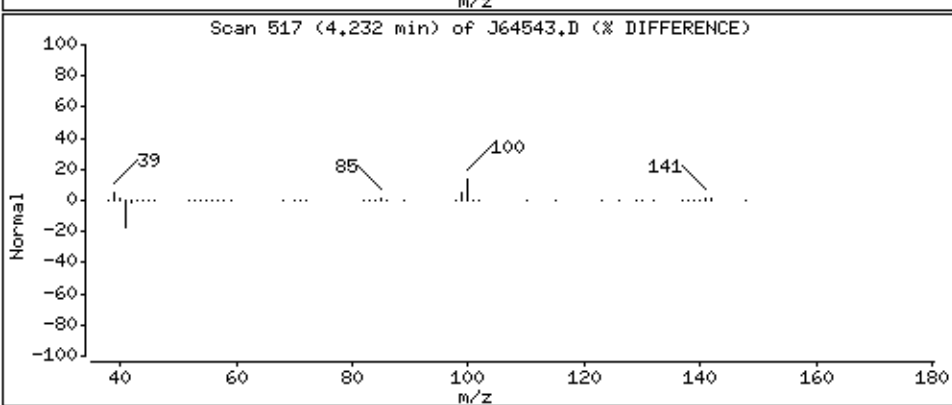
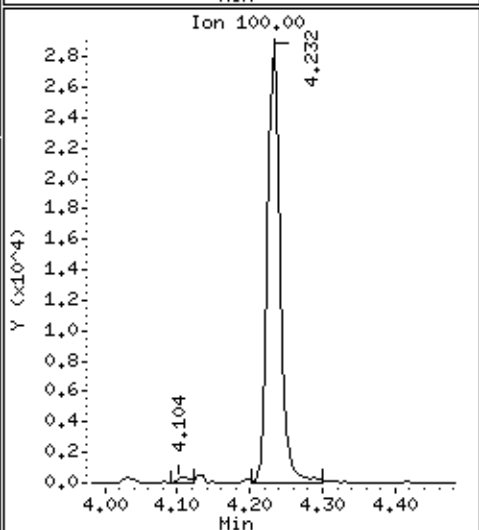
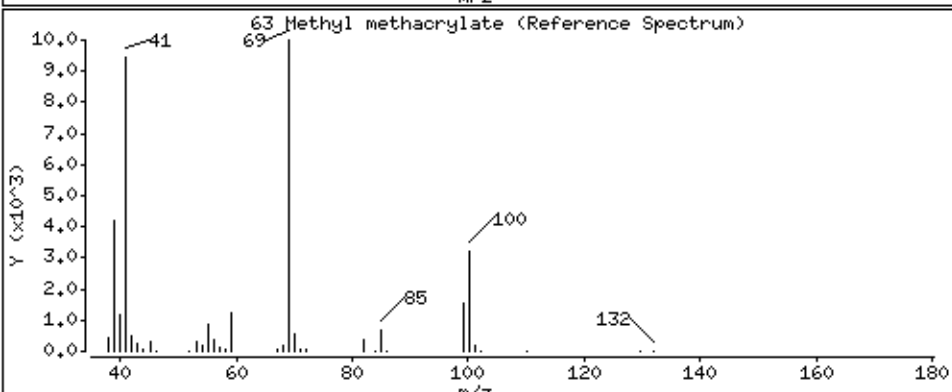
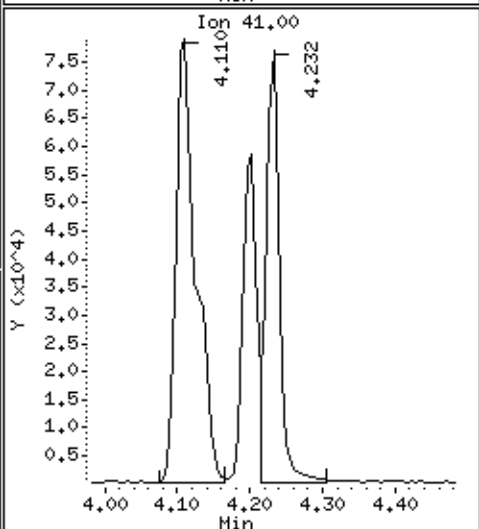
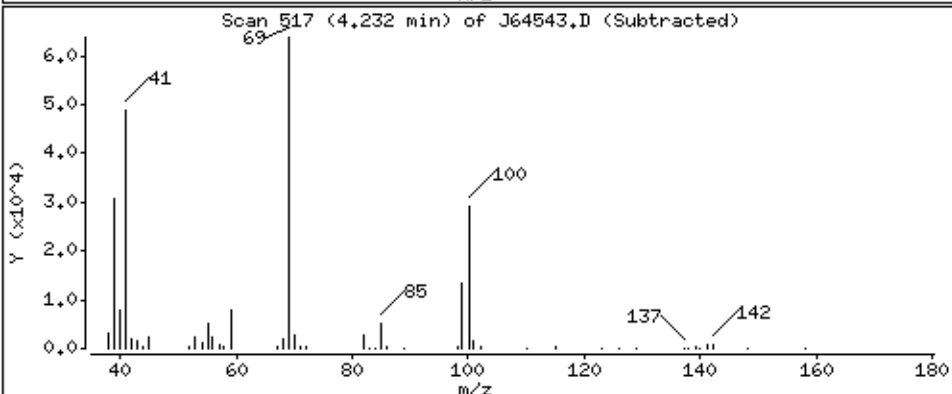
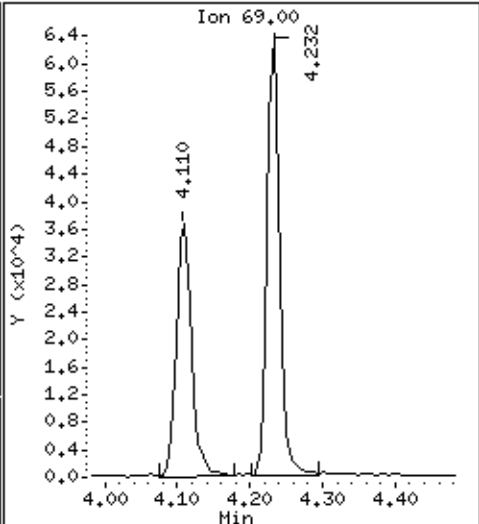
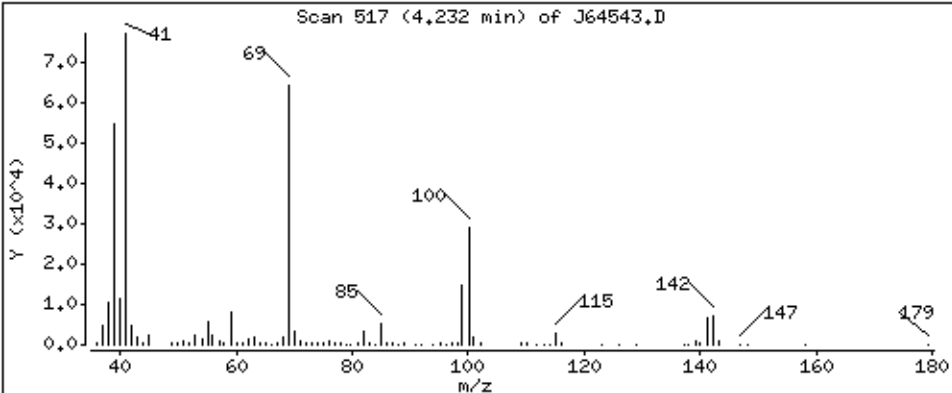


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

61 1,2-Dichloropropane Concentration: 42.8 ug/L Review Code:

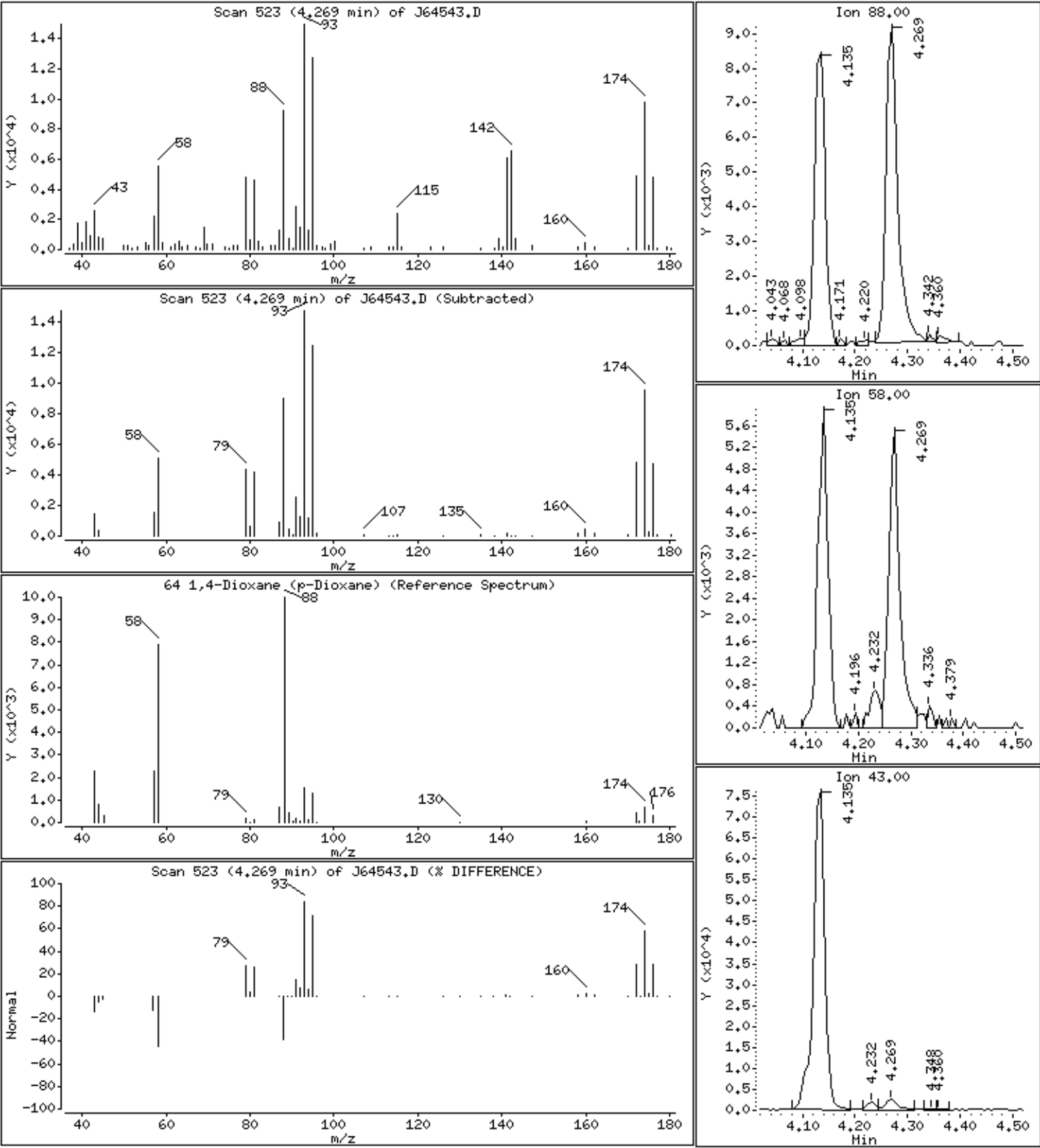


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 41.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



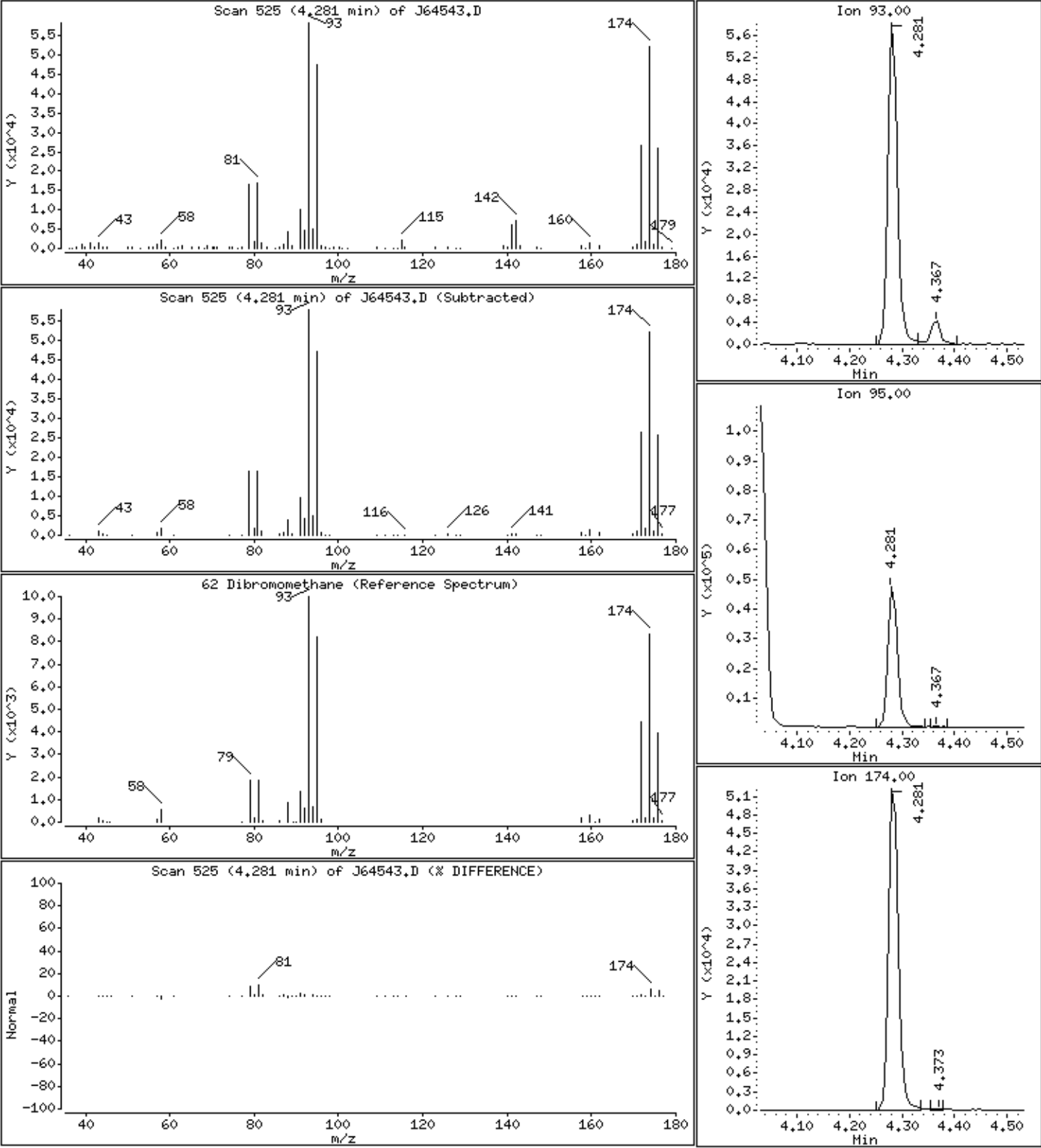
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

64 1,4-Dioxane (p-Dioxane) Concentration: 1060 ug/L Review Code:

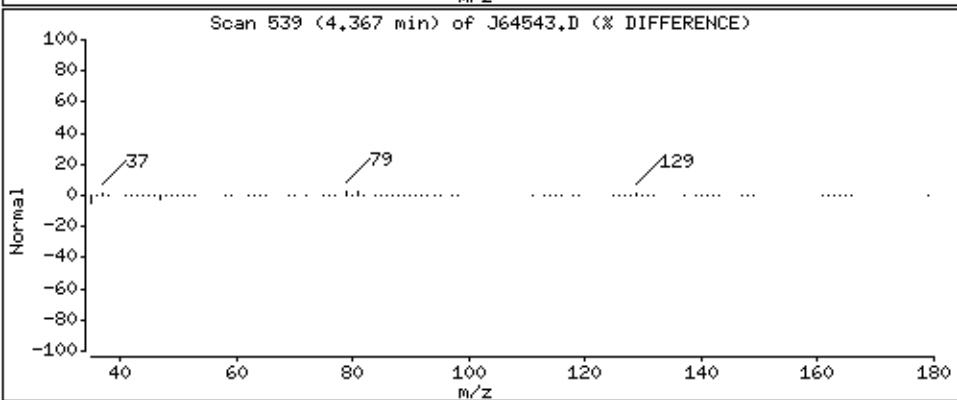
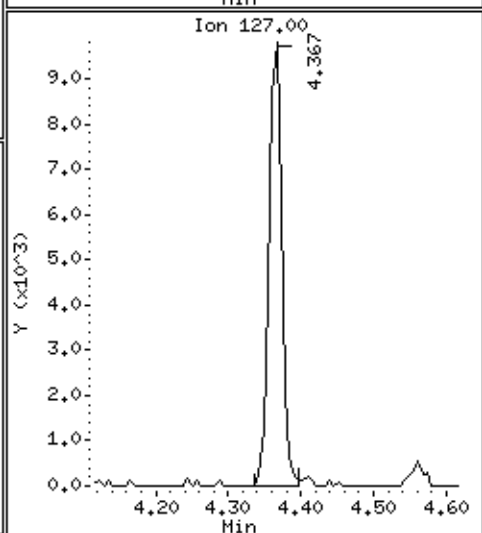
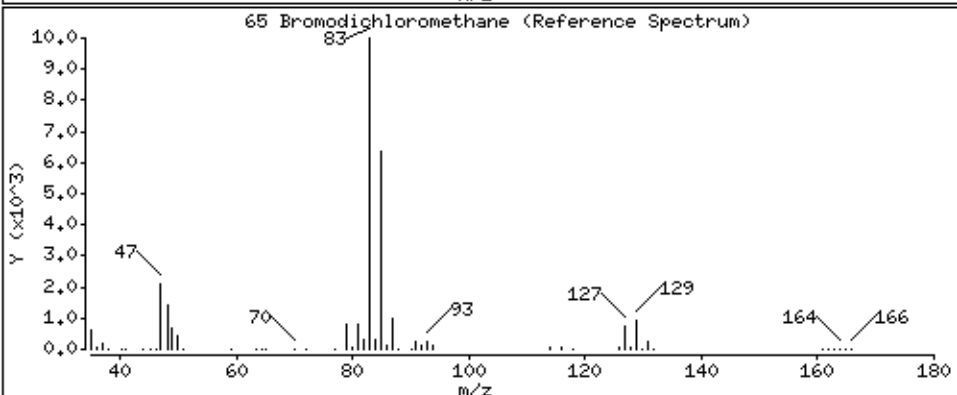
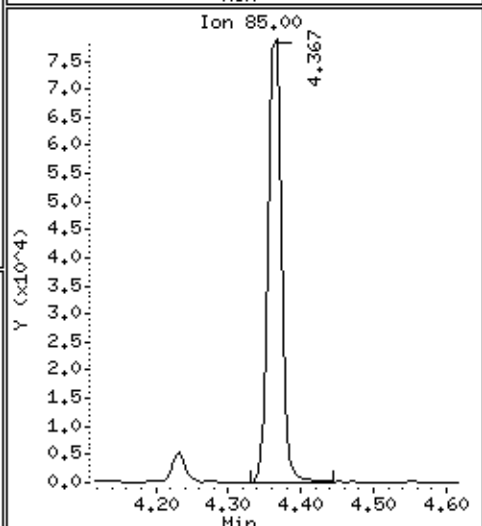
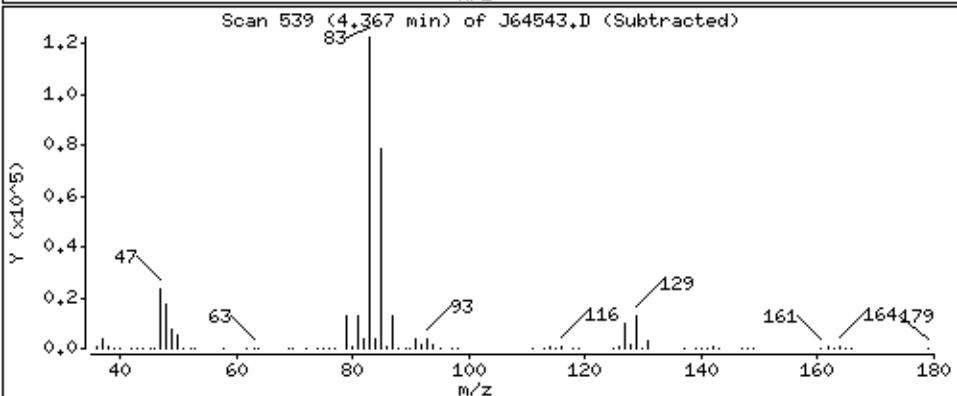
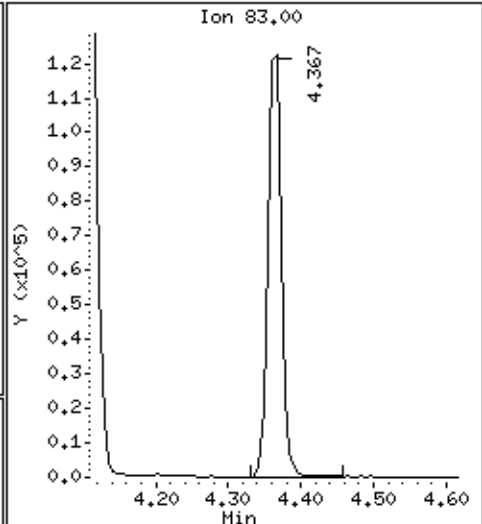
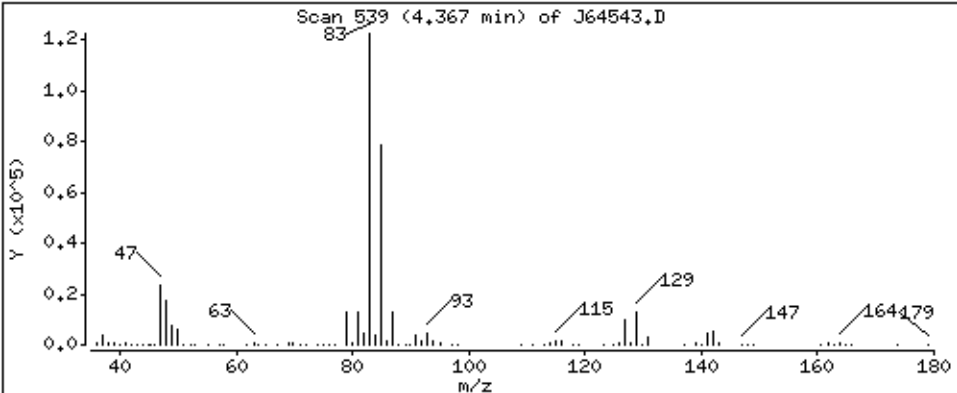


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

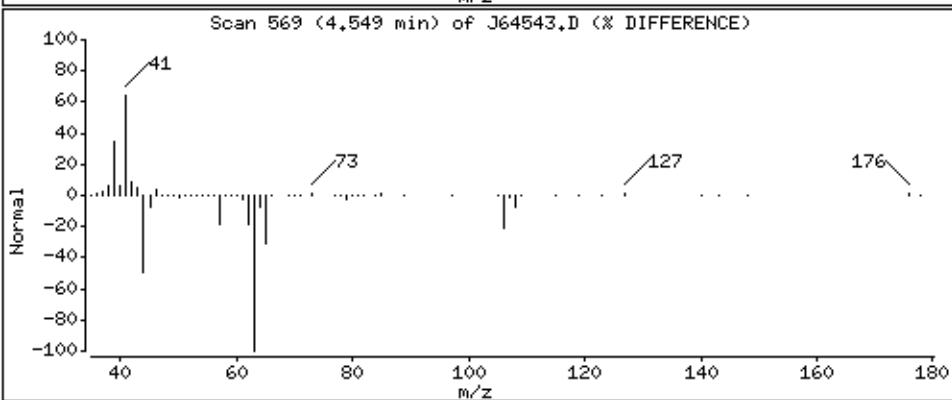
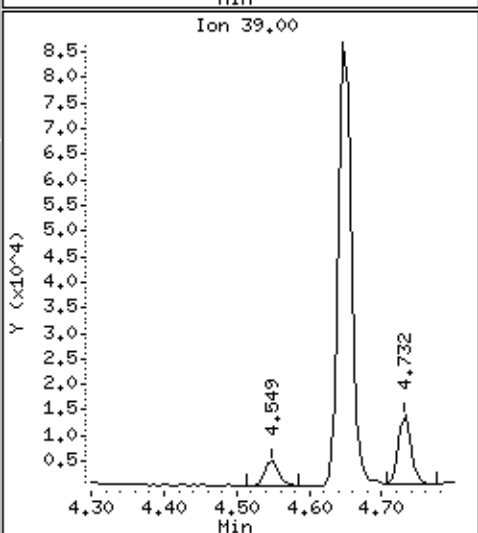
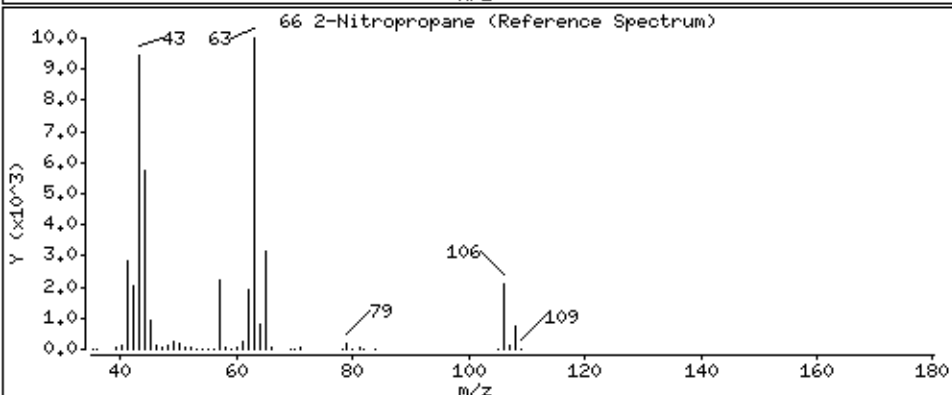
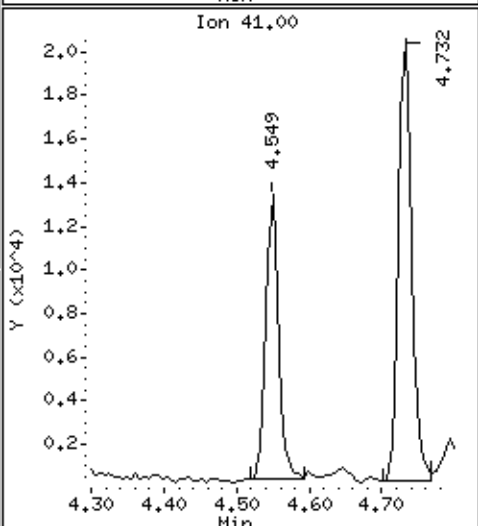
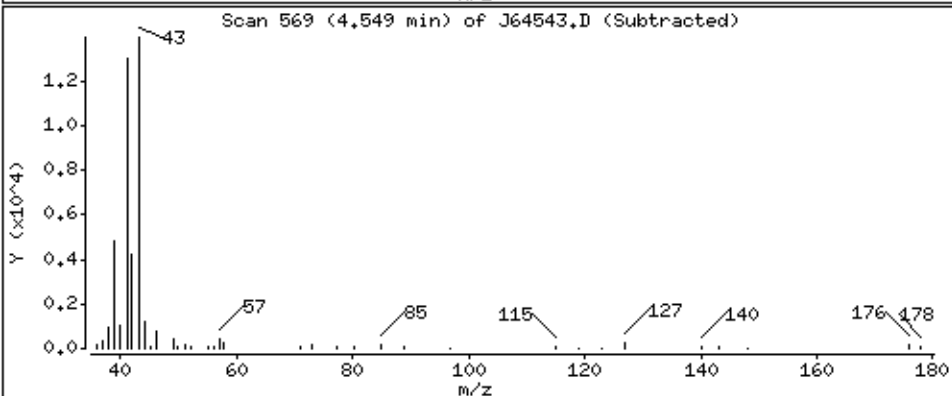
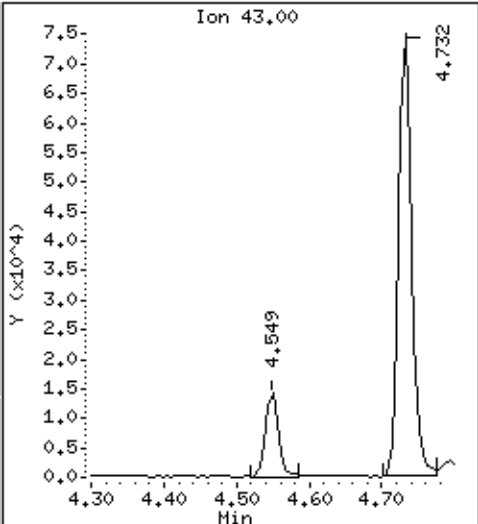
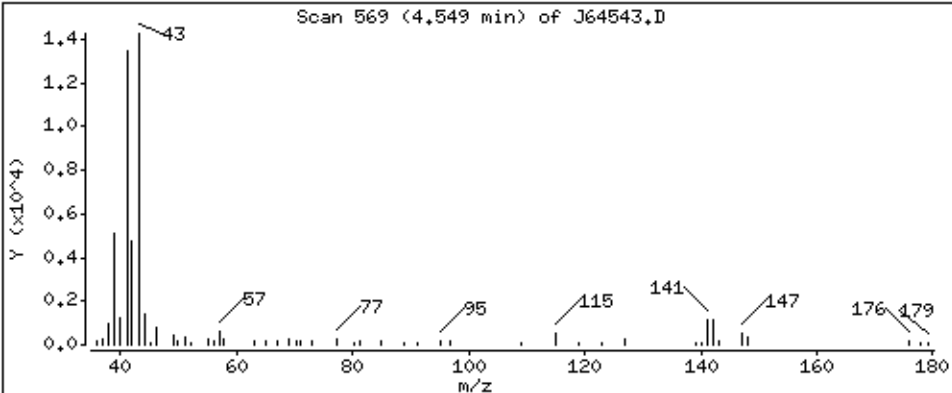
62 Dibromomethane
Concentration: 48,9 ug/L
Review Code:



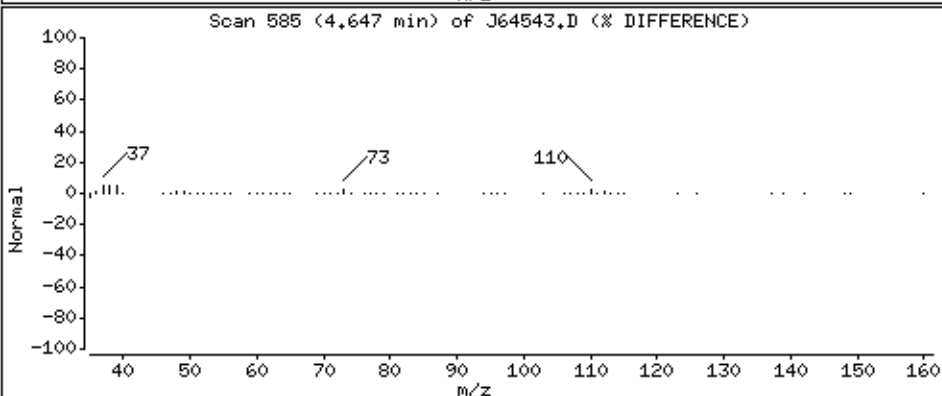
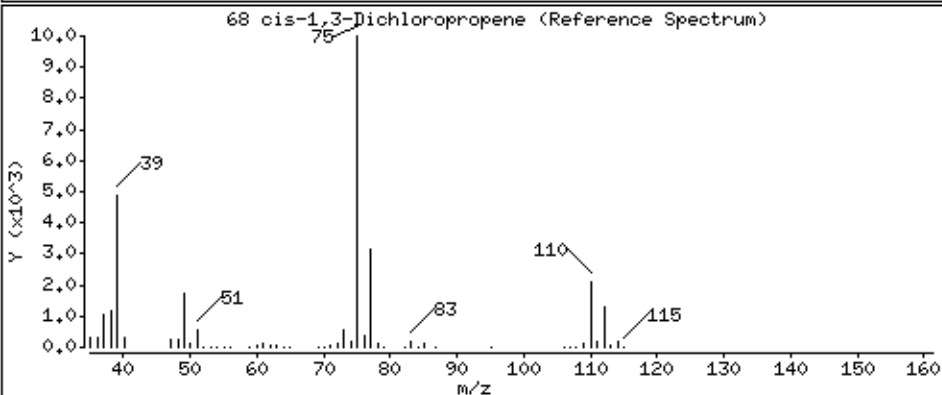
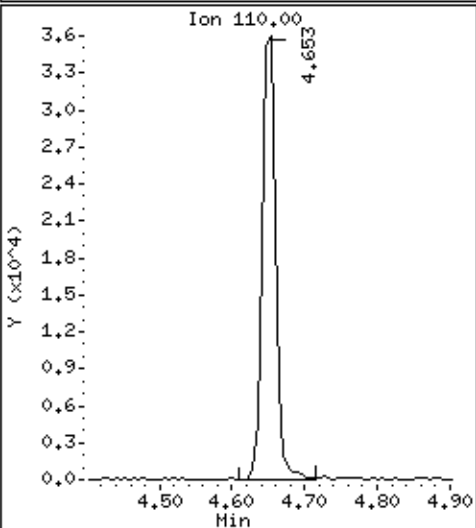
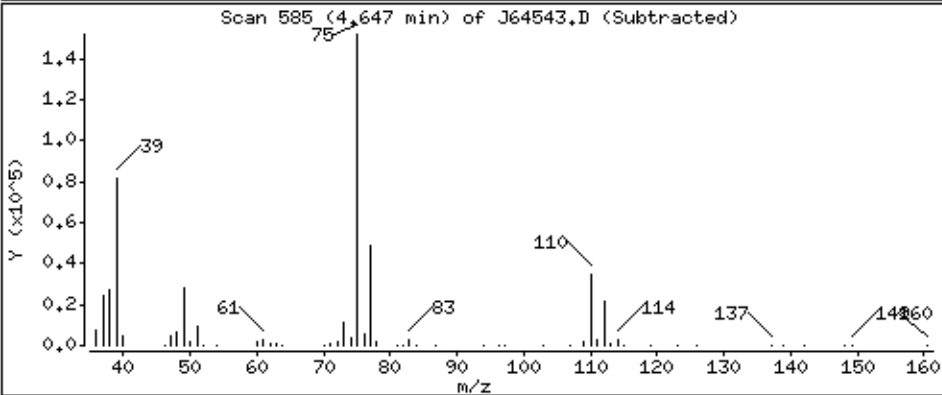
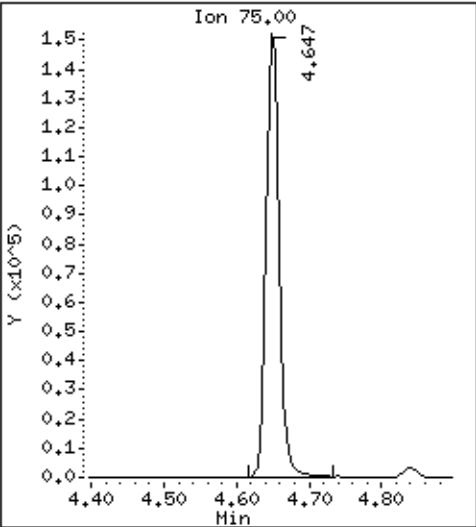
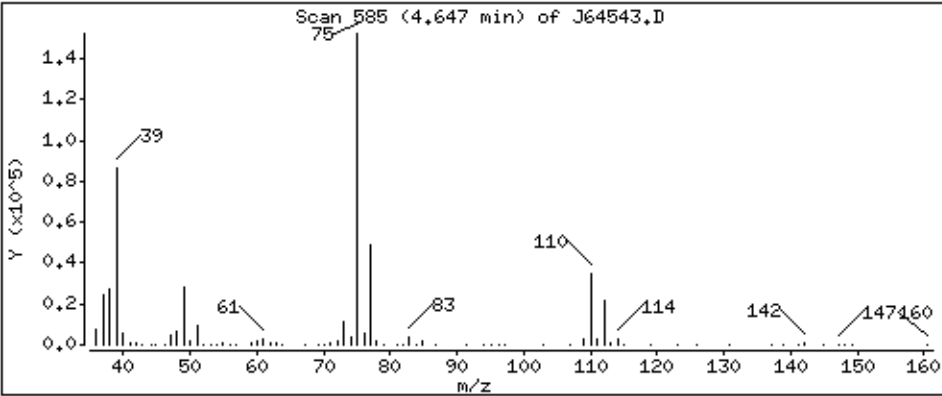
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 44.4 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



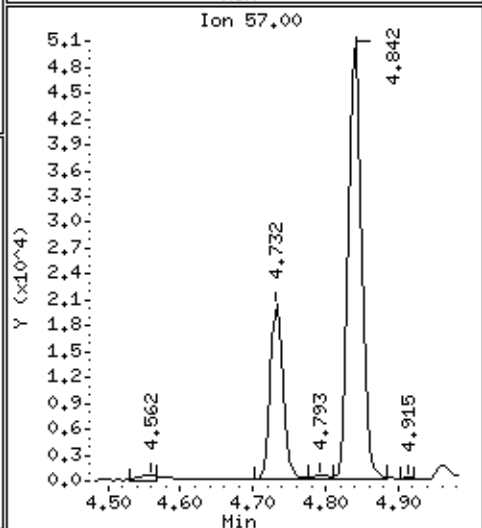
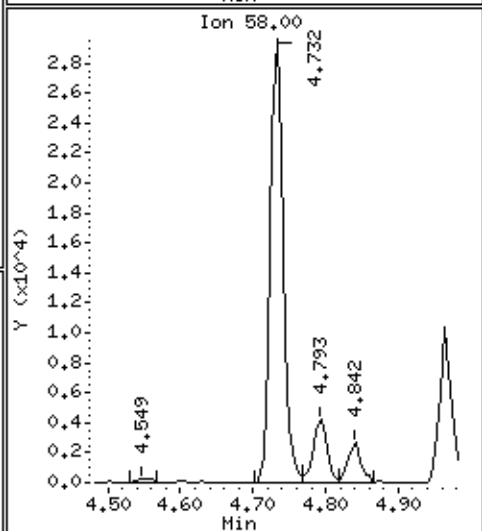
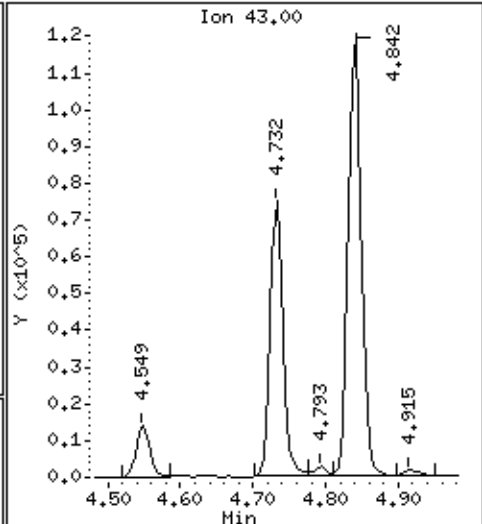
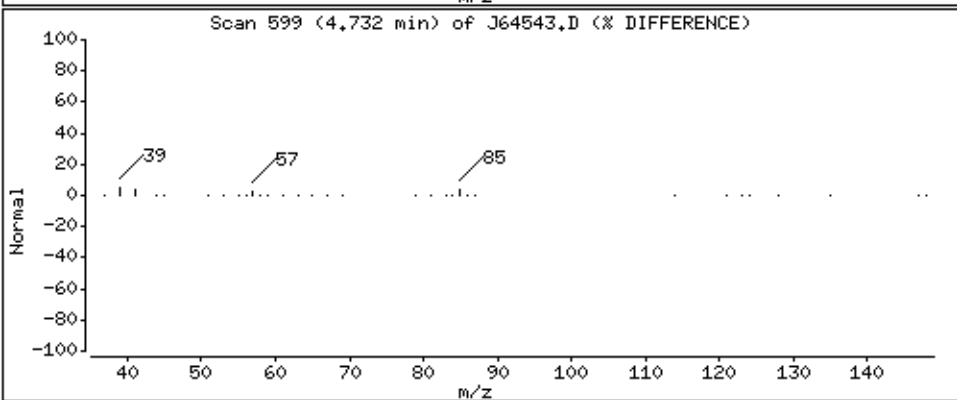
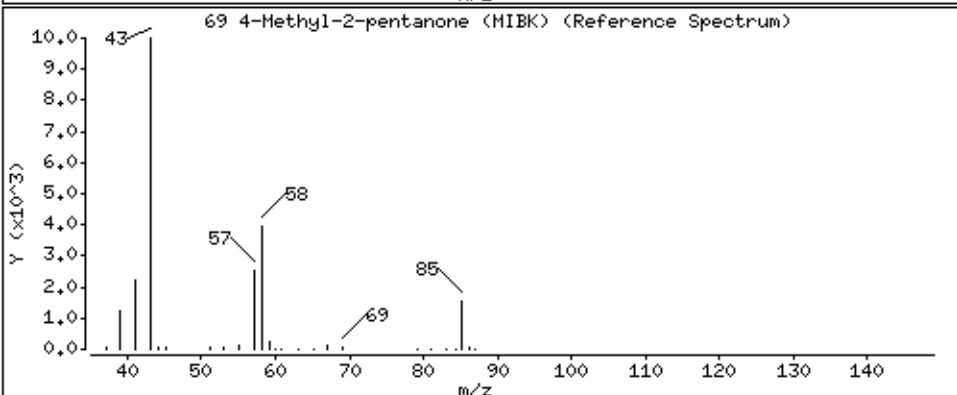
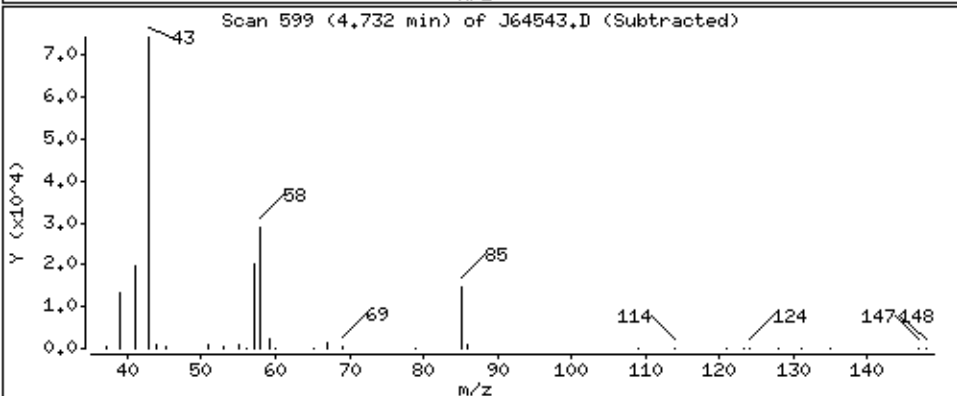
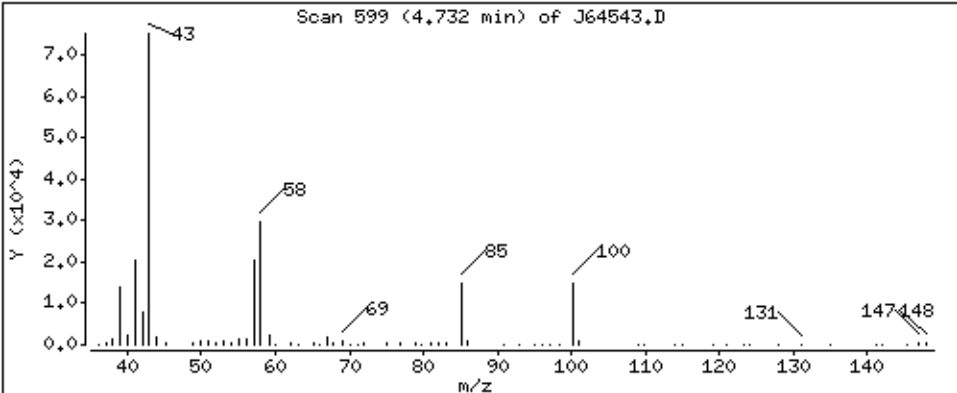
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 13.7 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
68 cis-1,3-Dichloropropene
Concentration: 43.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

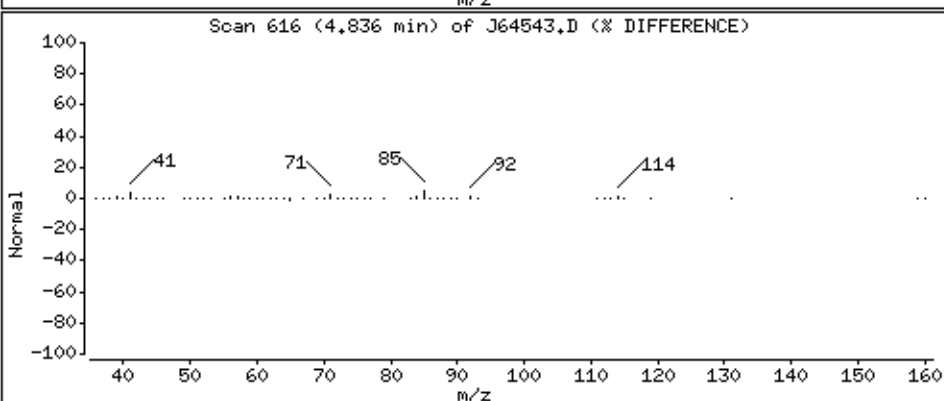
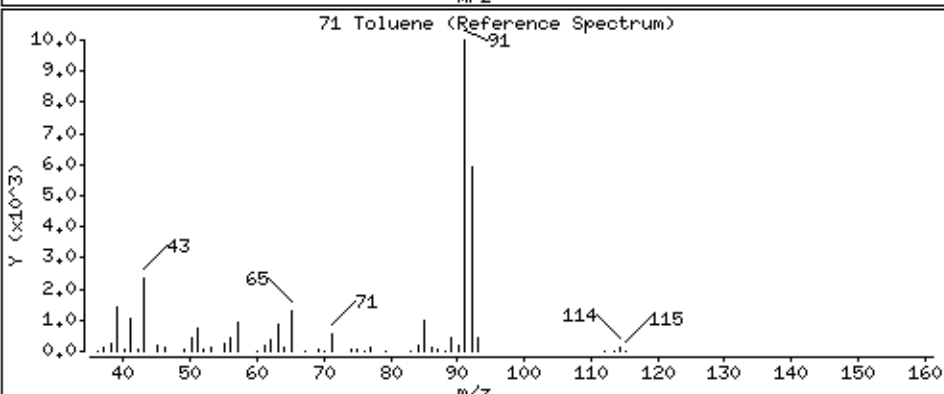
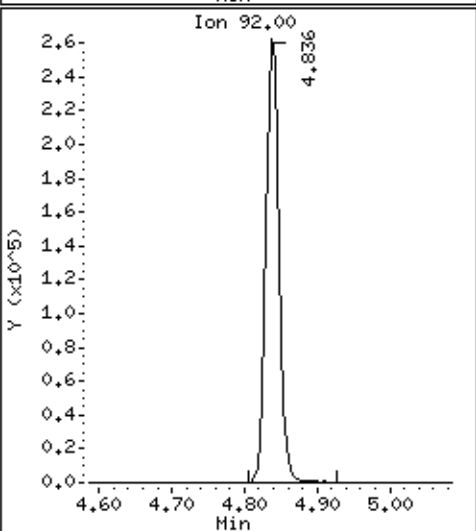
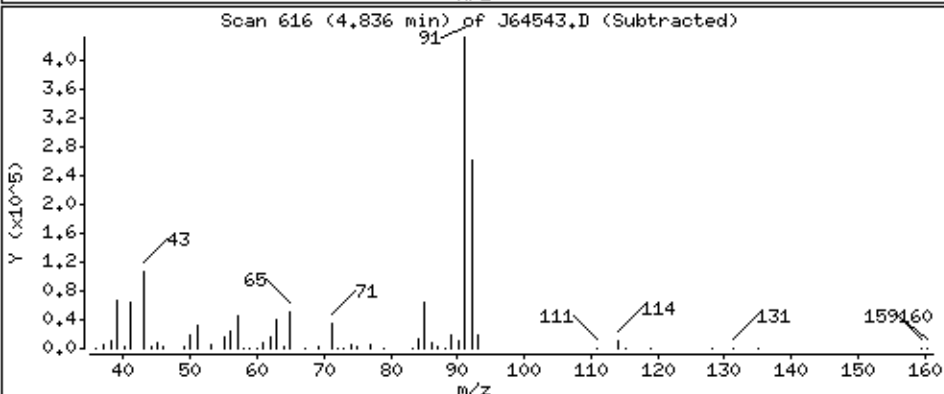
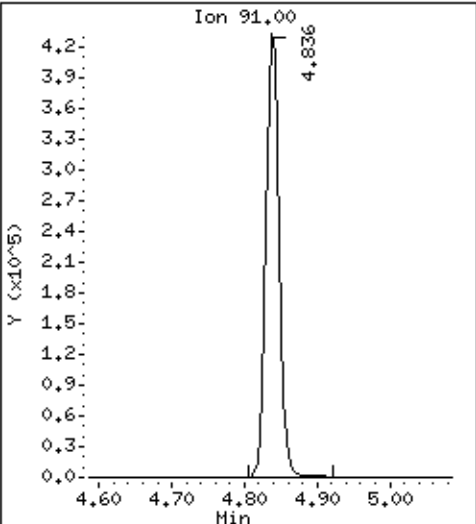
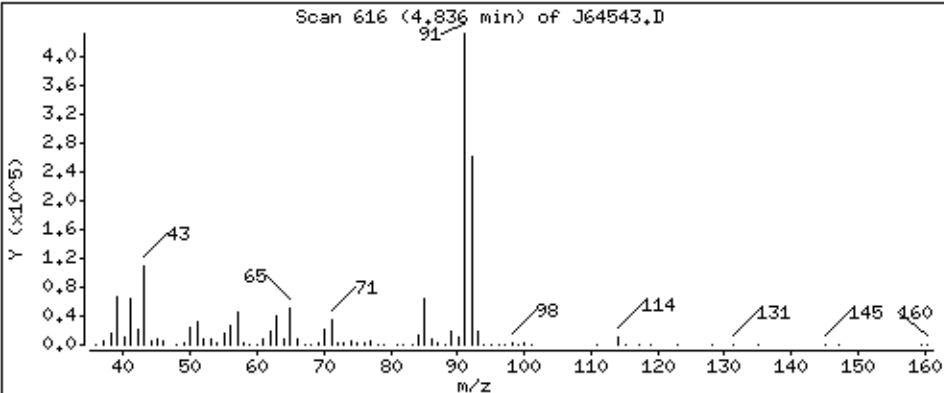


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 36.1 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

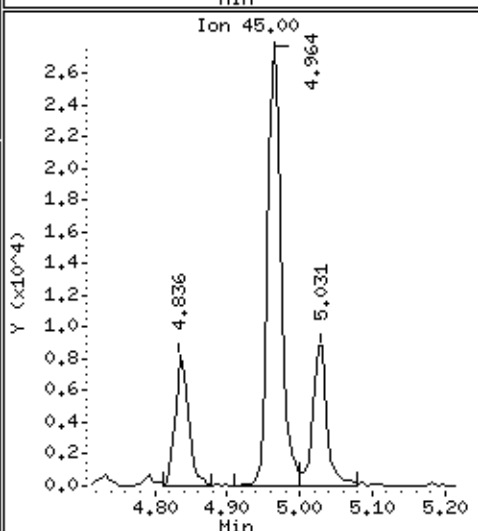
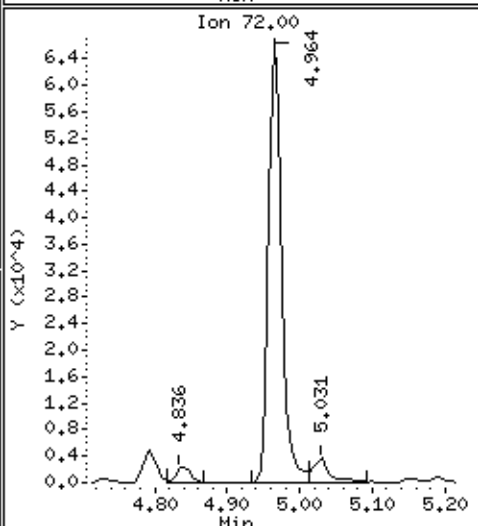
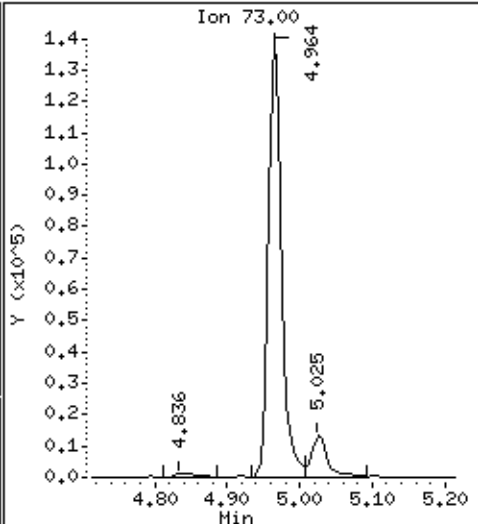
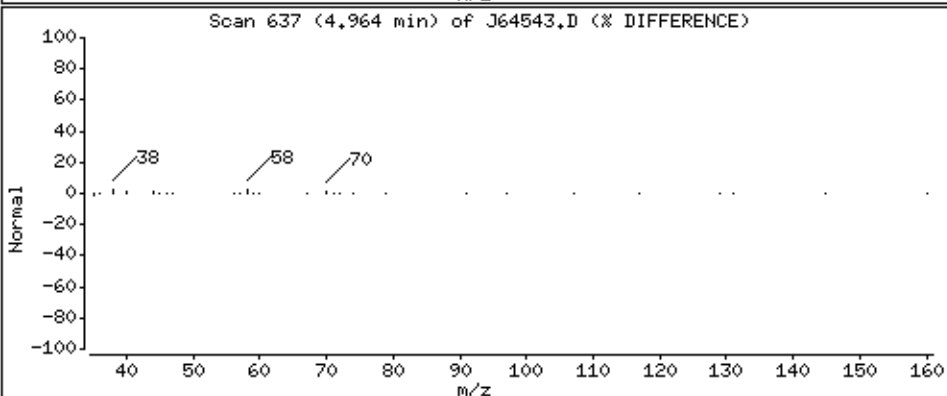
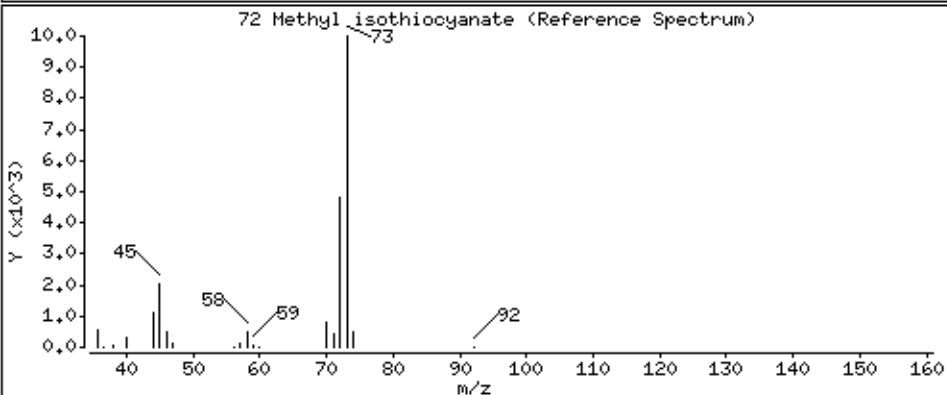
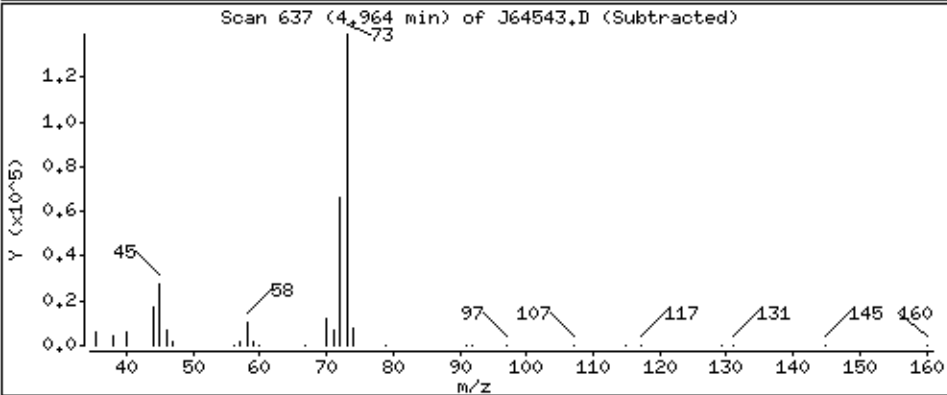
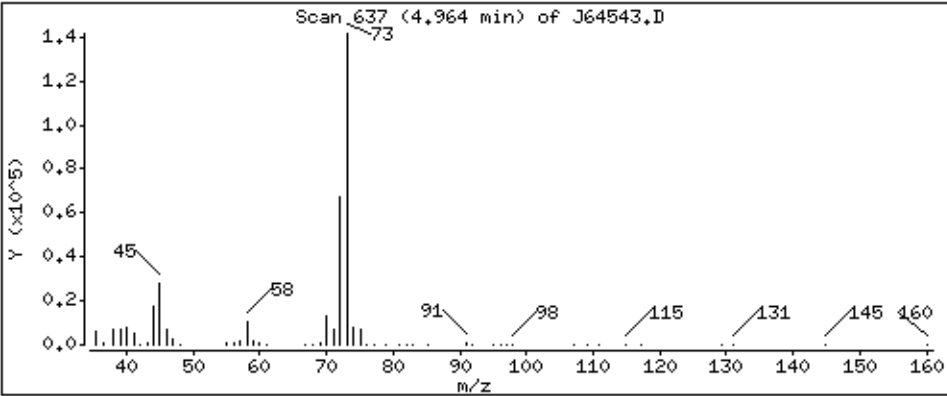


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

71 Toluene
Concentration: 48.4 ug/L
Review Code:

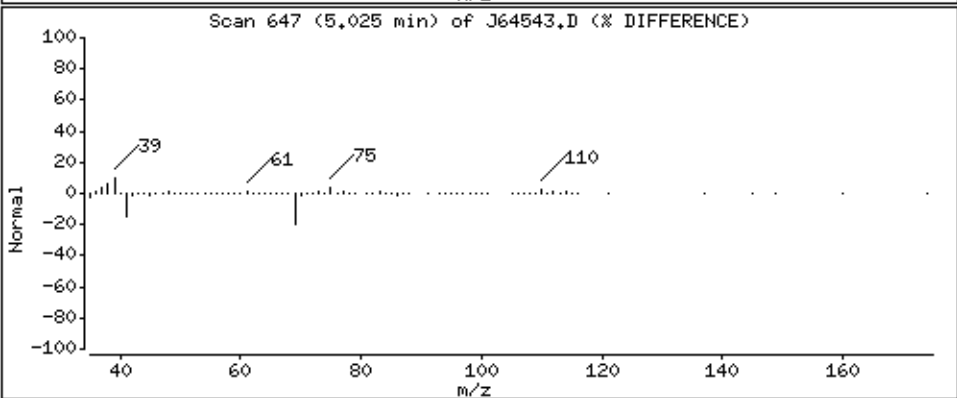
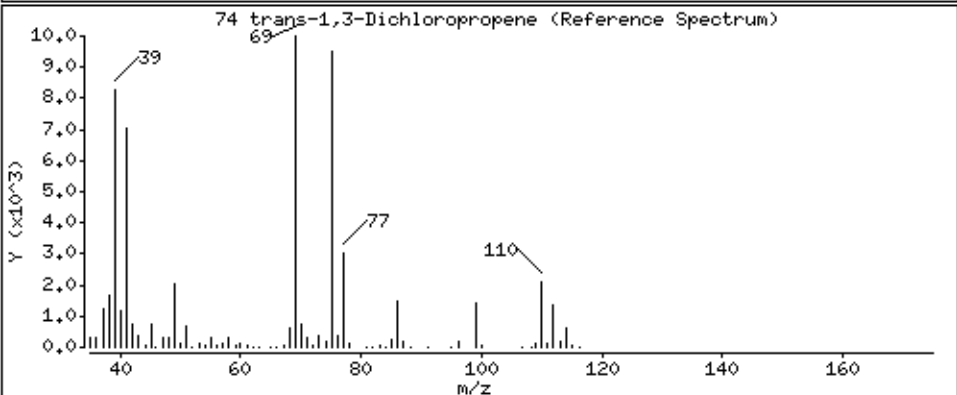
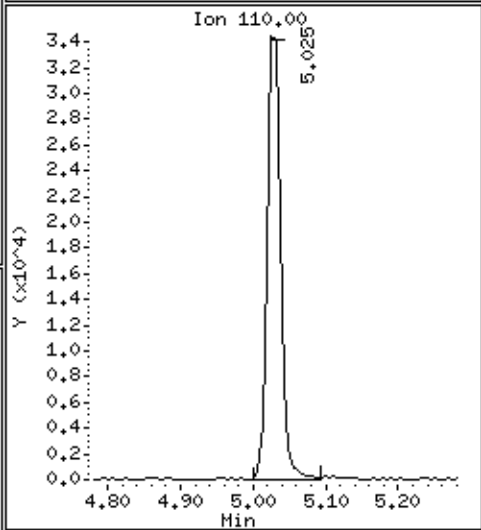
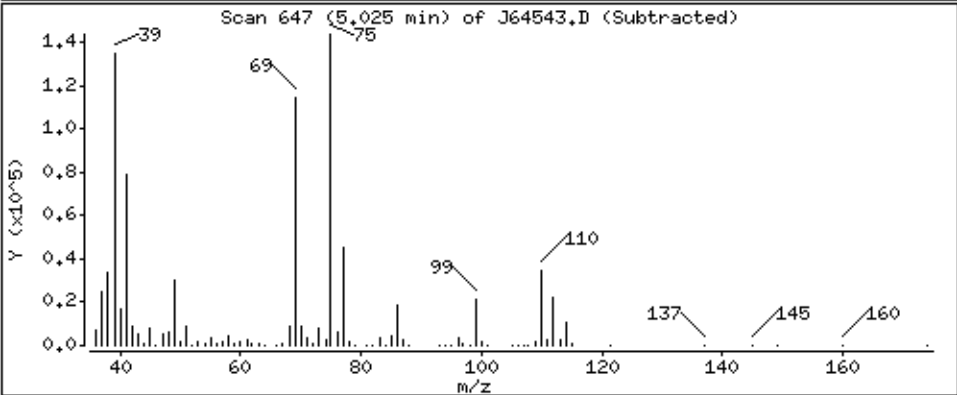
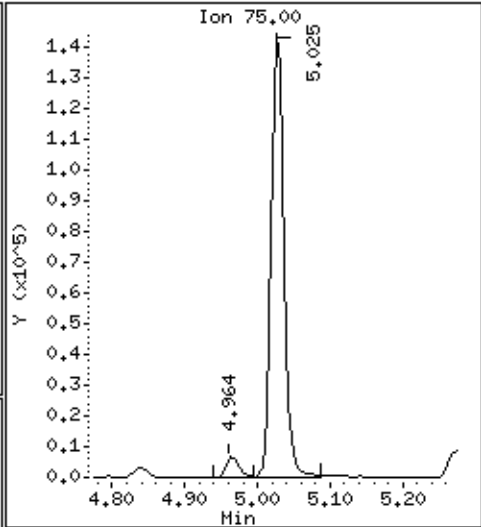
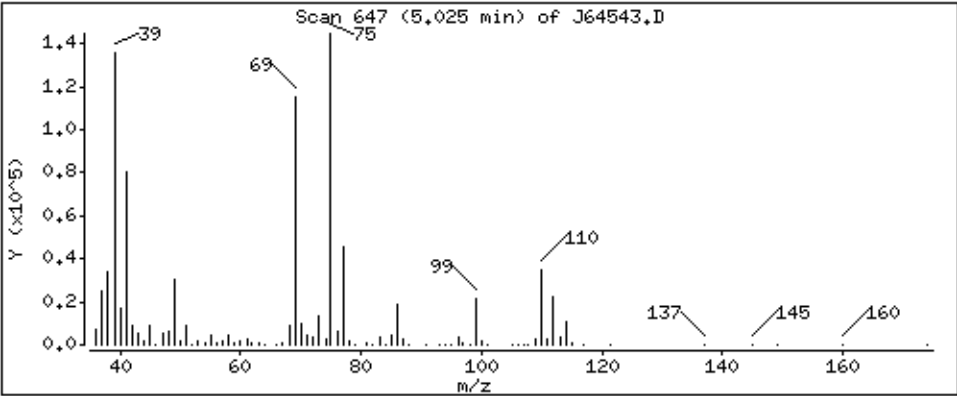


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
72 Methyl isothiocyanate
Concentration: 99.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



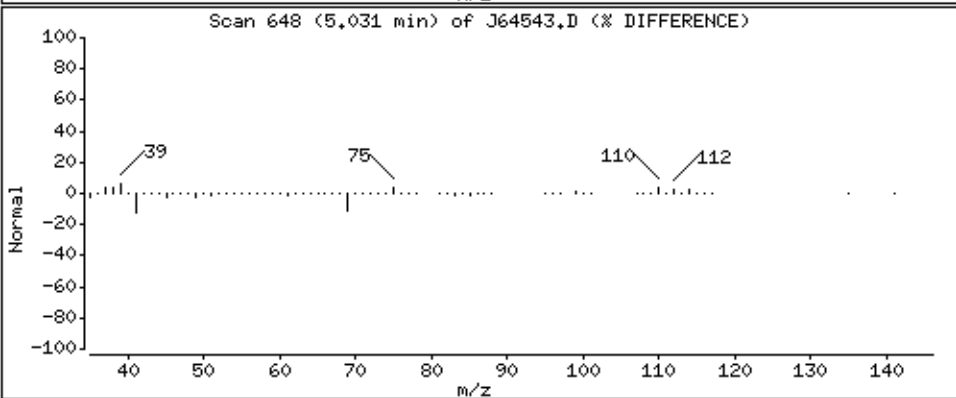
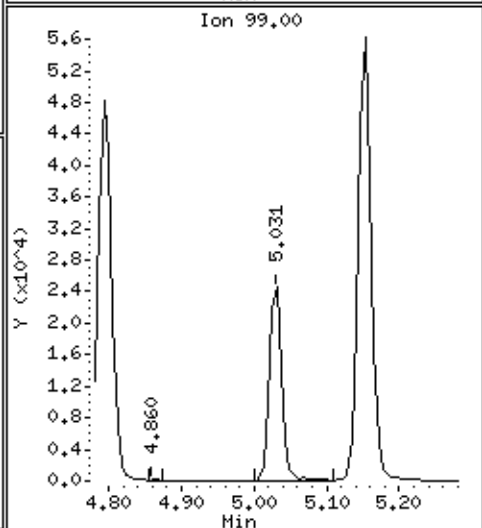
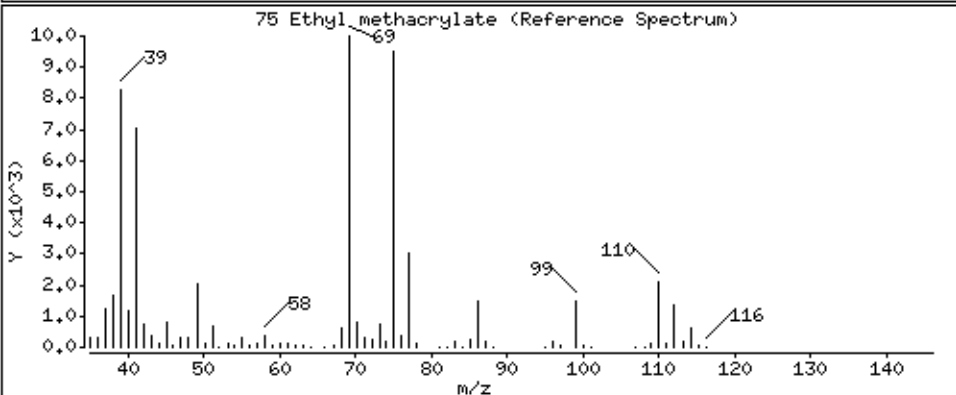
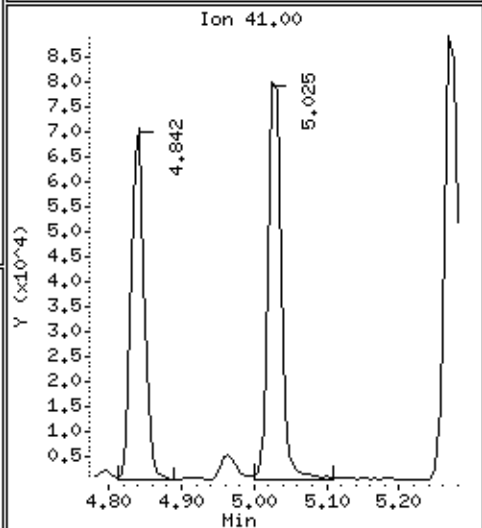
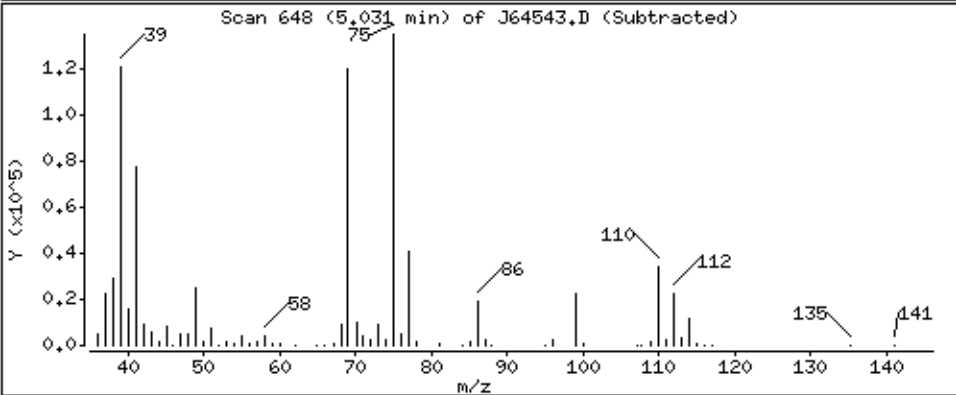
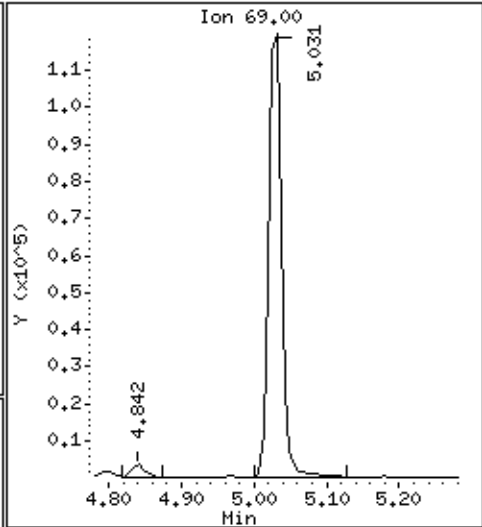
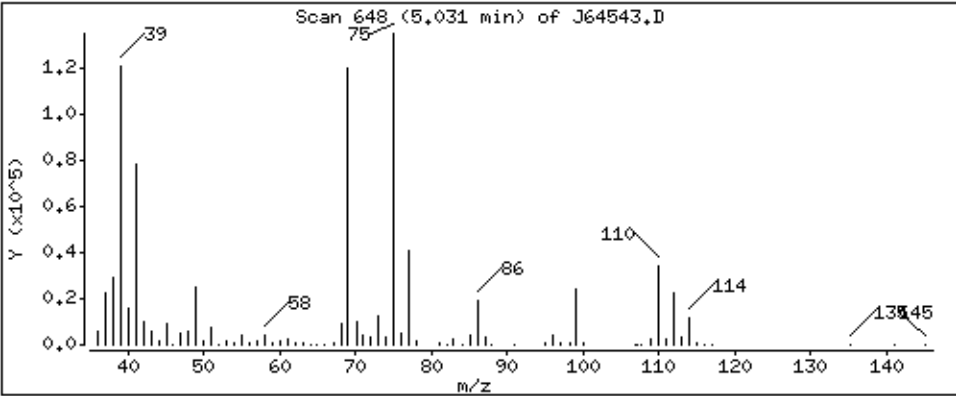
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

74 trans-1,3-Dichloropropene Concentration: 45,2 ug/L Review Code:

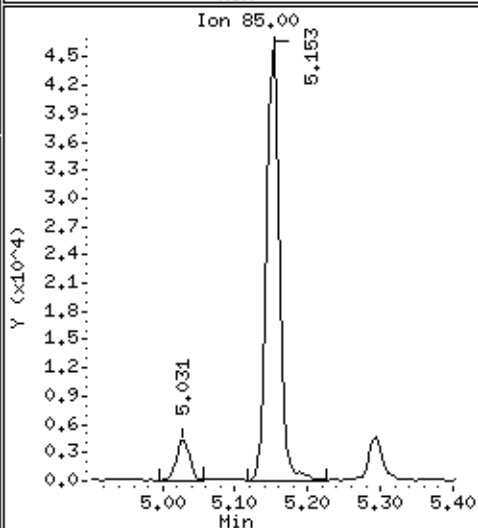
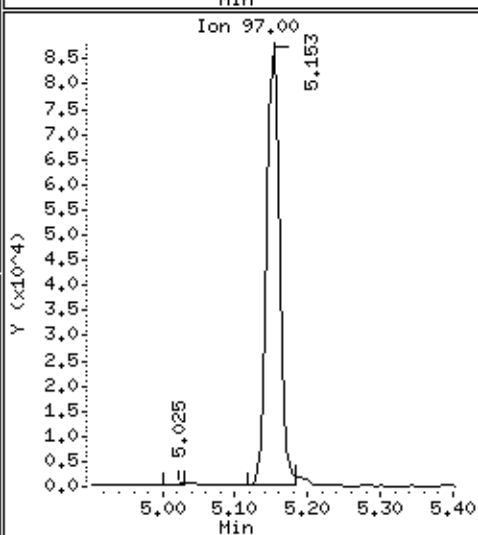
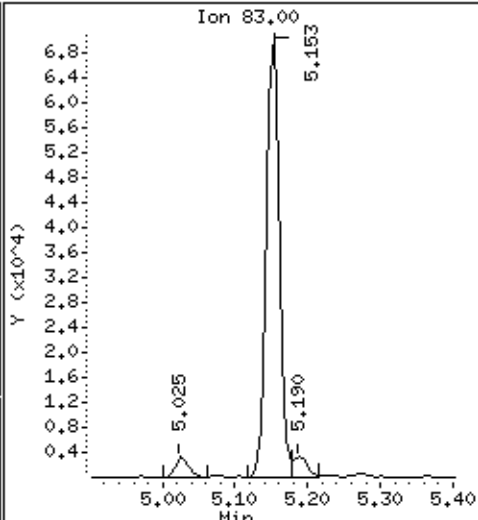
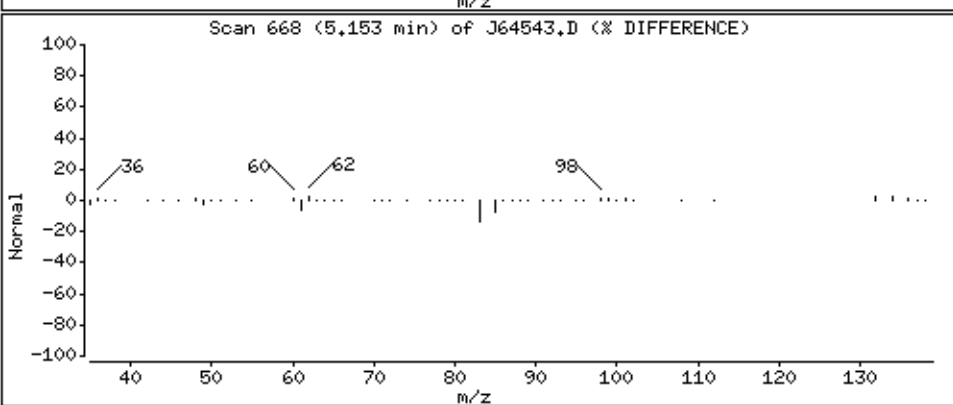
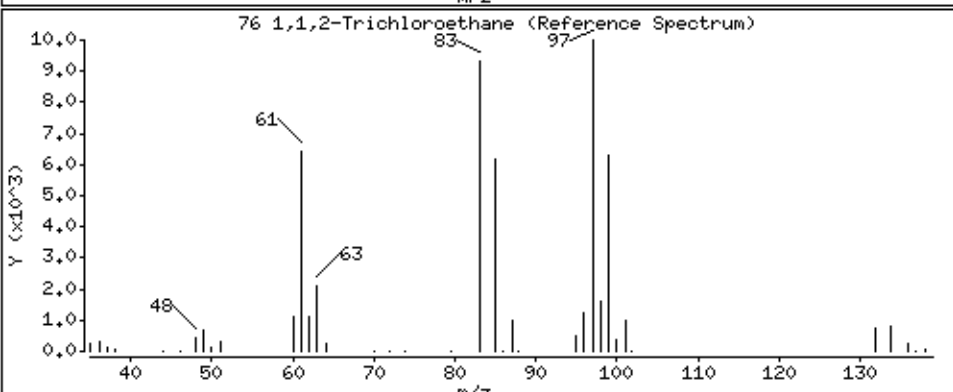
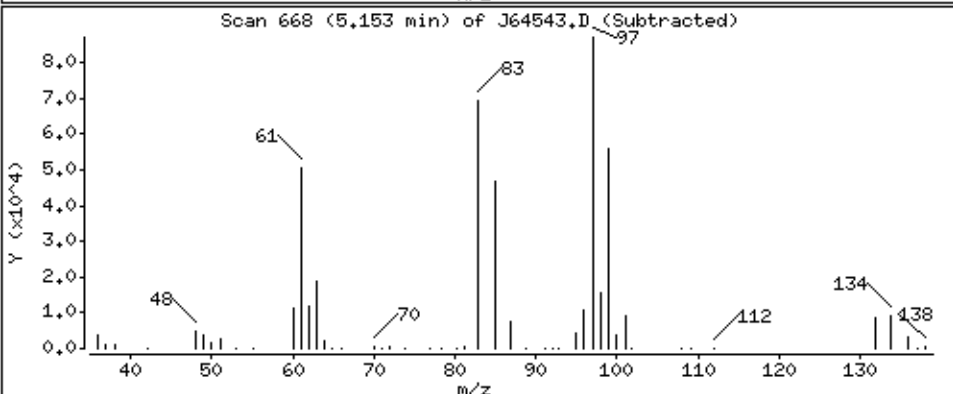
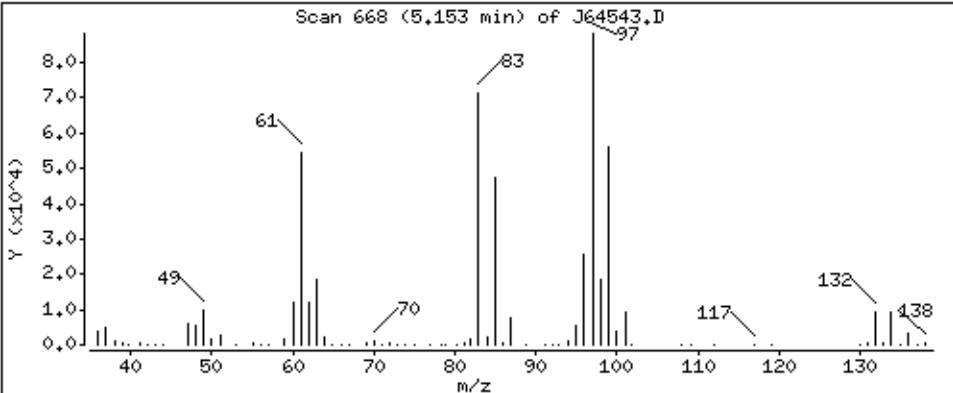


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 43.6 ug/L
Column diameter: 0.18

75 Ethyl methacrylate
Concentration: 43.6 ug/L
Review Code:

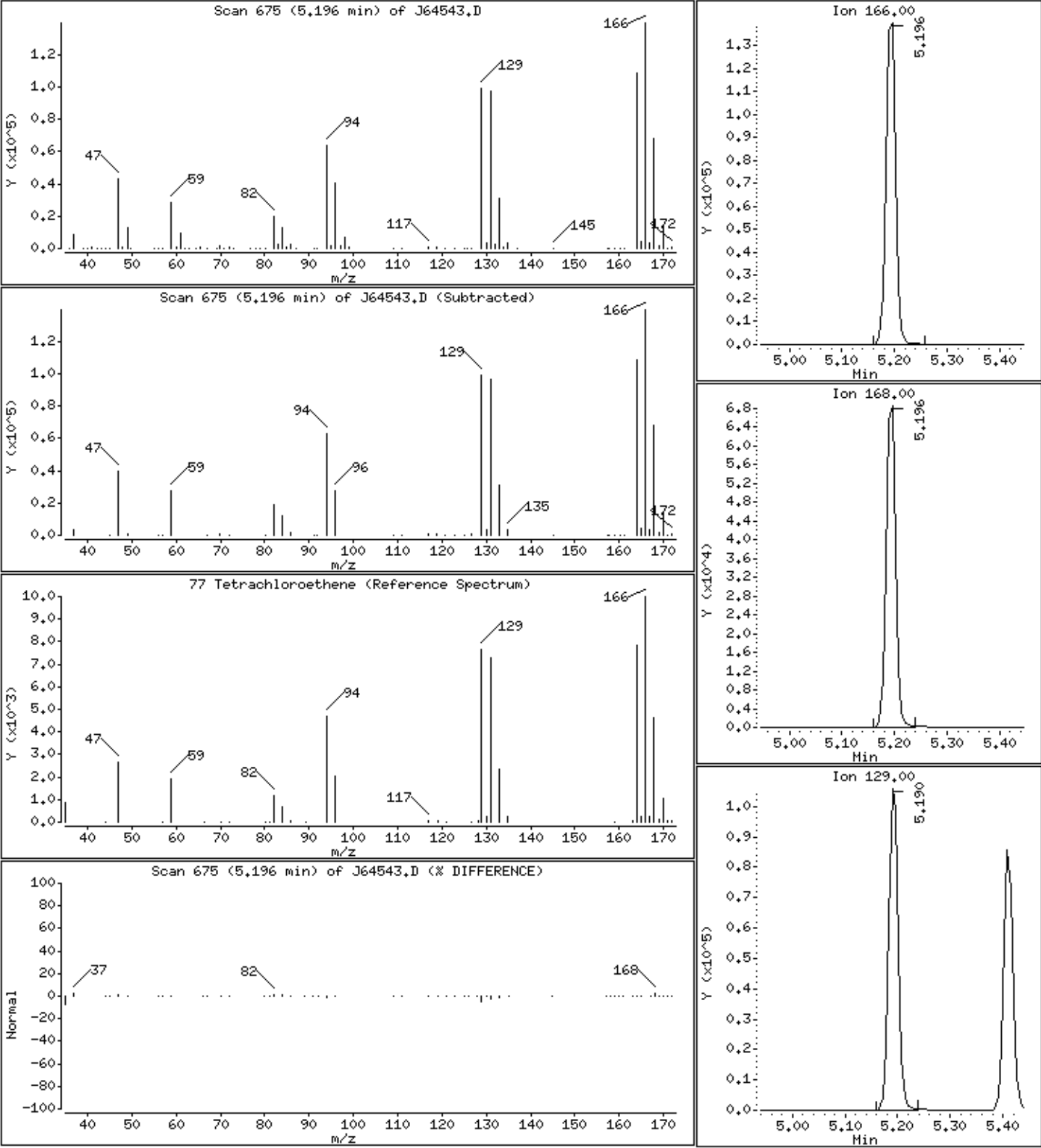


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
76 1,1,2-Trichloroethane
Concentration: 45.9 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:

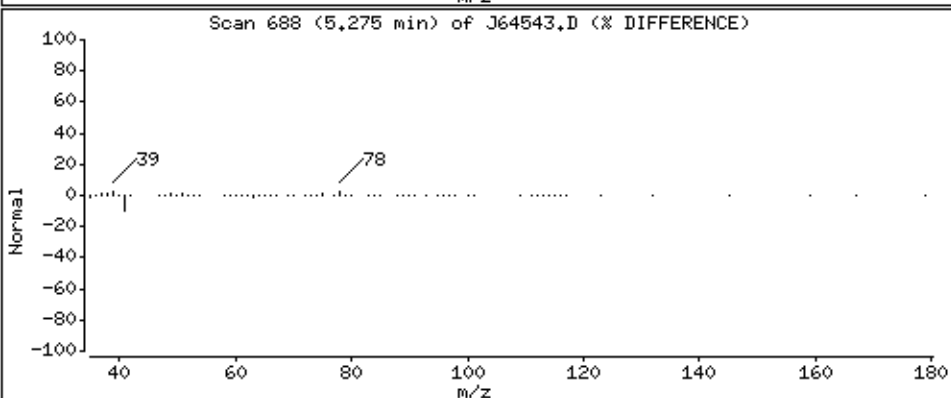
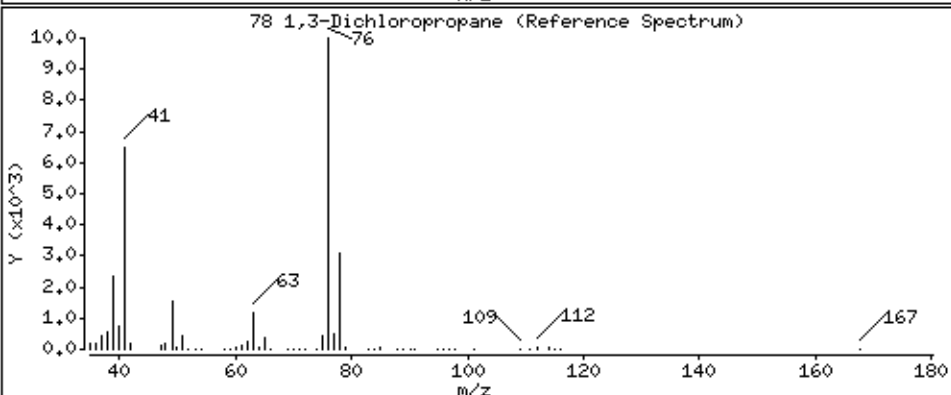
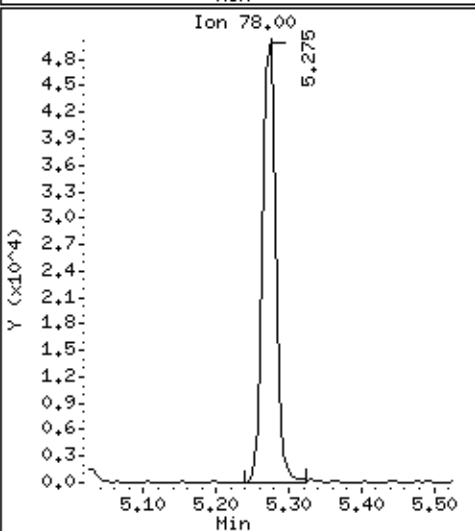
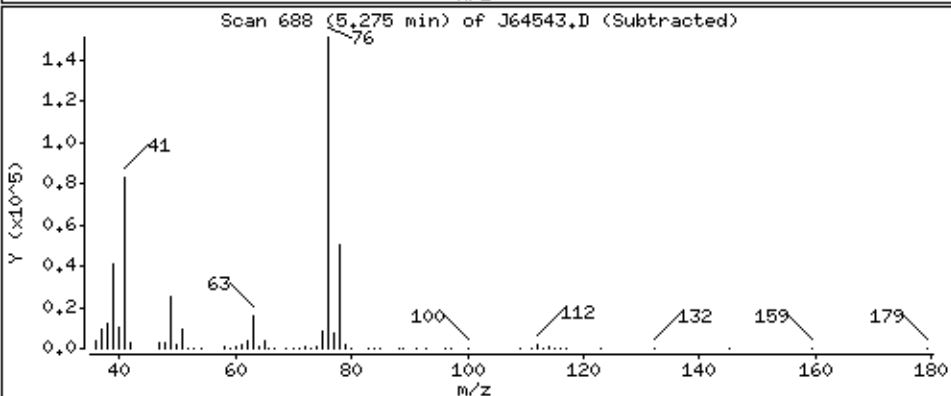
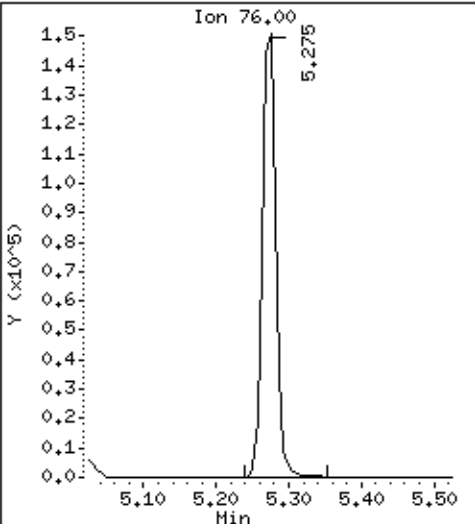
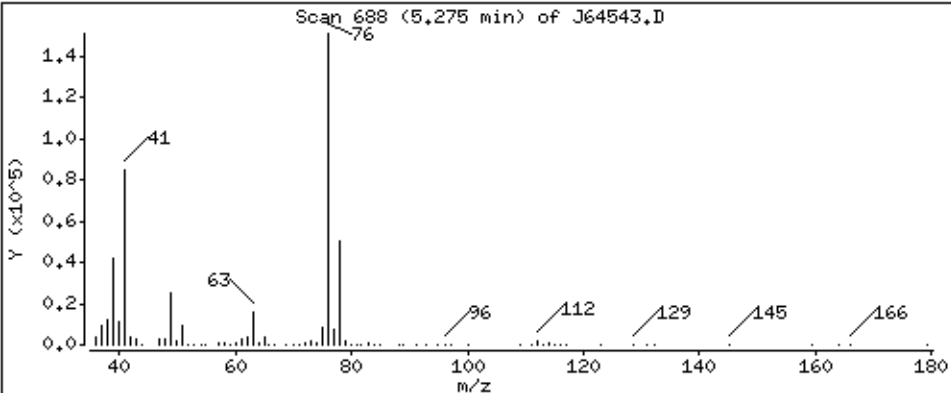


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

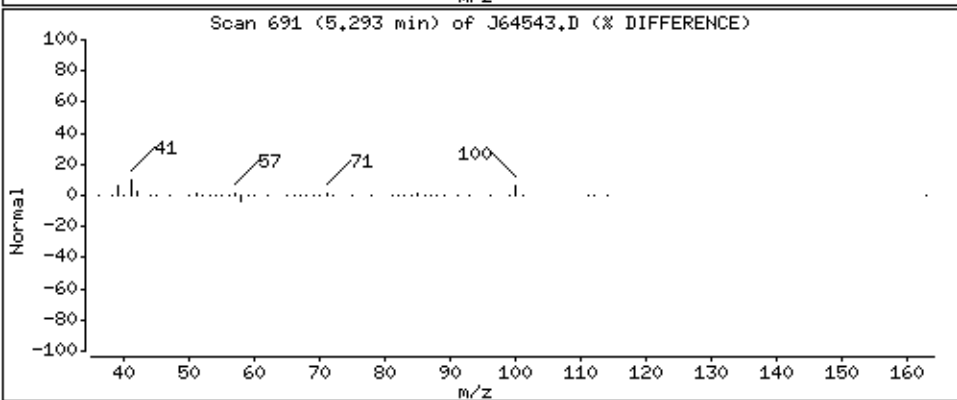
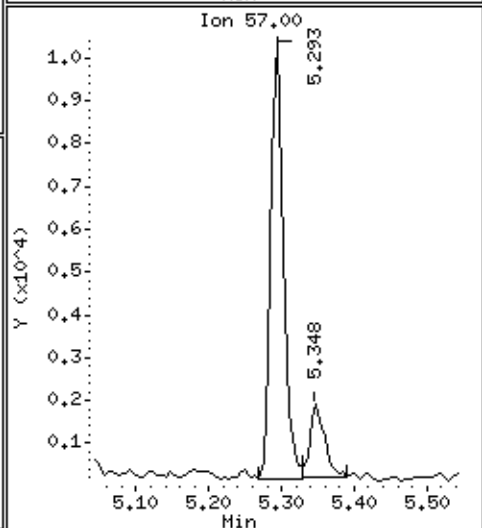
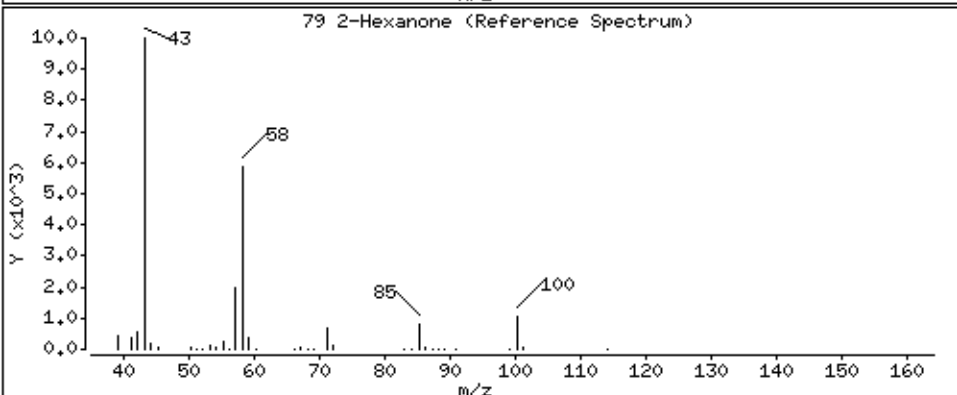
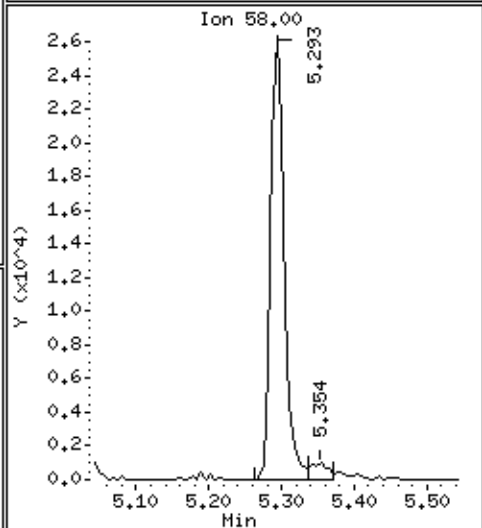
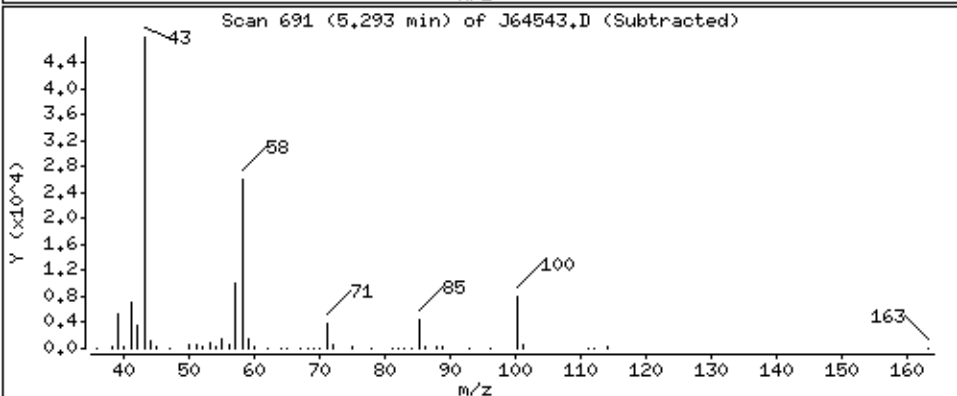
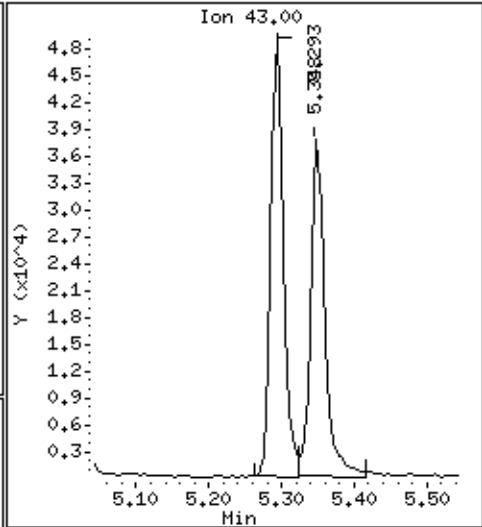
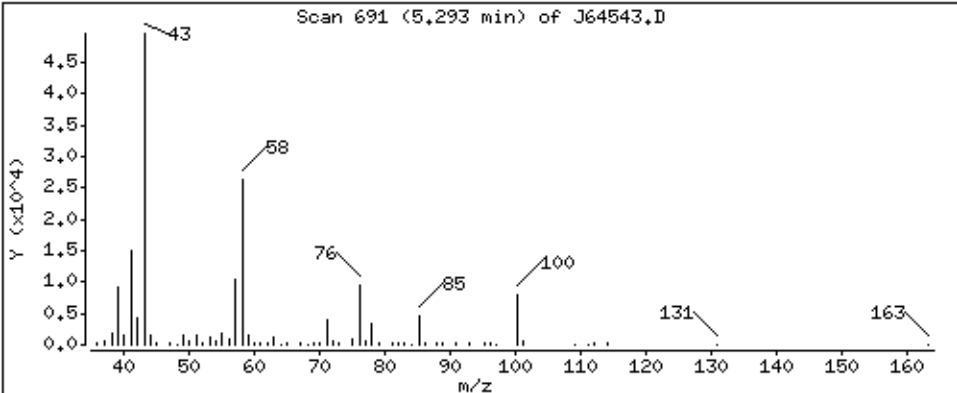
77 Tetrachloroethene Concentration: 65.2 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
78 1,3-Dichloropropane
Concentration: 47.7 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

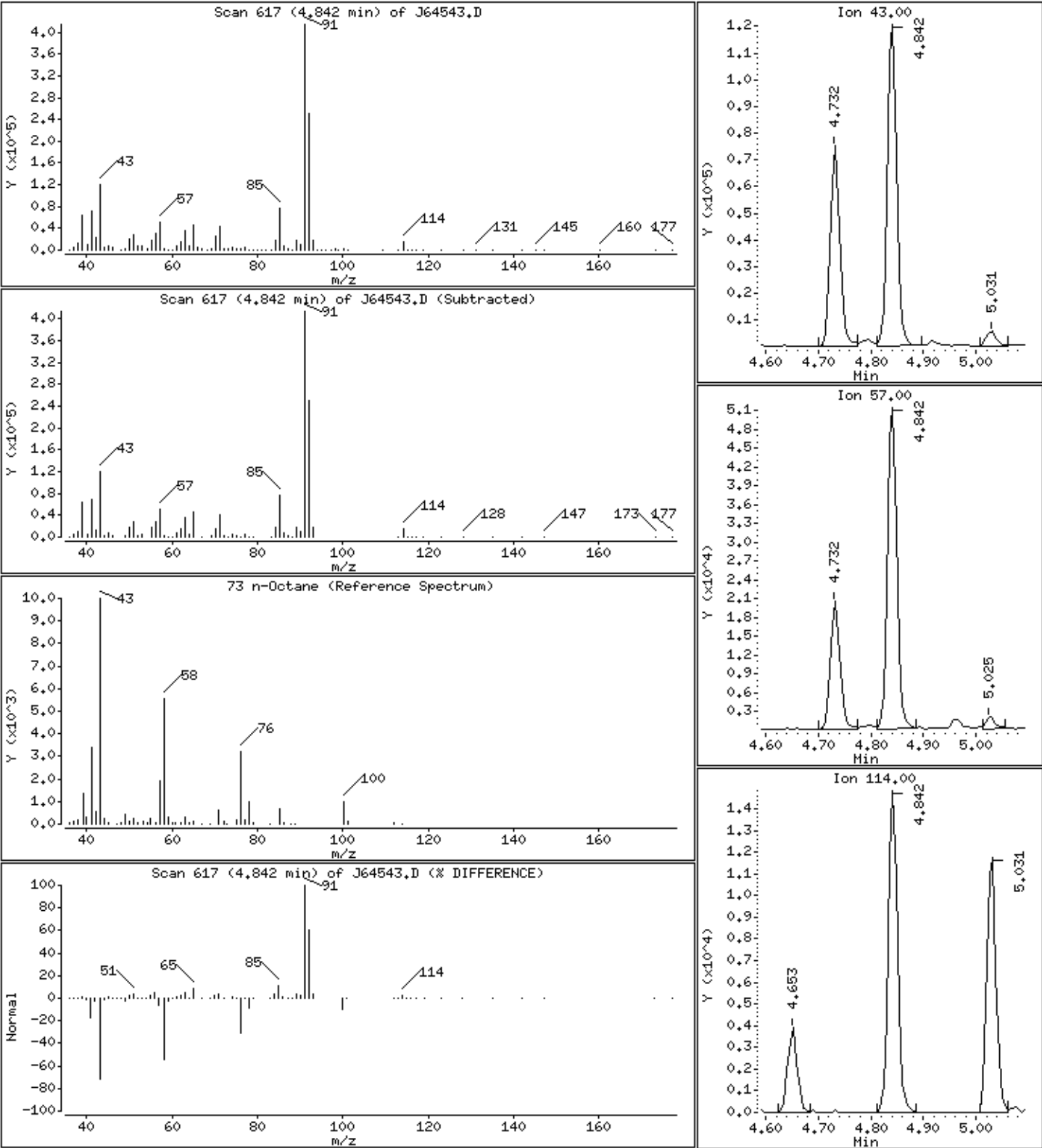


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 33,8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



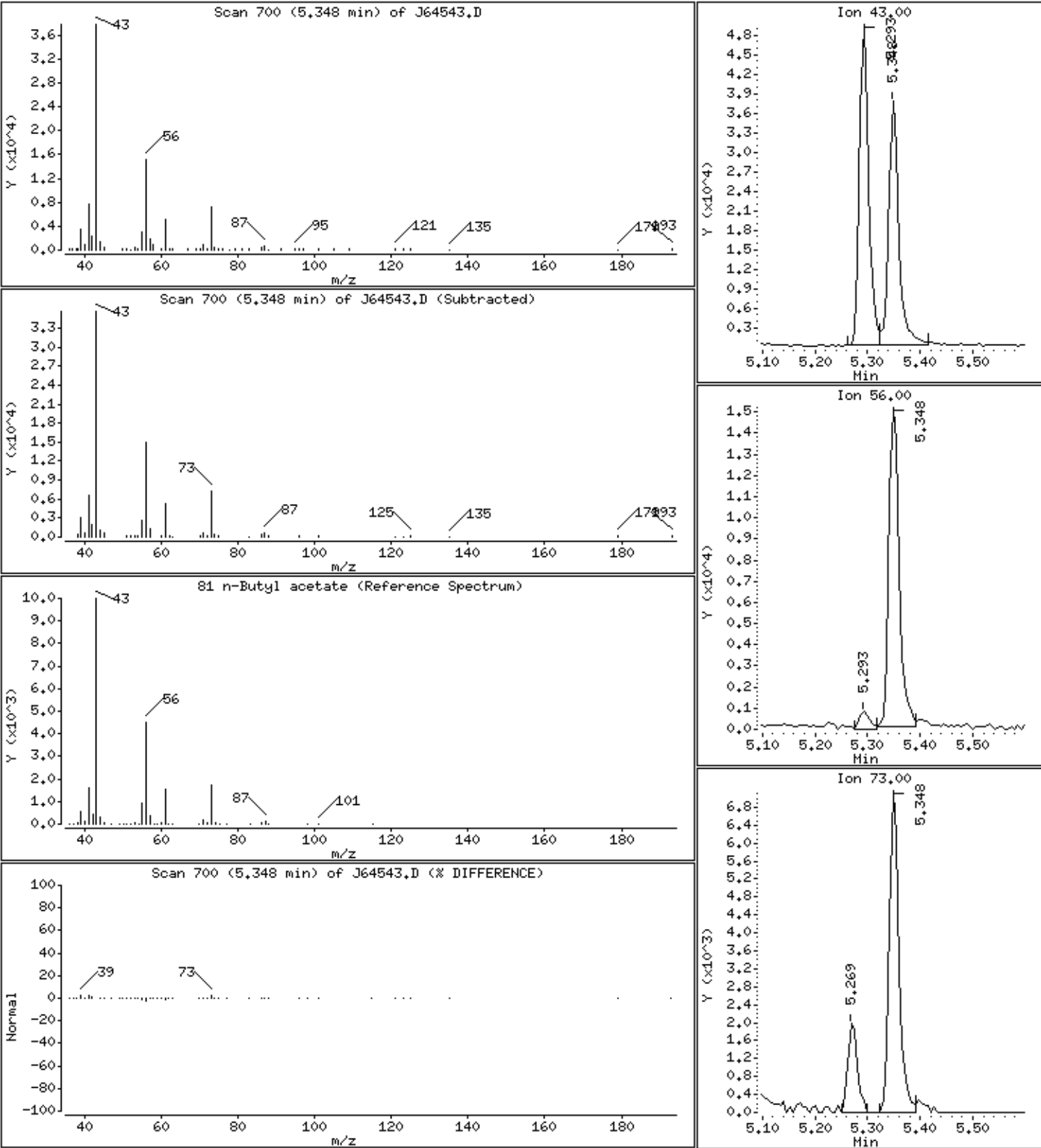
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

73 n-Octane Concentration: 37,5 ug/L Review Code:

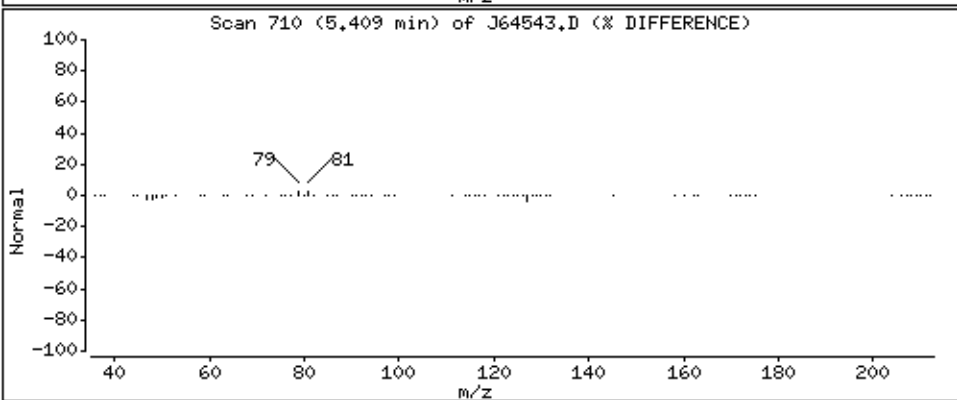
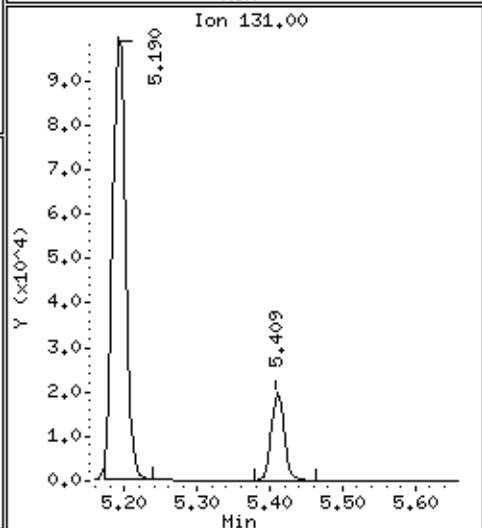
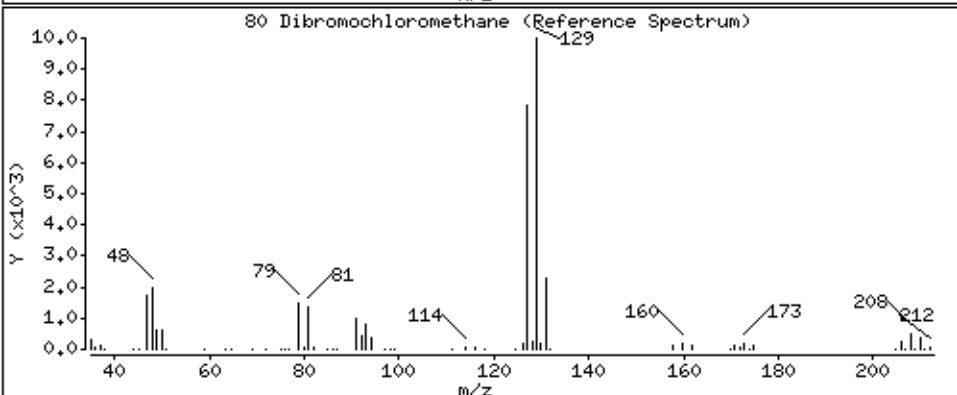
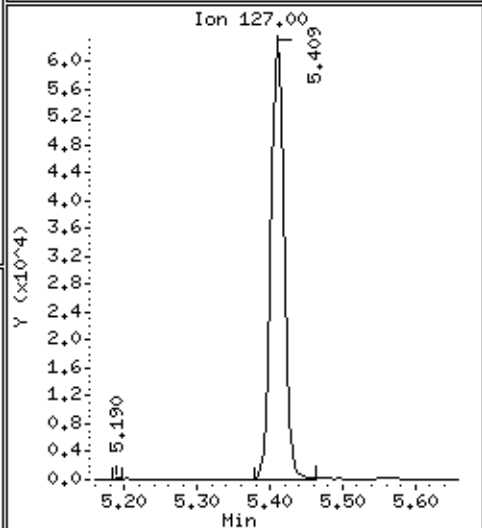
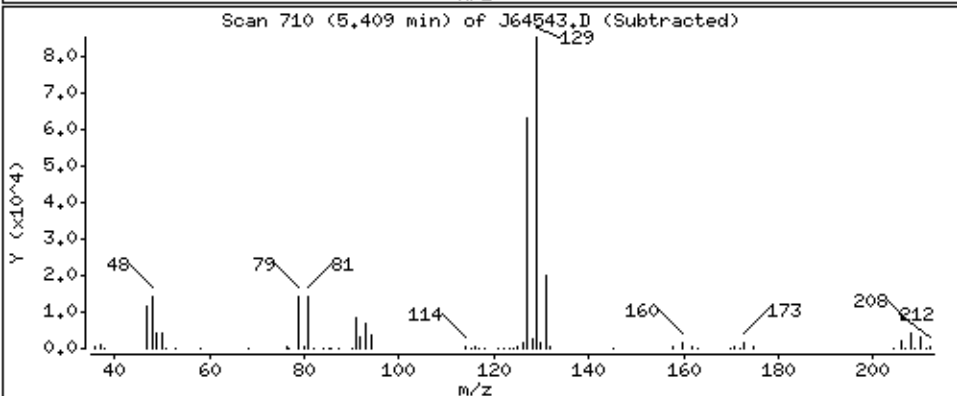
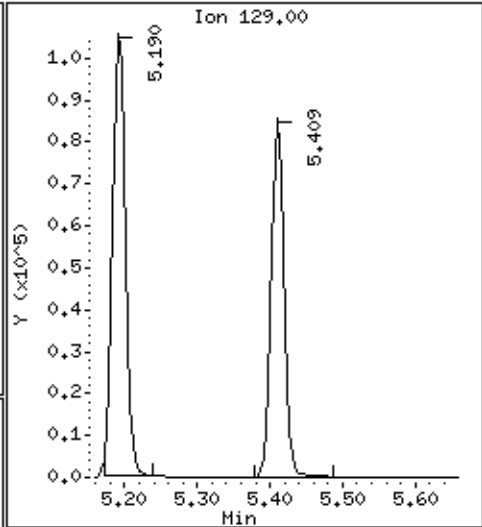
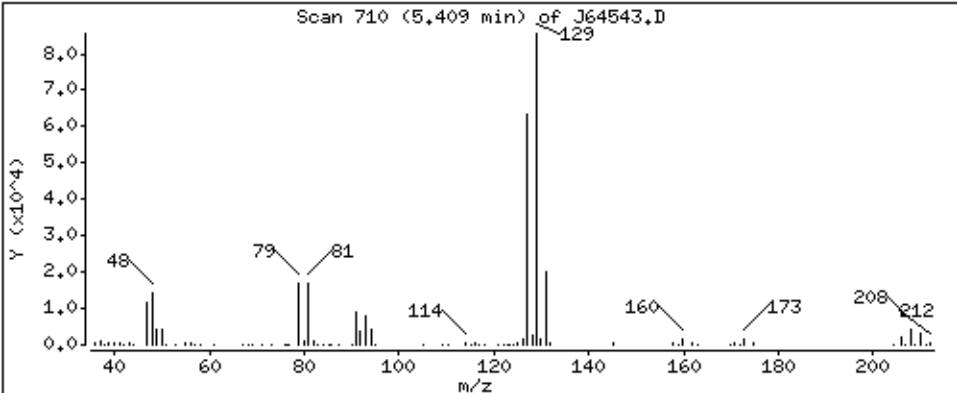


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

81 n-Butyl acetate Concentration: 36.4 ug/L Review Code:

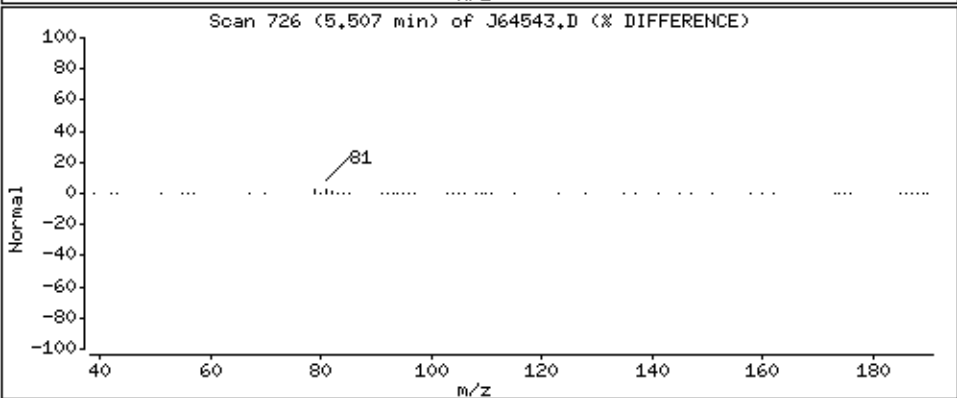
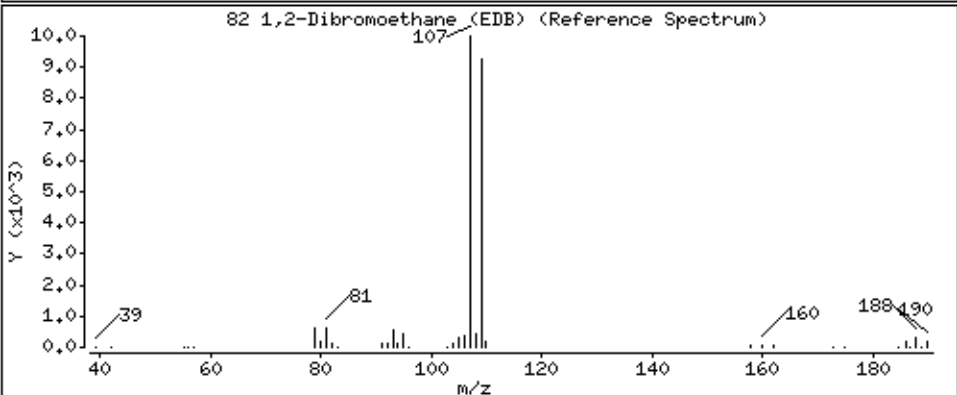
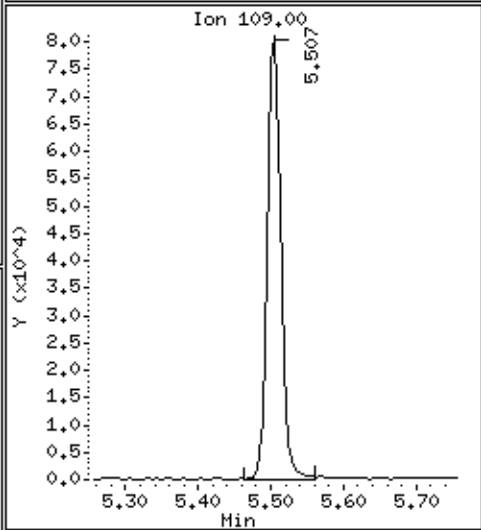
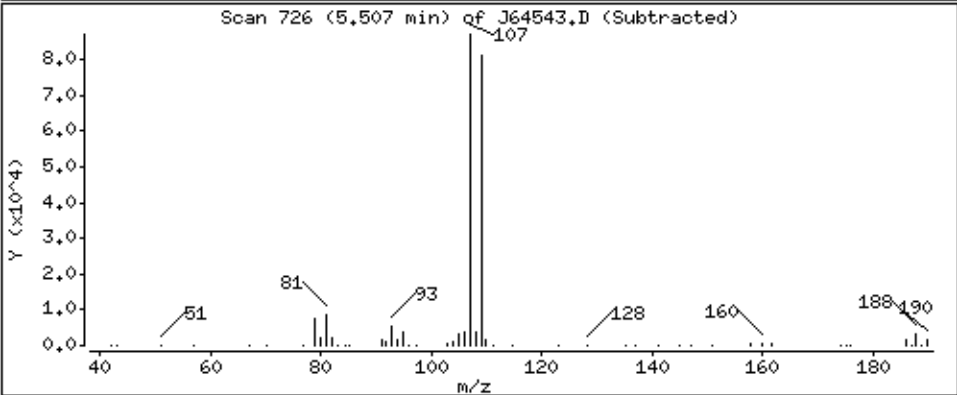
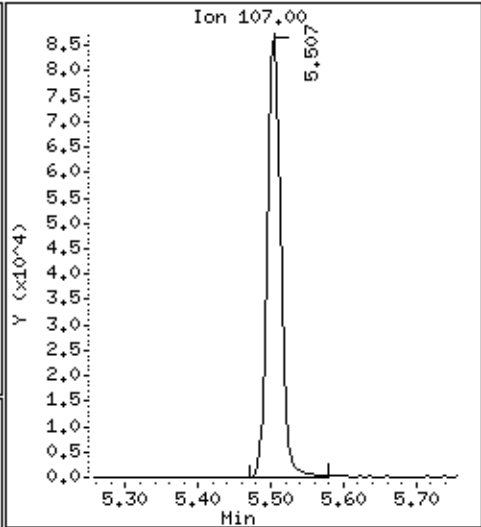
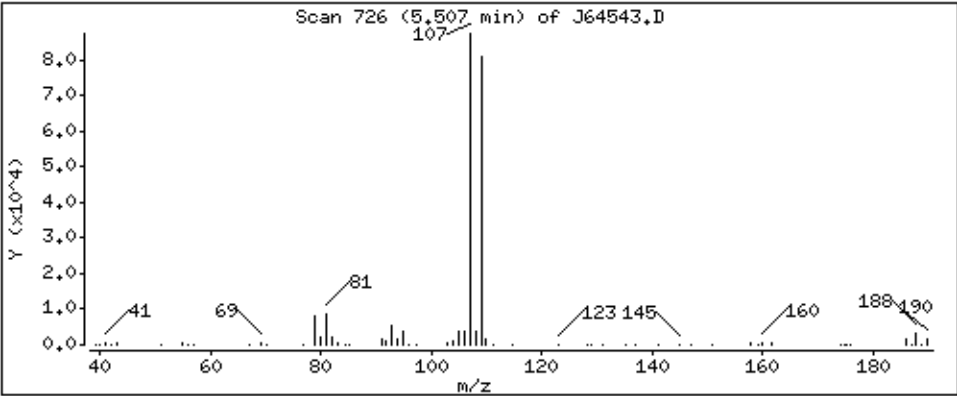


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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 49.7 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



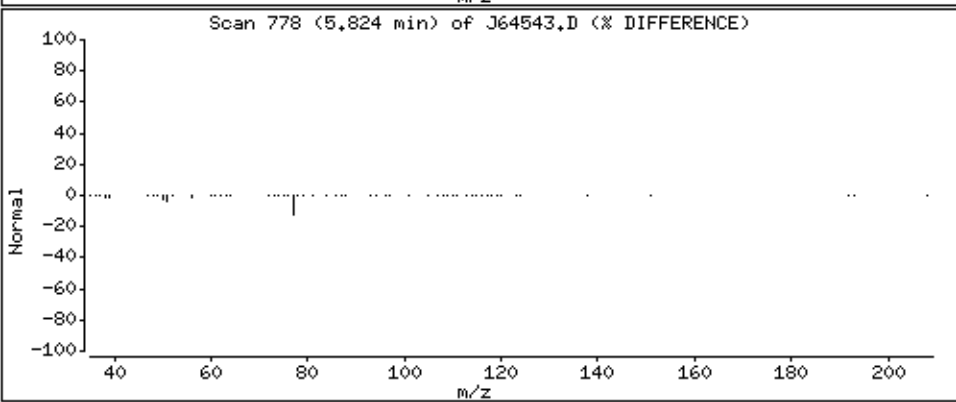
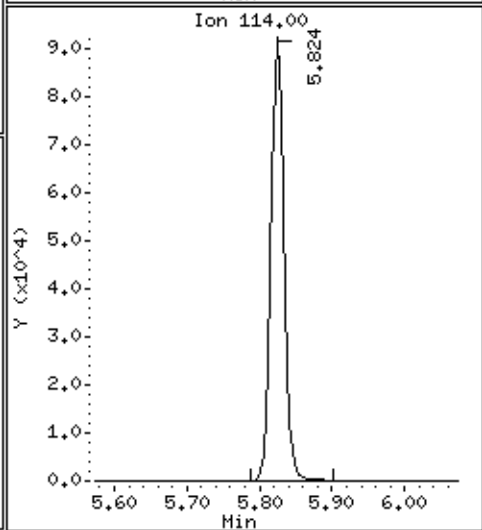
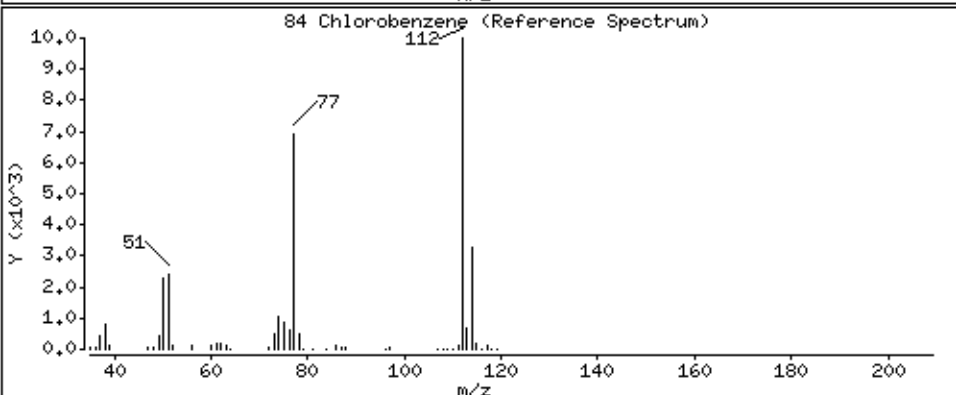
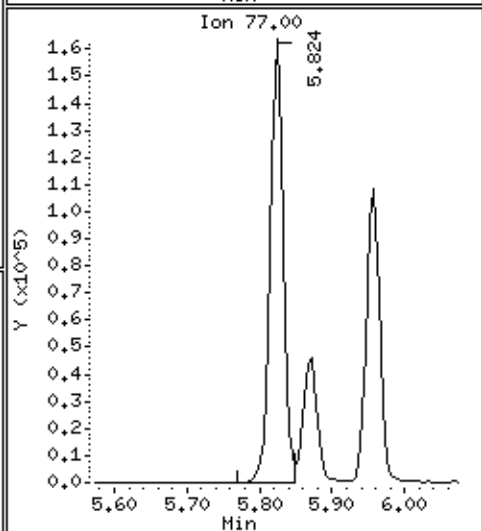
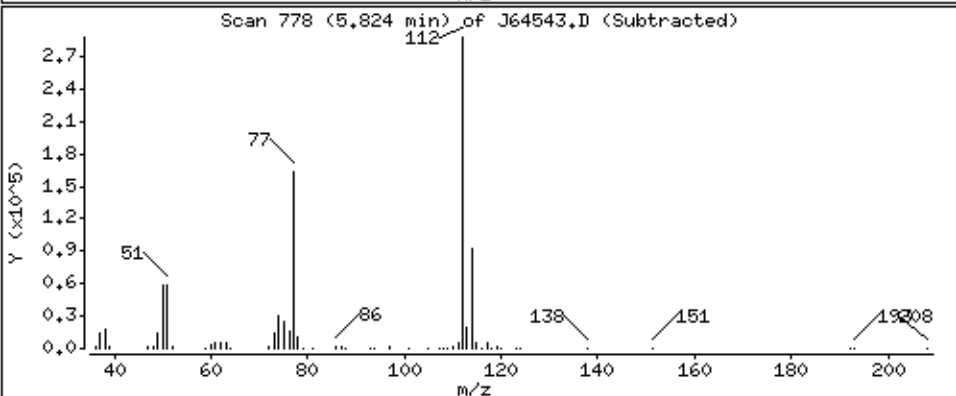
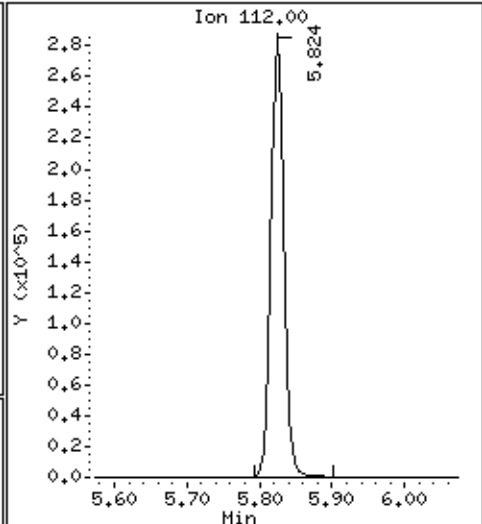
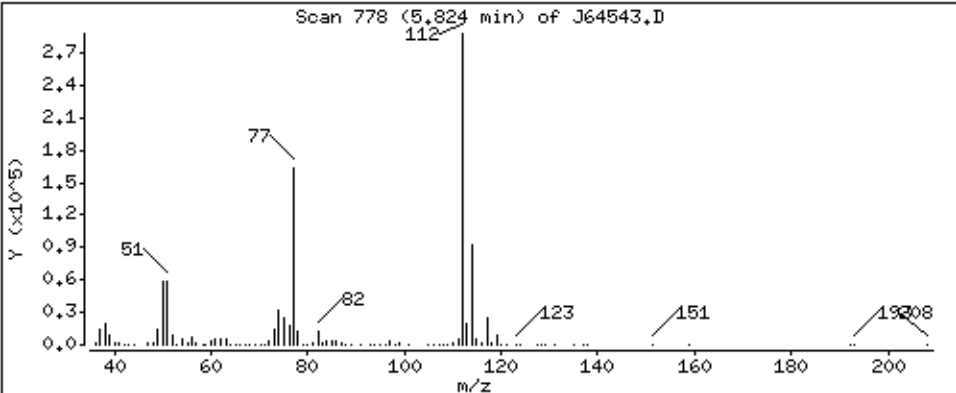
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

82 1,2-Dibromoethane (EDB) Concentration: 49.9 ug/L Review Code:



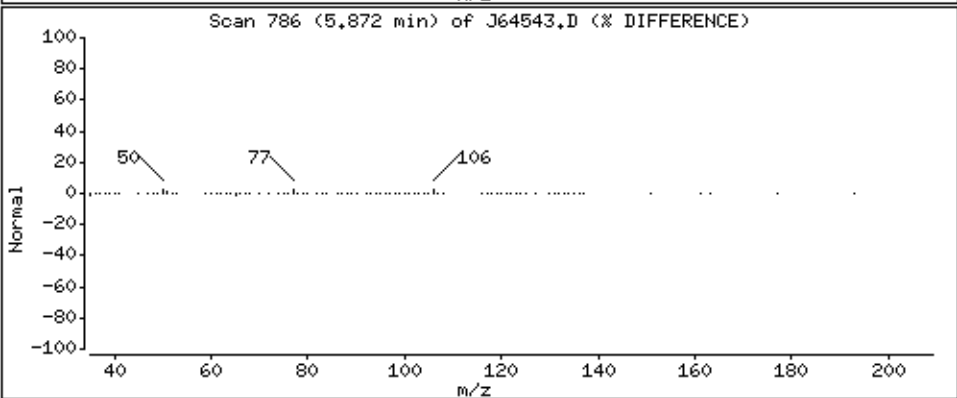
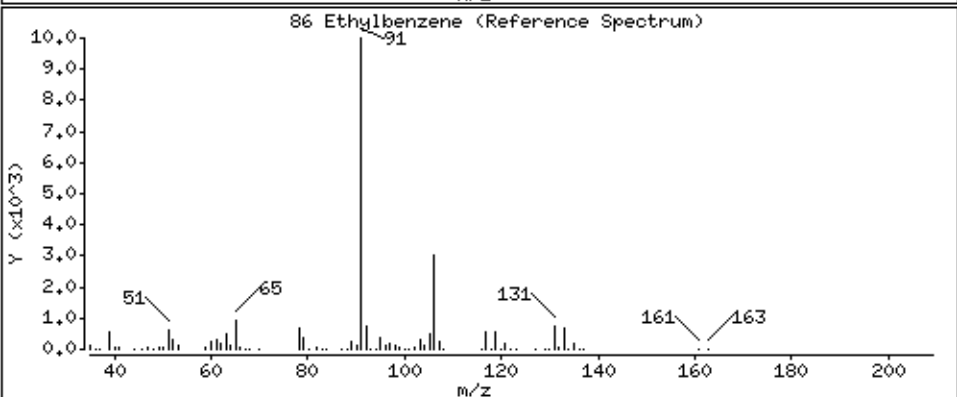
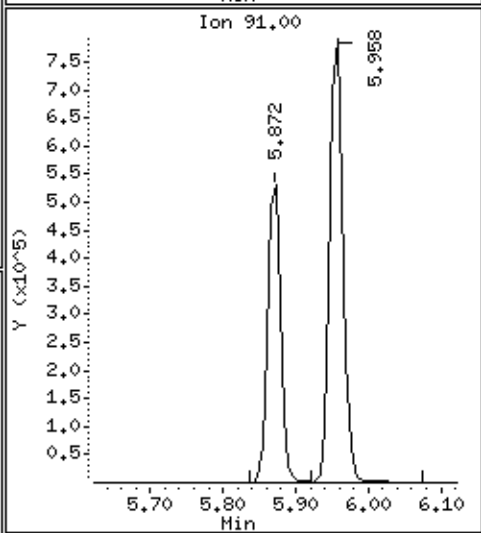
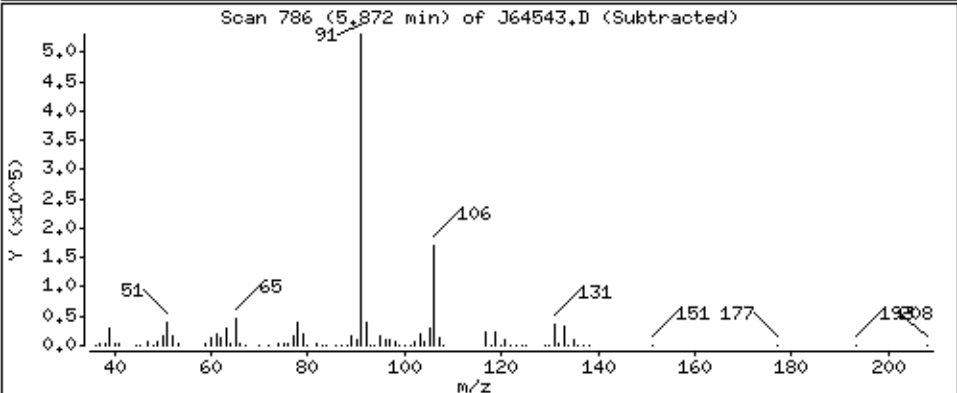
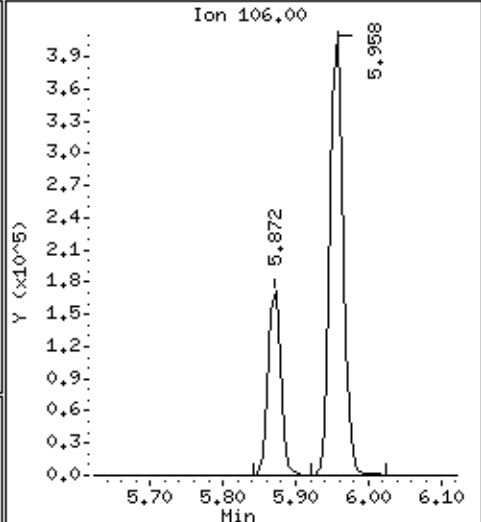
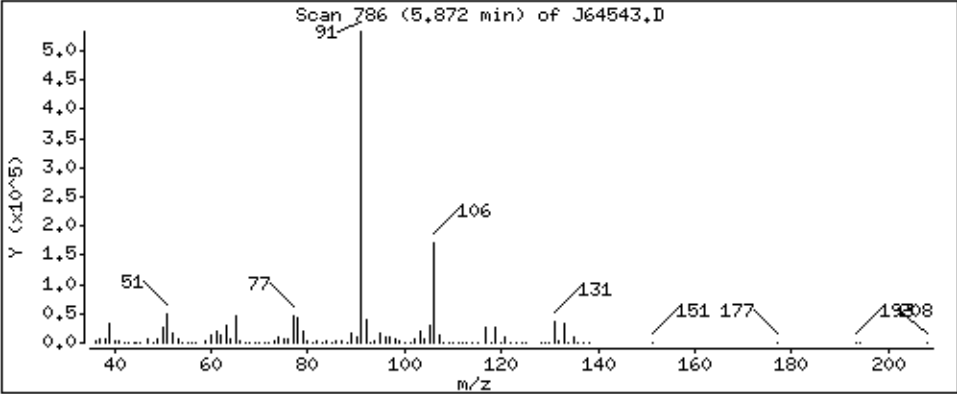
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

84 Chlorobenzene
Concentration: 52.6 ug/L
Review Code:



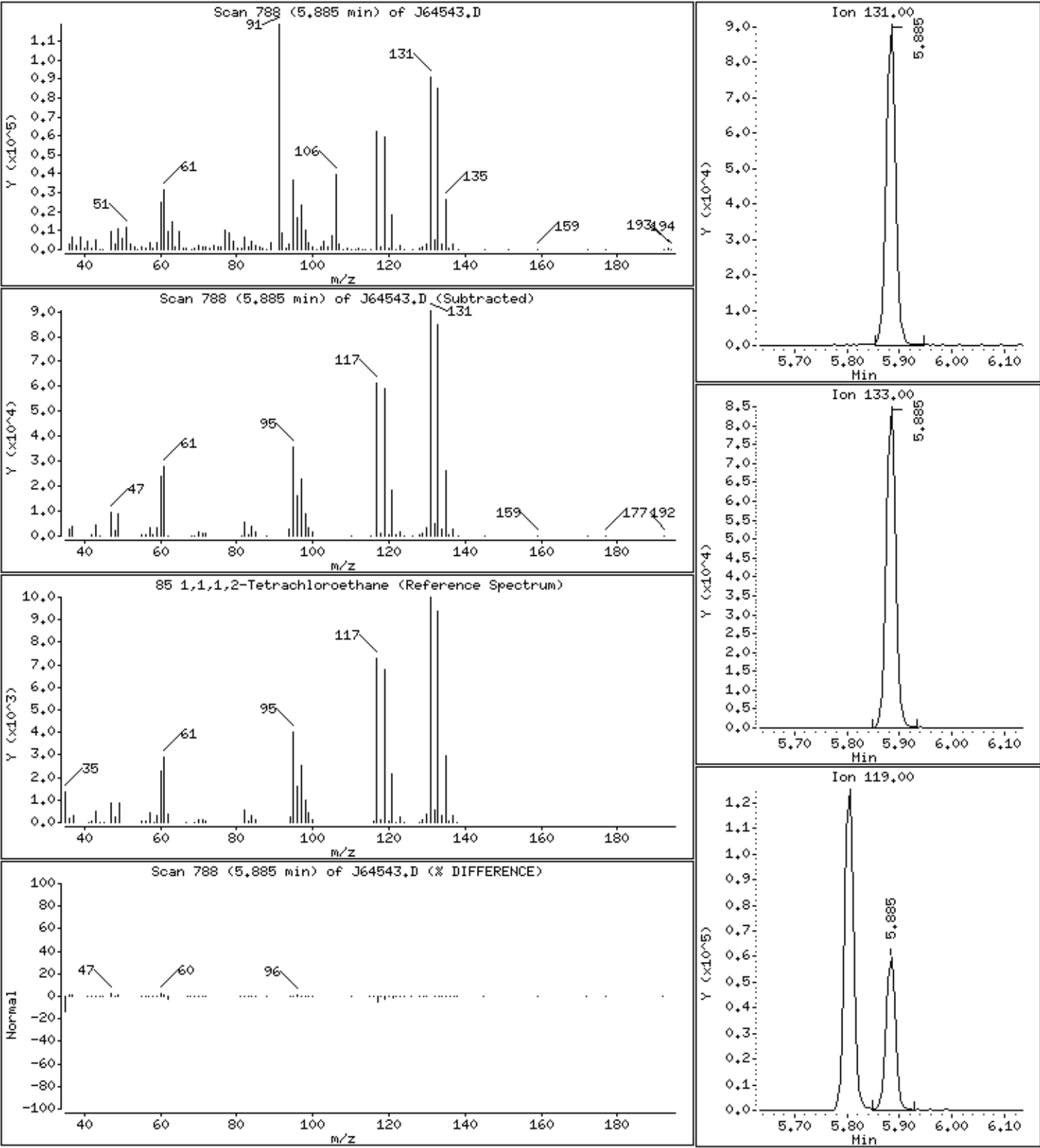
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

86 Ethylbenzene
Concentration: 52.2 ug/L
Review Code:



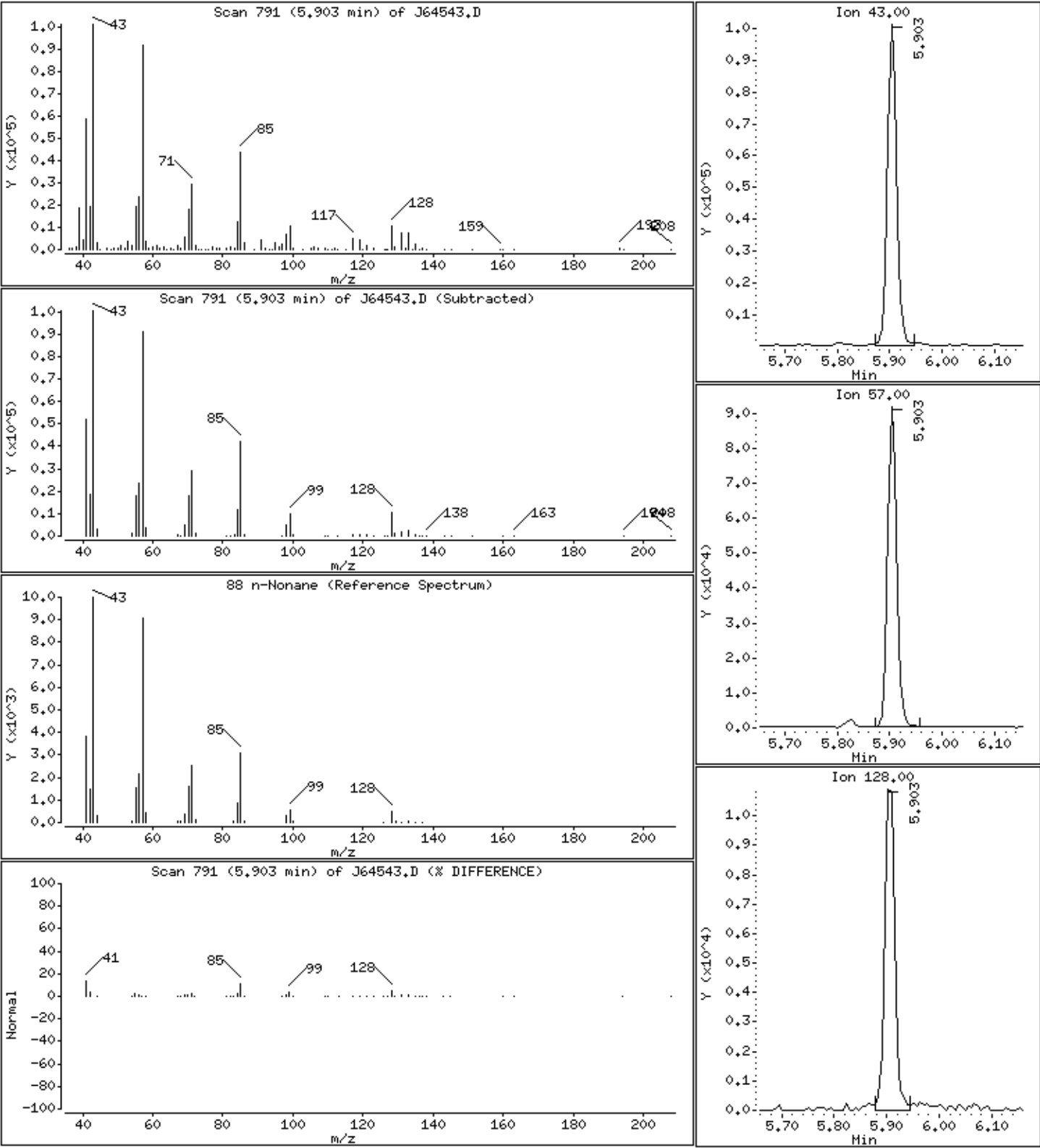
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 50.2 ug/L
Column diameter: 0.18

85 1,1,1,2-Tetrachloroethane
Concentration: 50.2 ug/L
Review Code:

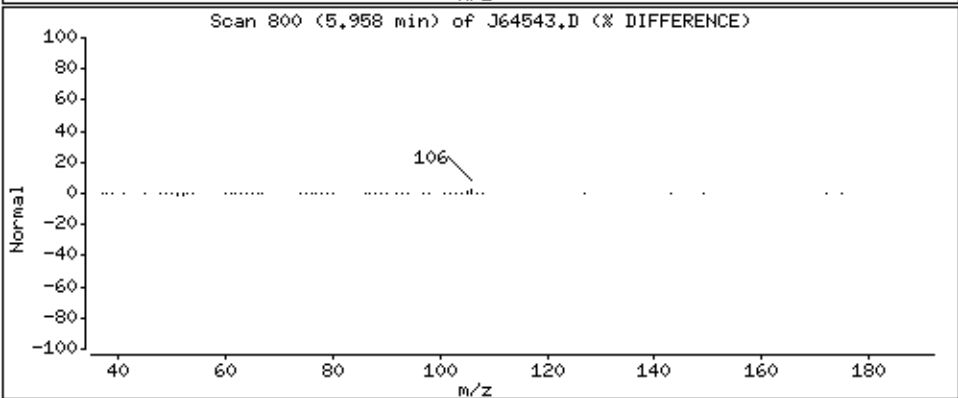
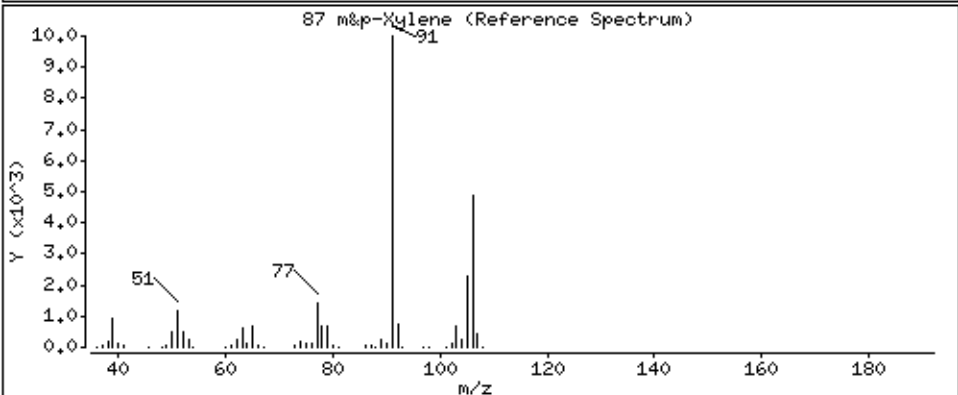
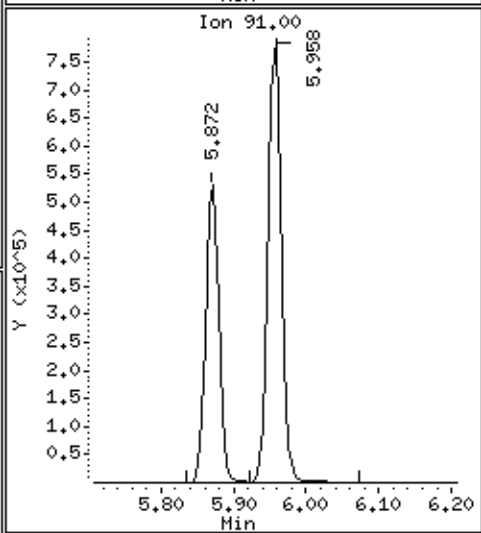
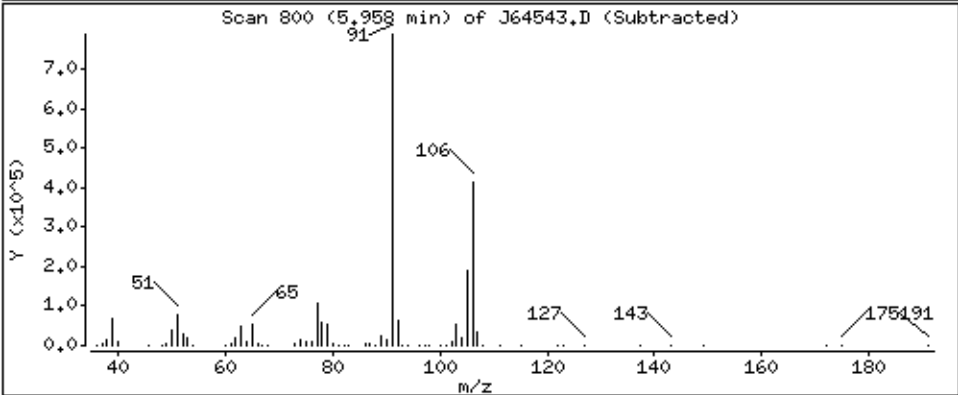
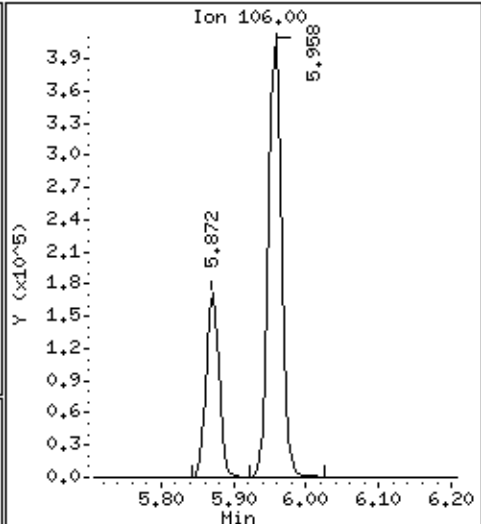
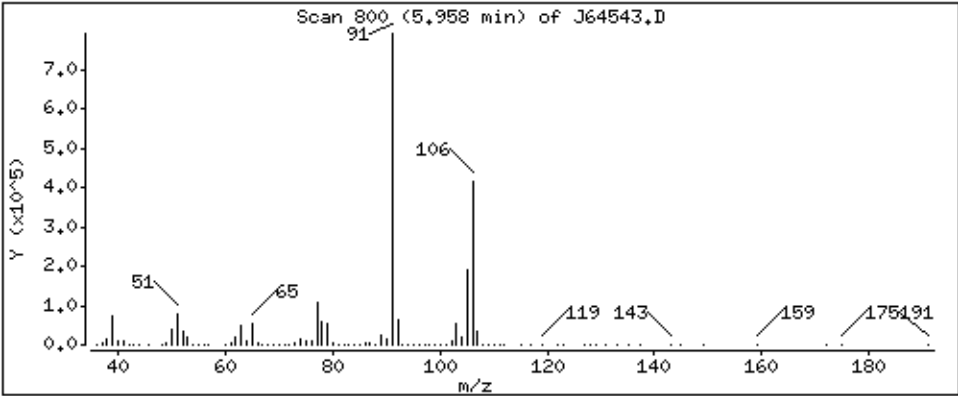


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

88 n-Nonane Concentration: 45,8 ug/L Review Code:

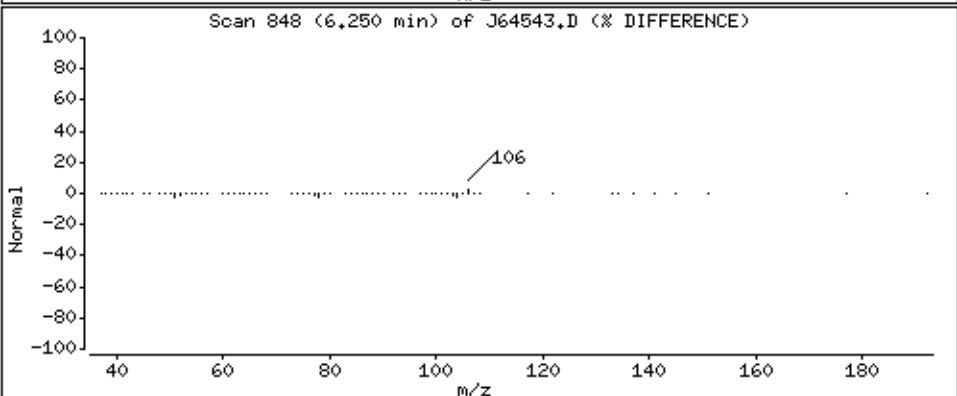
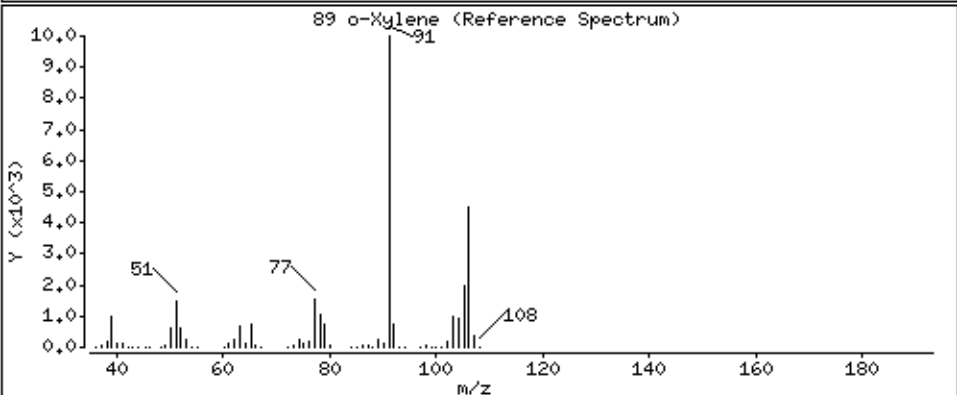
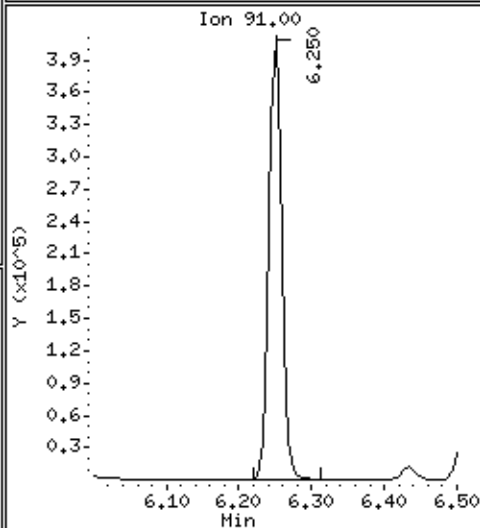
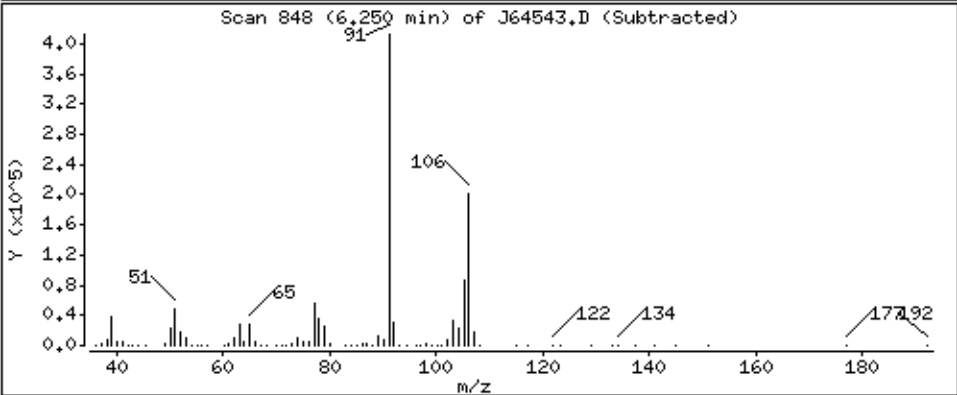
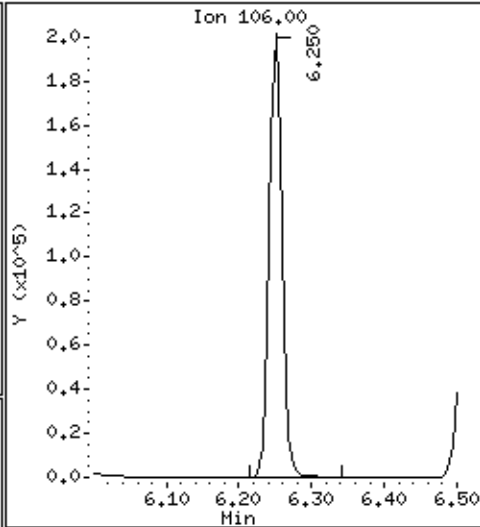
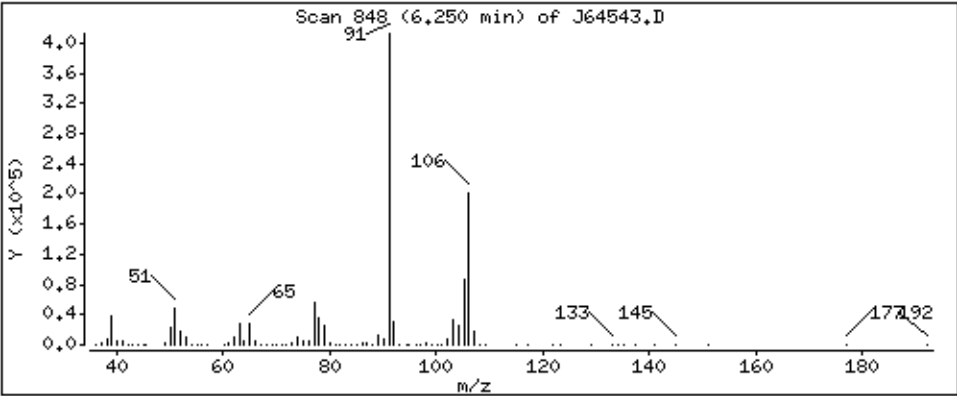


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 106 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

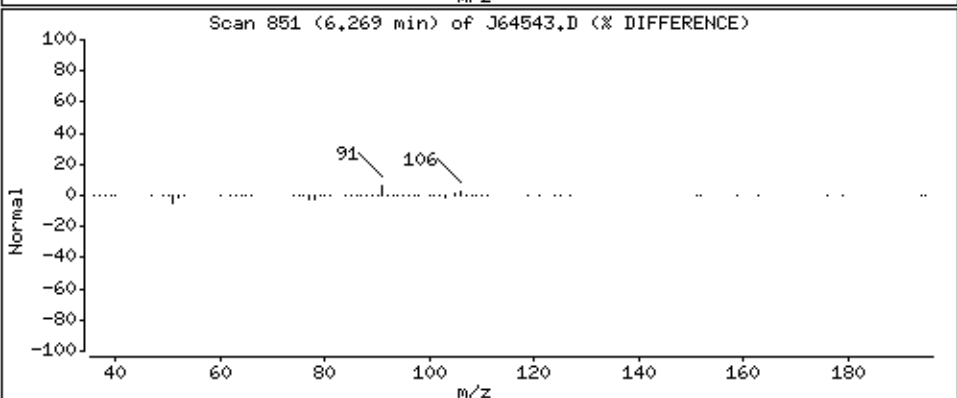
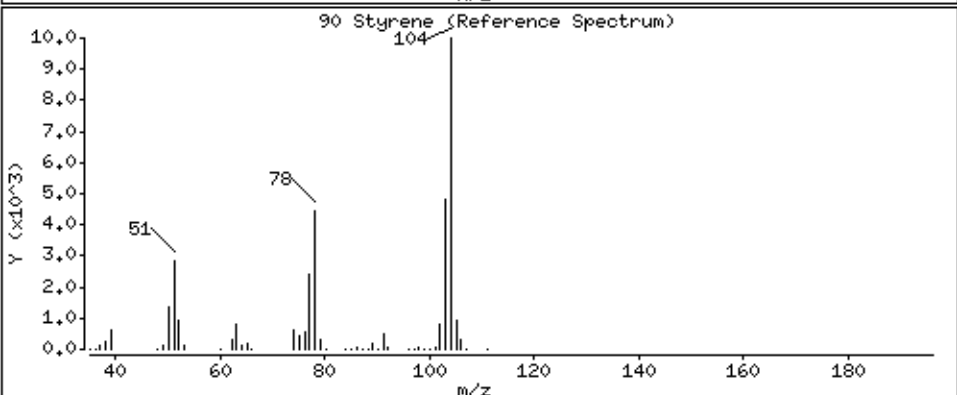
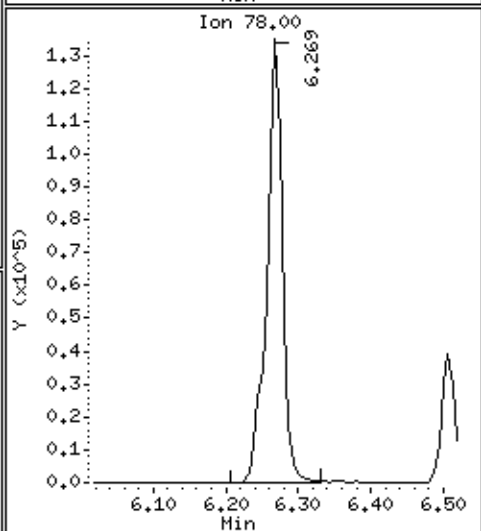
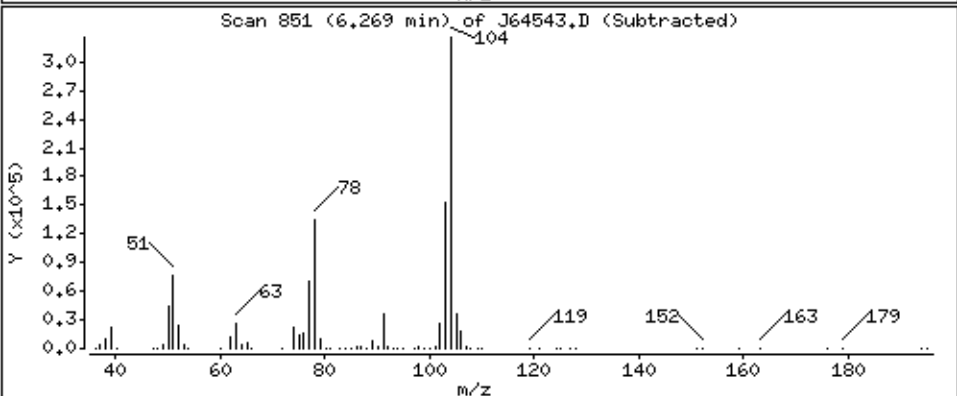
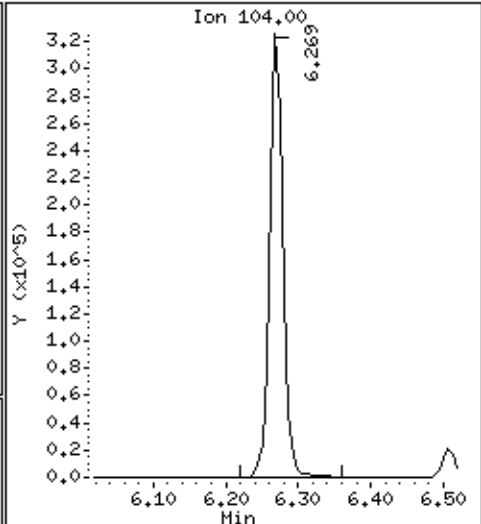
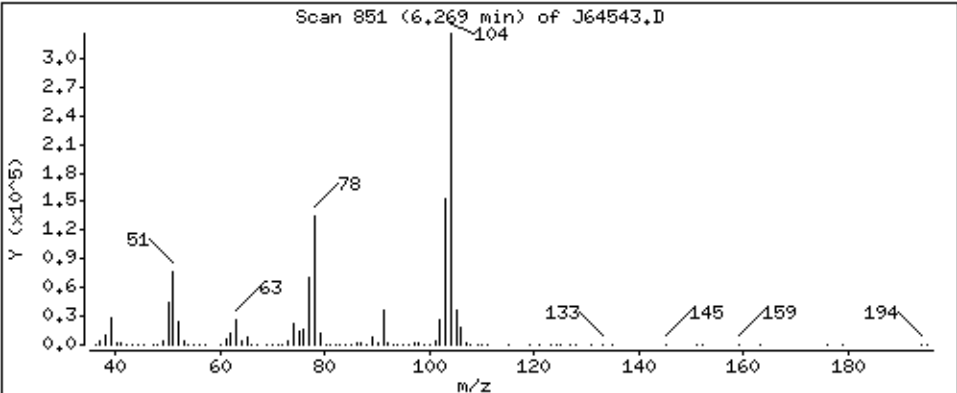
89 o-Xylene Concentration: 52.1 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 52.8 ug/L

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

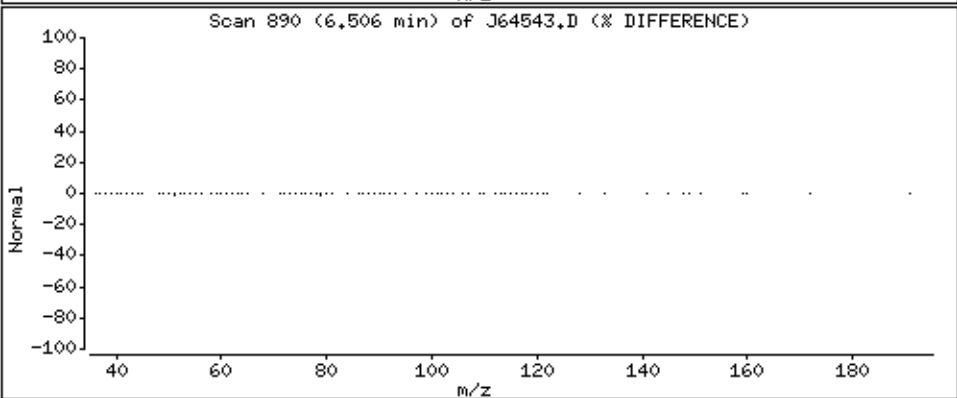
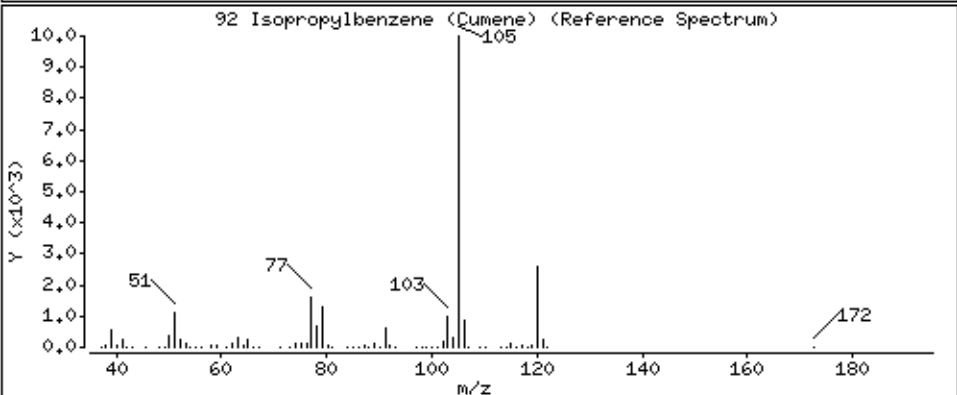
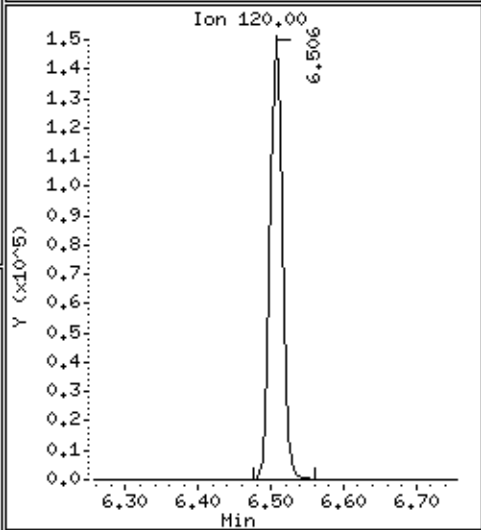
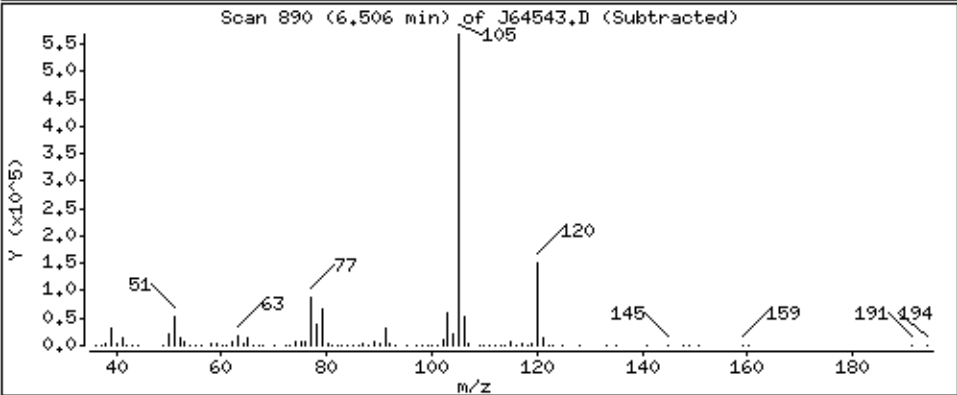
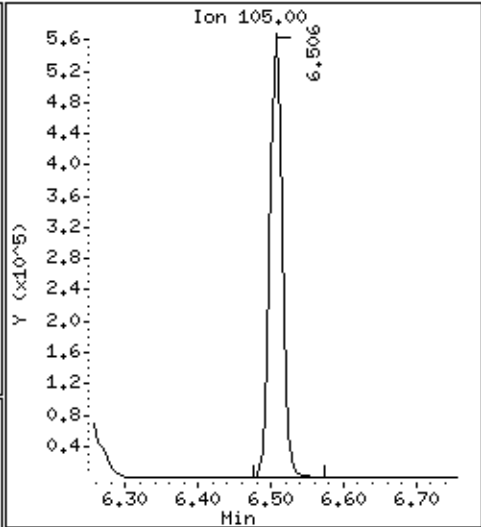
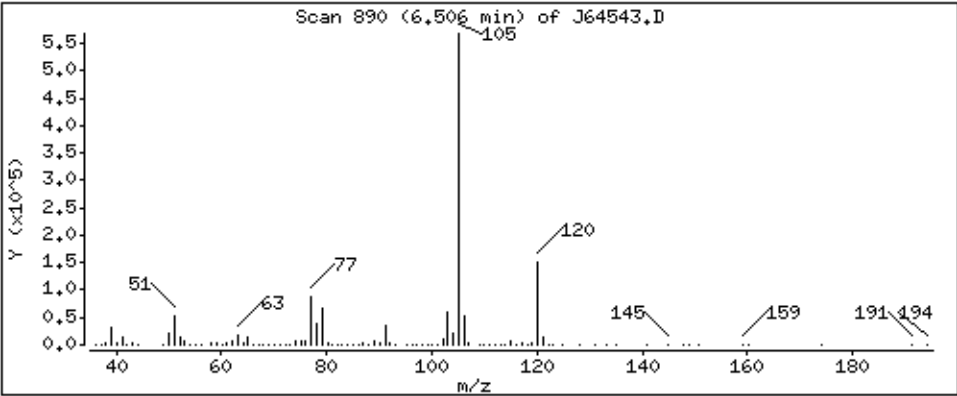
90 Styrene
Review Code:



Review Code:

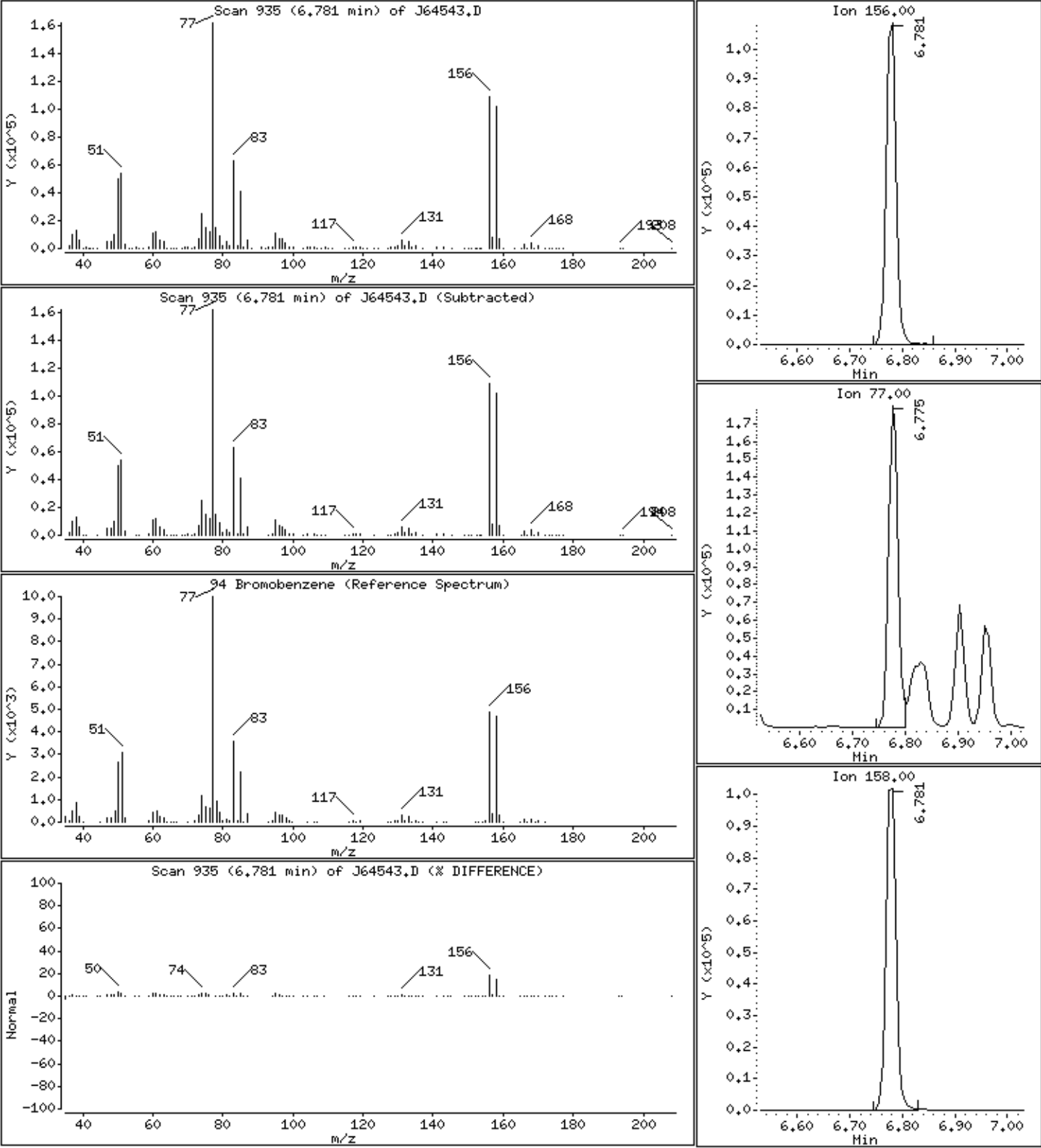
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

92 Isopropylbenzene (Cumene) Concentration: 49.9 ug/L Review Code:



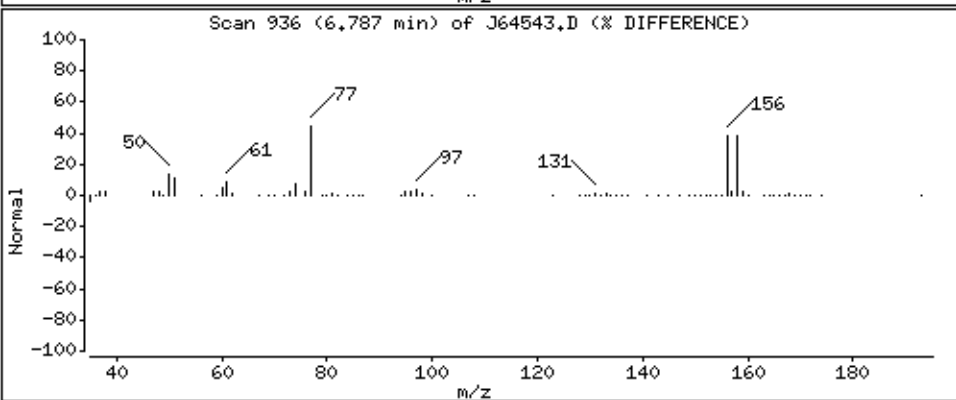
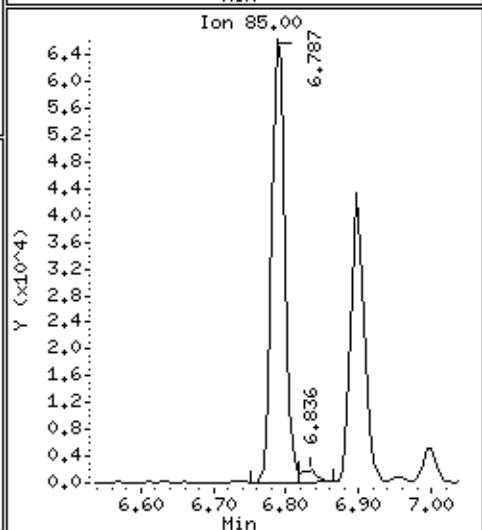
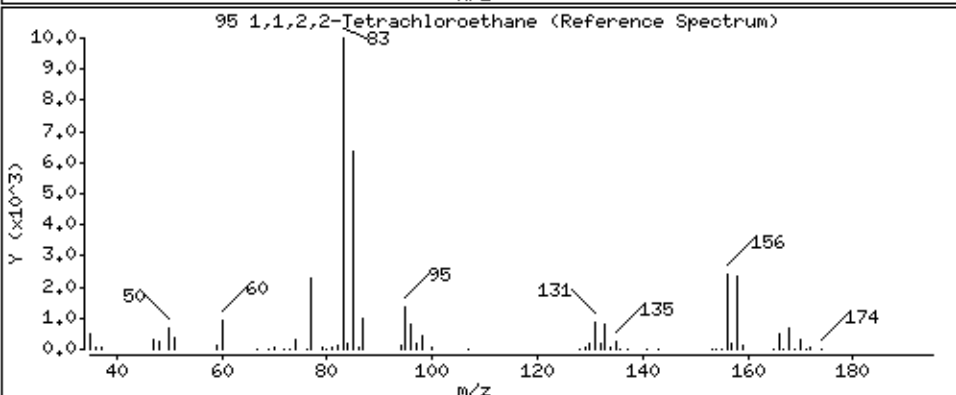
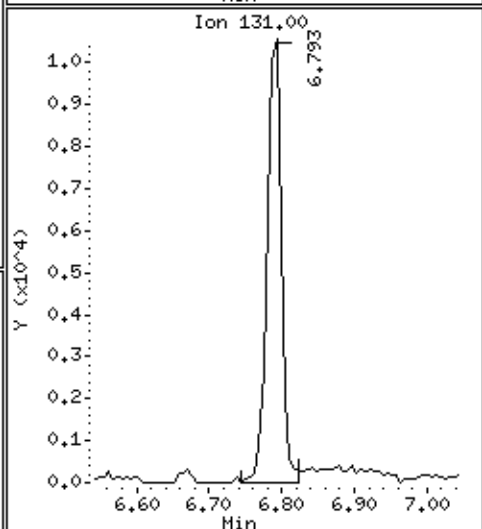
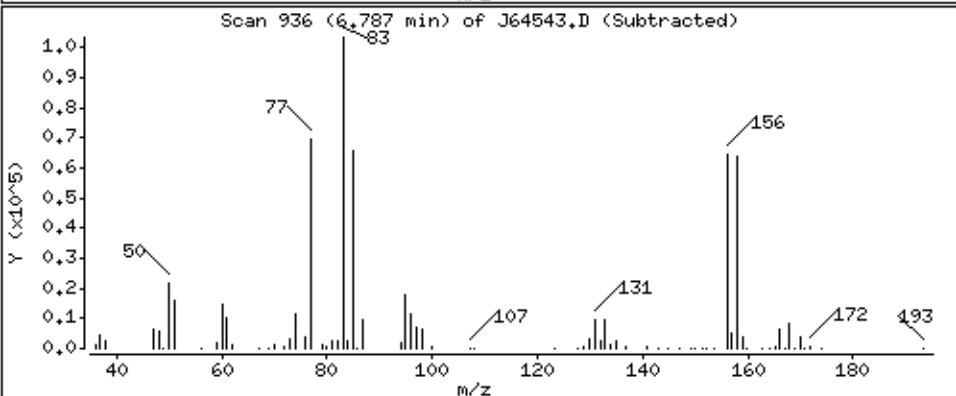
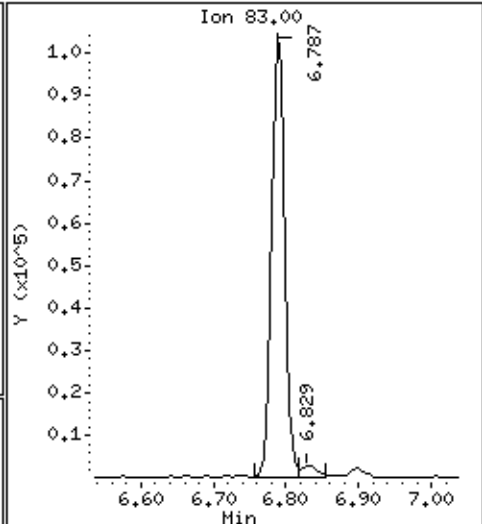
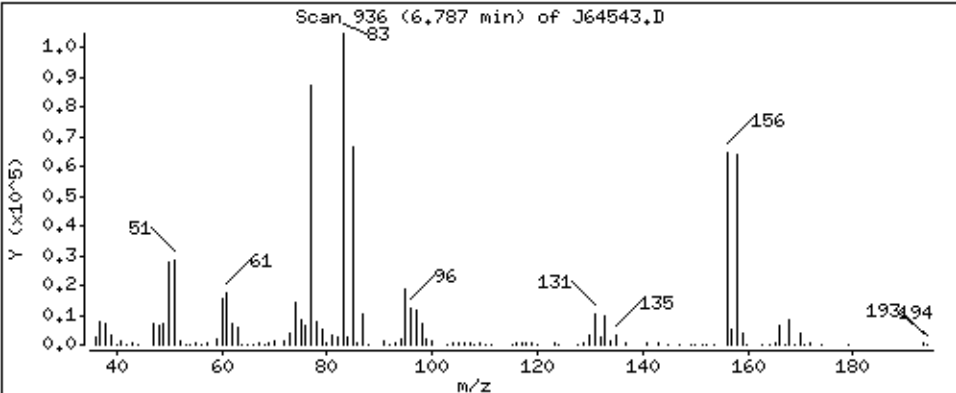
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

94 Bromobenzene
Concentration: 48.6 ug/L
Review Code:

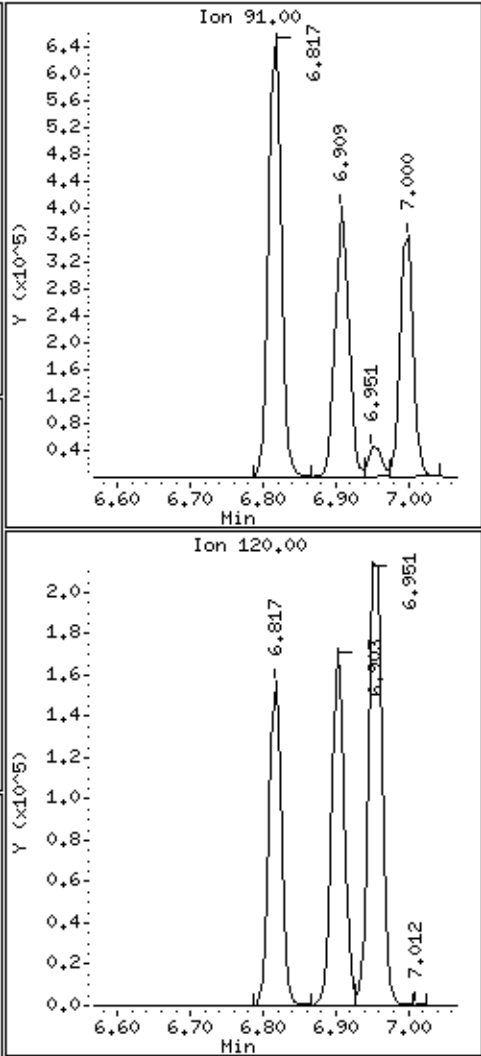
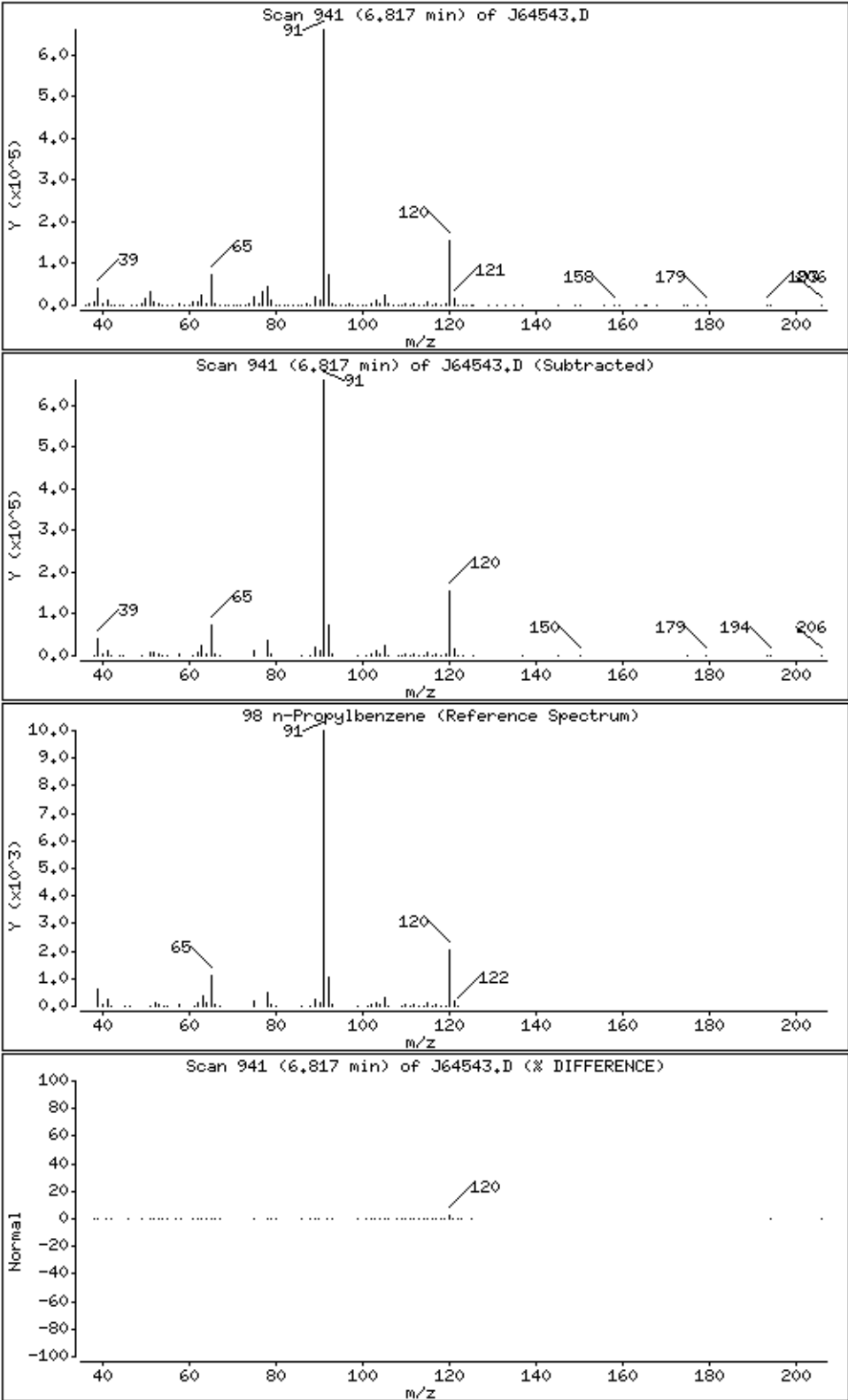


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

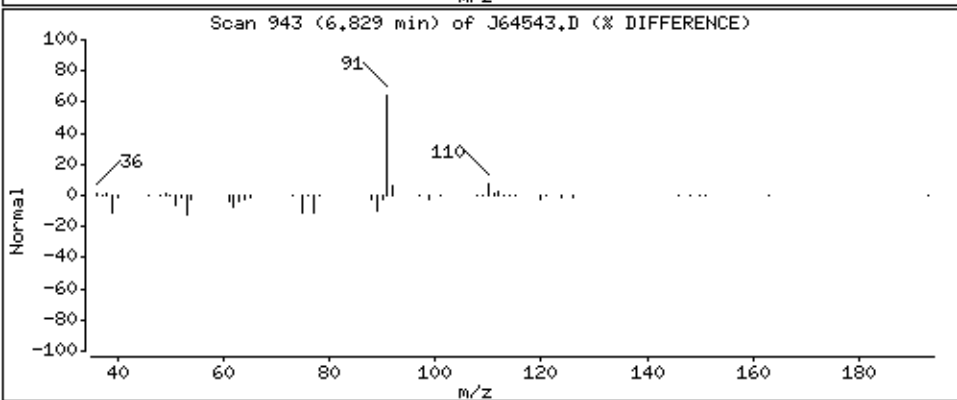
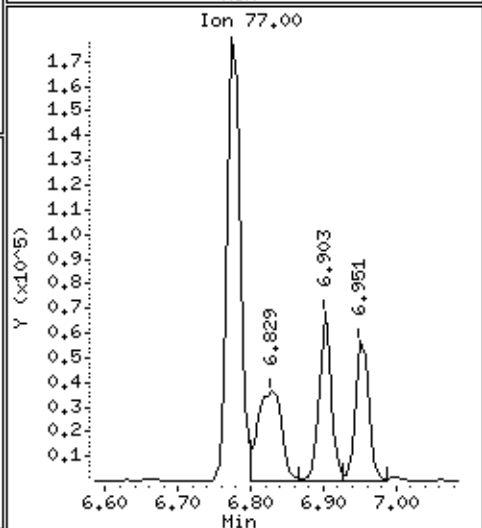
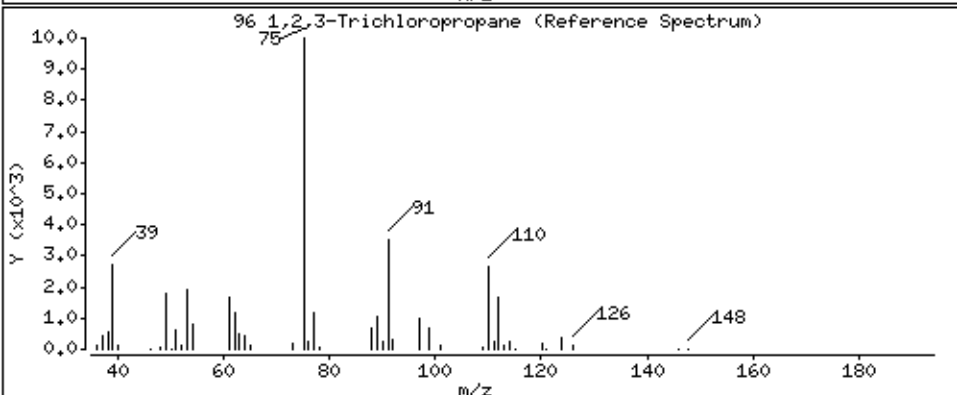
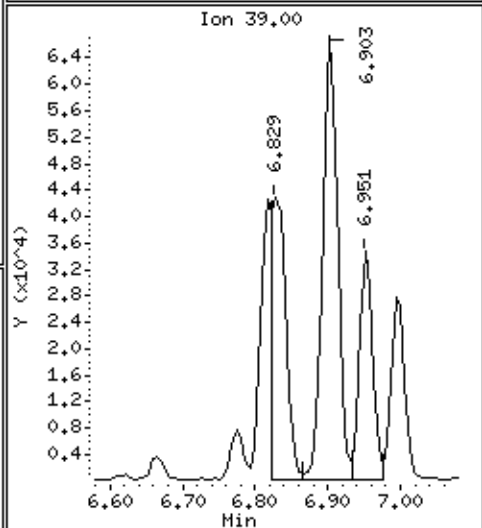
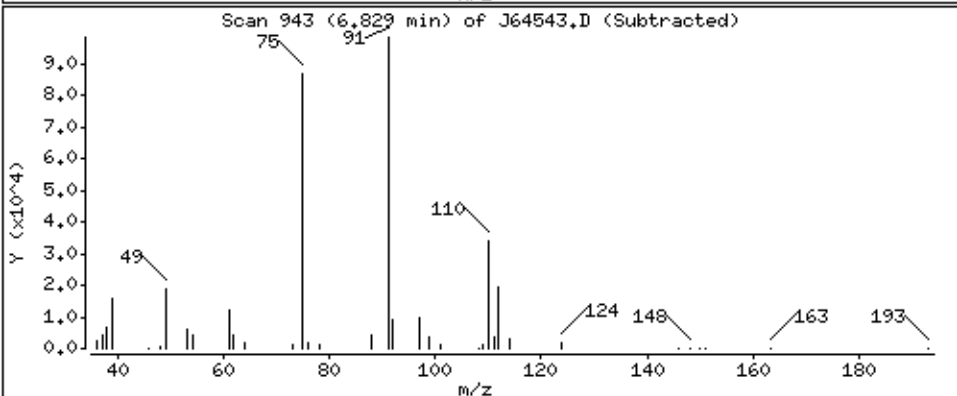
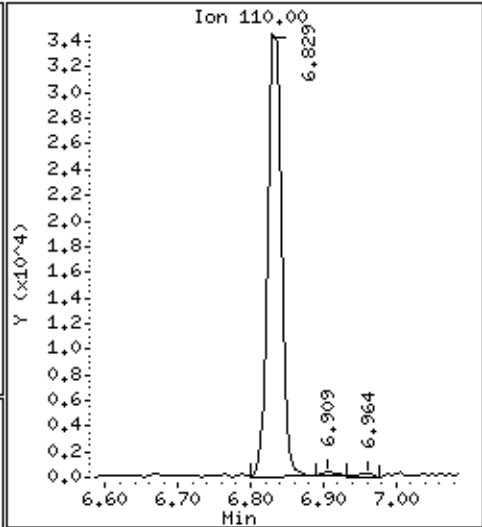
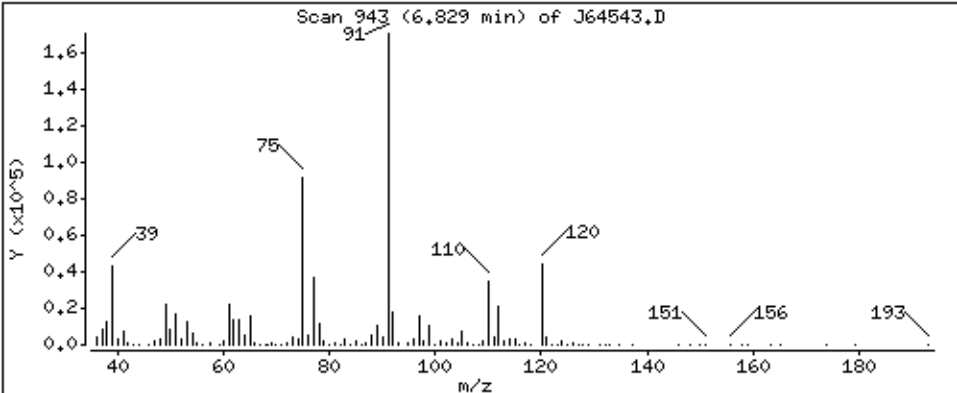
95 1,1,2,2-Tetrachloroethane Concentration: 42.2 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 50.9 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

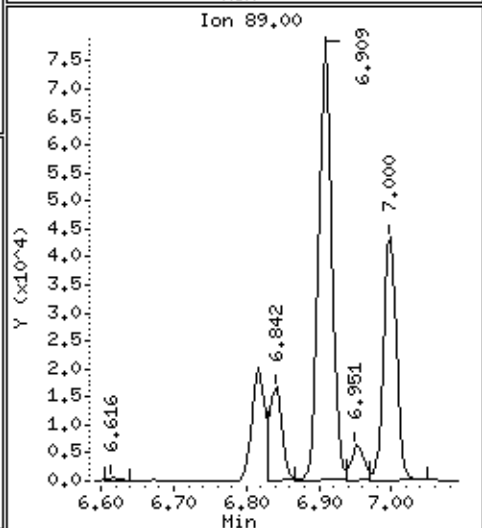
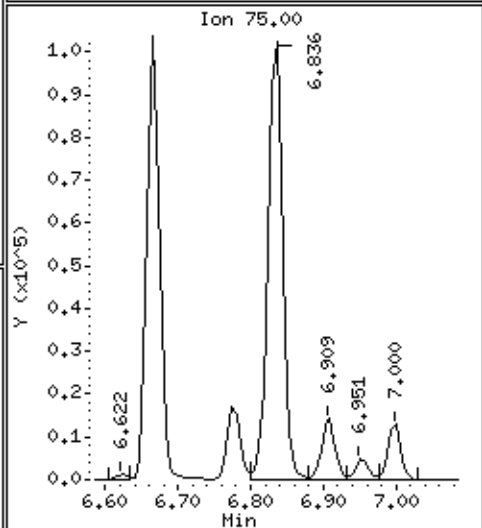
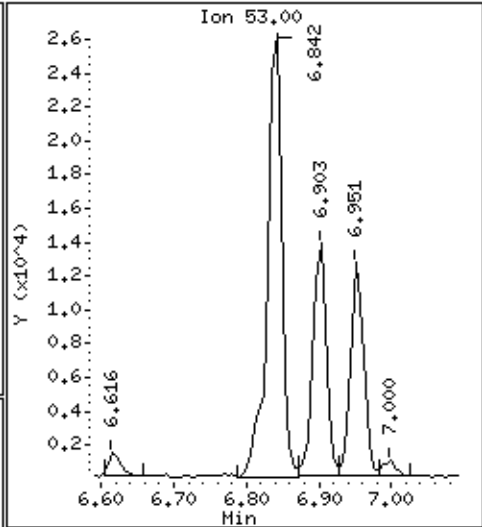
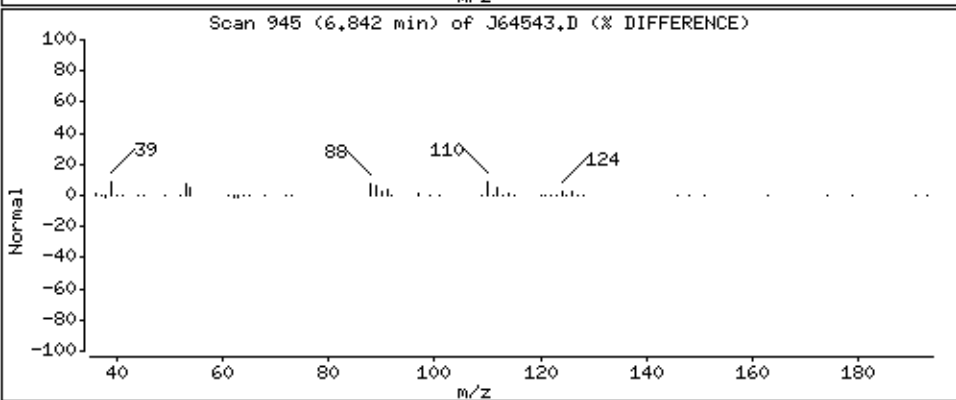
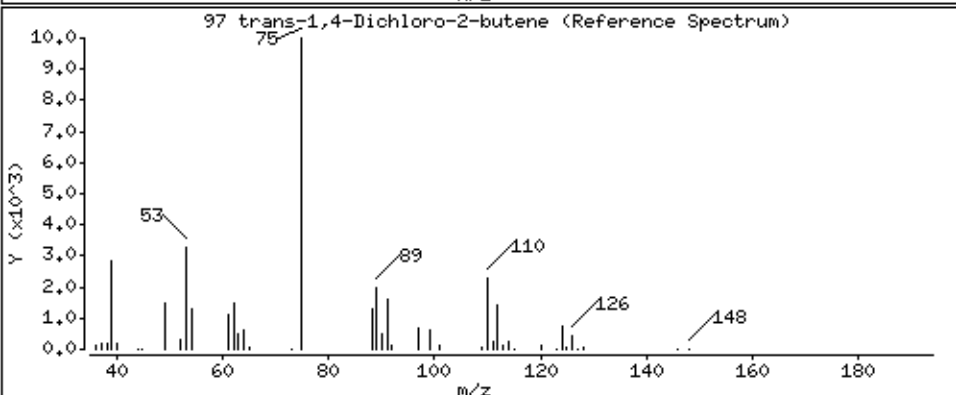
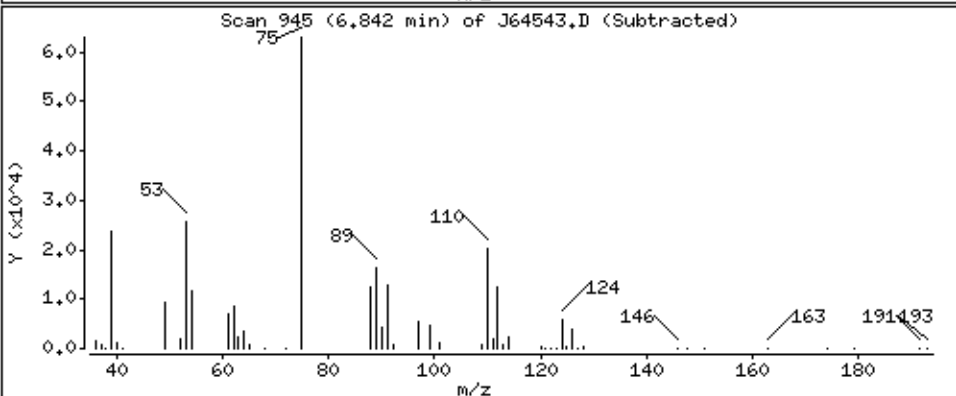
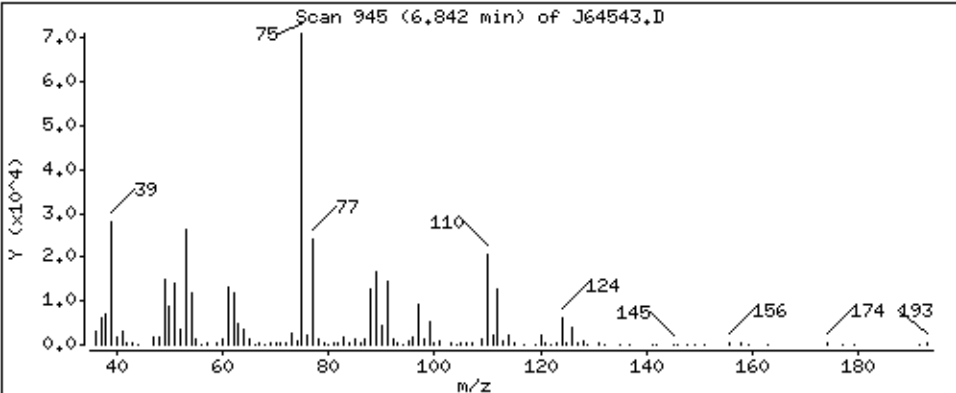


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 44.4 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



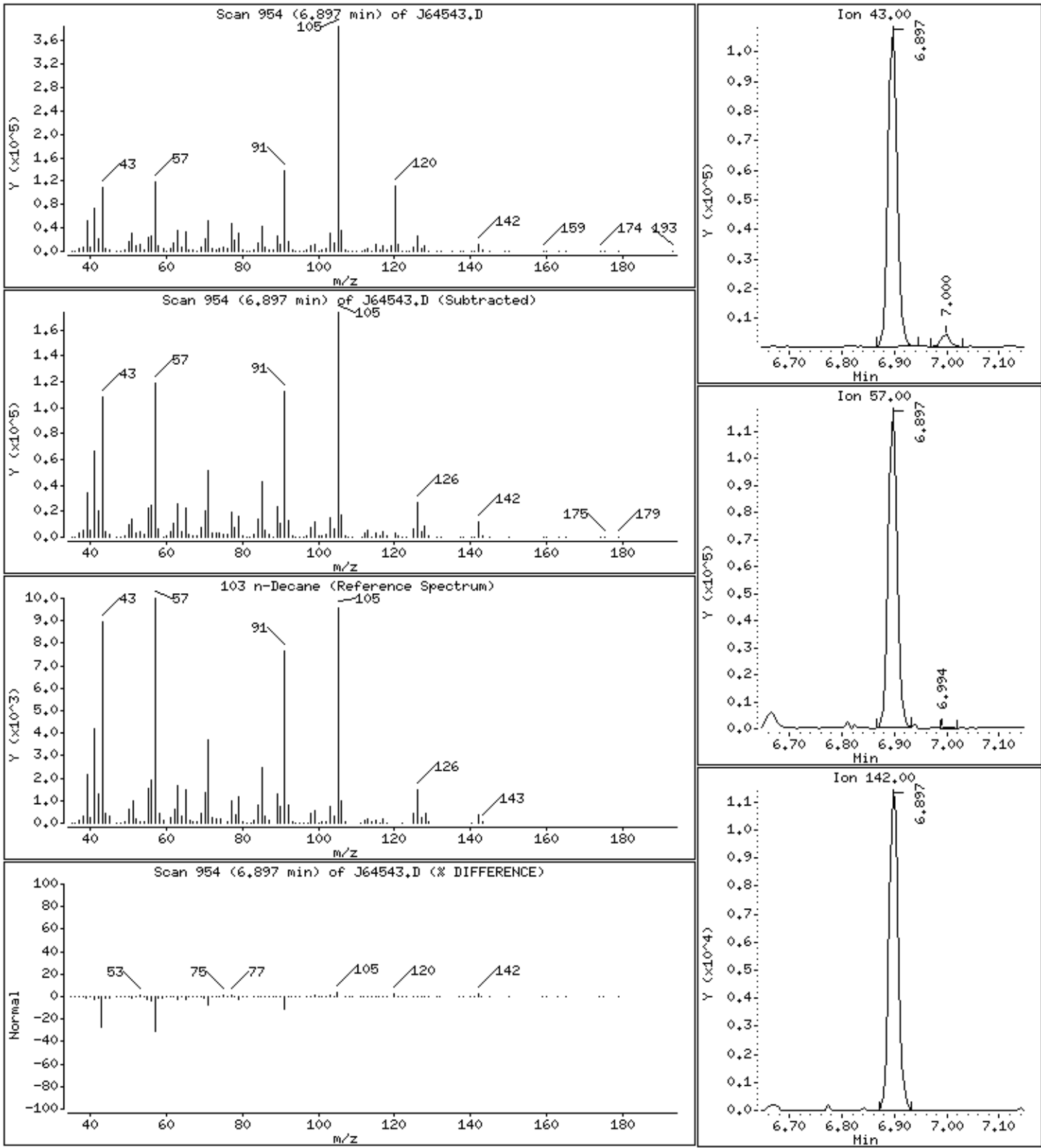
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 41.4 ug/L
Column diameter: 0.18

97 trans-1,4-Dichloro-2-butene
Concentration: 41.4 ug/L
Review Code:



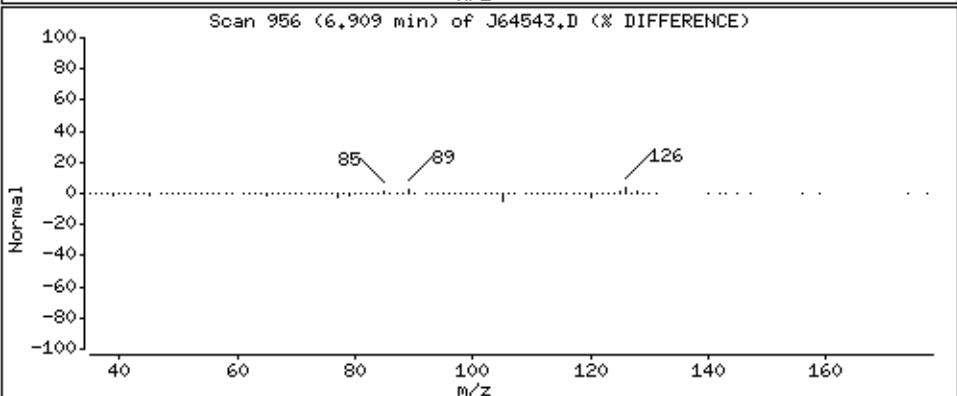
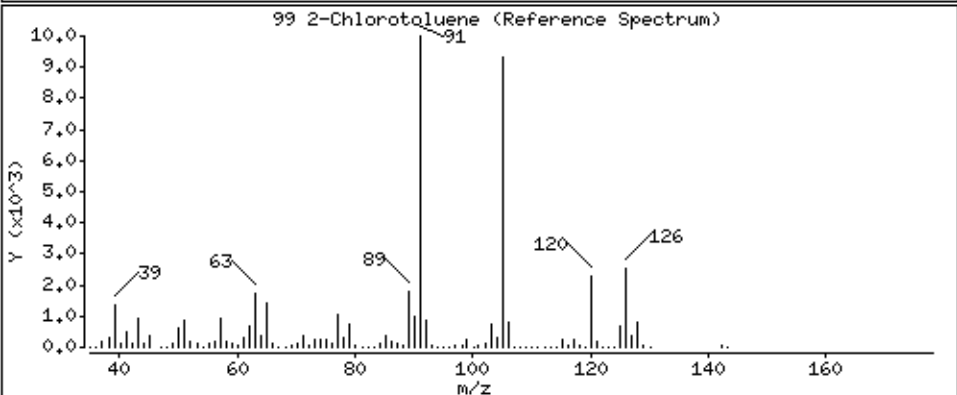
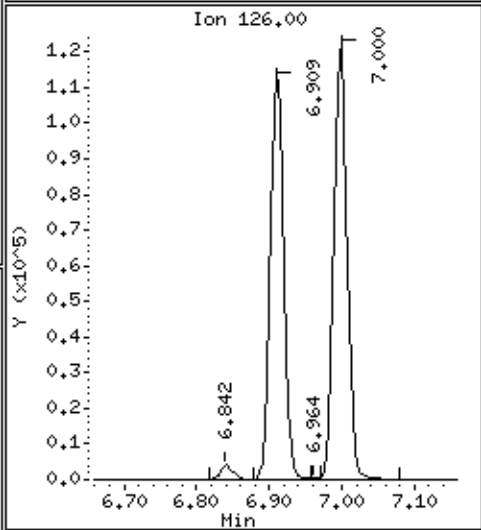
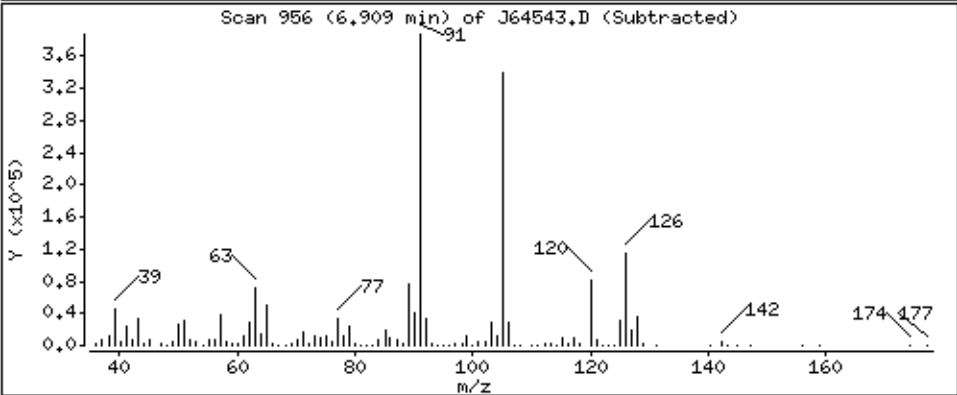
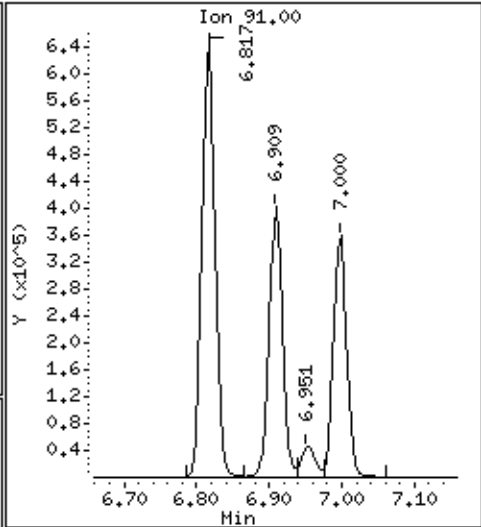
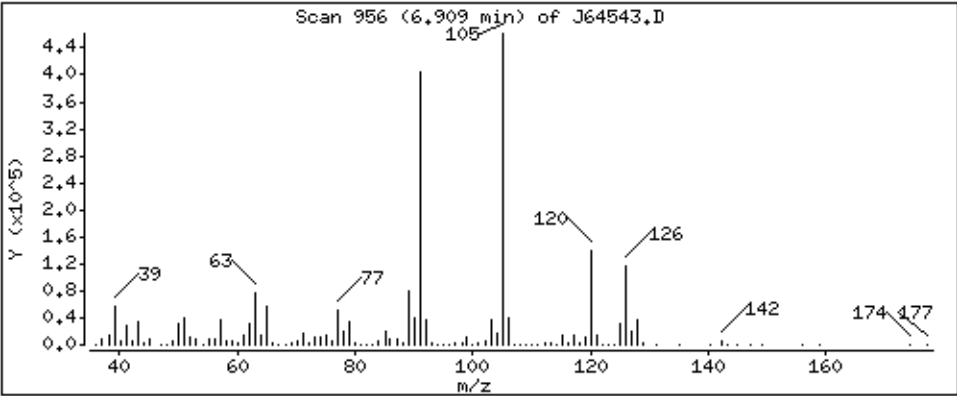
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

103 n-Decane
Concentration: 66,4 ug/L
Review Code:



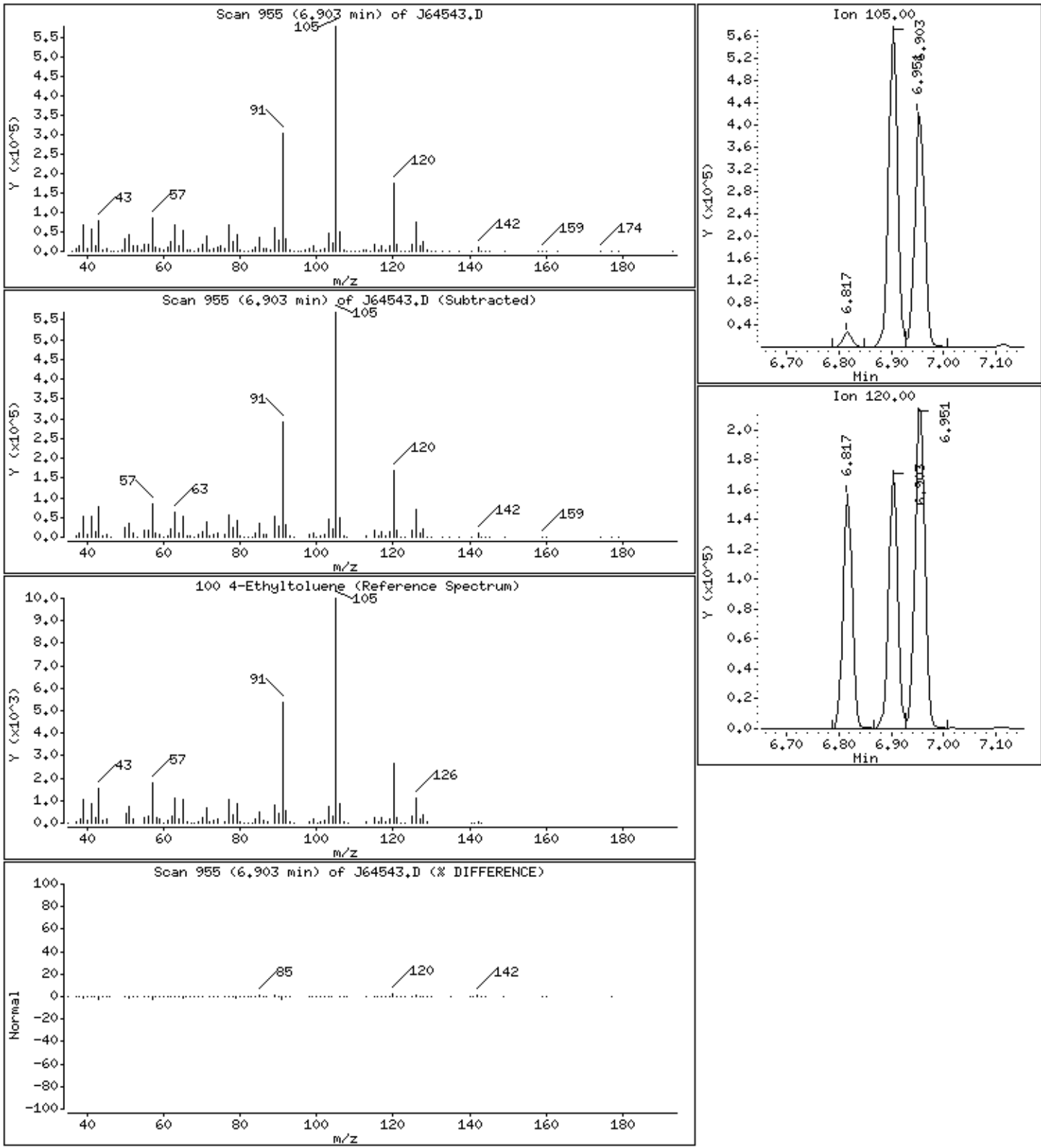
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

99 2-Chlorotoluene Concentration: 48,3 ug/L Review Code:



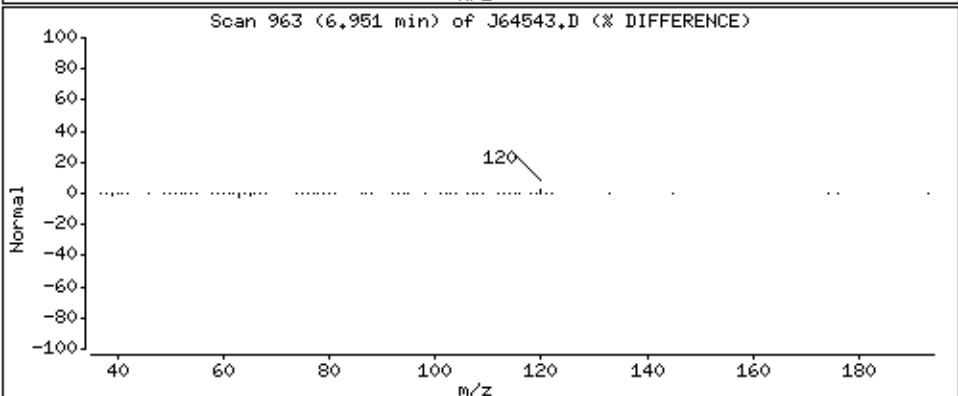
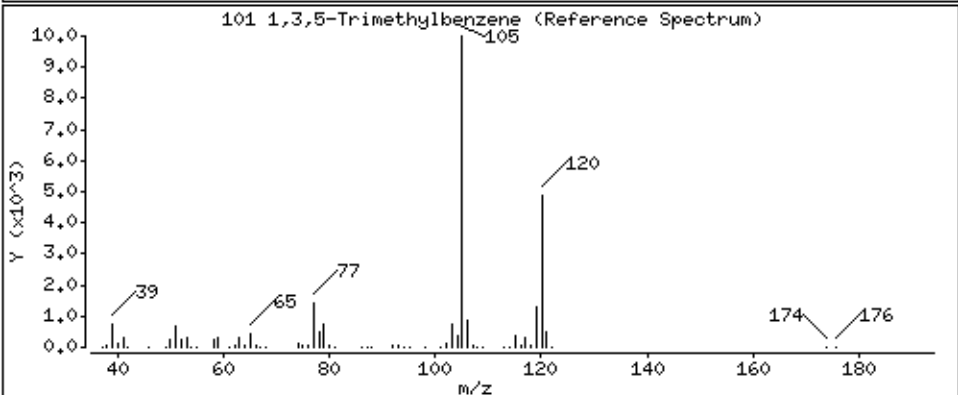
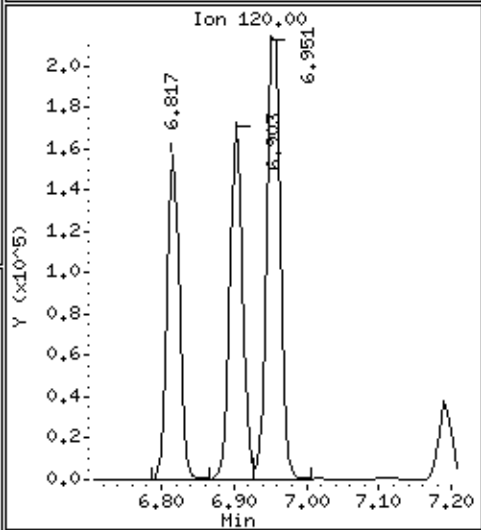
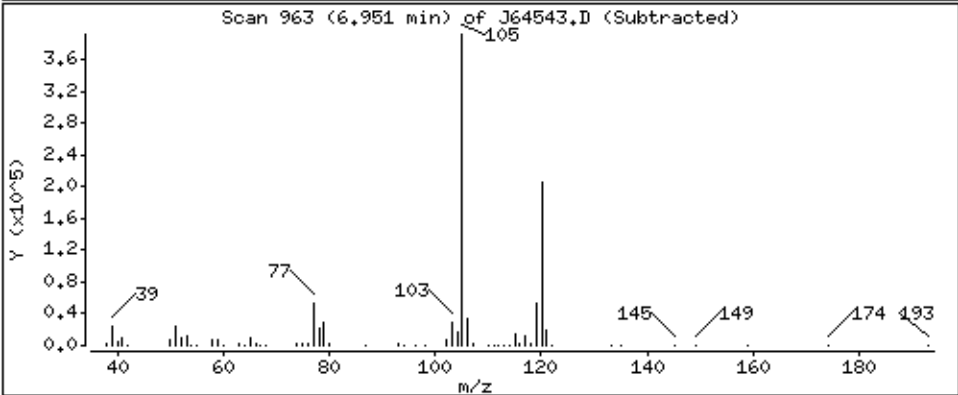
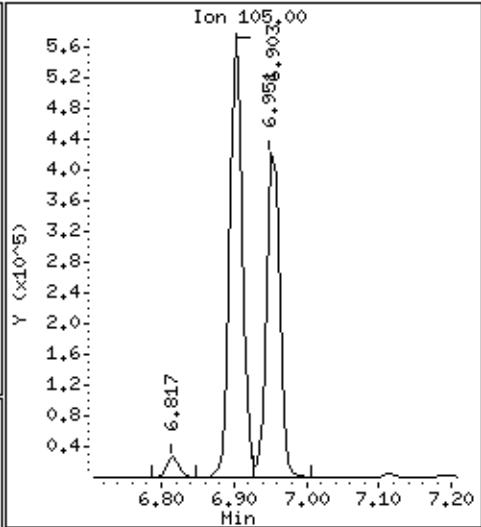
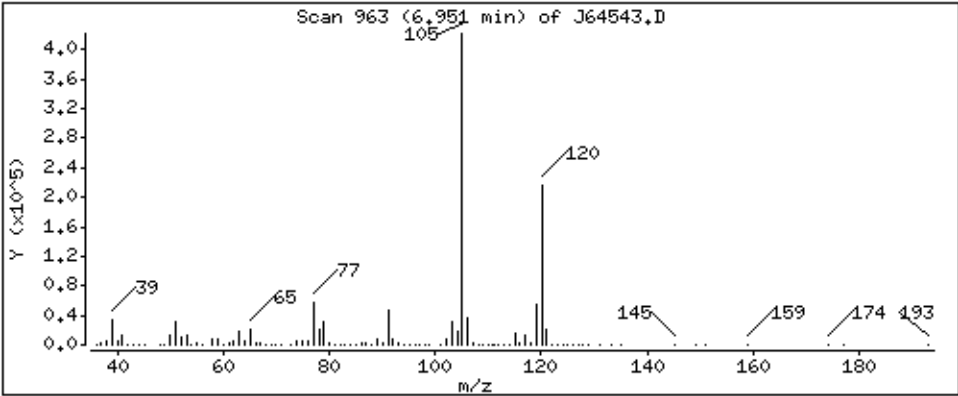
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

100 4-Ethyltoluene
Concentration: 51.3 ug/L
Review Code:



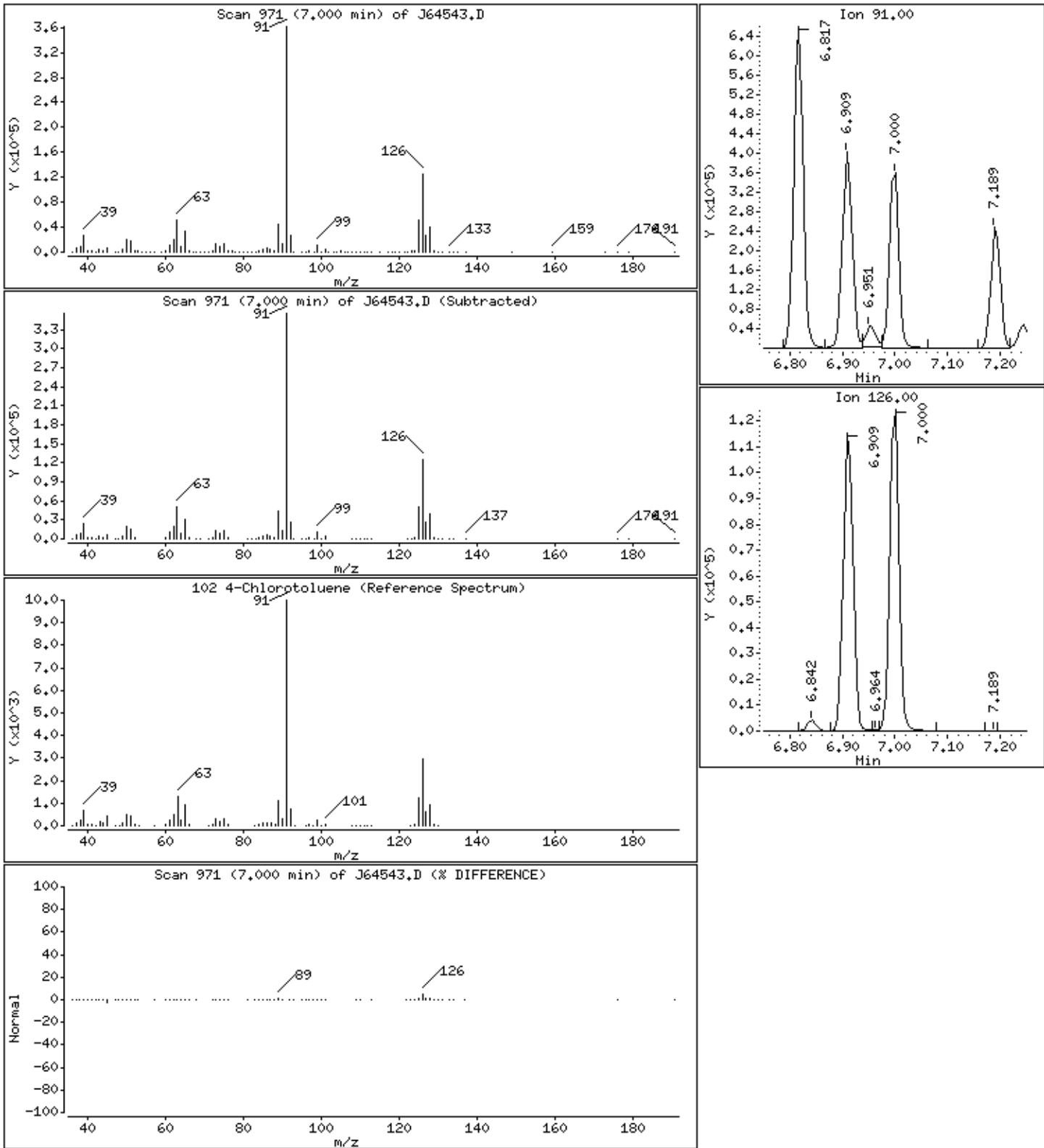
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

101 1,3,5-Trimethylbenzene Concentration: 49.5 ug/L Review Code:



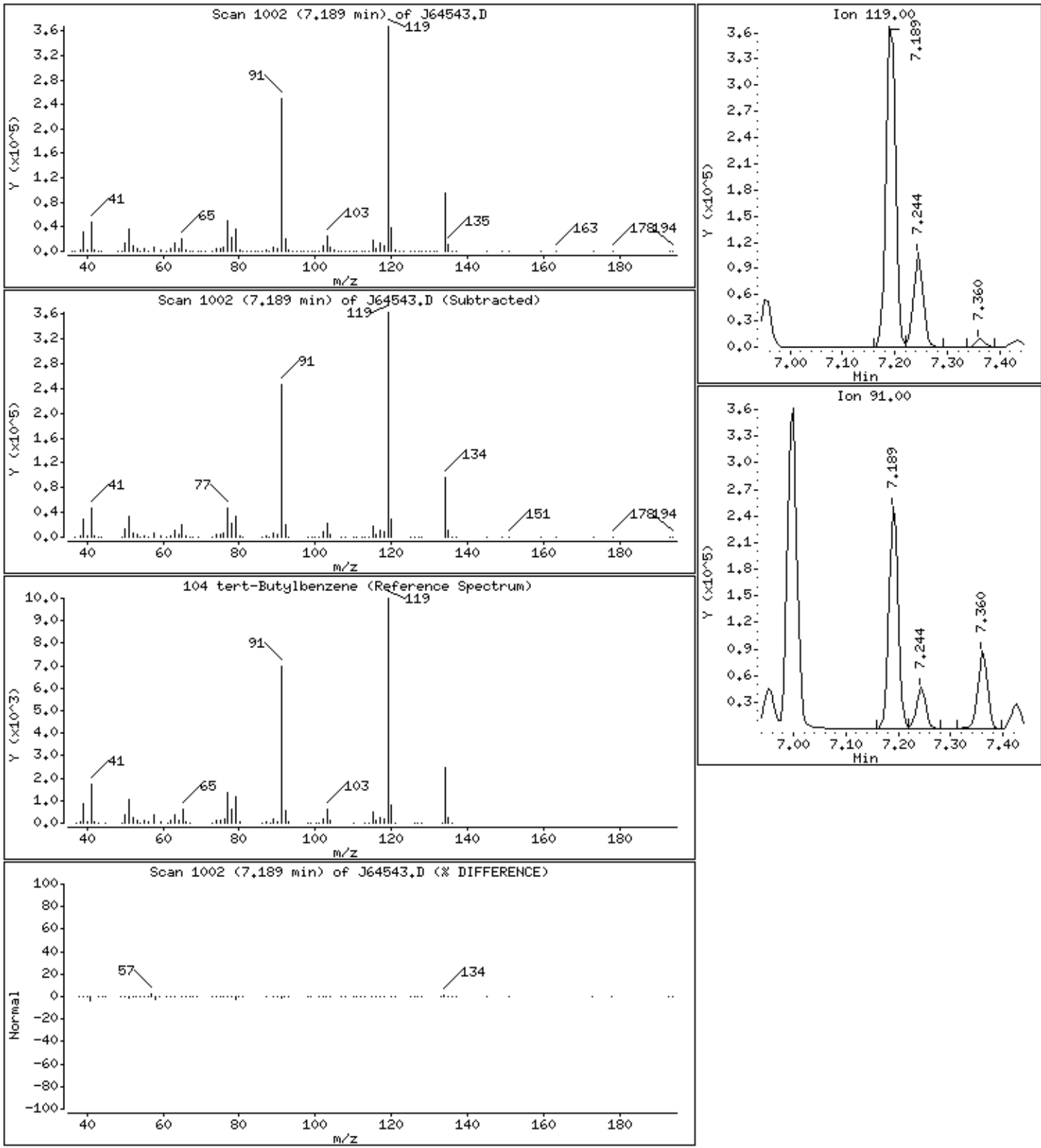
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

102 4-Chlorotoluene
Concentration: 47.0 ug/L
Review Code:

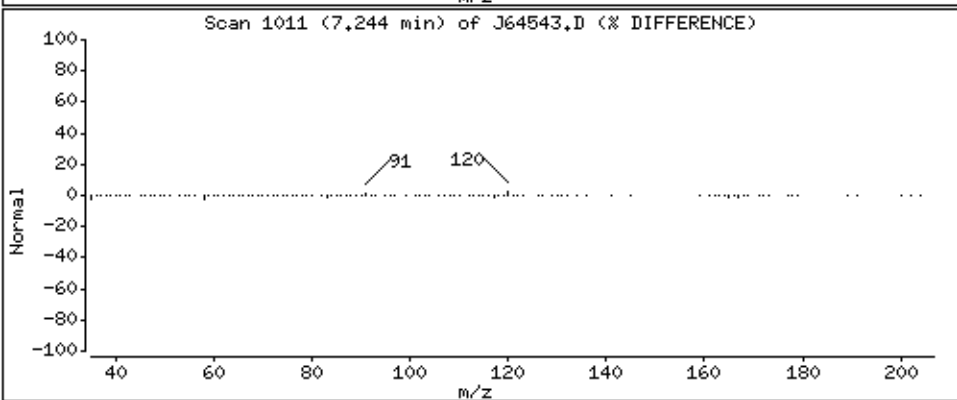
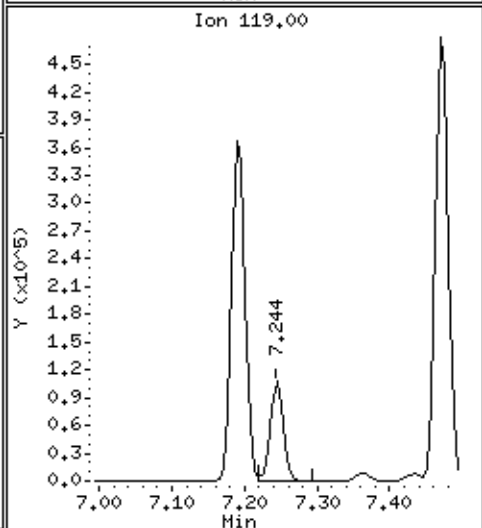
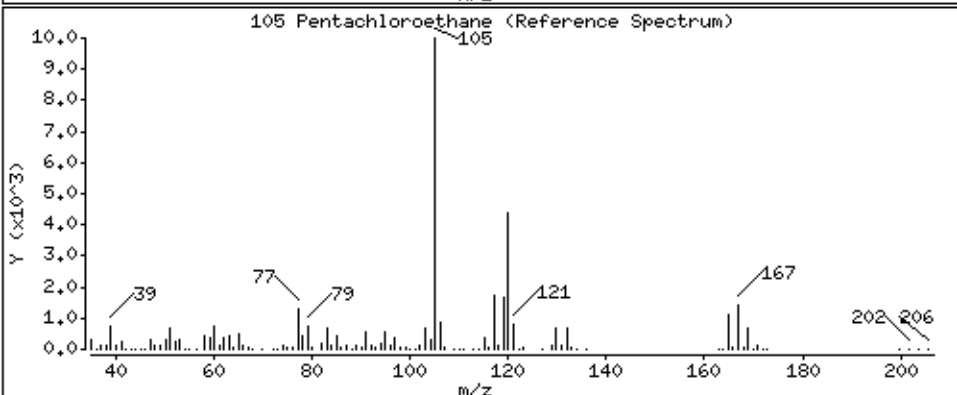
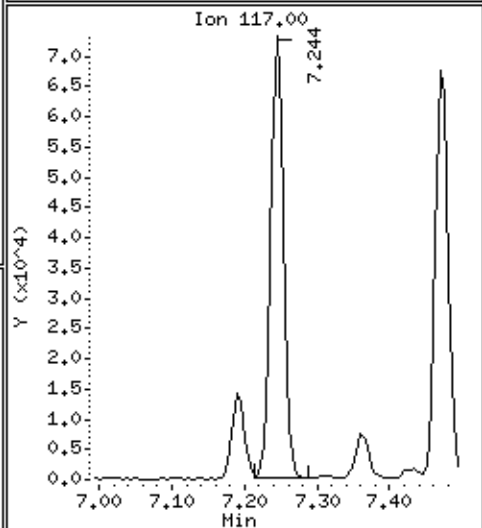
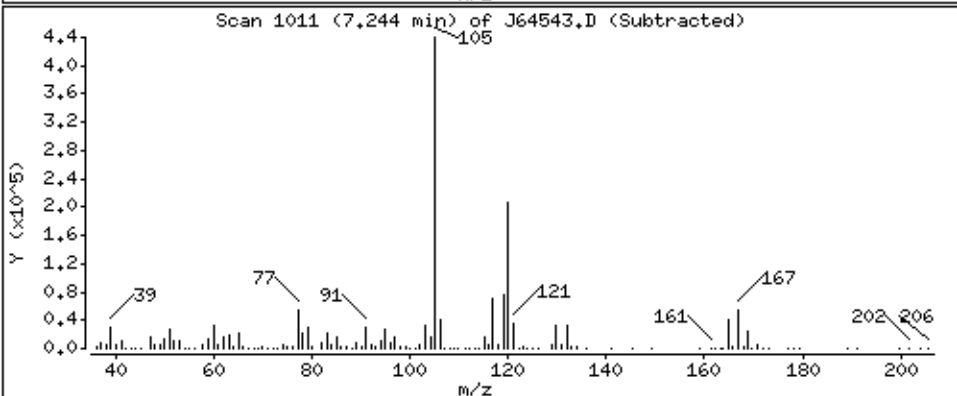
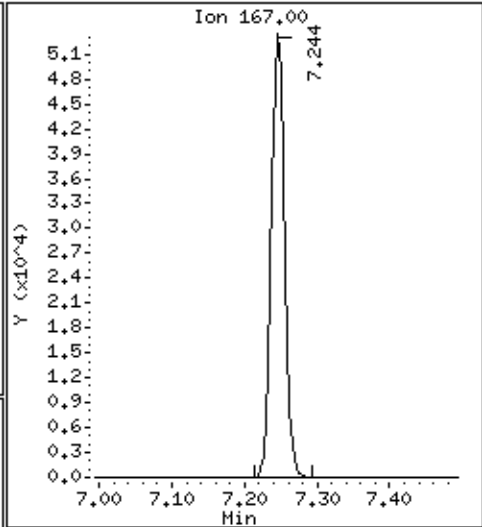
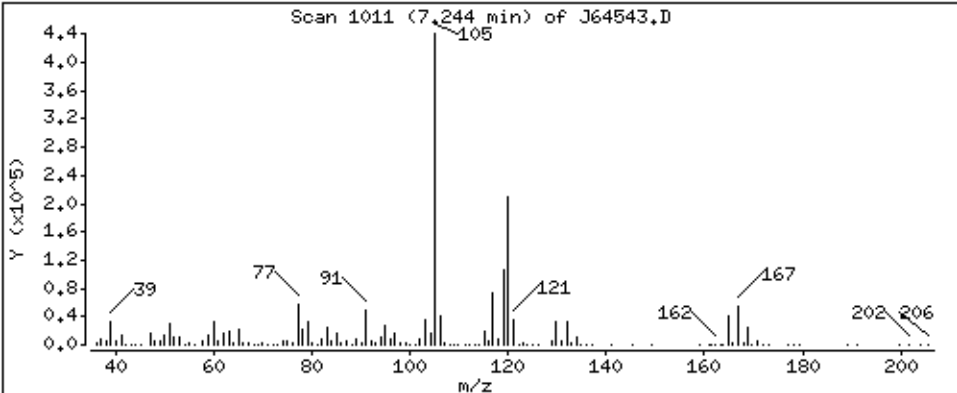


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

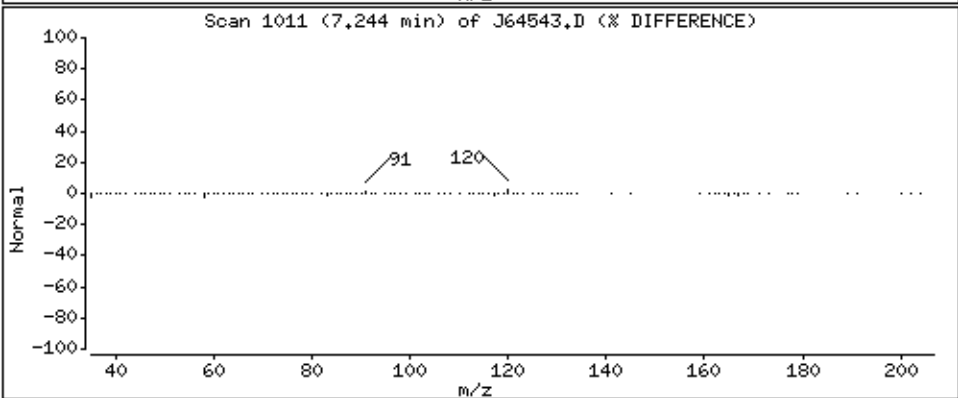
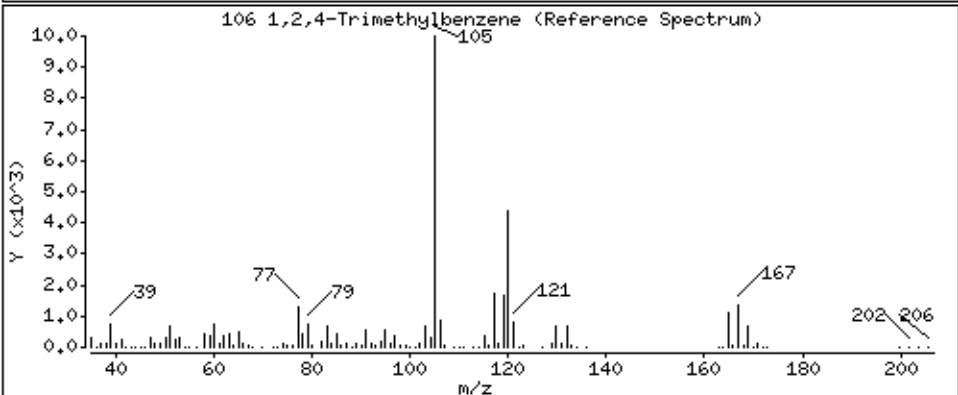
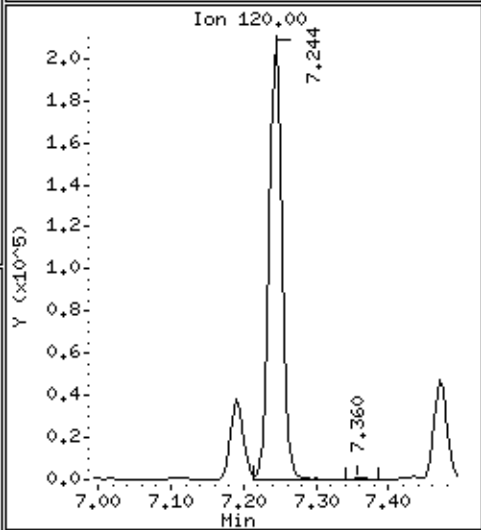
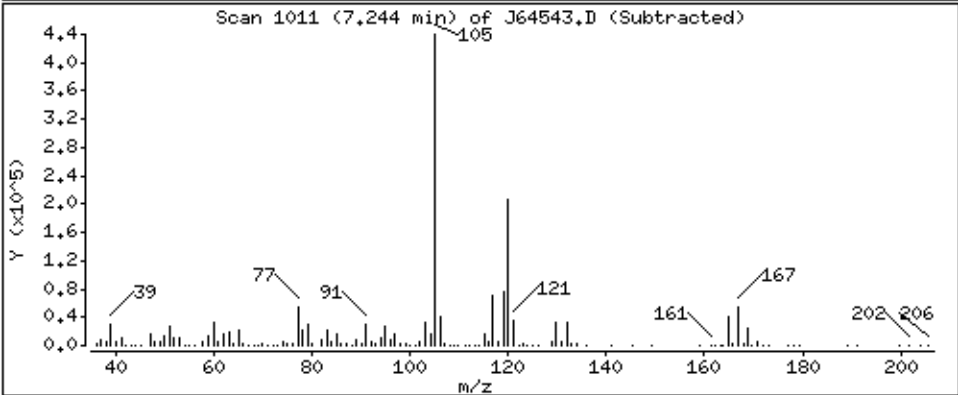
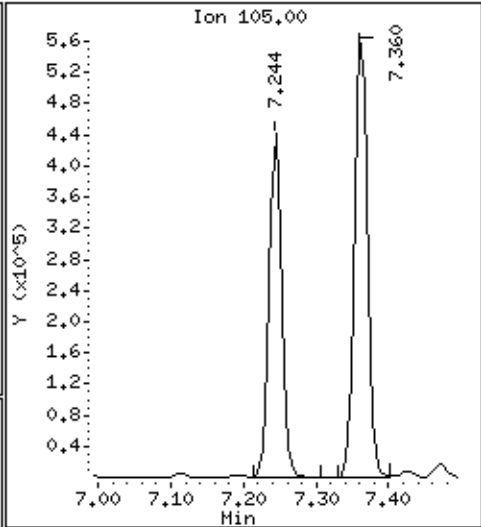
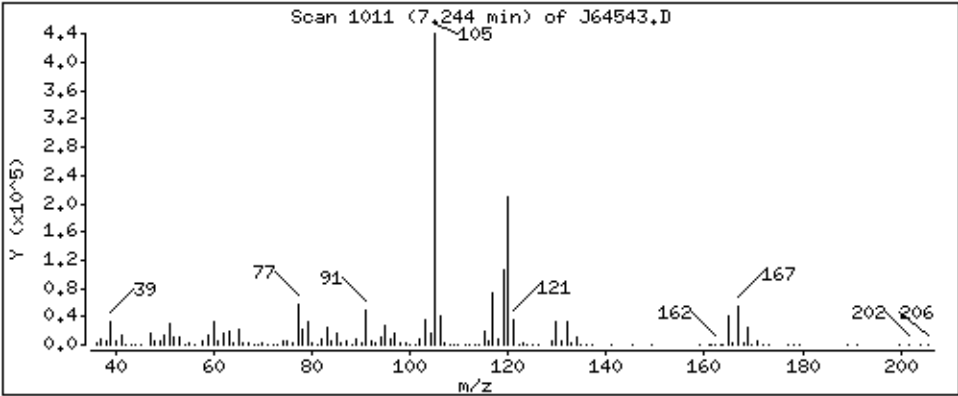
104 tert-Butylbenzene Concentration: 50,9 ug/L Review Code:



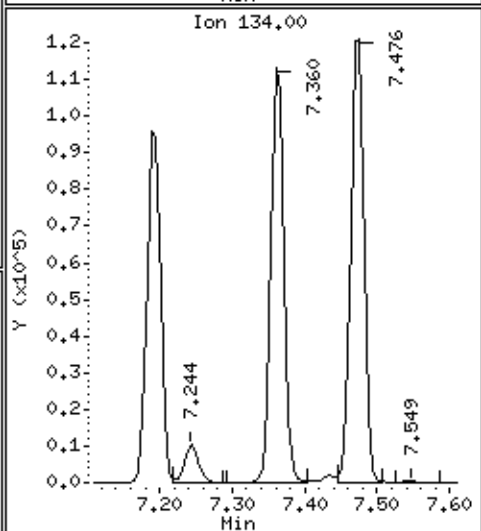
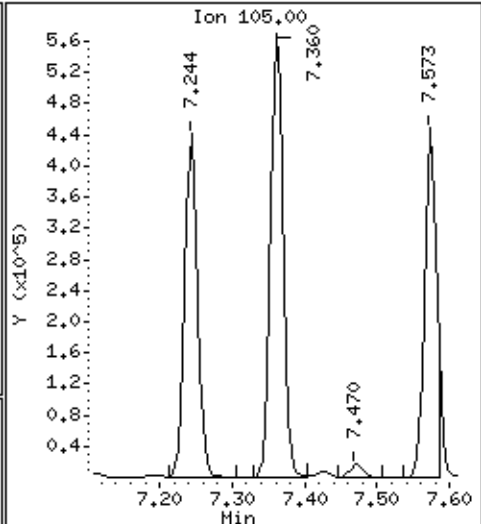
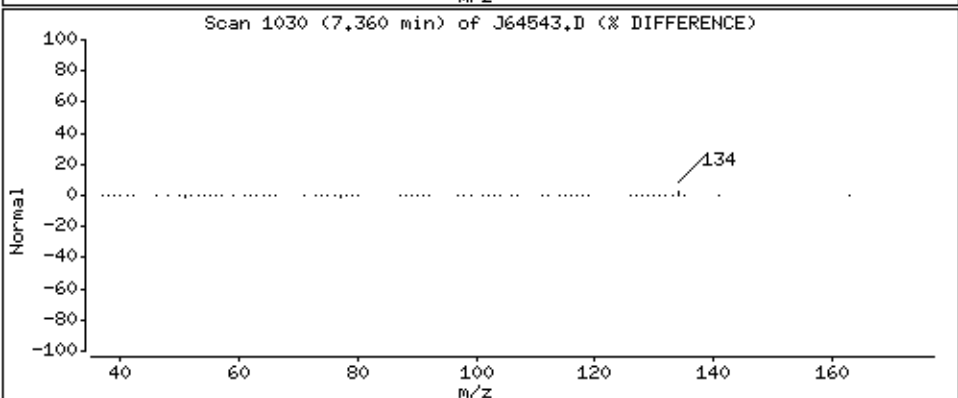
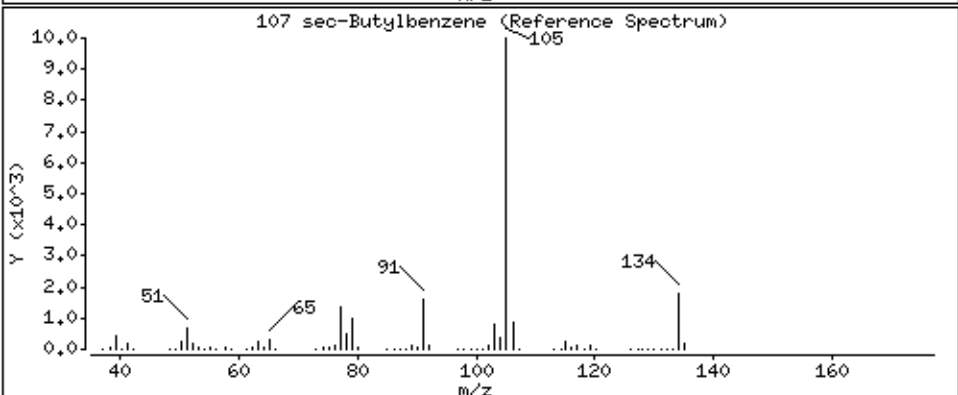
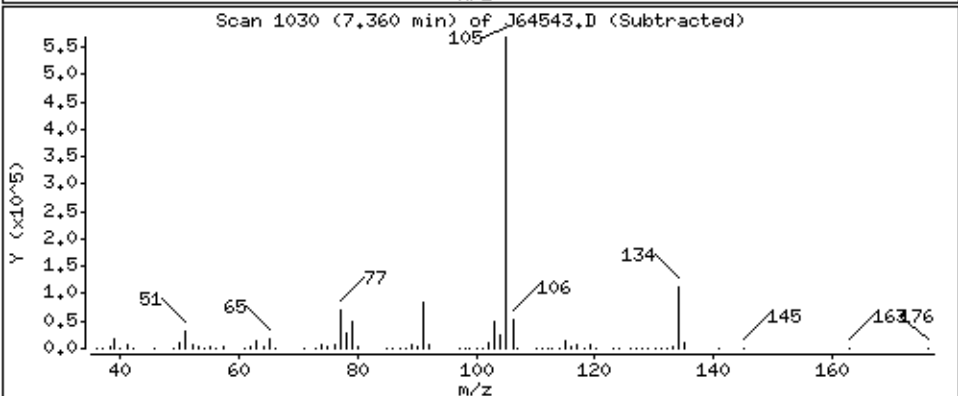
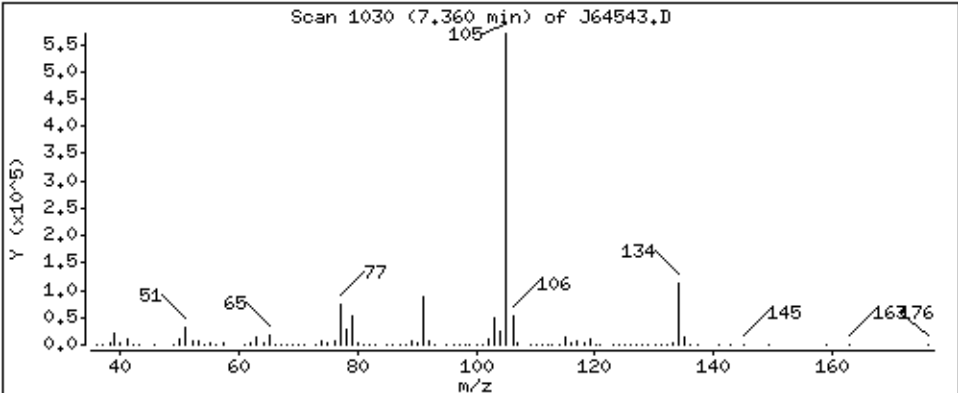
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 46.5 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 50.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

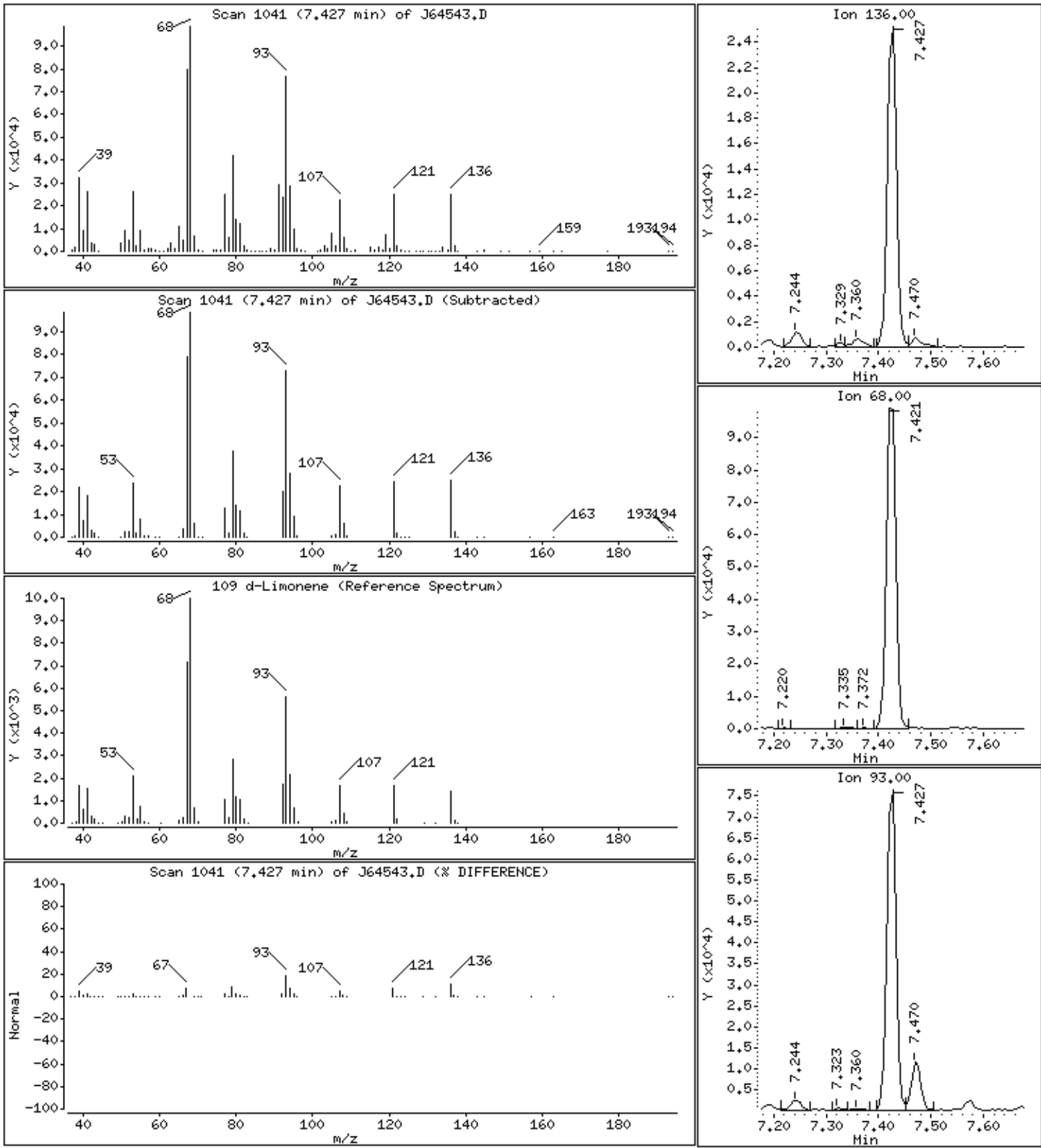


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 51.7 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



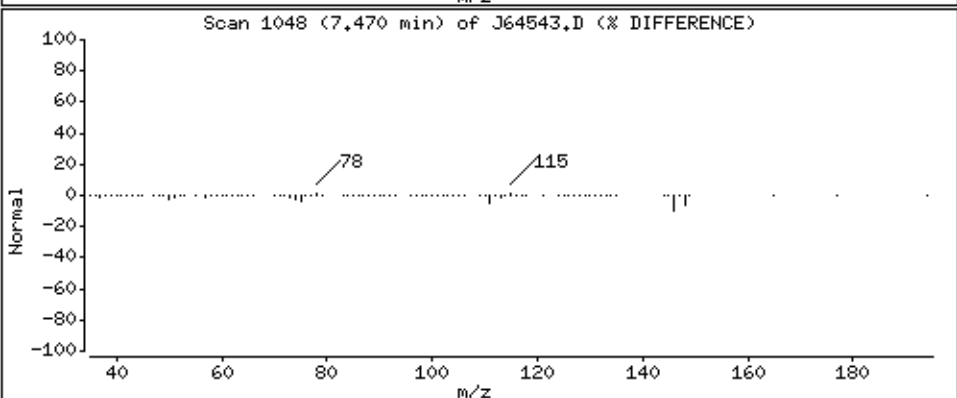
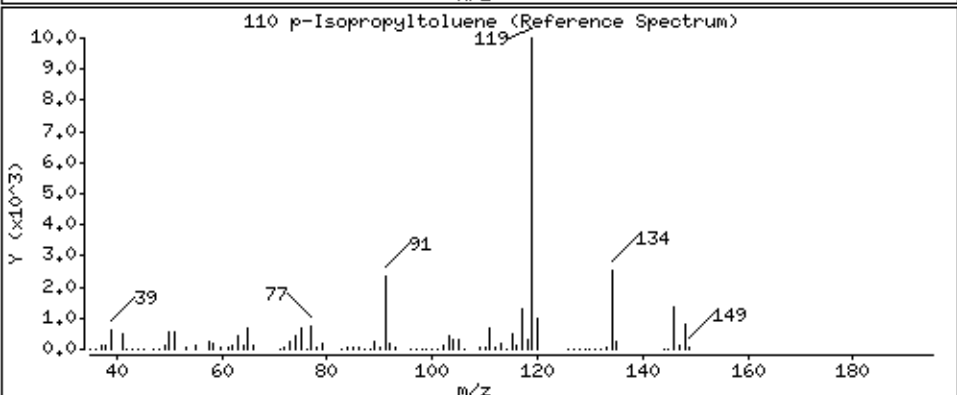
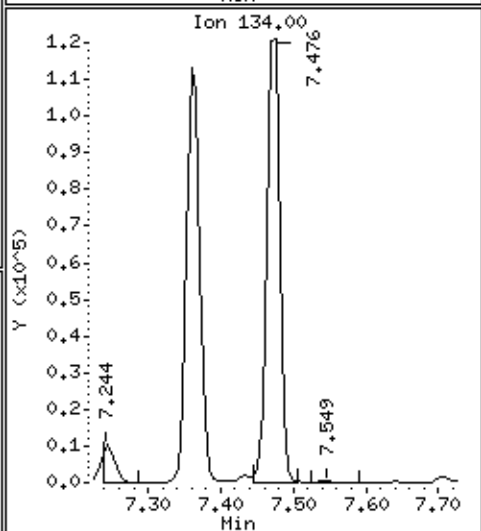
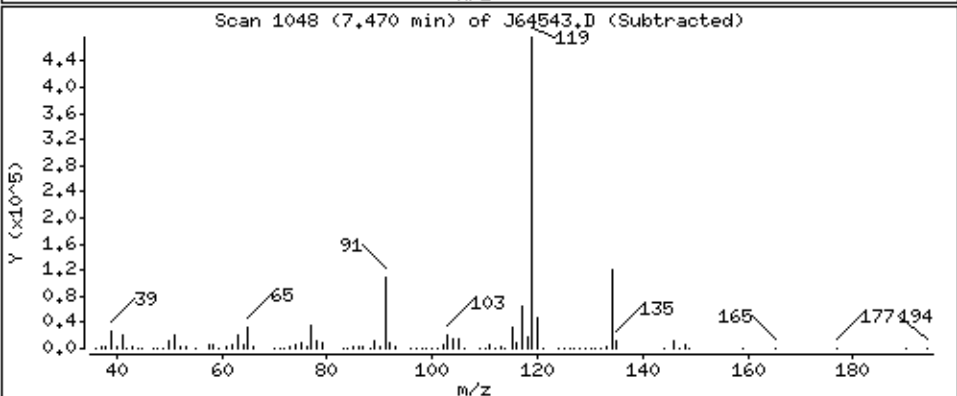
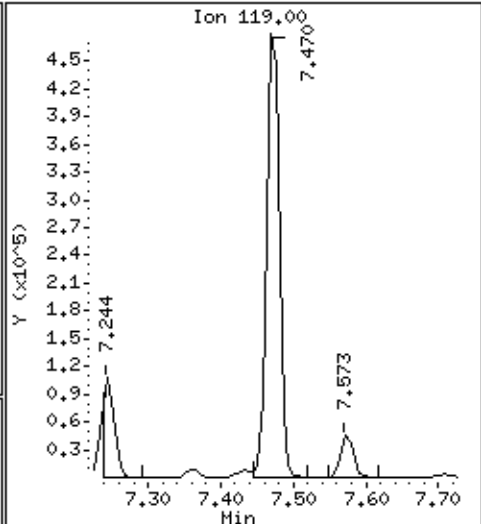
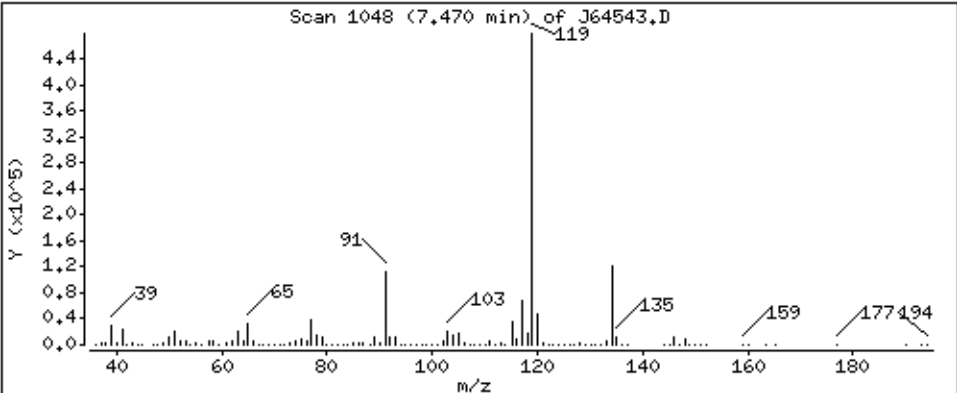
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

109 d-Limonene
Concentration: 49.6 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

110 p-Isopropyltoluene Concentration: 53.2 ug/L Review Code:



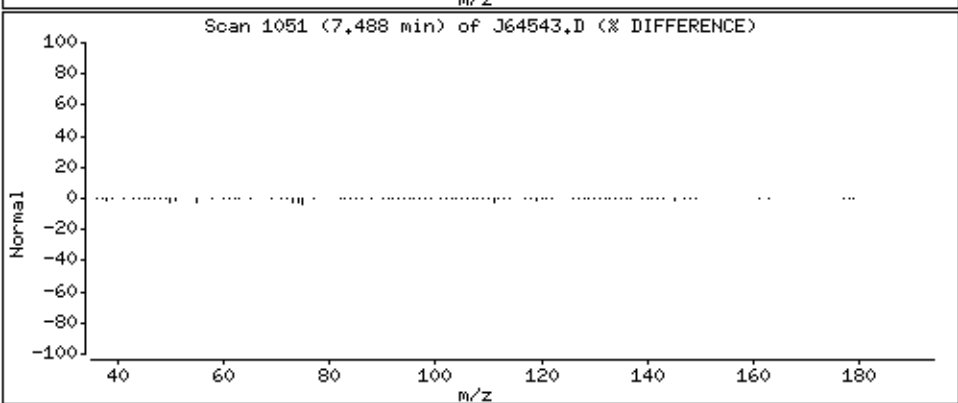
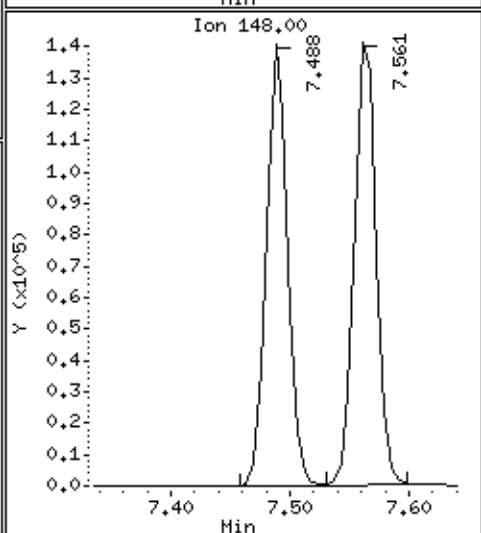
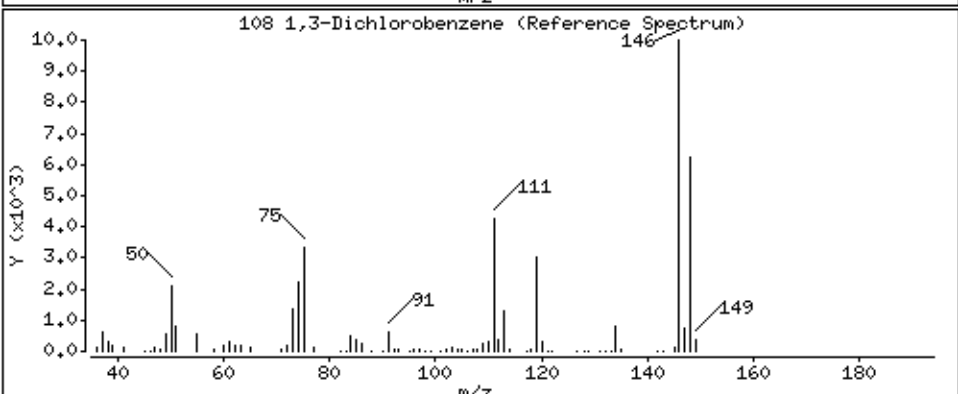
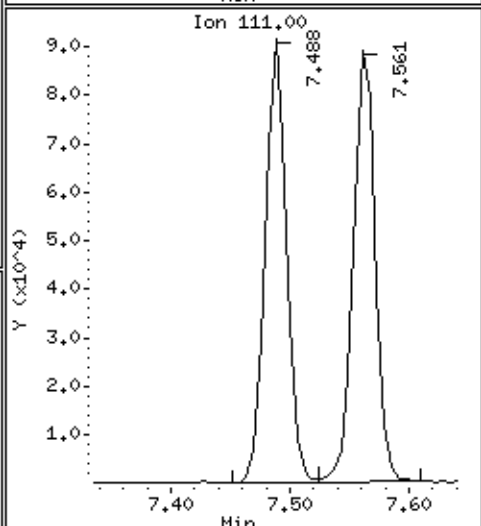
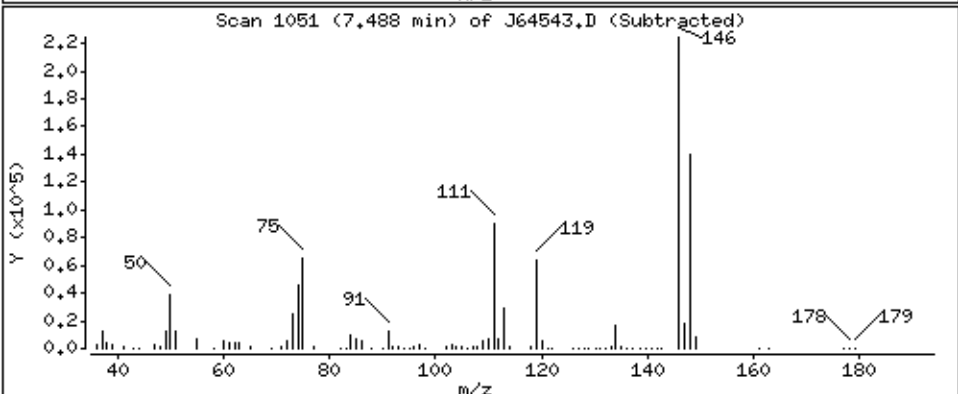
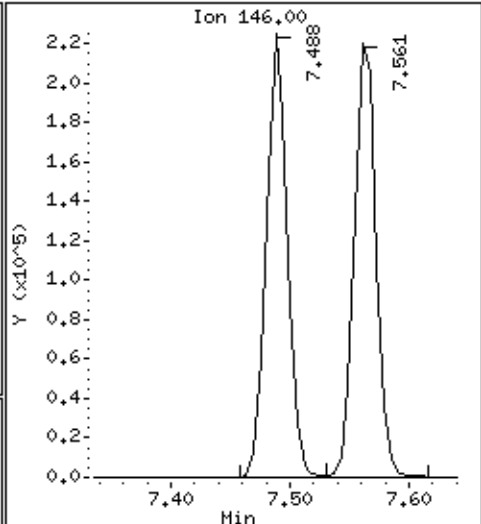
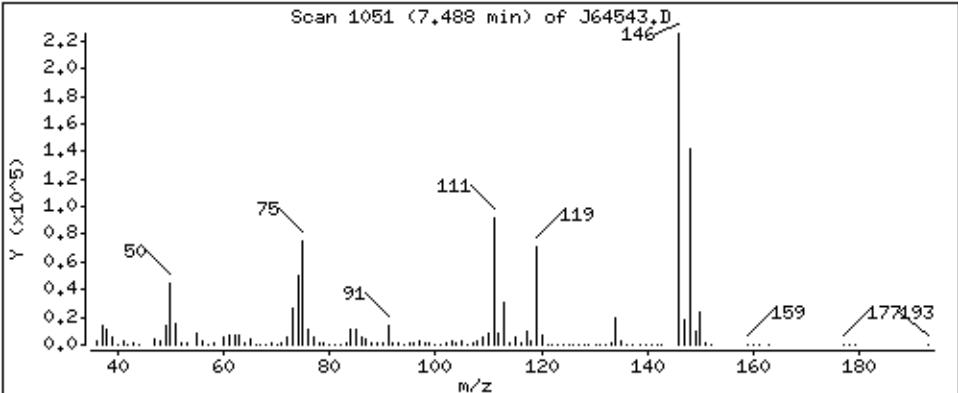
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 52.0 ug/L

Instrument: 70msv6.i

Operator: BBL

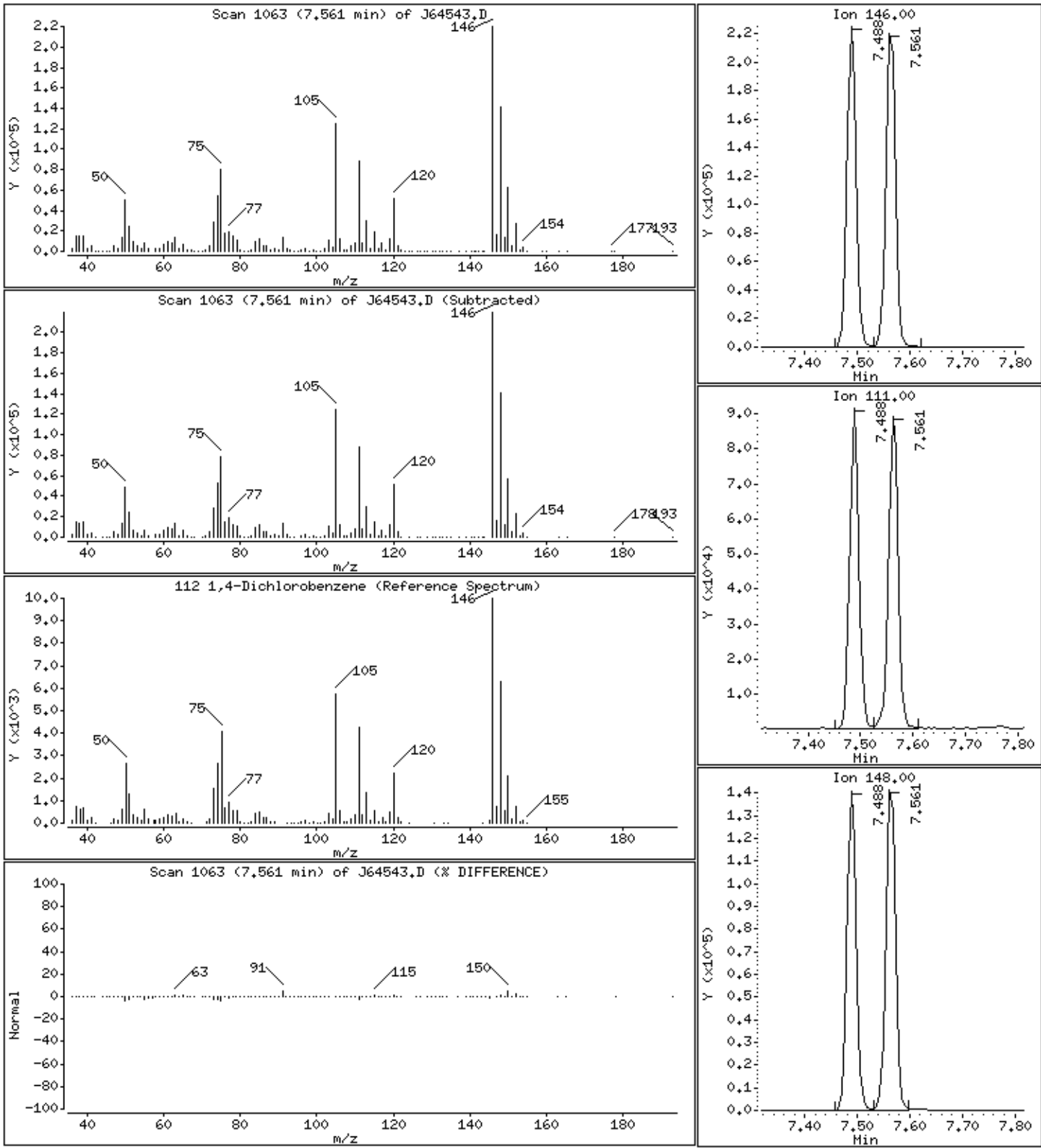
Column diameter: 0,18

Review Code:



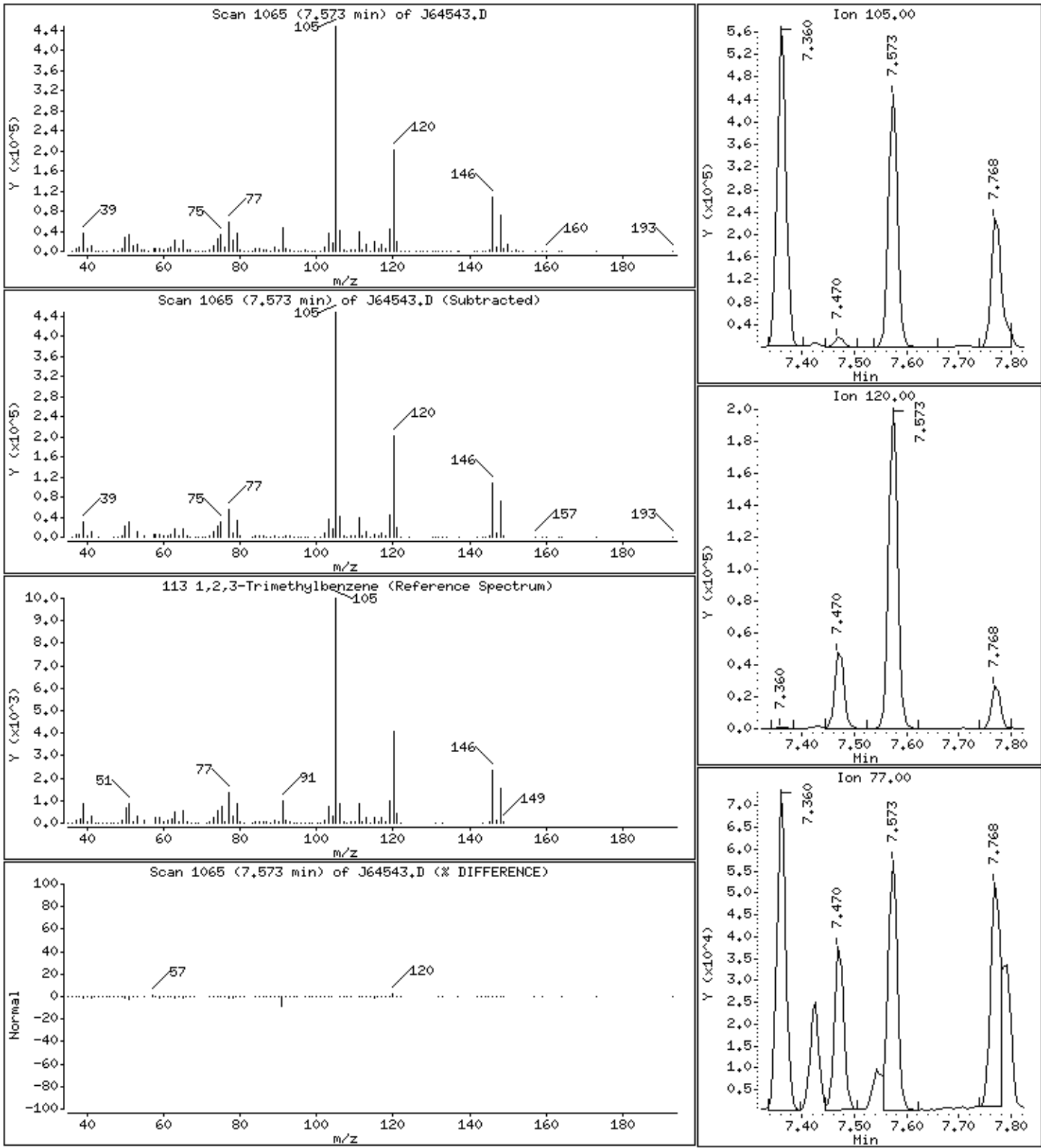
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

112 1,4-Dichlorobenzene Concentration: 51.6 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

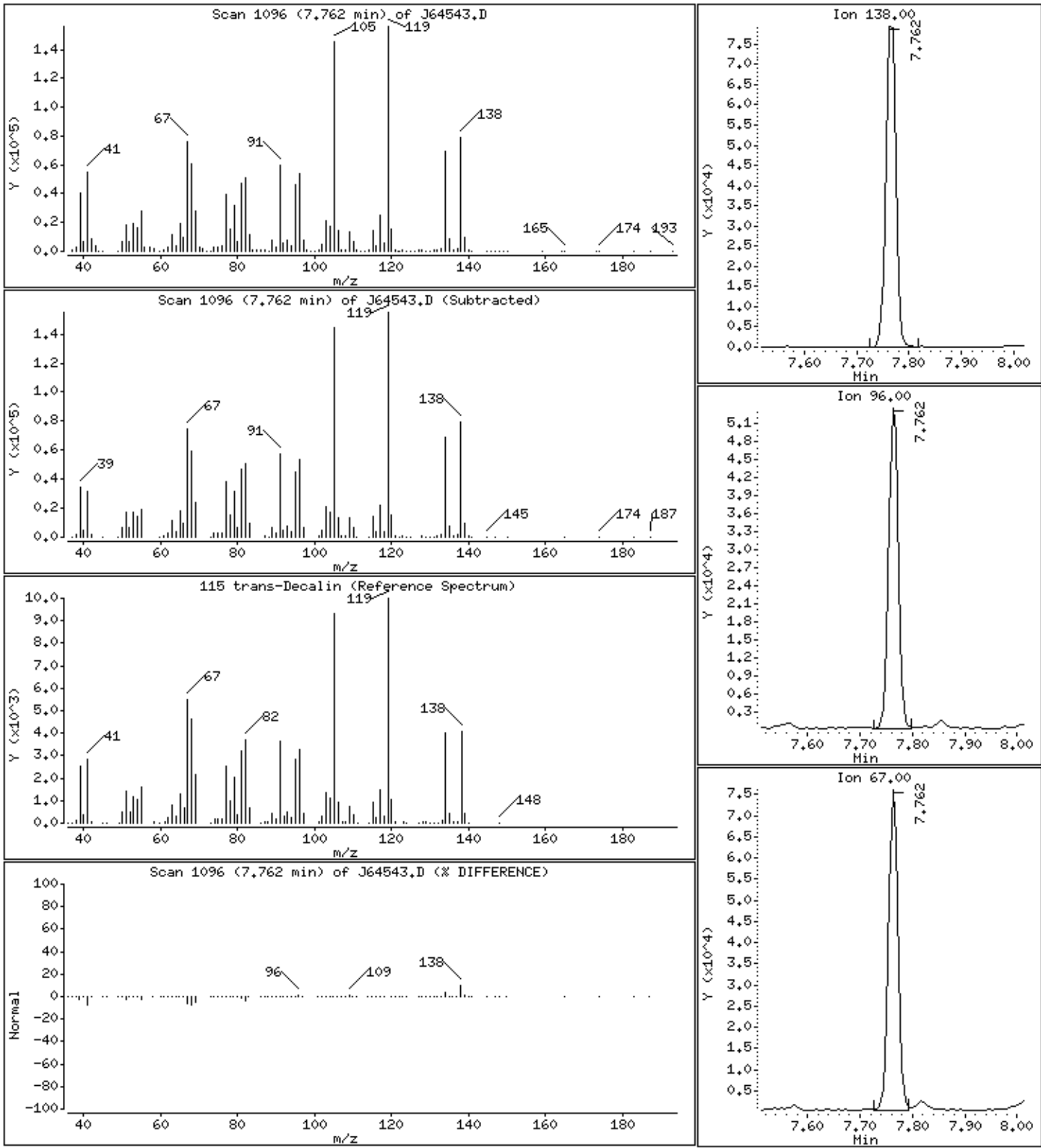
113 1,2,3-Trimethylbenzene Concentration: 50.9 ug/L Review Code:



Review Code:

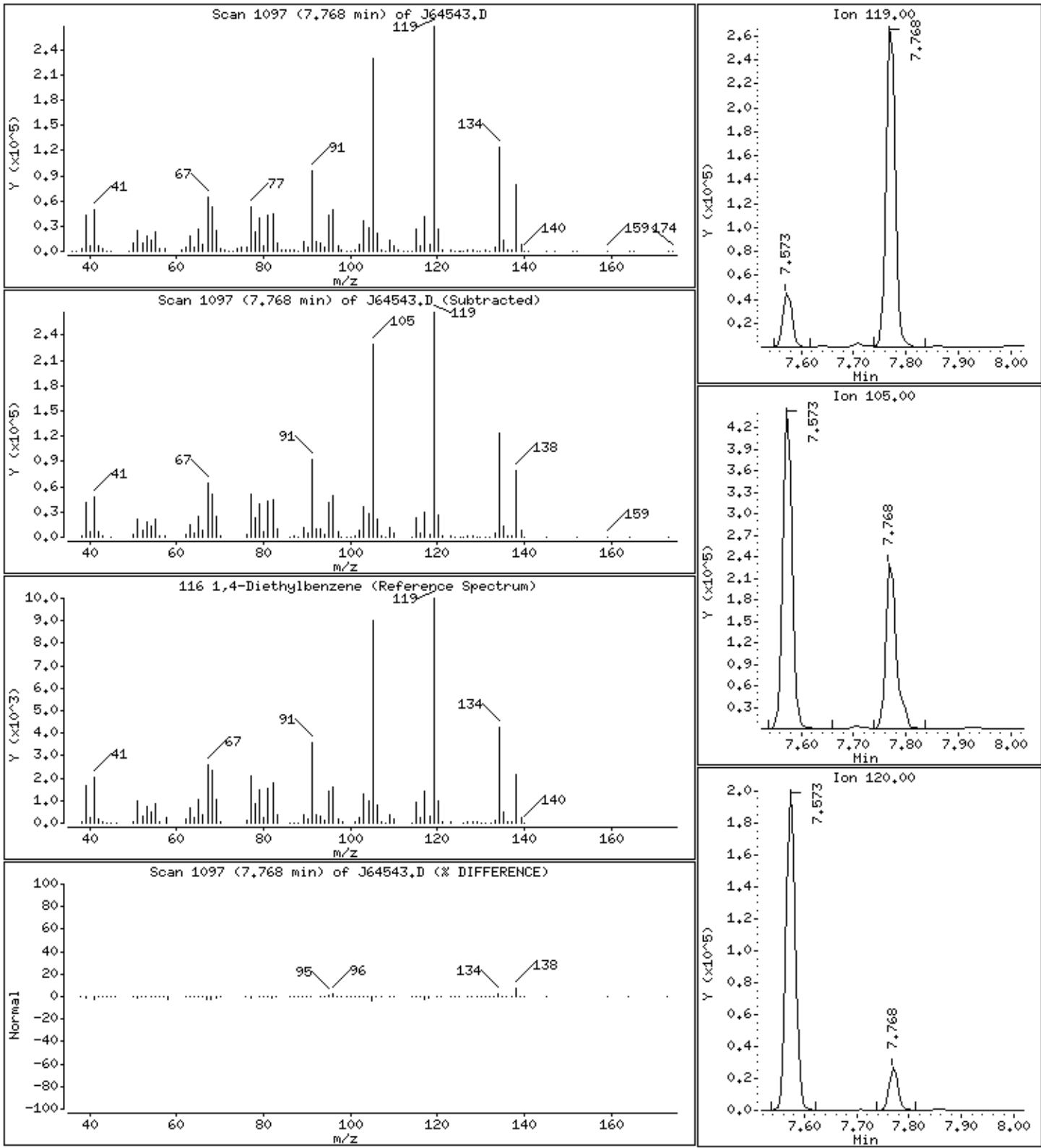
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

115 trans-Decalin Concentration: 48,9 ug/L Review Code:



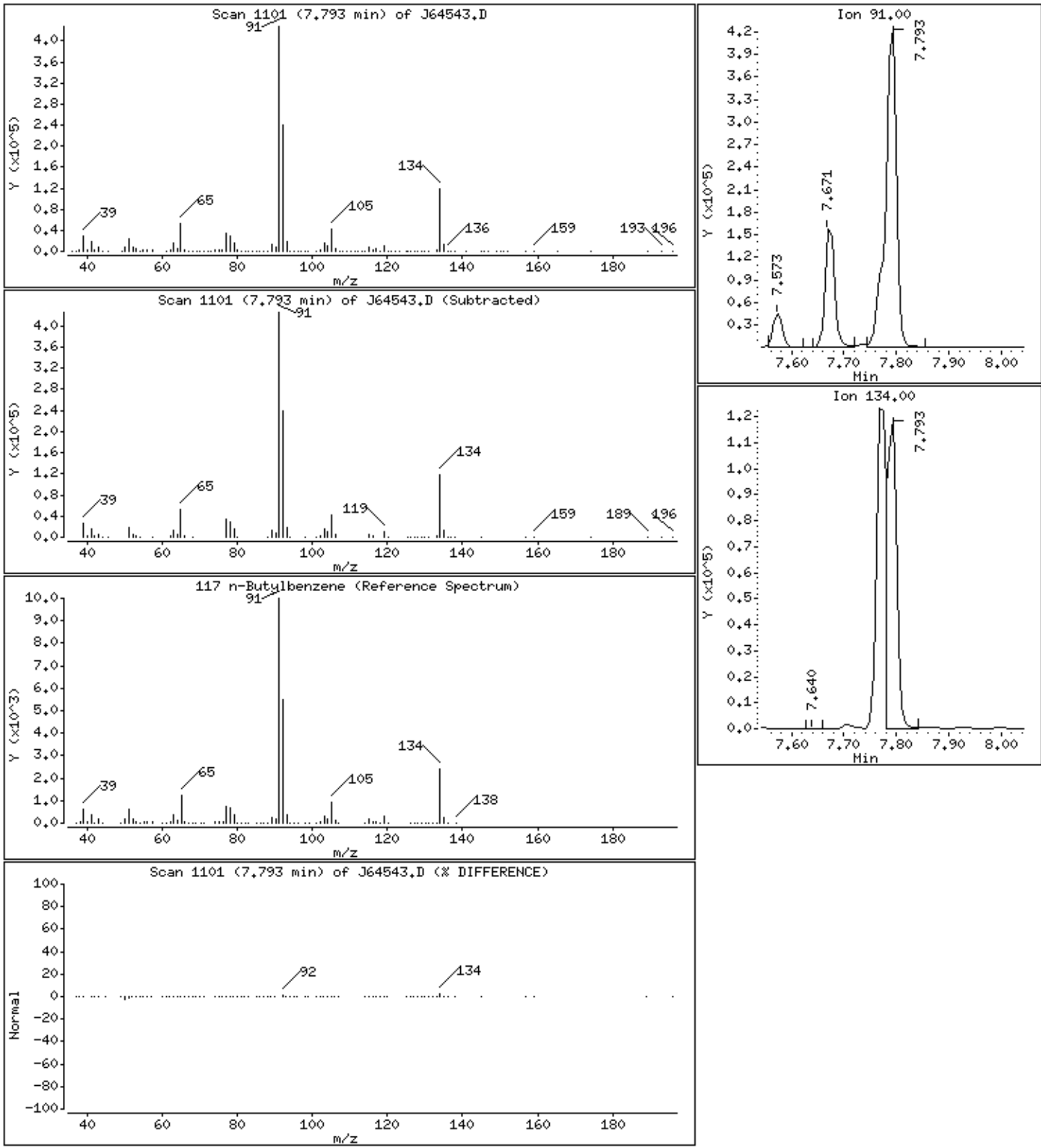
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

116 1,4-Diethylbenzene Concentration: 54,1 ug/L Review Code:



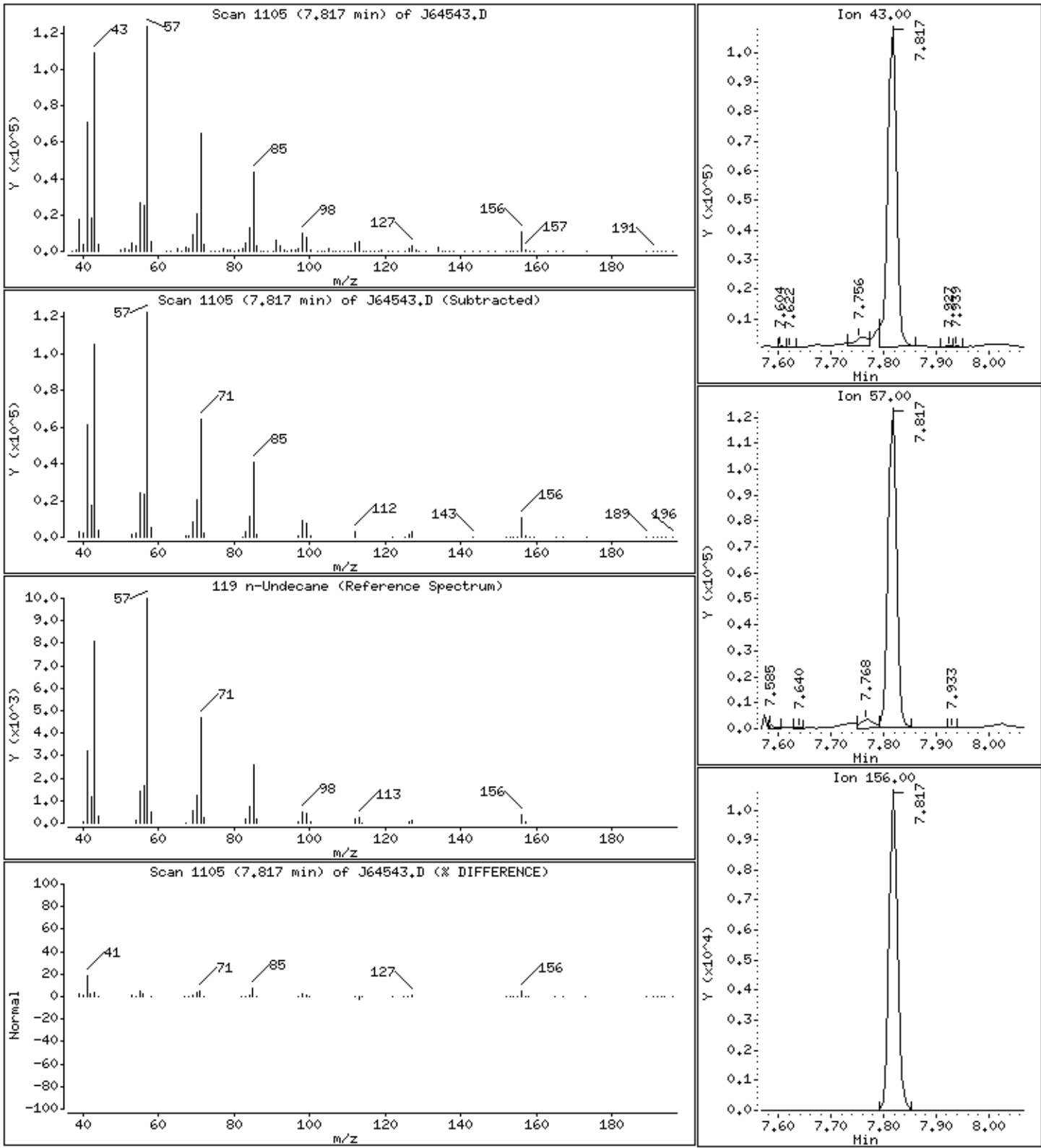
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

117 n-Butylbenzene Concentration: 53,1 ug/L Review Code:



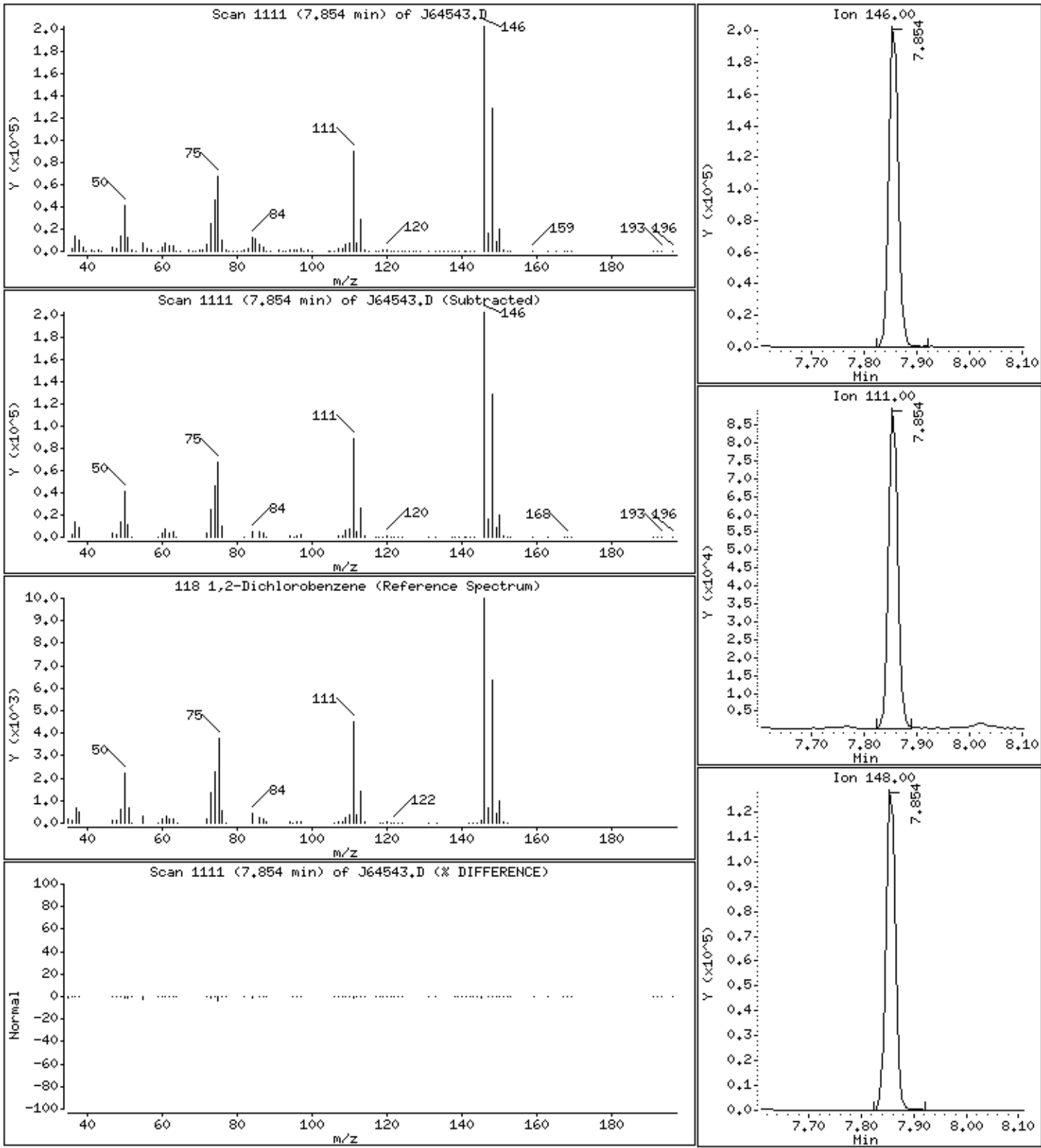
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

119 n-Undecane Concentration: 111 ug/L Review Code:



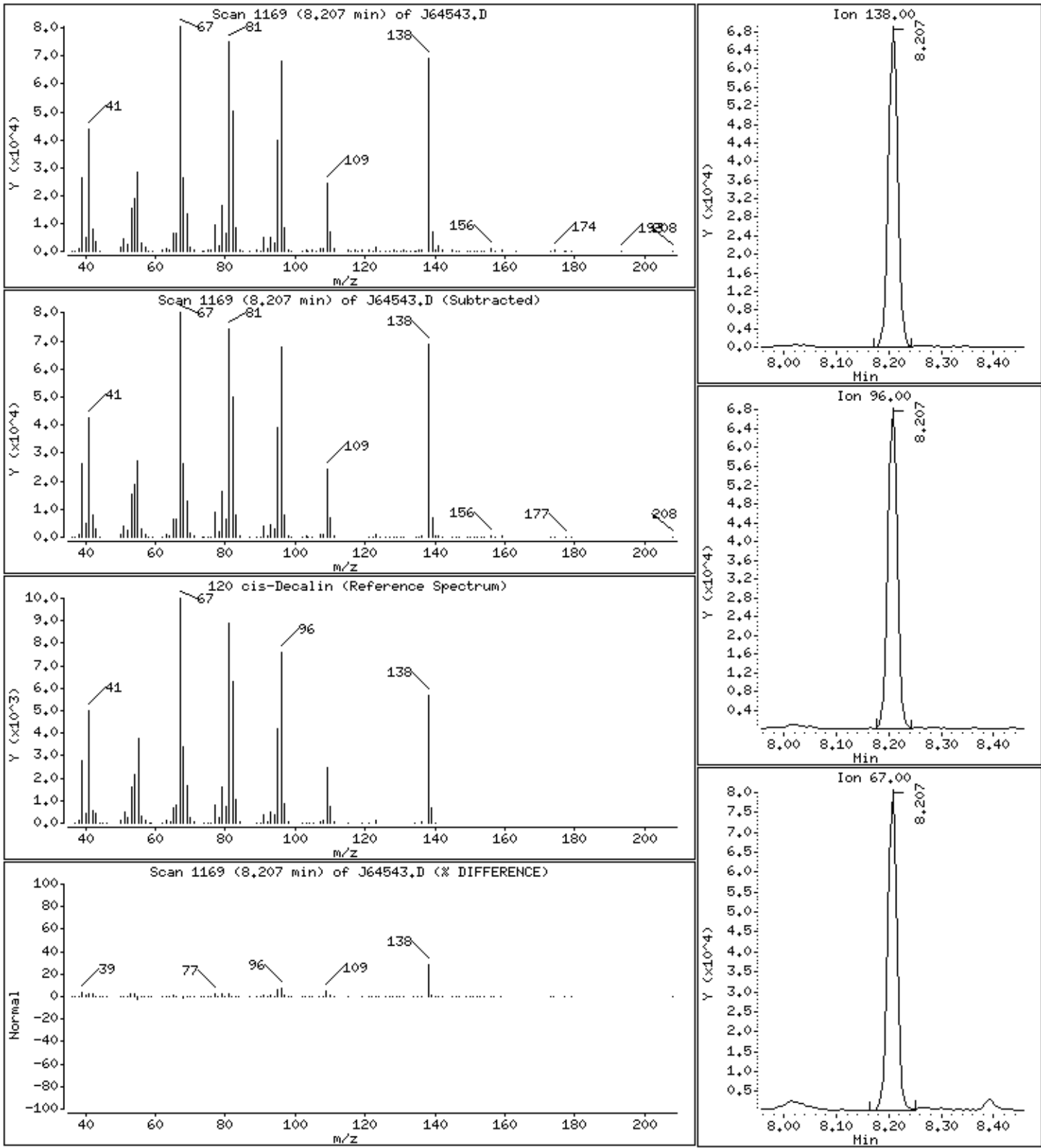
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Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

118 1,2-Dichlorobenzene Concentration: 50,5 ug/L Review Code:



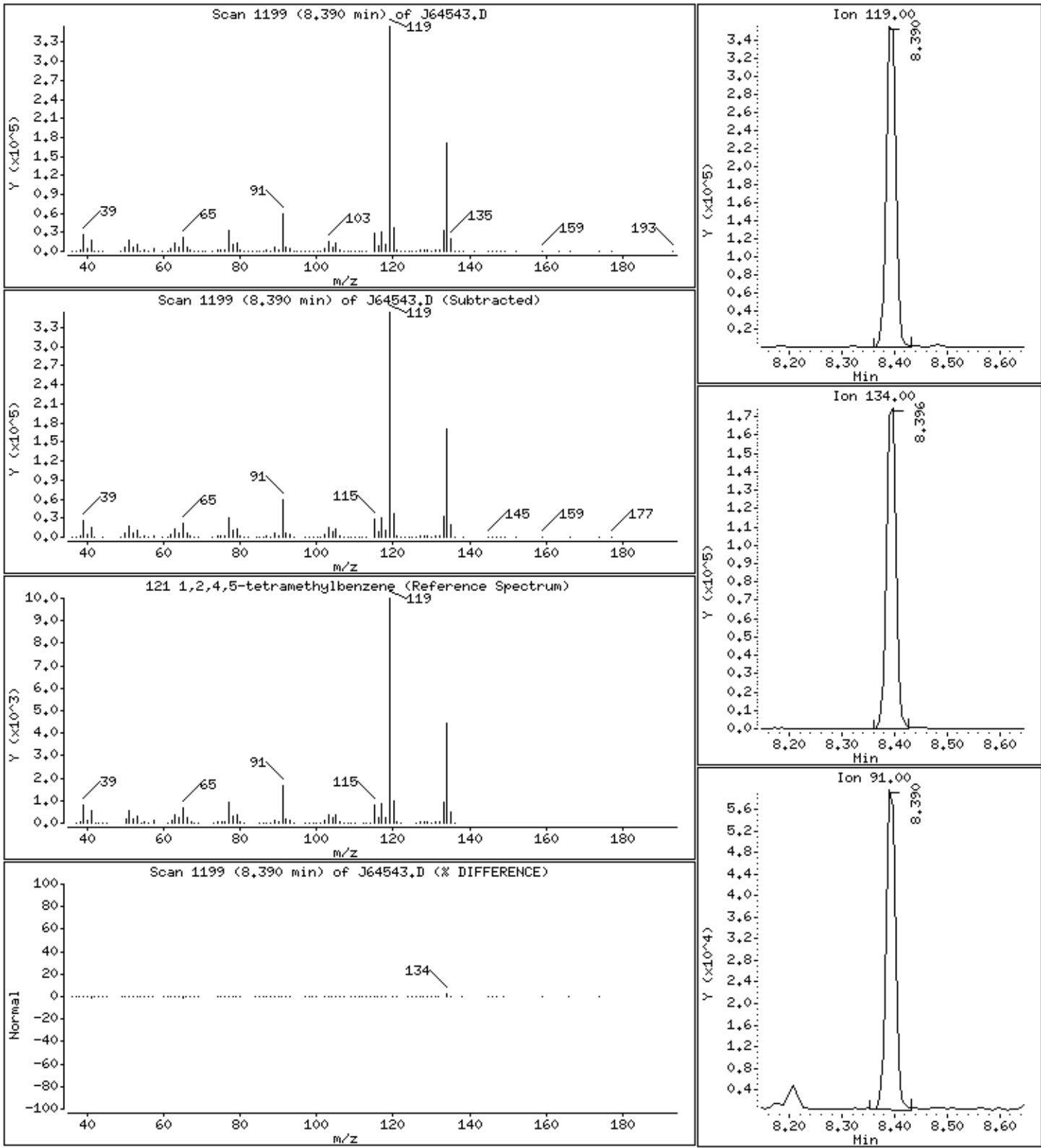
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

120 cis-Decalin Concentration: 49.2 ug/L Review Code:



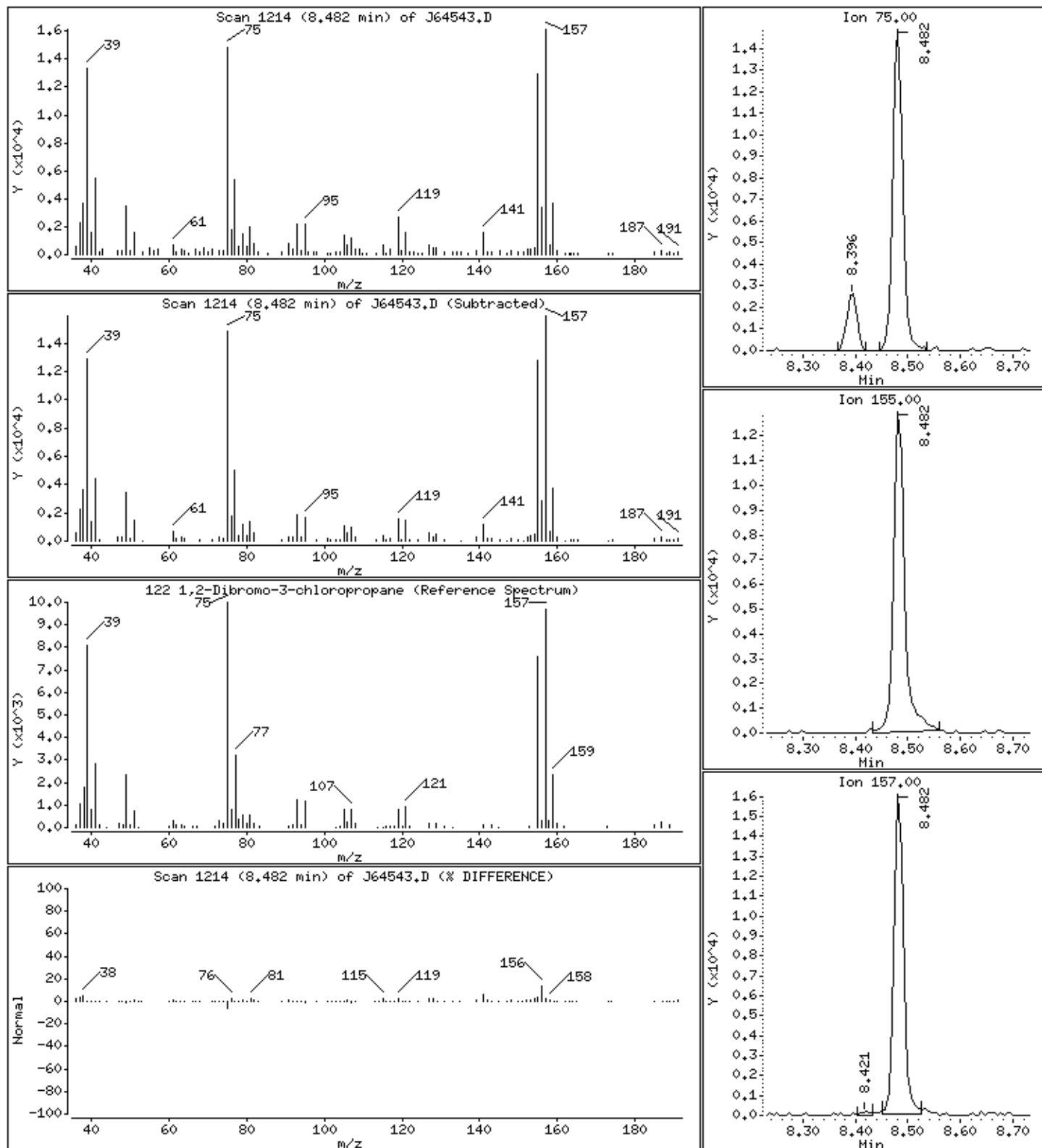
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

121 1,2,4,5-tetramethylbenzene Concentration: 62,5 ug/L Review Code:



Column diameter: 0.18

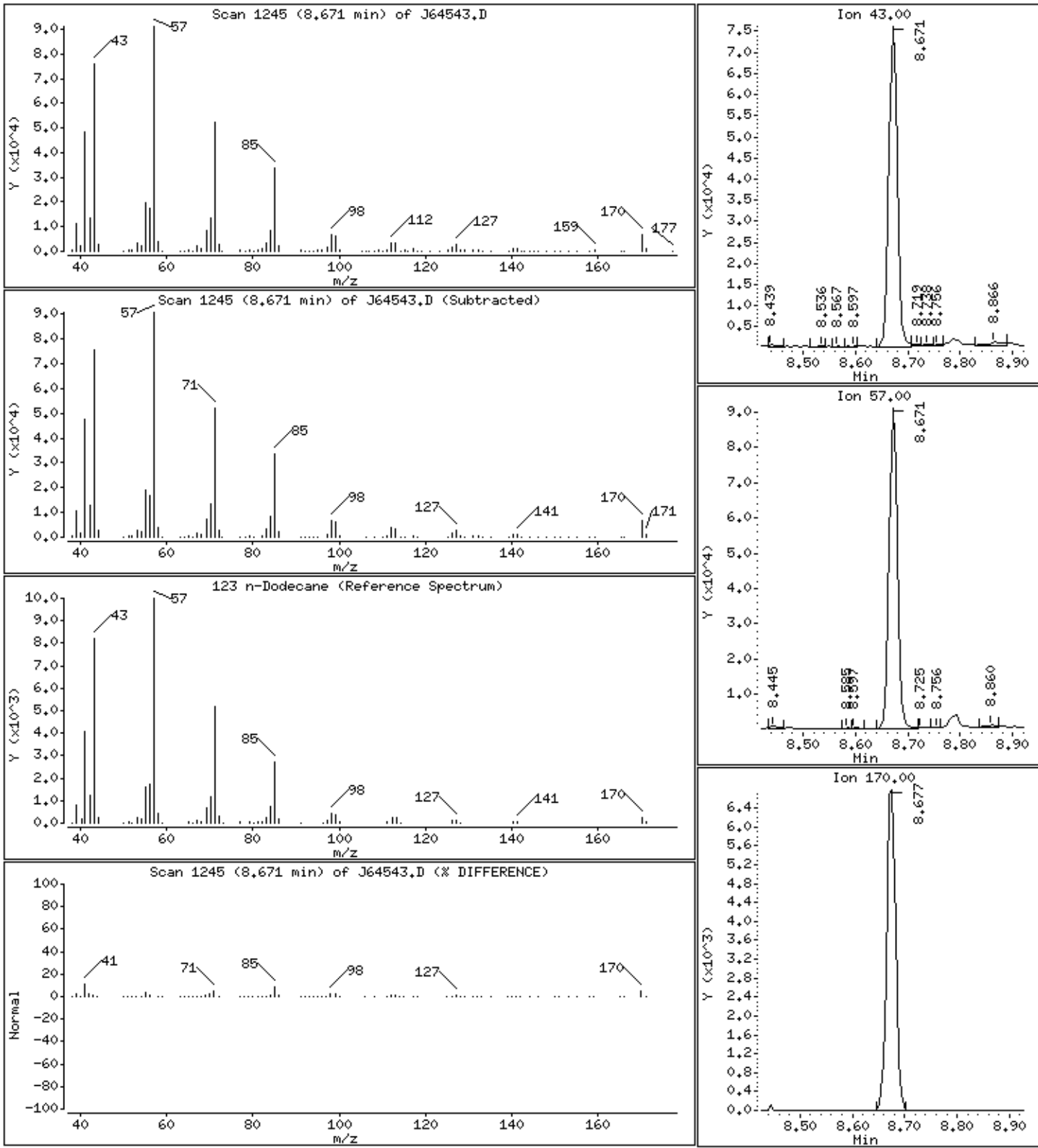
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

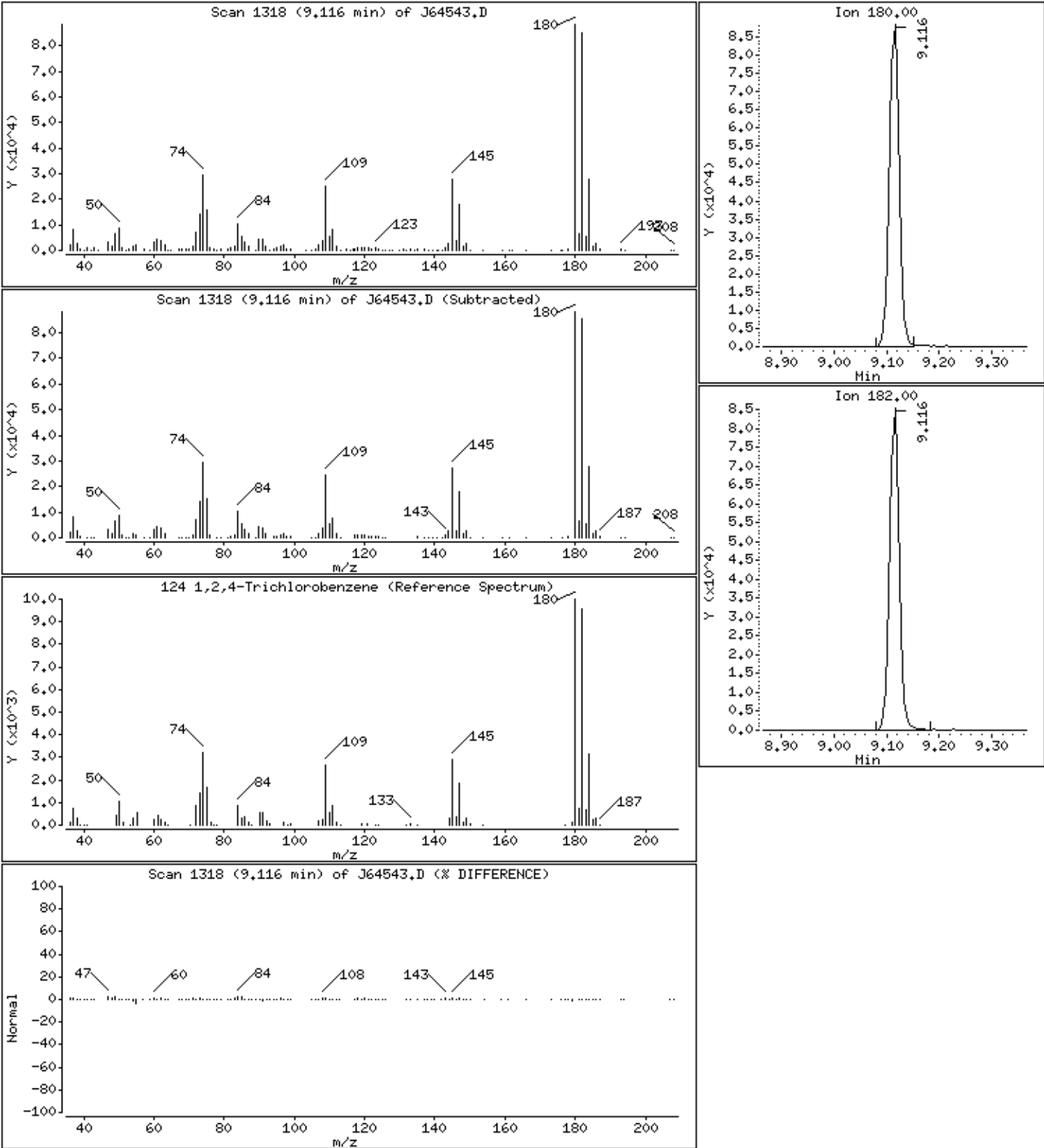
123 n-Dodecane

Review Code:



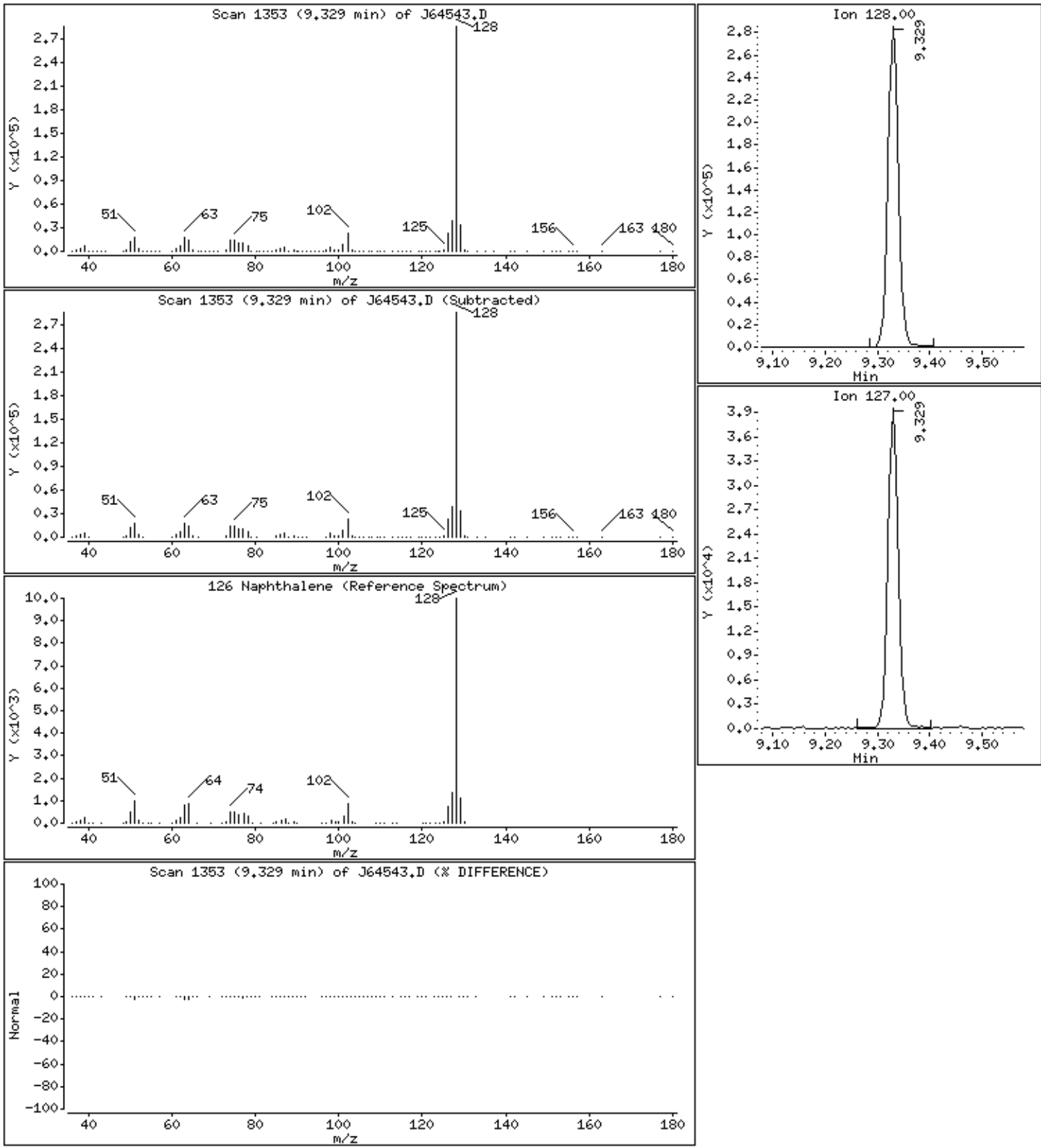
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

124 1,2,4-Trichlorobenzene Concentration: 48.2 ug/L Review Code:



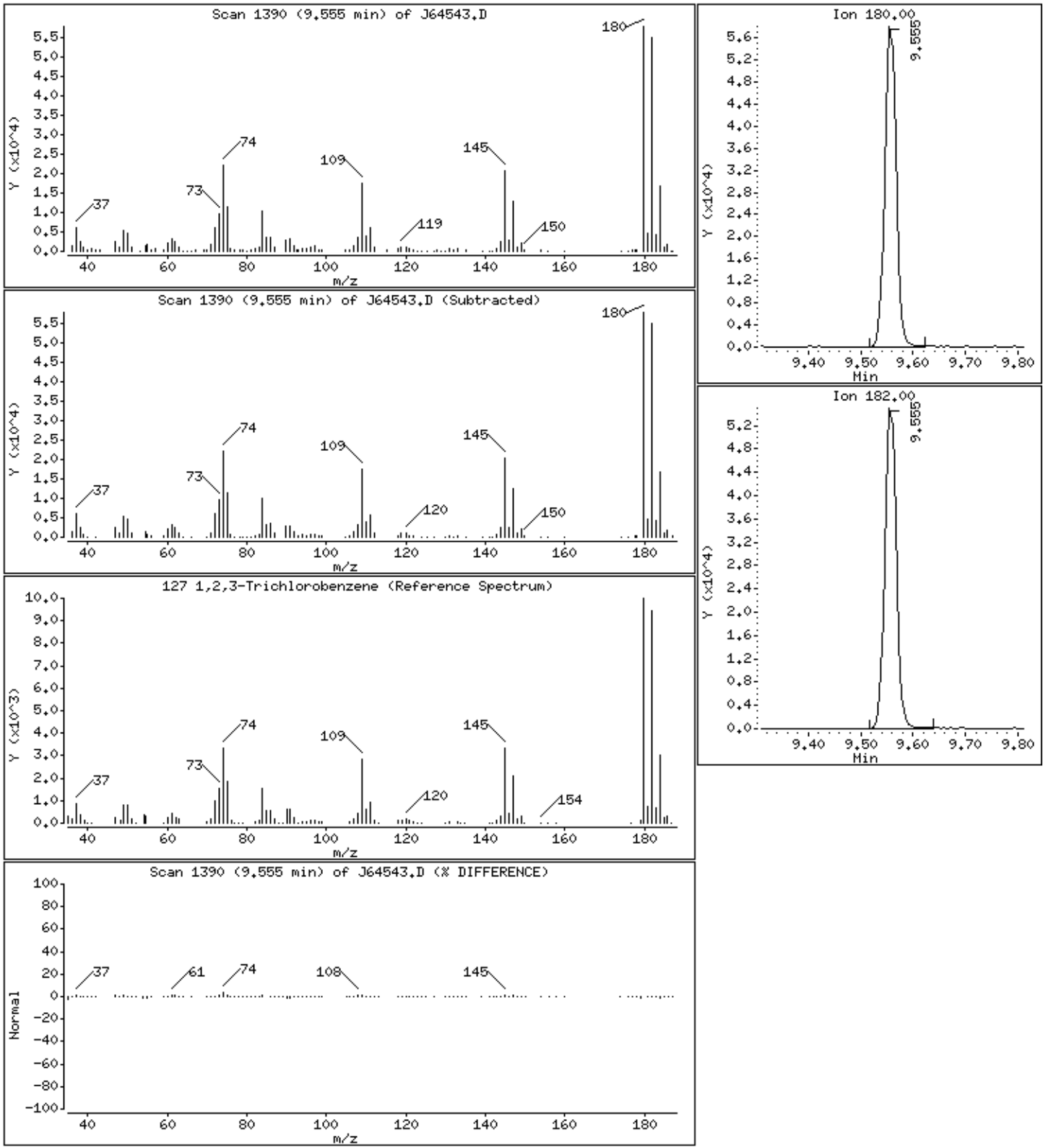
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

126 Naphthalene Concentration: 66,3 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64543.D
Date : 12-FEB-2021 20:09
Client ID: MW-11SMS
Sample Info: 964042, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

127 1,2,3-Trichlorobenzene Concentration: 42.6 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64543.D
Injection Date: 12-FEB-2021 20:09
Instrument: 70msv6.i
Lab Sample ID: 964042
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

MSV - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

MSD

Lab Name: Pace Analytical - New York

Contract: SUTTER AVENUE 2/10

Date Received: 02/10/2021 13:23

Matrix: Water SDG No.: 70162103

Date Extracted: 02/12/2021 20:50

Lab Sample ID: 964043

Date Analyzed: 02/12/2021 20:50

Lab File ID: 021221.B\J64544.D

Initial wt/vol: 5 mL Final wt/vol: 5 mL Dilution: 1

Instrument: 70MSV6 Percent Moisture:

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
67-64-1	Acetone	38.0	
74-97-5	Bromochloromethane	56.1	
75-27-4	Bromodichloromethane	49.1	
56-23-5	Carbon tetrachloride	48.8	
75-00-3	Chloroethane	46.5	
67-66-3	Chloroform	54.3	
74-87-3	Chloromethane	37.7	
96-12-8	1,2-Dibromo-3-chloropropane	43.4	
124-48-1	Dibromochloromethane	54.7	
110-57-6	trans-1,4-Dichloro-2-butene	46.6	
75-34-3	1,1-Dichloroethane	48.4	
75-35-4	1,1-Dichloroethene	51.2	
156-59-2	cis-1,2-Dichloroethene	51.7	
156-60-5	trans-1,2-Dichloroethene	54.4	
78-87-5	1,2-Dichloropropane	44.1	
10061-01-5	cis-1,3-Dichloropropene	46.8	
10061-02-6	trans-1,3-Dichloropropene	49.0	
75-09-2	Methylene Chloride	48.1	
79-34-5	1,1,2,2-Tetrachloroethane	45.7	
127-18-4	Tetrachloroethene	67.3	
71-55-6	1,1,1-Trichloroethane	51.1	
79-00-5	1,1,2-Trichloroethane	49.3	
79-01-6	Trichloroethene	50.6	
75-69-4	Trichlorofluoromethane	57.1	
96-18-4	1,2,3-Trichloropropane	48.8	
75-01-4	Vinyl chloride	41.1	

02/15/2021 1:12

Pace Analytical Services, Inc.

SW846-8260C-D/EPA 624.1

Data file : \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Lab Smp Id: 964043 Client Smp ID: MW-11SMSD
Inj Date : 12-FEB-2021 20:50 MS Autotune Date: 01-NOV-2020 09:5
Operator : BBL Inst ID: 70msv6.i
Smp Info : 964043, 104750:1.25
Misc Info : 11006,
Comment :
Method : \\v70wintarget\chem\70msv6.i\021221.b\120720_8260W.m
Meth Date : 15-Feb-2021 11:21 mferrari Quant Type: ISTD
Cal Date : 07-DEC-2020 16:21 Cal File: J63316.D
Als bottle: 28 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8260.sub
Target Version: RC10A
Processing Host: 70MSV5WS10B6

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS							
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	REVIEW C
							(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	
1 Chlorodifluoromethane	51	1.208	1.202	(0.351)	139455	39.7625	39.8		
2 Dichlorotetrafluoroethane	135	1.269	1.263	(0.368)	60778	40.2803	40.3		
3 Dichlorodifluoromethane	85	1.190	1.184	(0.345)	96026	29.7798	29.8 (QR)		
4 Chloromethane	50	1.324	1.318	(0.384)	120587	37.7474	37.7		
5 Vinyl chloride	62	1.391	1.385	(0.404)	140799	41.1199	41.1		
6 1,3-Butadiene	54	1.409	1.403	(0.409)	103109	41.8870	41.9		
7 Acetaldehyde	44	1.476	1.464	(0.429)	21476	35.5923	35.6		
8 Bromomethane	94	1.604	1.598	(0.466)	88429	80.1010	80.1 (R)		
9 Chloroethane	64	1.672	1.666	(0.485)	97566	46.5198	46.5		
10 Dichlorofluoromethane	67	1.800	1.794	(0.522)	223983	52.2989	52.3		
11 Trichlorofluoromethane	101	1.812	1.806	(0.526)	208676	57.1444	57.1		
12 Ethanol	45	1.952	1.946	(0.567)	16758	1251.41	1250		
13 Diethyl ether (Ethyl ether)	59	1.982	1.976	(0.575)	103832	44.8168	44.8		
16 1,1,2-Trichlorotrifluoroethane	101	2.104	2.098	(0.611)	138584	58.3354	58.3		
14 Acrolein	56	2.104	2.098	(0.611)	14607	29.9430	29.9 (R)		
15 1,1-Dichloroethene	96	2.129	2.123	(0.618)	110527	51.1987	51.2		
17 Acetone	43	2.190	2.184	(0.636)	31696	37.9644	38.0		
18 Iodomethane	142	2.232	2.232	(0.648)	147382	69.3820	69.4 (R)		
19 2-Propanol	45	2.257	2.251	(0.655)	119760	1167.19	1170		
20 Carbon disulfide	76	2.263	2.257	(0.657)	325633	49.3536	49.4		
21 Allyl chloride	76	2.348	2.342	(0.682)	81481	53.3030	53.3		
22 Acetonitrile	41	2.391	2.385	(0.694)	60841	201.897	202		

Compounds	QUANT SIG					CONCENTRATIONS		REVIEW C
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
						(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====
23 Methyl acetate	43	2.354	2.354	(0.683)	146407	41.1467	41.1	
24 Methylene Chloride	84	2.434	2.434	(0.706)	131838	48.1009	48.1	
25 tert-Butyl Alcohol	59	2.476	2.476	(0.719)	44536	233.564	234	
28 Methyl-tert-butyl ether	73	2.543	2.543	(0.738)	416584	51.7657	51.8	
27 trans-1,2-Dichloroethene	96	2.568	2.562	(0.745)	131265	54.4488	54.4	
26 Acrylonitrile	53	2.610	2.604	(0.758)	36799	41.4584	41.4	
30 n-Hexane	57	2.671	2.665	(0.775)	178025	44.8206	44.8	
29 Diisopropyl ether	45	2.805	2.799	(0.814)	385810	43.7278	43.7	
32 Vinyl acetate	43	2.830	2.830	(0.821)	247259	42.4160	42.4	
31 1,1-Dichloroethane	63	2.830	2.824	(0.821)	230724	48.3936	48.4	
33 Chloroprene	53	2.854	2.854	(0.828)	181591	47.9032	47.9	
34 Ethyl-tert-butyl ether	59	3.007	3.007	(0.873)	412489	46.5177	46.5	
36 2,2-Dichloropropane	77	3.147	3.141	(0.913)	203517	48.4378	48.4	
35 cis-1,2-Dichloroethene	96	3.165	3.159	(0.919)	150360	51.6530	51.6	
39 Ethyl acetate	61	3.165	3.159	(0.919)	212444	46.5700	46.6	
37 2-Butanone (MEK)	43	3.171	3.171	(0.920)	82694	36.2209	36.2	
41 Bromochloromethane	128	3.305	3.305	(0.959)	68022	56.0684	56.1	
42 Tetrahydrofuran	42	3.311	3.312	(0.961)	33133	38.6915	38.7	
43 Chloroform	83	3.336	3.336	(0.968)	250187	54.2610	54.3	
38 Propionitrile	54	3.250	3.251	(0.943)	13575	39.7064	39.7	
46 Cyclohexane	56	3.427	3.421	(0.995)	241813	42.5605	42.6	
45 1,1,1-Trichloroethane	97	3.433	3.427	(0.884)	215776	51.0979	51.1	
* 44 Pentafluorobenzene (IS)	168	3.446	3.446	(1.000)	289864	50.0000		
48 Carbon tetrachloride	117	3.507	3.507	(0.903)	162149	48.8011	48.8	
47 1,1-Dichloropropene	75	3.525	3.525	(0.907)	191396	48.8311	48.8	
55 2,2,4-Trimethylpentane	57	3.622	3.622	(1.051)	336100	43.6550	43.6	
51 Benzene	78	3.647	3.647	(0.939)	491600	46.4353	46.4	
40 Methacrylonitrile	67	3.318	3.318	(0.963)	49356	45.6302	45.6	
\$ 50 1,2-Dichloroethane-d4 (S)	65	3.653	3.653	(0.940)	198307	49.6150	49.6	
56 tert-Amylmethyl ether	73	3.677	3.677	(1.067)	390400	47.8848	47.9	
52 1,2-Dichloroethane	62	3.702	3.696	(1.074)	191467	50.7149	50.7	
57 n-Heptane	43	3.732	3.726	(1.083)	167630	40.4810	40.5	
* 58 1,4-Difluorobenzene (IS)	114	3.885	3.885	(1.000)	528087	50.0000		
59 Trichloroethene	95	4.031	4.031	(1.038)	142358	50.5706	50.6	
60 Methylcyclohexane	83	4.110	4.110	(1.058)	273615	51.2521	51.2	
49 Isobutanol	43	3.592	3.592	(1.042)	13874	174.992	175 (R)	
53 tert-Amyl Alcohol	59	Compound Not Detected.						
54 tert-Amyl ethyl ether	59	4.134	4.135	(1.200)	308874	44.1959	44.2	
61 1,2-Dichloropropane	63	4.202	4.202	(1.082)	122628	44.0528	44.0	
63 Methyl methacrylate	69	4.232	4.232	(1.089)	86171	45.0335	45.0	
64 1,4-Dioxane (p-Dioxane)	88	4.269	4.269	(1.099)	22401	1601.62	1600	
62 Dibromomethane	93	4.281	4.281	(1.102)	82366	53.2122	53.2	
65 Bromodichloromethane	83	4.366	4.366	(1.124)	182355	49.0740	49.1	
66 2-Nitropropane	43	4.549	4.549	(1.171)	23053	17.1462	17.1 (R)	
67 2-Chloroethylvinyl ether	63	Compound Not Detected.						
68 cis-1,3-Dichloropropene	75	4.653	4.647	(1.198)	214935	46.8056	46.8	
69 4-Methyl-2-pentanone (MIBK)	43	4.732	4.732	(1.218)	104592	39.2601	39.3	
\$ 70 Toluene-d8 (S)	98	4.793	4.793	(0.826)	658101	53.7877	53.8	
71 Toluene	91	4.842	4.836	(1.246)	605059	50.9063	50.9	
72 Methyl isothiocyanate	73	4.964	4.964	(1.278)	203775	111.411	111	
74 trans-1,3-Dichloropropene	75	5.031	5.025	(1.295)	199819	48.9959	49.0	
75 Ethyl methacrylate	69	5.031	5.031	(1.295)	167603	47.5887	47.6	
76 1,1,2-Trichloroethane	83	5.153	5.153	(1.326)	98670	49.3481	49.3	
77 Tetrachloroethene	166	5.195	5.195	(0.895)	187283	67.3375	67.3 (R)	

Compounds	QUANT SIG	CONCENTRATIONS							REVIEW C
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
							(ug/L)	(ug/L)	
=====	=====	=====	=====	=====	=====	=====	=====	=====	
78 1,3-Dichloropropane	76	5.274	5.275	(0.909)	213379	51.0000	51.0		
79 2-Hexanone	43	5.293	5.293	(0.912)	68907	37.9603	38.0		
73 n-Octane	43	4.842	4.842	(1.246)	167279	40.6573	40.6 (Q)		
81 n-Butyl acetate	43	5.348	5.348	(1.377)	57444	39.9455	39.9		
80 Dibromochloromethane	129	5.409	5.409	(0.932)	119564	54.6849	54.7		
82 1,2-Dibromoethane (EDB)	107	5.506	5.506	(1.417)	126680	53.3857	53.4		
* 83 Chlorobenzene-d5 (IS)	82	5.805	5.805	(1.000)	269420	50.0000			
84 Chlorobenzene	112	5.823	5.823	(1.003)	392817	56.1404	56.1		
86 Ethylbenzene	106	5.872	5.872	(1.012)	231745	56.1586	56.2		
85 1,1,1,2-Tetrachloroethane	131	5.884	5.884	(1.014)	125048	54.4491	54.4		
88 n-Nonane	43	5.902	5.903	(1.017)	138153	50.3773	50.4 (Q)		
87 m&p-Xylene	106	5.957	5.957	(1.026)	576733	114.584	114		
89 o-Xylene	106	6.250	6.250	(1.077)	276017	56.2019	56.2		
90 Styrene	104	6.268	6.268	(1.080)	457228	56.9293	56.9		
91 Bromoform	173	6.433	6.433	(1.108)	60727	49.6298	49.6		
92 Isopropylbenzene (Cumene)	105	6.506	6.506	(0.862)	740119	52.6519	52.6		
\$ 93 4-Bromofluorobenzene (S)	95	6.664	6.665	(1.148)	240309	51.6489	51.6		
94 Bromobenzene	156	6.780	6.780	(0.898)	157685	52.1184	52.1		
95 1,1,2,2-Tetrachloroethane	83	6.786	6.786	(0.899)	146656	45.6829	45.7		
98 n-Propylbenzene	91	6.817	6.817	(0.903)	880364	54.2169	54.2		
96 1,2,3-Trichloropropane	110	6.835	6.835	(0.905)	51804	48.8129	48.8		
97 trans-1,4-Dichloro-2-butene	53	6.841	6.841	(0.906)	42427	46.6269	46.6		
103 n-Decane	43	6.896	6.896	(1.188)	152014	75.0921	75.1 (Q)		
99 2-Chlorotoluene	91	6.908	6.908	(0.915)	575156	51.7965	51.8		
100 4-Ethyltoluene	105	6.902	6.902	(0.914)	764999	55.3383	55.3		
101 1,3,5-Trimethylbenzene	105	6.957	6.957	(0.922)	599385	52.8005	52.8		
102 4-Chlorotoluene	91	7.000	7.000	(0.927)	498202	49.9638	50.0		
104 tert-Butylbenzene	119	7.195	7.195	(0.953)	513272	53.8110	53.8		
105 Pentachloroethane	167	7.244	7.244	(0.960)	78259	51.3493	51.3		
106 1,2,4-Trimethylbenzene	105	7.244	7.244	(0.960)	598818	55.0711	55.1		
107 sec-Butylbenzene	105	7.359	7.360	(0.975)	774826	55.9607	56.0		
109 d-Limonene	136	7.426	7.427	(1.279)	32605	51.2842	51.3		
110 p-Isopropyltoluene	119	7.475	7.475	(0.990)	648130	57.0913	57.1		
108 1,3-Dichlorobenzene	146	7.487	7.488	(0.992)	307303	56.0503	56.0		
* 111 1,4-Dichlorobenzene-d4 (IS)	152	7.548	7.542	(1.000)	250472	50.0000			
112 1,4-Dichlorobenzene	146	7.567	7.567	(1.002)	313802	55.8844	55.9		
113 1,2,3-Trimethylbenzene	105	7.573	7.573	(1.003)	610406	55.0350	55.0		
114 Benzyl chloride	91	7.676	7.670	(1.017)	231901	40.3511	40.4		
115 trans-Decalin	138	7.768	7.768	(1.029)	119828	53.3548	53.4		
116 1,4-Diethylbenzene	119	7.774	7.774	(1.030)	359258	58.1883	58.2		
117 n-Butylbenzene	91	7.792	7.792	(1.032)	690043	57.2124	57.2		
119 n-Undecane	43	7.817	7.817	(1.036)	142055	127.249	127 (Q)		
118 1,2-Dichlorobenzene	146	7.859	7.853	(1.041)	288840	55.4484	55.4		
120 cis-Decalin	138	8.207	8.207	(1.087)	99530	54.6218	54.6		
121 1,2,4,5-tetramethylbenzene	119	8.396	8.396	(1.112)	500937	66.9703	67.0		
122 1,2-Dibromo-3-chloropropane	75	8.481	8.481	(1.124)	24639	43.3568	43.4 (Q)		
123 n-Dodecane	43	Compound Not Detected.							(Q)
124 1,2,4-Trichlorobenzene	180	9.115	9.115	(1.208)	135208	54.5470	54.5		
125 Hexachloro-1,3-butadiene	225	9.213	9.207	(1.220)	55383	48.6025	48.6		
126 Naphthalene	128	9.329	9.329	(1.236)	378386	60.7937	60.8		
127 1,2,3-Trichlorobenzene	180	9.560	9.560	(1.267)	107423	50.2969	50.3		

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Report Date: 15-Feb-2021 11:55

QC Flag Legend

Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Review Codes Legend

:

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Report Date: 15-Feb-2021 11:55

Pace Analytical Services, Inc.

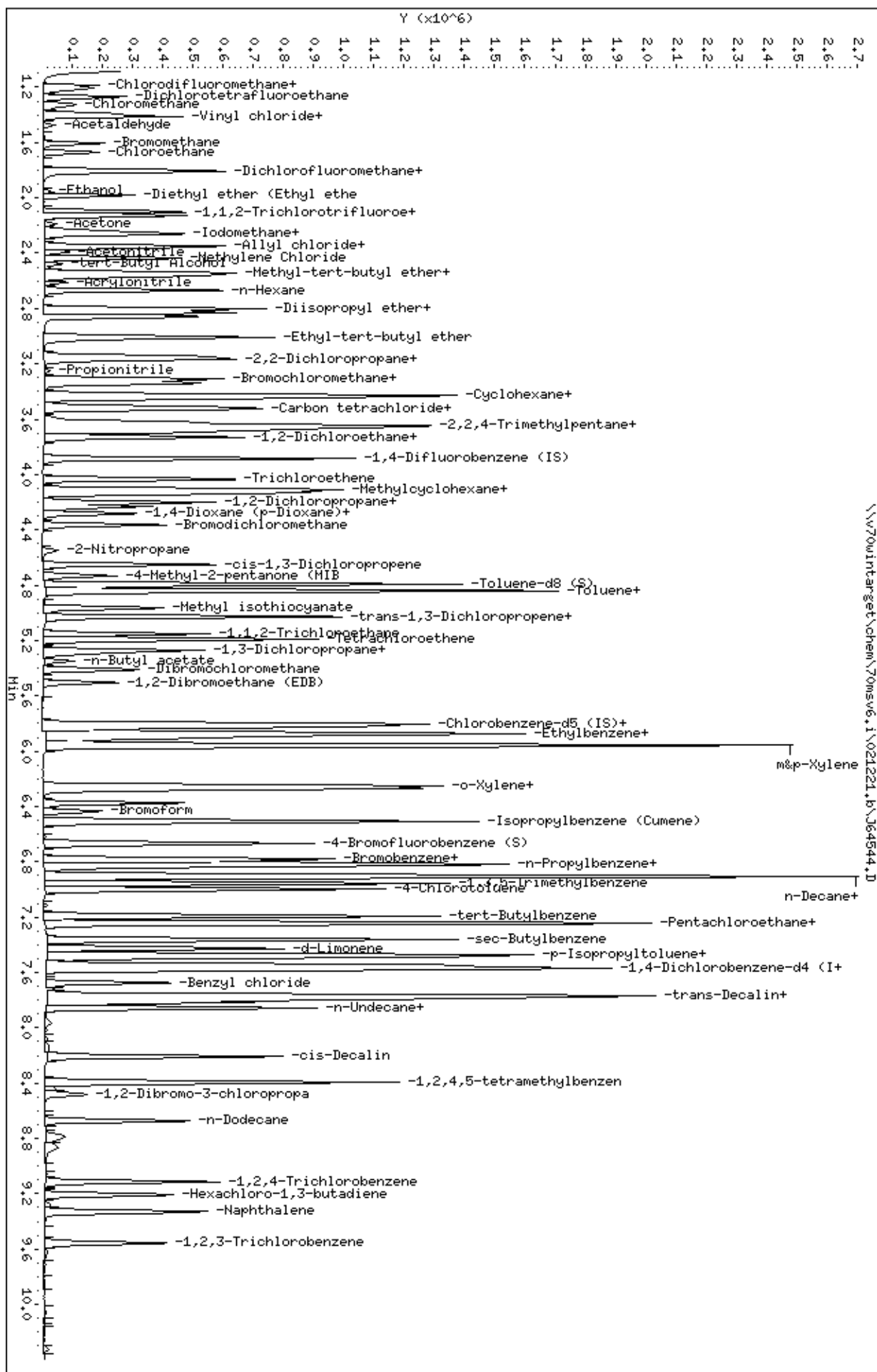
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Misc Info :	11006,	
Comment :		
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Meth Date :	15-Feb-2021 11:21 mferrari	Quant Type: ISTD
Cal Date :	07-DEC-2020 16:21	Cal File: J63316.D
Als bottle:	28	QC Sample: MSD
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Integrator:	HP RTE	Compound Sublist: 8260.sub
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Processing Host:	70MSV5WS10B6	

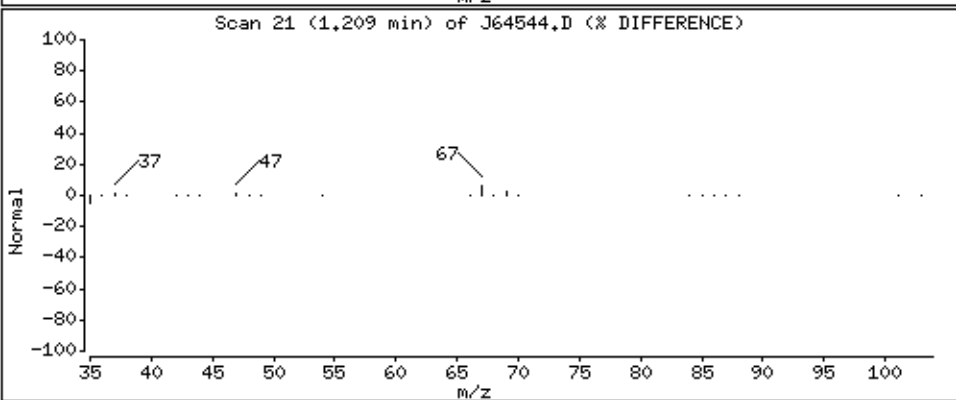
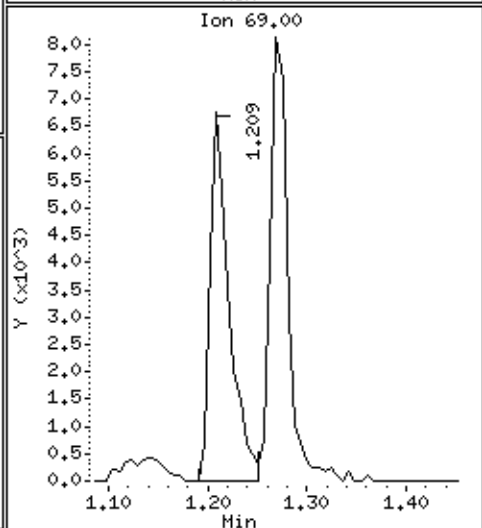
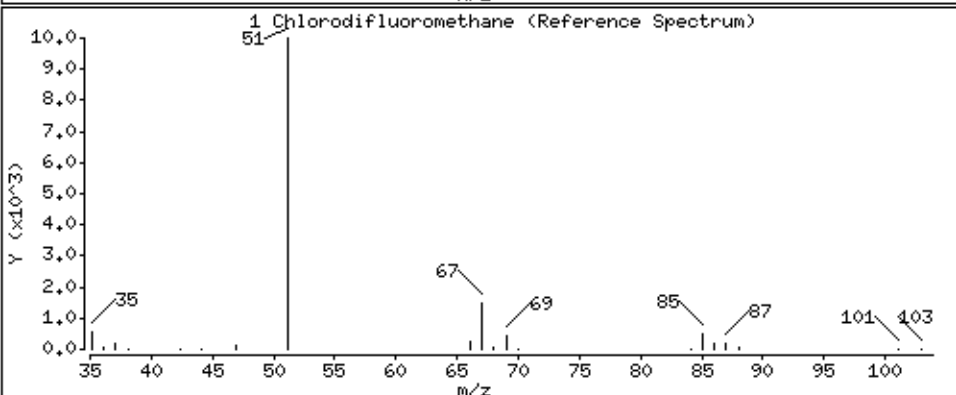
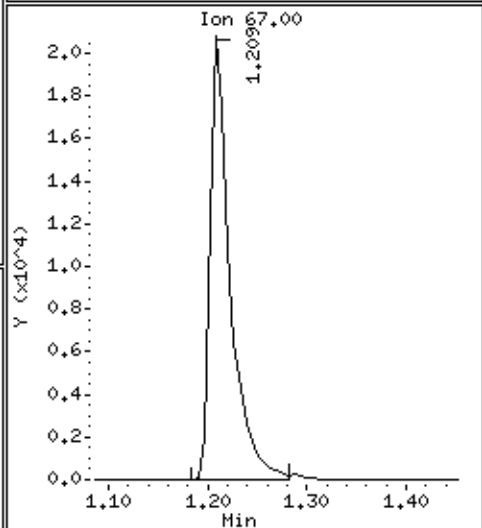
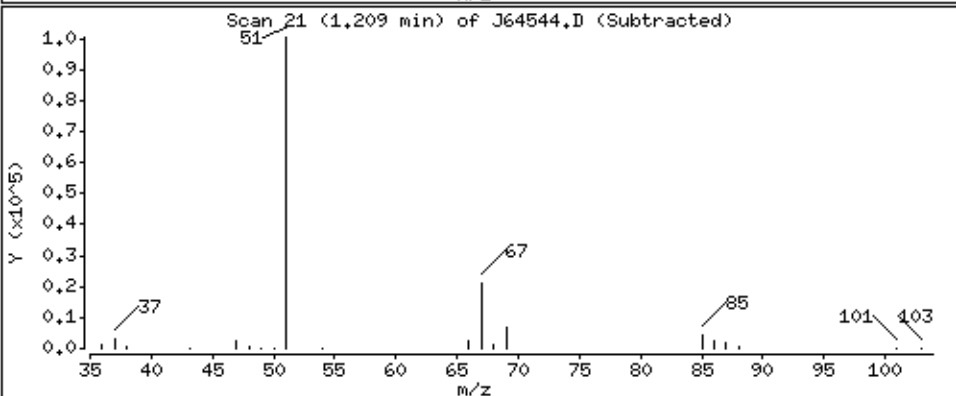
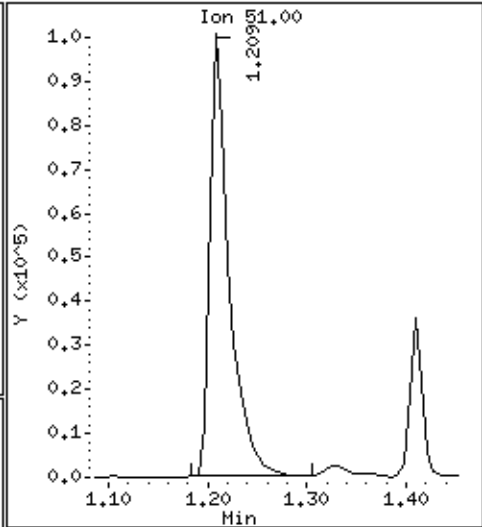
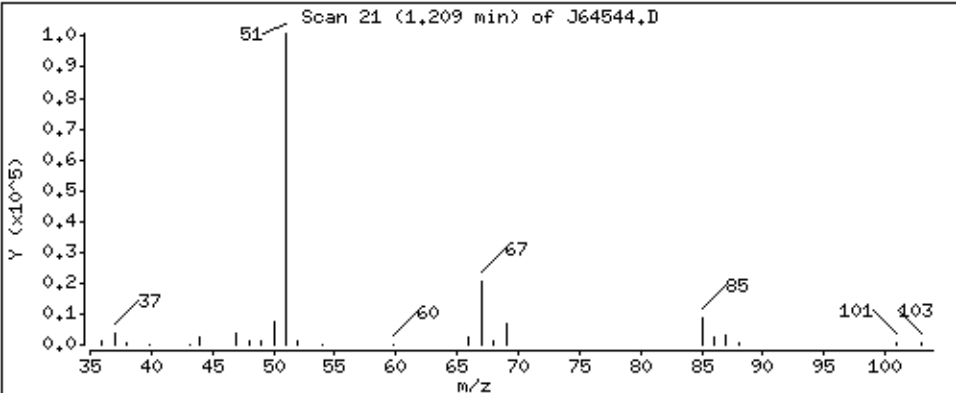
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 Client ID: HM-11SHSD
 Sample Info: 964043, 104750:1.25
 Purge Volume: 5.0
 Column phase: RTX-624

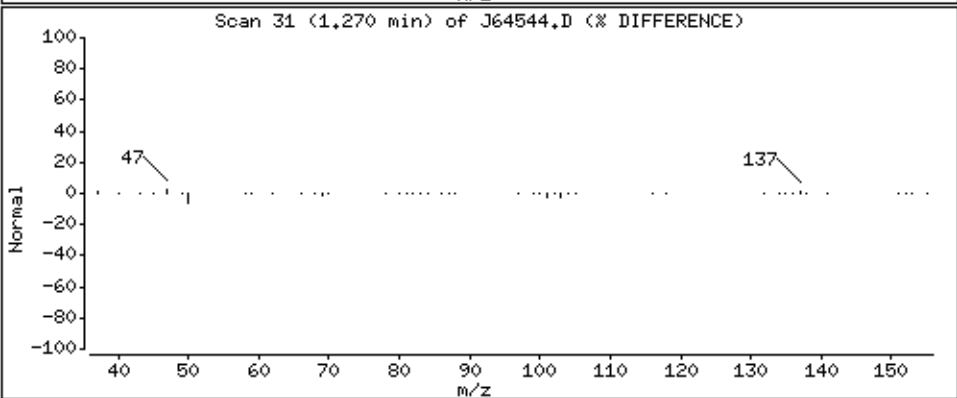
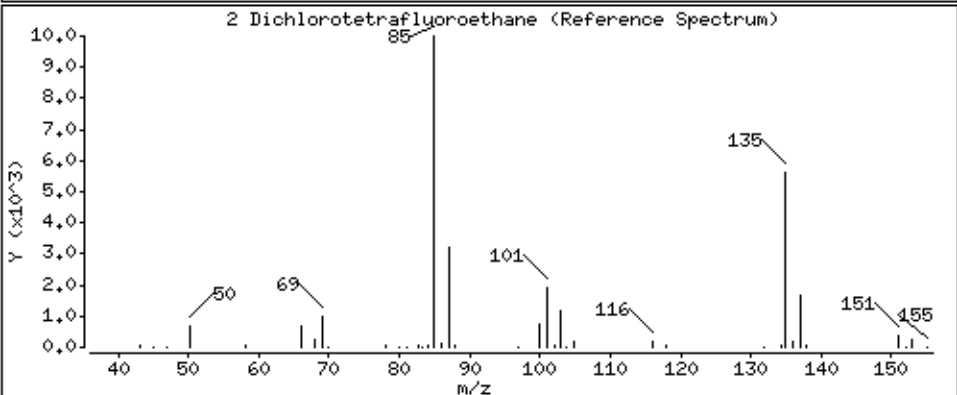
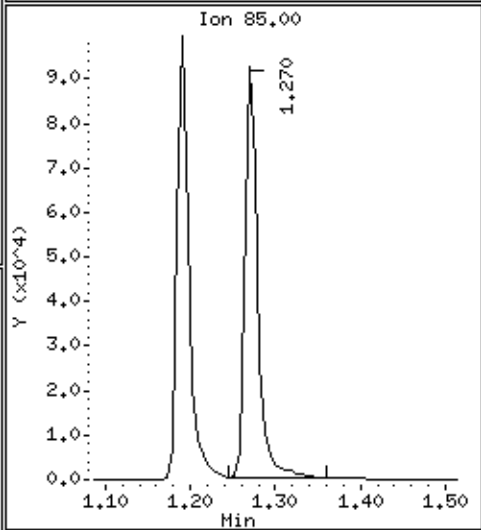
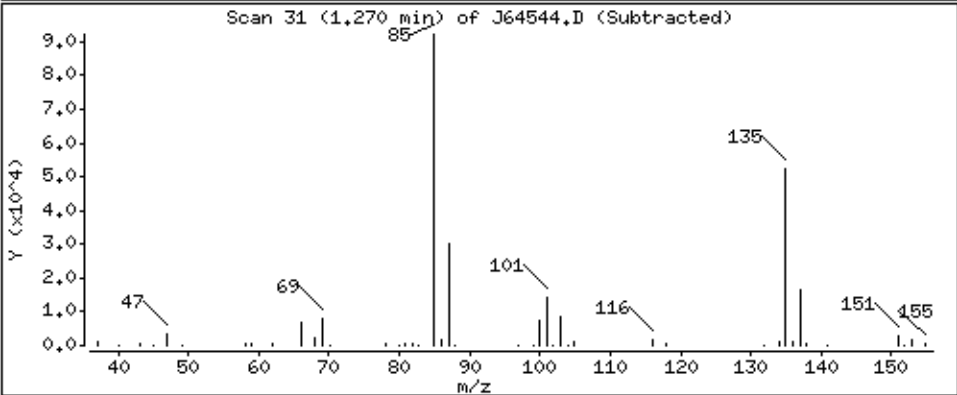
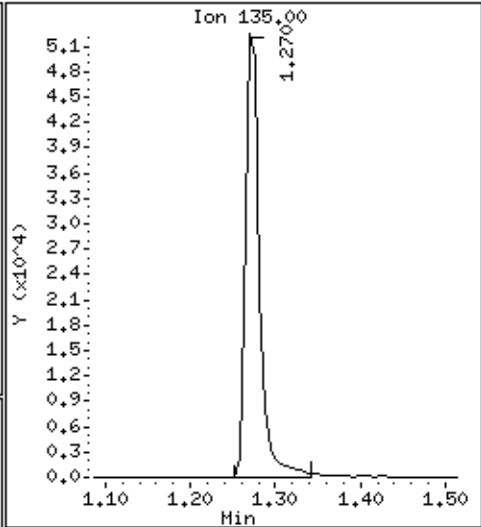
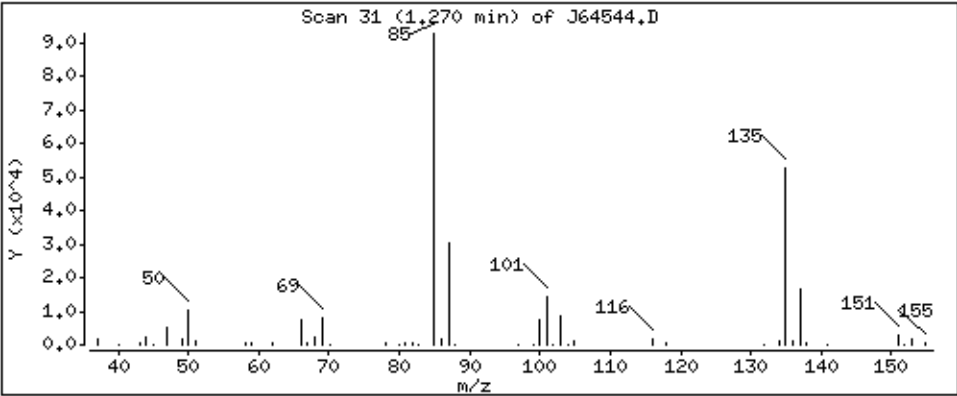
Instrument: 70msv6.i
 Operator: BBL
 Column diameter: 0.18



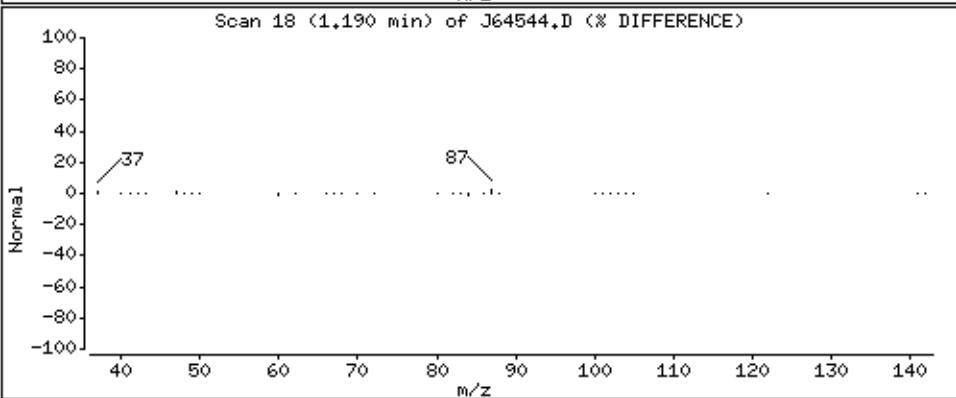
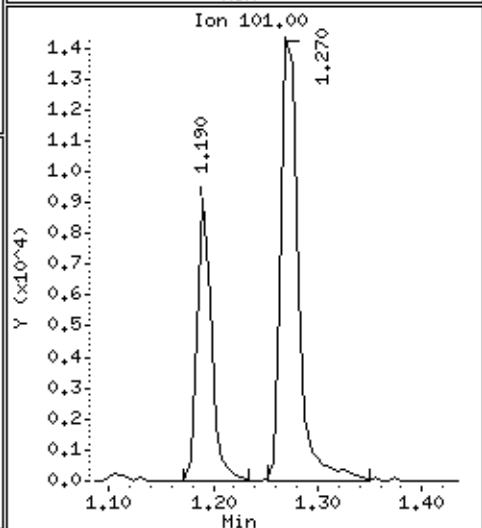
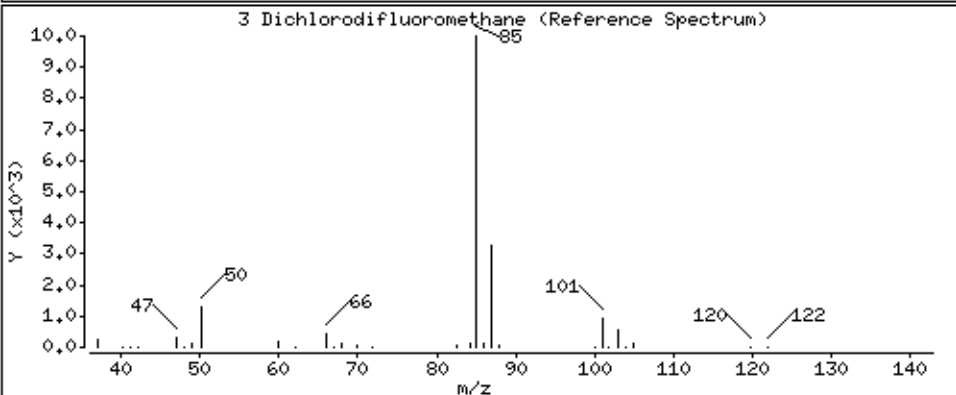
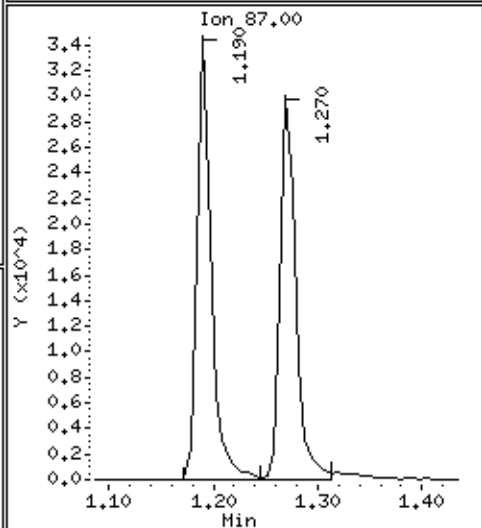
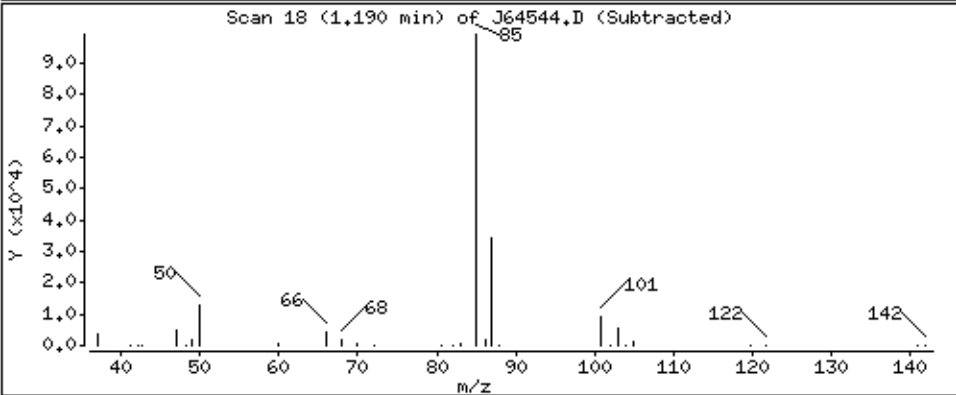
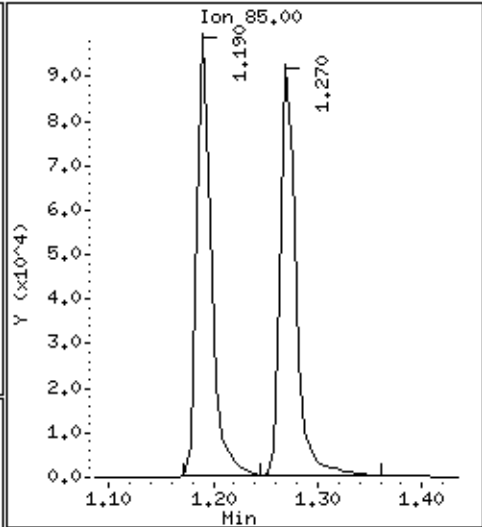
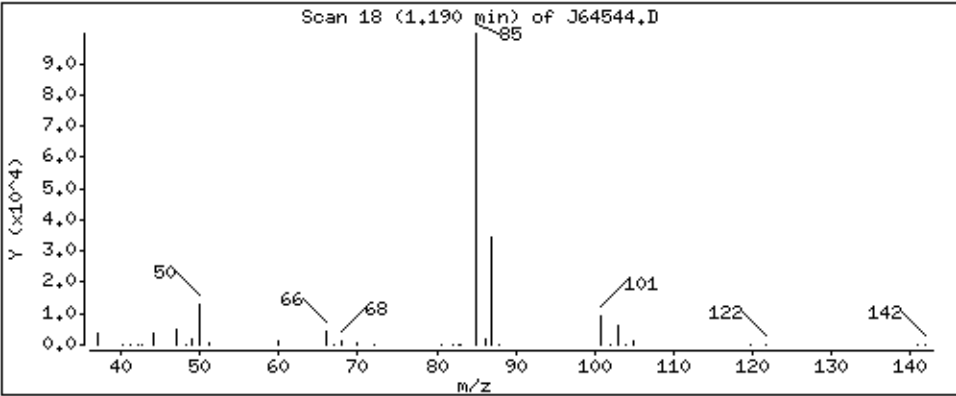
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Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
1 Chlorodifluoromethane
Concentration: 39.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



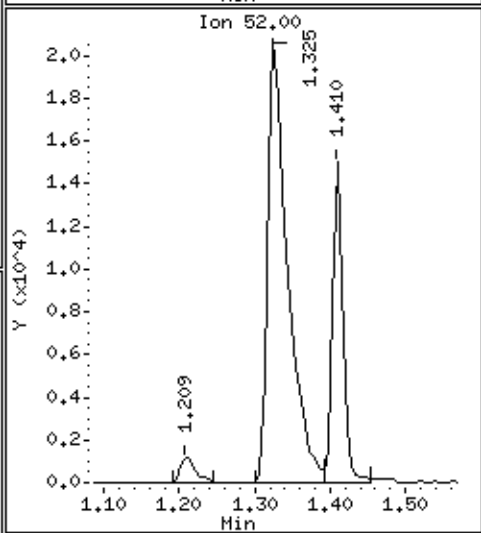
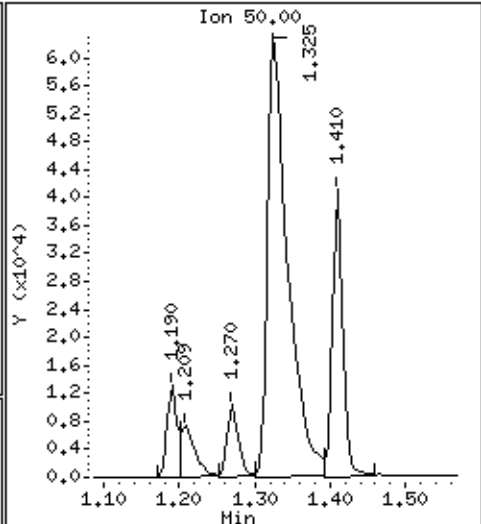
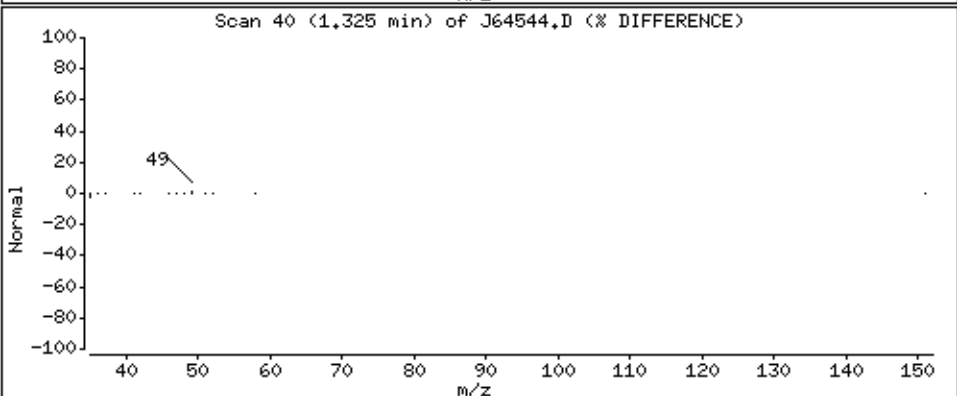
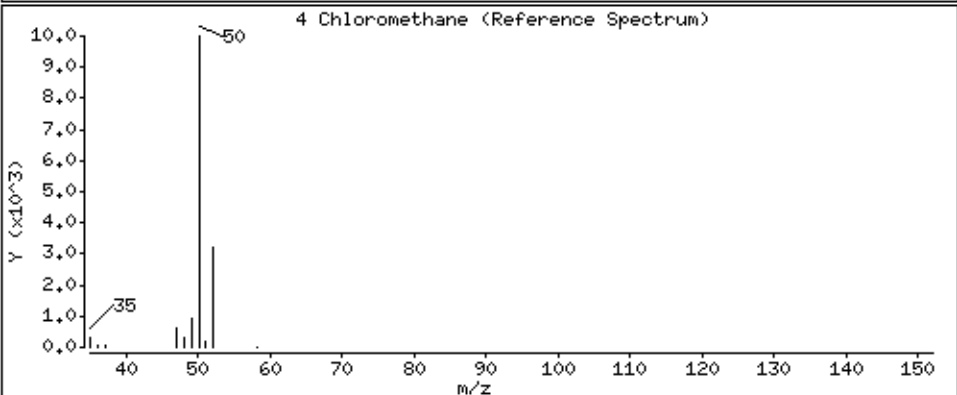
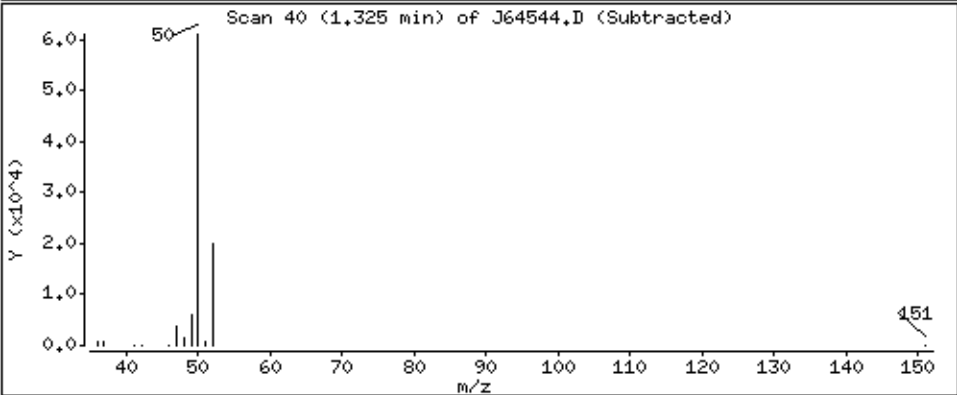
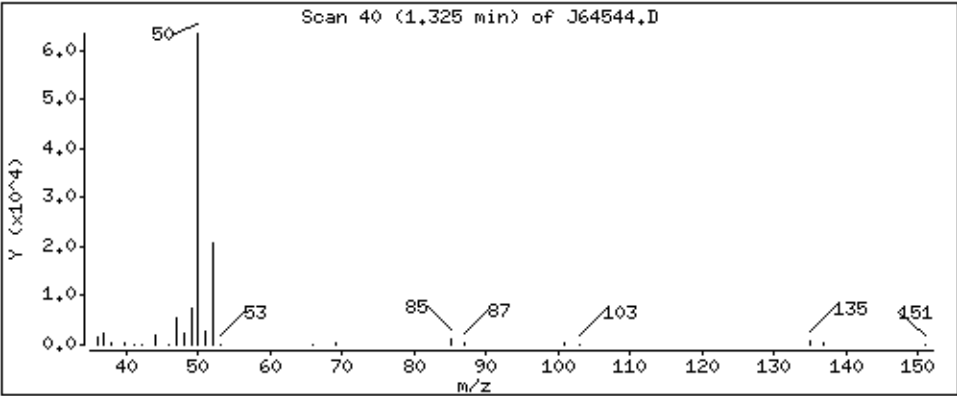
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
2 Dichlorotetrafluoroethane
Concentration: 40.3 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



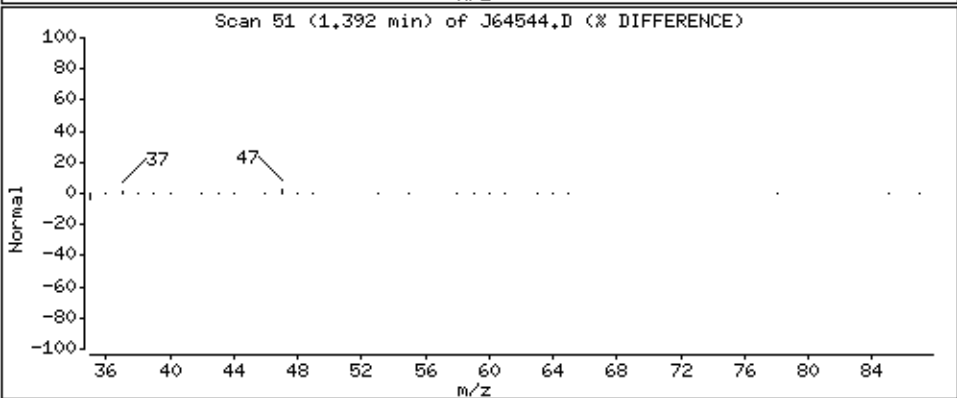
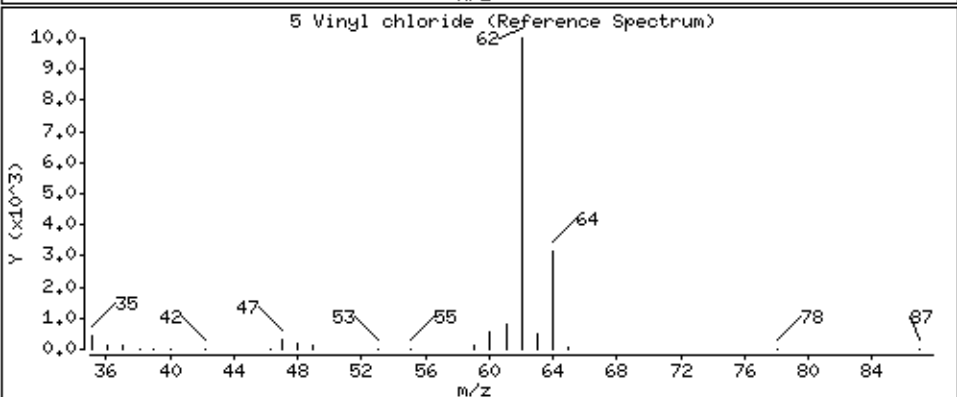
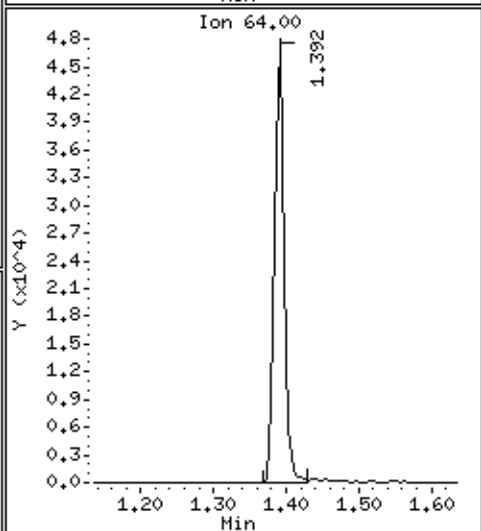
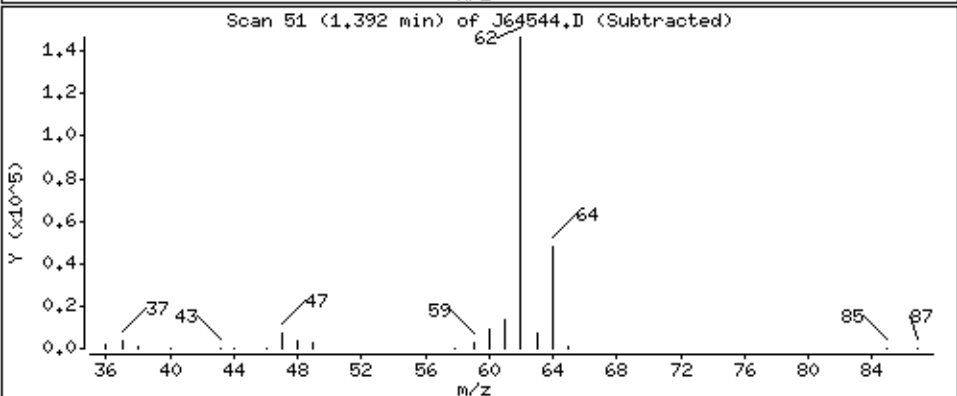
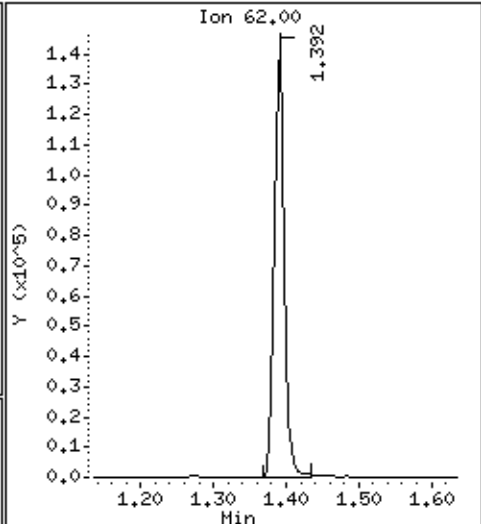
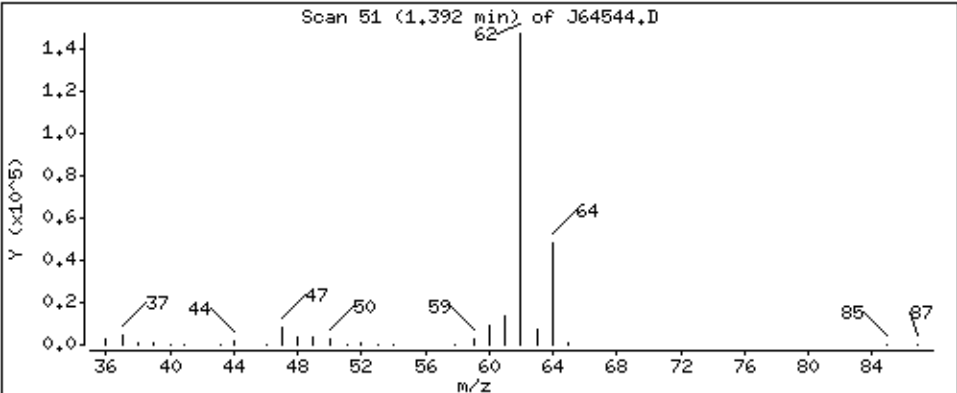
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
3 Dichlorodifluoromethane
Concentration: 29.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



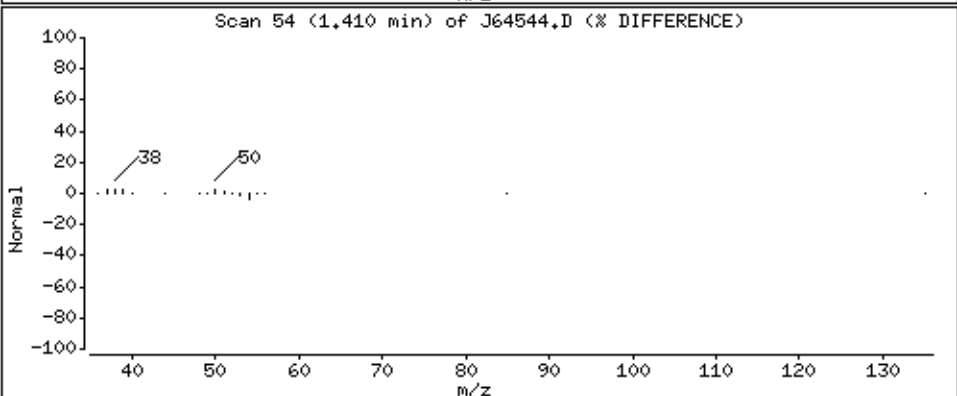
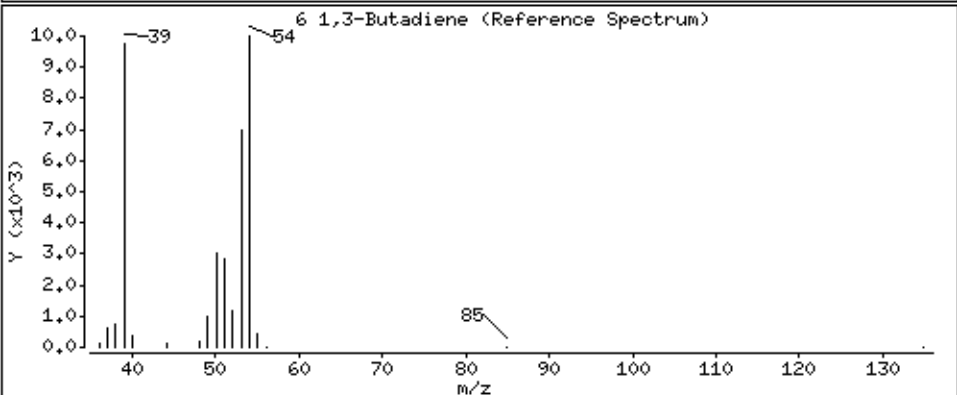
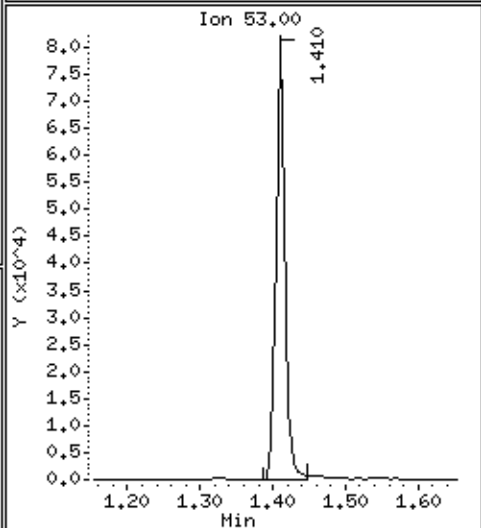
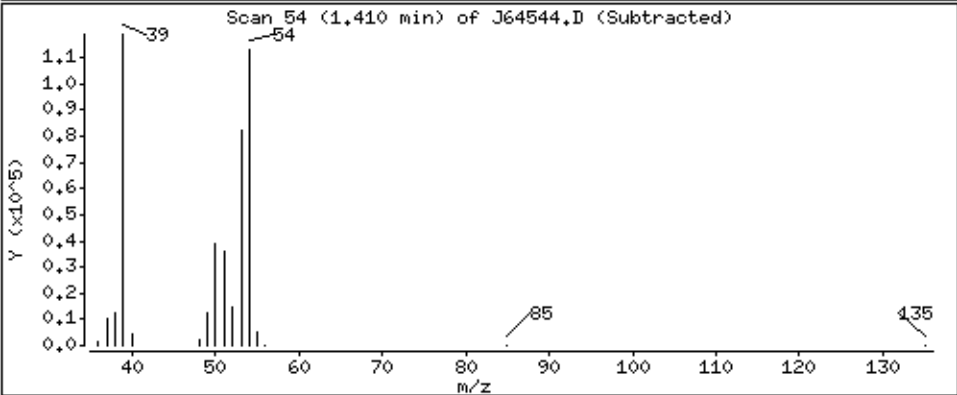
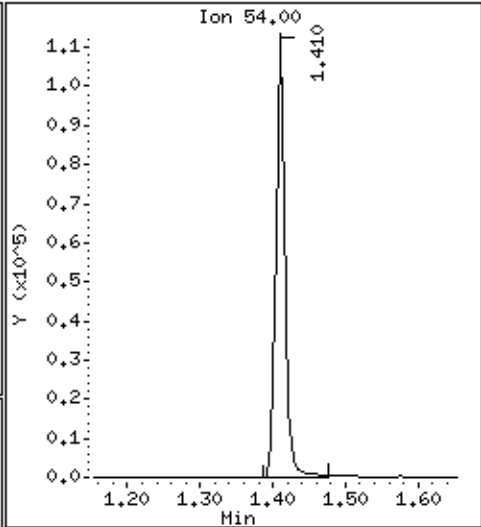
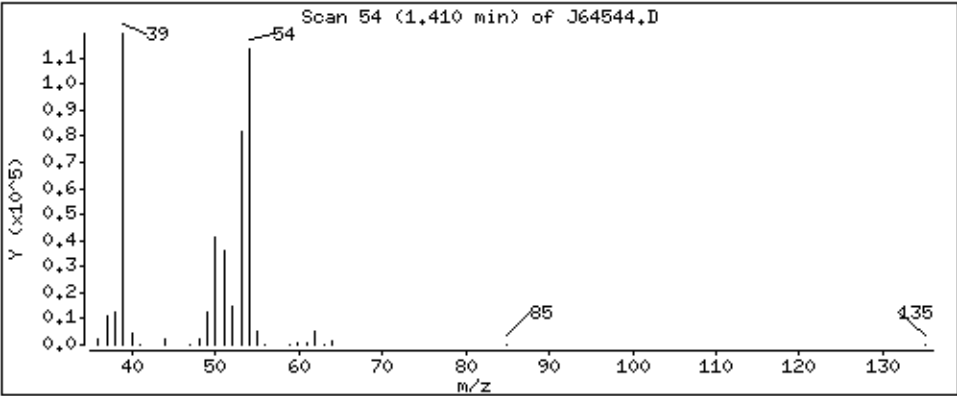
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Instrument: 70msv6.i
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
4 Chloromethane
Concentration: 37.7 ug/L
Review Code:



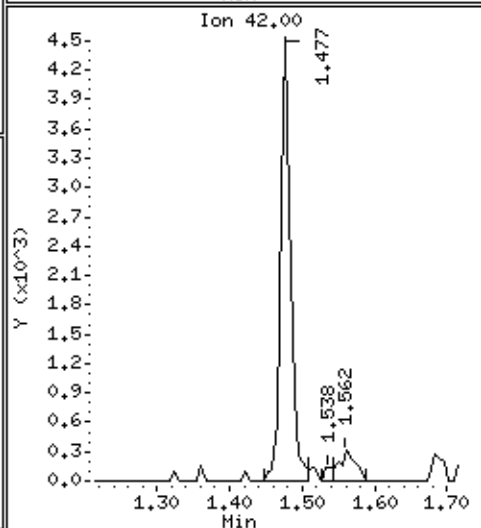
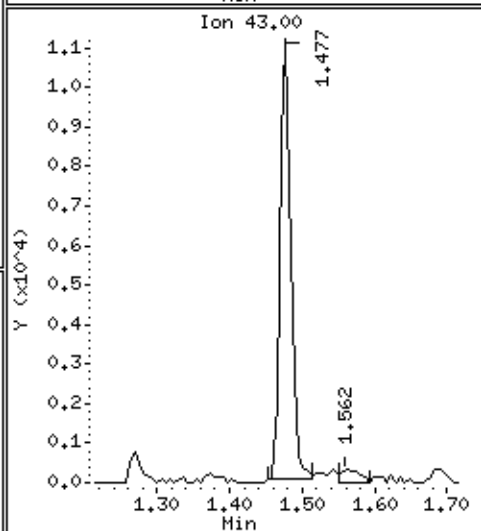
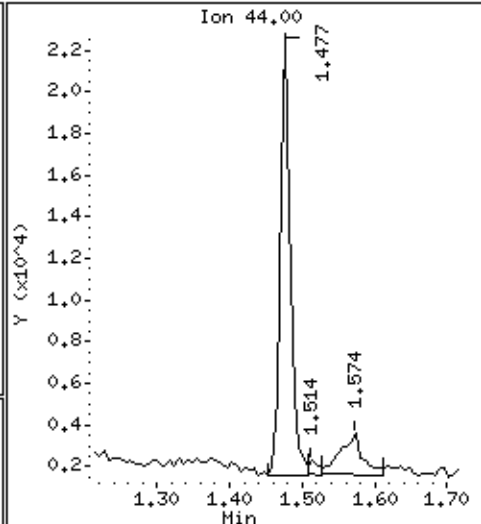
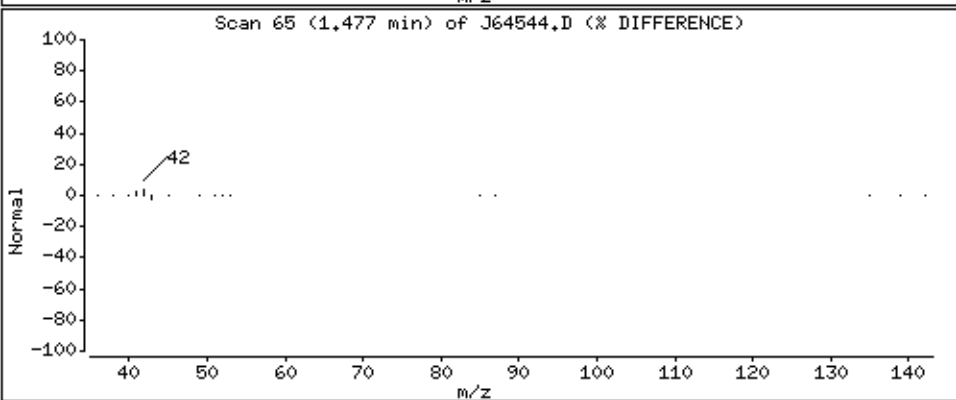
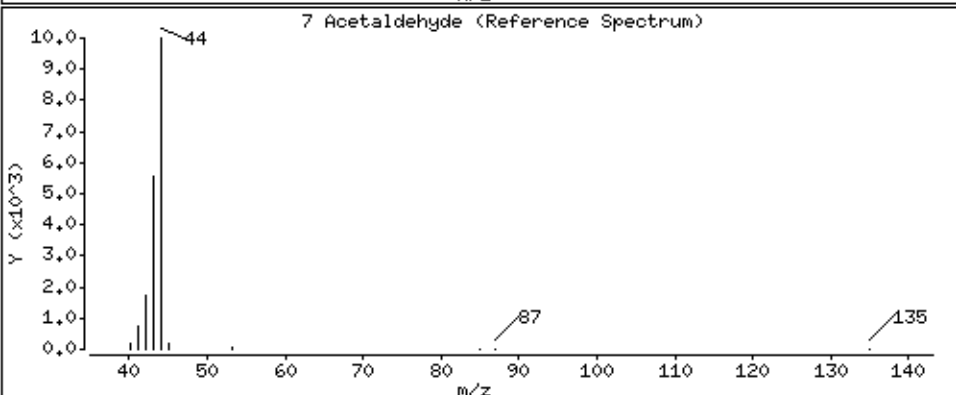
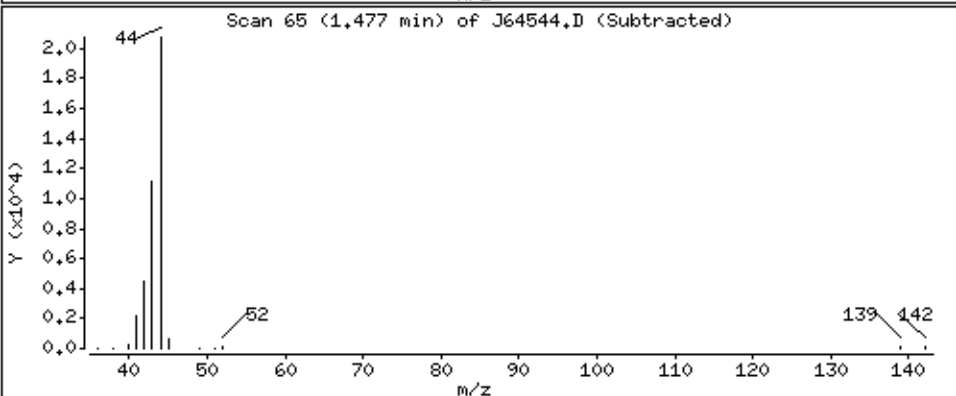
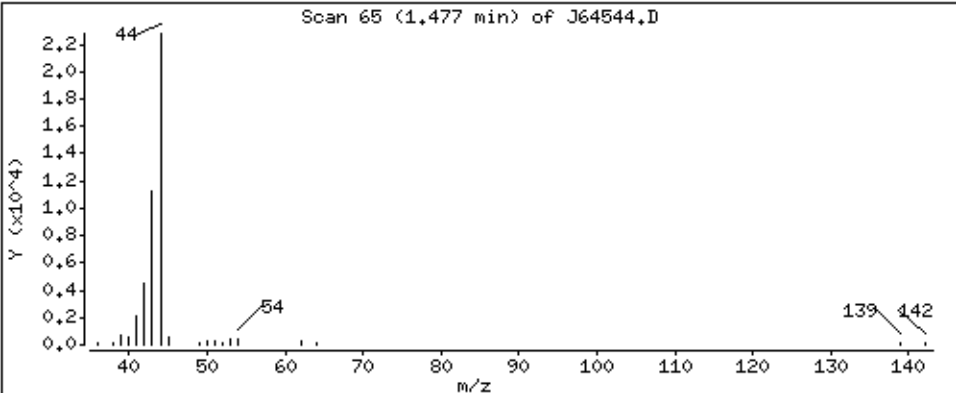
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
5 Vinyl chloride
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Concentration: 41.1 ug/L
Review Code:



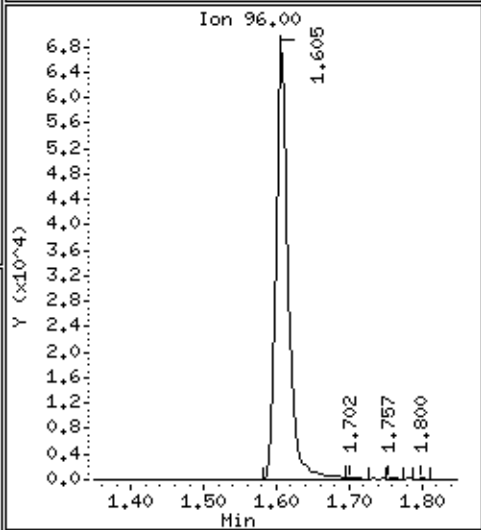
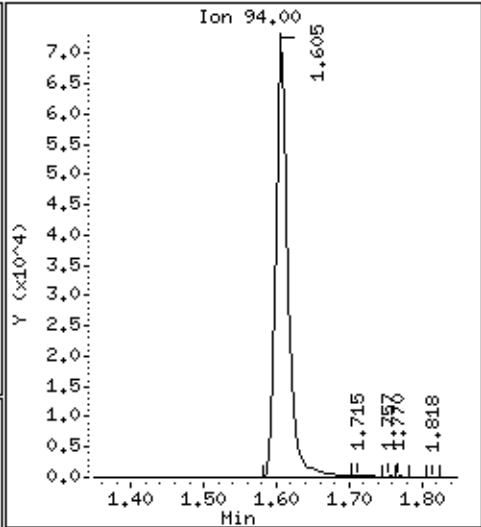
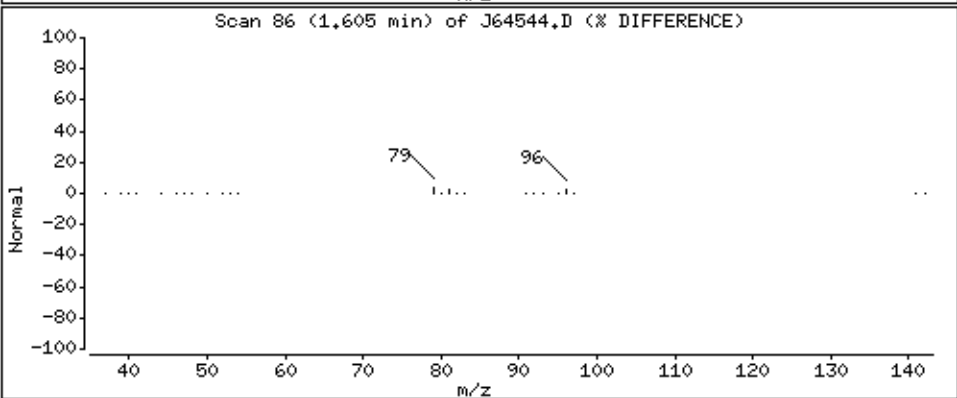
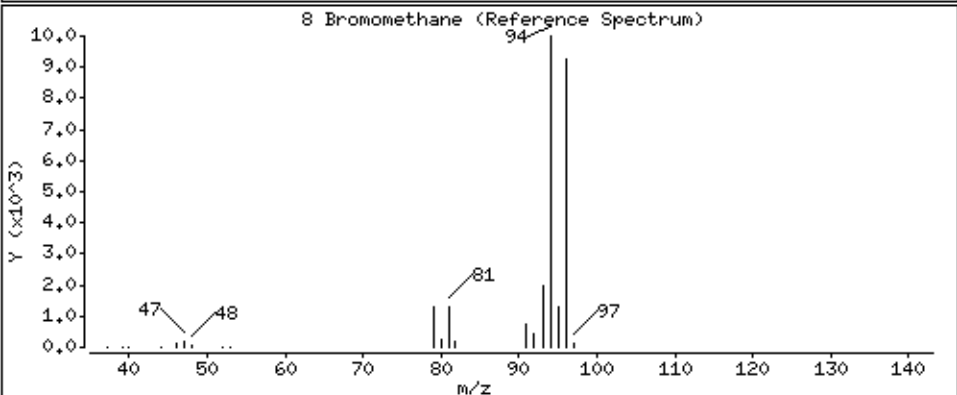
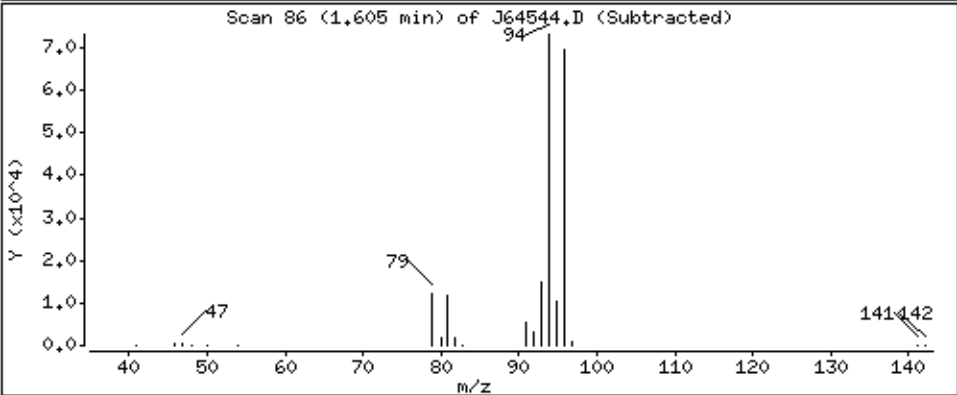
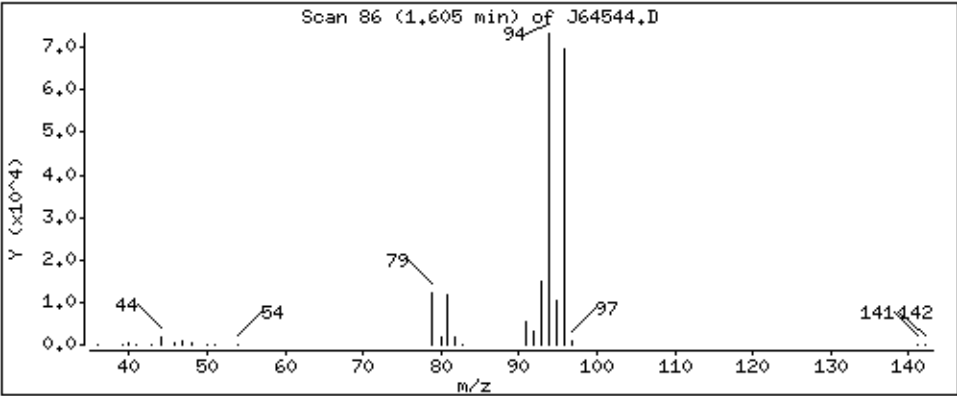
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
6 1,3-Butadiene
Concentration: 41.9 ug/L
Review Code:



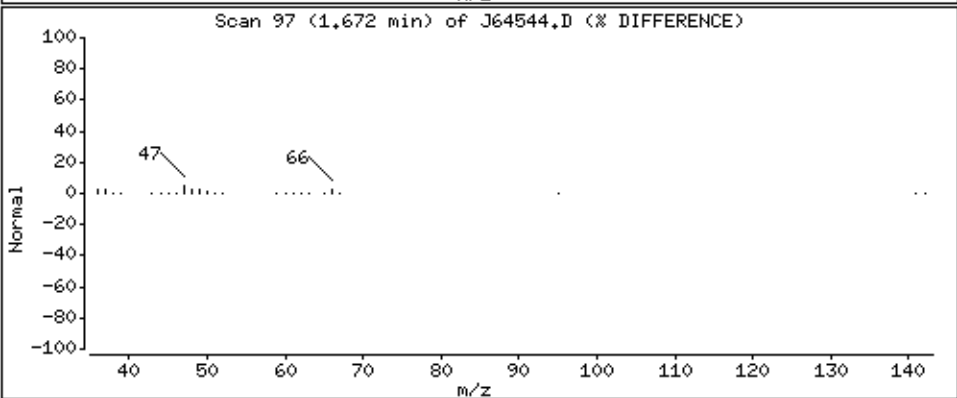
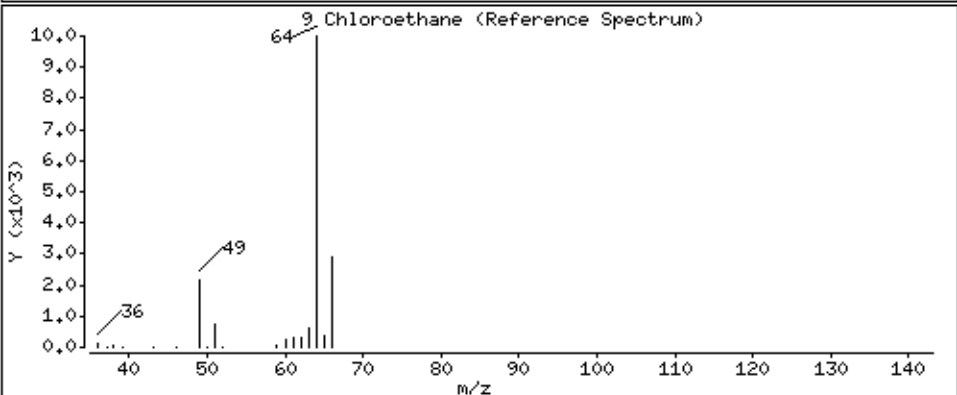
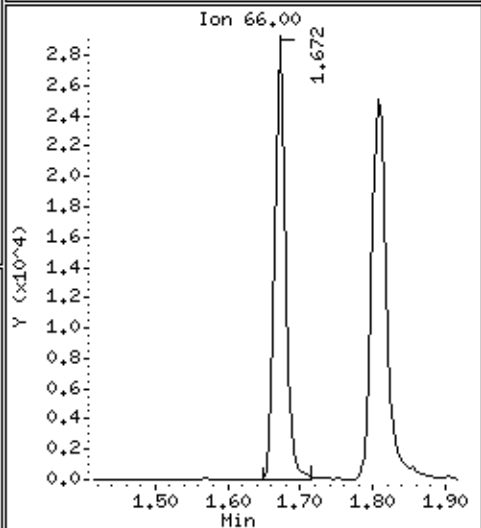
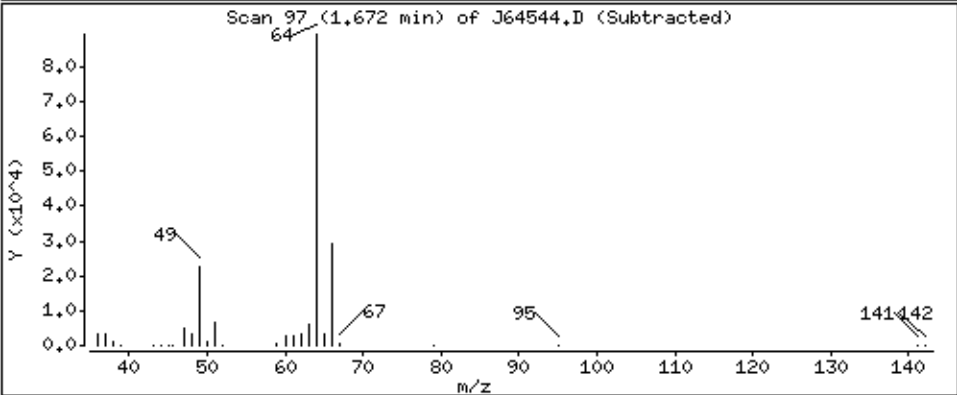
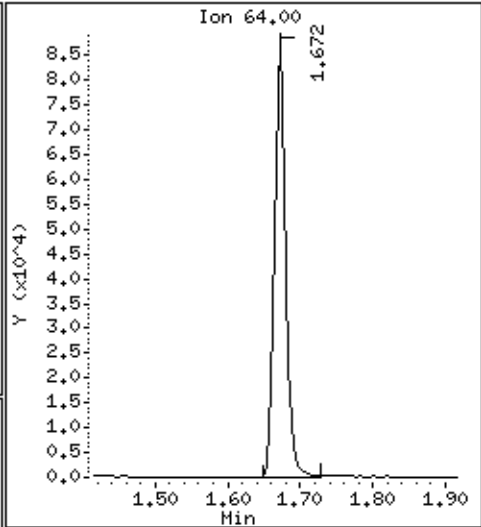
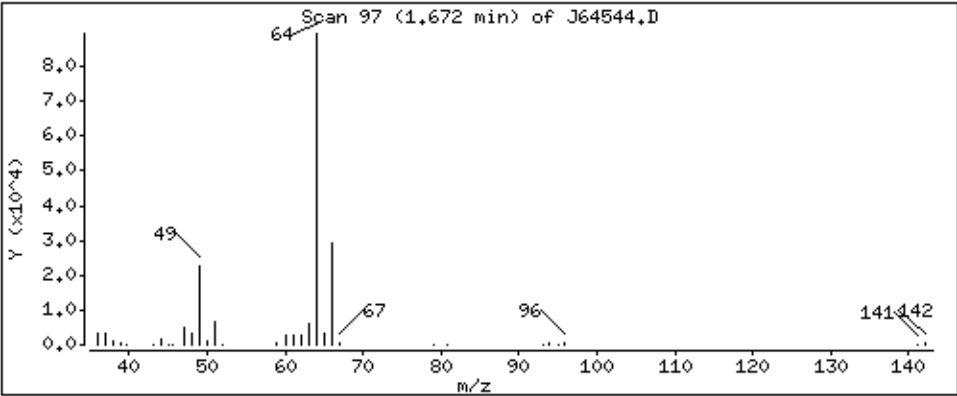
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
7 Acetaldehyde
Concentration: 35.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
8 Bromomethane
Concentration: 80.1 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

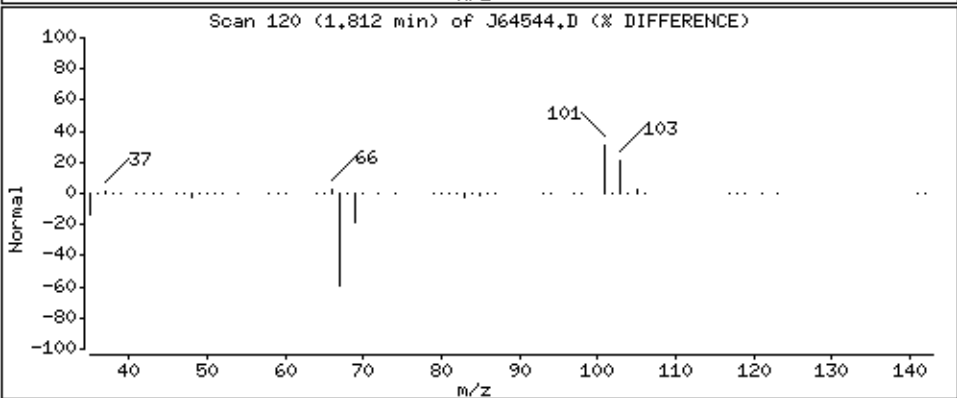
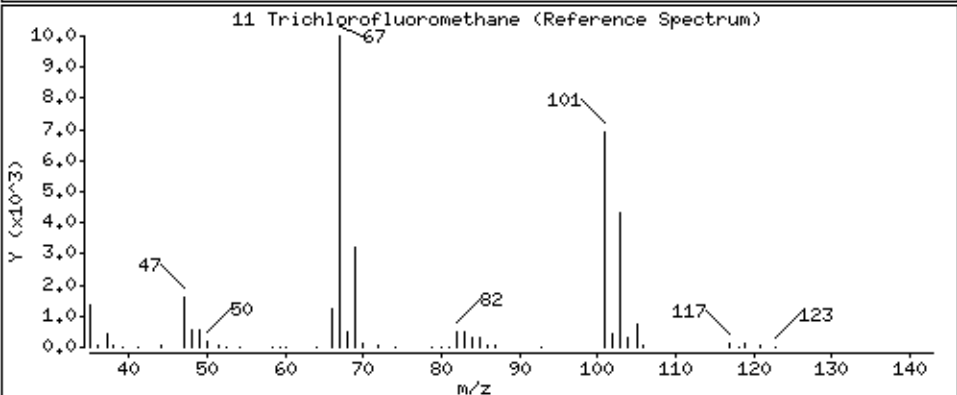
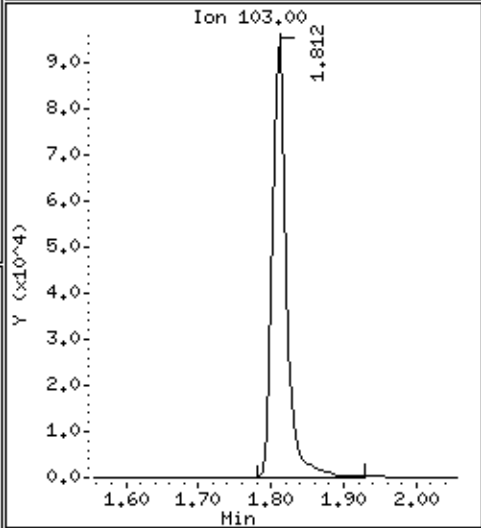
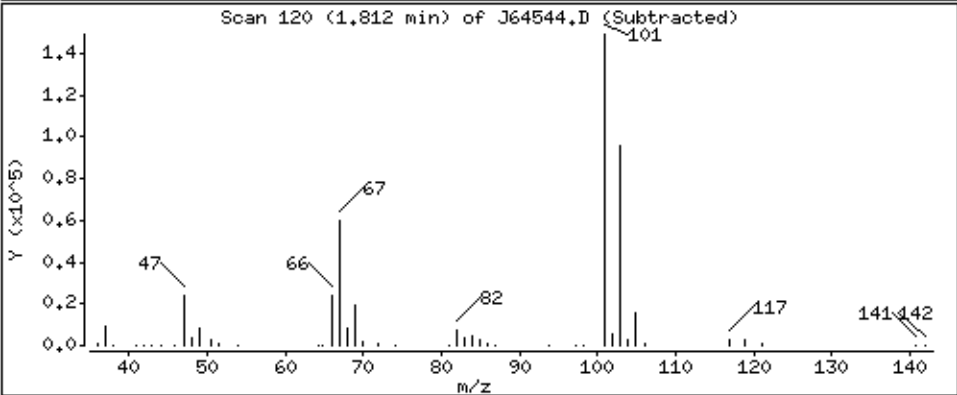
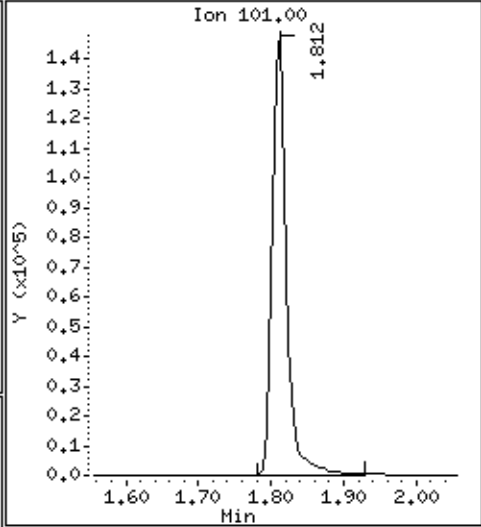
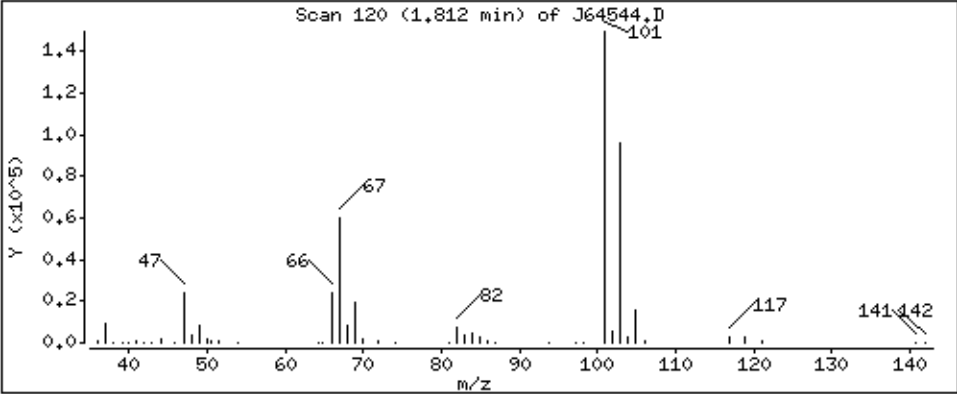


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
9 Chloroethane
Concentration: 46.5 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



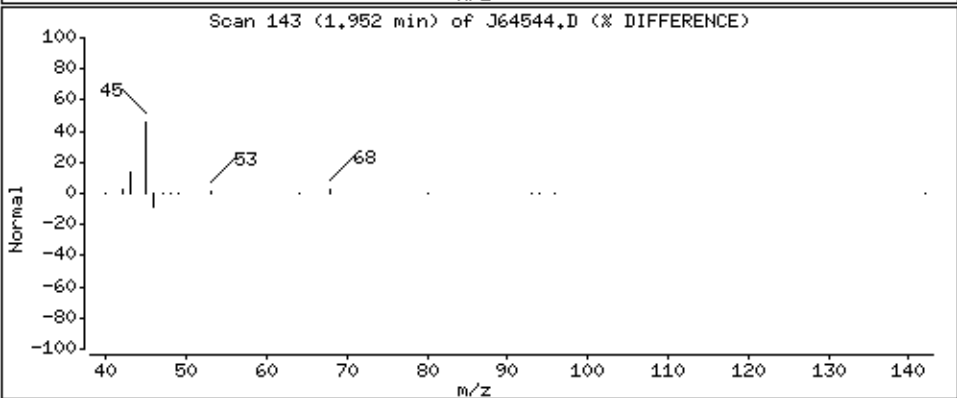
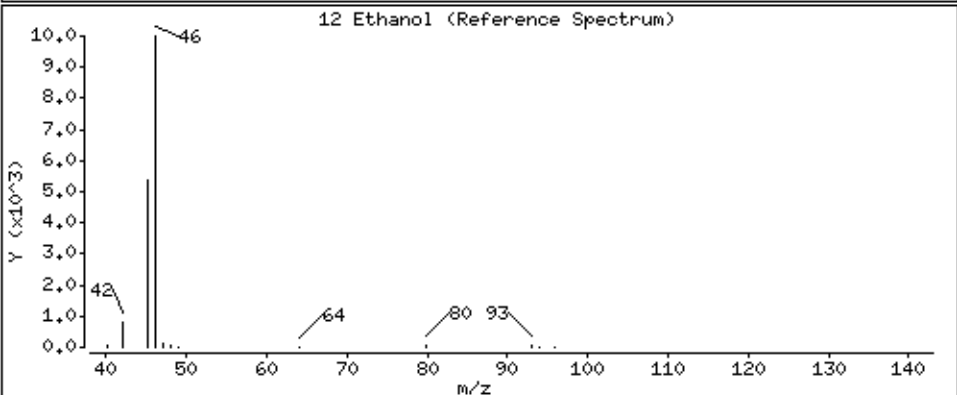
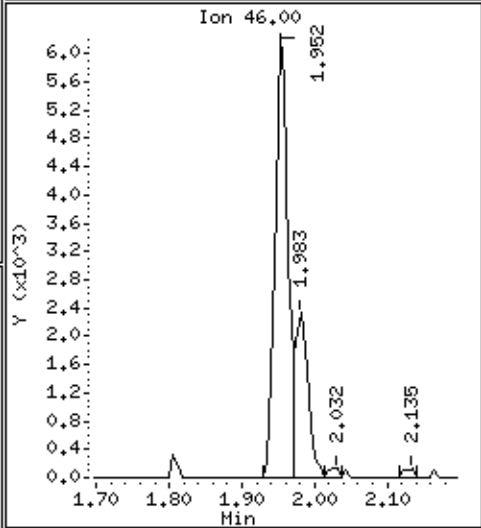
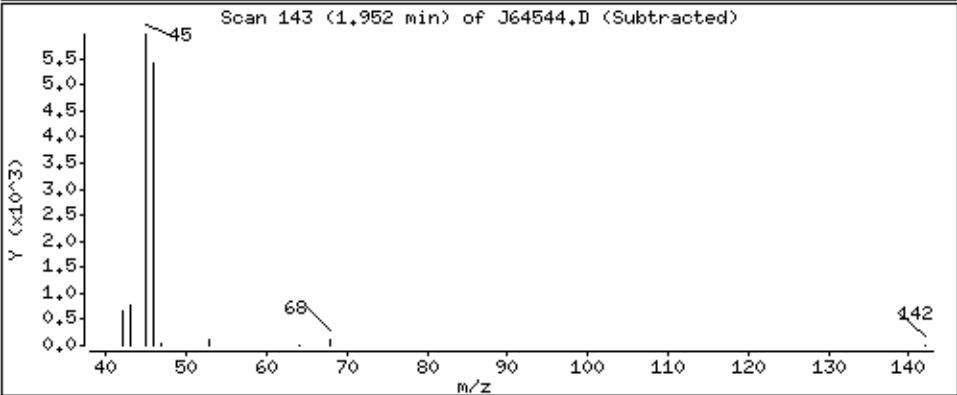
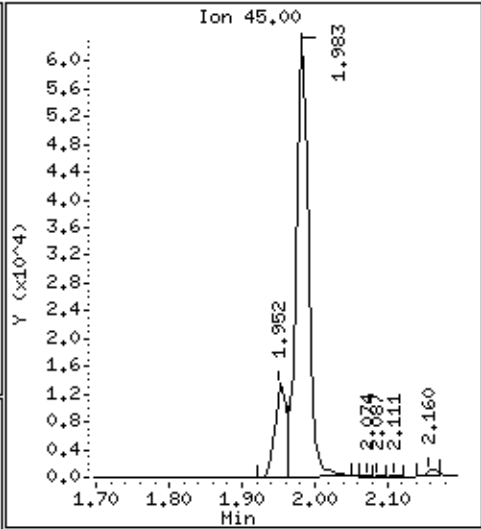
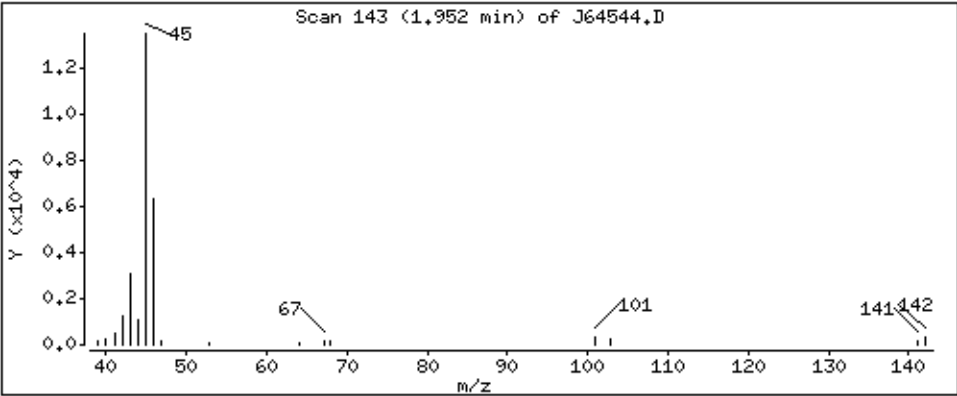
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 57.1 ug/L
Column diameter: 0.18

11 Trichlorofluoromethane
Concentration: 57.1 ug/L
Review Code:



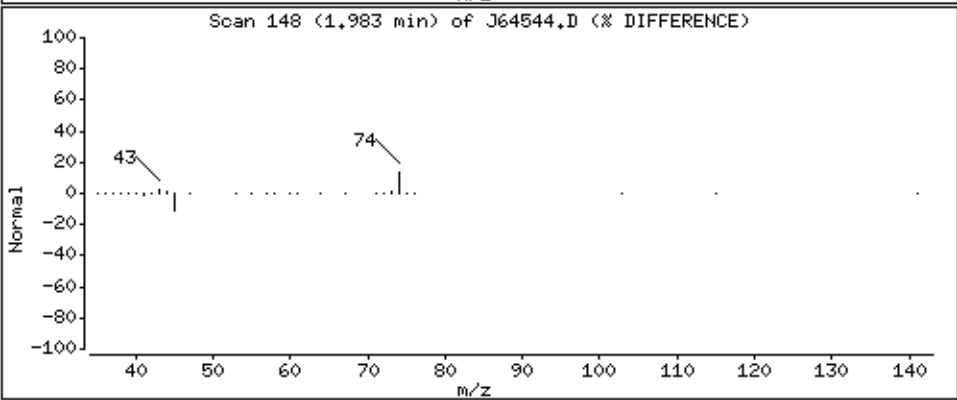
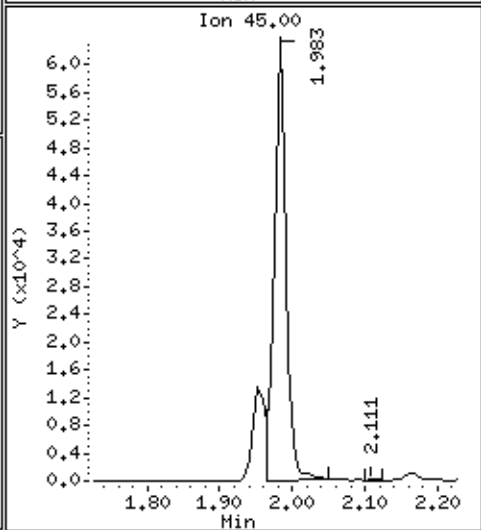
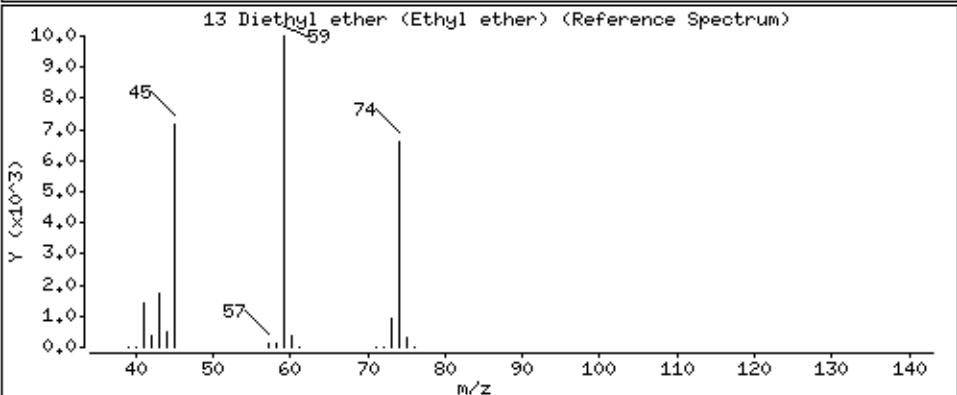
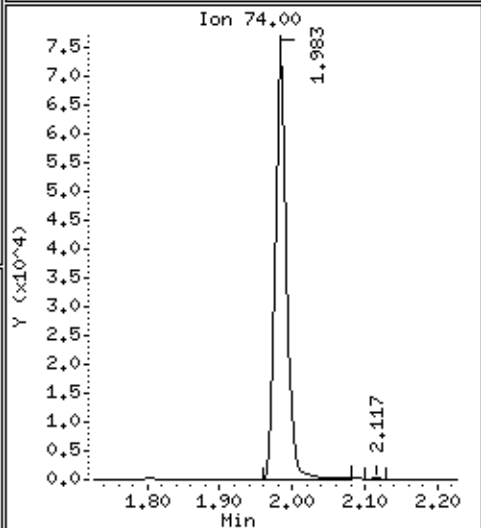
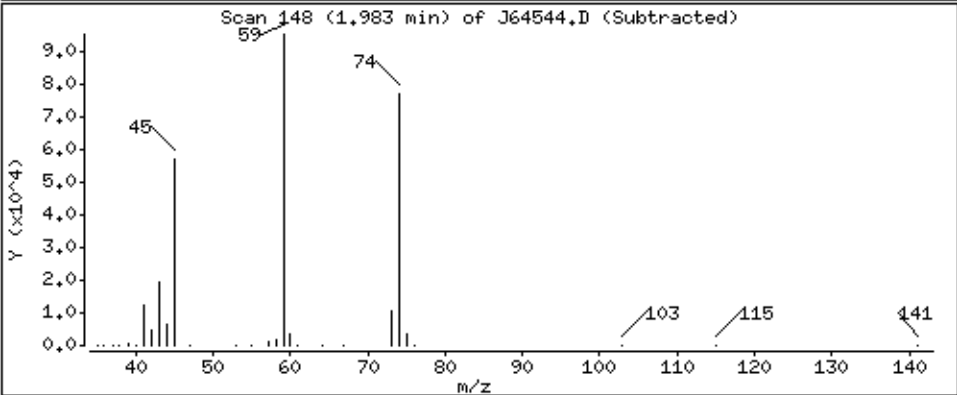
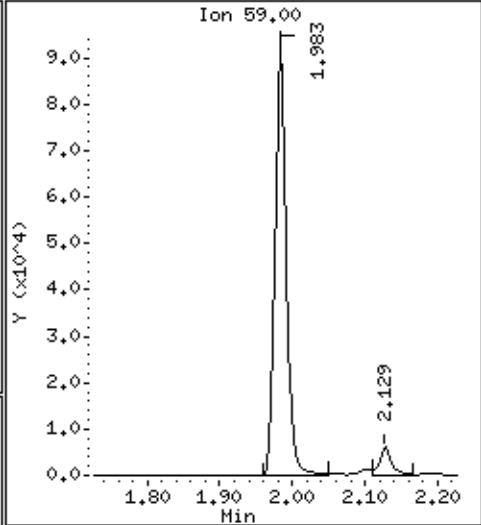
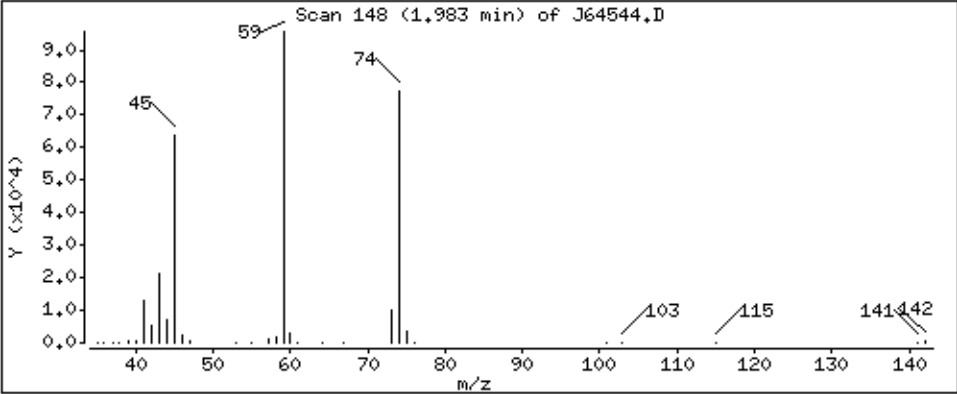
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

12 Ethanol Concentration: 1250 ug/L Review Code:



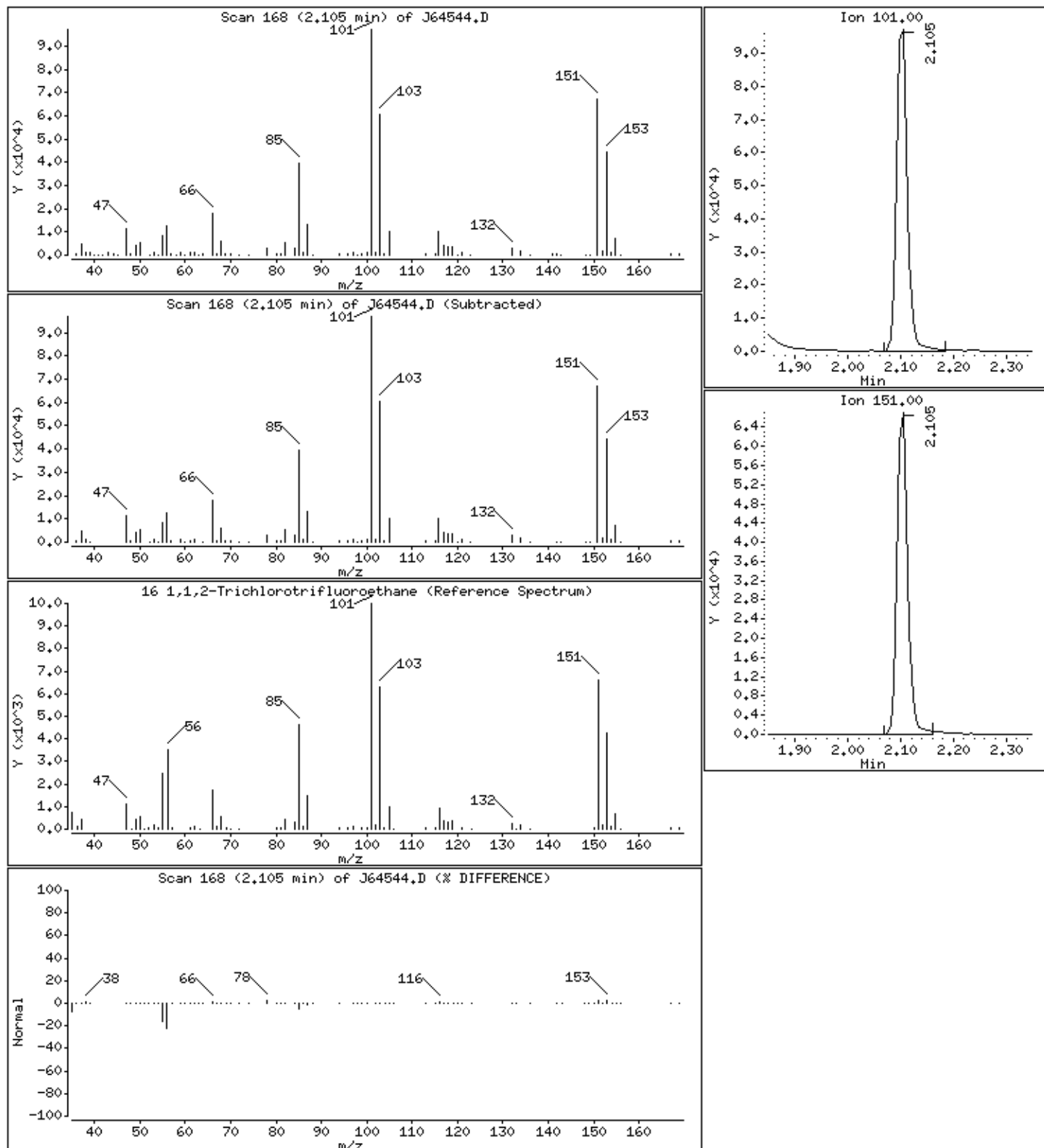
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

13 Diethyl ether (Ethyl ether) Concentration: 44.8 ug/L Review Code:



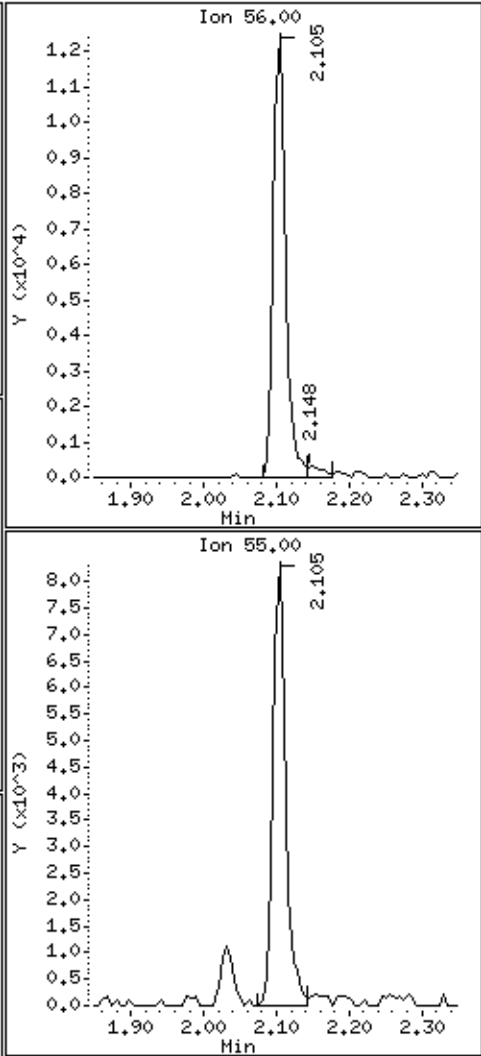
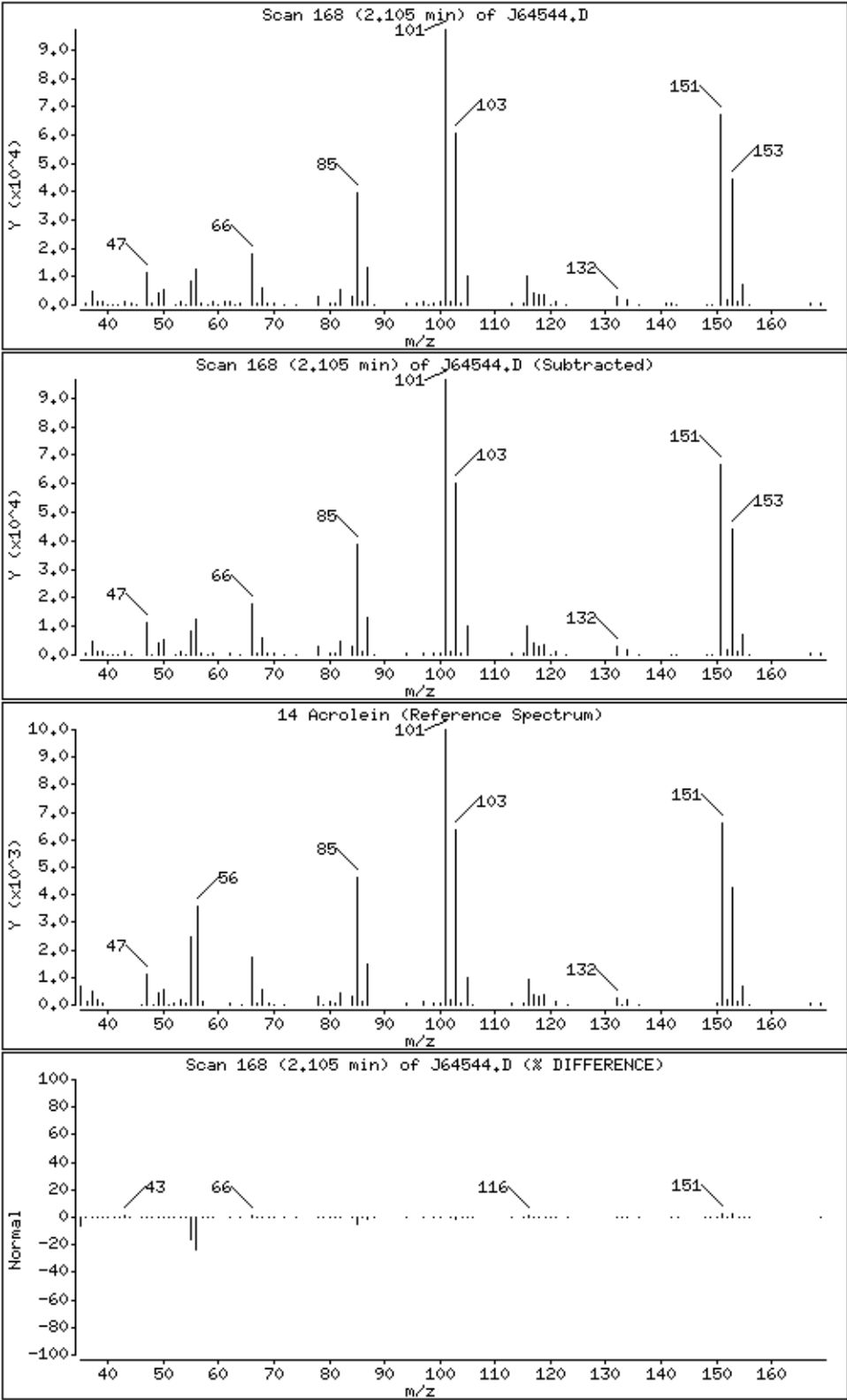
Column diameter: 0.18

Review Code:

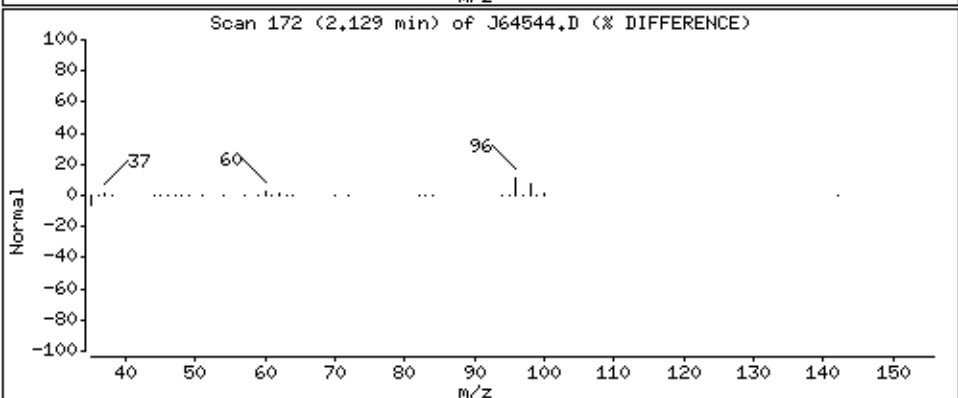
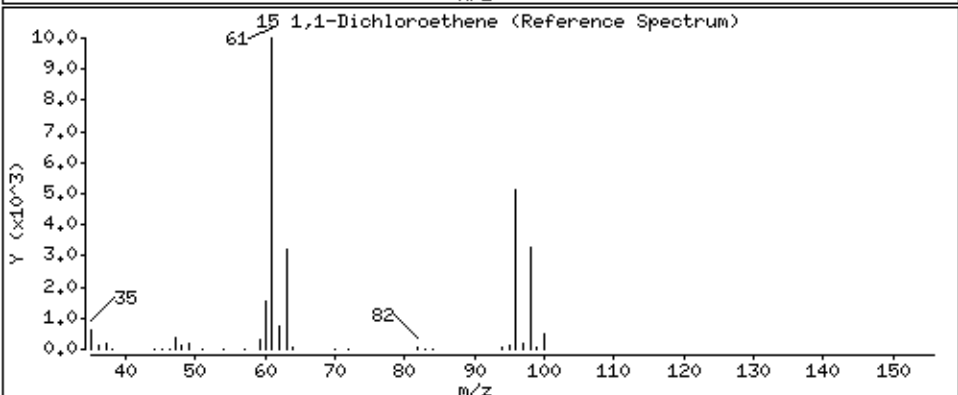
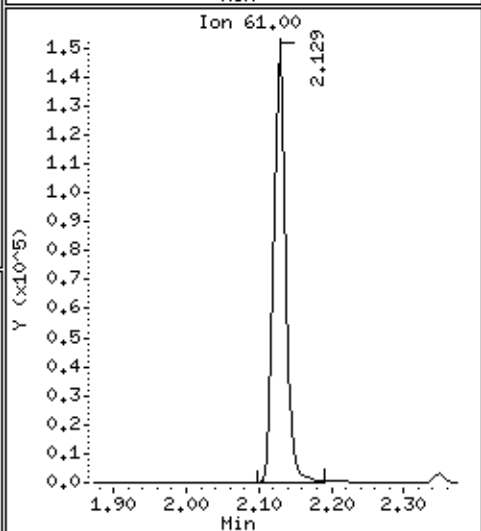
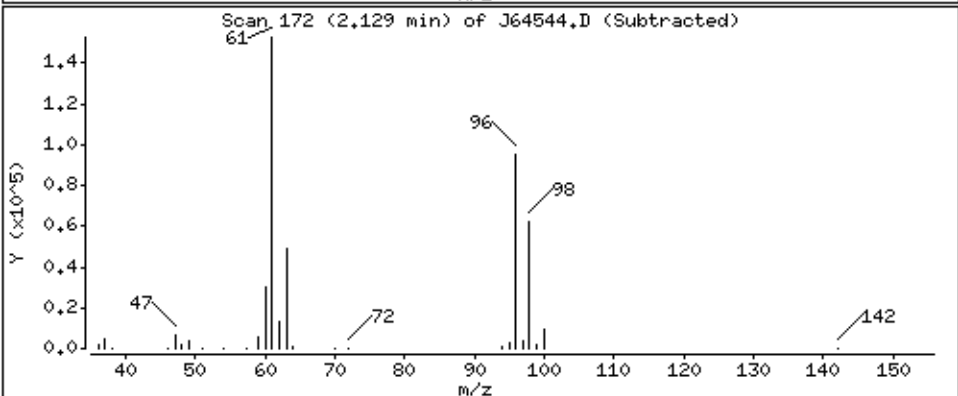
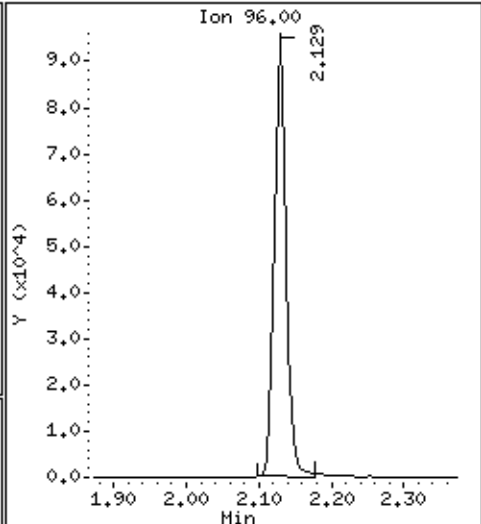
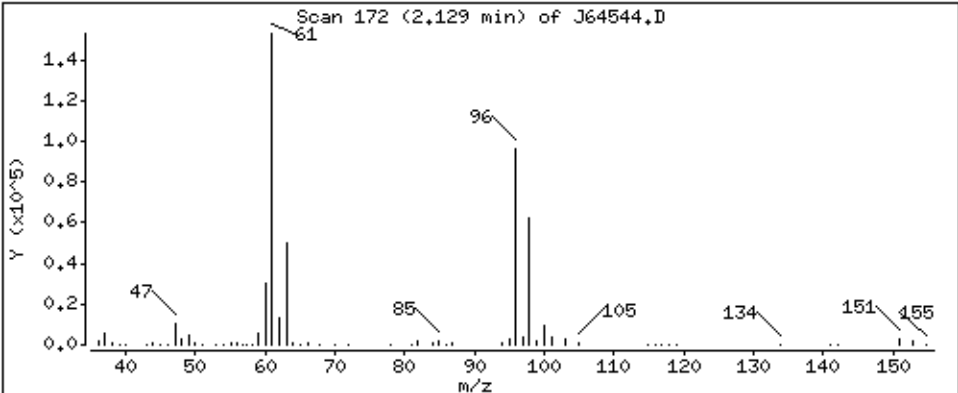


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Concentration: 29,9 ug/L
Review Code:

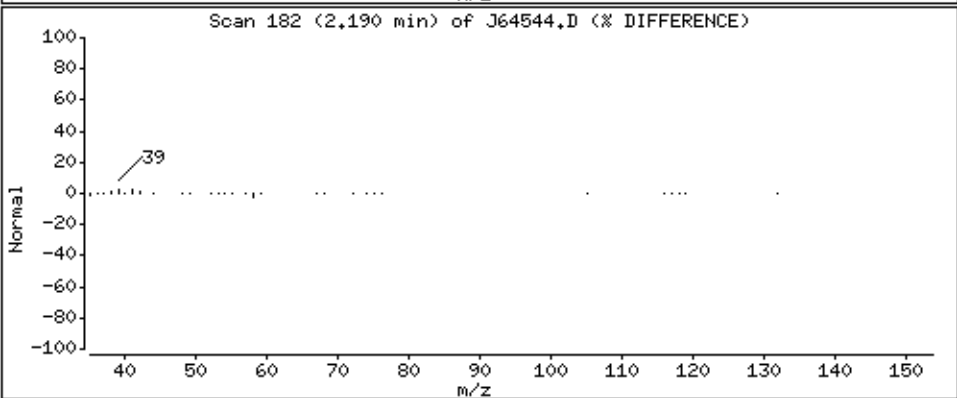
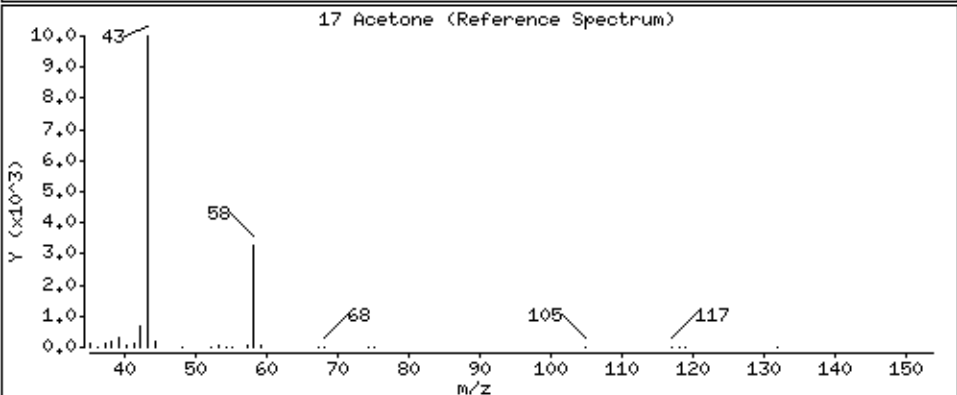
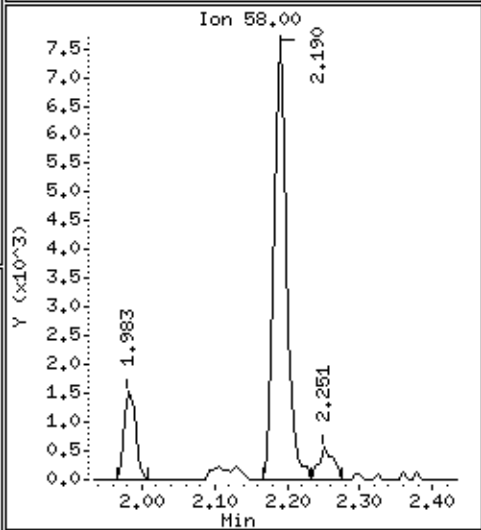
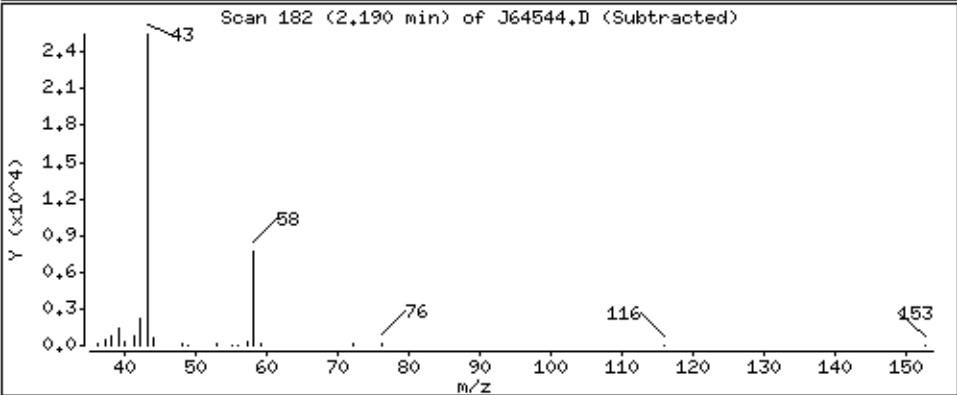
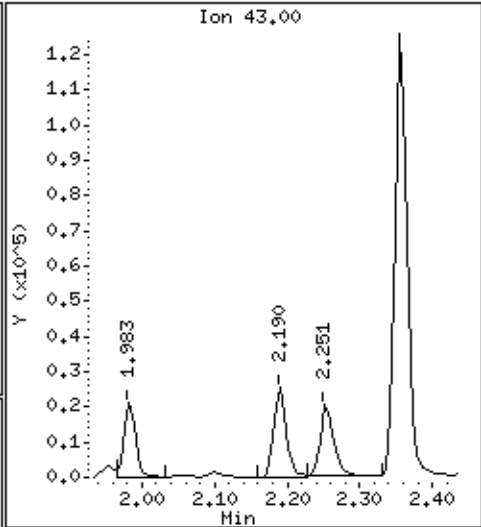
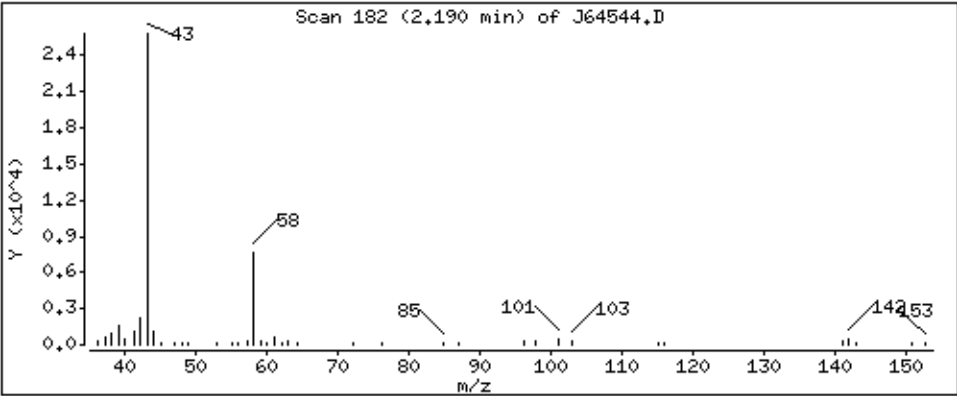


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 51.2 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



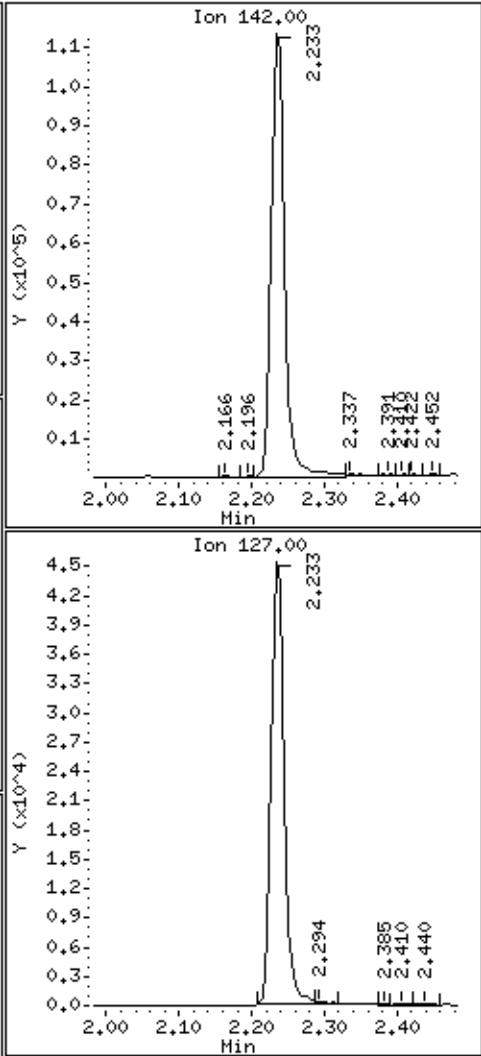
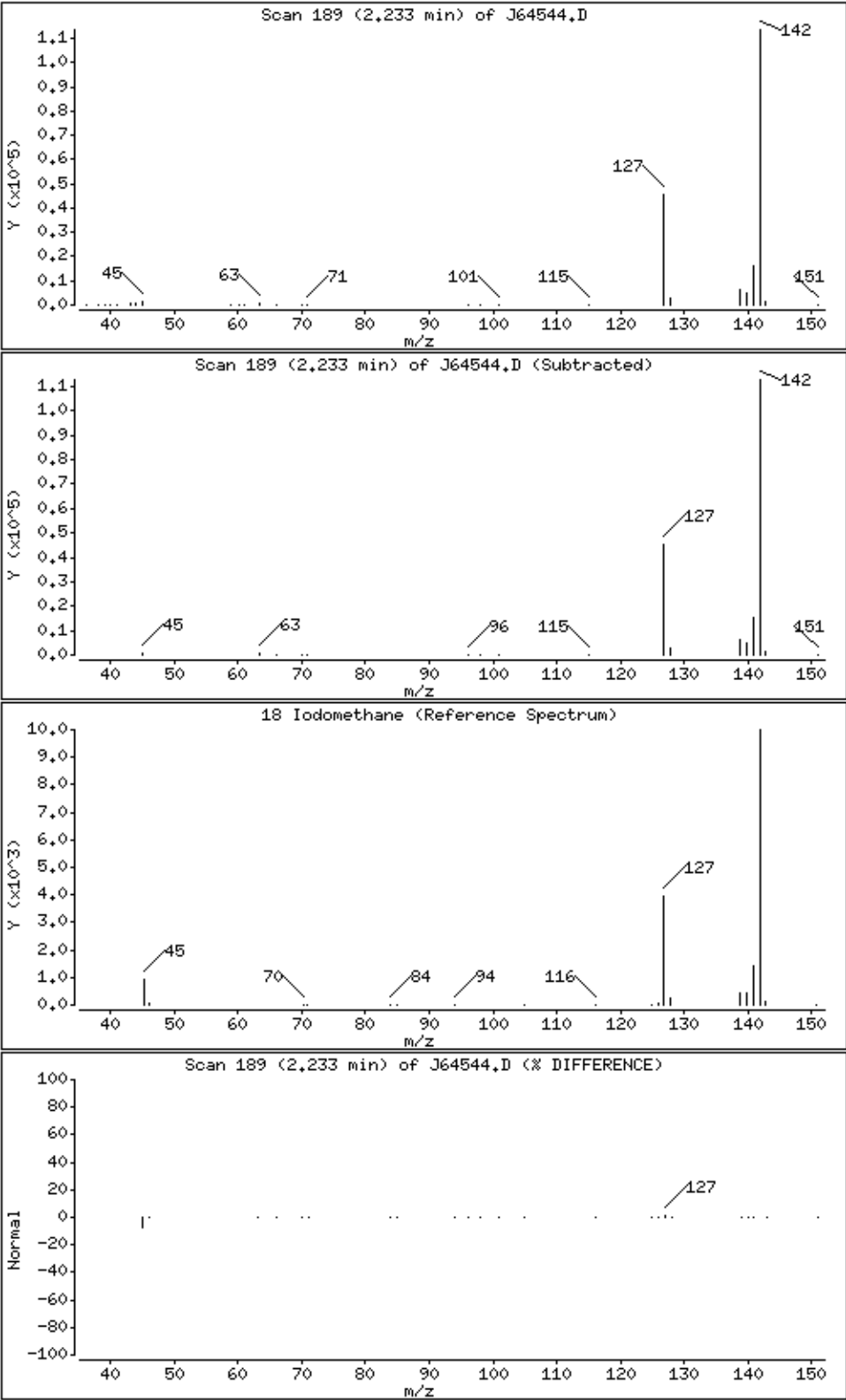
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

17 Acetone Concentration: 38,0 ug/L Review Code:



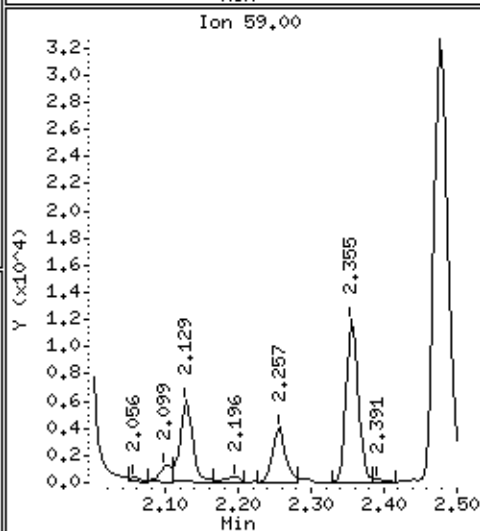
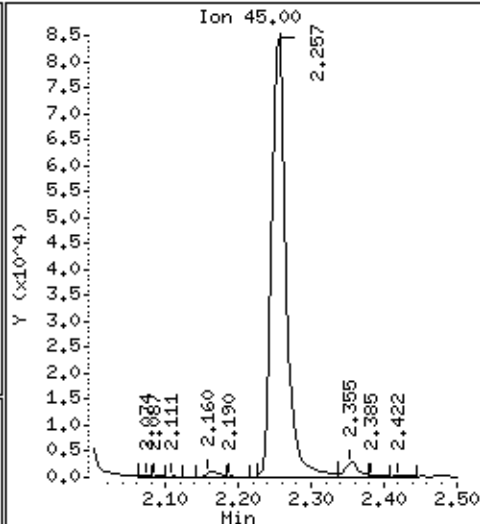
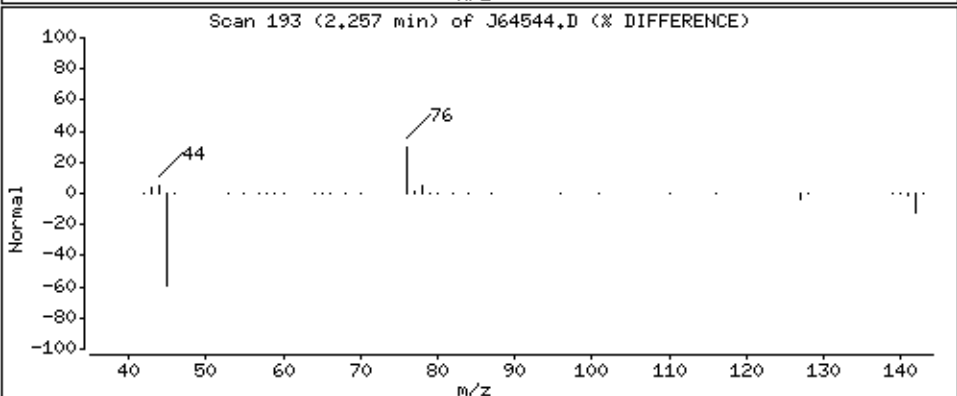
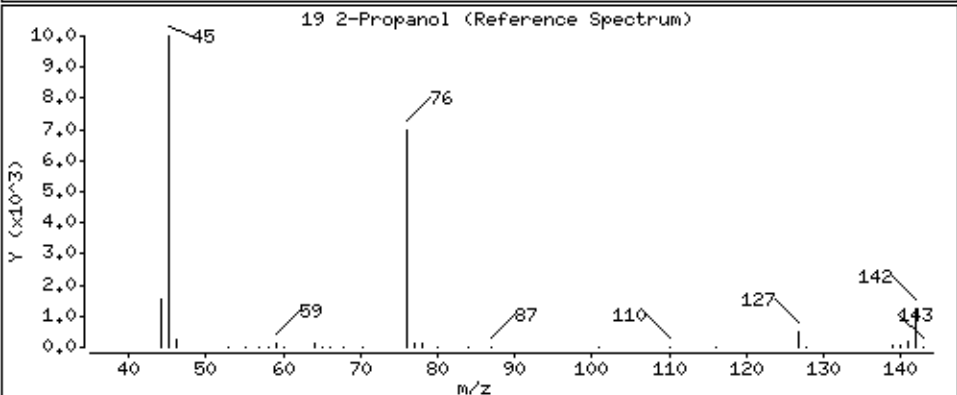
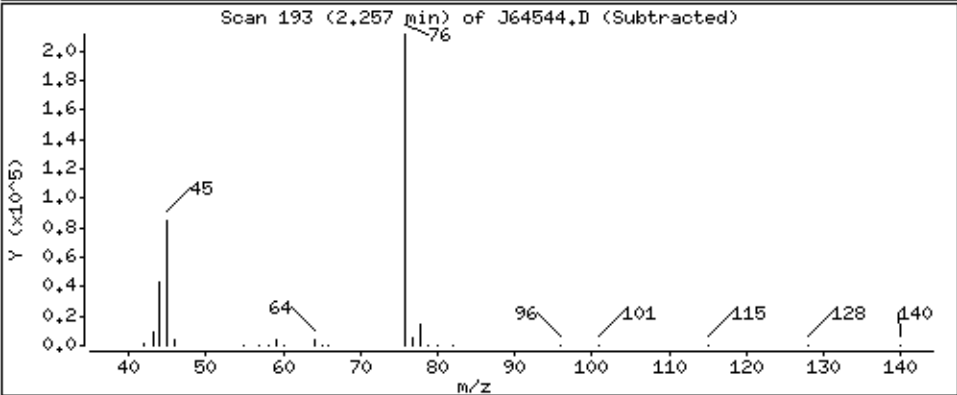
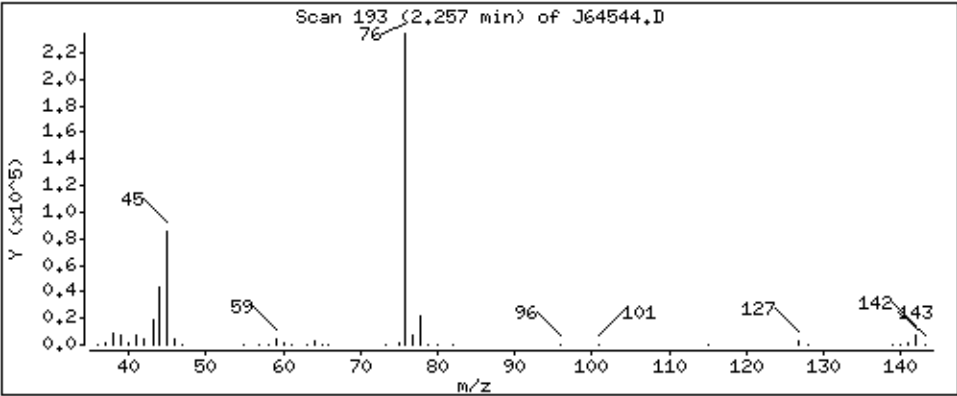
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

18 Iodomethane Concentration: 69,4 ug/L Review Code:

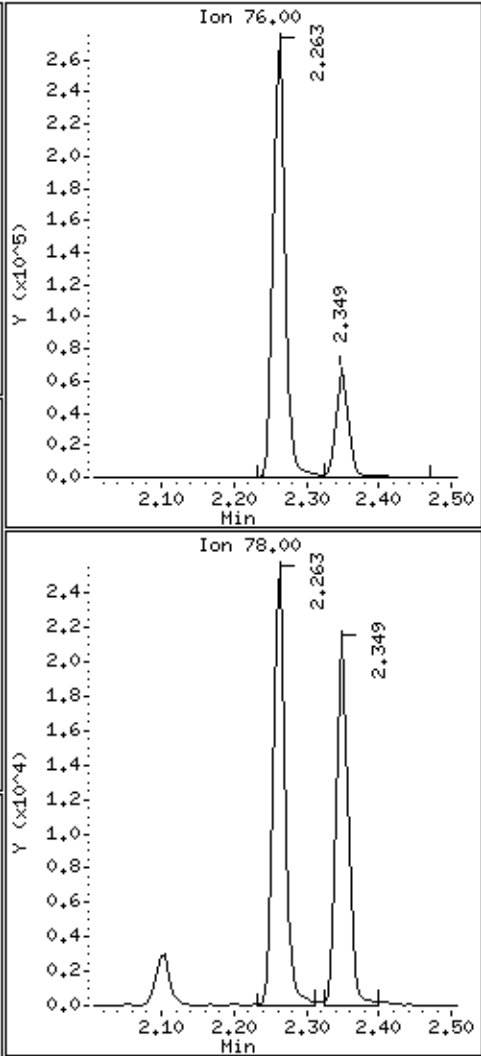
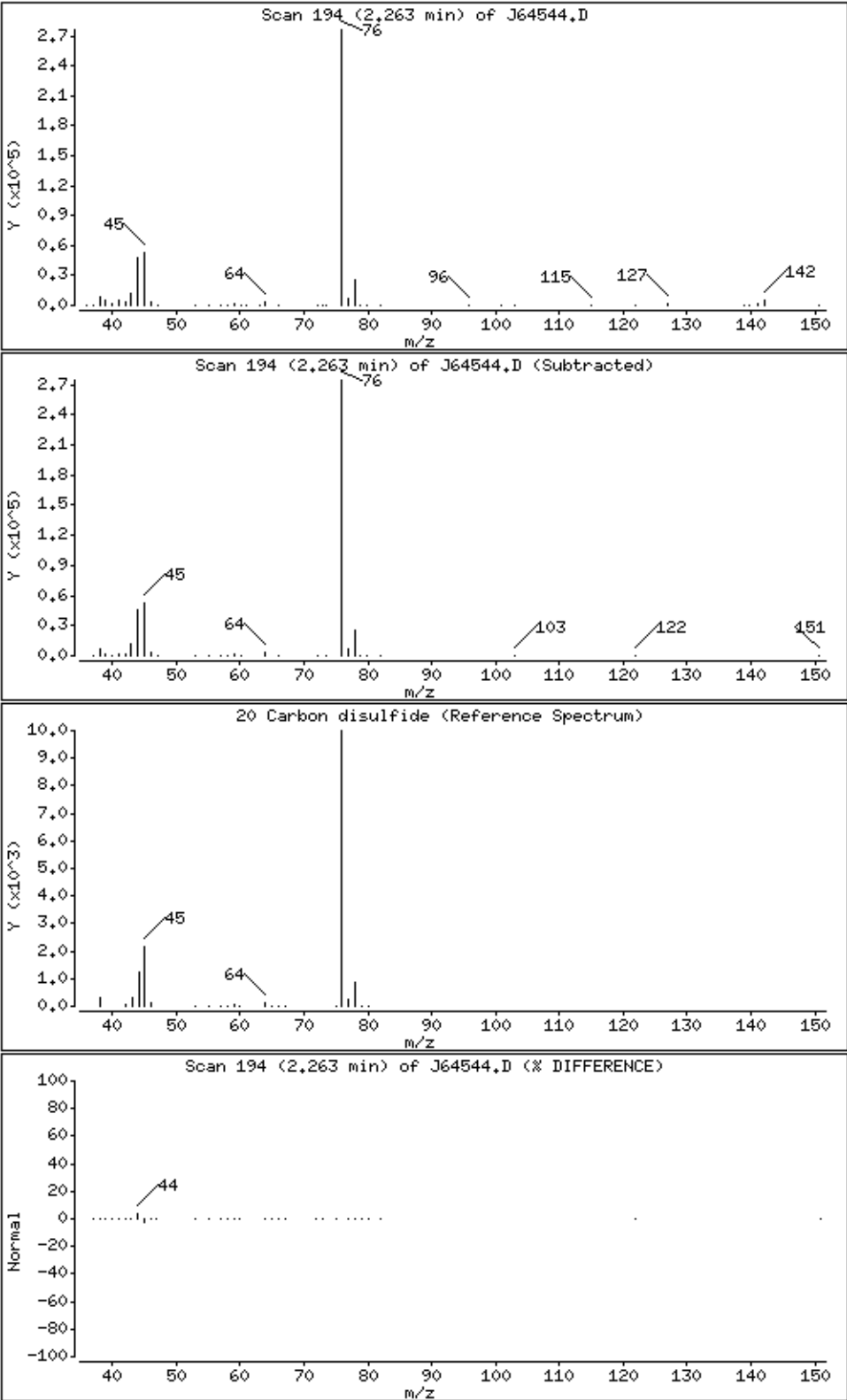


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

19 2-Propanol Concentration: 1170 ug/L Review Code:

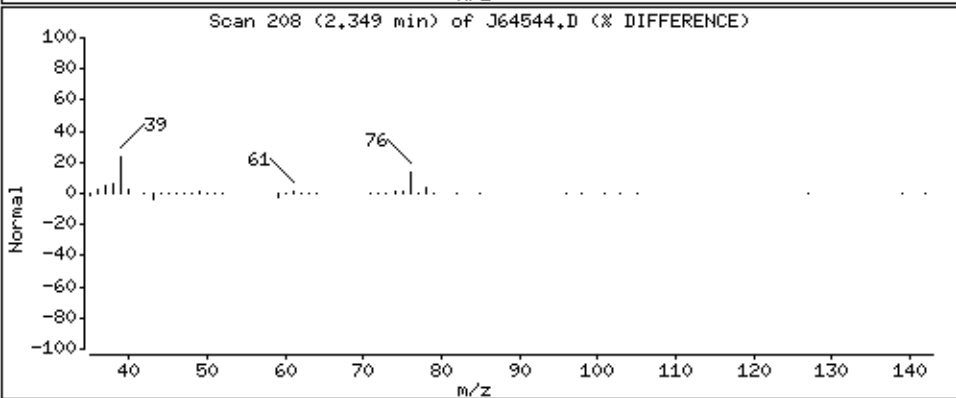
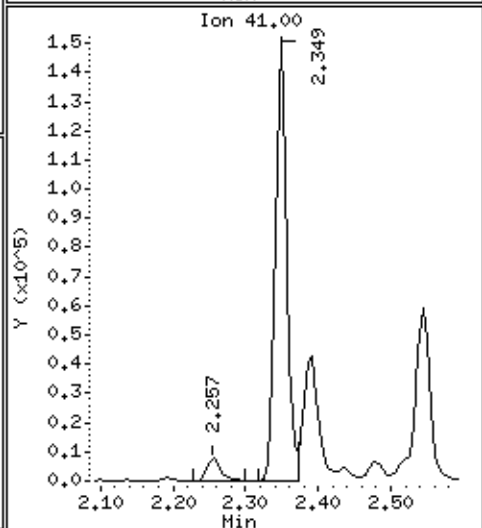
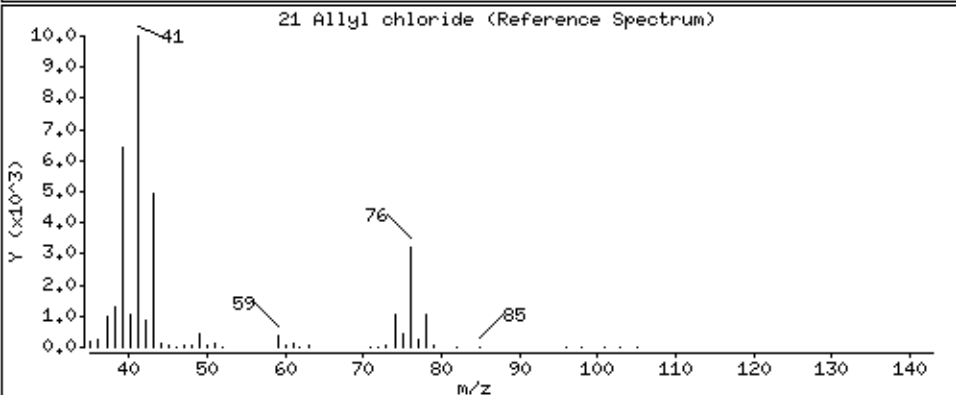
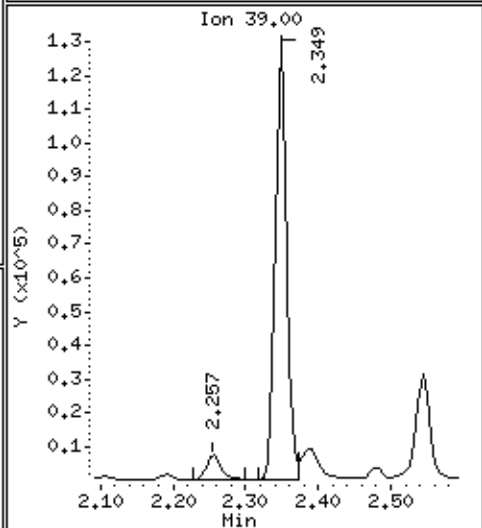
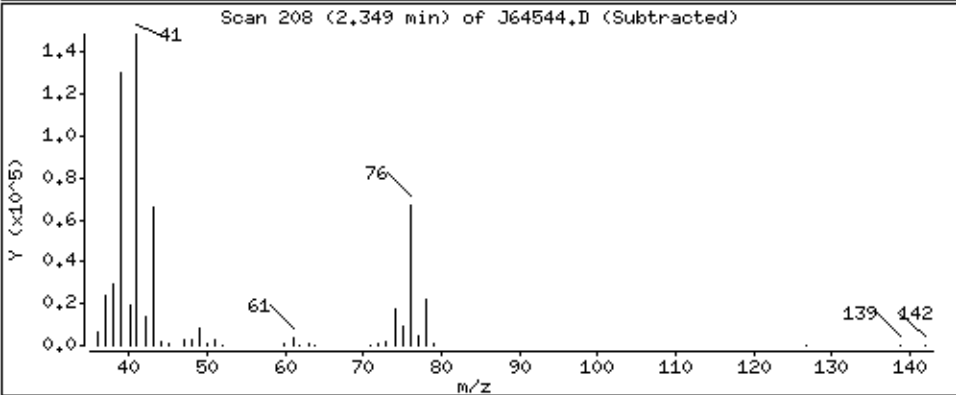
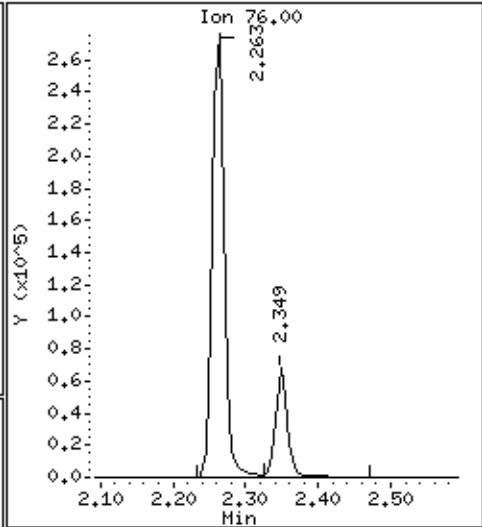
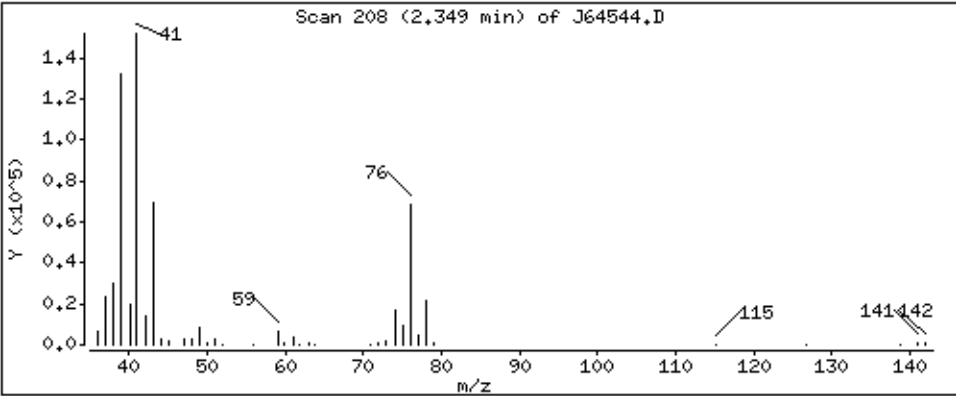


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 49.4 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

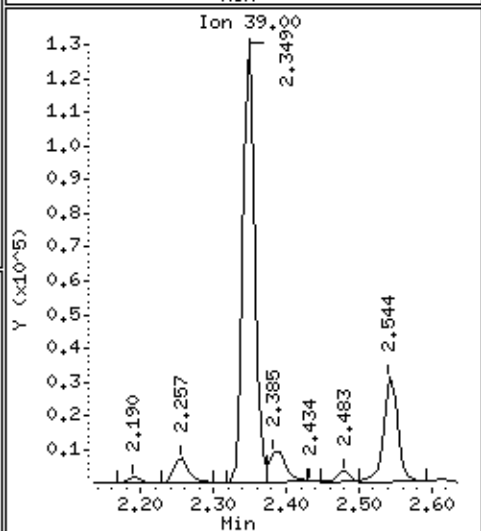
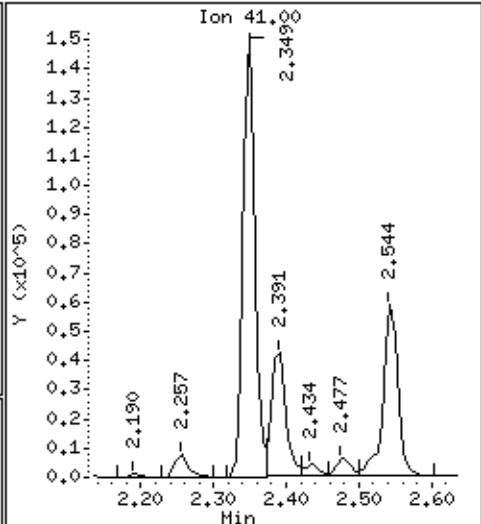
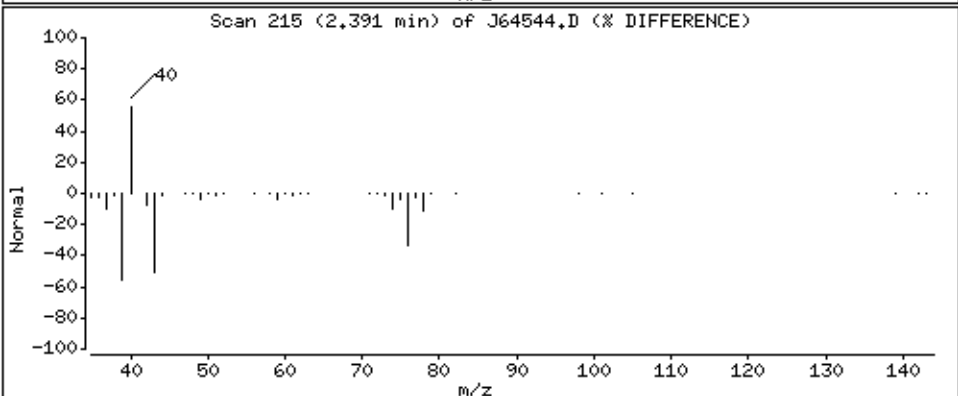
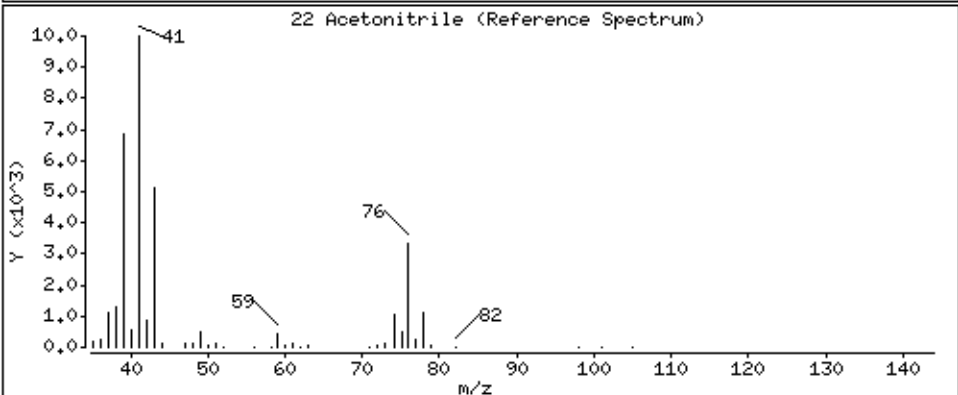
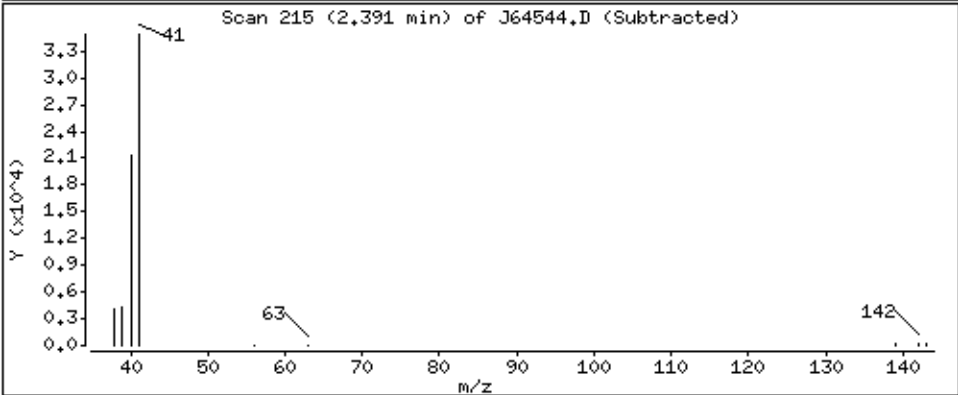
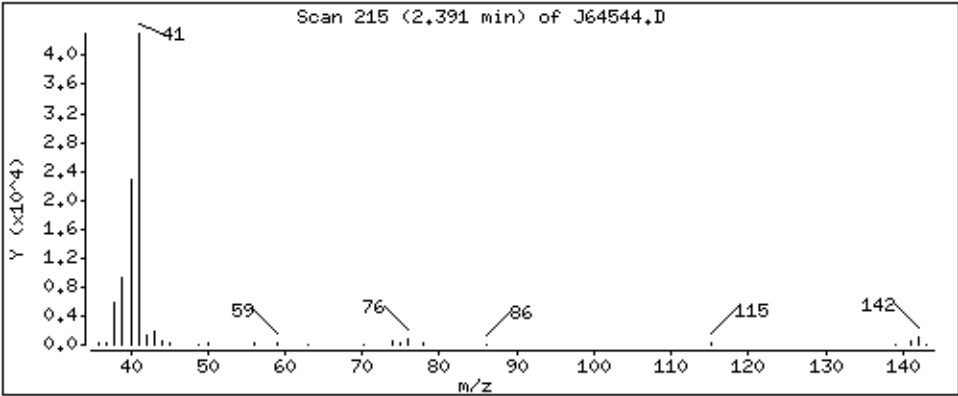


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

21 Allyl chloride Concentration: 53,3 ug/L Review Code:

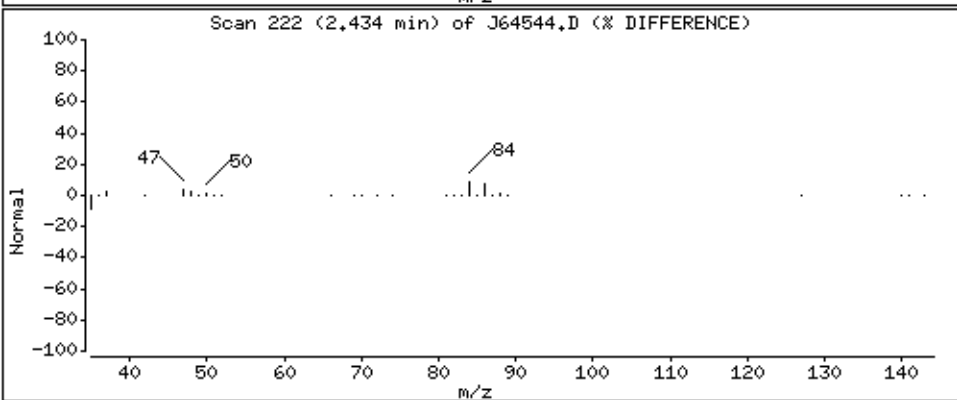
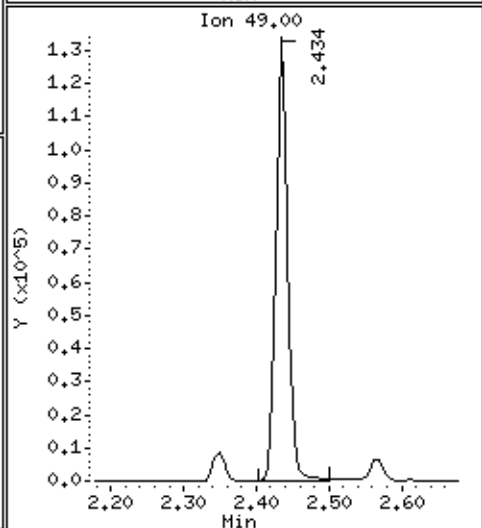
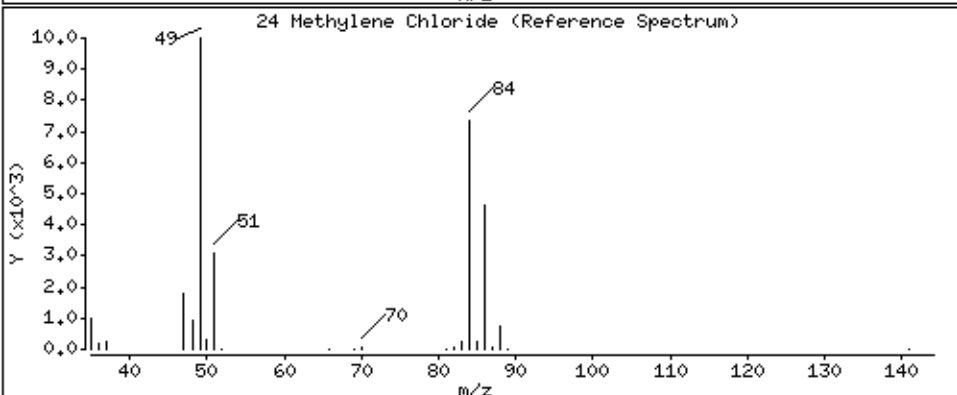
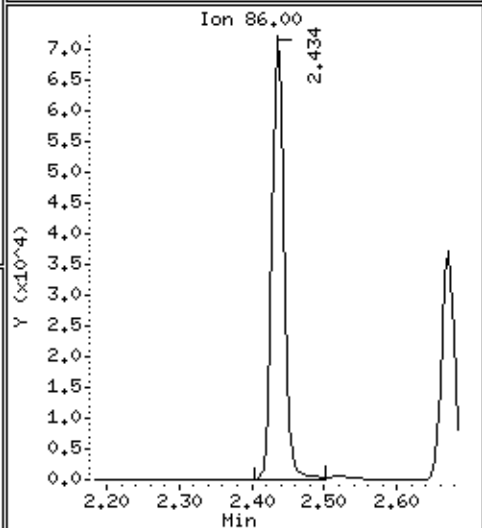
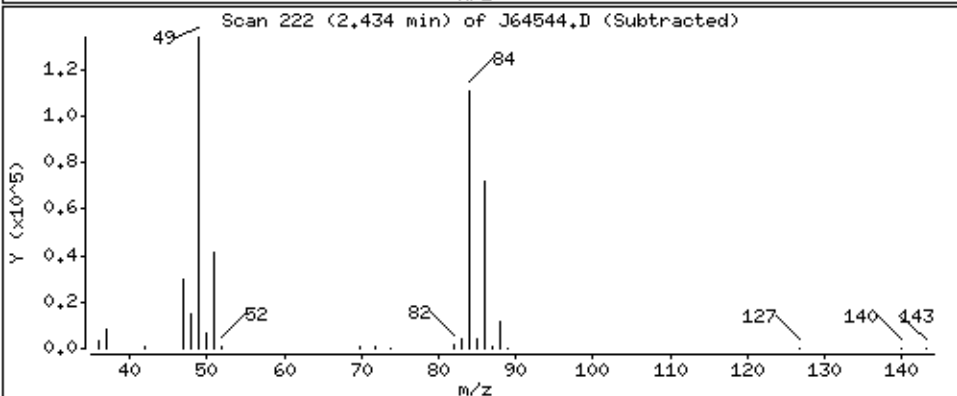
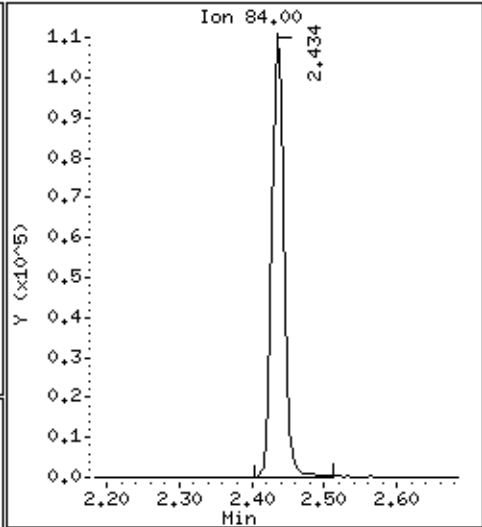
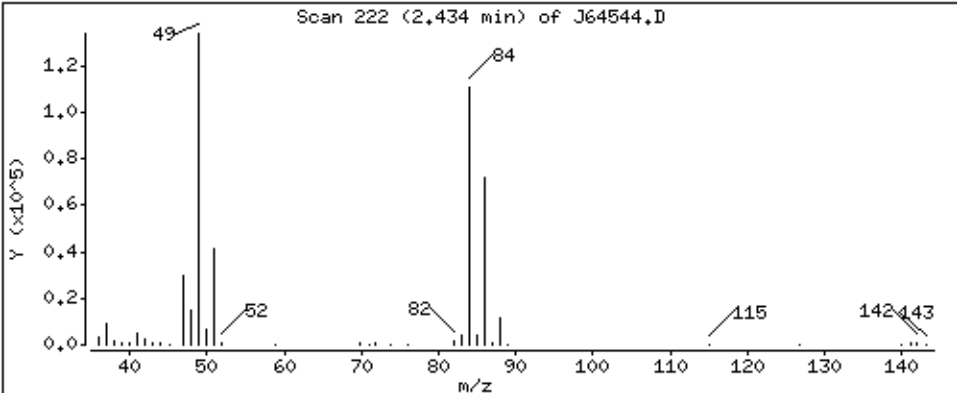


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 202 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:

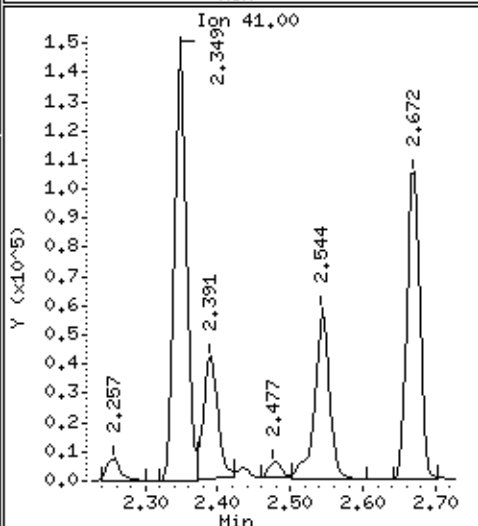
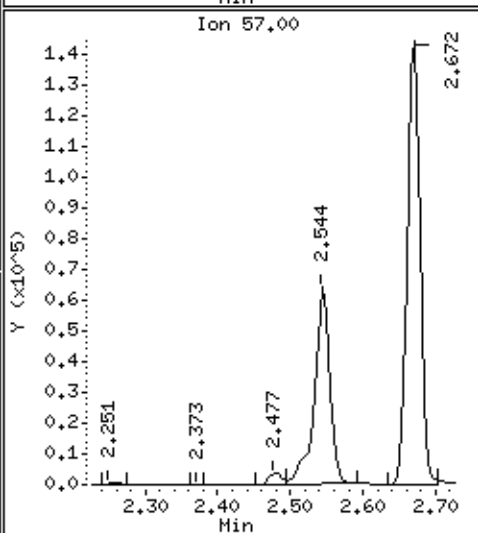
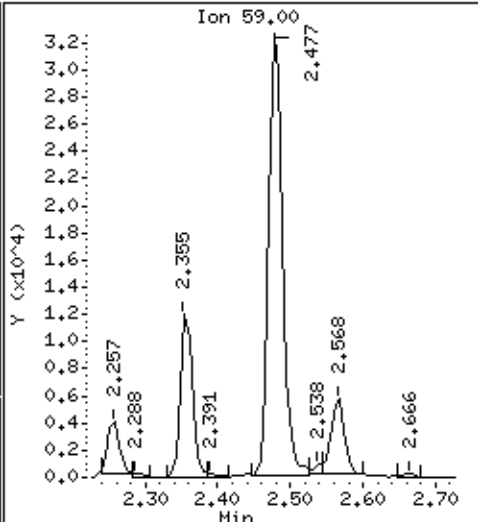
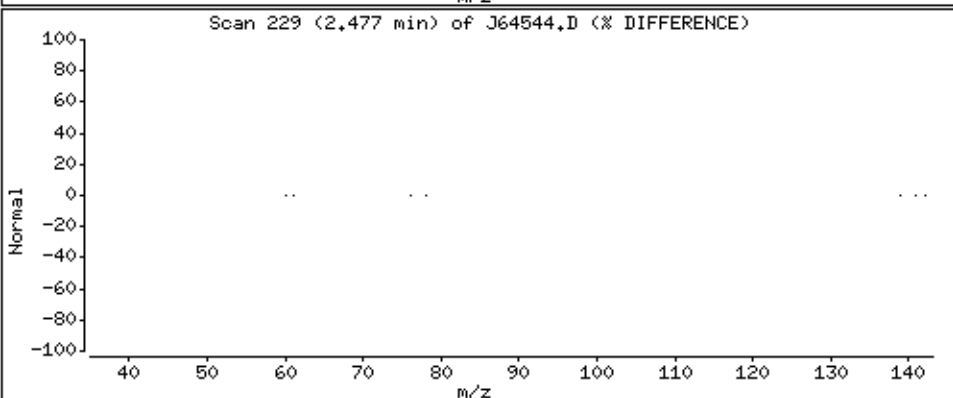
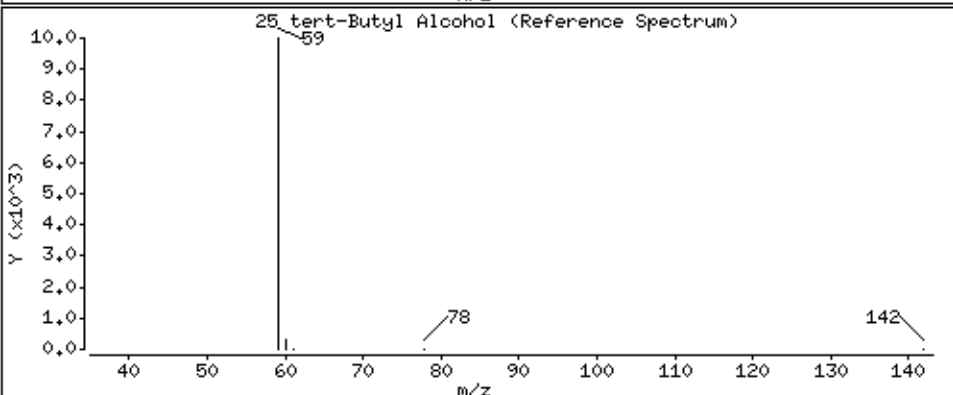
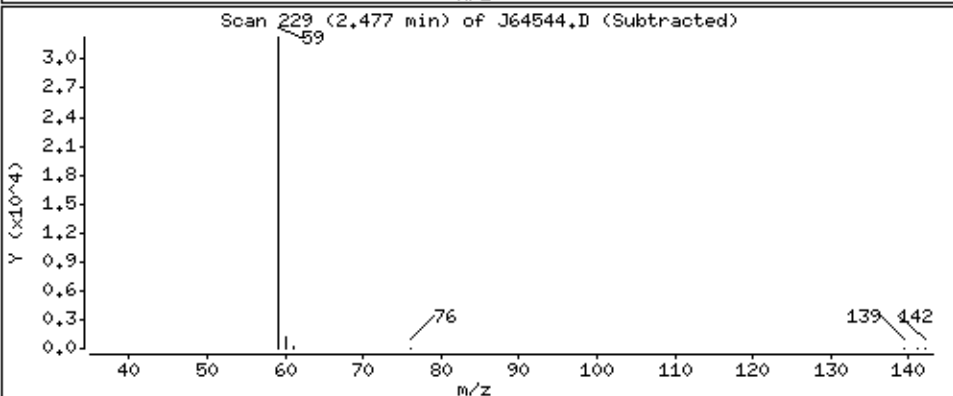
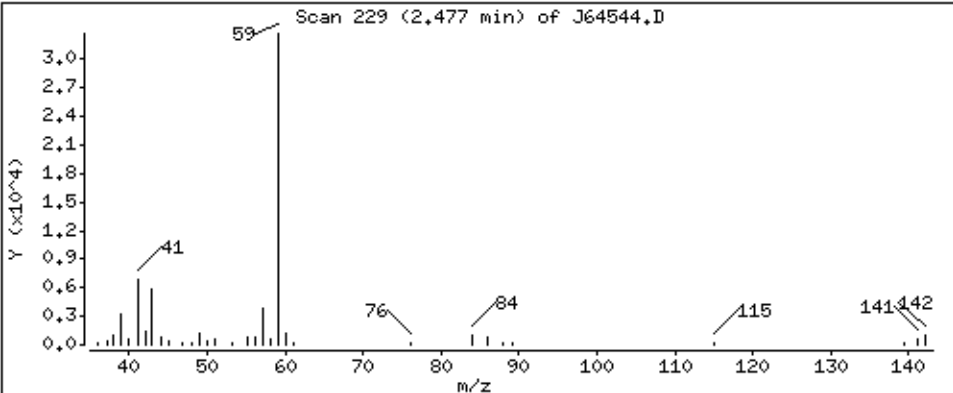


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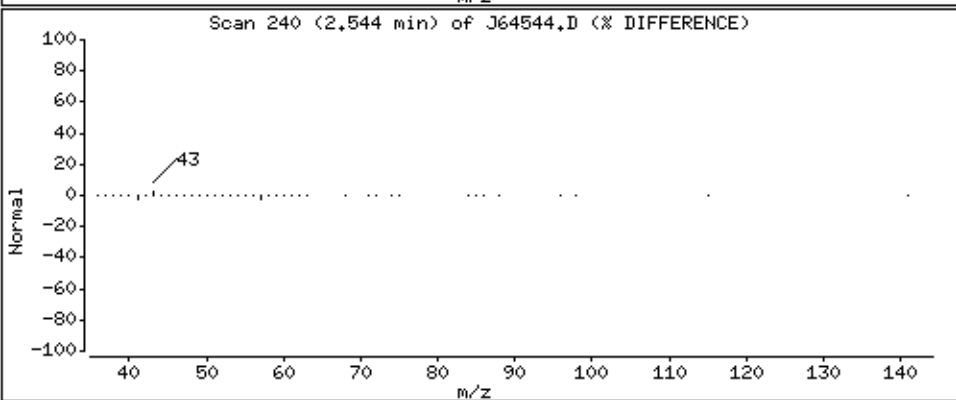
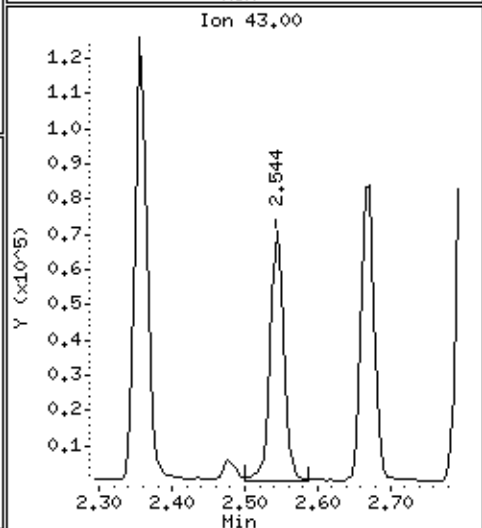
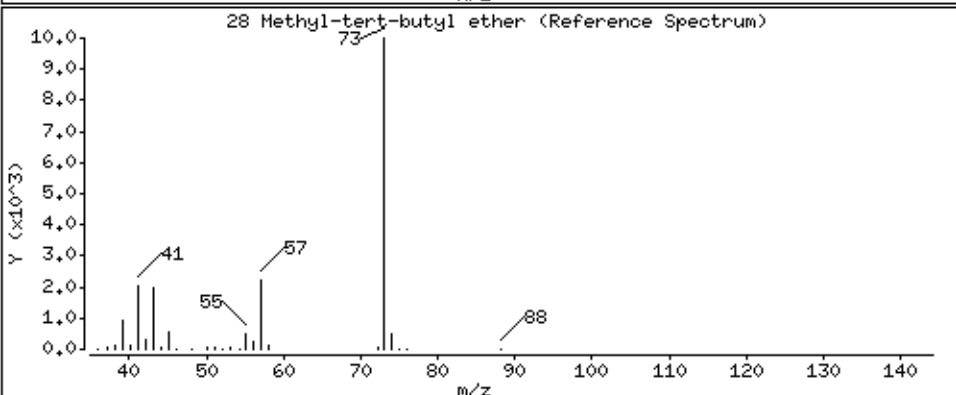
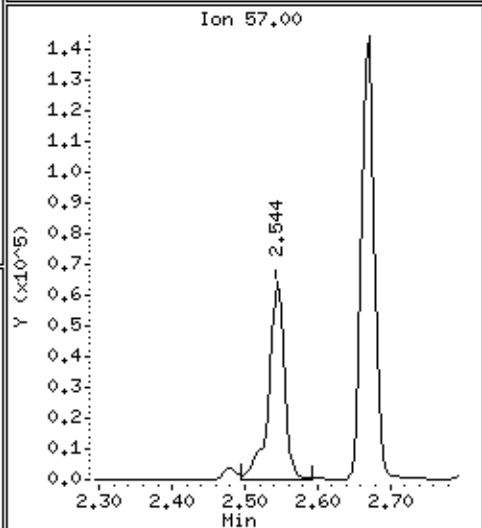
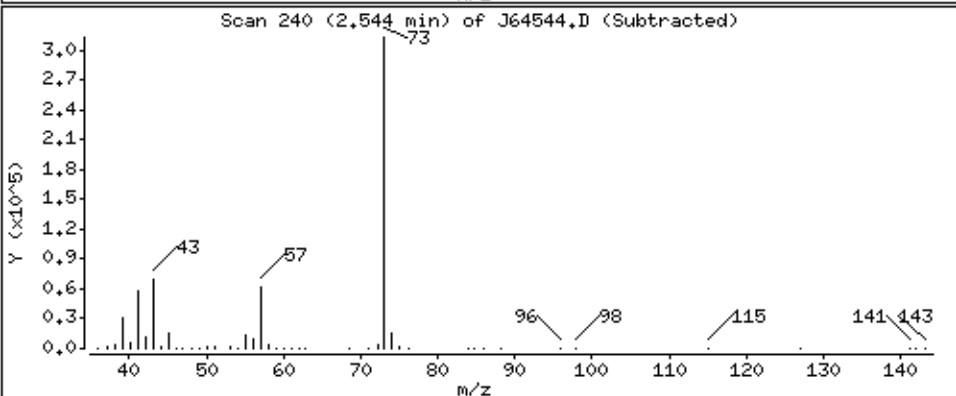
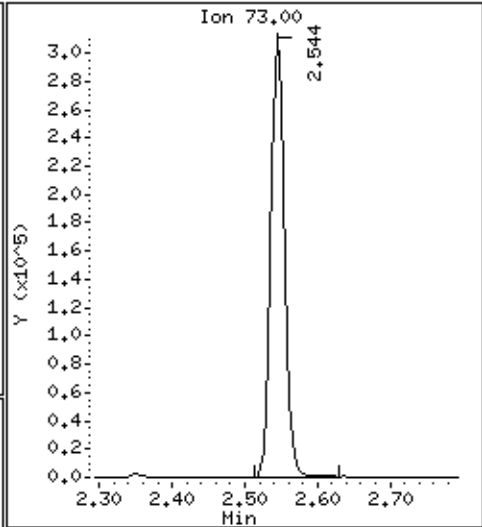
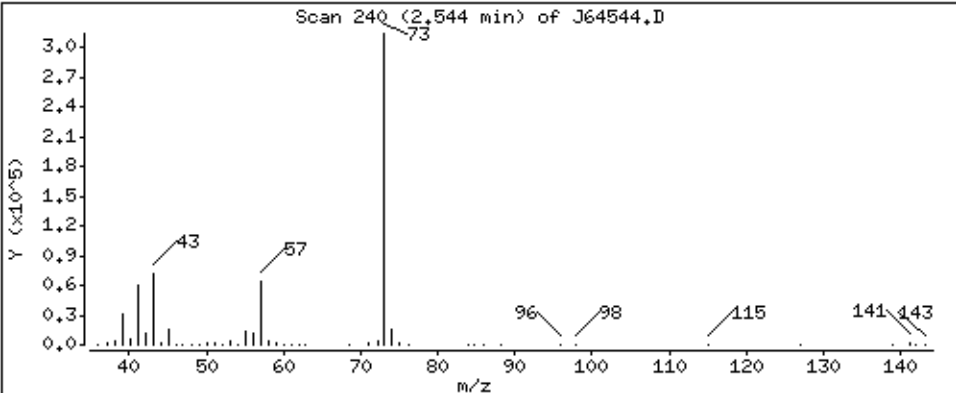
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 48.1 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



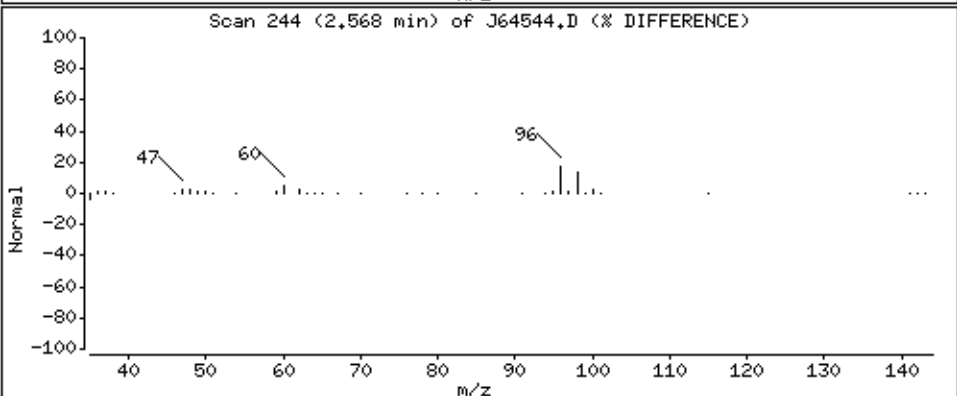
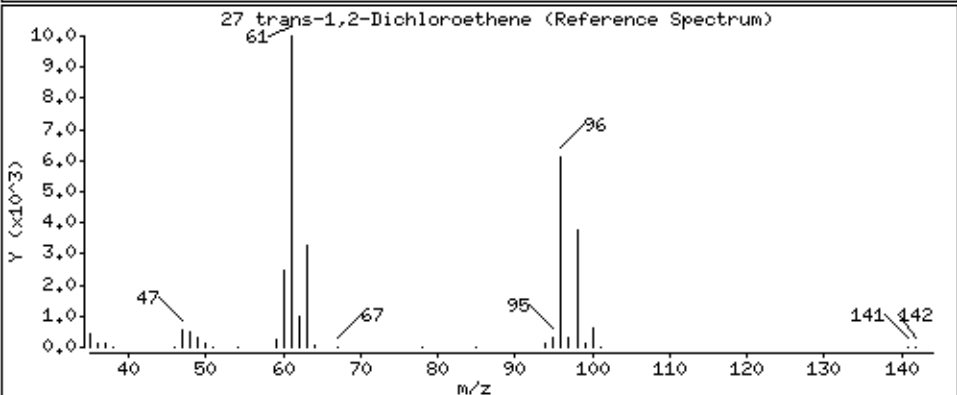
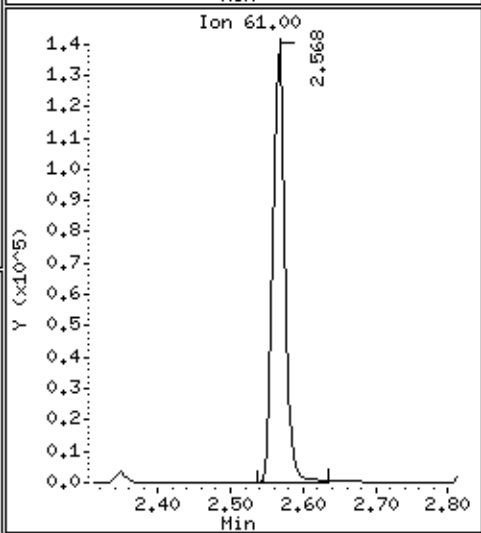
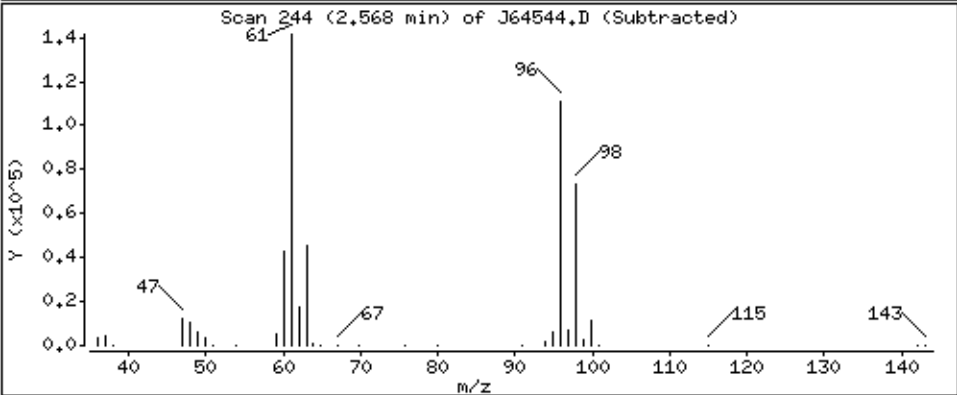
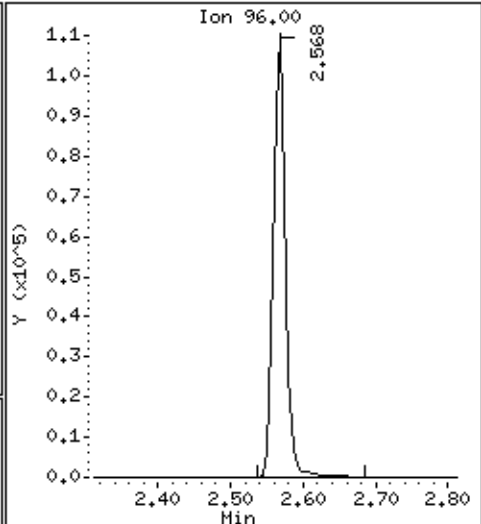
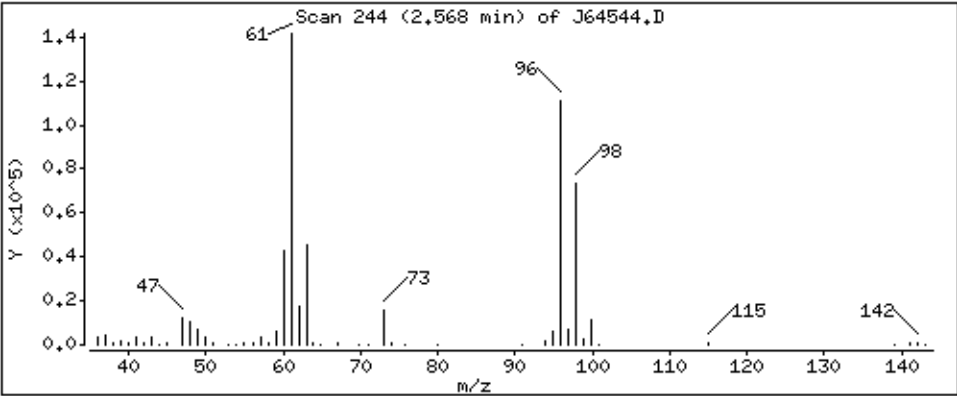
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 234 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
25 tert-Butyl Alcohol
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1,25
Purge Volume: 5.0
Column phase: RTX-624
28 Methyl-tert-butyl ether
Concentration: 51.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:

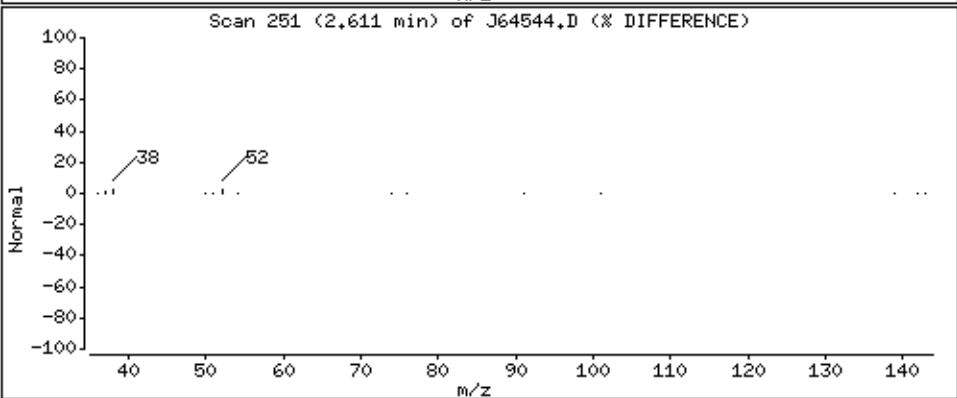
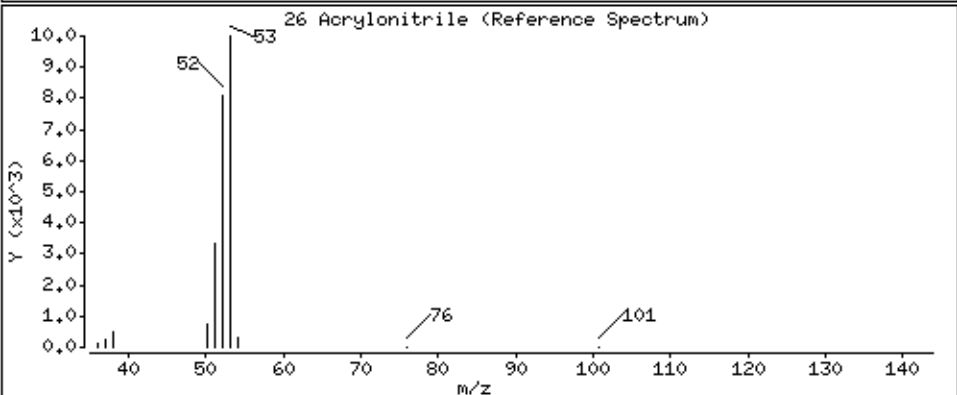
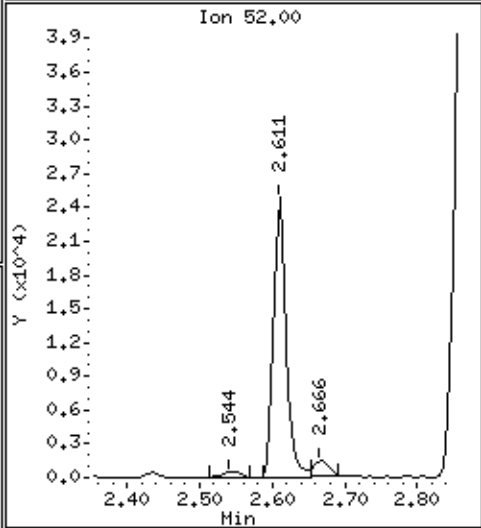
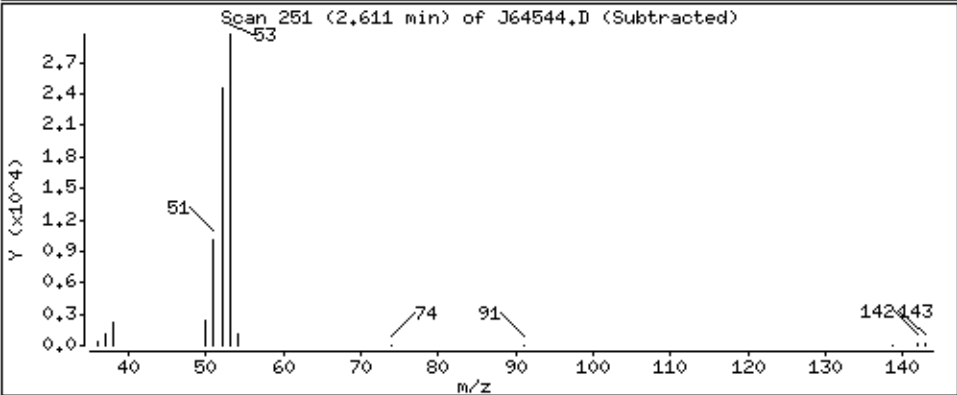
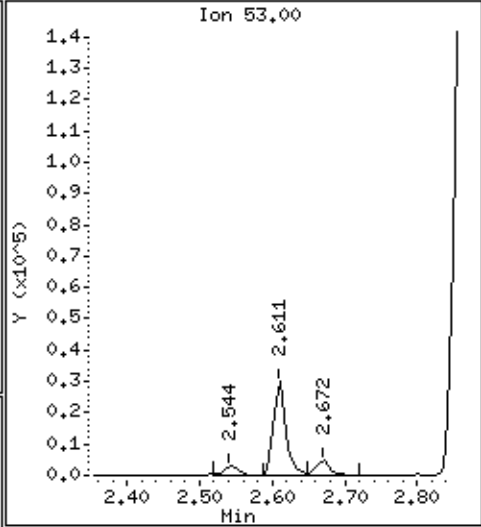
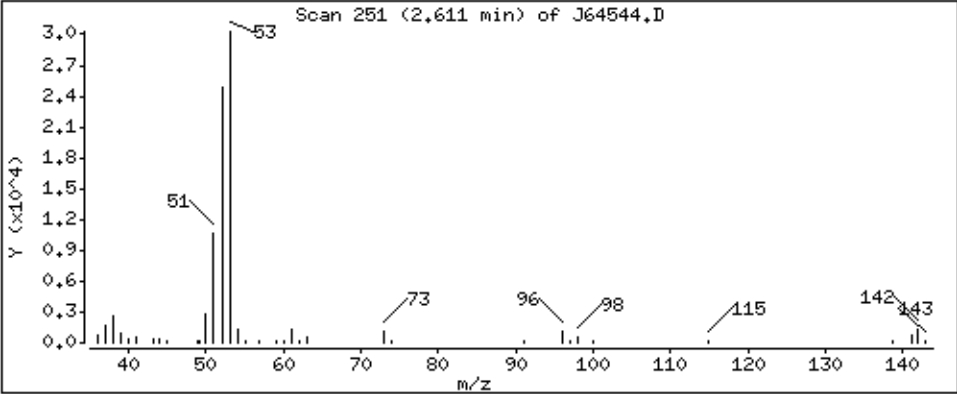


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
27 trans-1,2-Dichloroethene
Concentration: 54,4 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

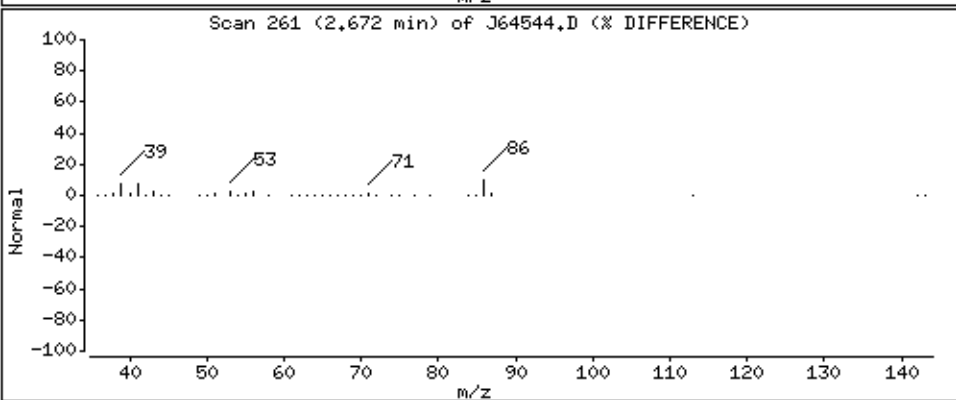
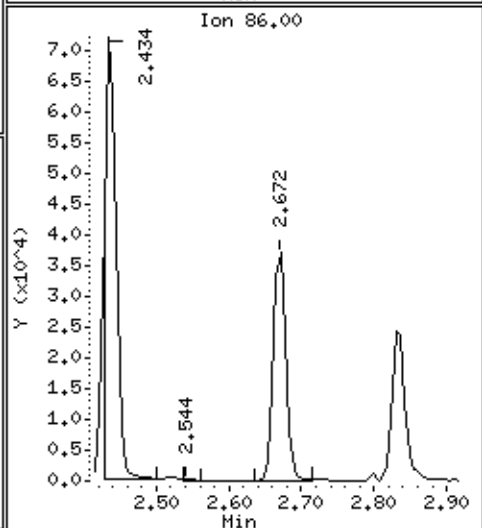
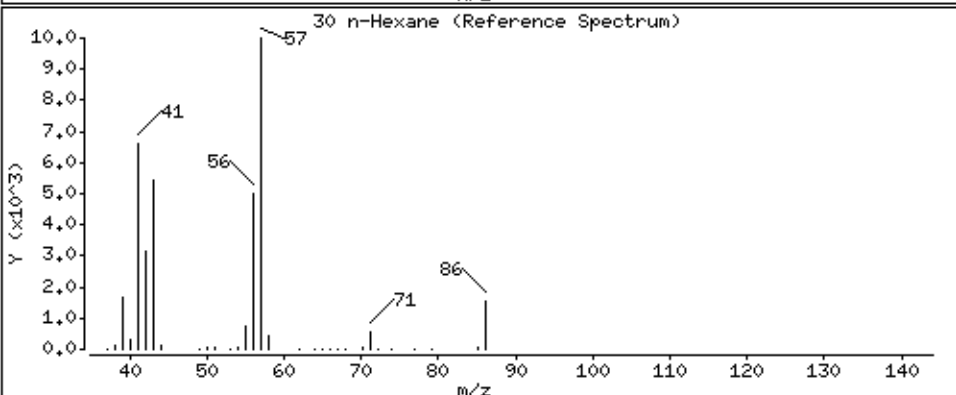
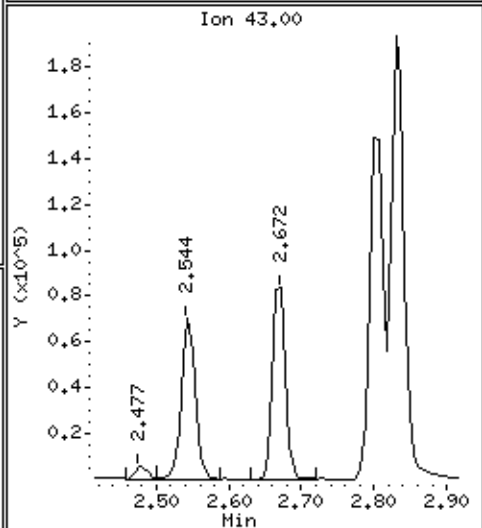
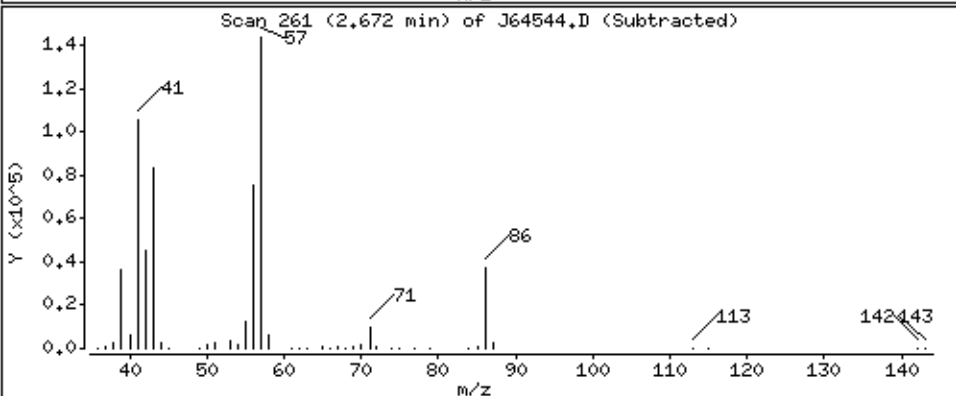
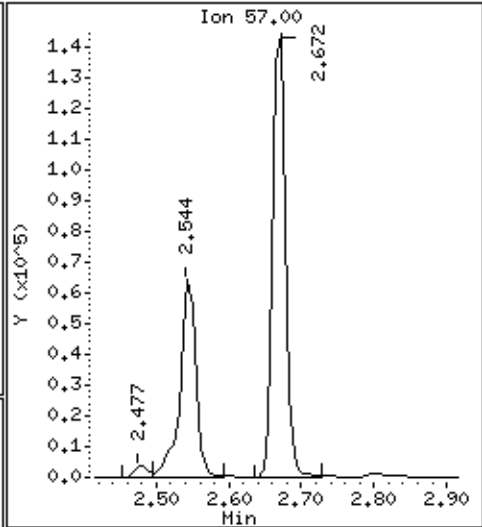
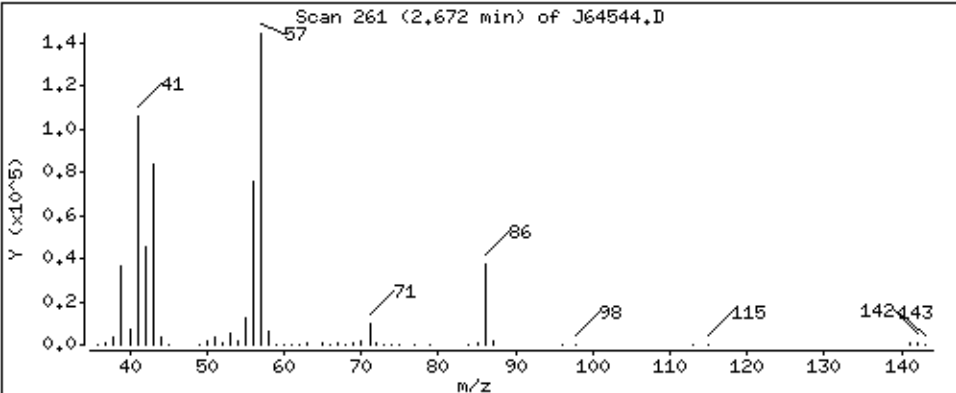
26 Acrylonitrile Concentration: 41.4 ug/L Review Code:



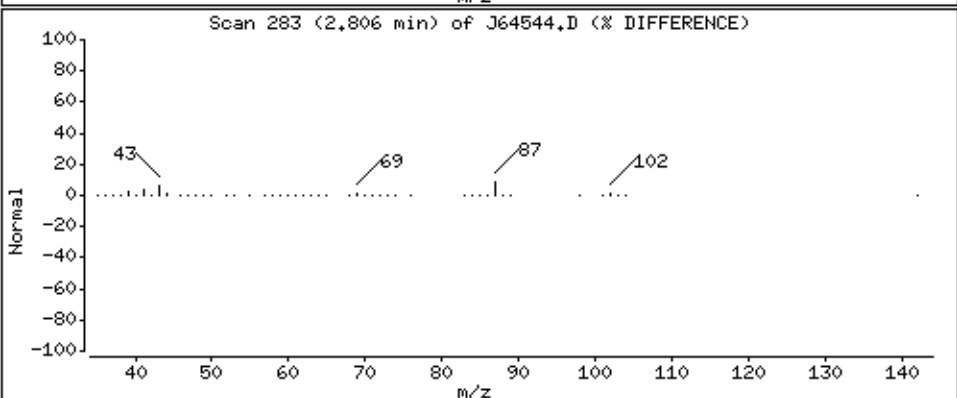
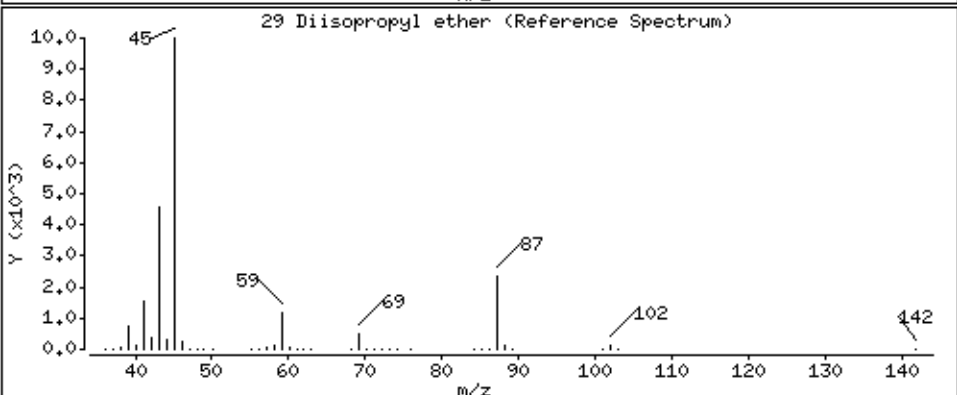
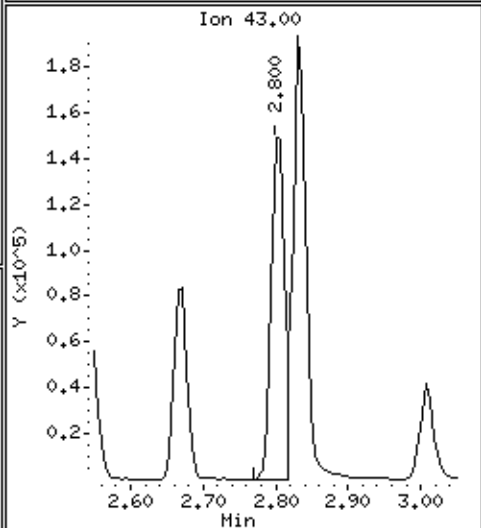
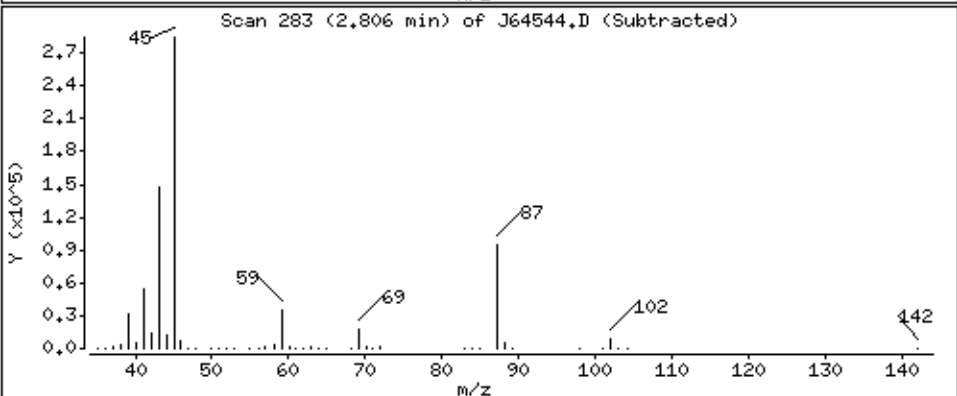
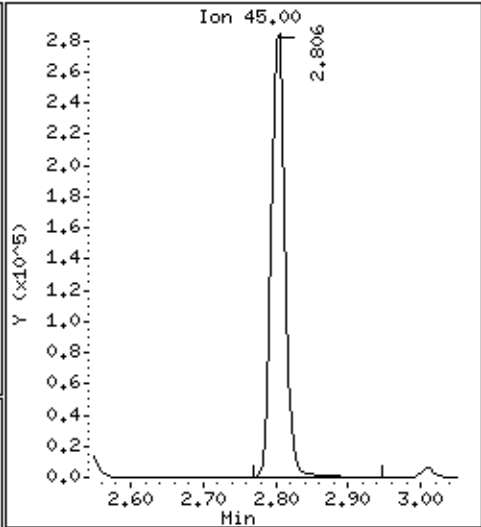
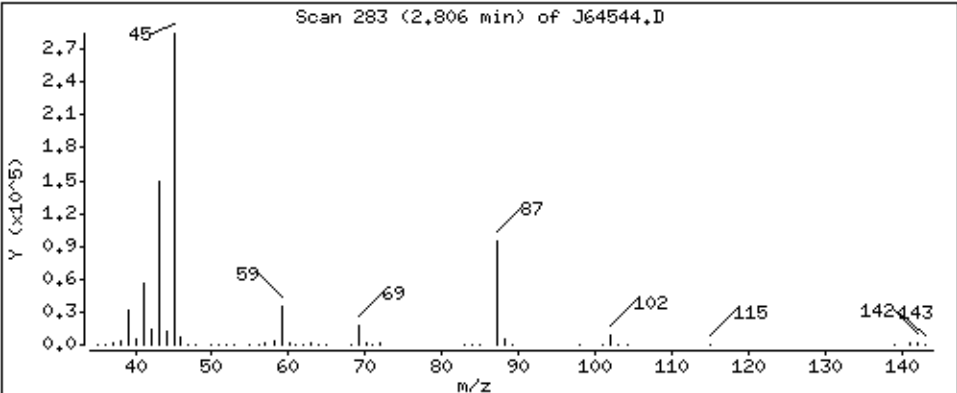
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

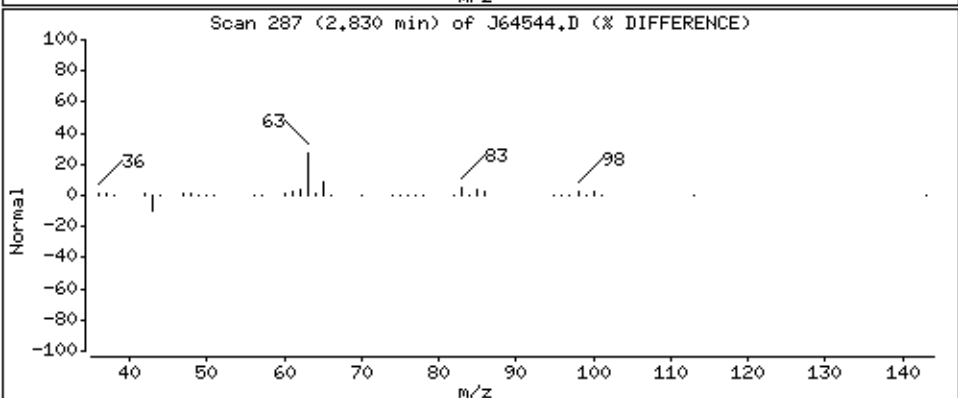
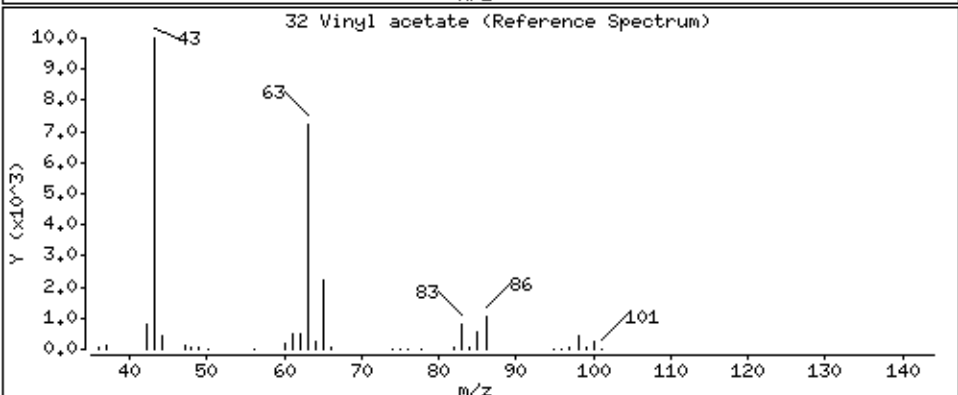
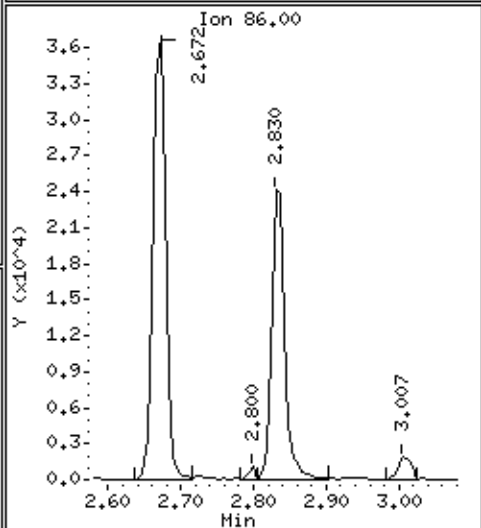
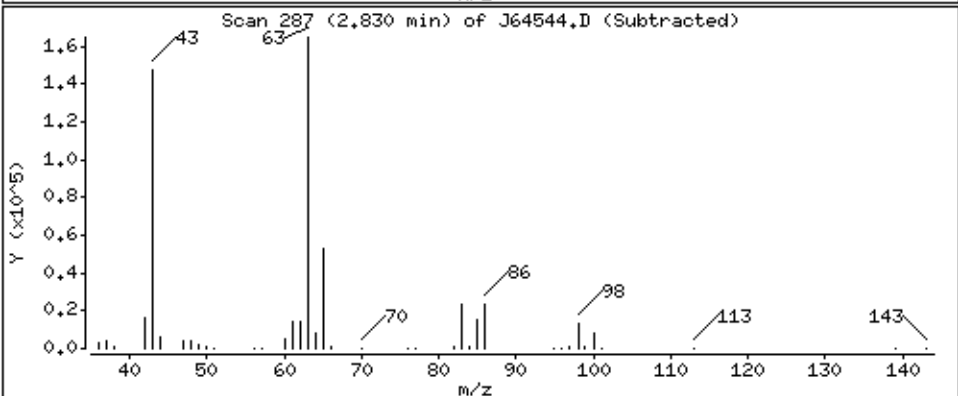
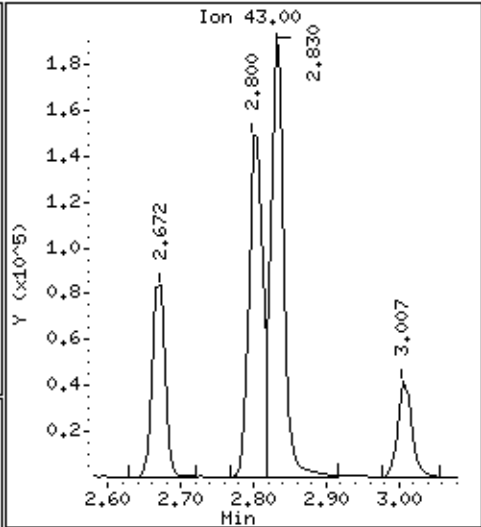
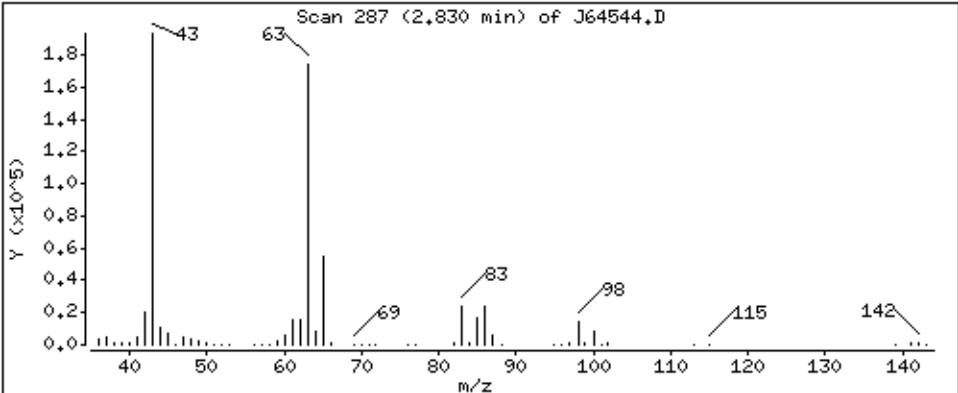
30 n-Hexane
Concentration: 44.8 ug/L
Review Code:



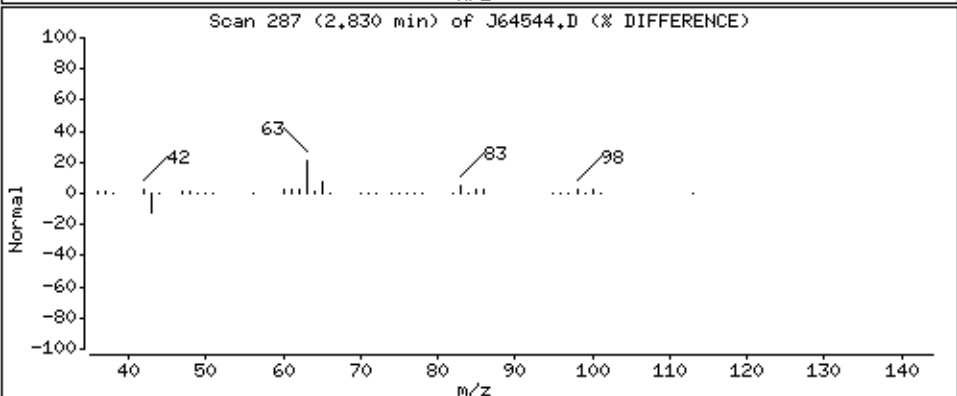
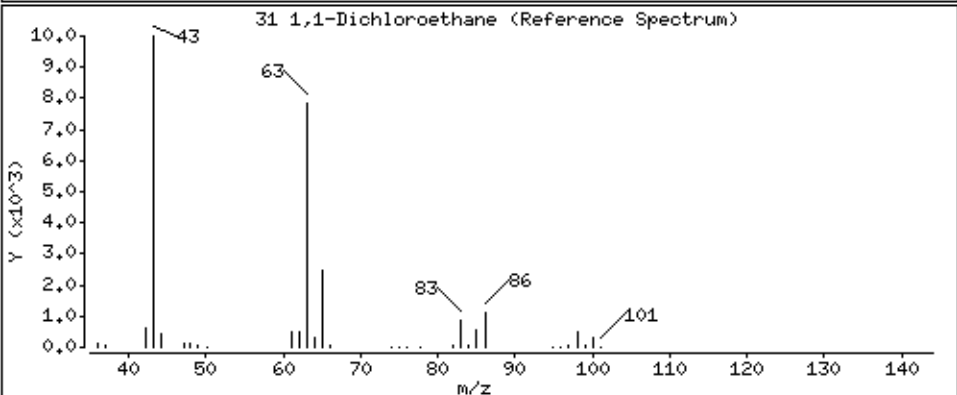
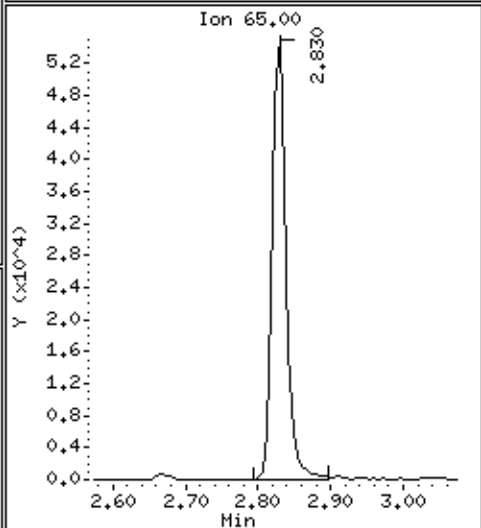
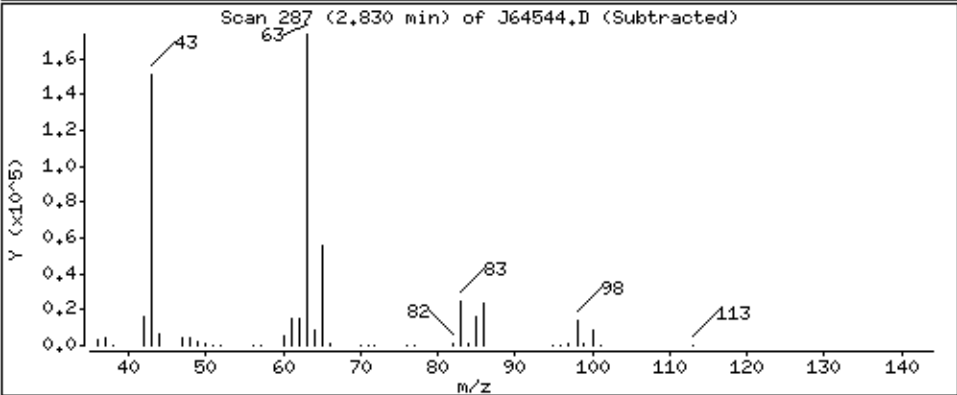
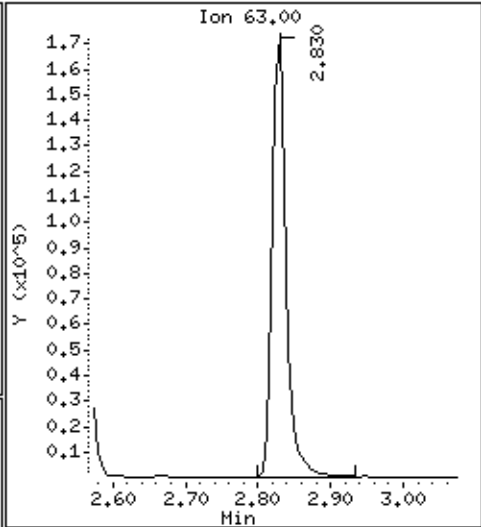
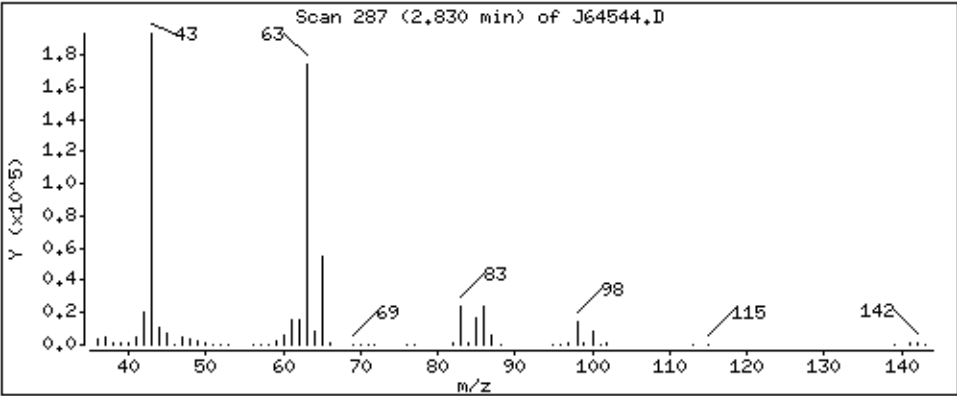
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 43.7 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
29 Diisopropyl ether
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 42.4 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:

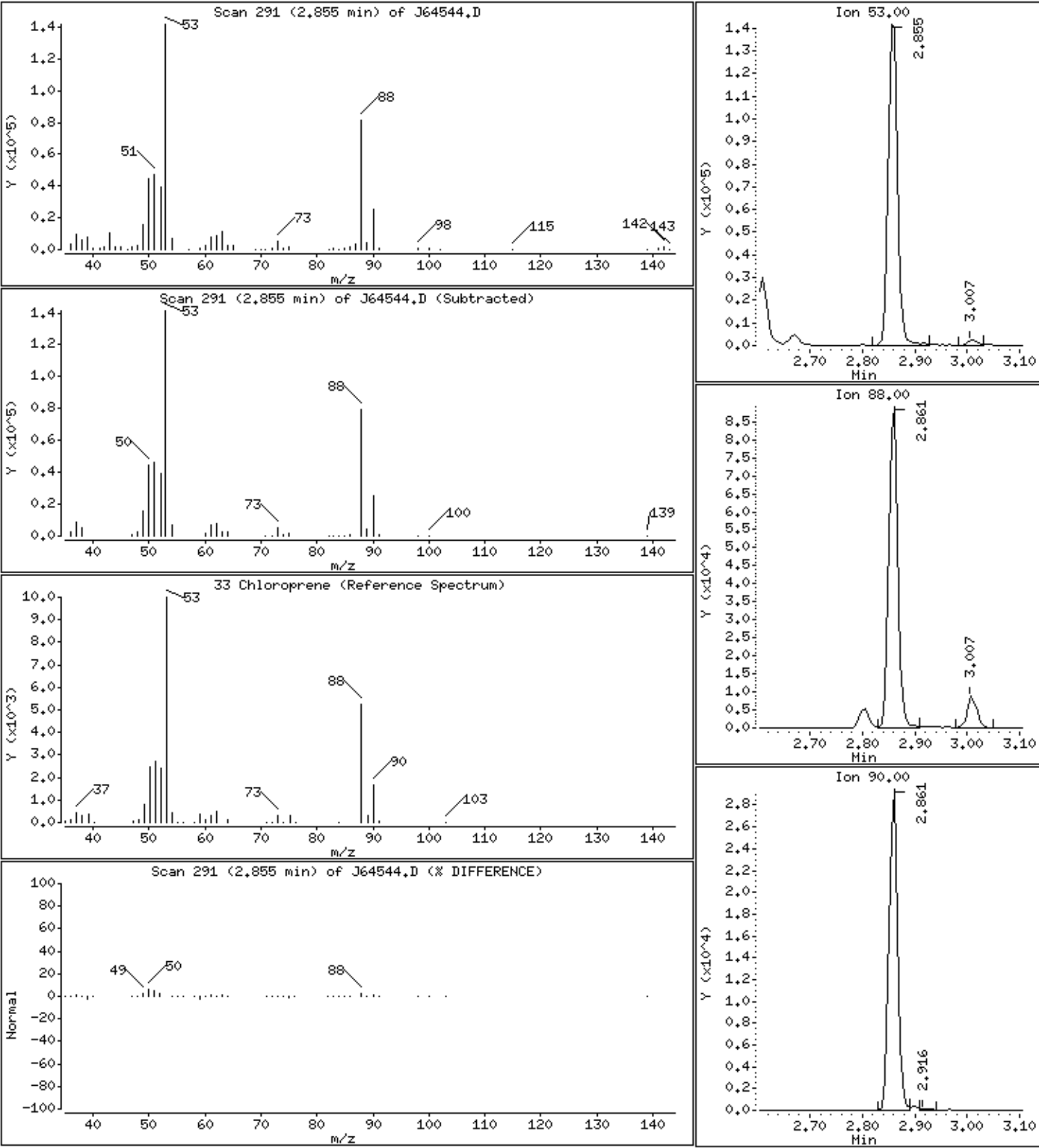


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
31 1,1-Dichloroethane
Concentration: 48.4 ug/L
Review Code:



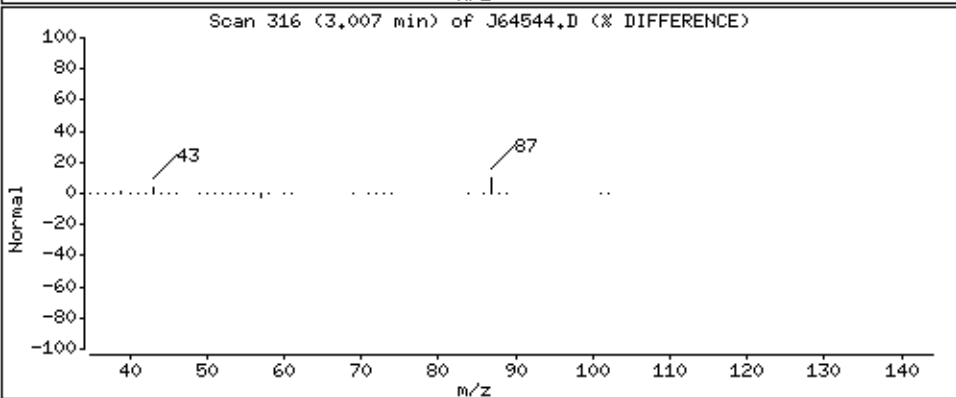
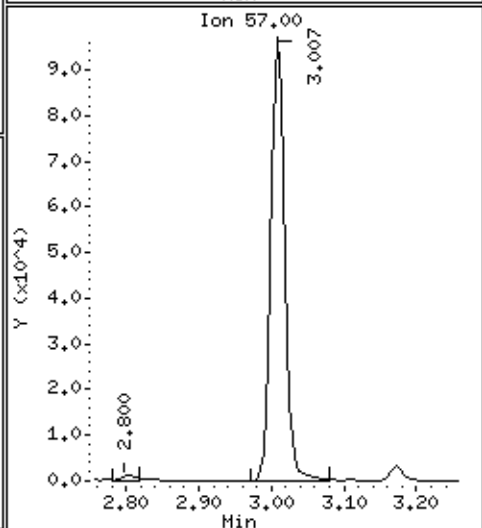
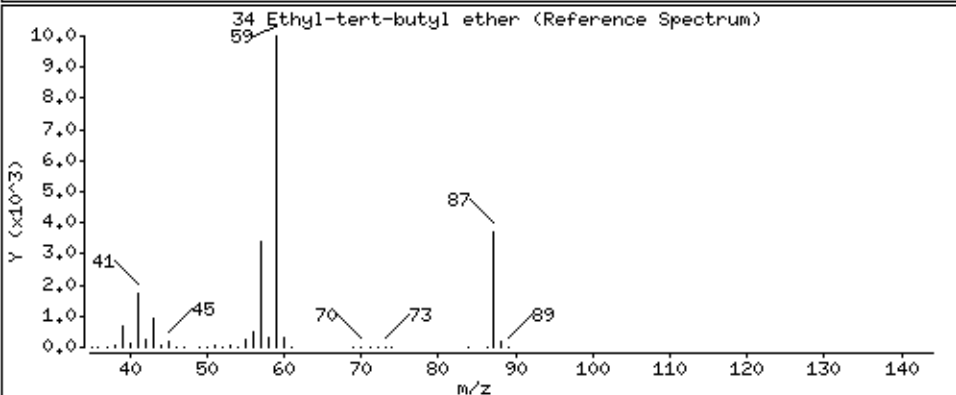
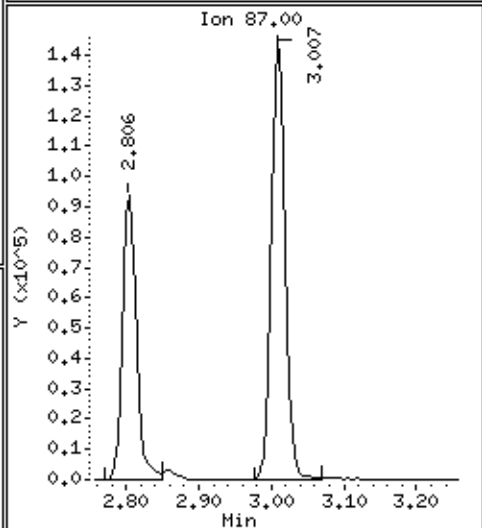
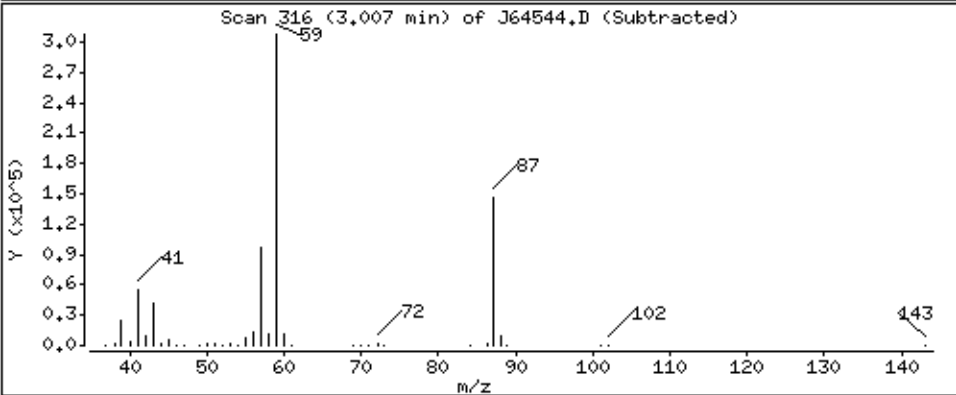
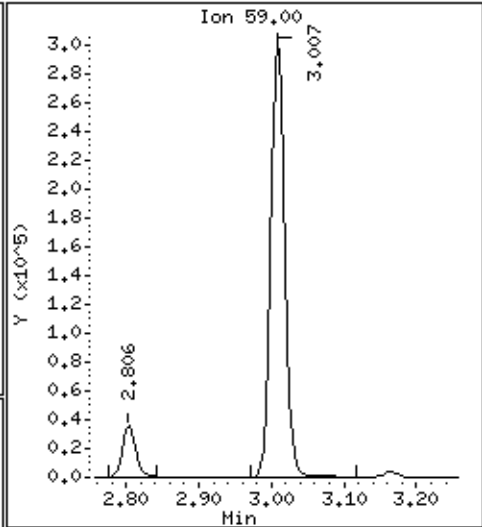
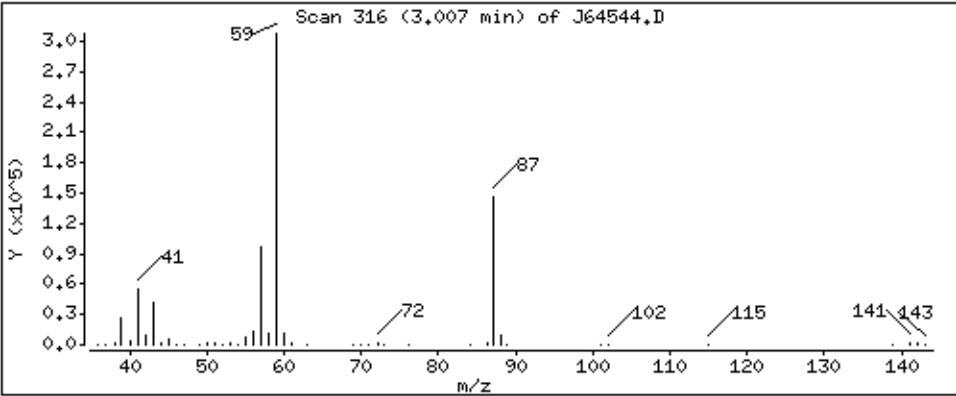
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

33 Chloroprene Concentration: 47.9 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

34 Ethyl-tert-butyl ether Concentration: 46,5 ug/L Review Code:



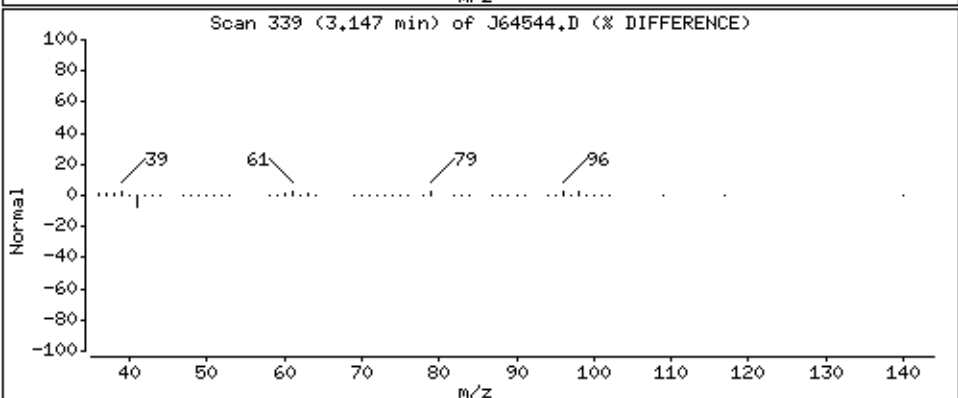
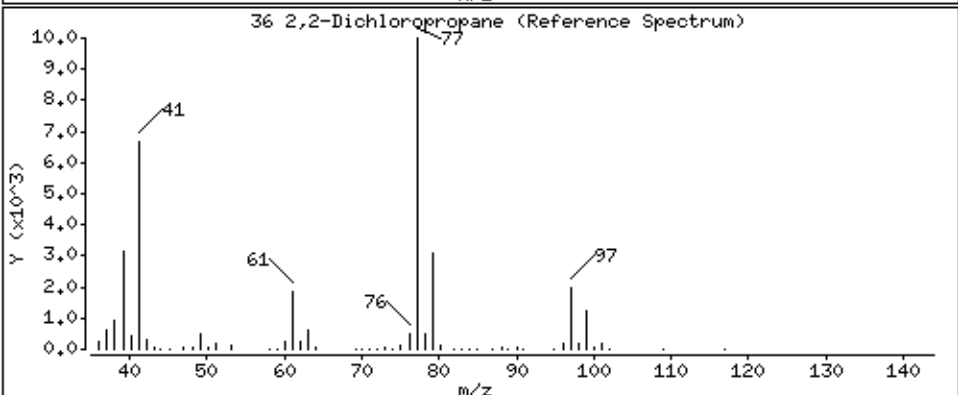
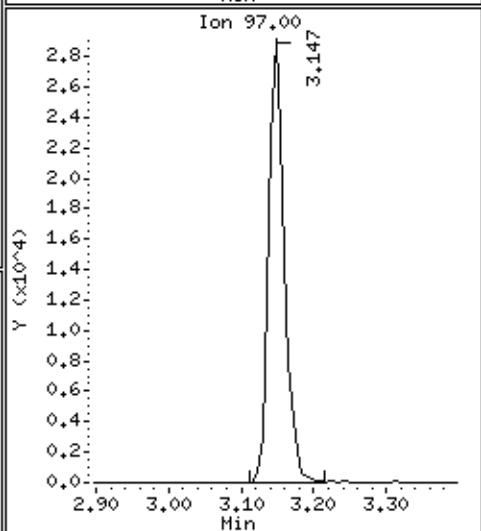
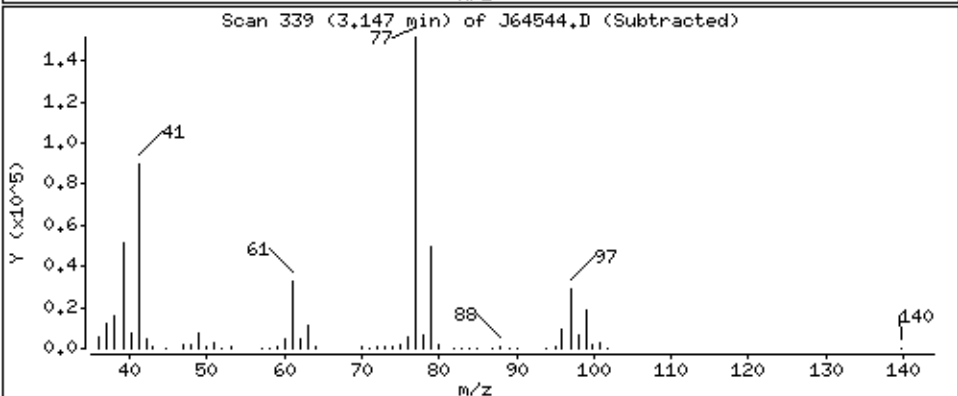
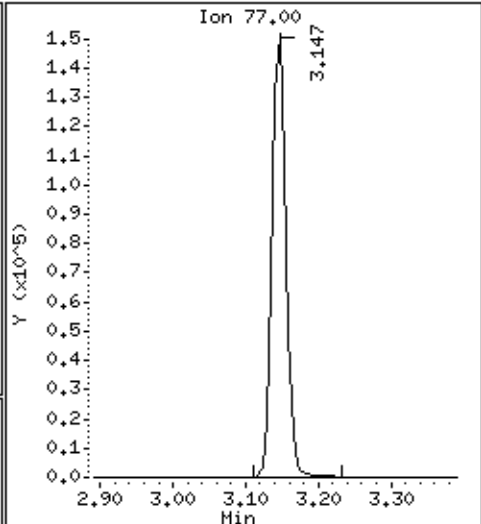
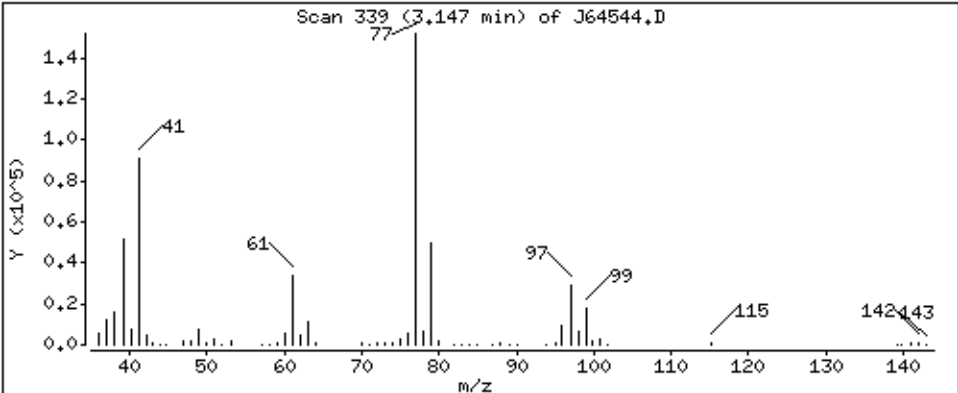
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 48.4 ug/L

Instrument: 70msv6.i

Operator: BBL

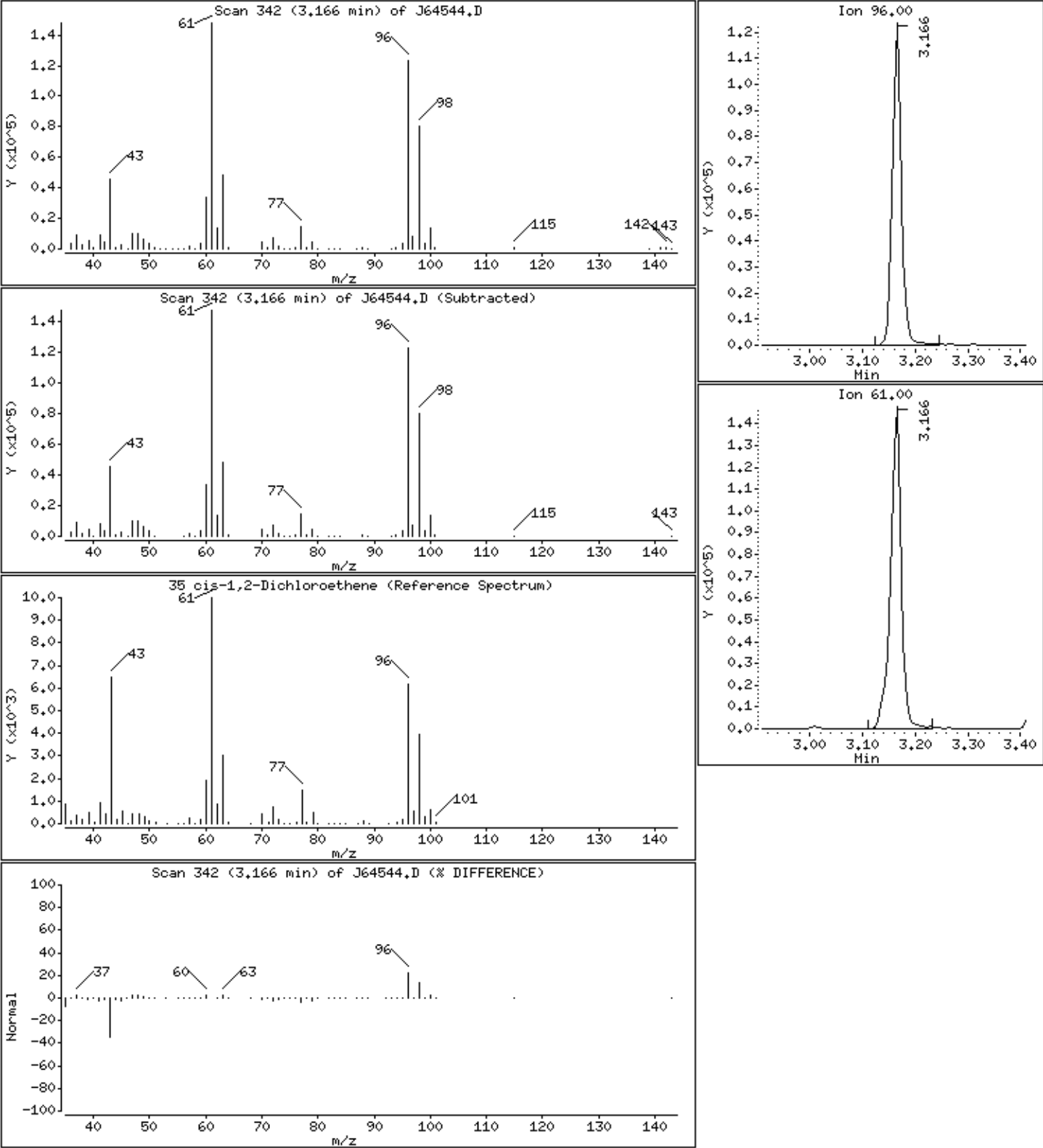
Column diameter: 0,18

Review Code:

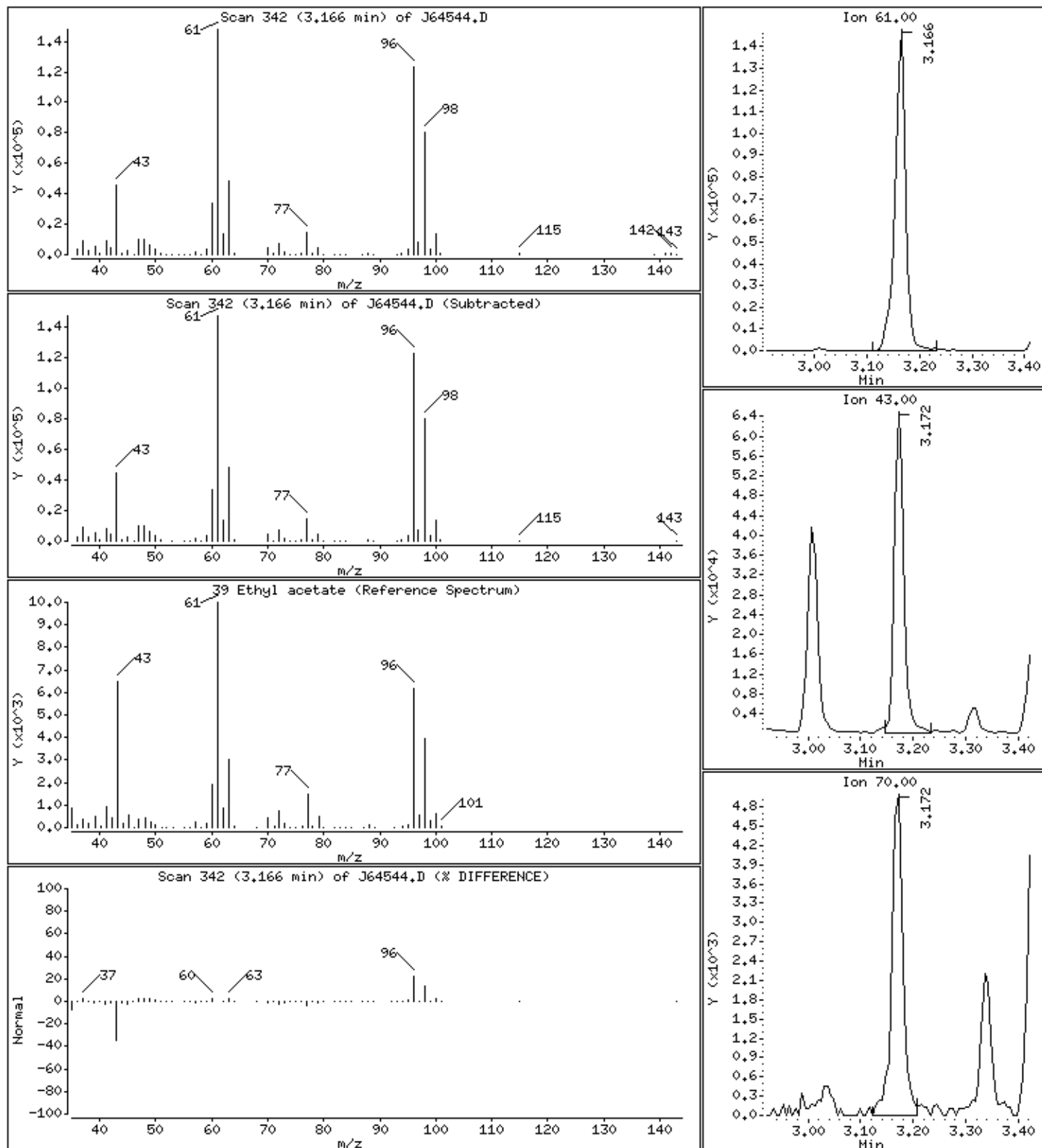


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 51.6 ug/L
Column diameter: 0.18

35 cis-1,2-Dichloroethene
Concentration: 51.6 ug/L
Review Code:

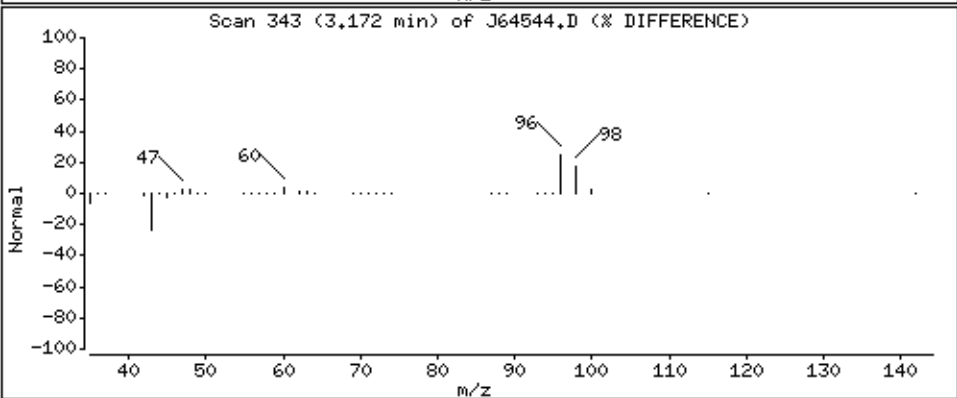
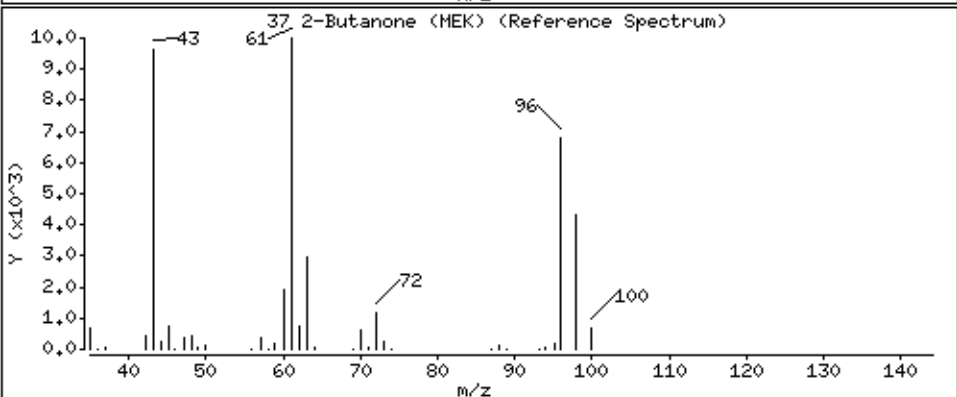
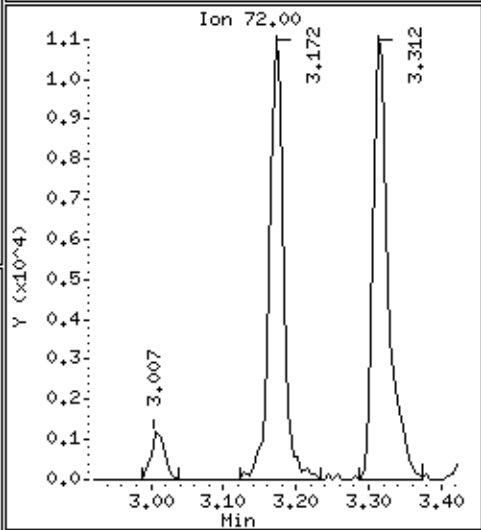
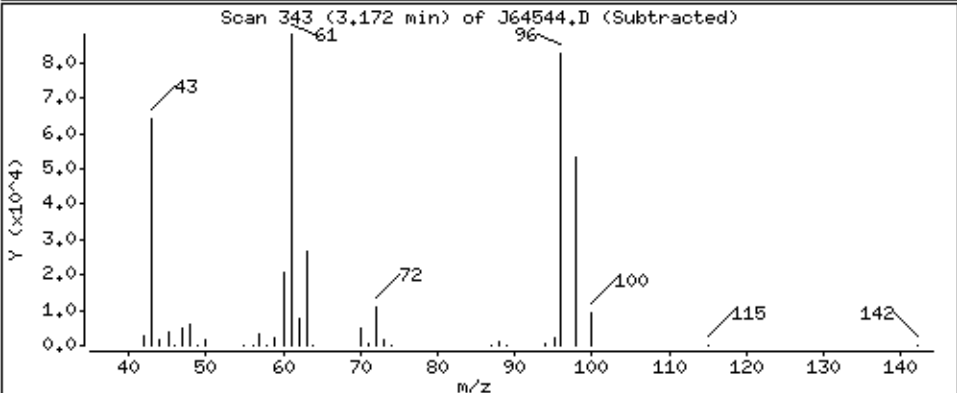
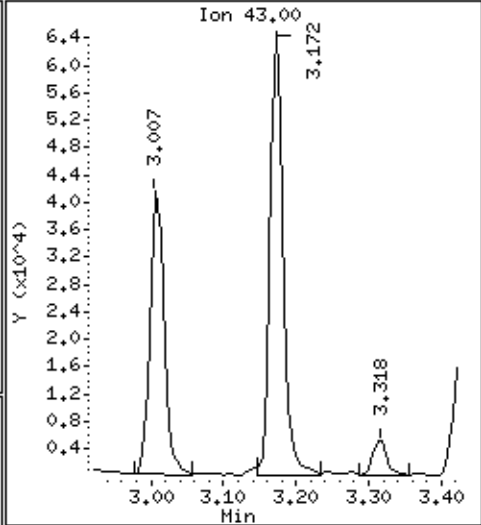
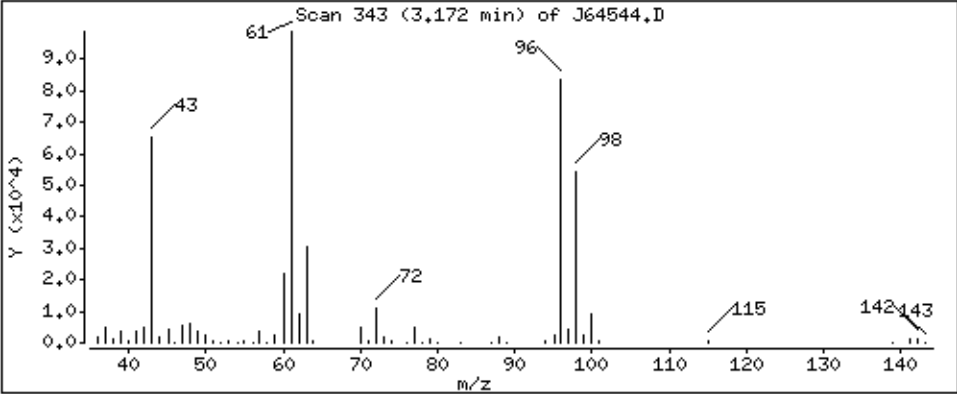


Review Code:



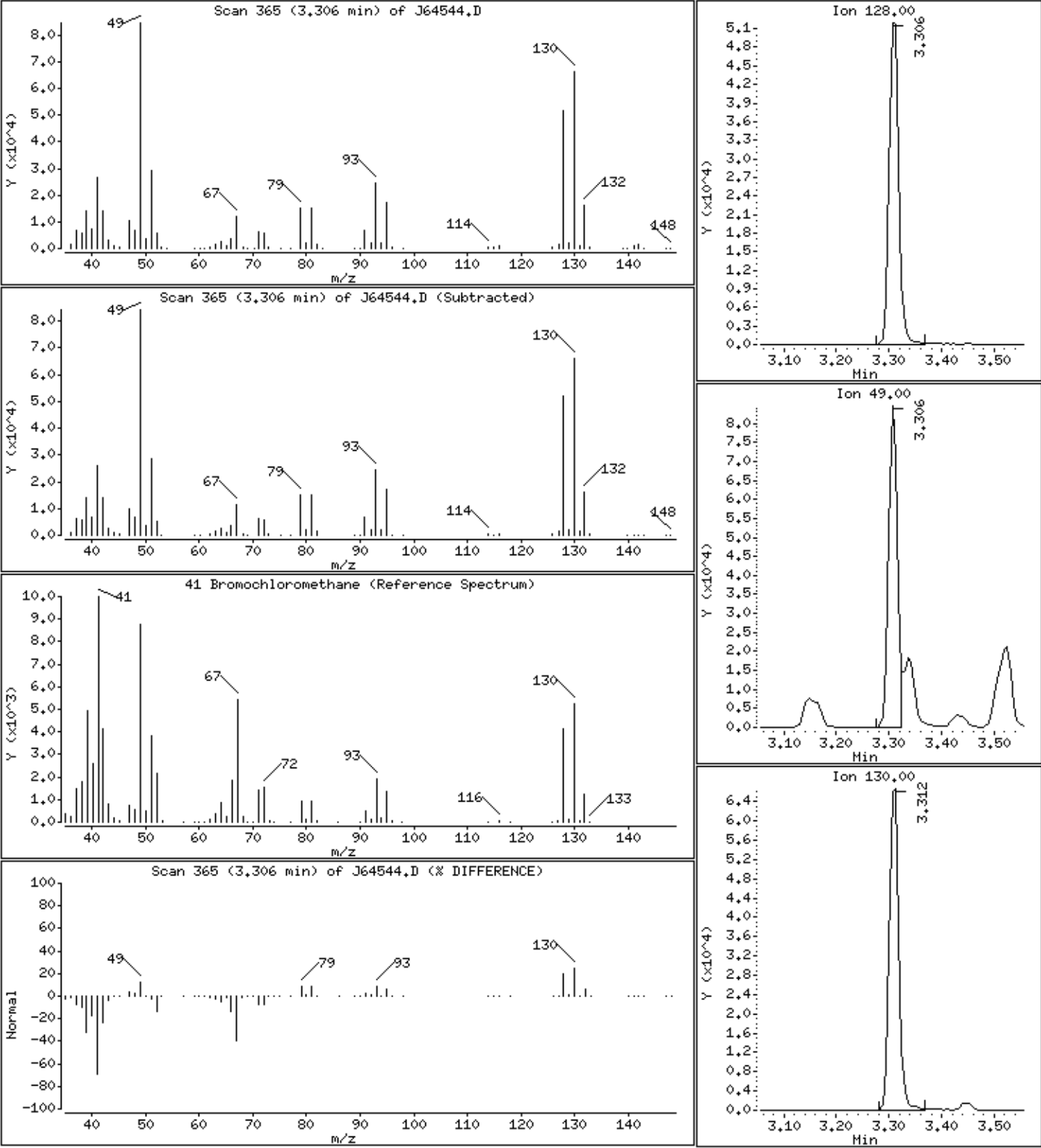
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 36.2 ug/L
Column diameter: 0.18

37 2-Butanone (MEK) Review Code:



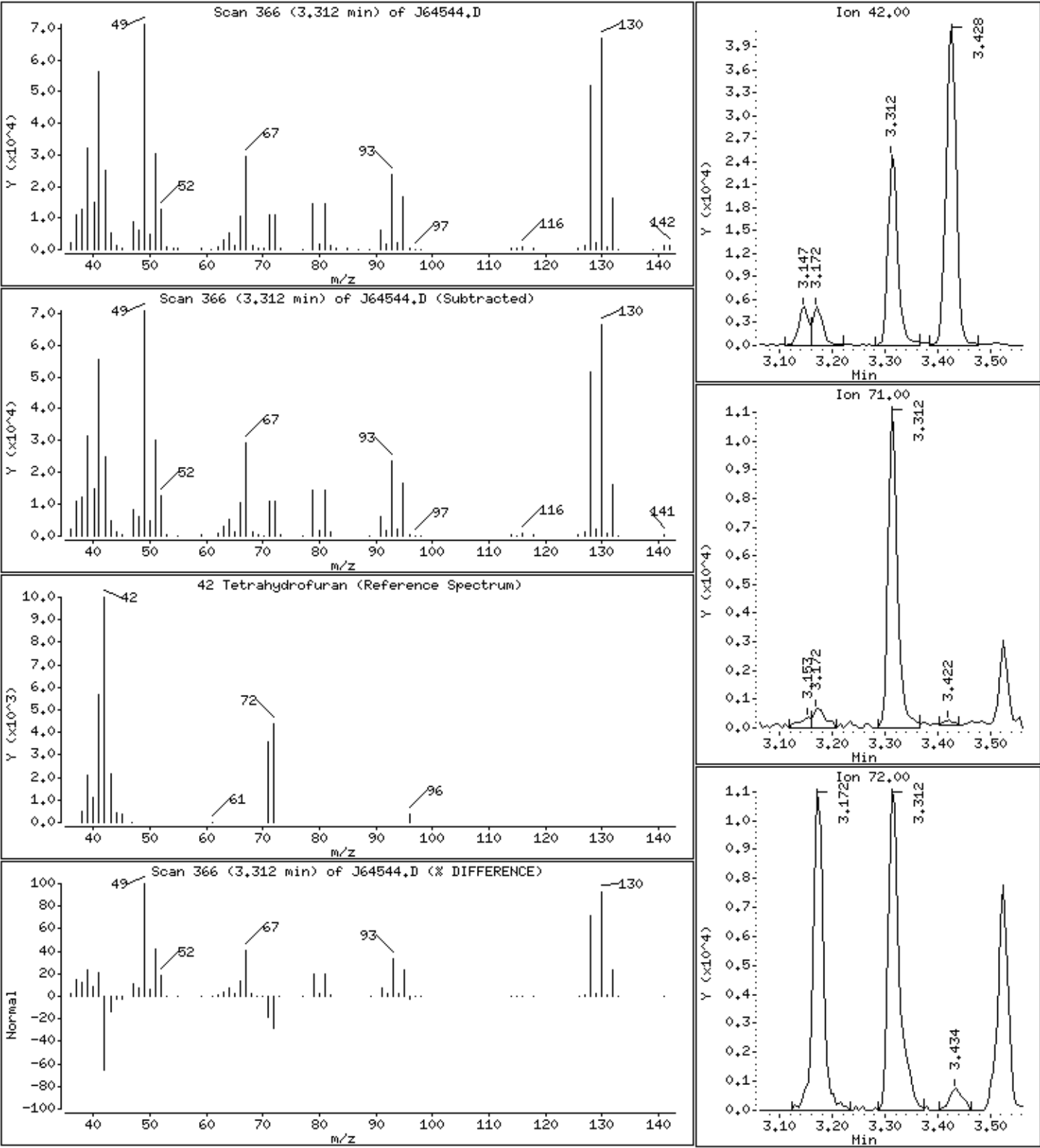
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

41 Bromochloromethane
Concentration: 56.1 ug/L
Review Code:



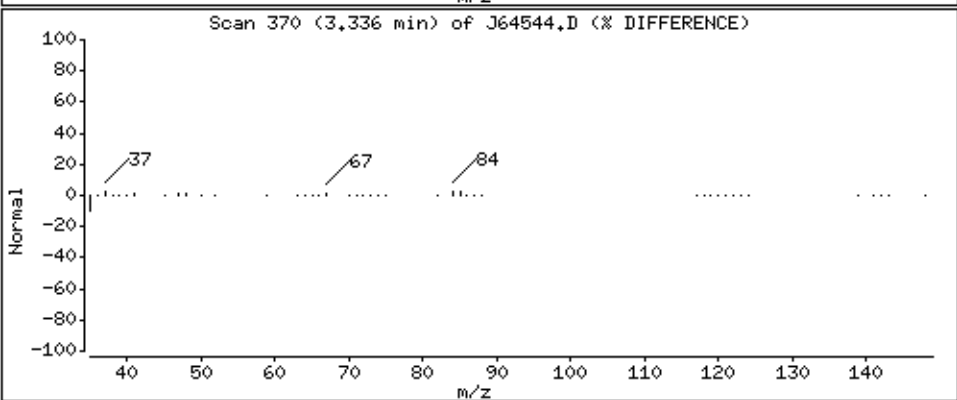
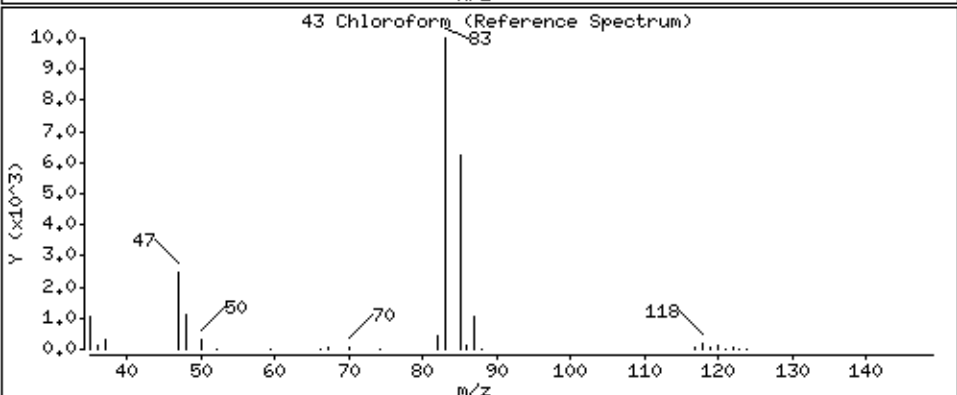
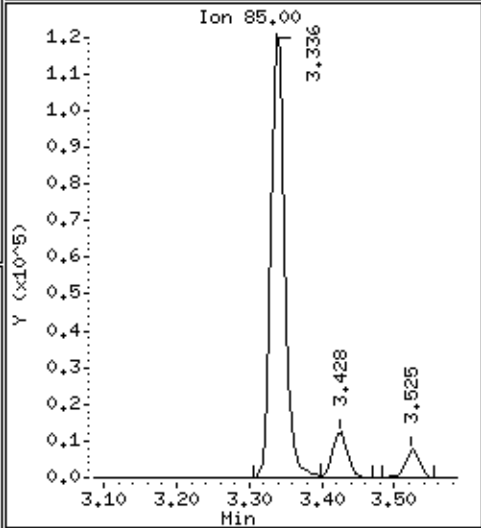
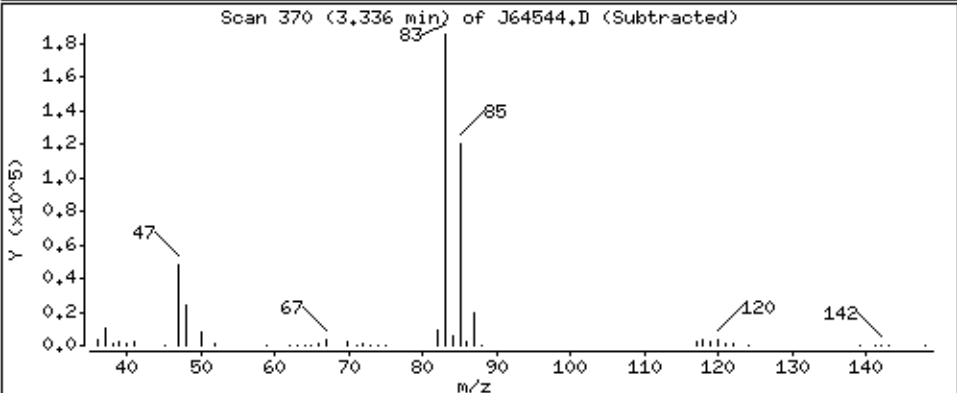
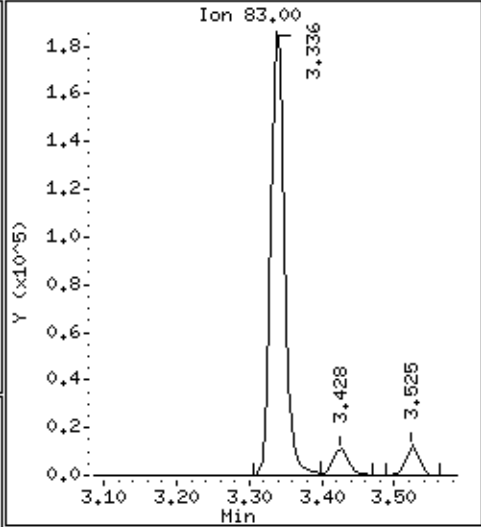
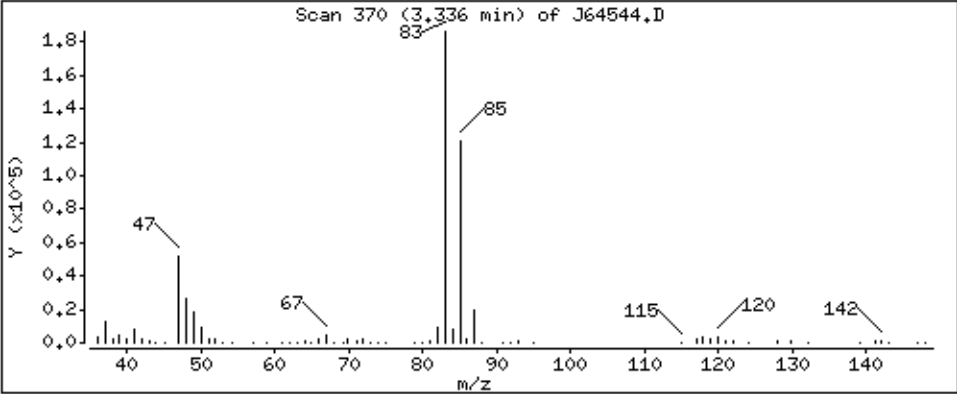
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

42 Tetrahydrofuran Concentration: 38,7 ug/L Review Code:



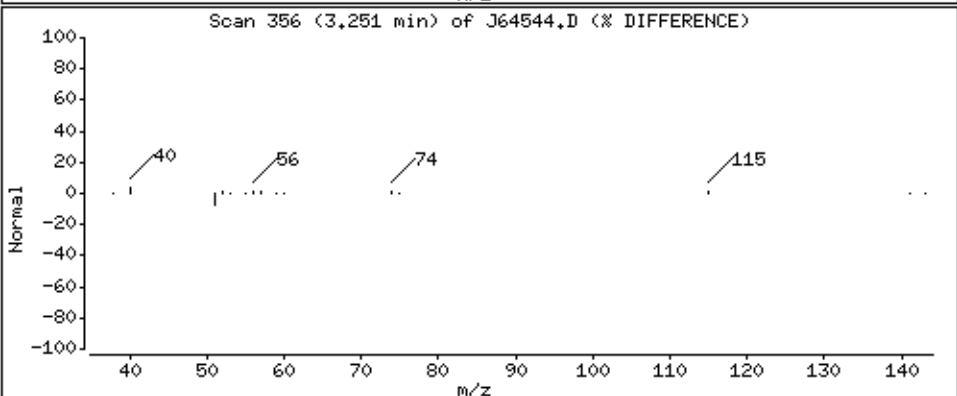
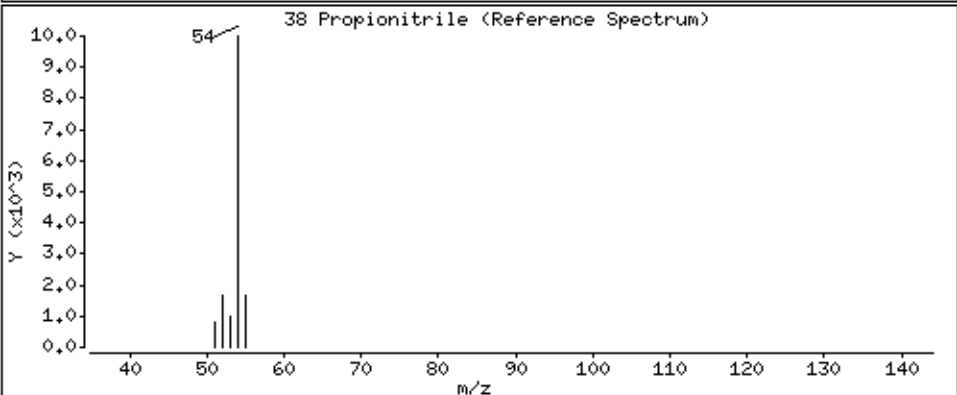
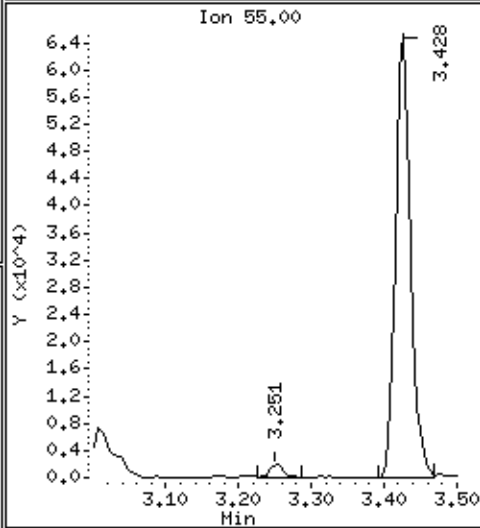
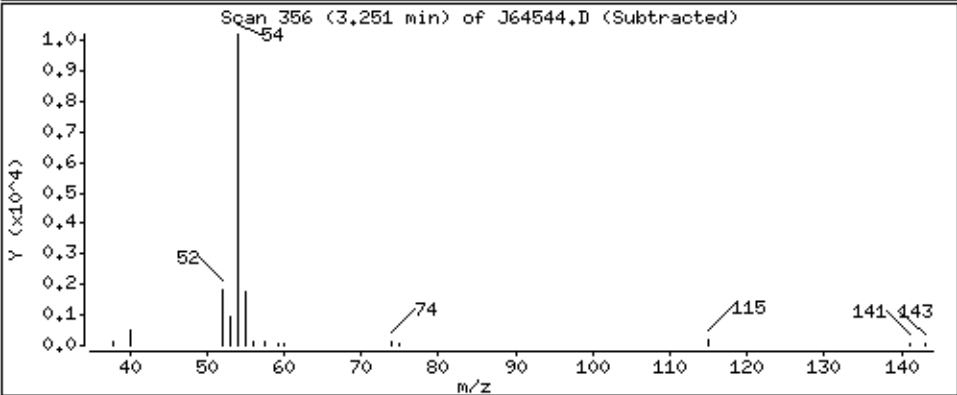
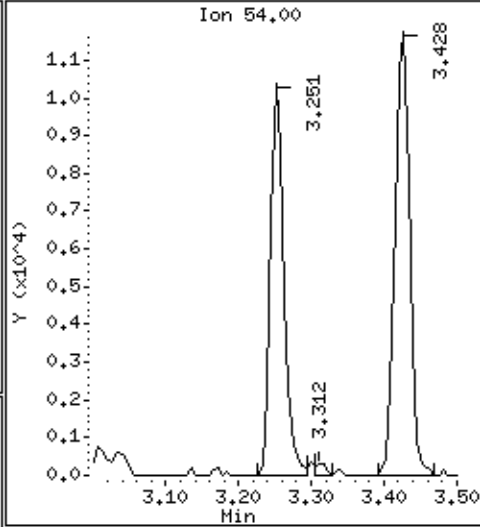
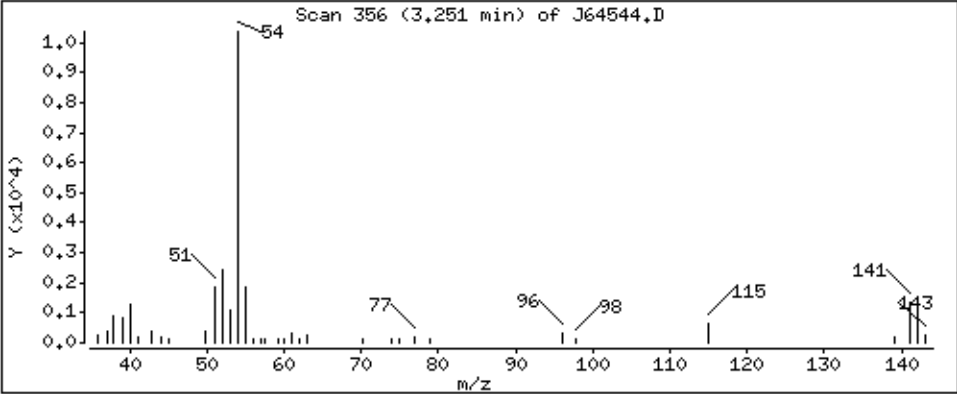
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

43 Chloroform Concentration: 54,3 ug/L Review Code:



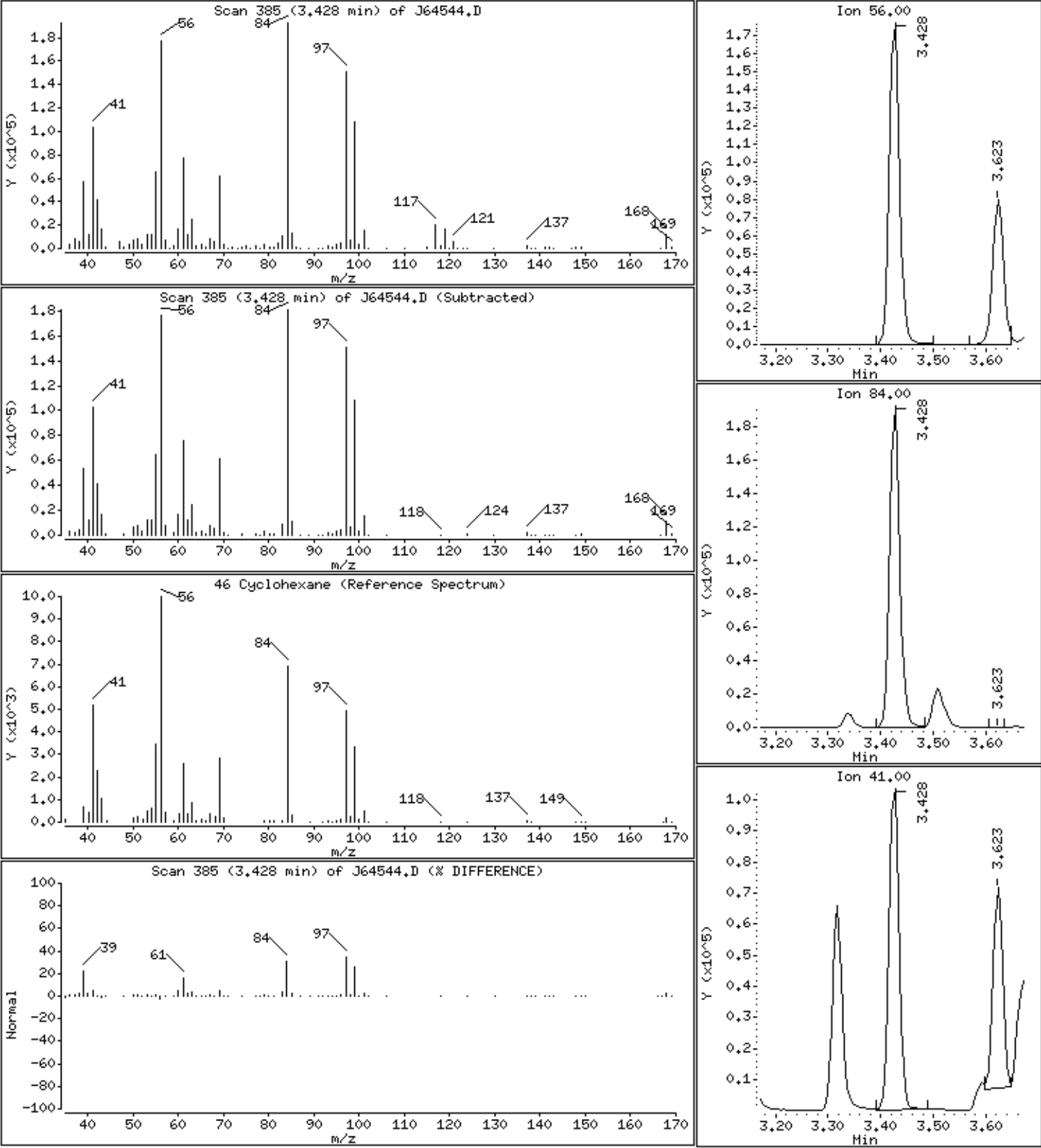
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

38 Propionitrile
Concentration: 39.7 ug/L
Review Code:

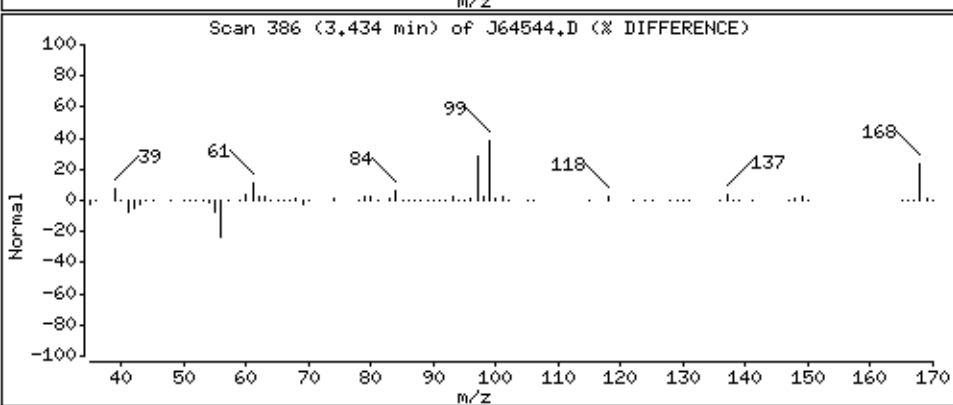
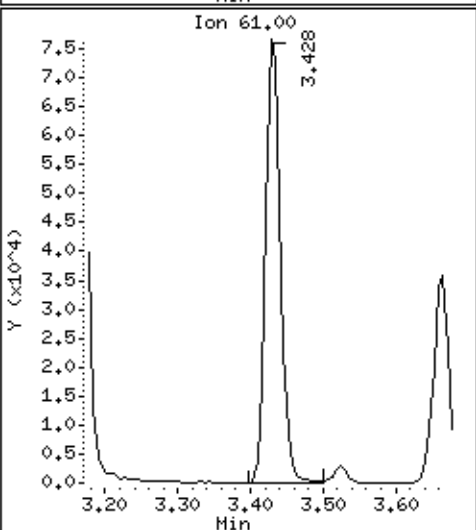
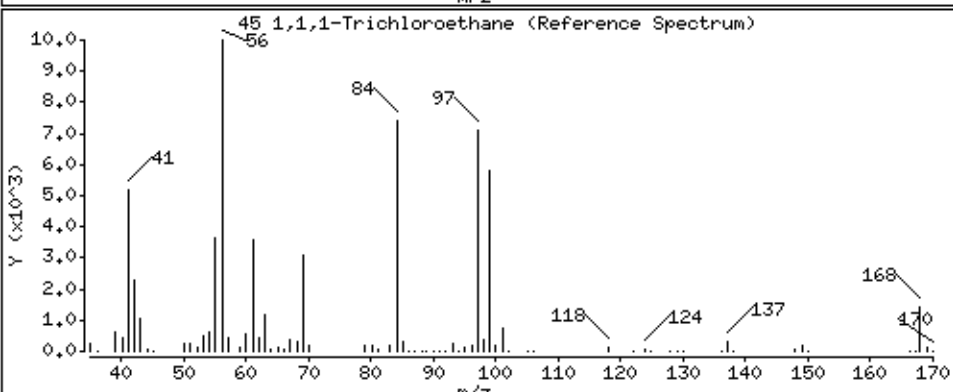
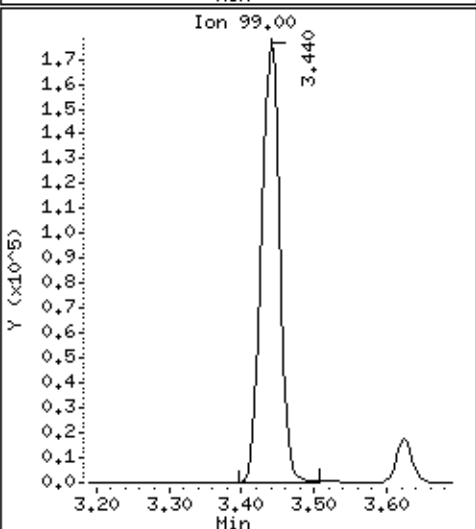
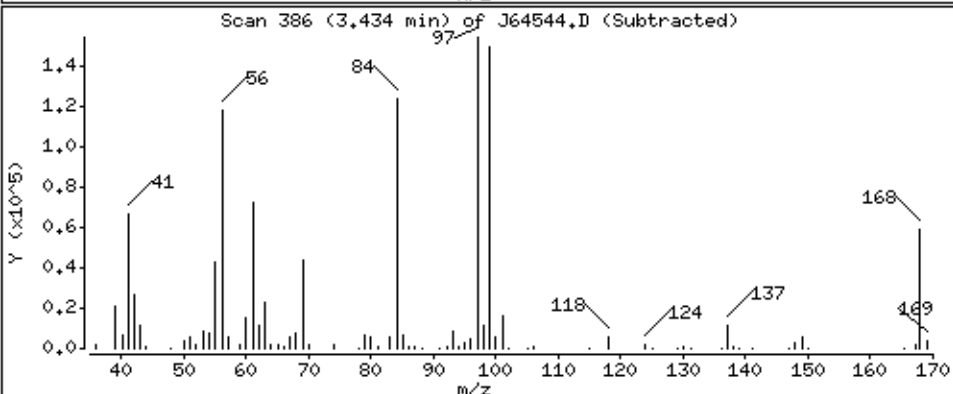
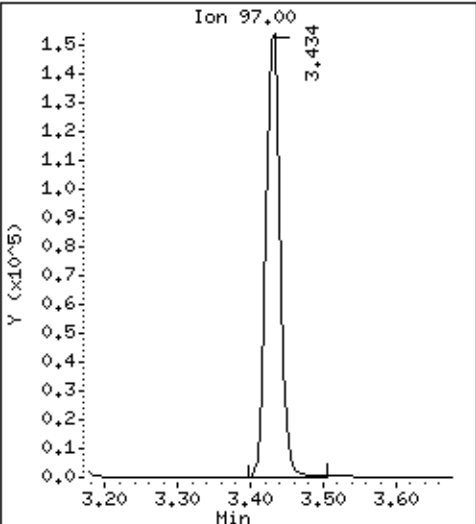
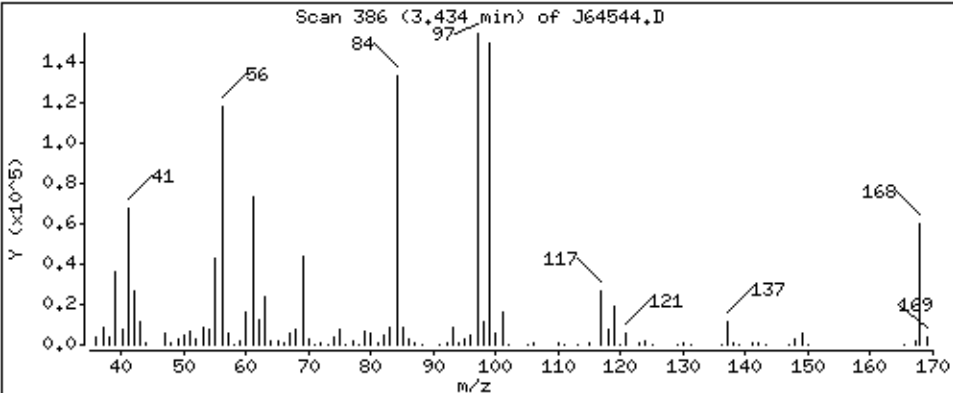


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

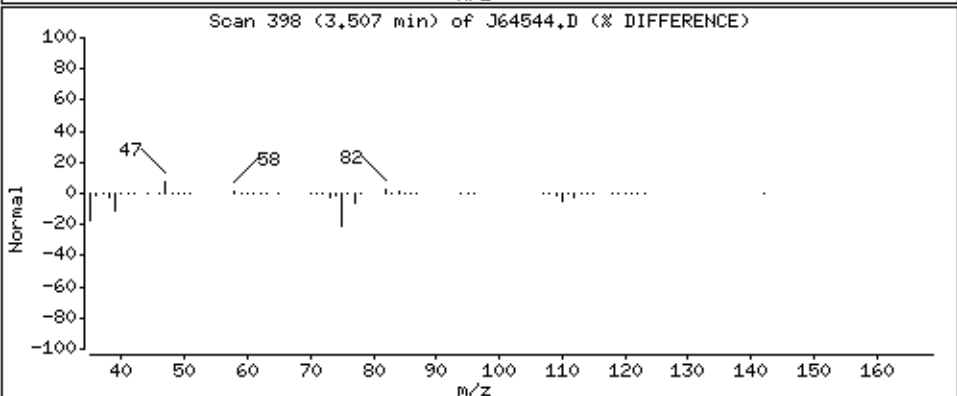
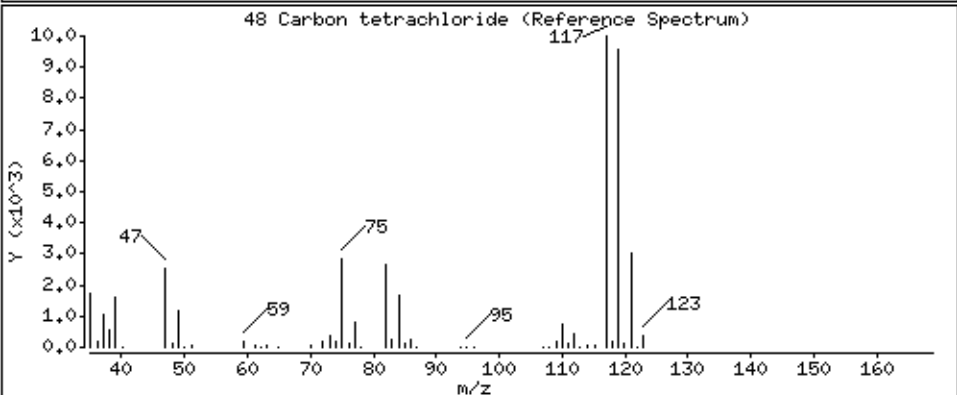
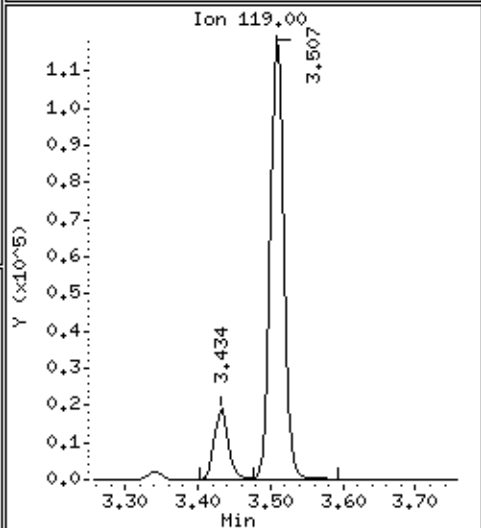
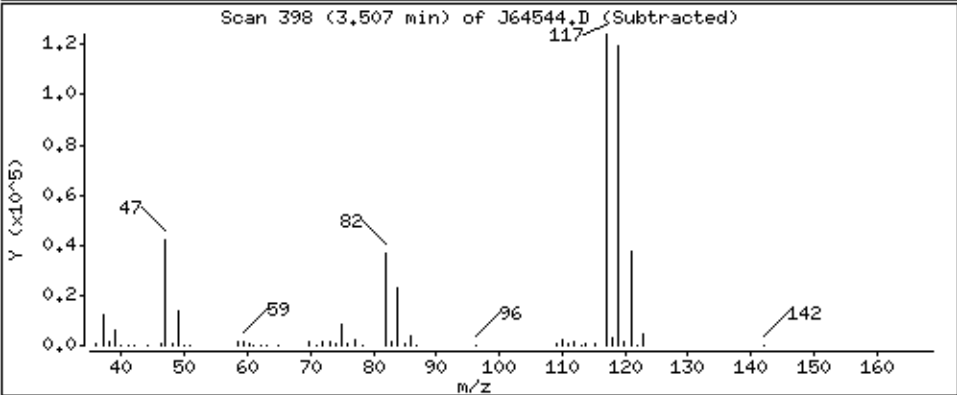
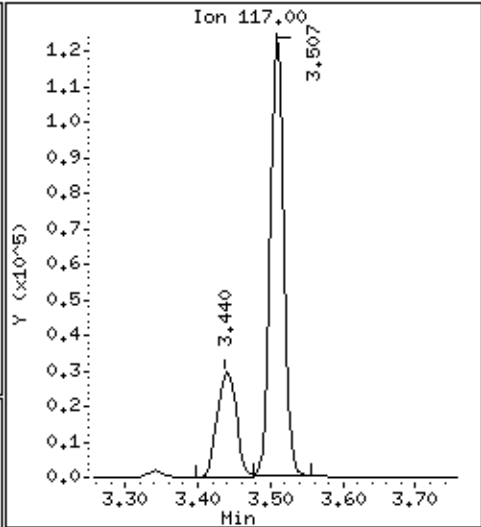
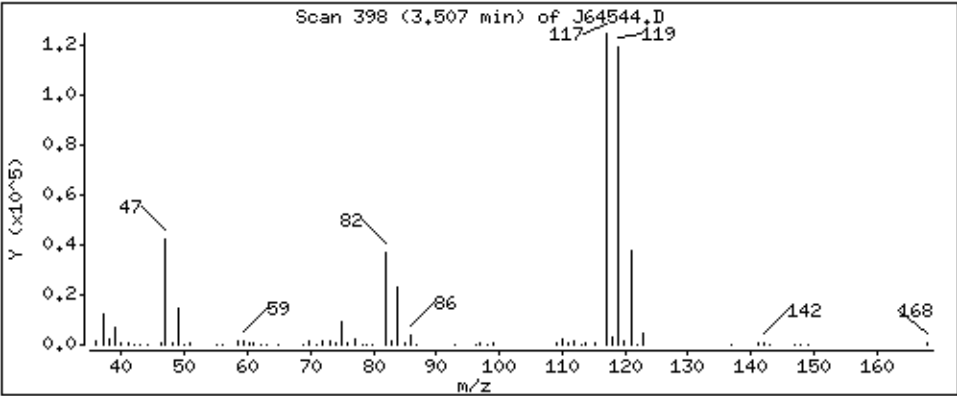
46 Cyclohexane
Concentration: 42.6 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
45 1,1,1-Trichloroethane
Concentration: 51.1 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 48.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

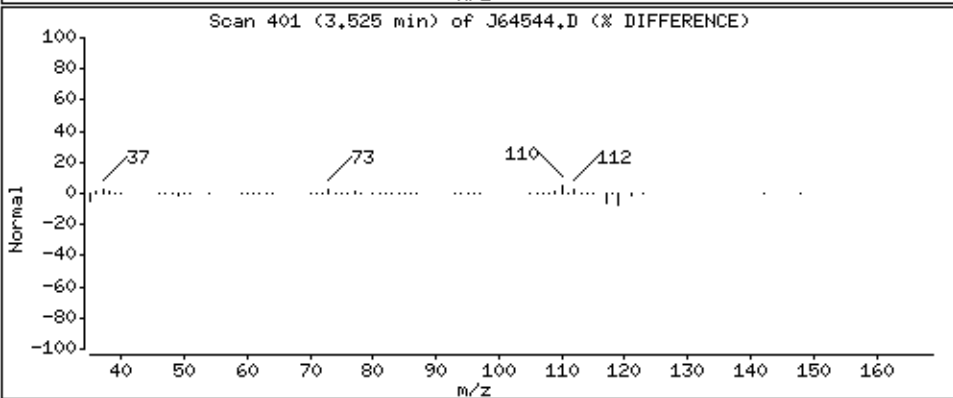
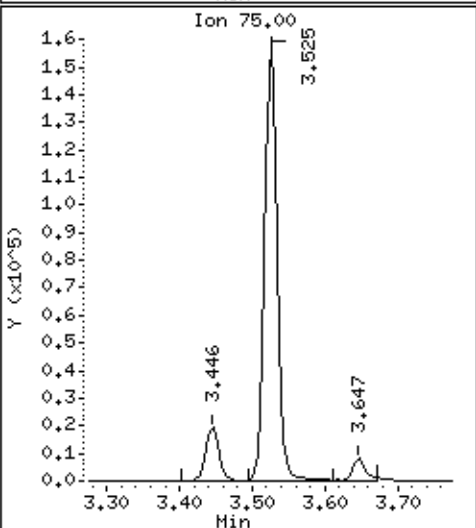
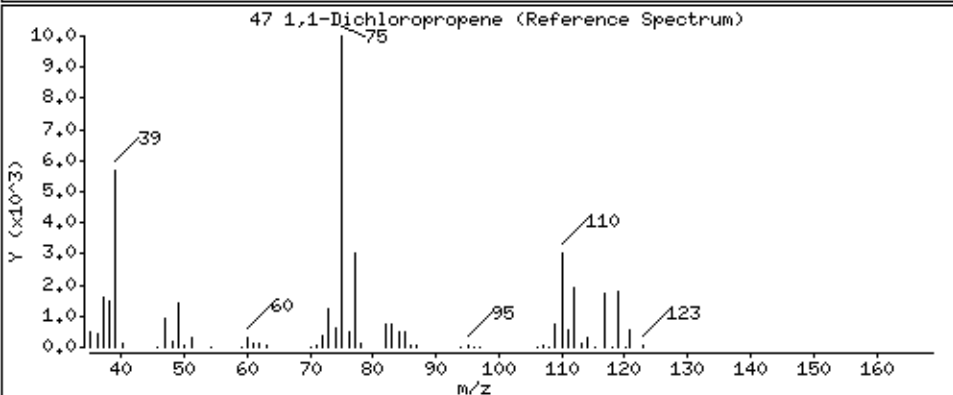
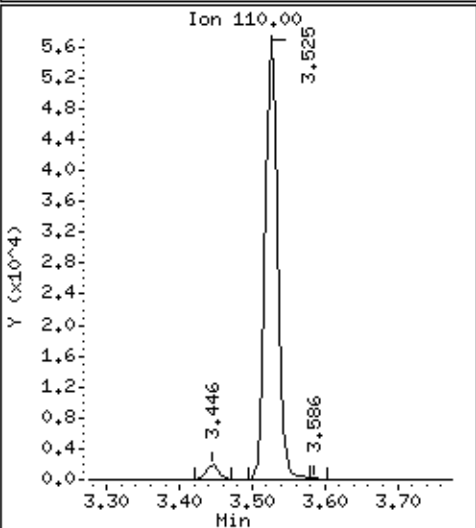
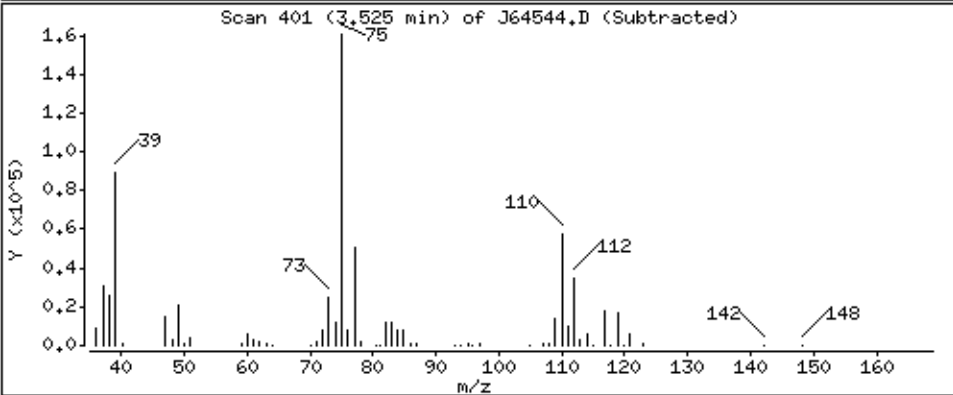
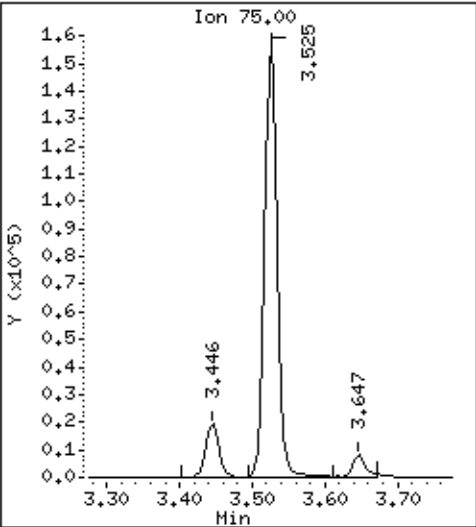
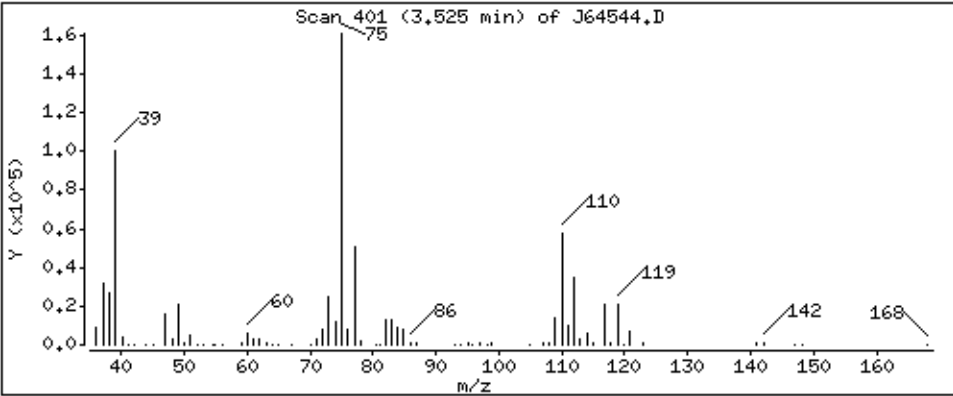


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 48.8 ug/L

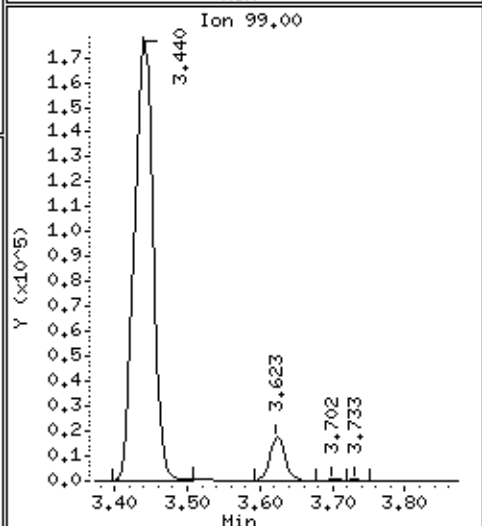
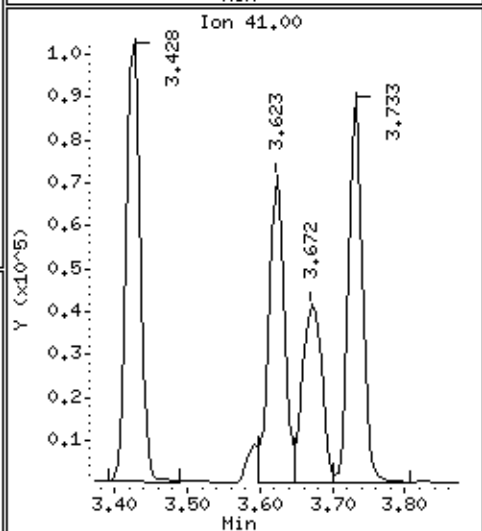
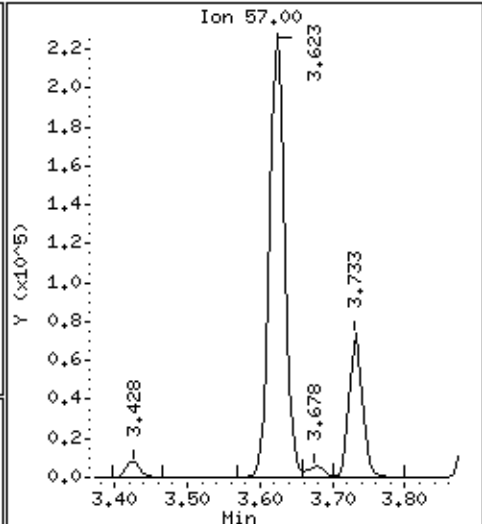
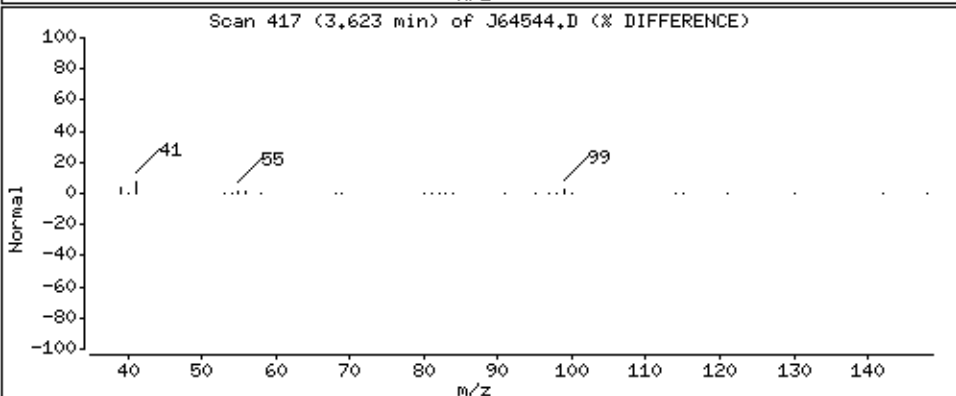
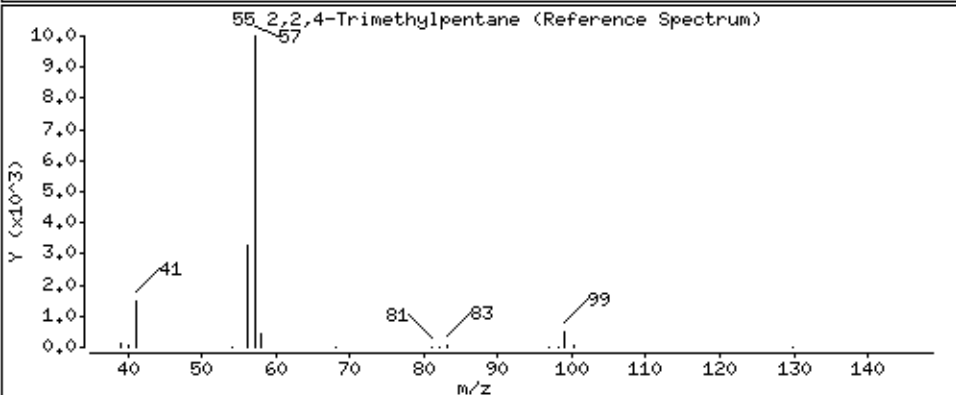
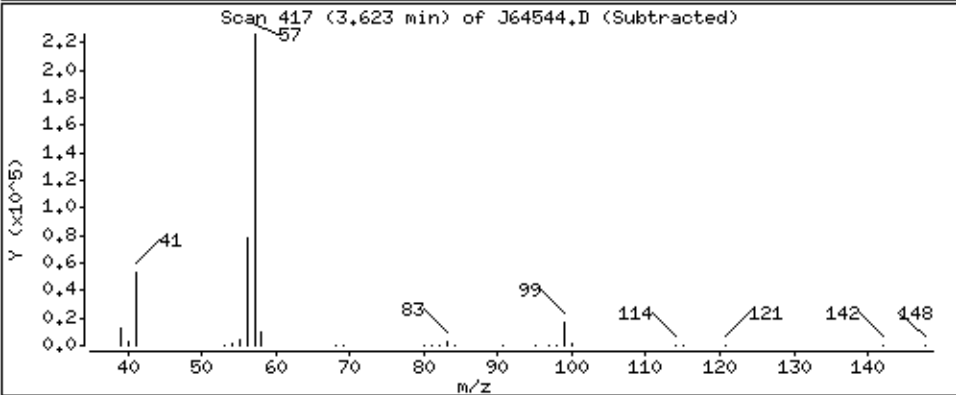
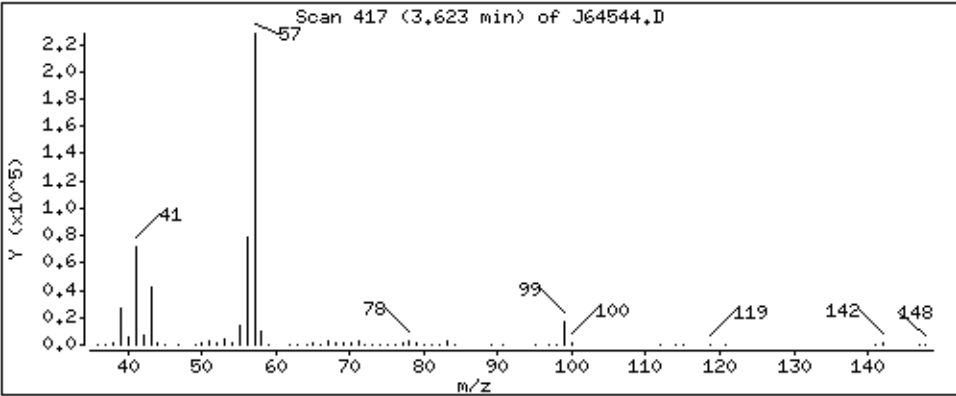
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

47 1,1-Dichloropropene

Review Code:

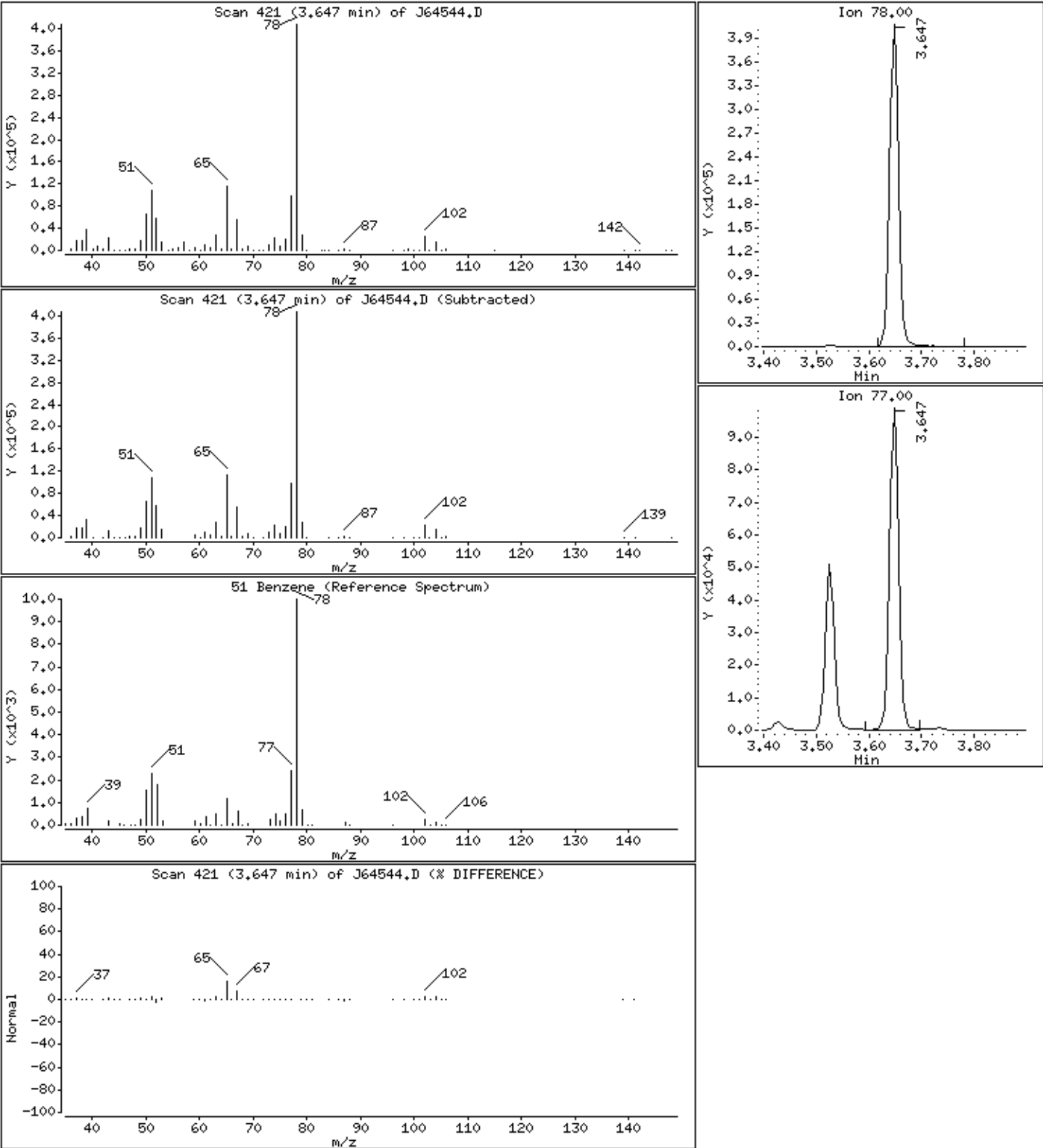


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
55 2,2,4-Trimethylpentane
Concentration: 43.6 ug/L
Review Code:

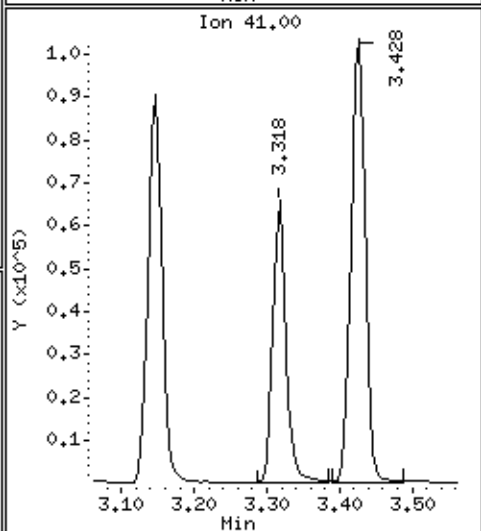
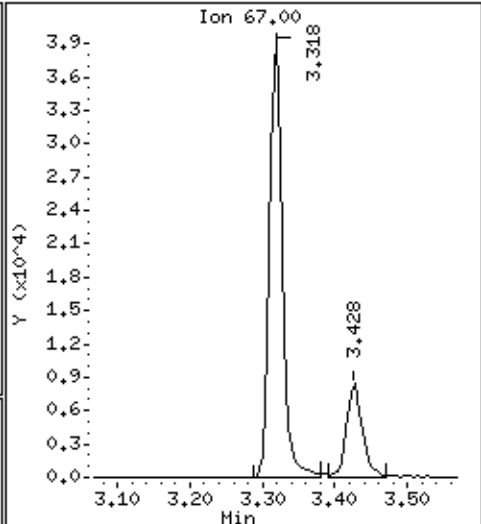
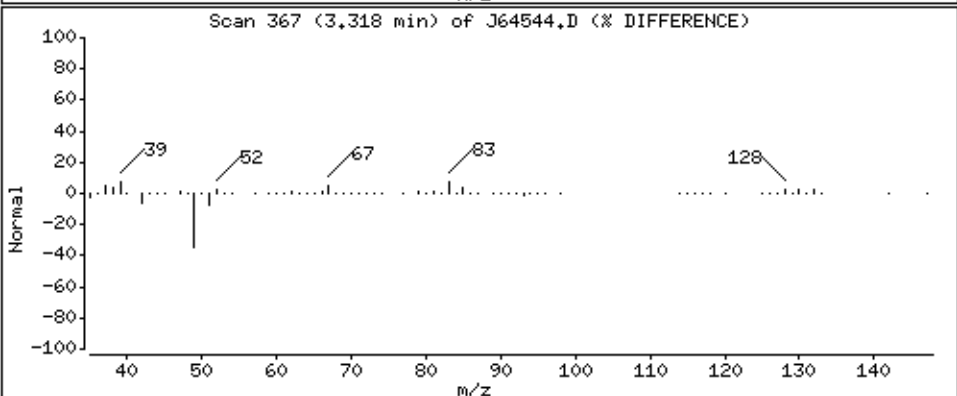
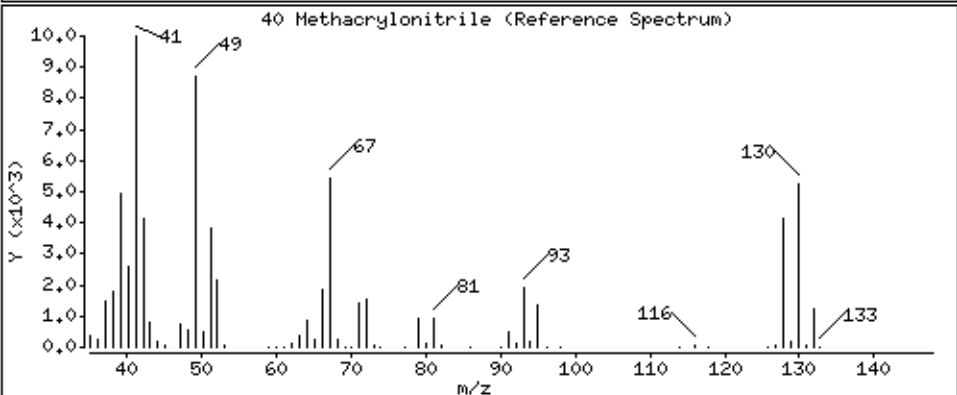
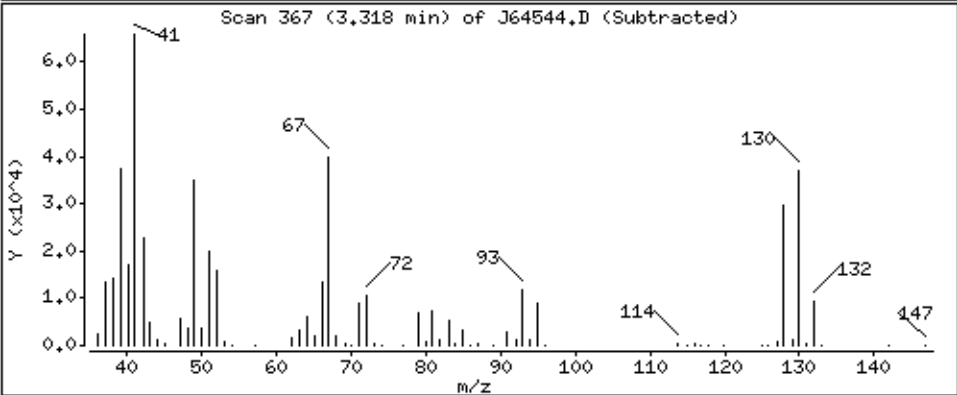
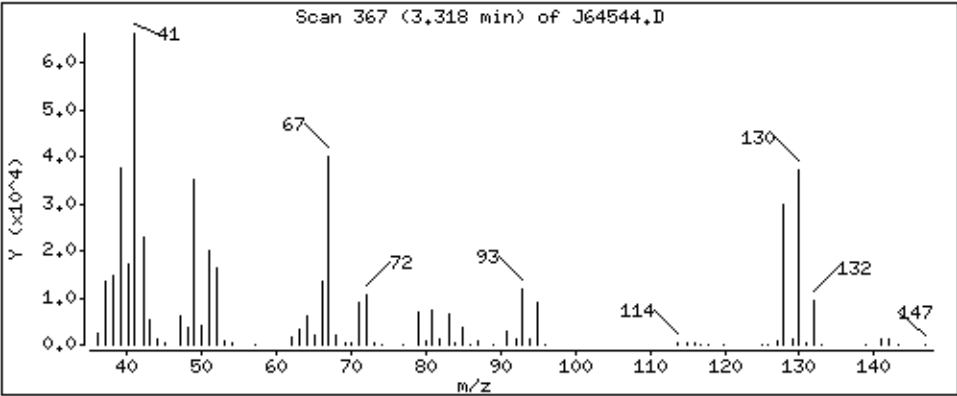


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

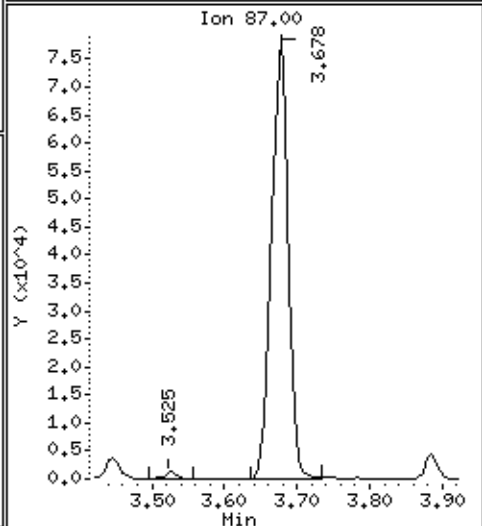
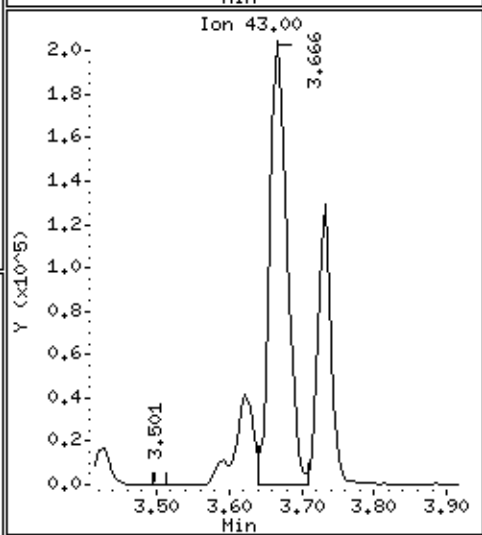
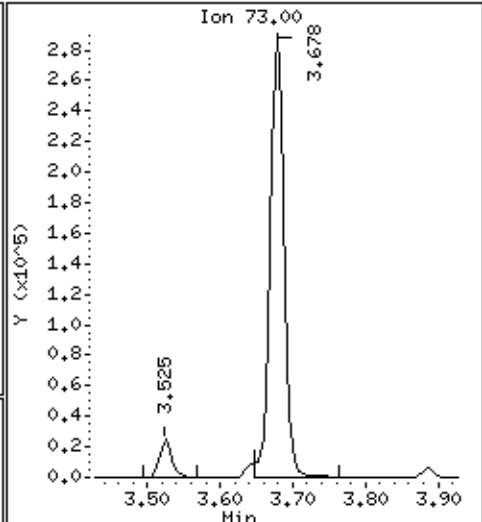
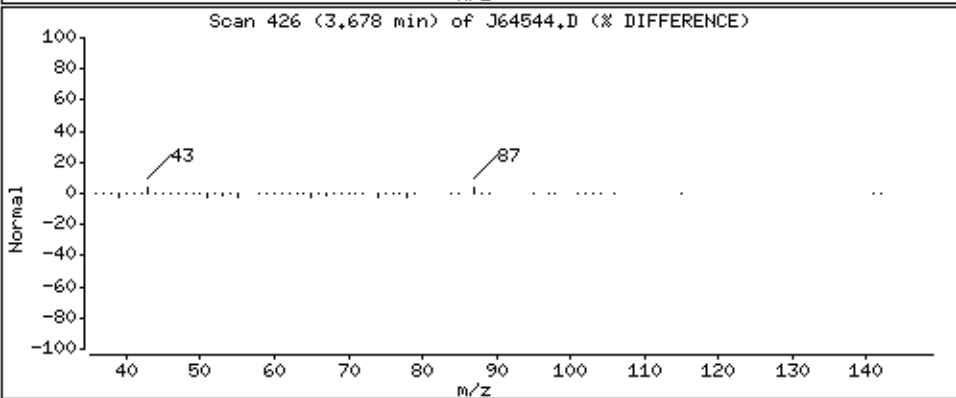
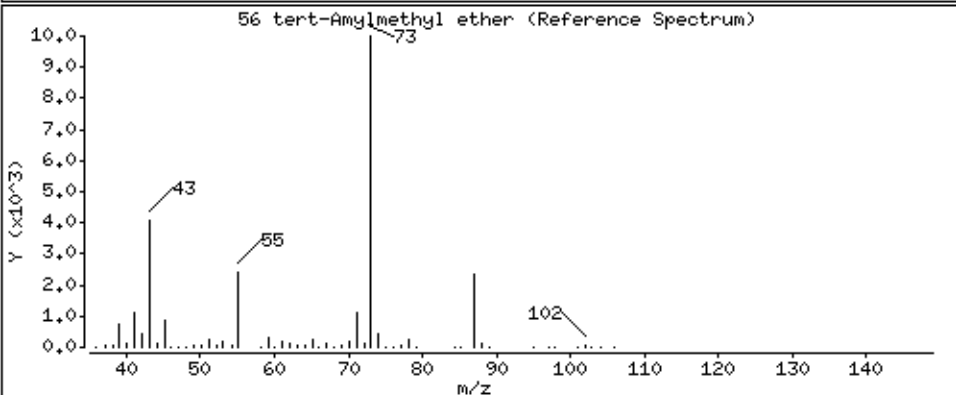
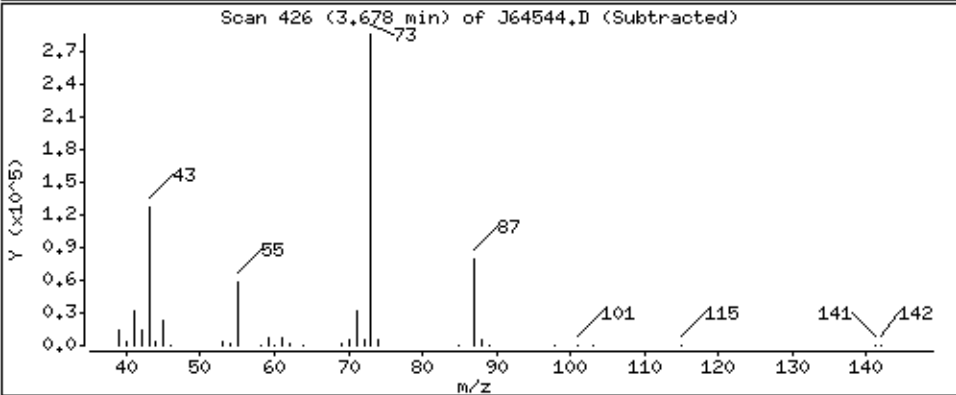
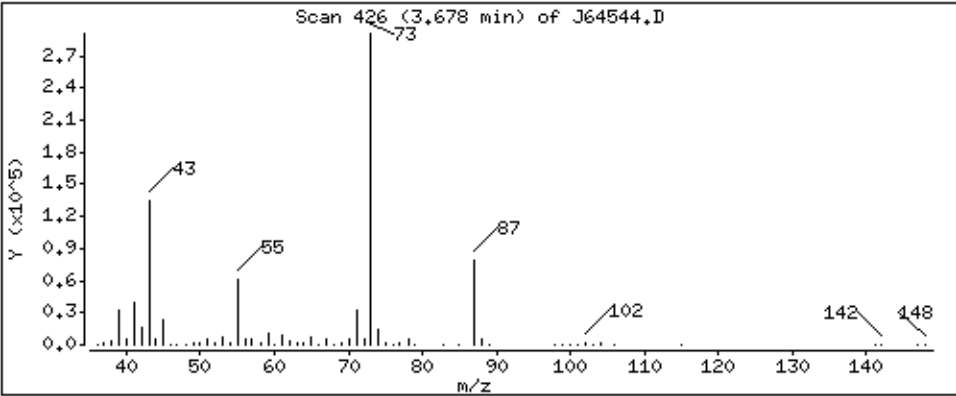
51 Benzene Concentration: 46,4 ug/L Review Code:



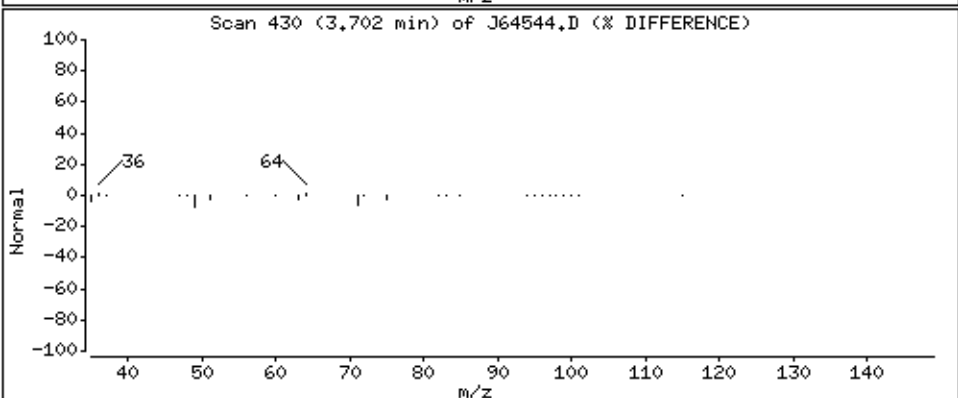
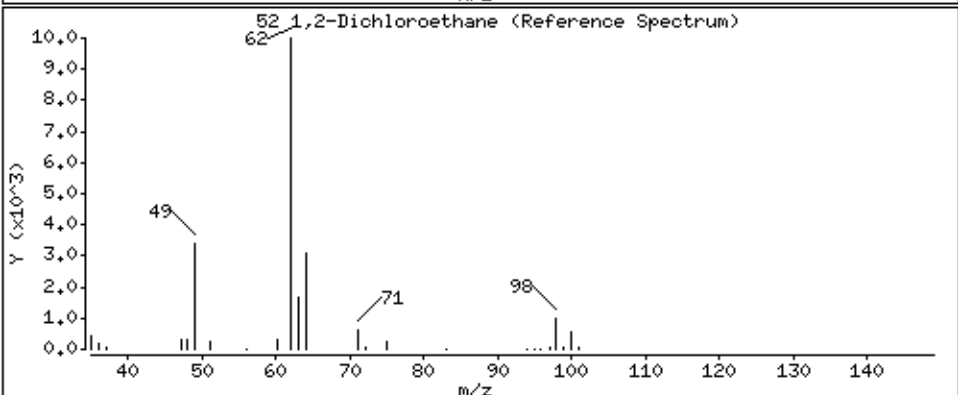
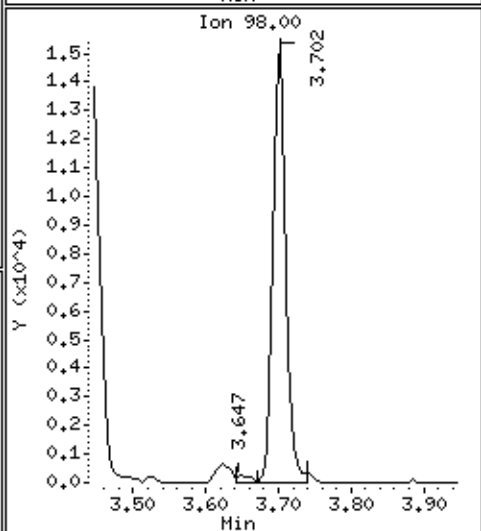
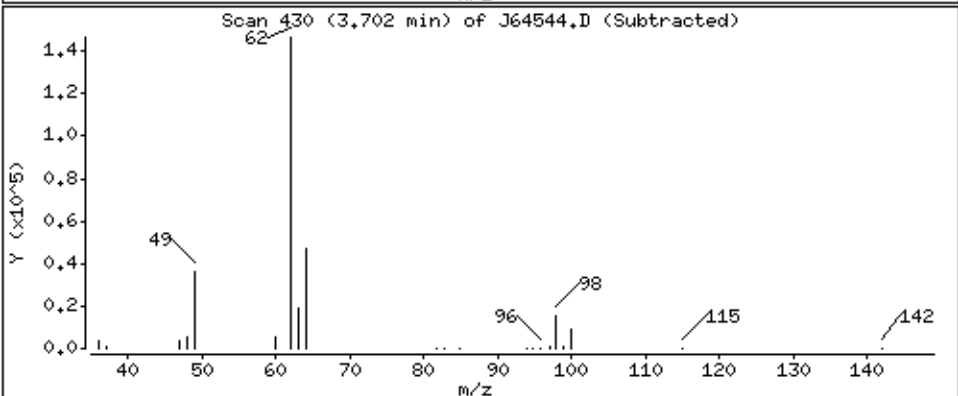
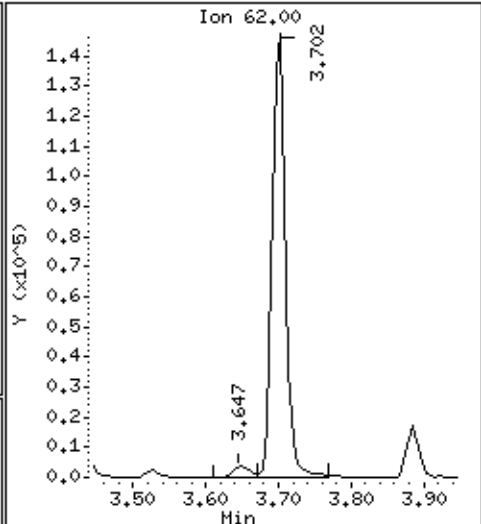
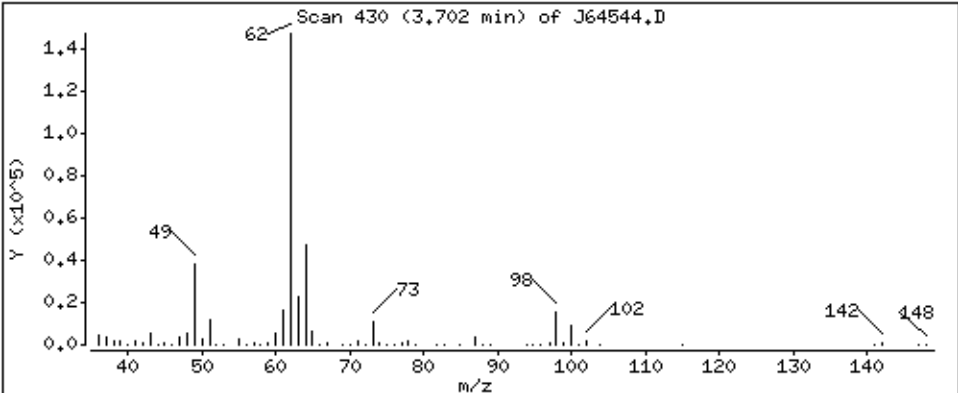
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
40 Methacrylonitrile
Concentration: 45.6 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
56 tert-Amylmethyl ether
Concentration: 47.9 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

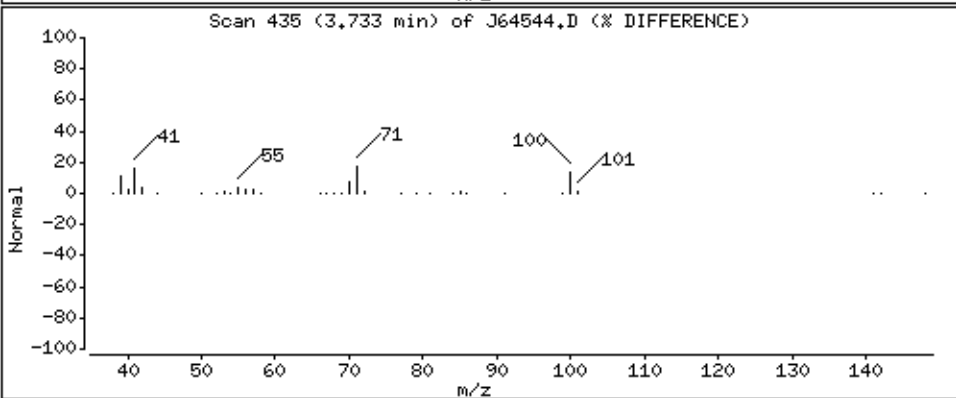
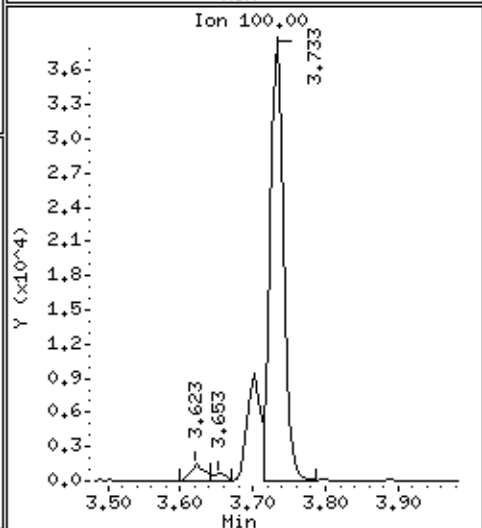
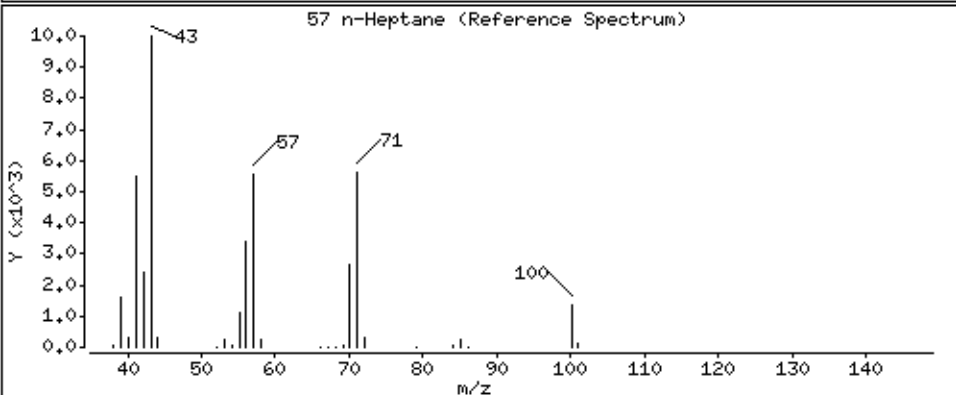
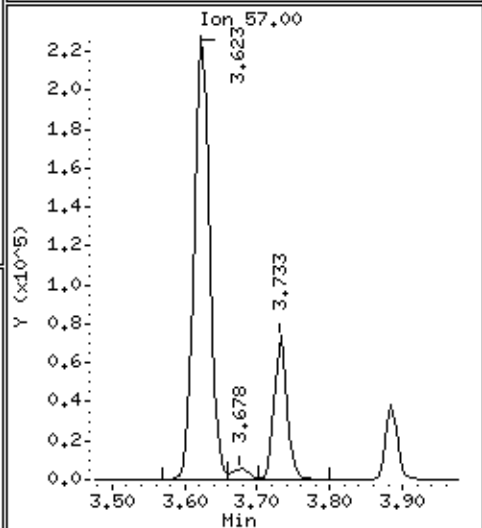
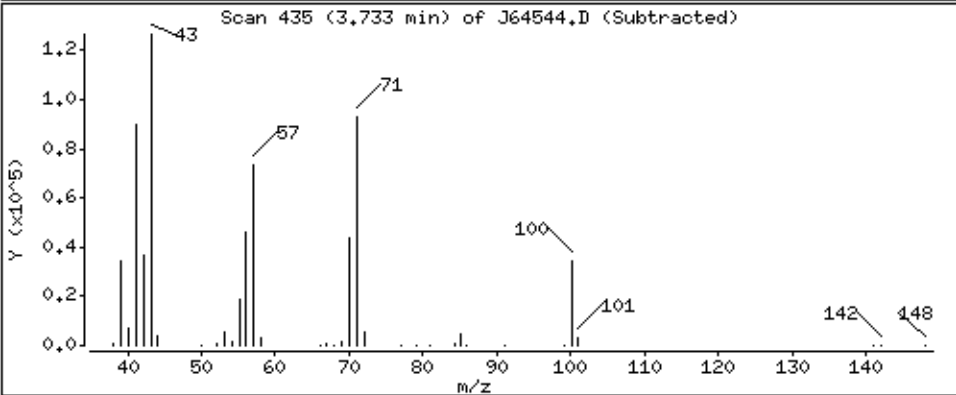
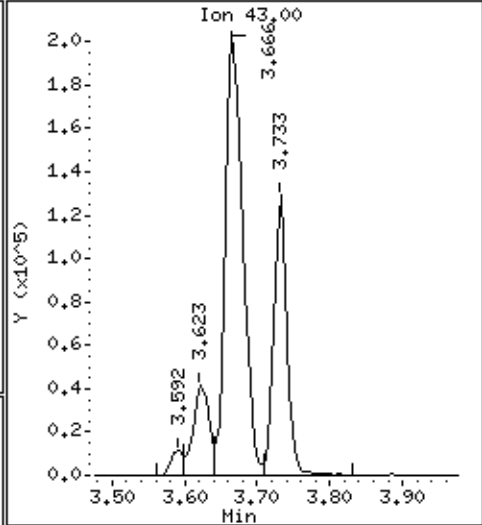
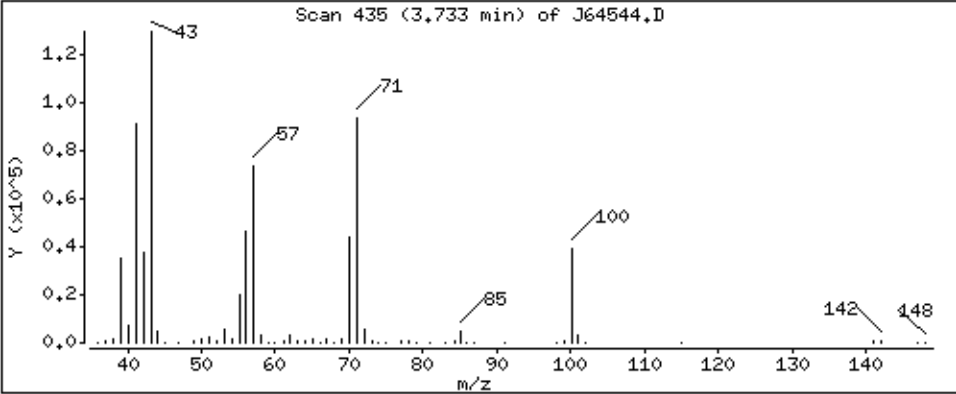


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 50.7 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



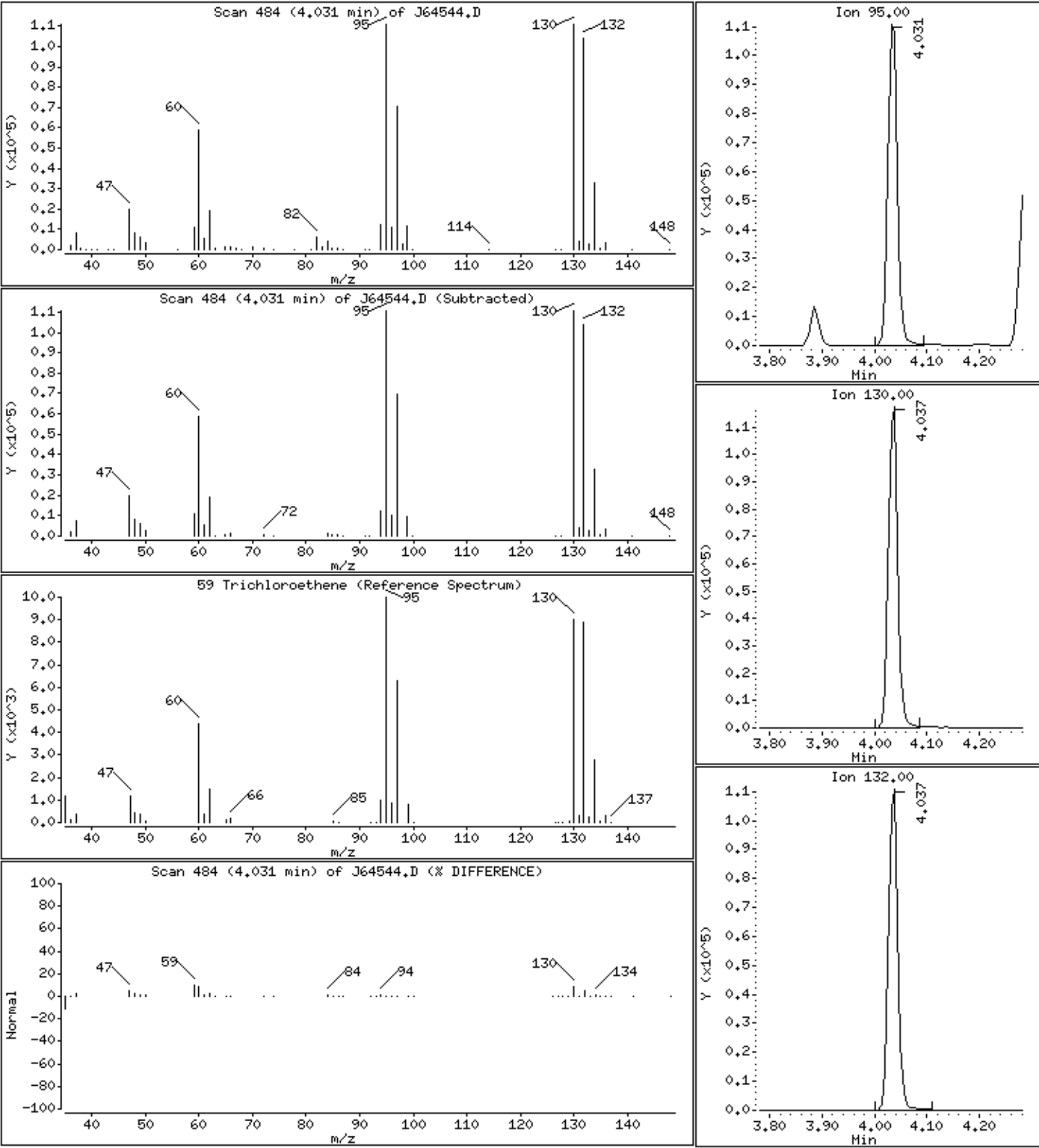
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

57 n-Heptane
Concentration: 40.5 ug/L
Review Code:

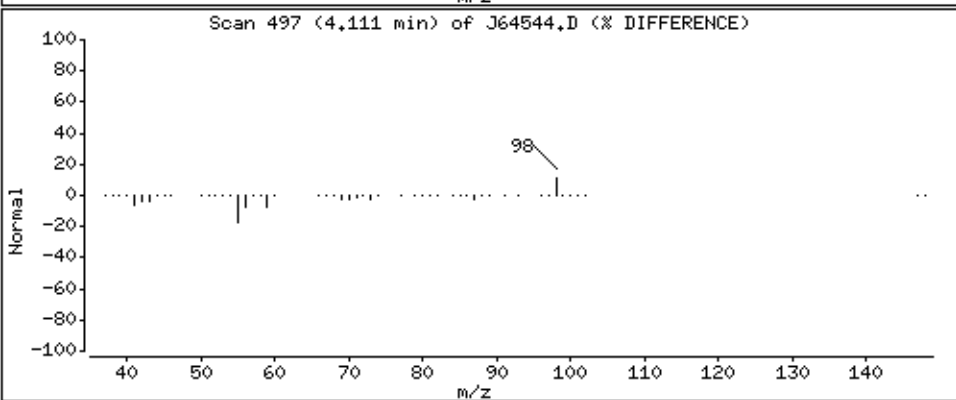
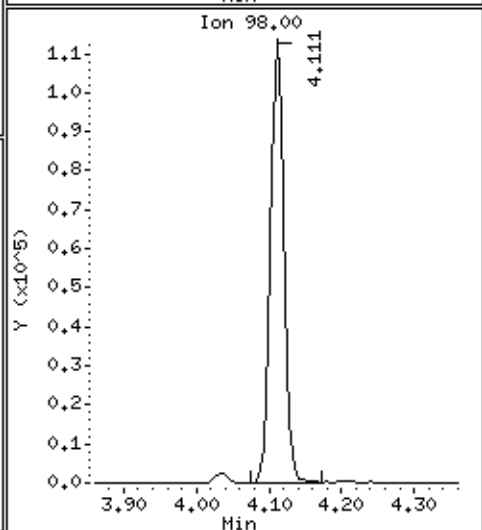
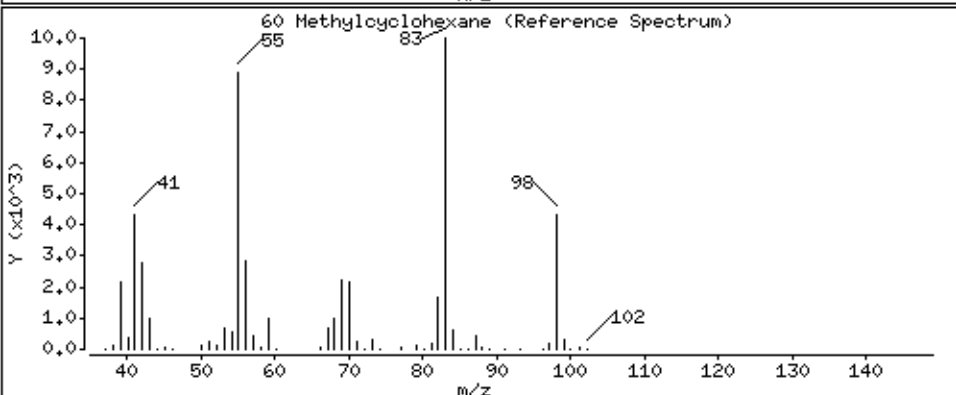
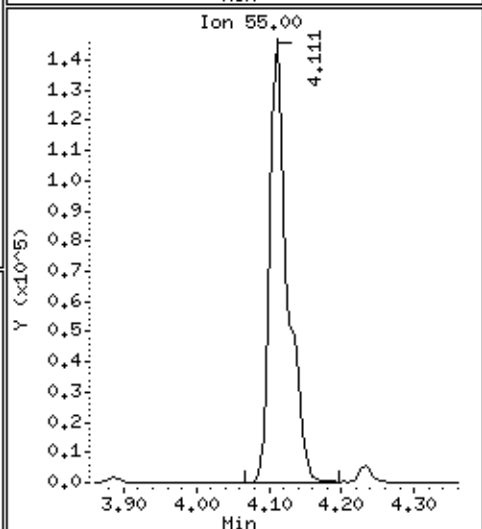
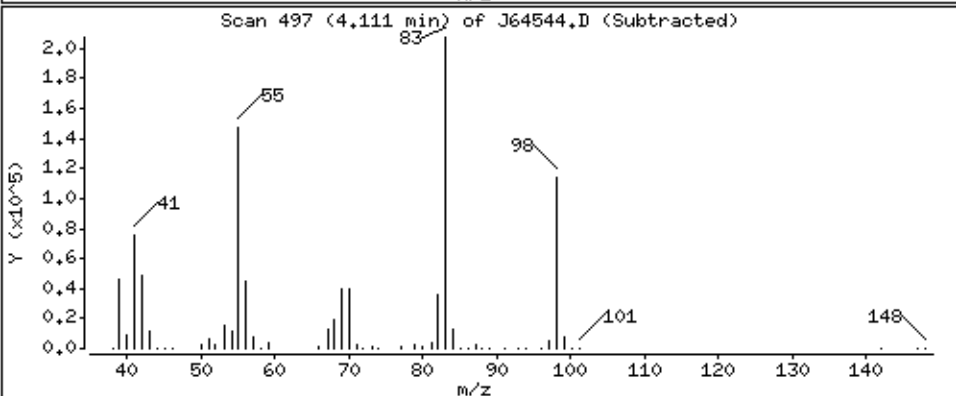
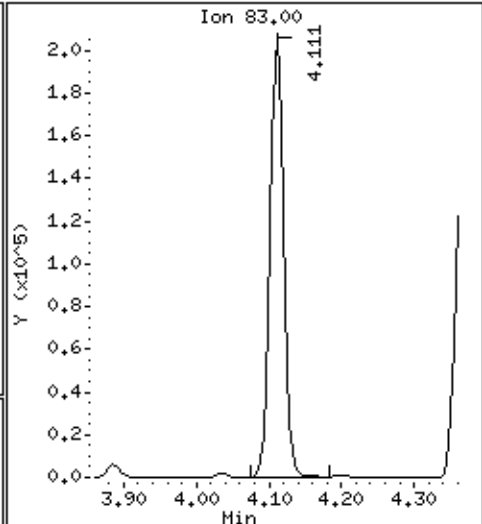
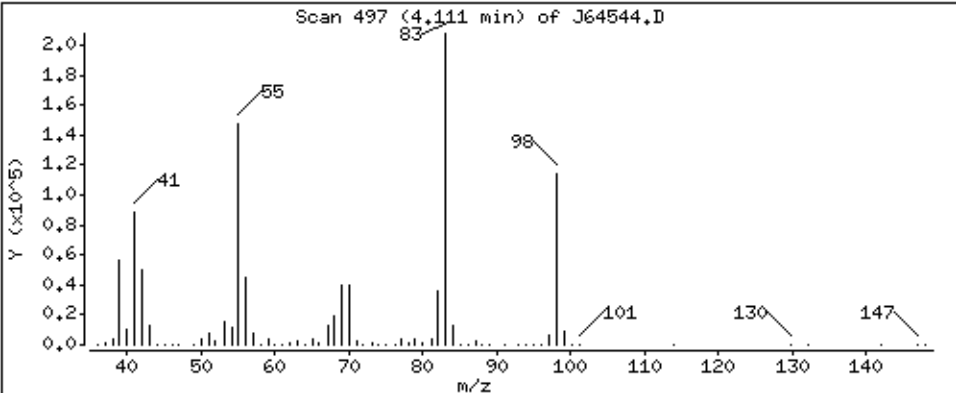


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

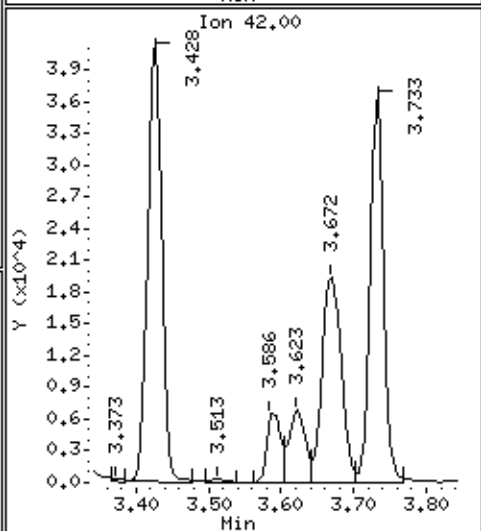
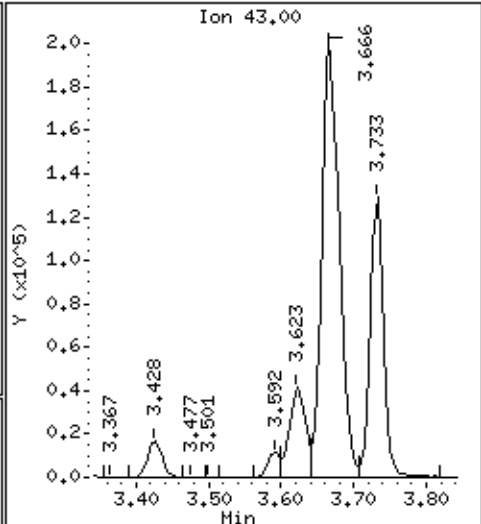
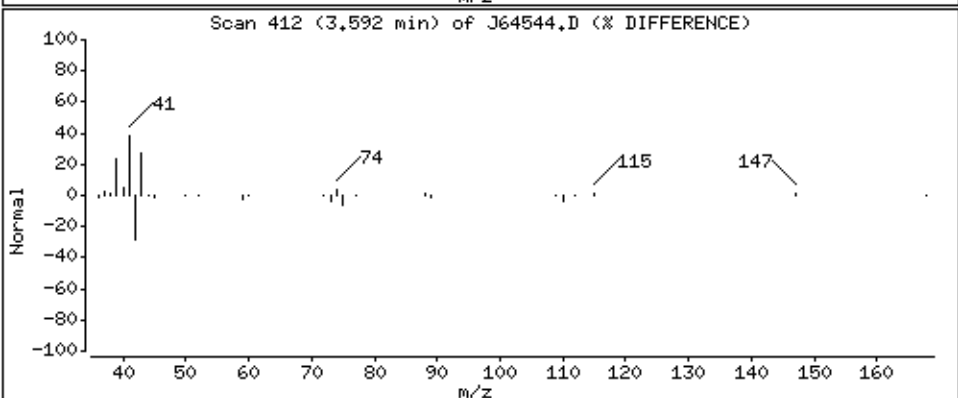
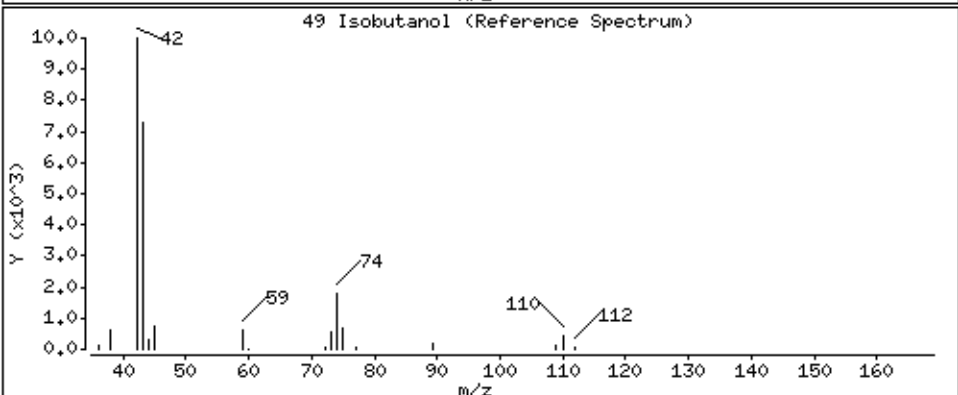
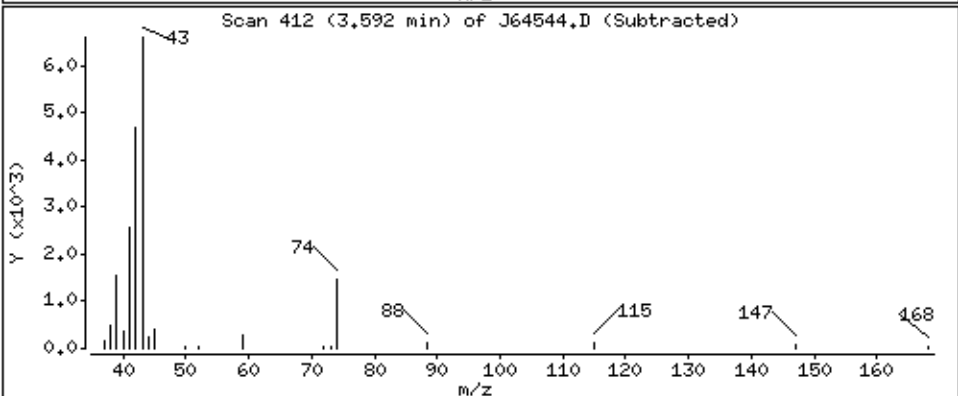
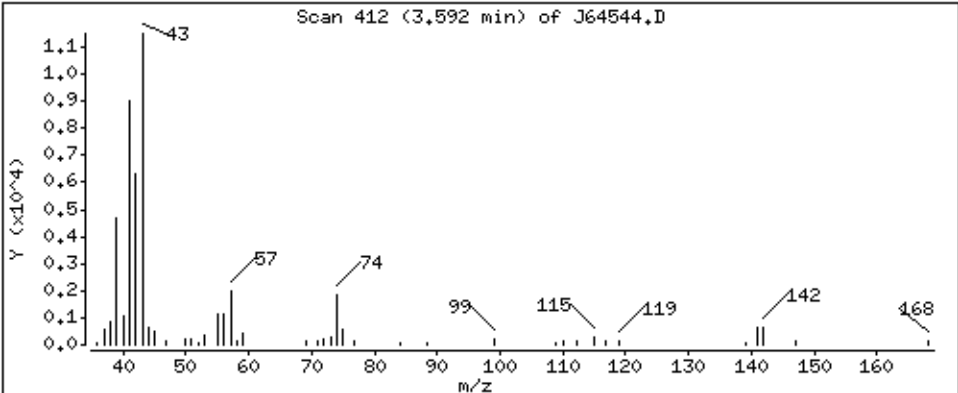
59 Trichloroethene Concentration: 50,6 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 51.2 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
60 Methylcyclohexane
Review Code:



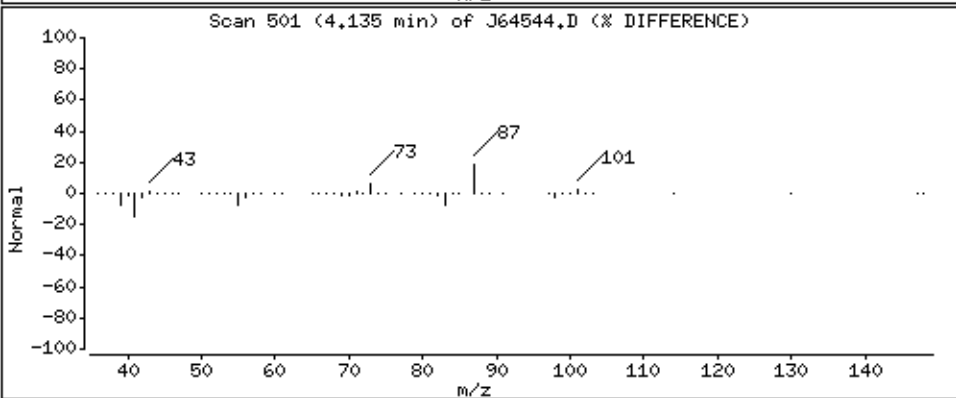
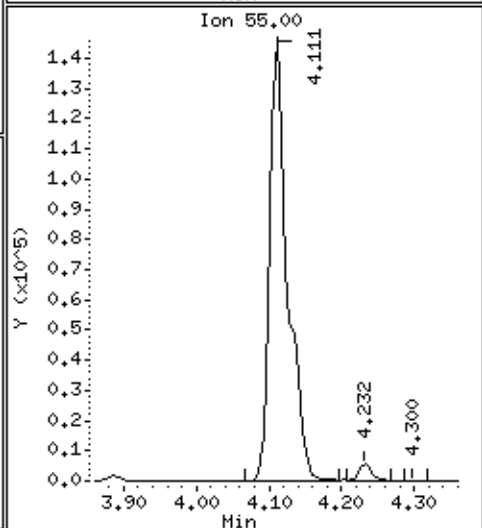
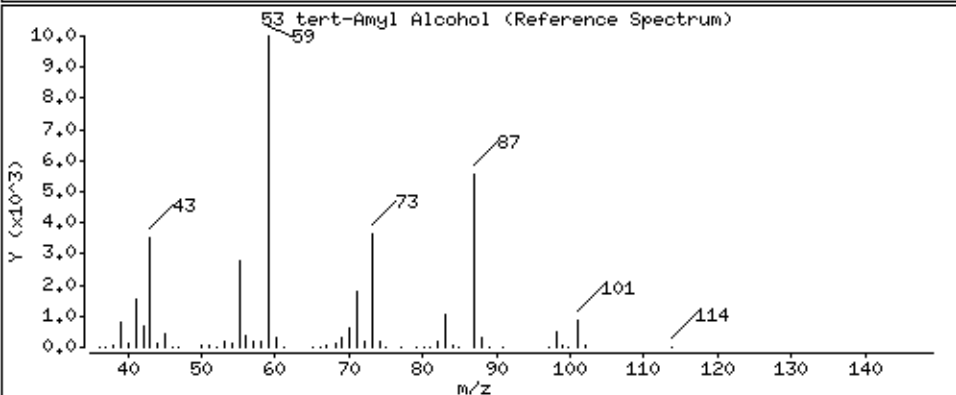
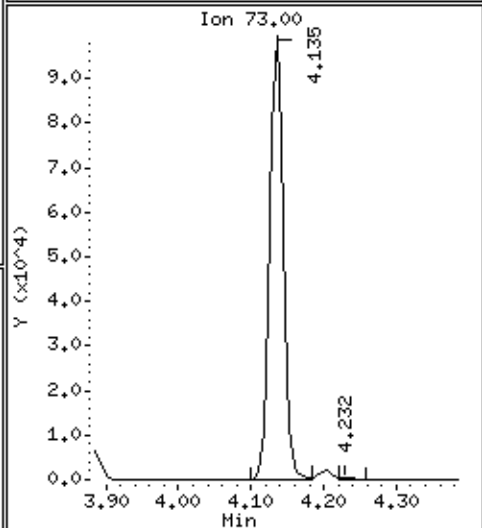
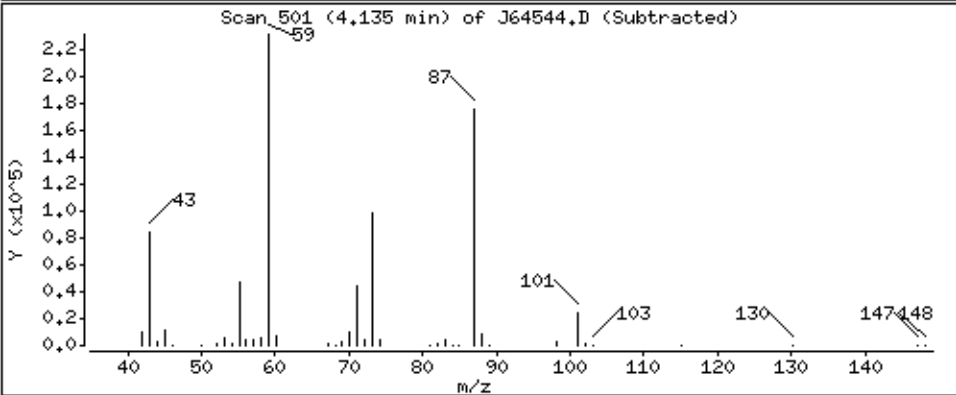
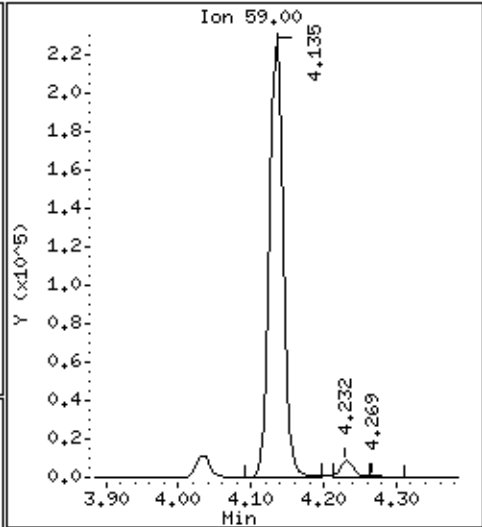
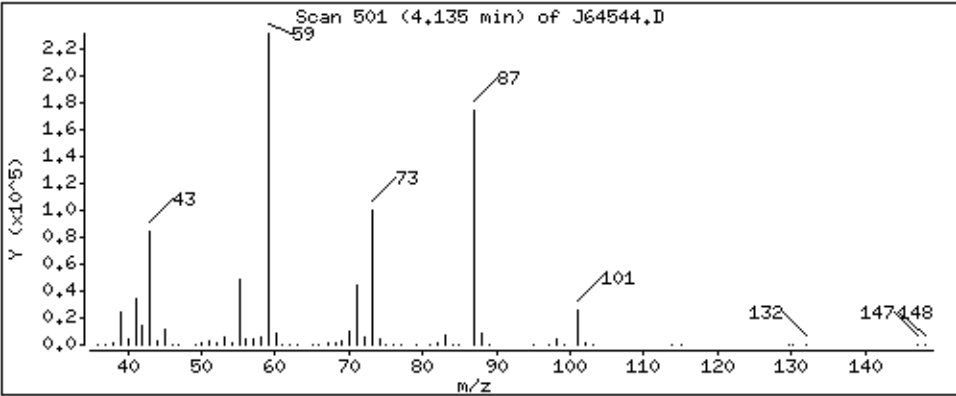
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 175 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



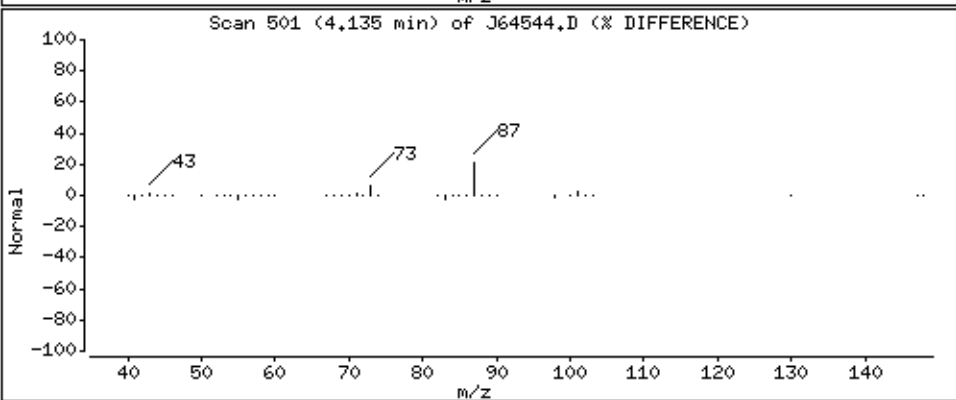
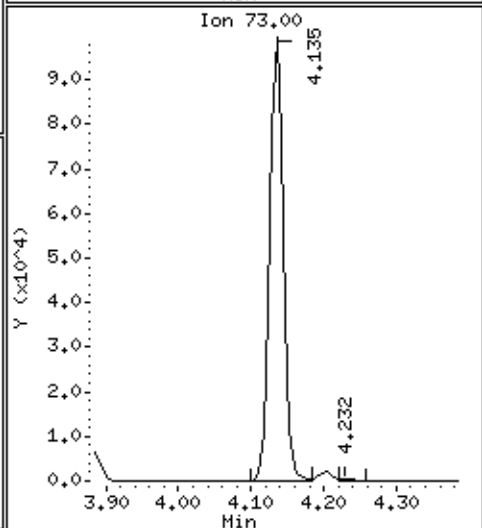
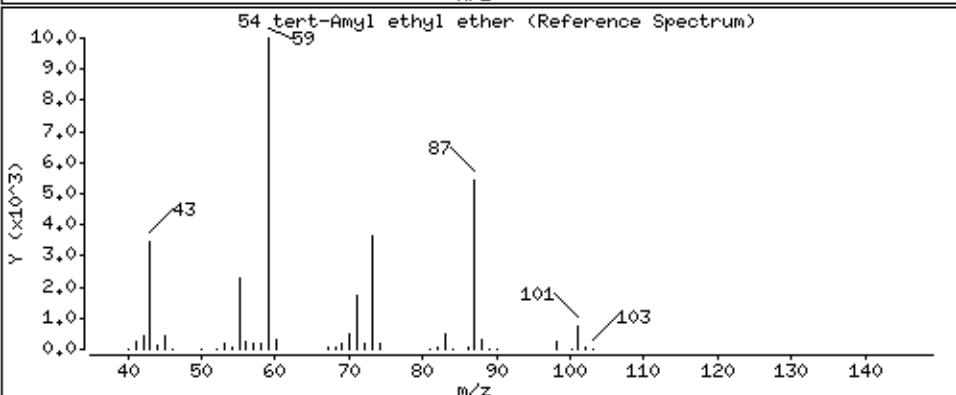
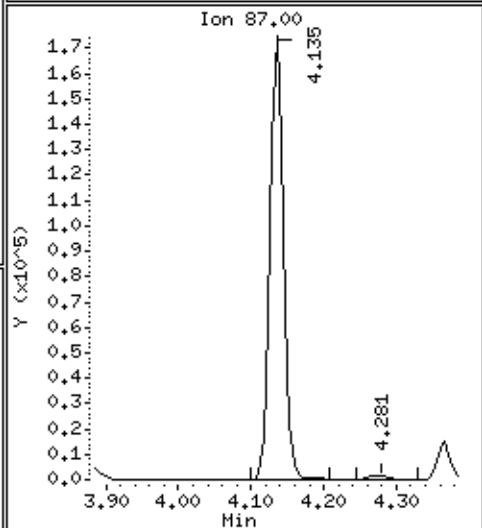
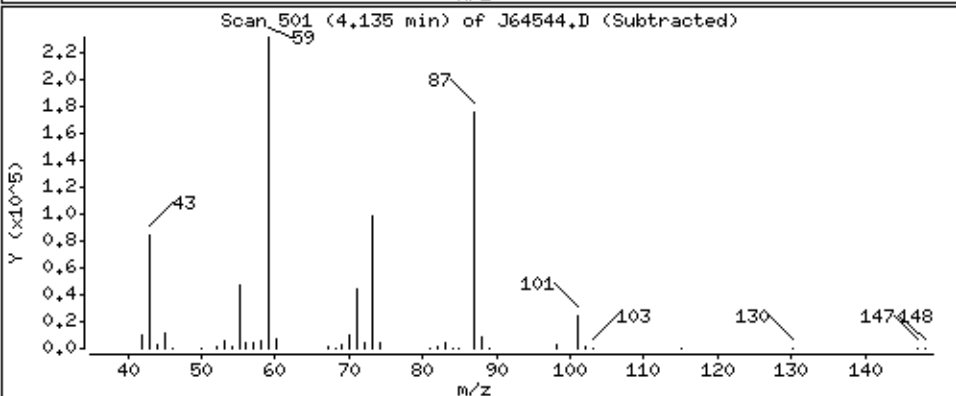
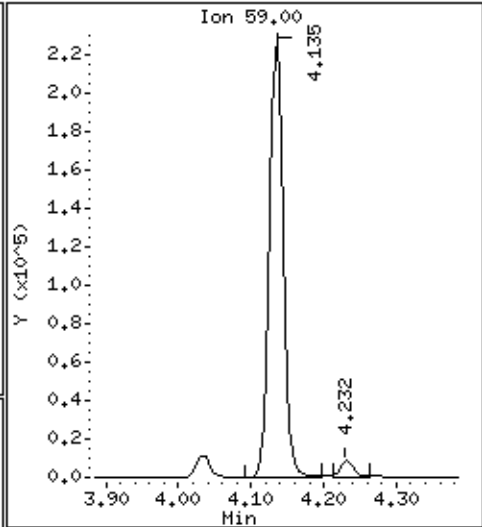
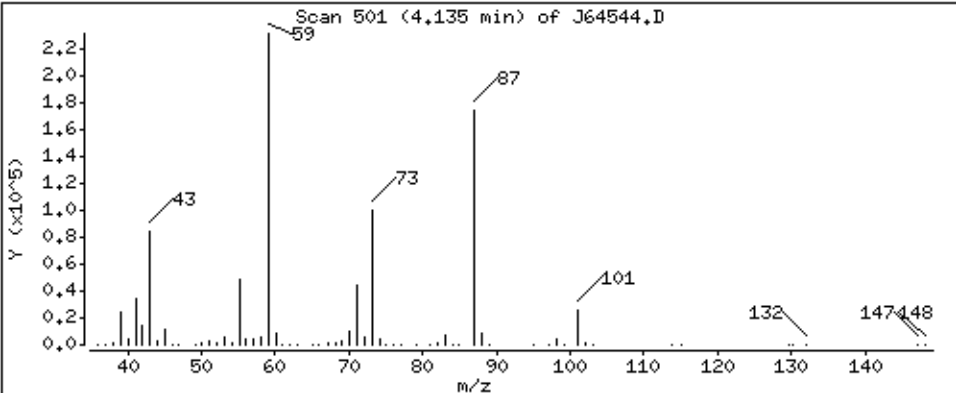
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

53 tert-Amyl Alcohol

Review Code:

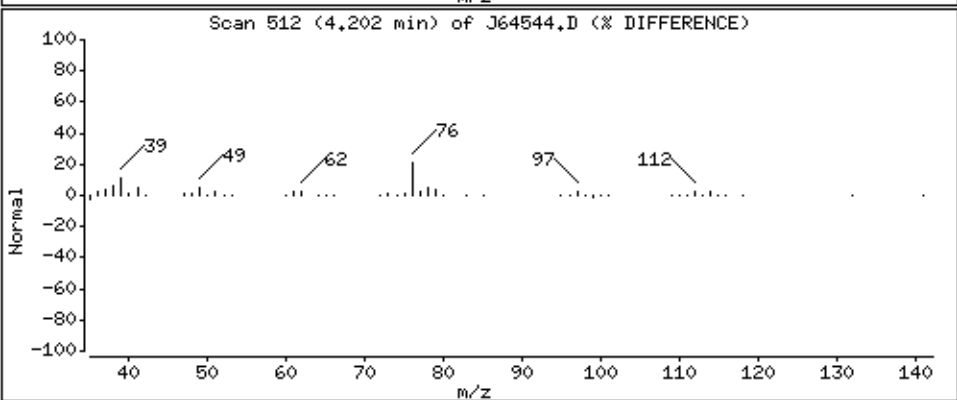
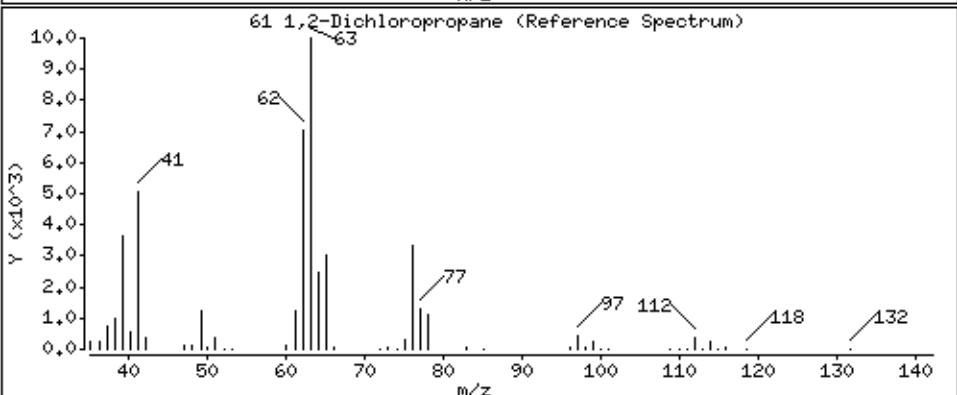
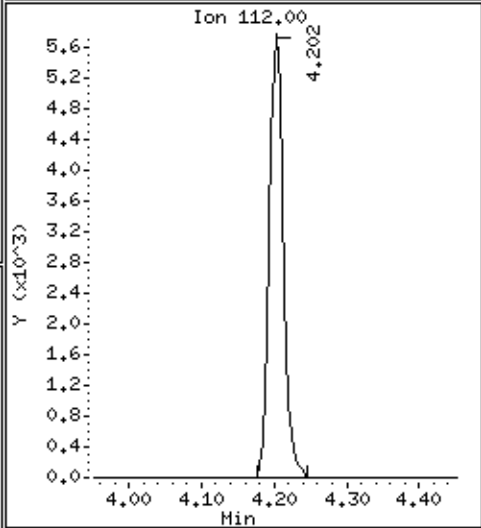
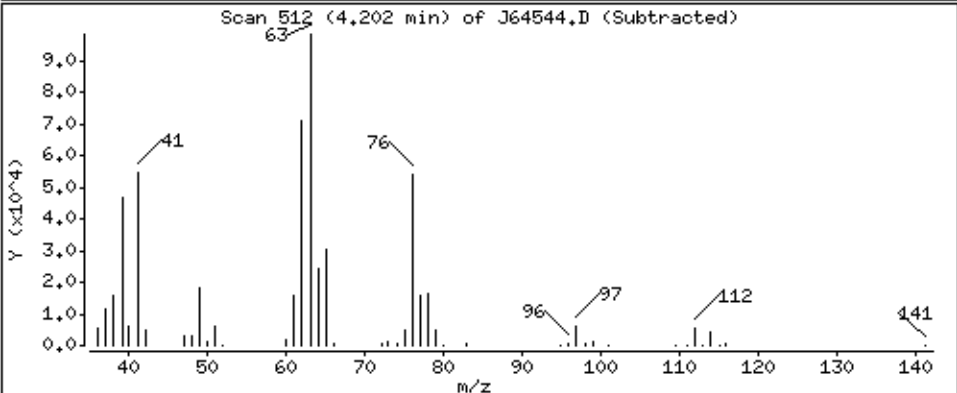
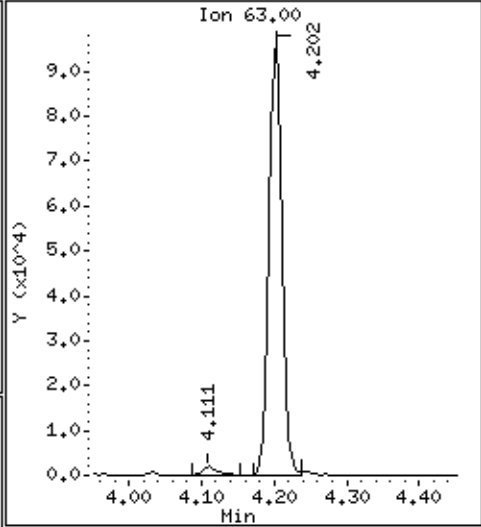
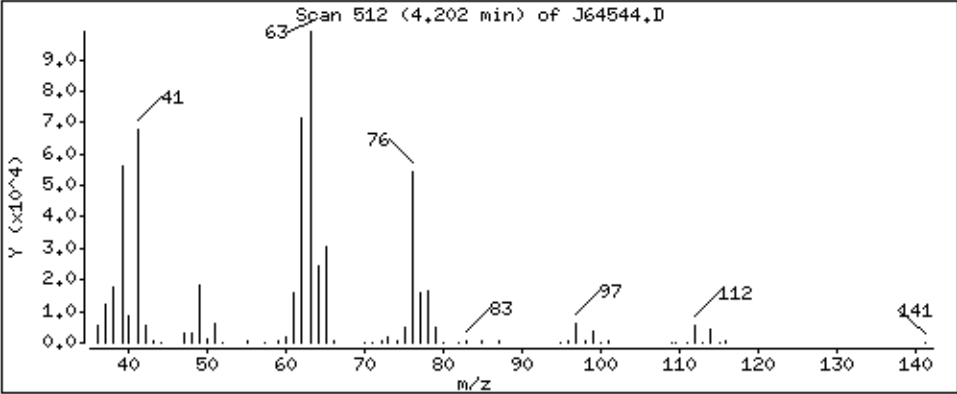


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
54 tert-Amyl ethyl ether
Concentration: 44.2 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

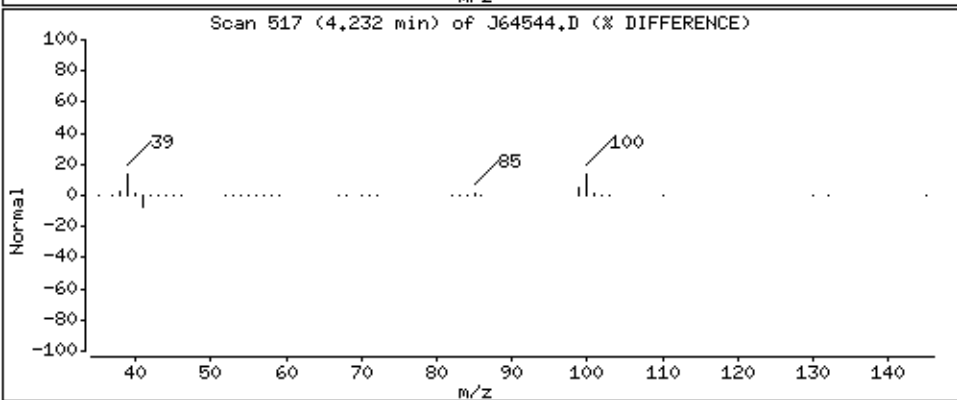
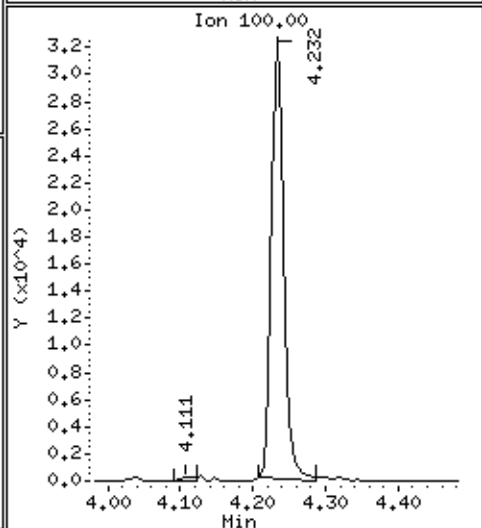
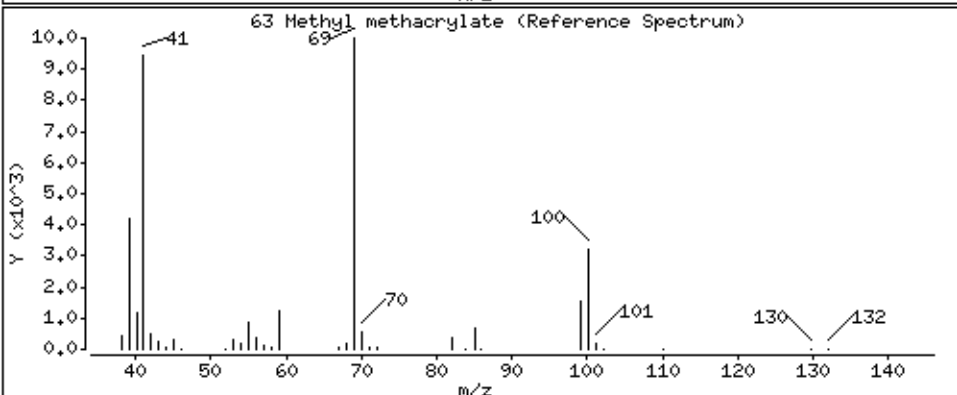
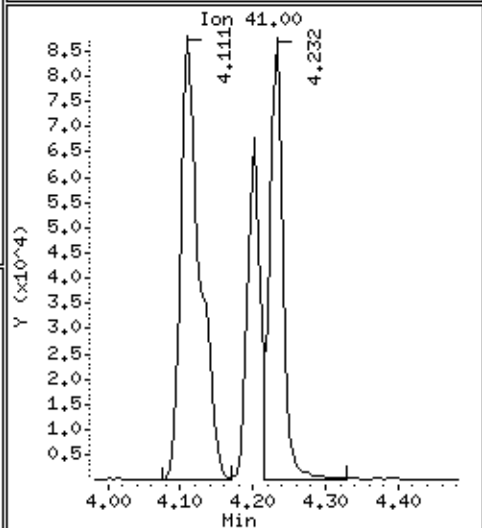
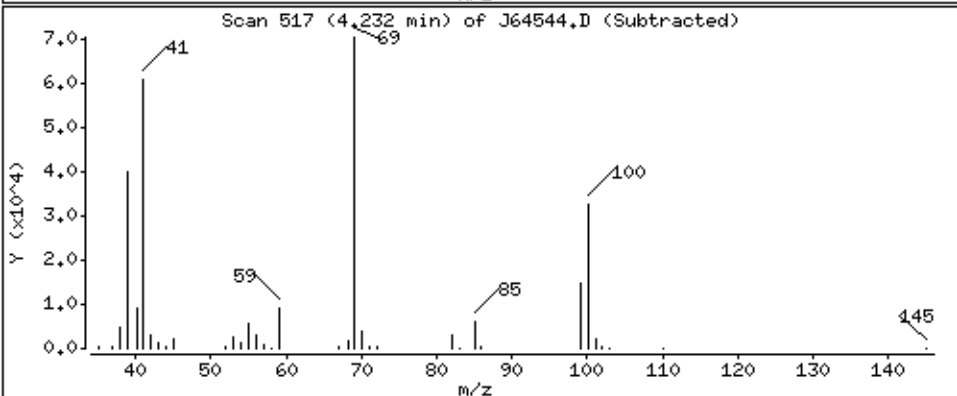
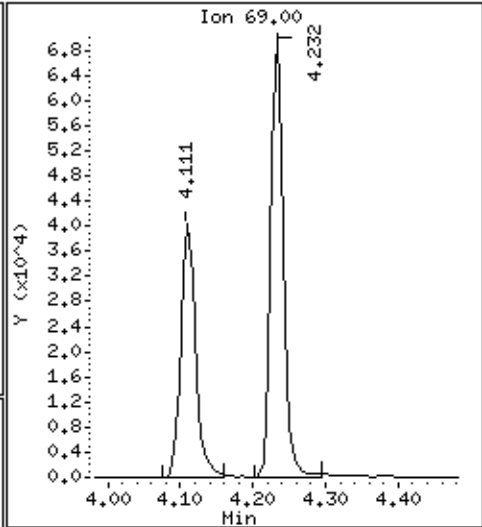
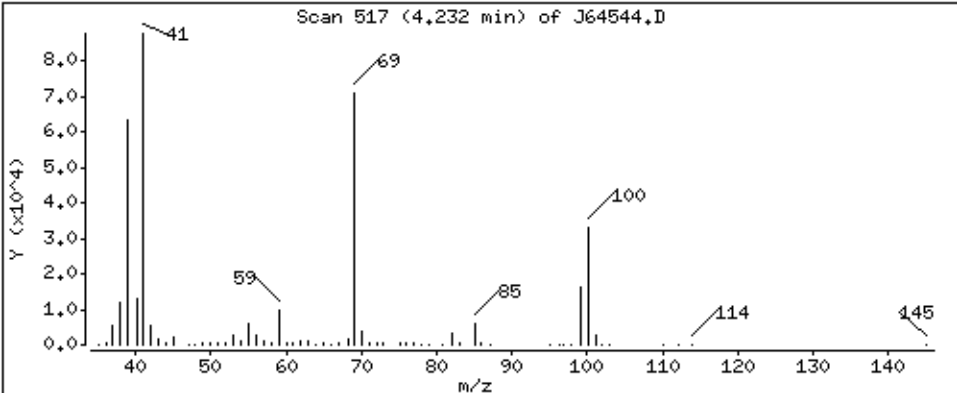


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

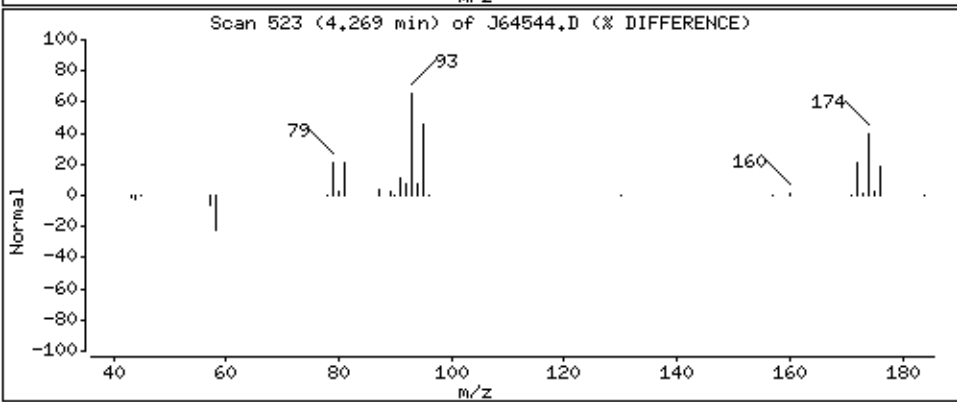
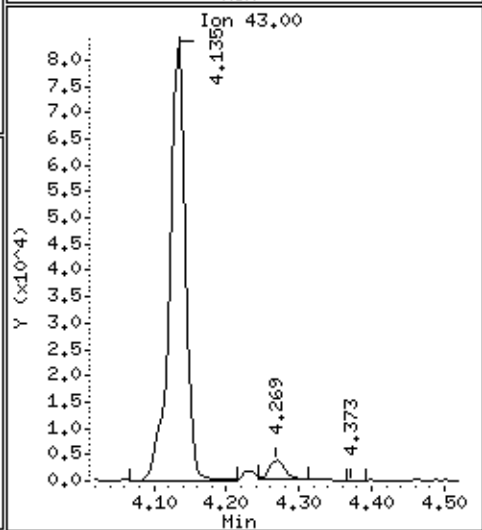
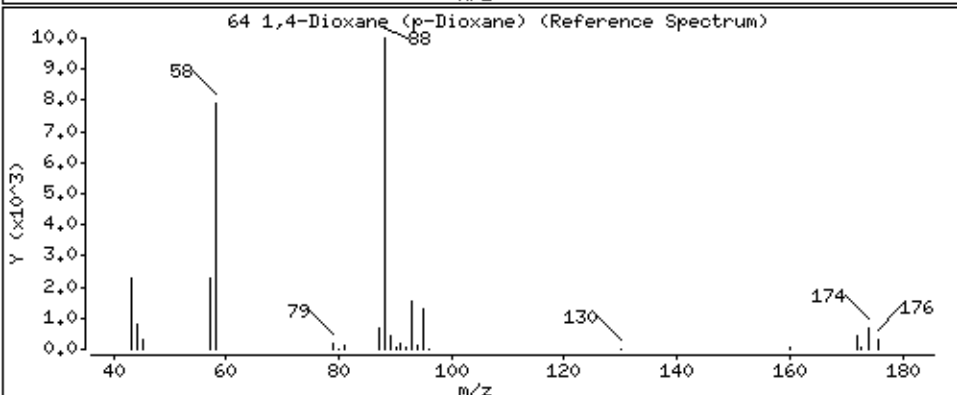
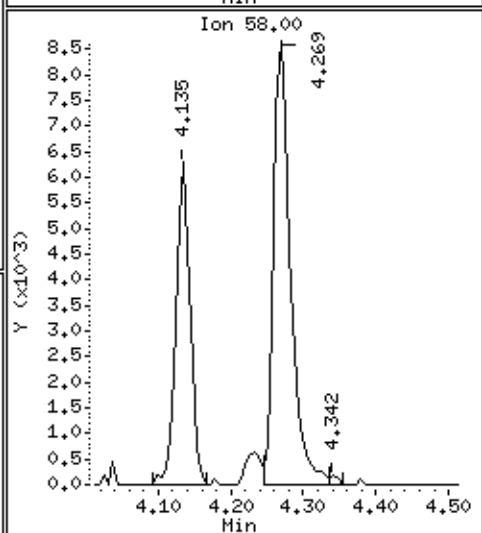
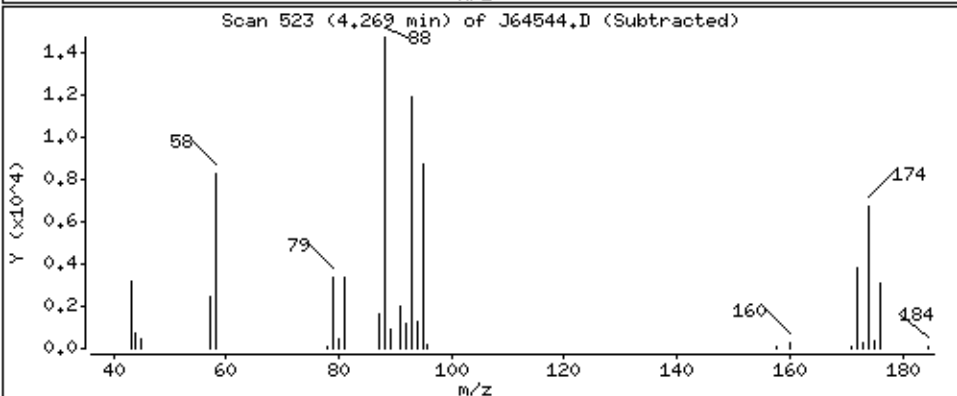
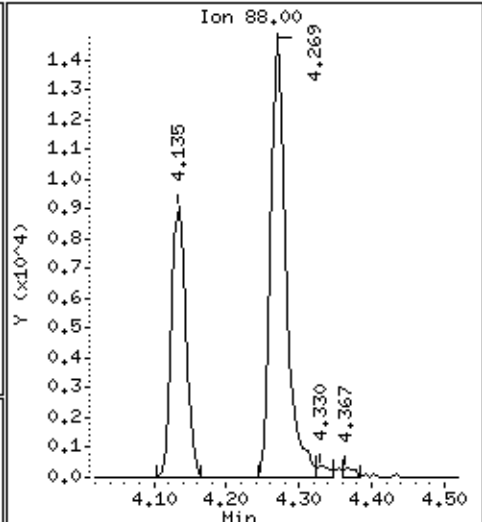
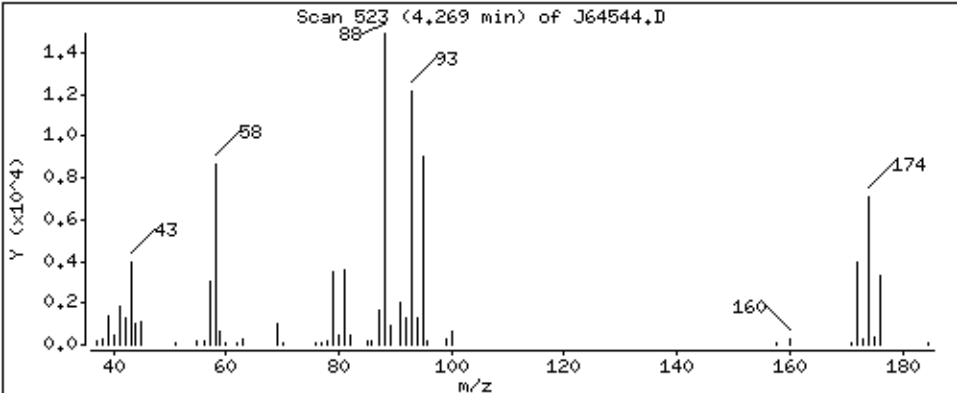
61 1,2-Dichloropropane Concentration: 44.0 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 45.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

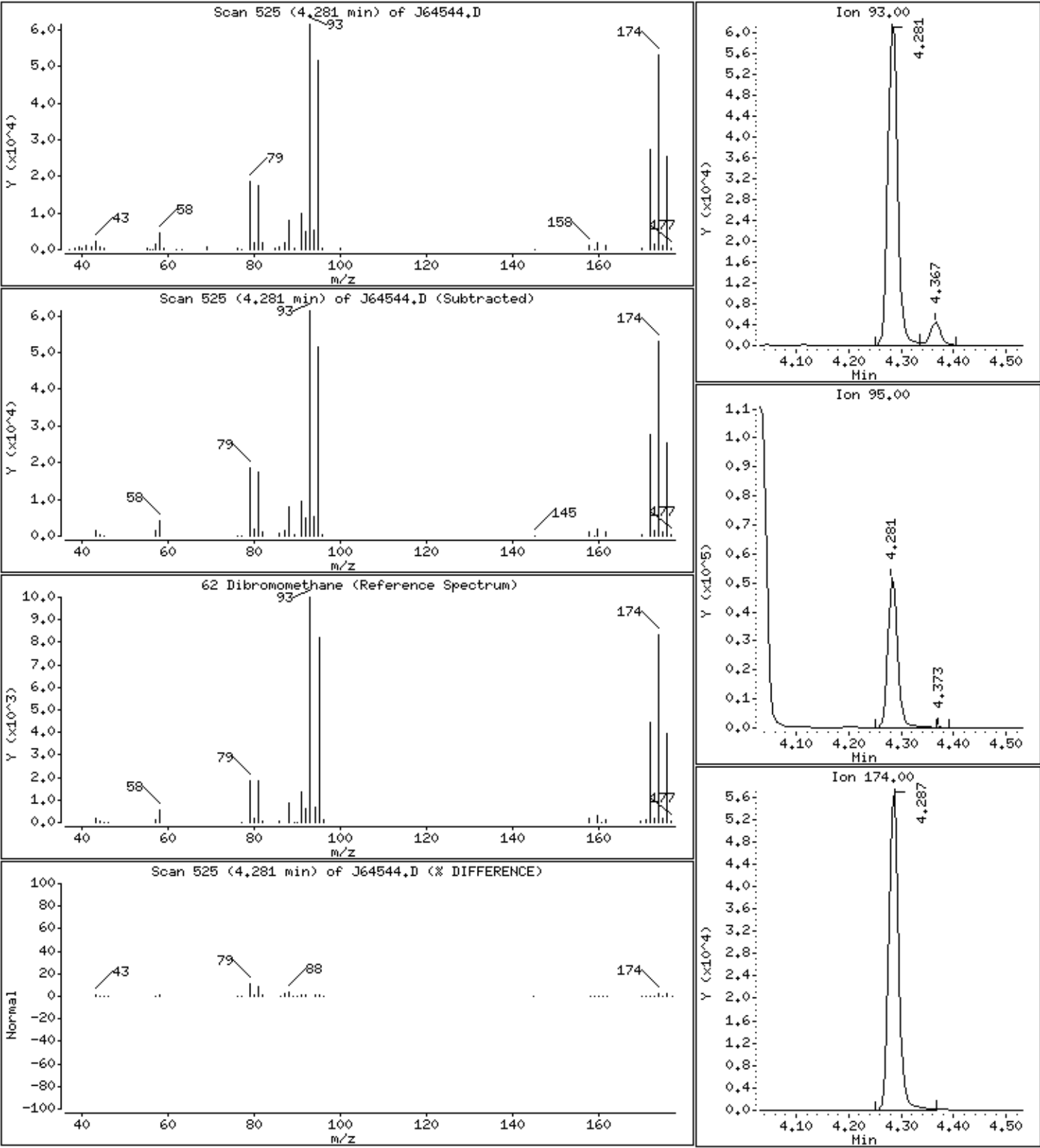


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 1600 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



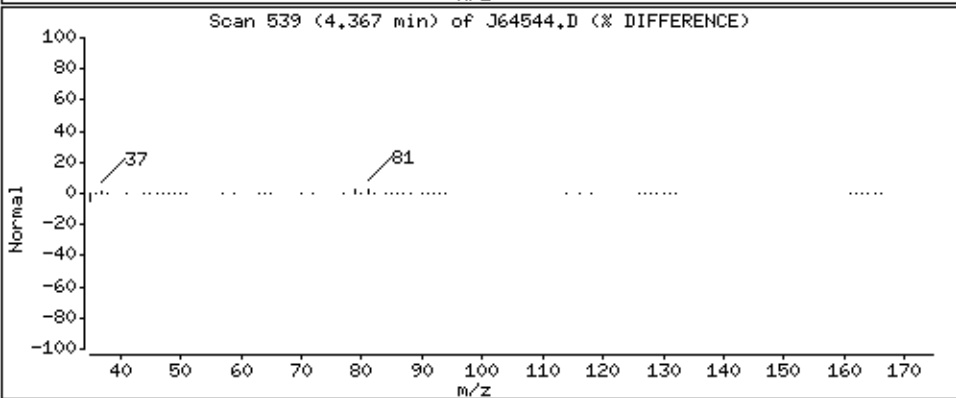
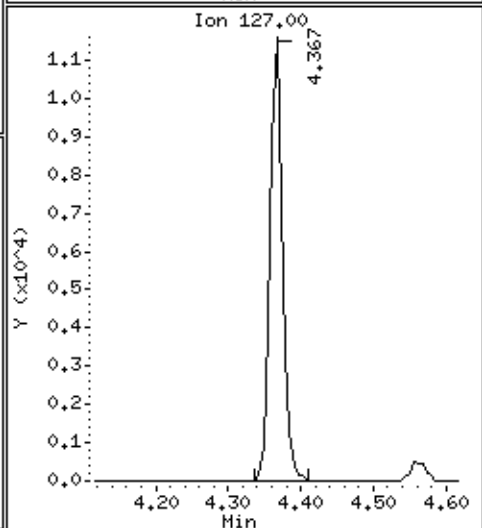
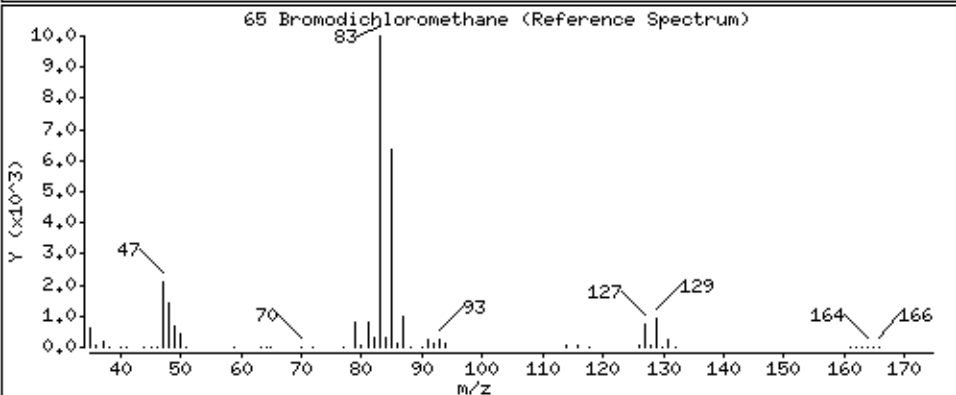
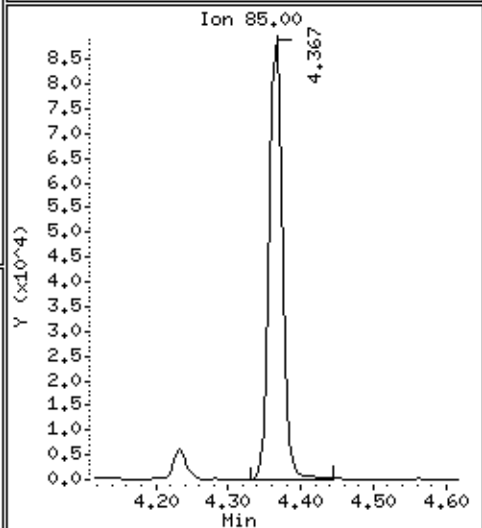
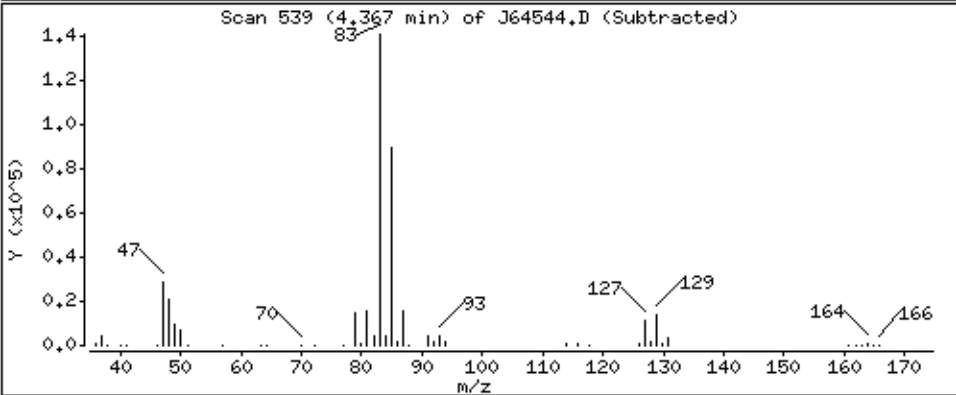
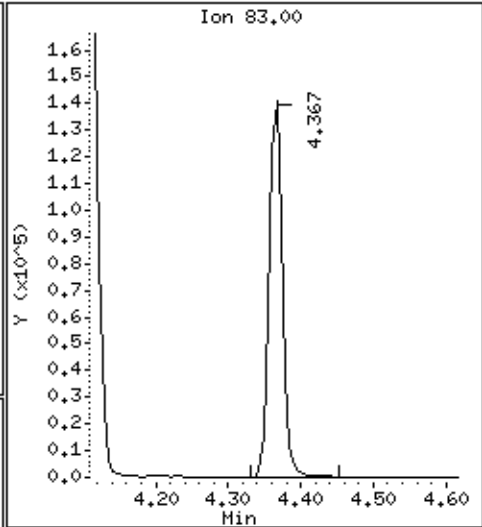
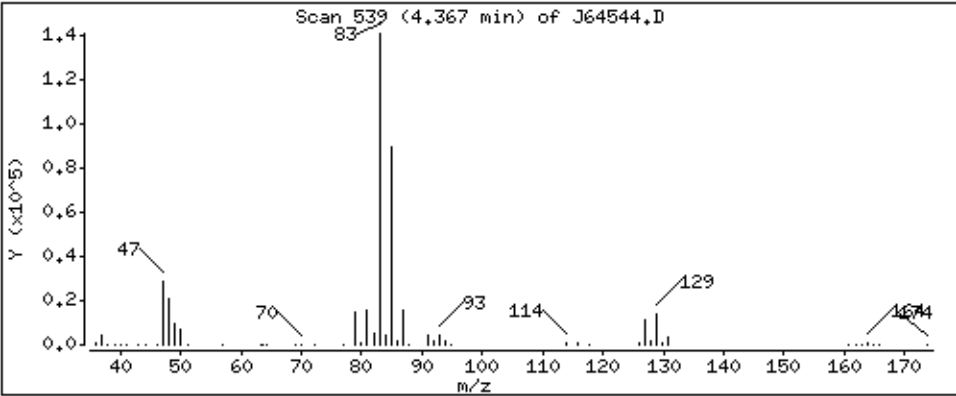
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

62 Dibromomethane
Concentration: 53,2 ug/L
Review Code:



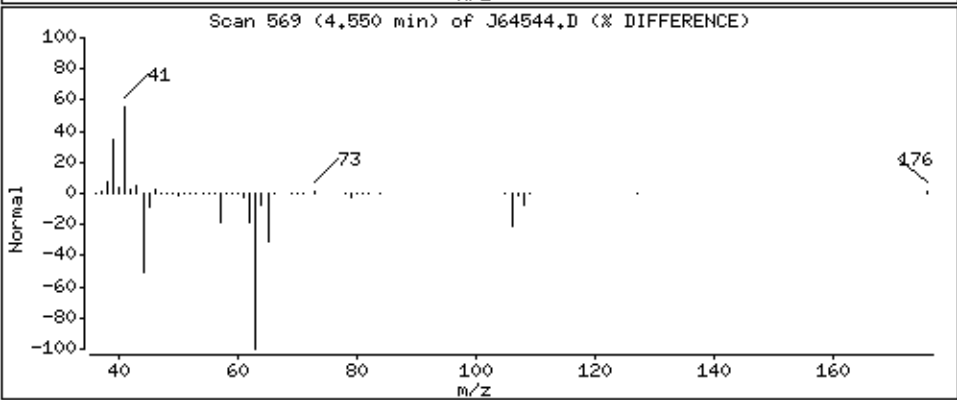
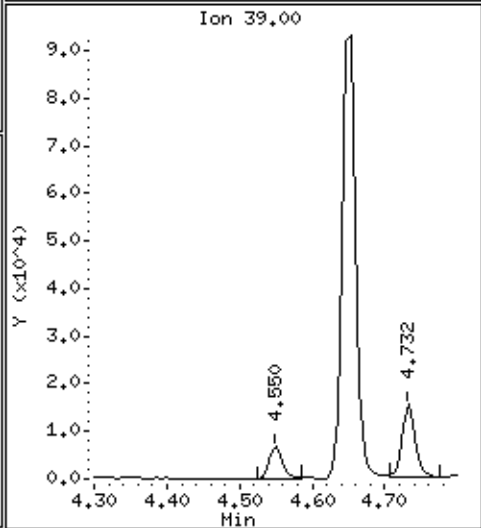
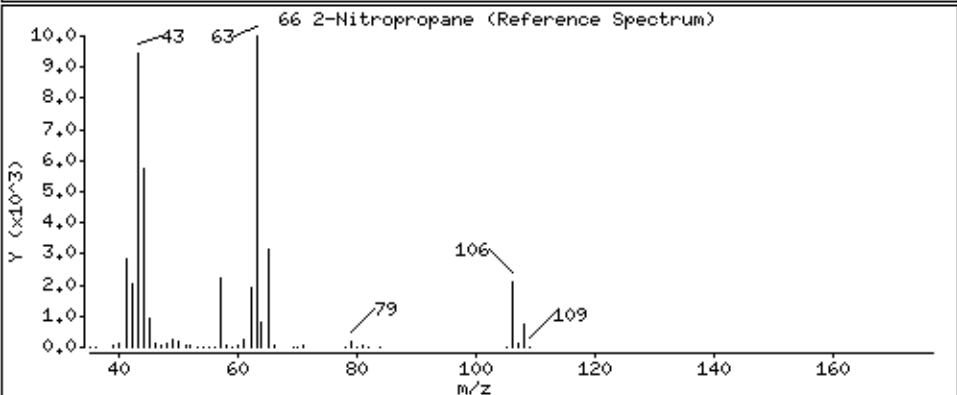
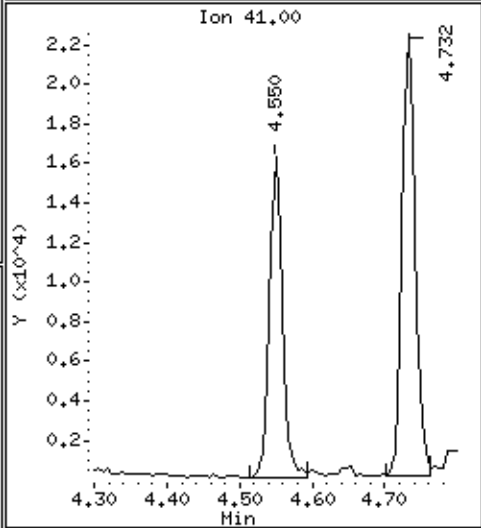
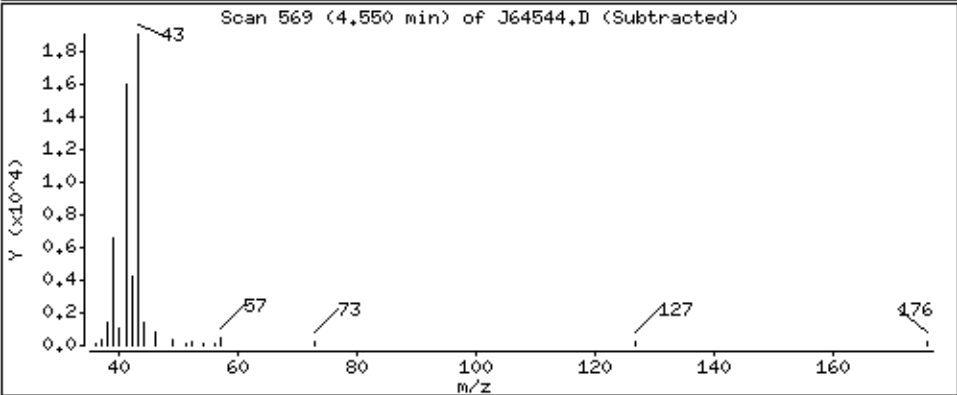
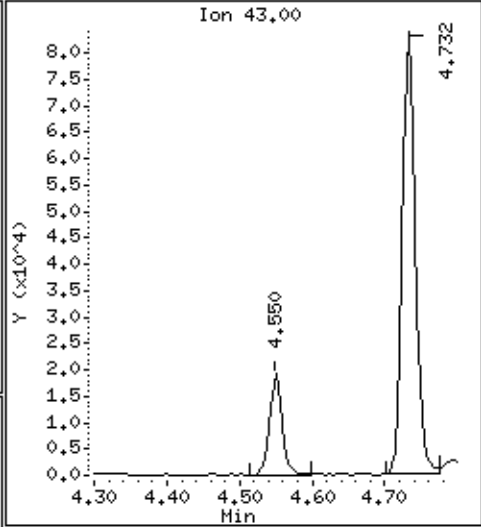
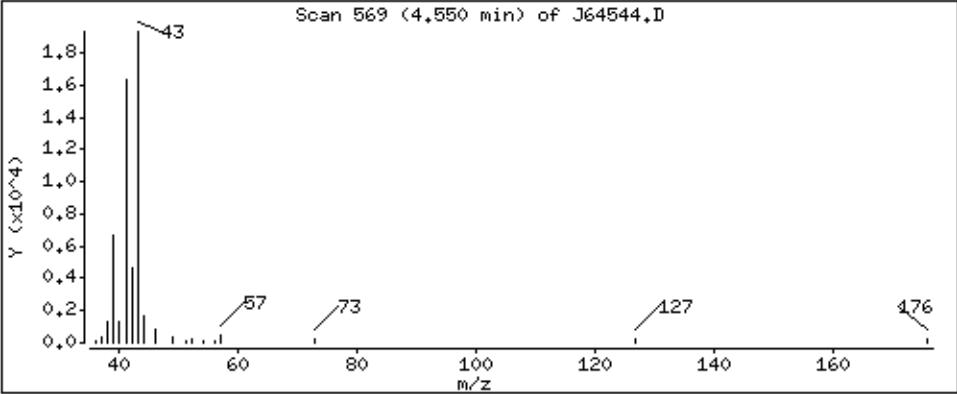
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

65 Bromodichloromethane
Concentration: 49,1 ug/L
Review Code:

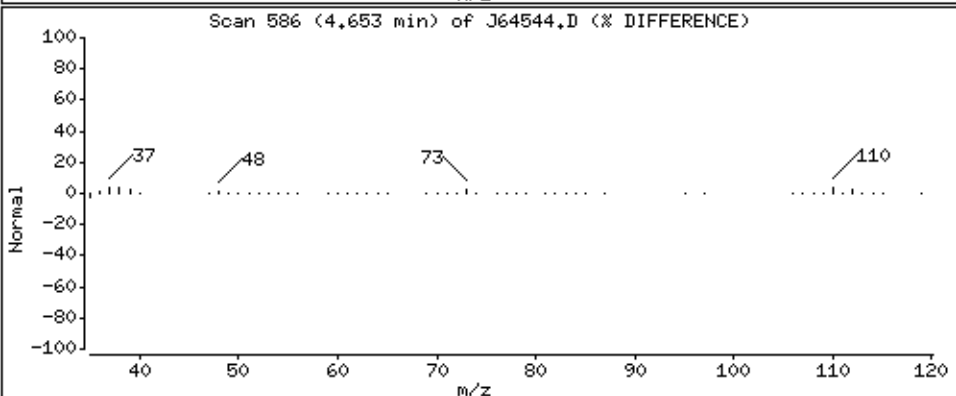
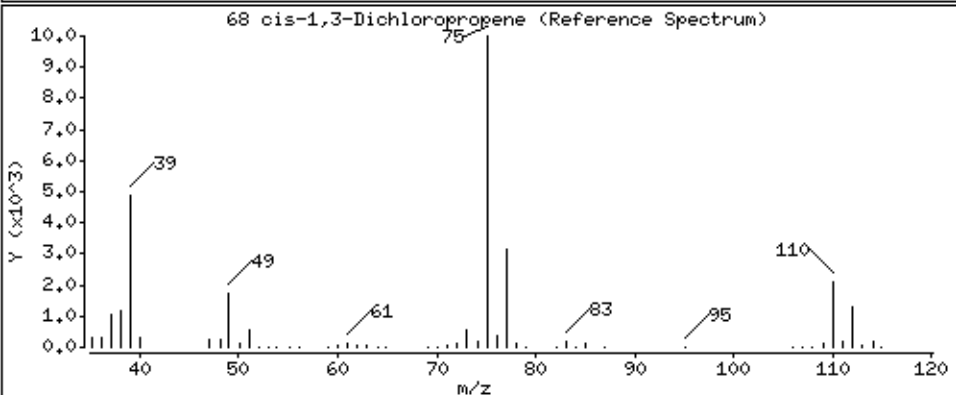
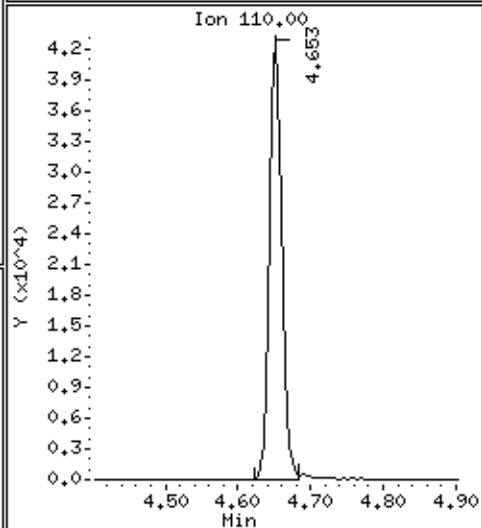
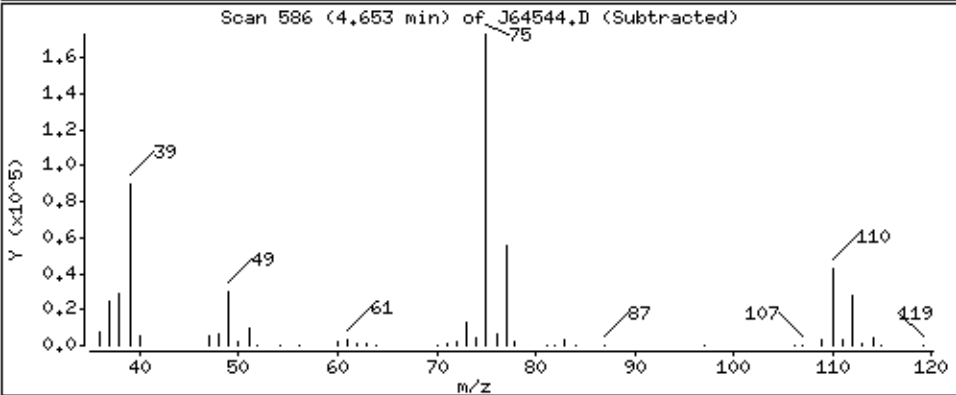
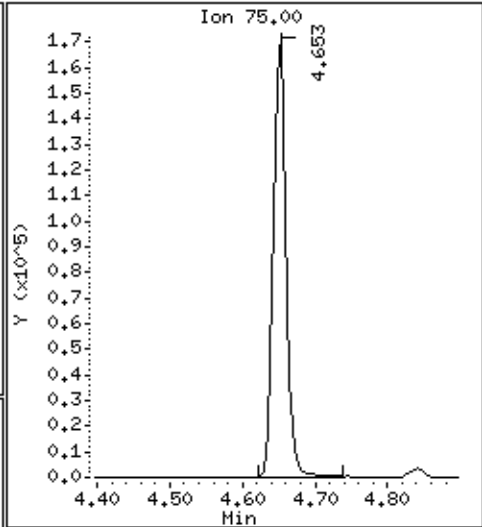
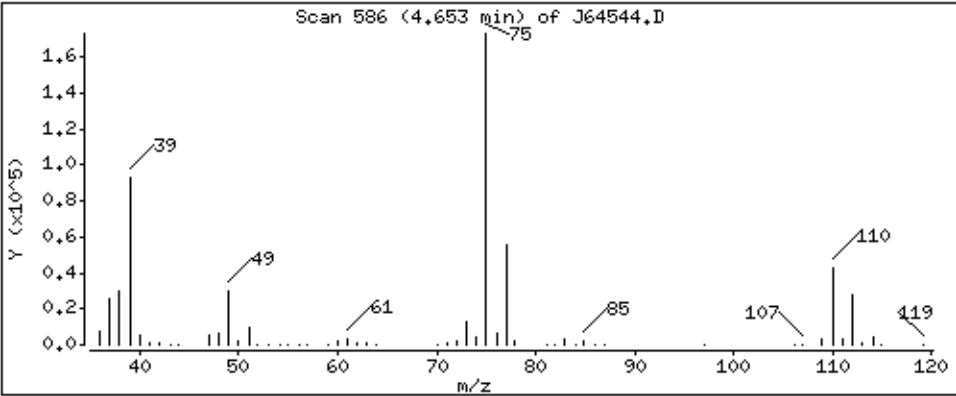


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

66 2-Nitropropane Concentration: 17,1 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
68 cis-1,3-Dichloropropene
Concentration: 46.8 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624

Instrument: 70msv6.i

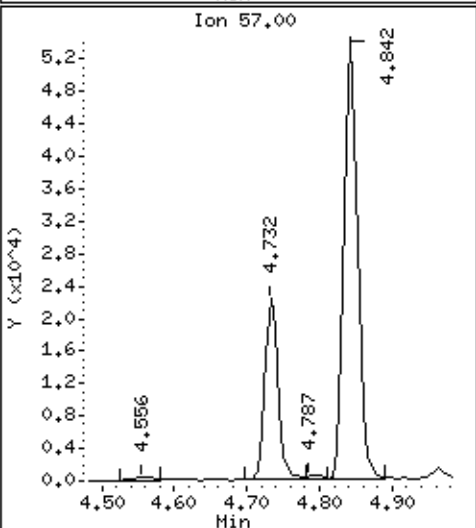
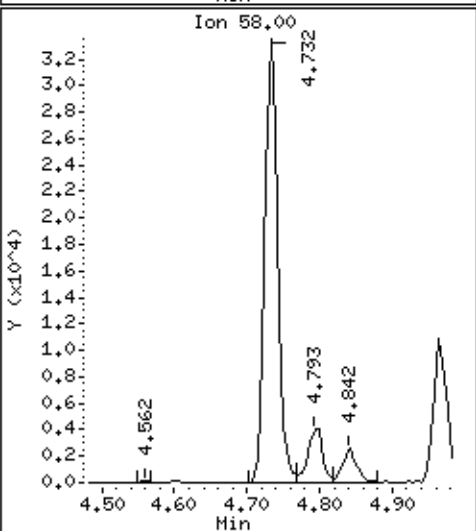
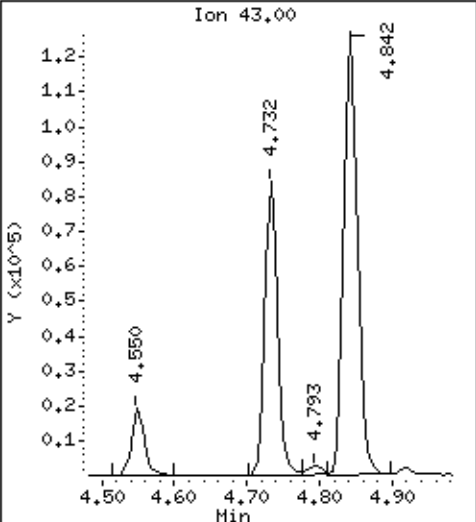
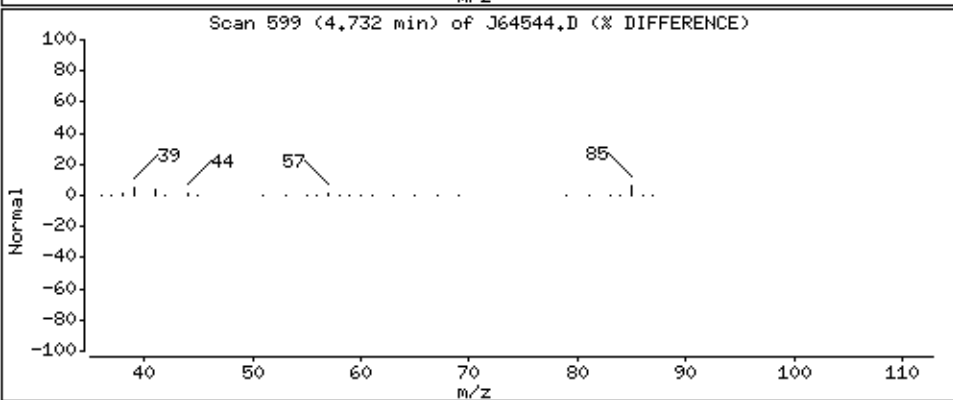
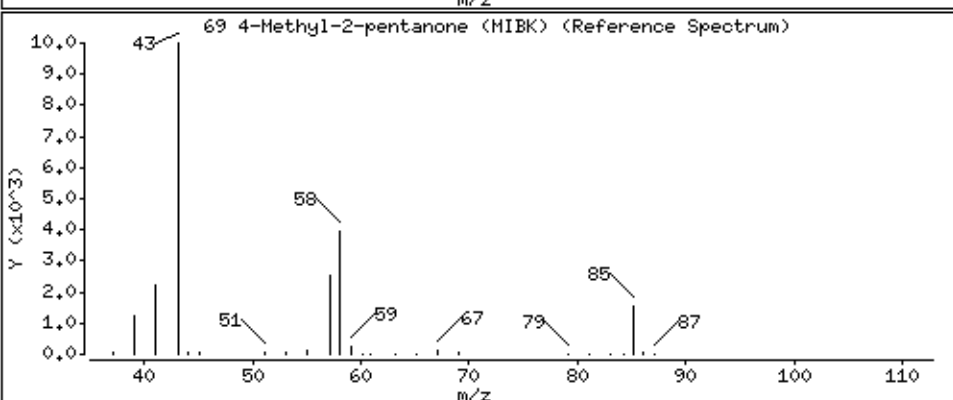
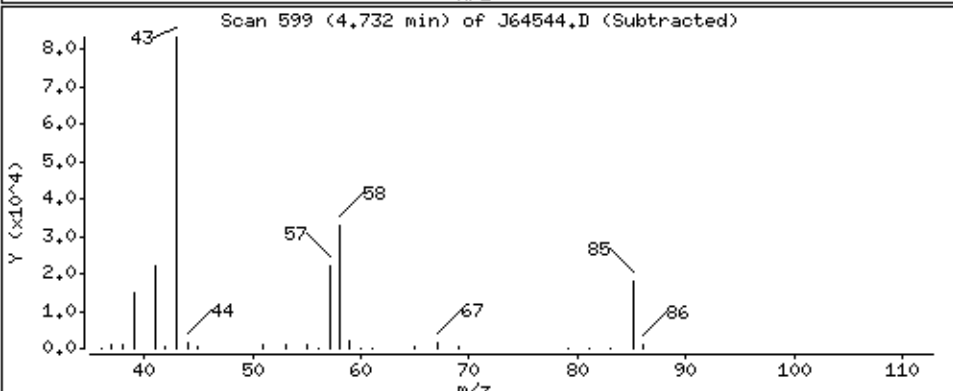
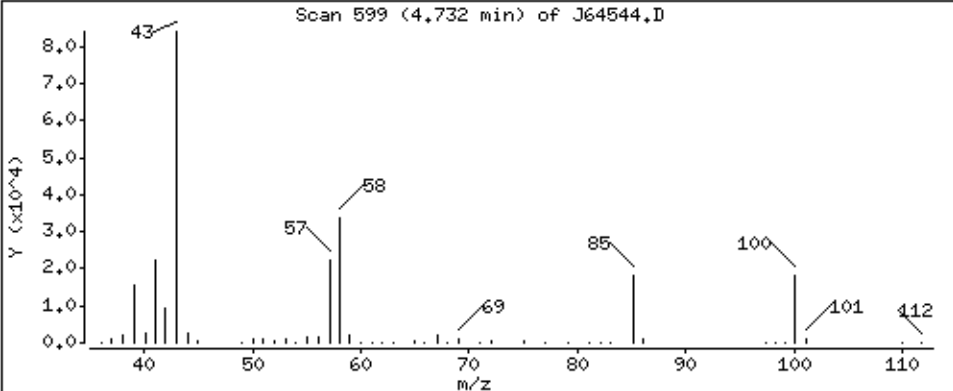
Operator: BBL

Column diameter: 0.18

69 4-Methyl-2-pentanone (MIBK)

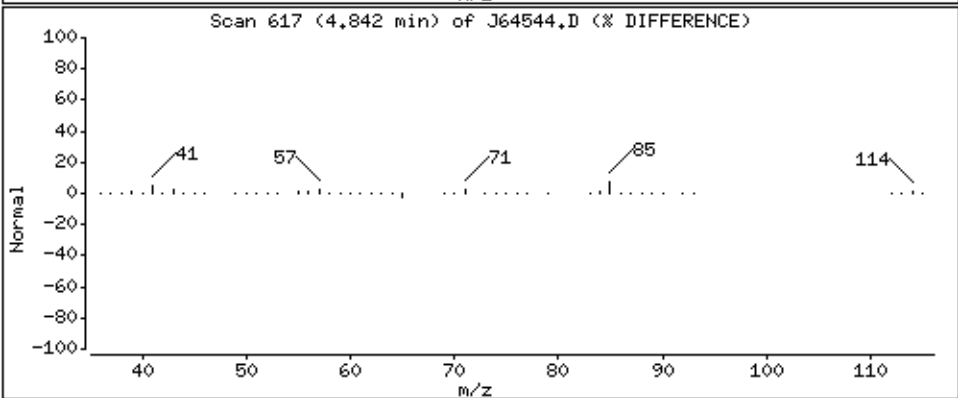
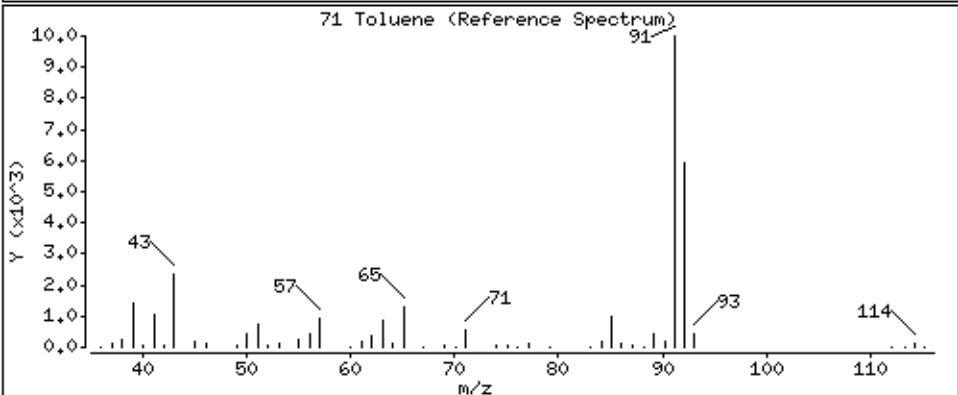
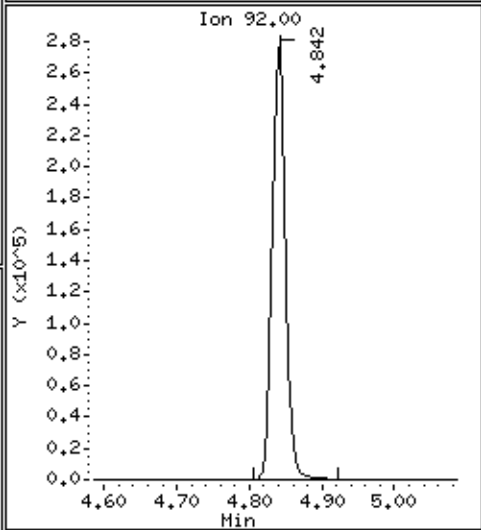
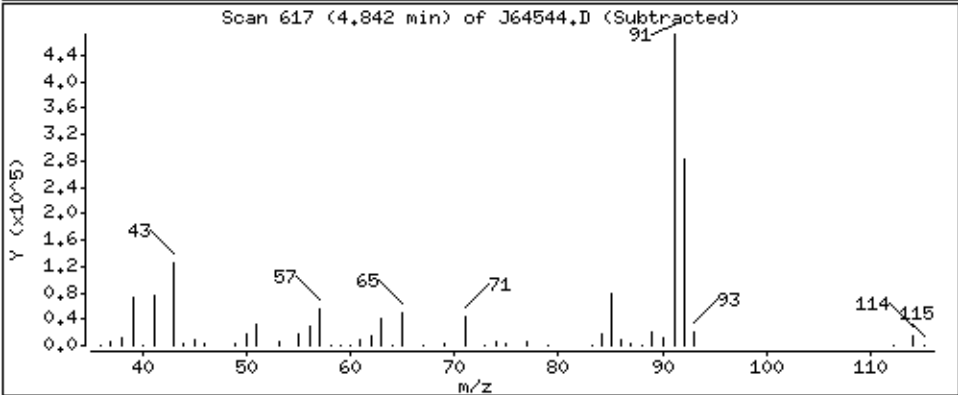
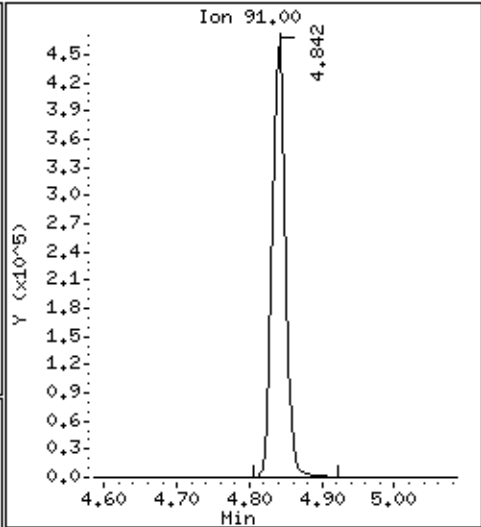
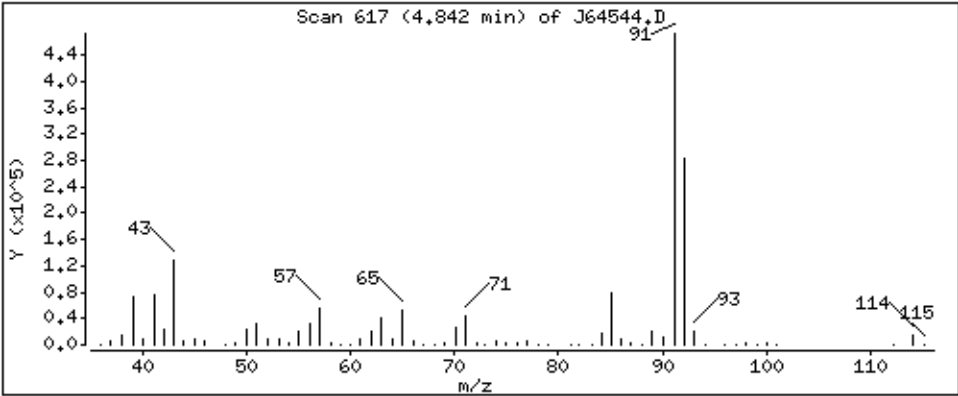
Concentration: 39.3 ug/L

Review Code:

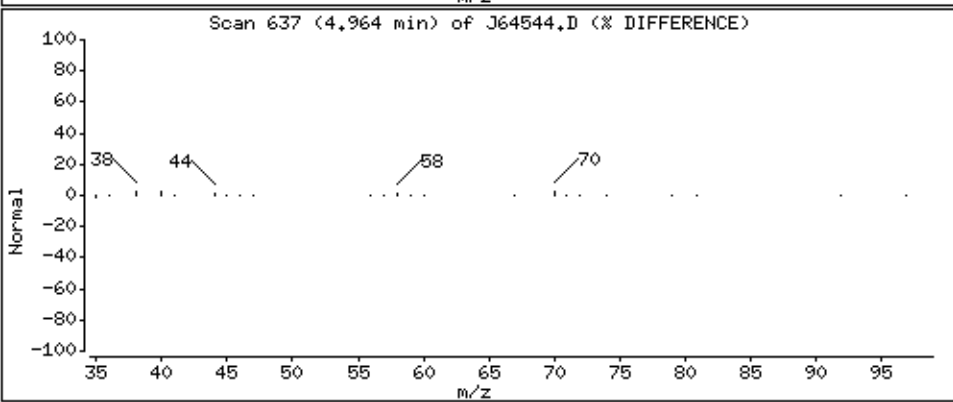
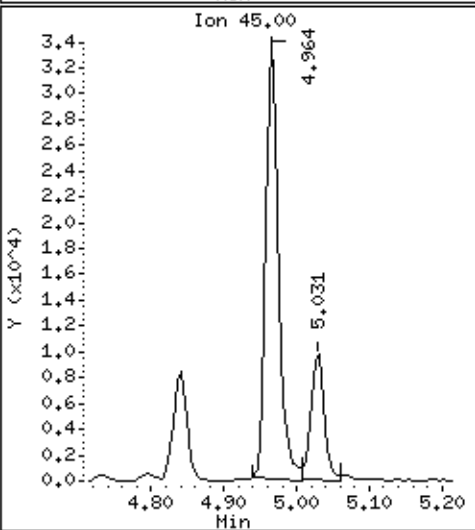
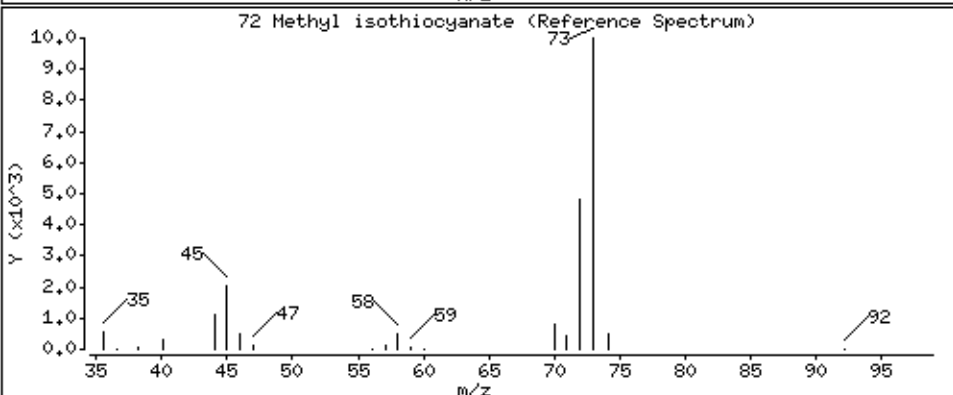
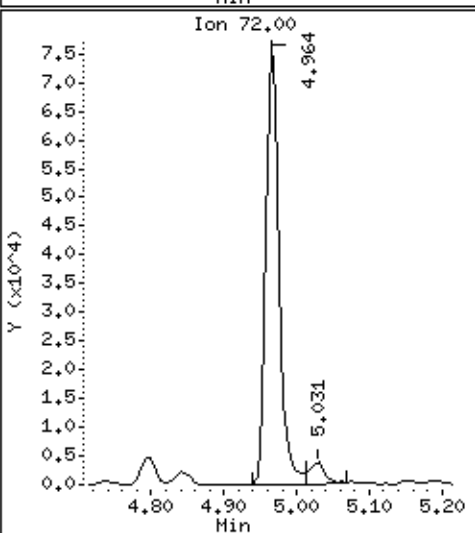
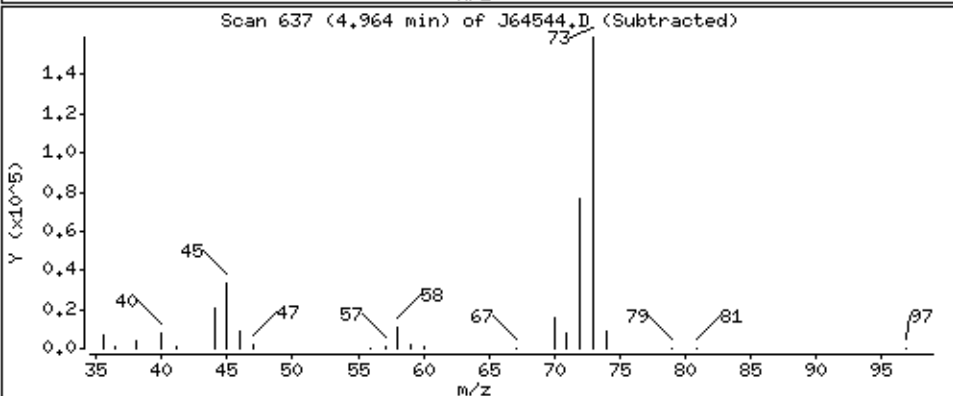
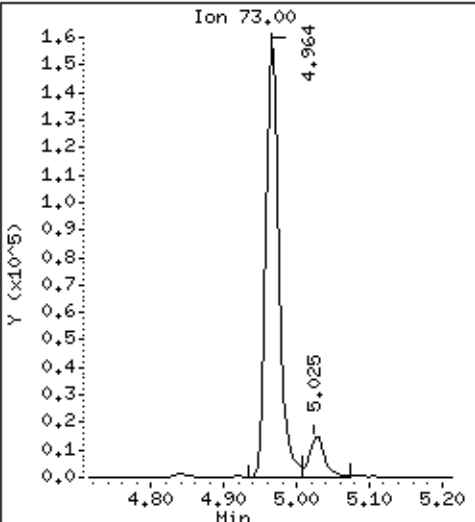
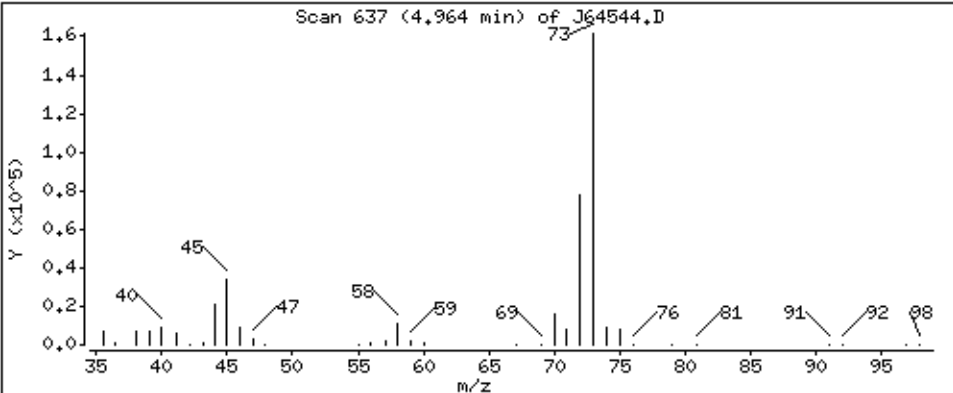


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

71 Toluene
Concentration: 50.9 ug/L
Review Code:

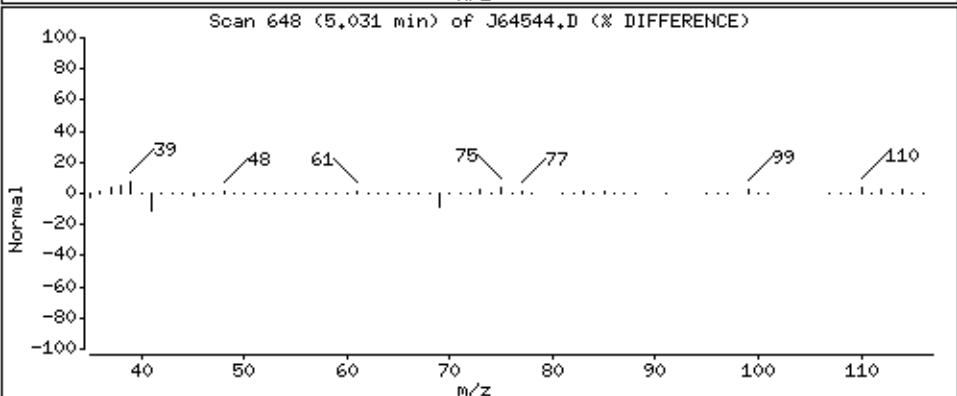
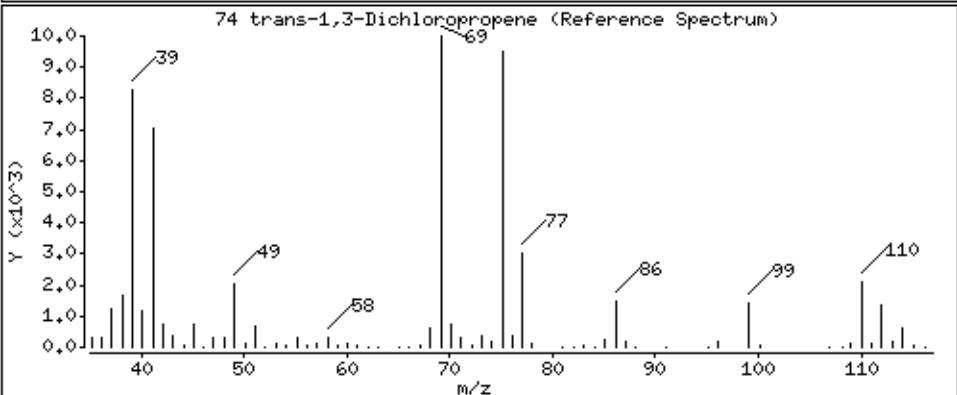
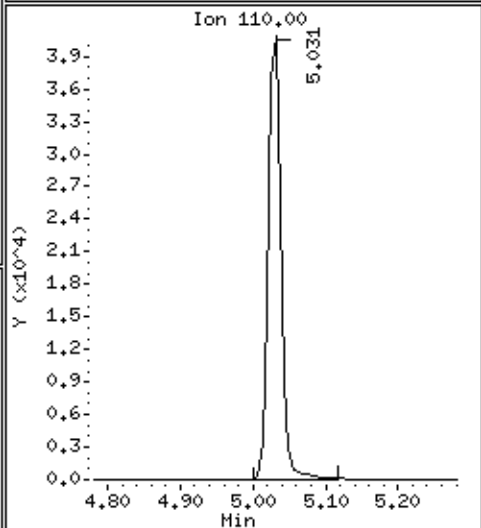
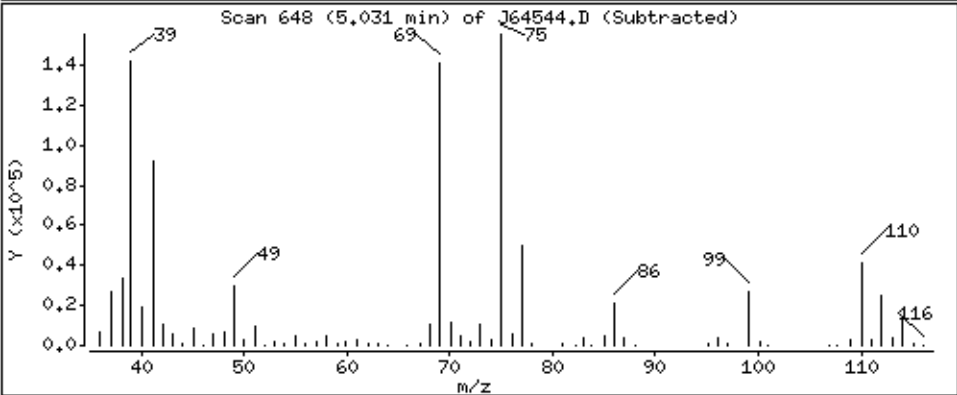
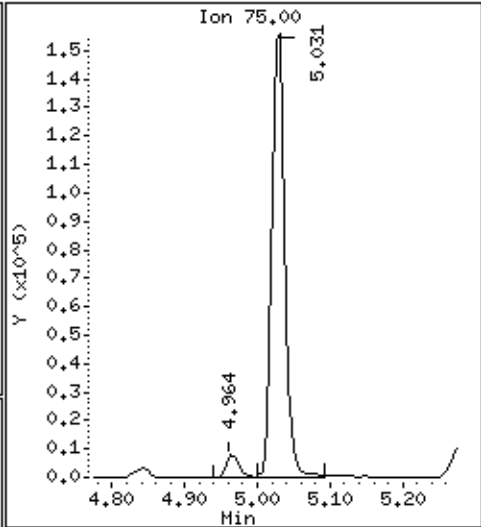
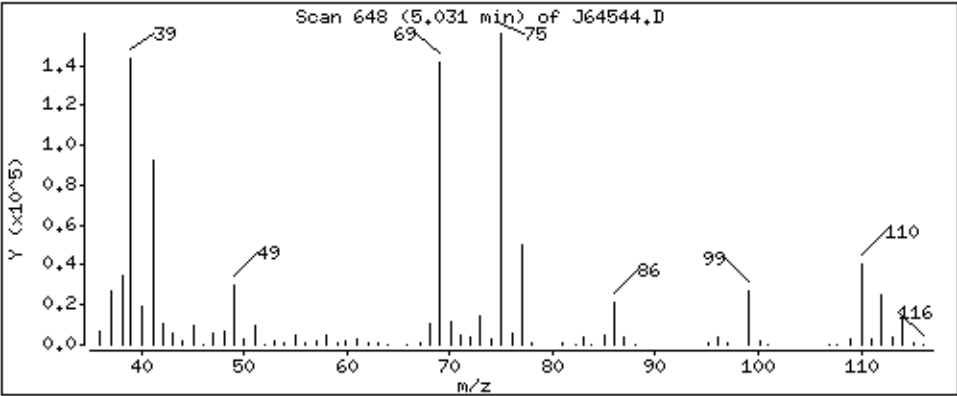


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
72 Methyl isothiocyanate
Concentration: 111 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



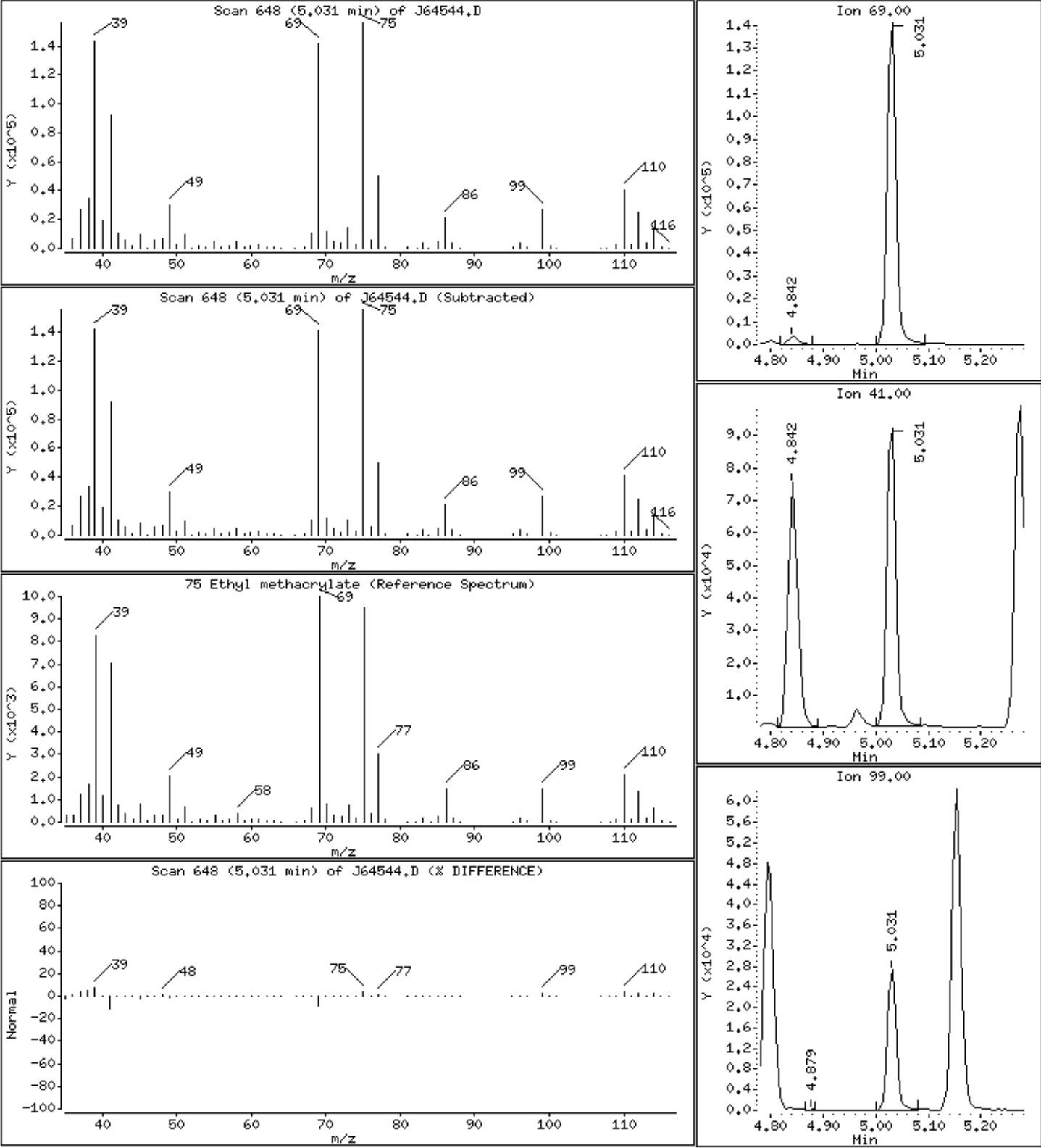
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 49.0 ug/L
Column diameter: 0.18

74 trans-1,3-Dichloropropene
Concentration: 49.0 ug/L
Review Code:

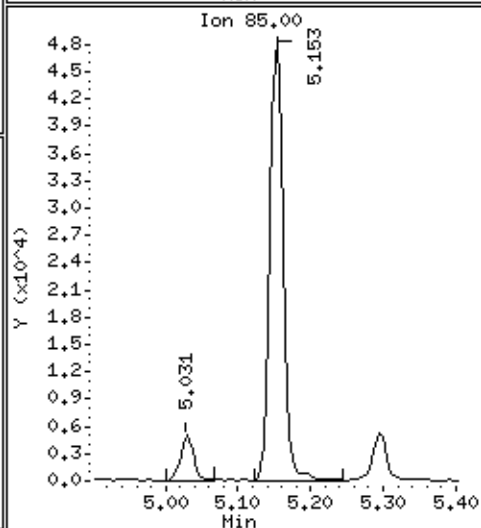
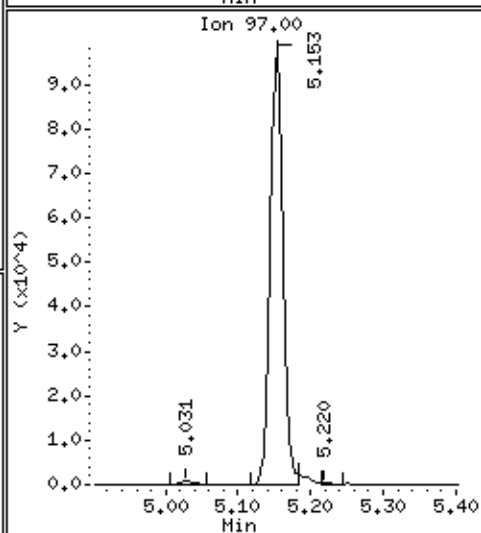
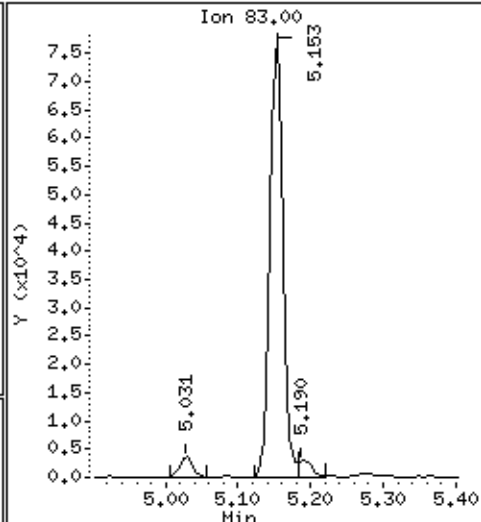
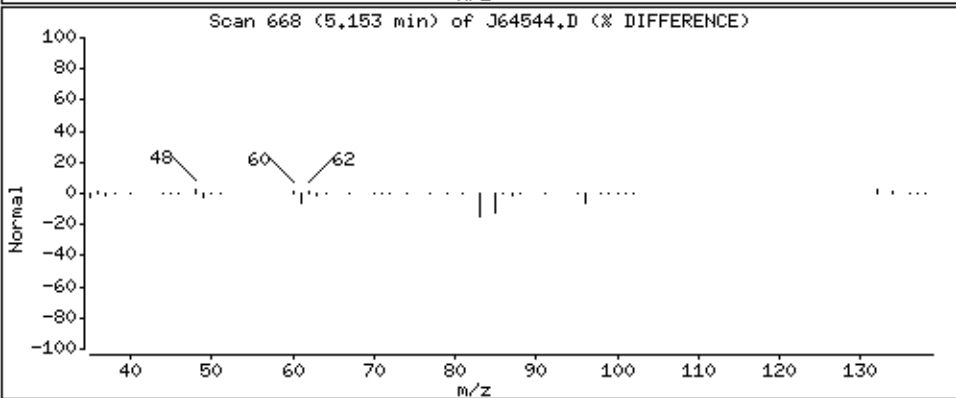
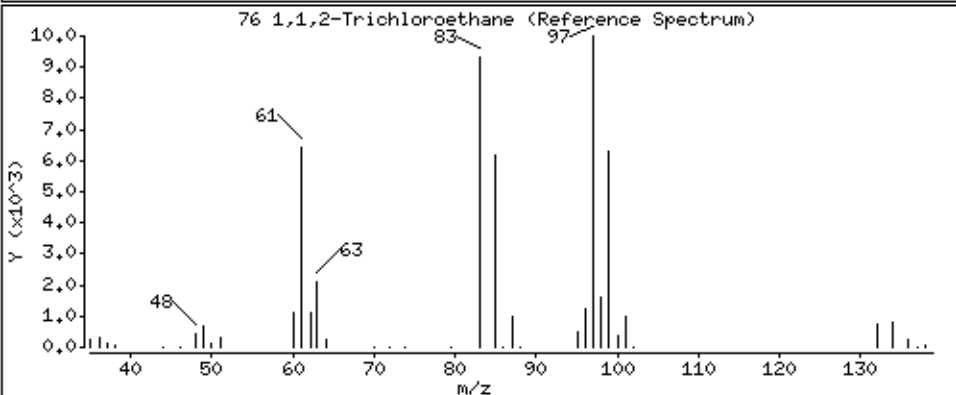
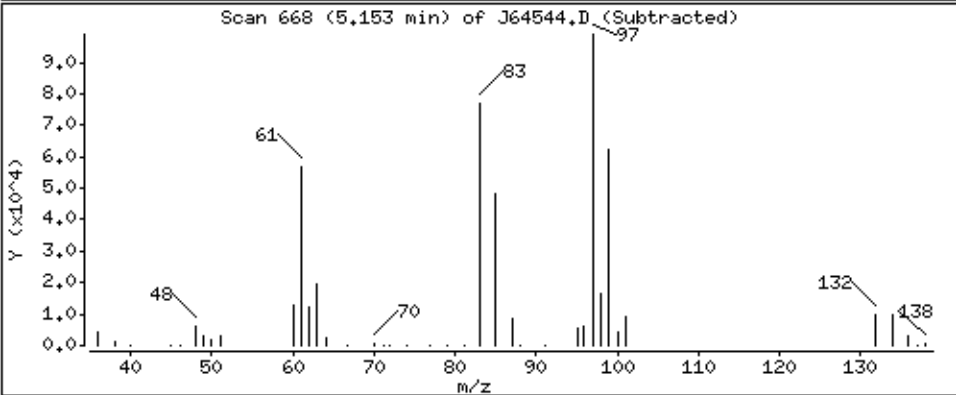
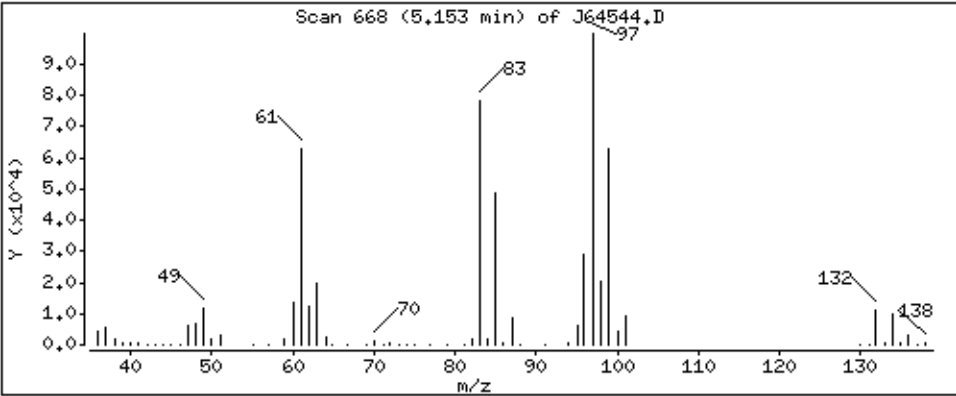


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 47.6 ug/L
Column diameter: 0.18

75 Ethyl methacrylate
Concentration: 47.6 ug/L
Review Code:

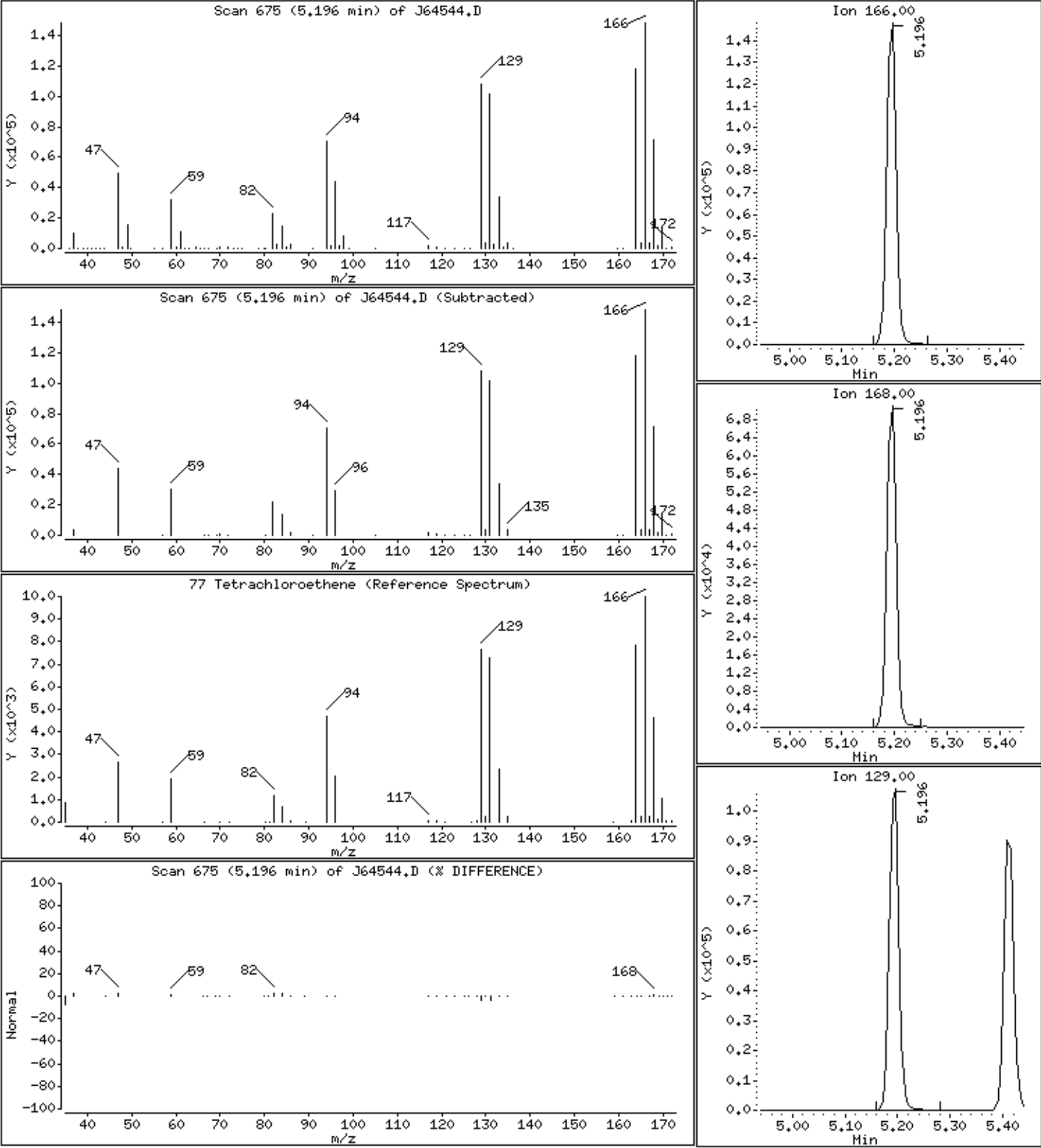


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
76 1,1,2-Trichloroethane
Concentration: 49.3 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

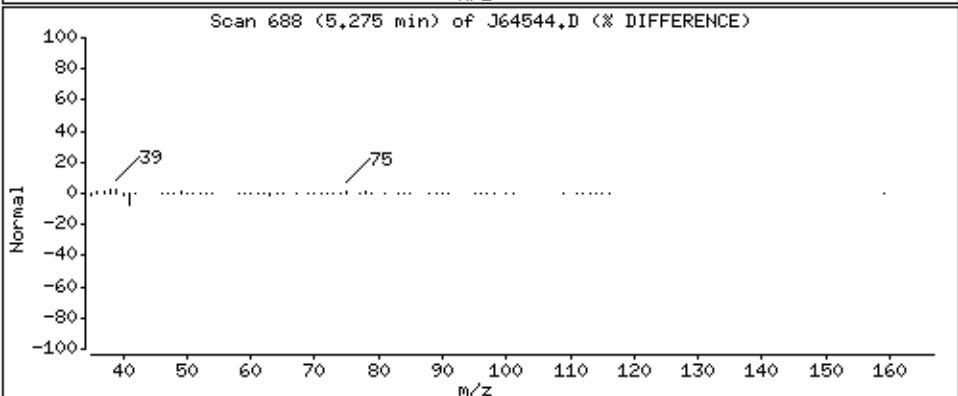
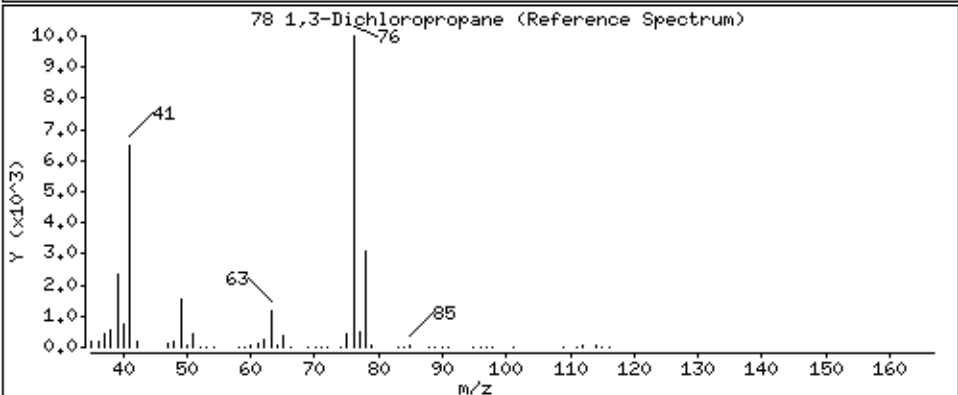
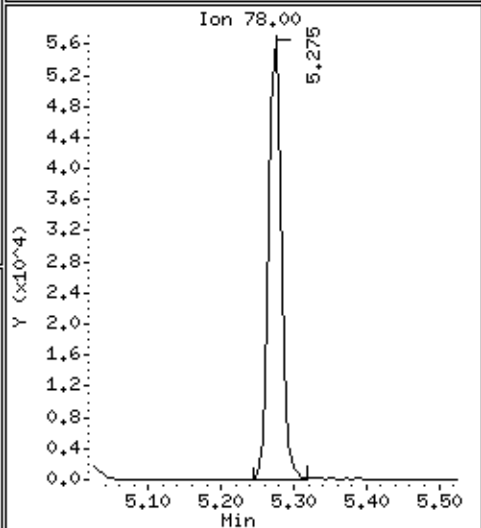
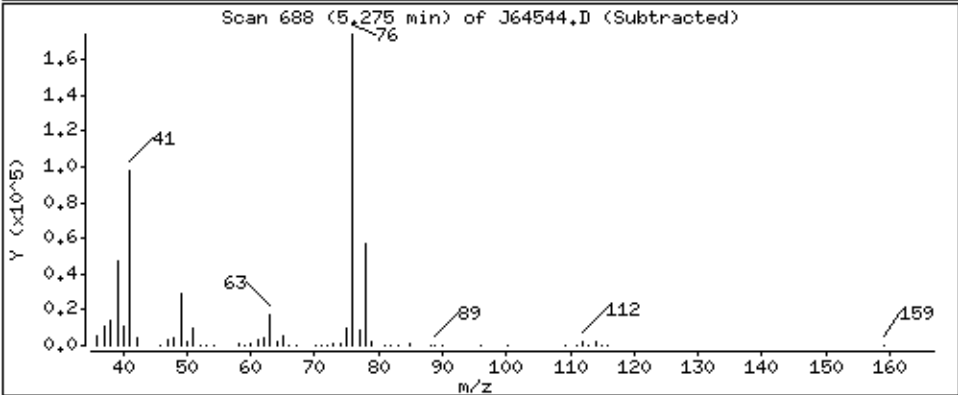
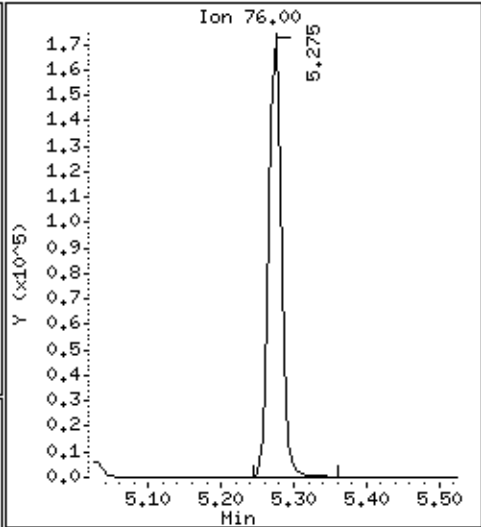
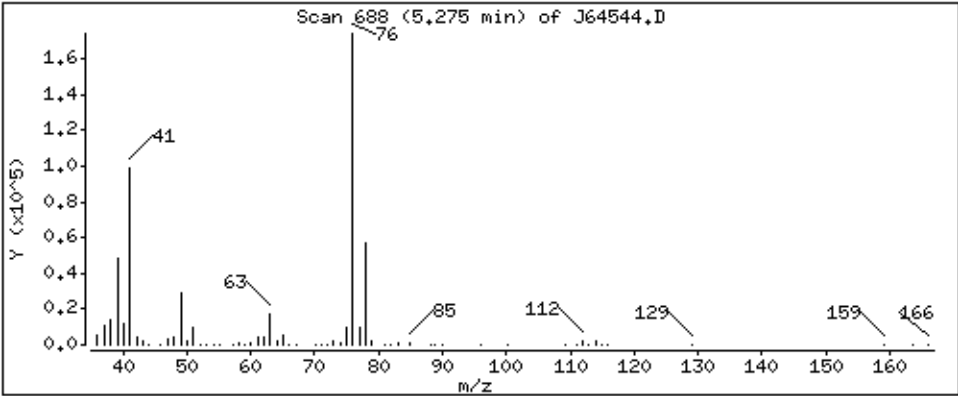


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

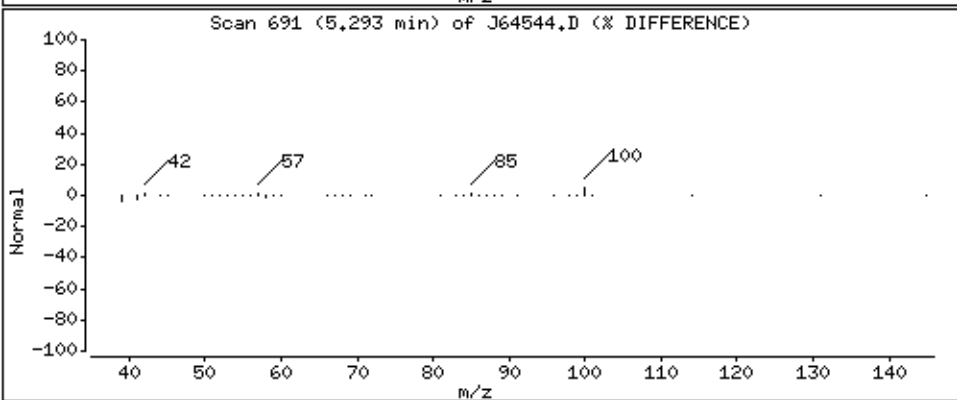
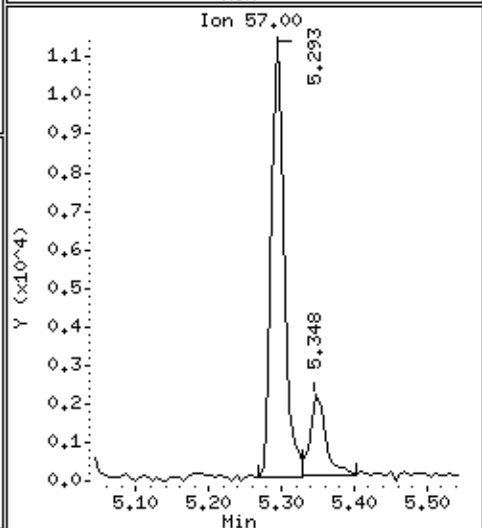
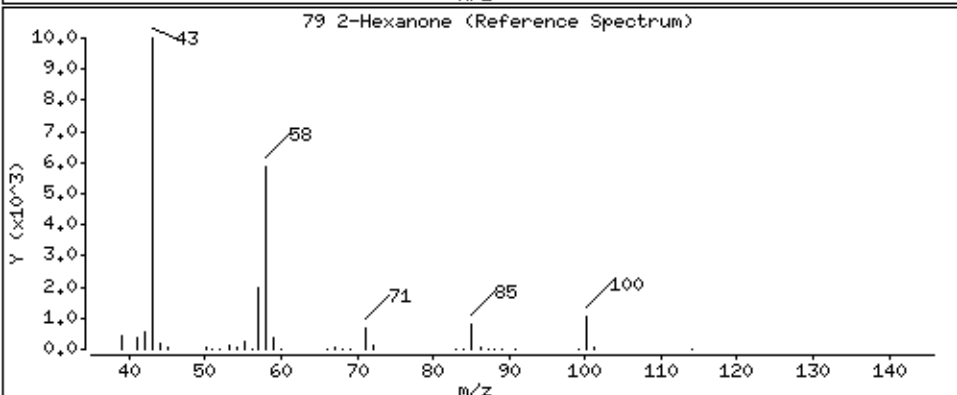
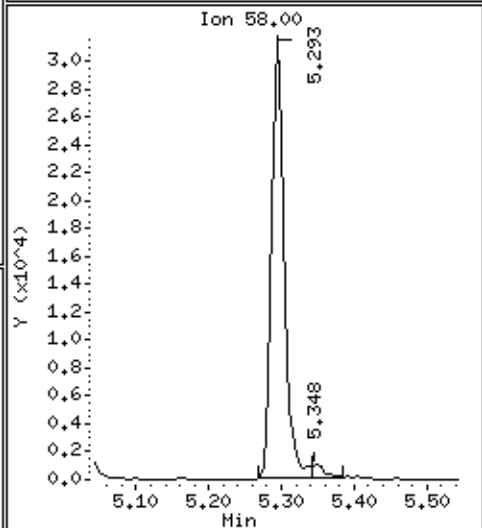
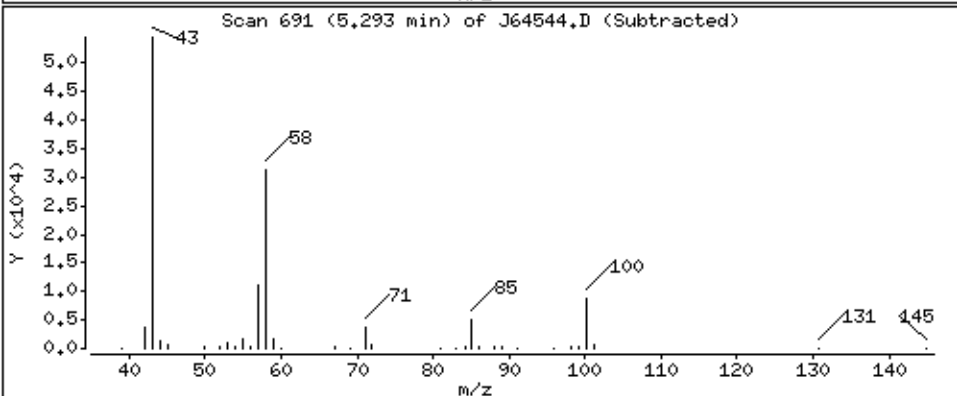
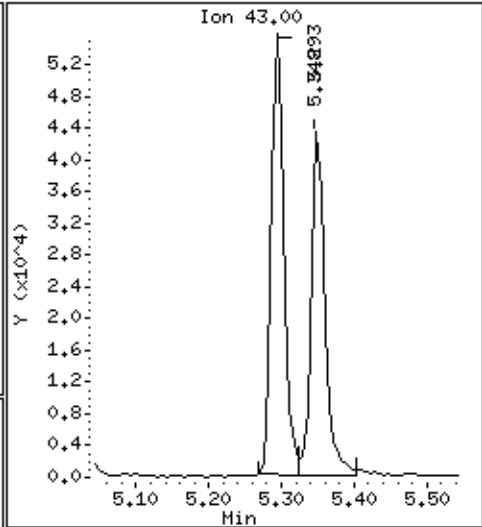
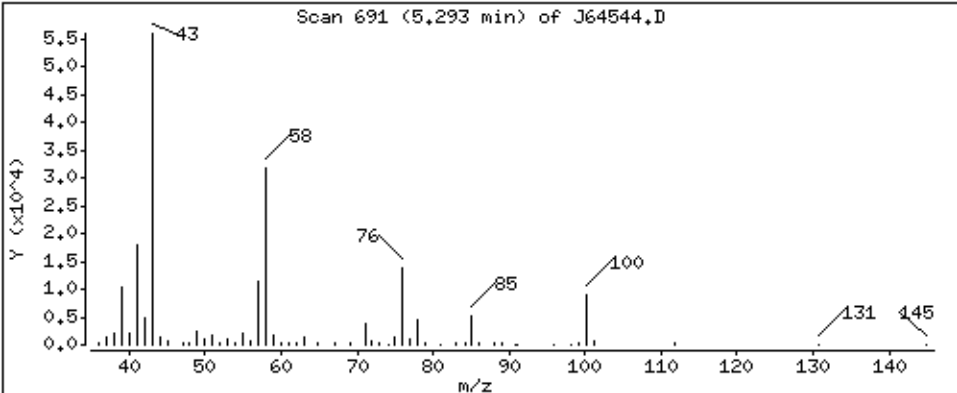
77 Tetrachloroethene Concentration: 67.3 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 51.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:

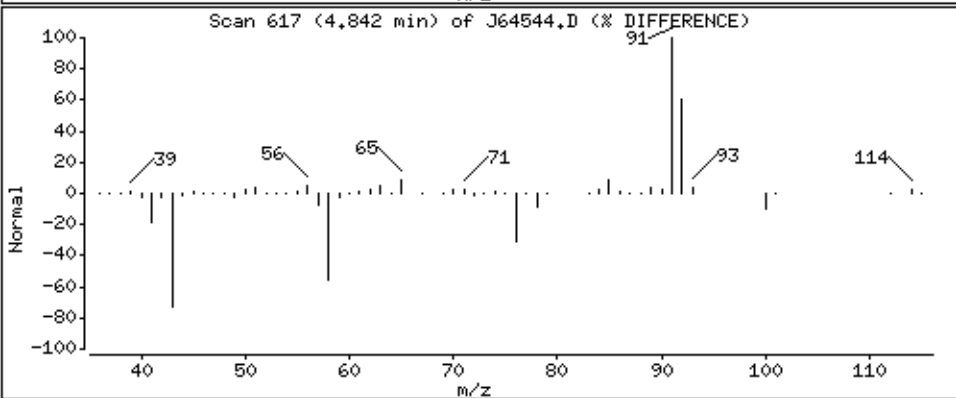
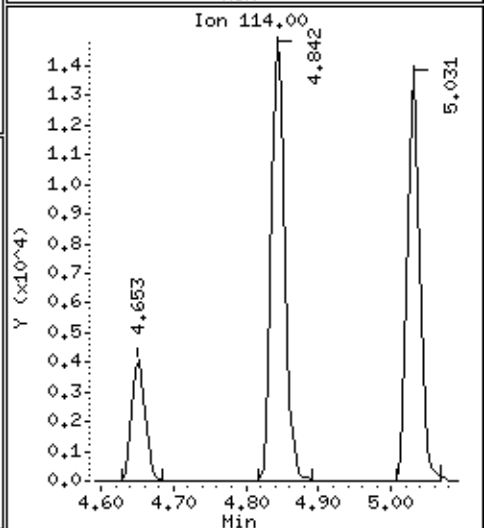
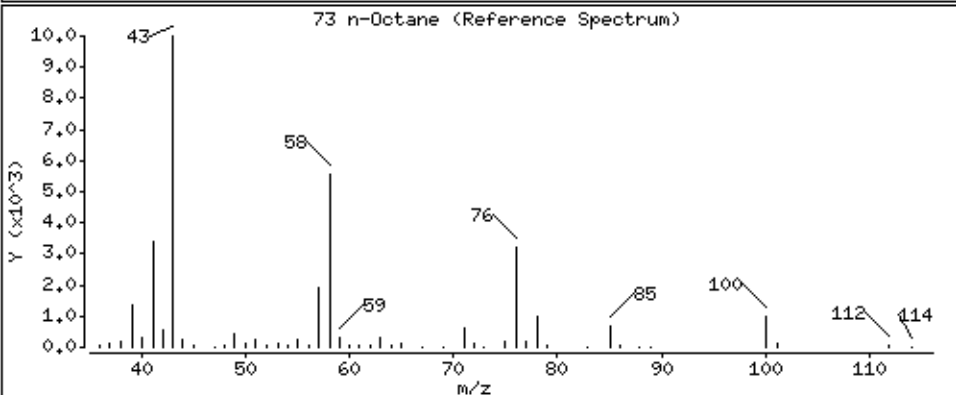
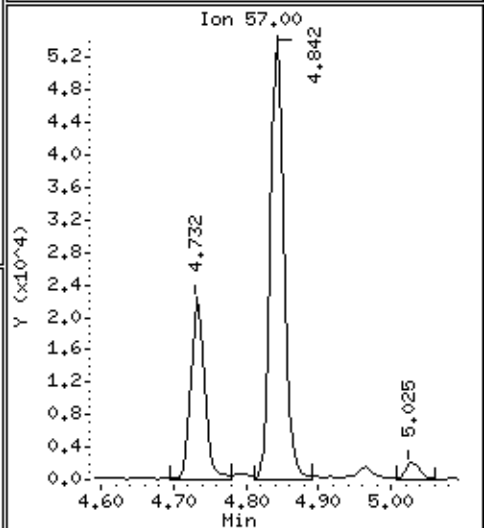
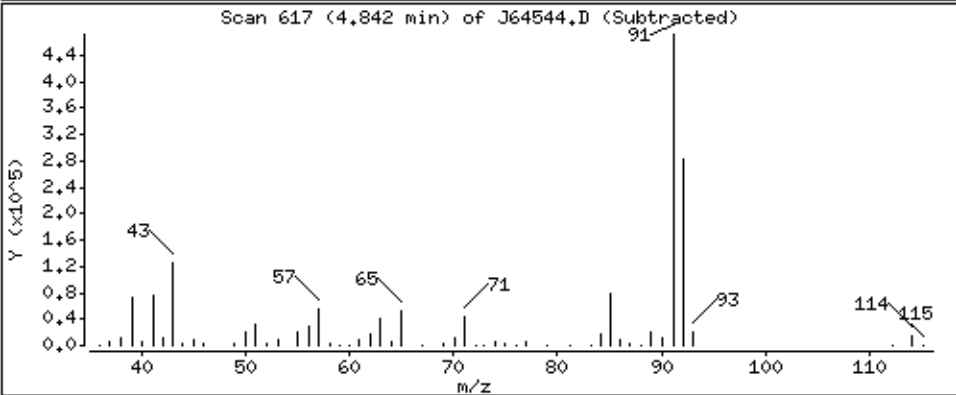
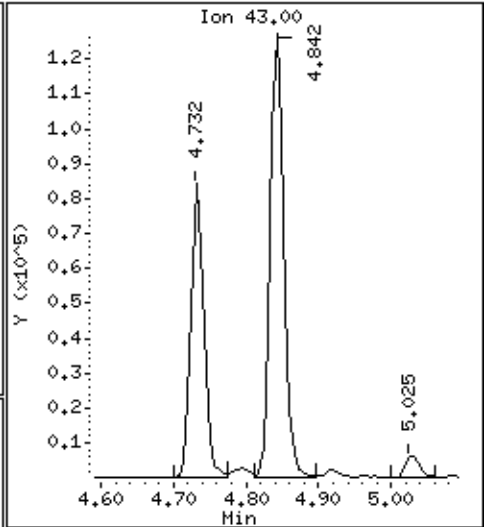
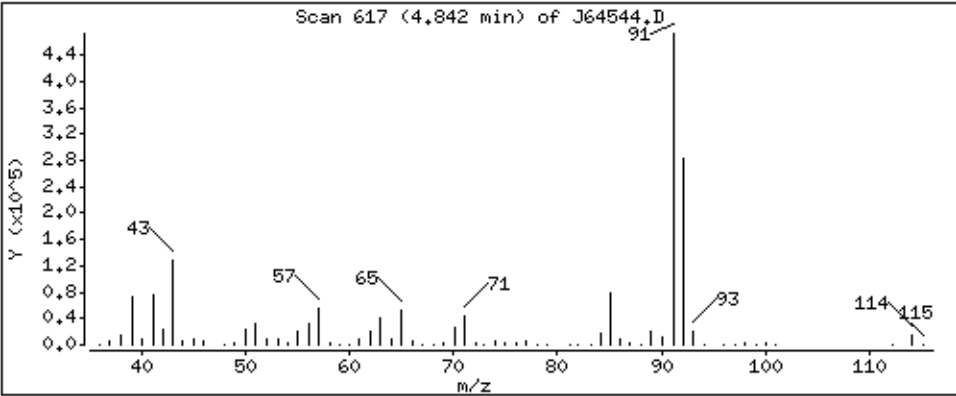


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 38.0 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



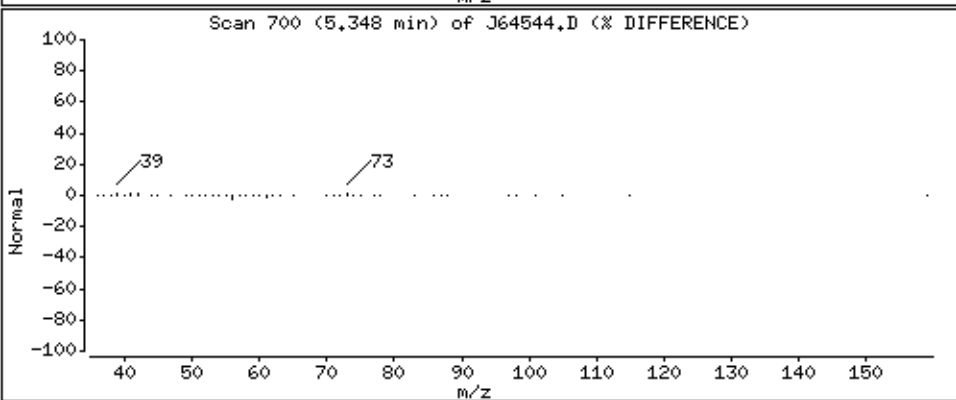
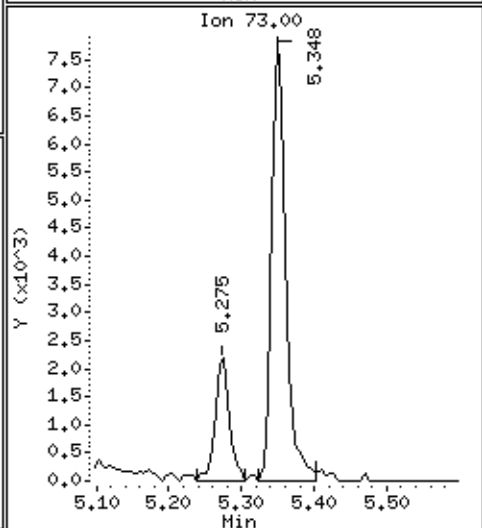
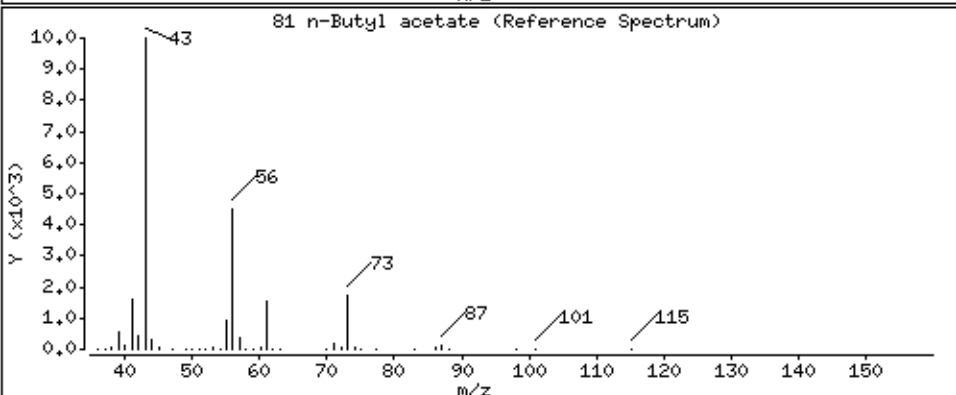
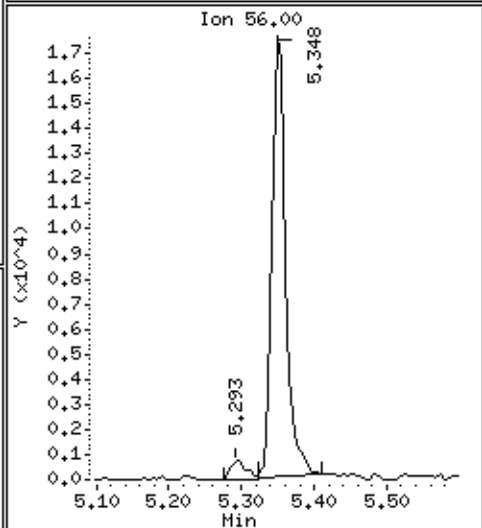
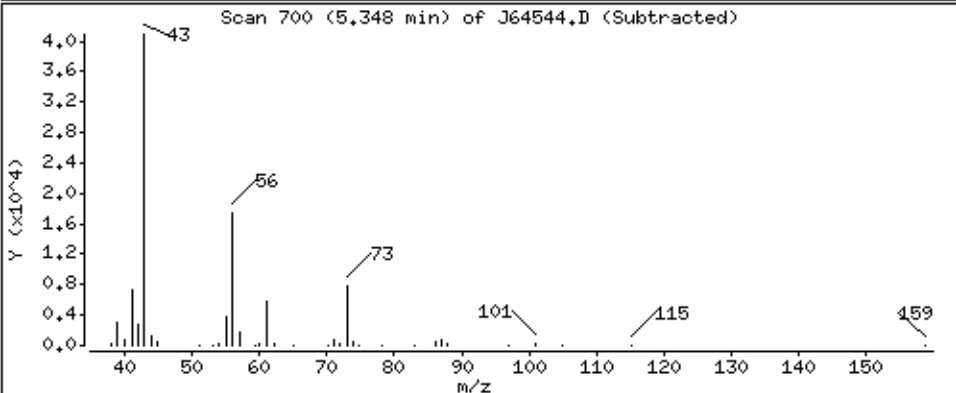
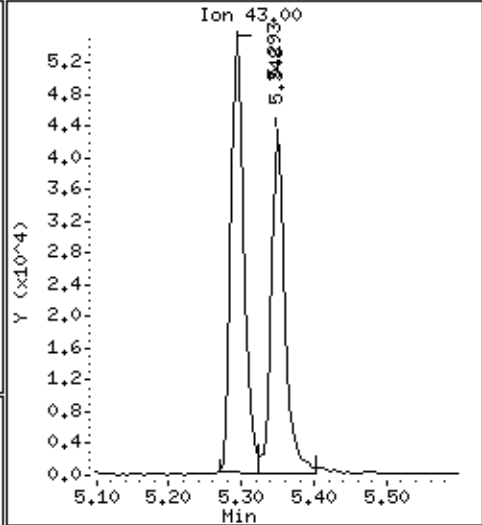
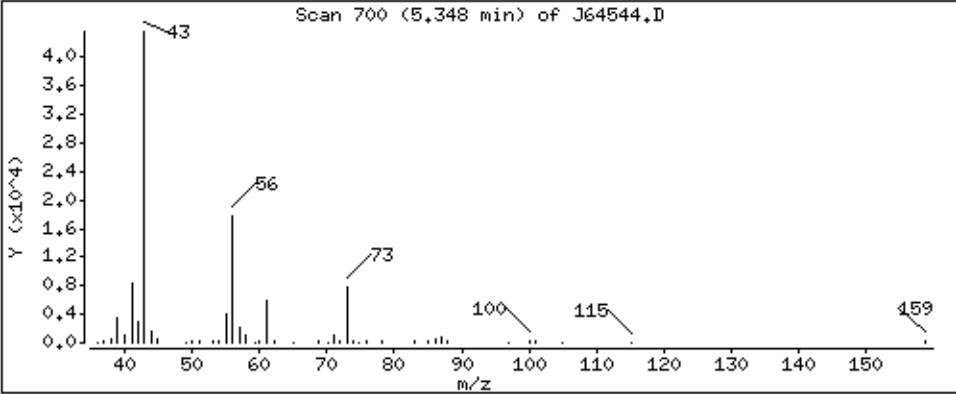
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

73 n-Octane Concentration: 40.6 ug/L Review Code:

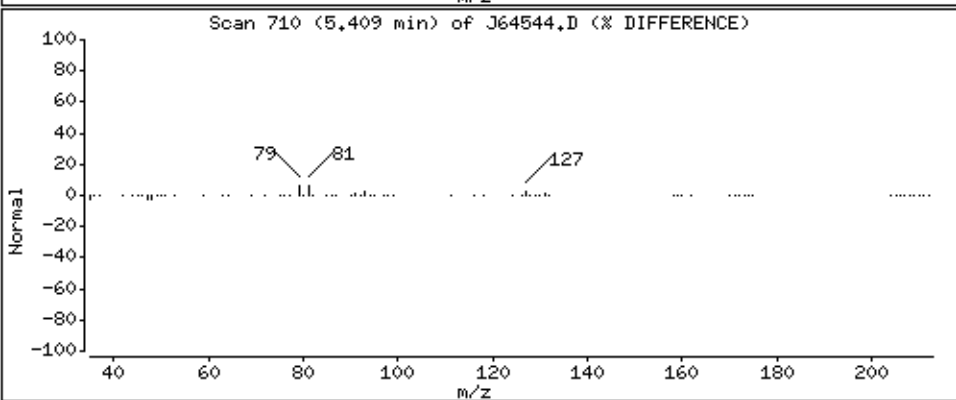
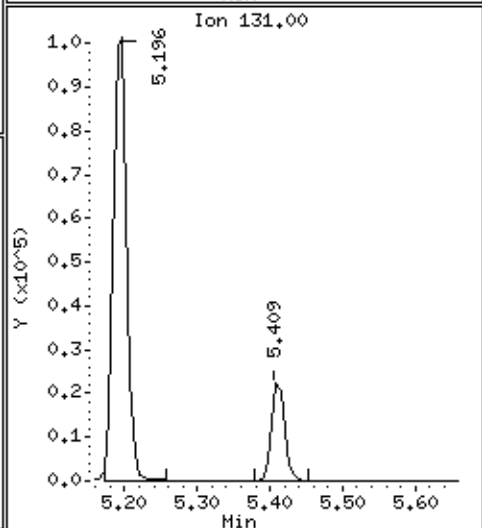
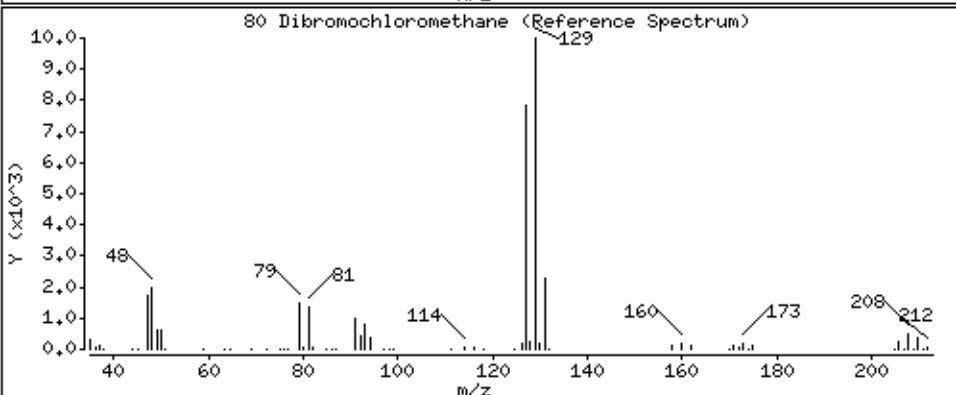
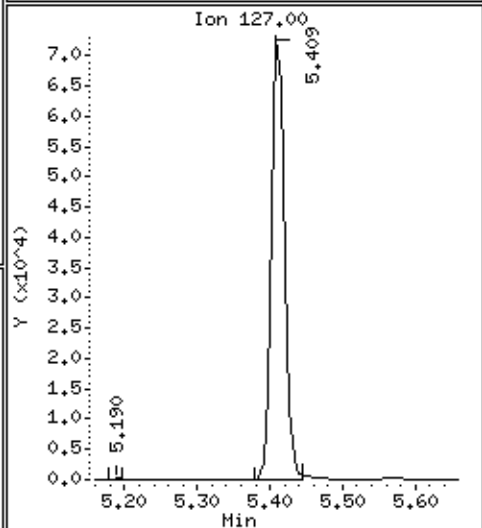
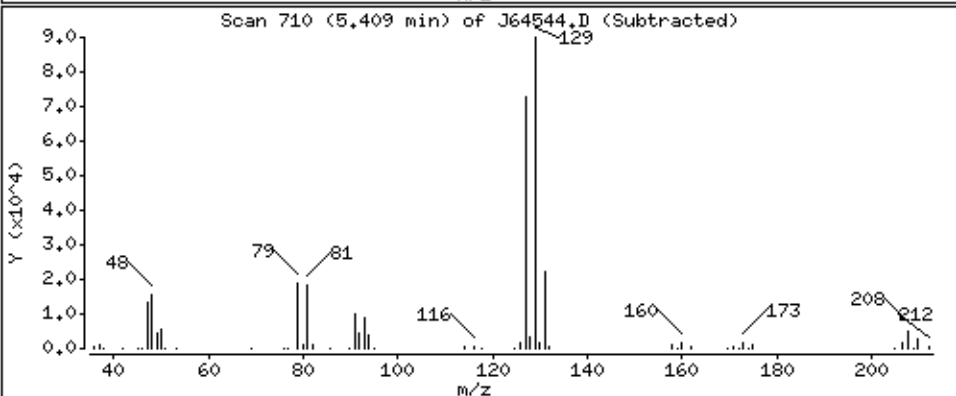
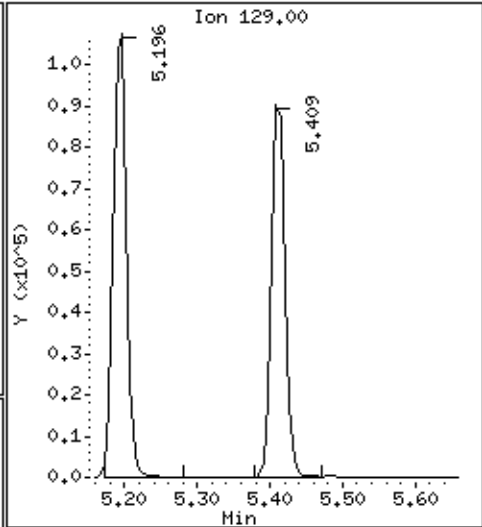
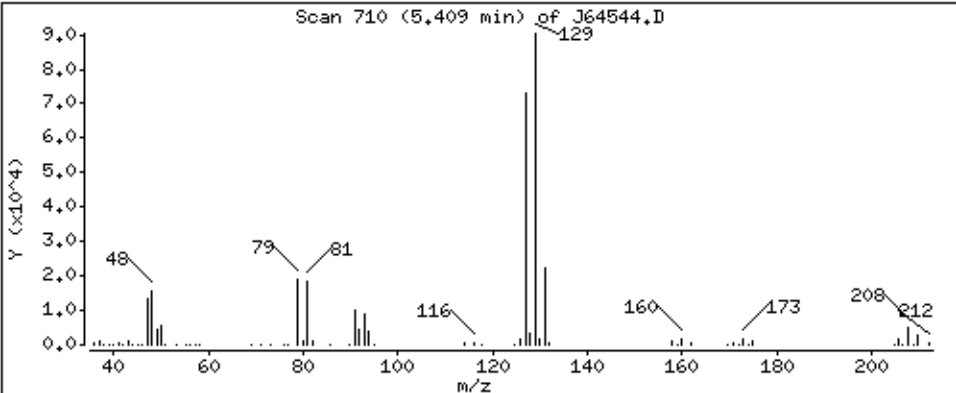


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

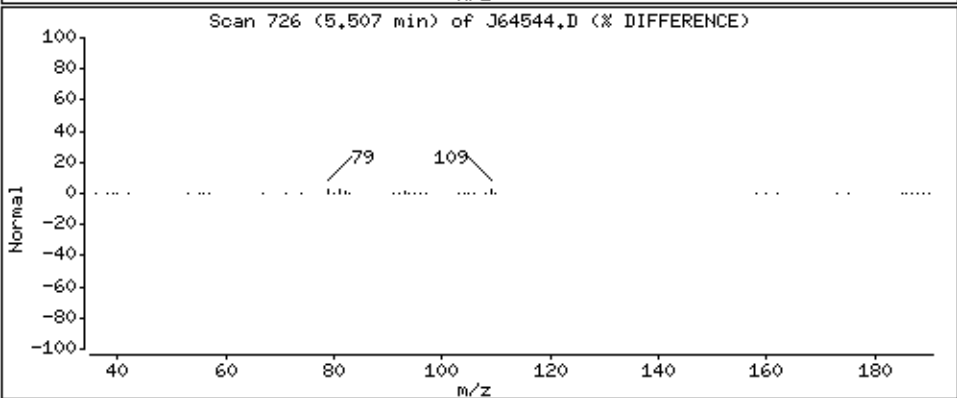
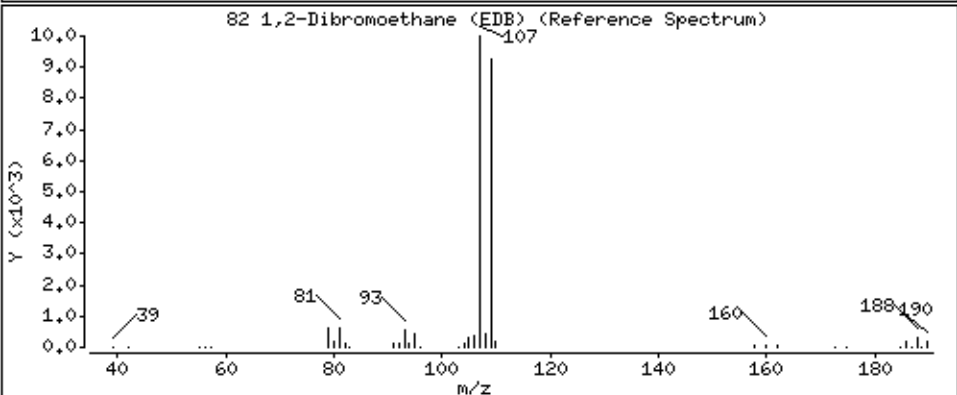
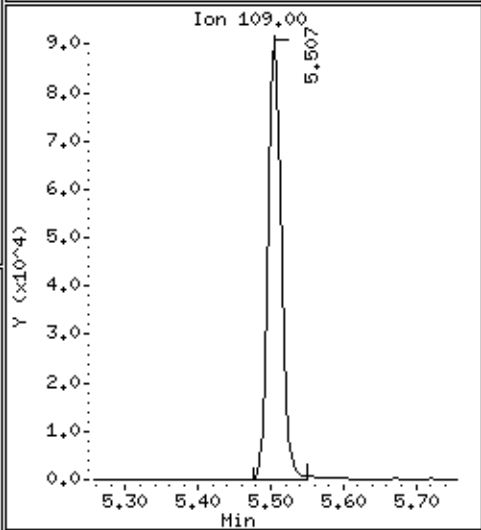
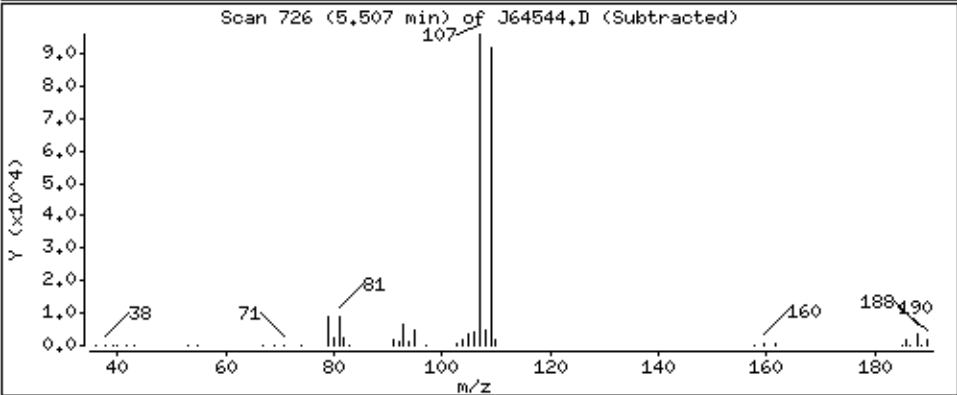
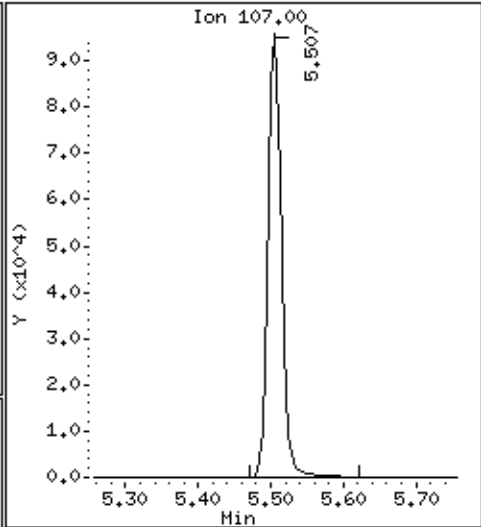
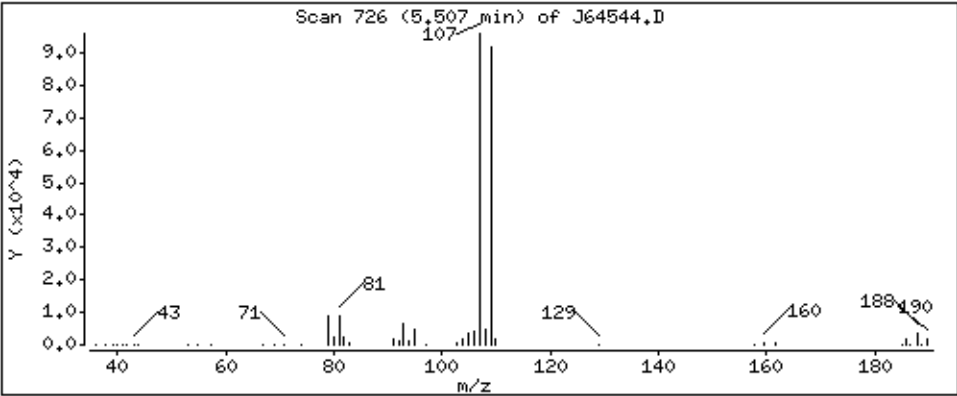
81 n-Butyl acetate Concentration: 39.9 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18
80 Dibromochloromethane
Concentration: 54,7 ug/L
Review Code:

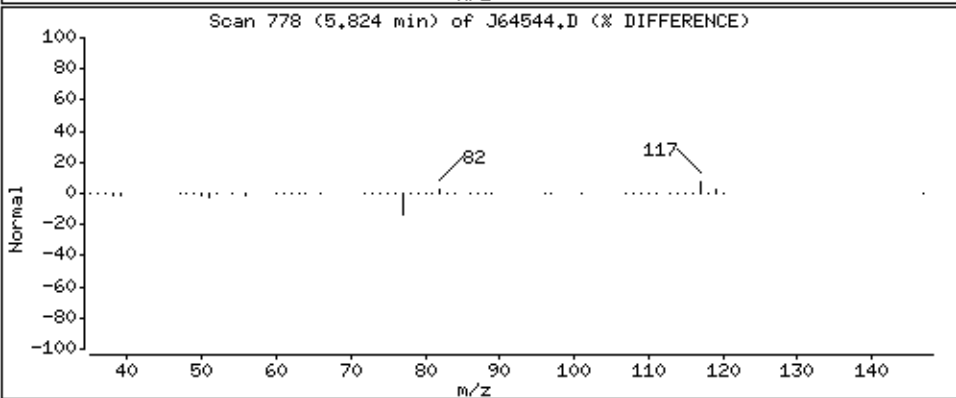
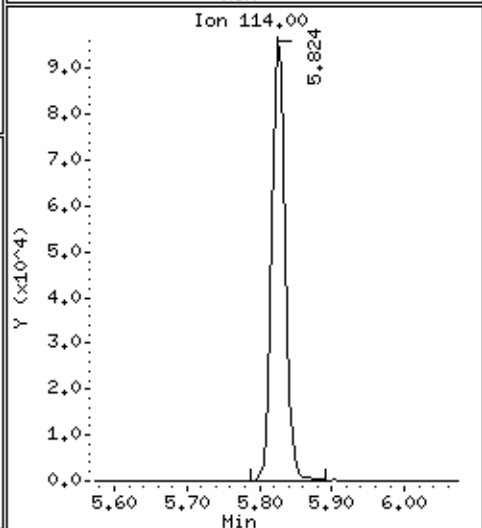
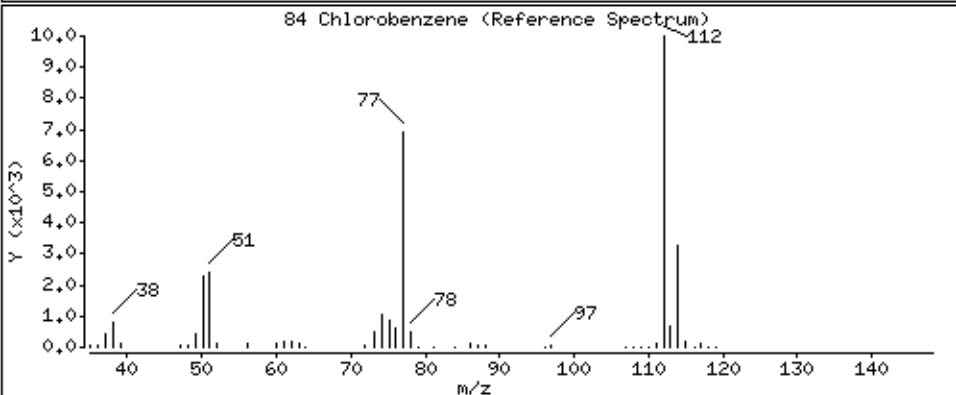
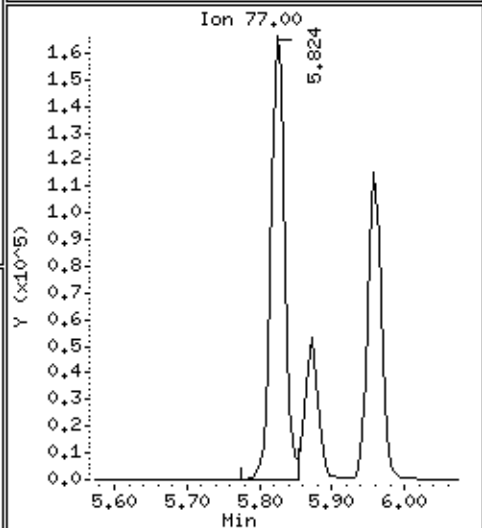
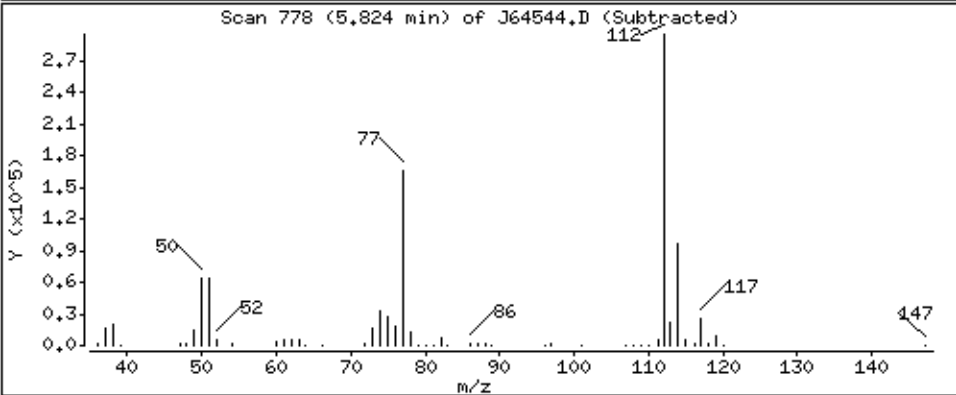
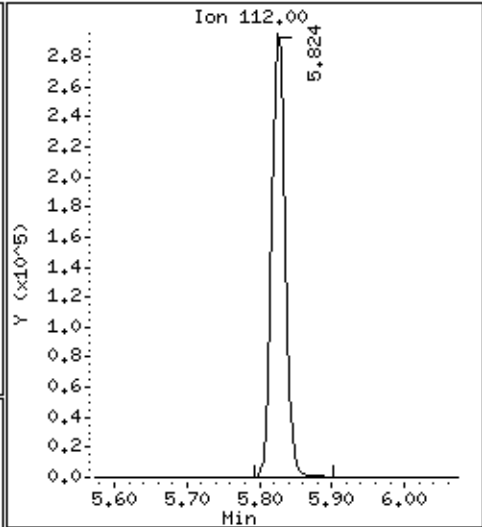
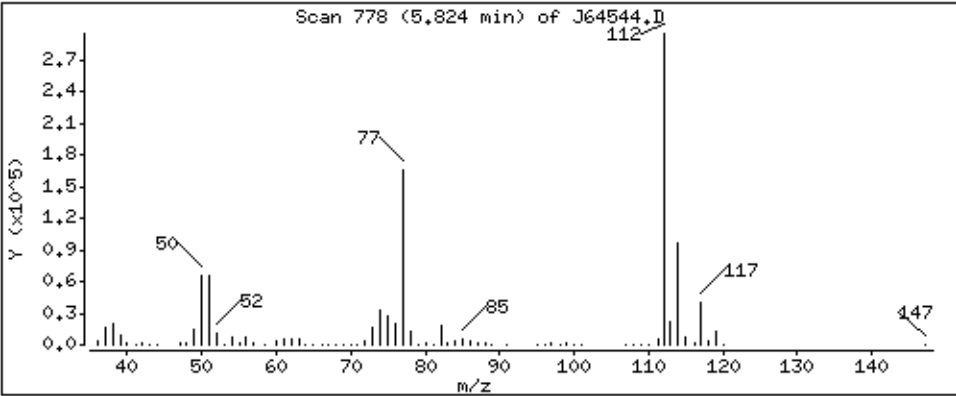


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
82 1,2-Dibromoethane (EDB) Concentration: 53,4 ug/L Review Code:



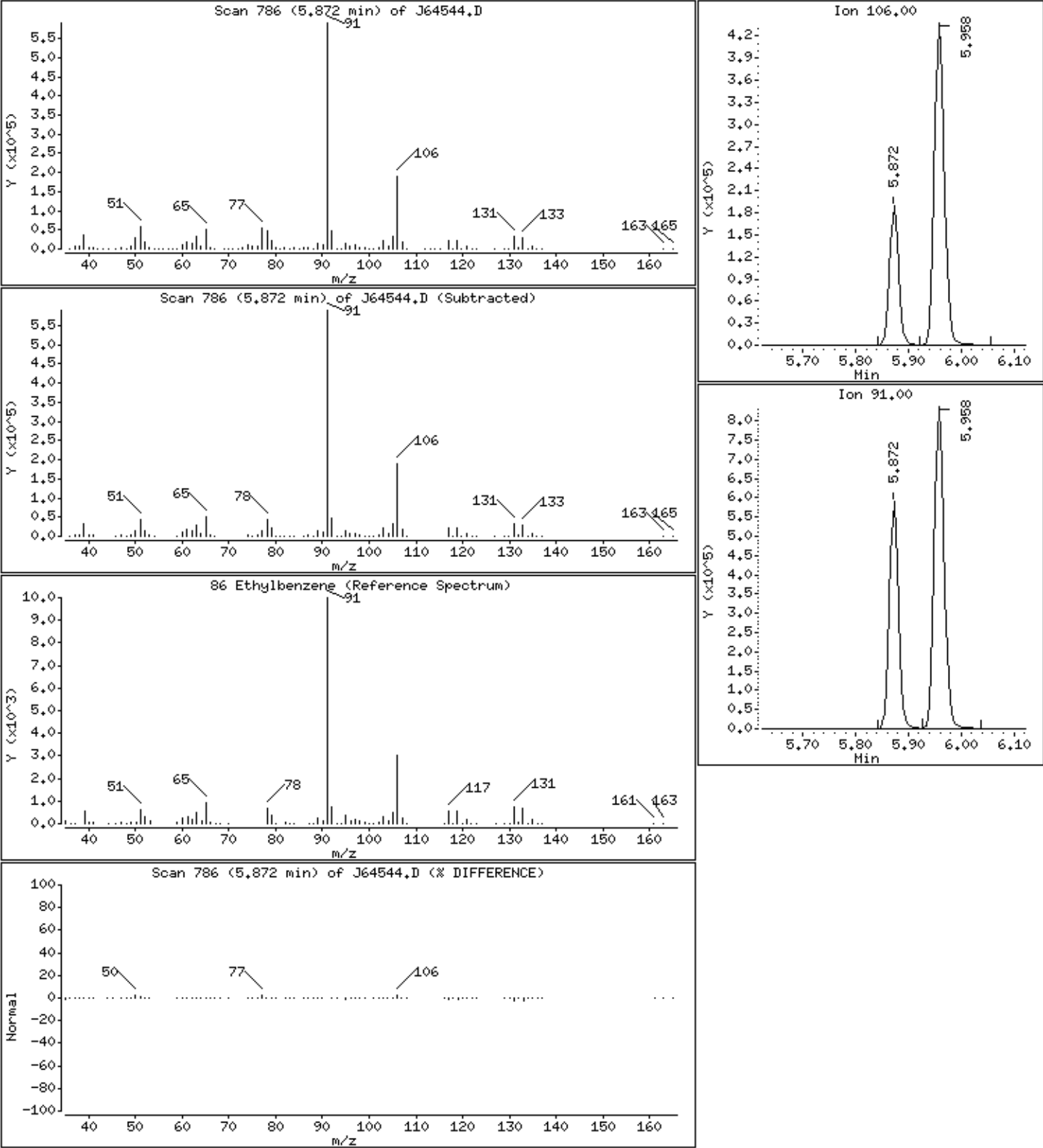
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

84 Chlorobenzene Concentration: 56.1 ug/L Review Code:



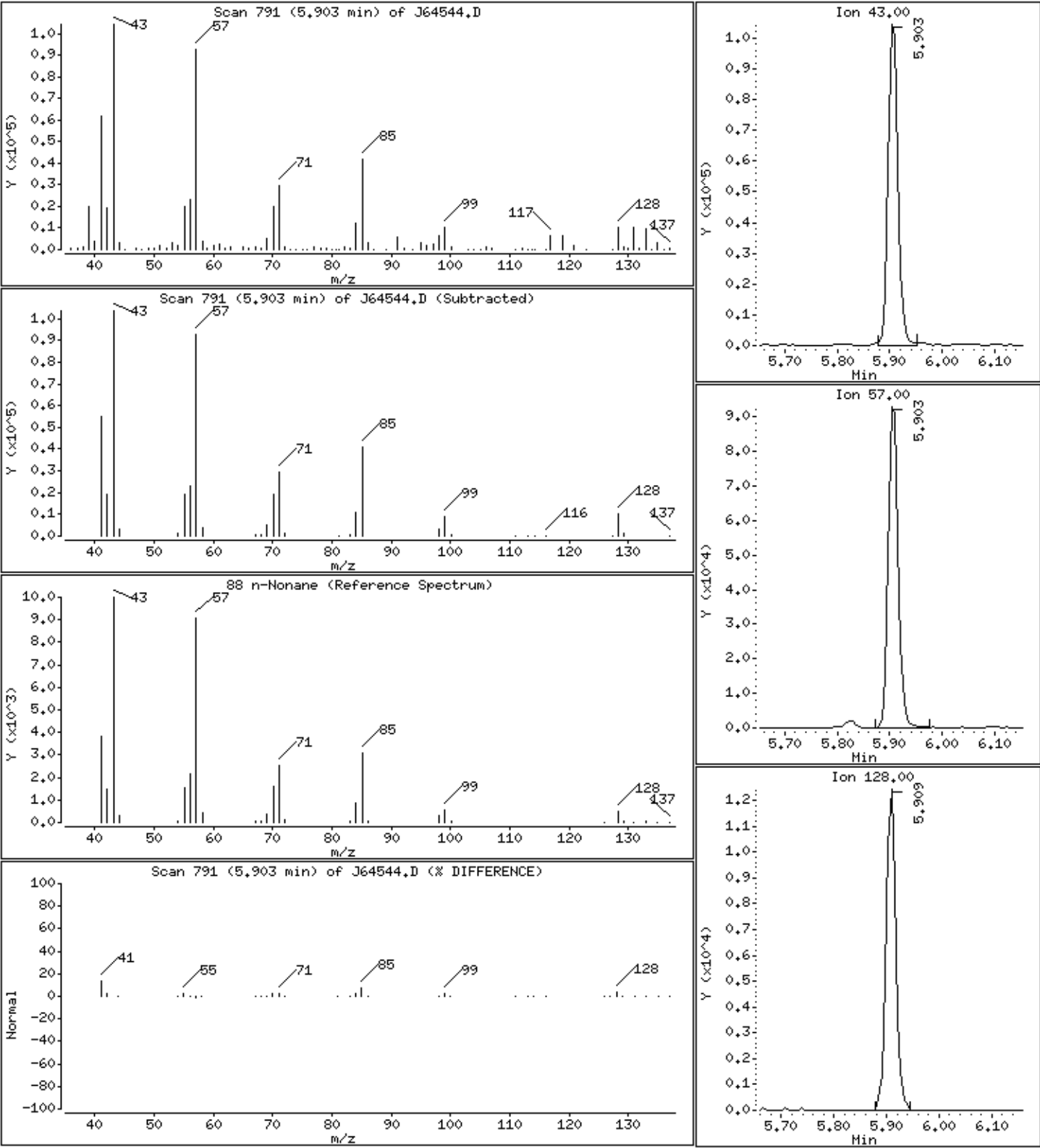
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

86 Ethylbenzene Concentration: 56,2 ug/L Review Code:

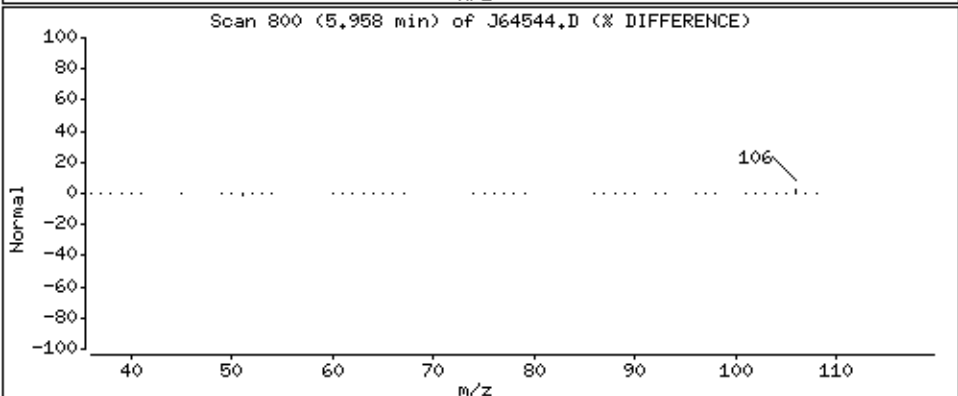
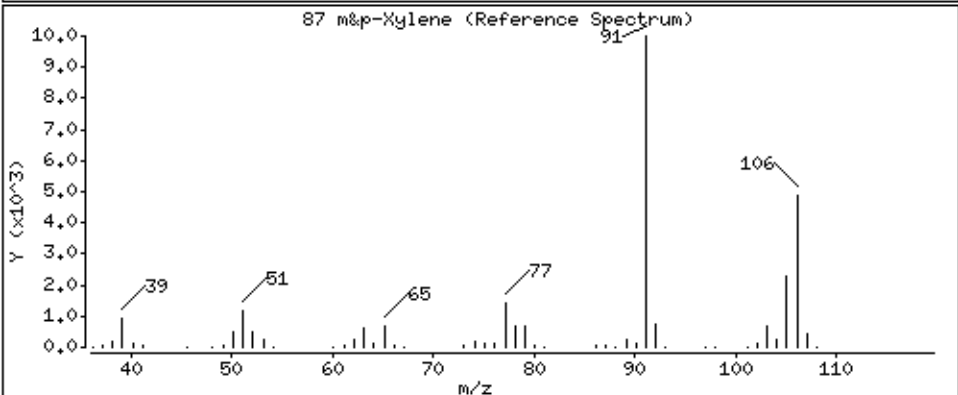
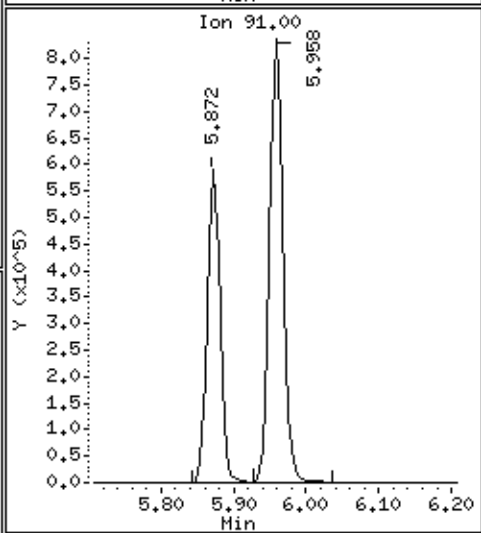
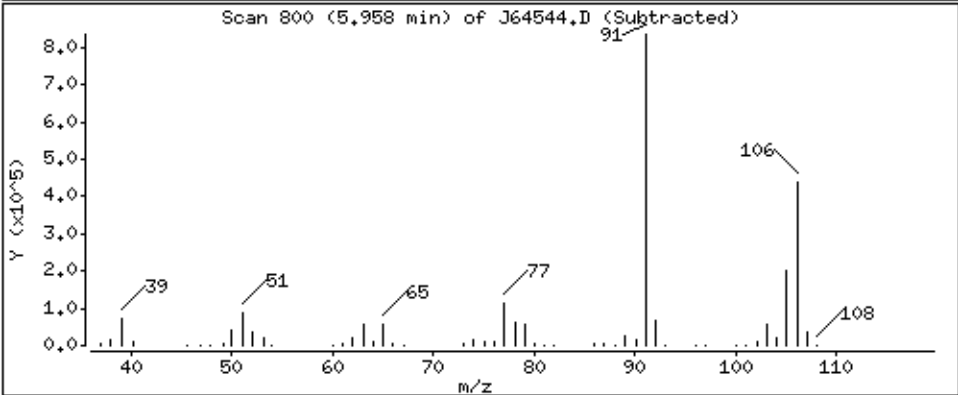
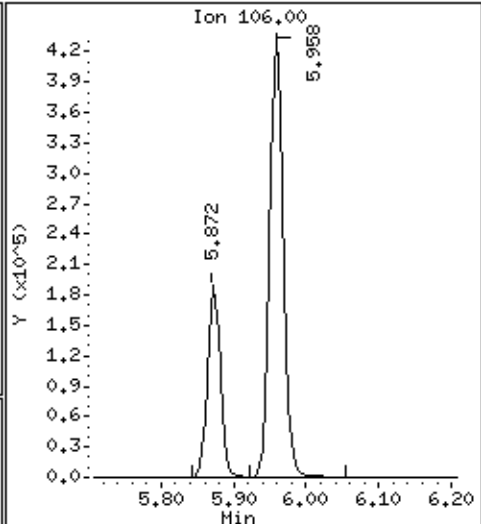
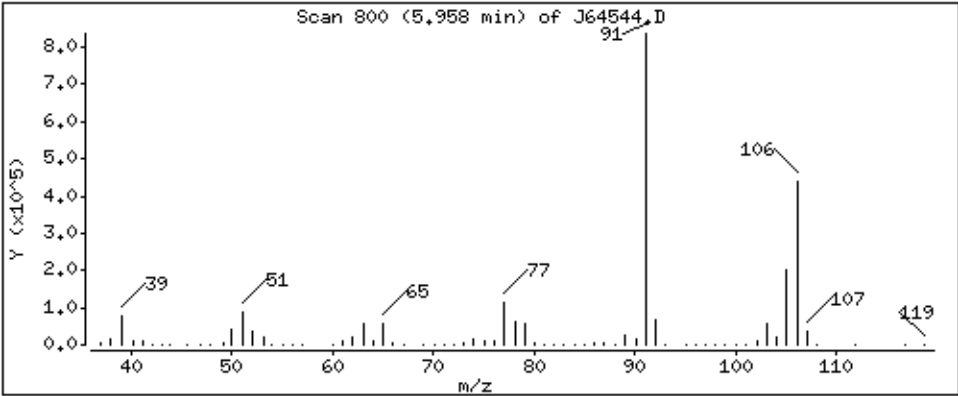


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

88 n-Nonane Concentration: 50,4 ug/L Review Code:

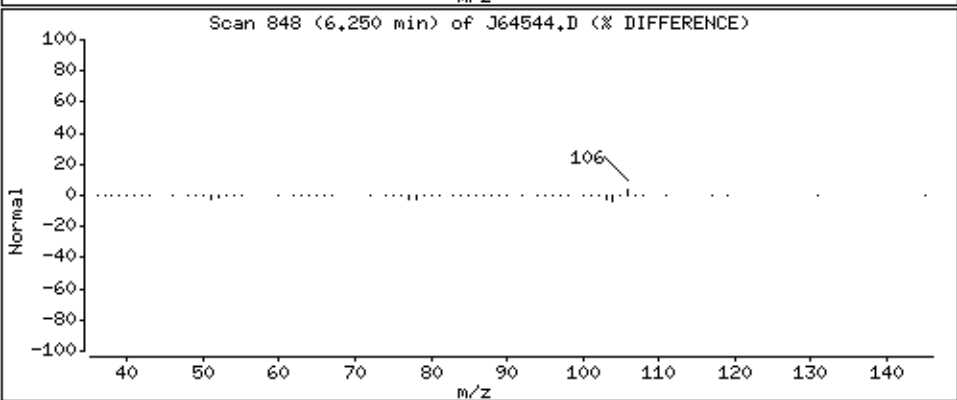
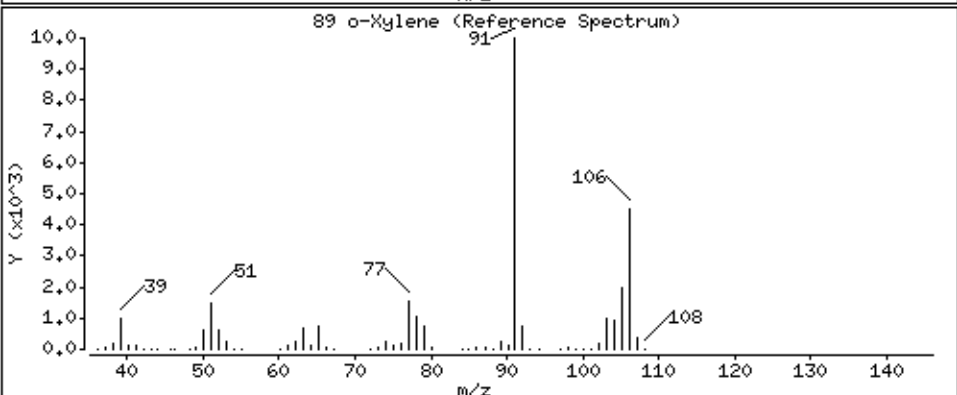
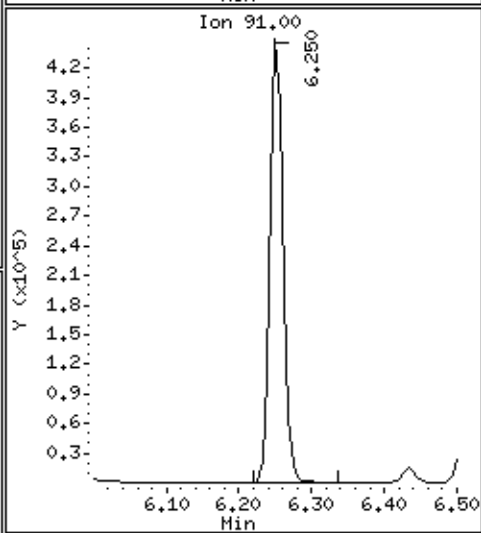
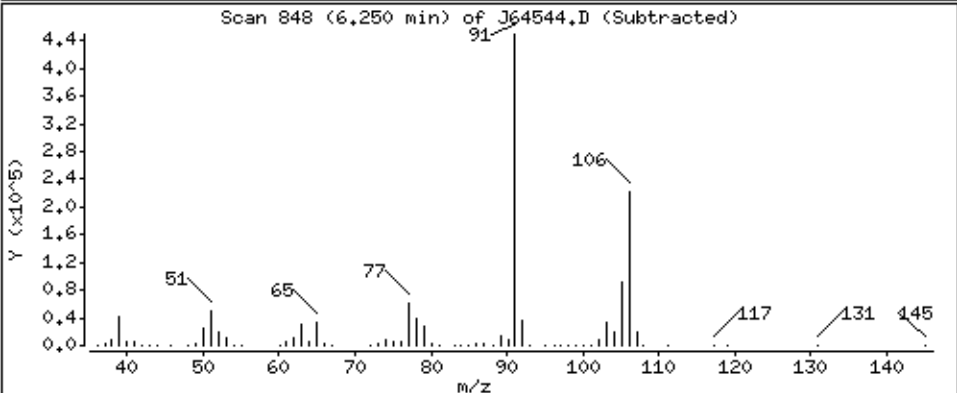
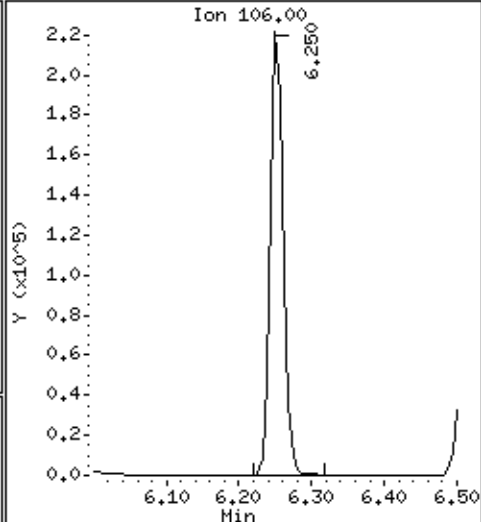
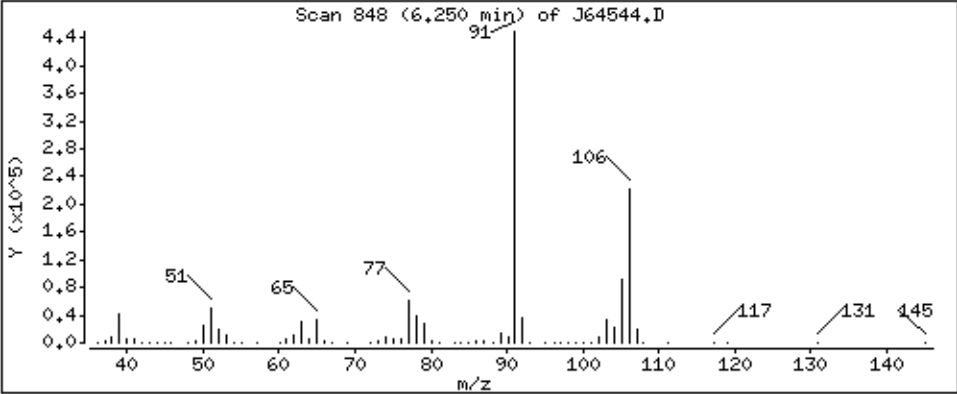


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 114 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



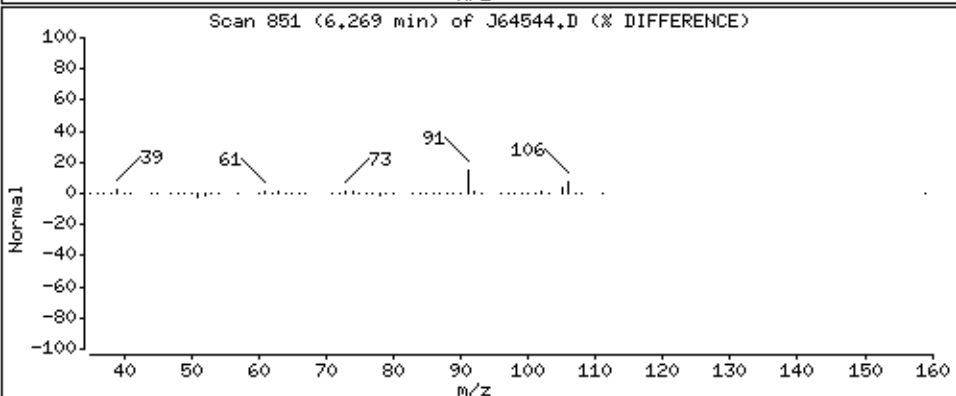
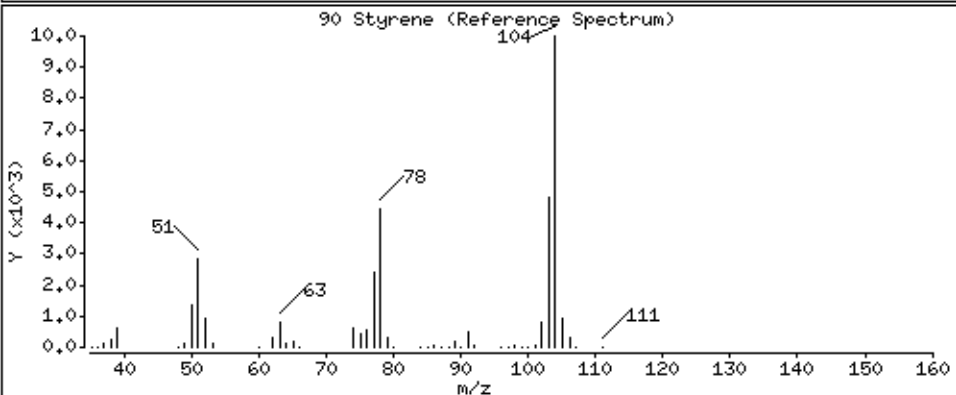
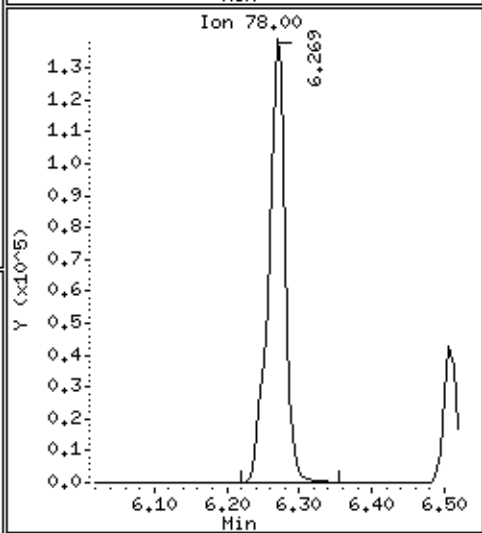
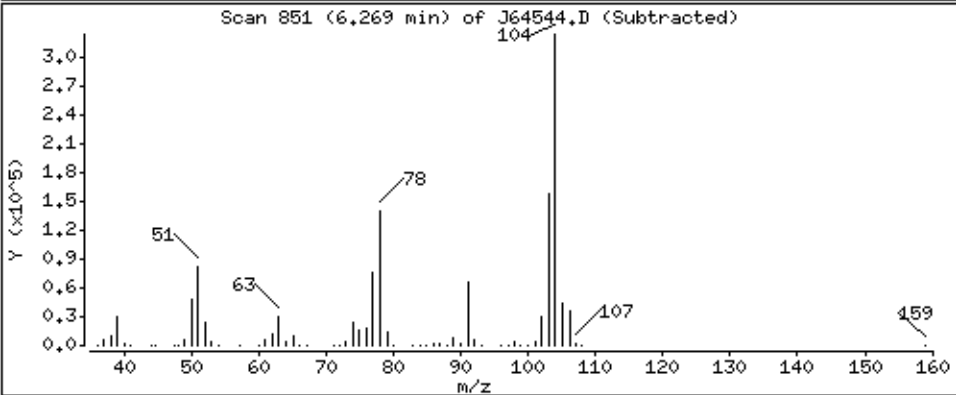
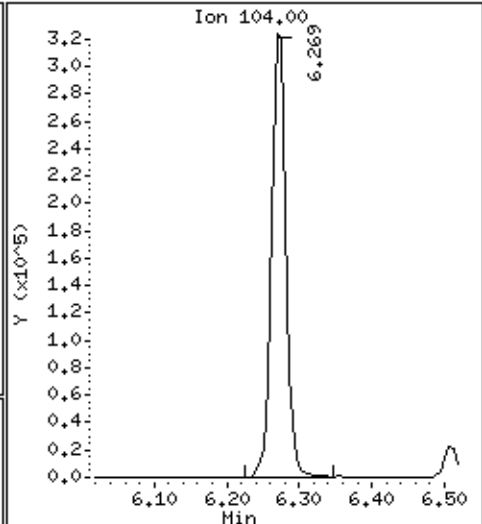
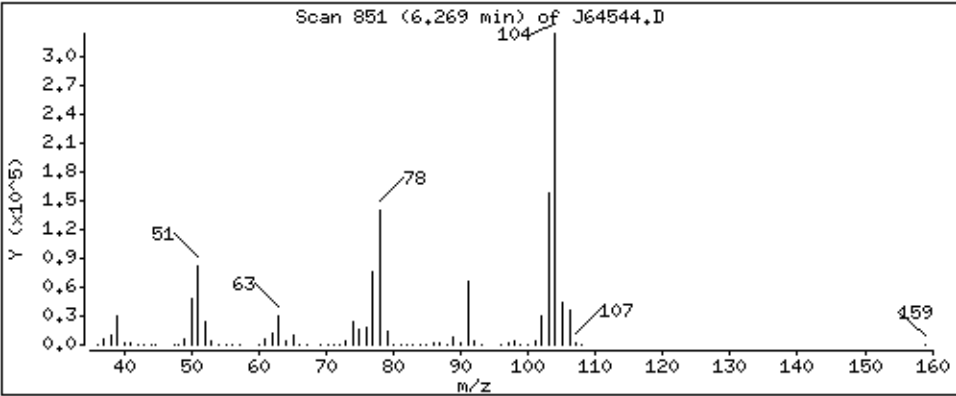
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

89 o-Xylene Concentration: 56,2 ug/L Review Code:



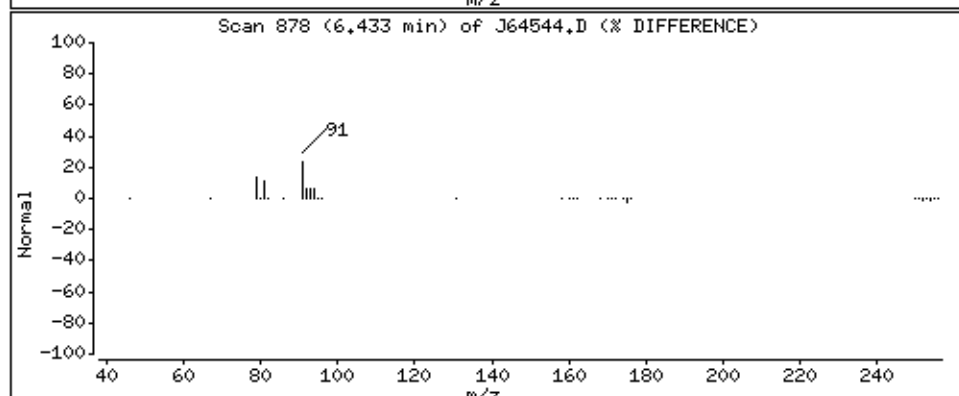
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

90 Styrene Concentration: 56,9 ug/L Review Code:

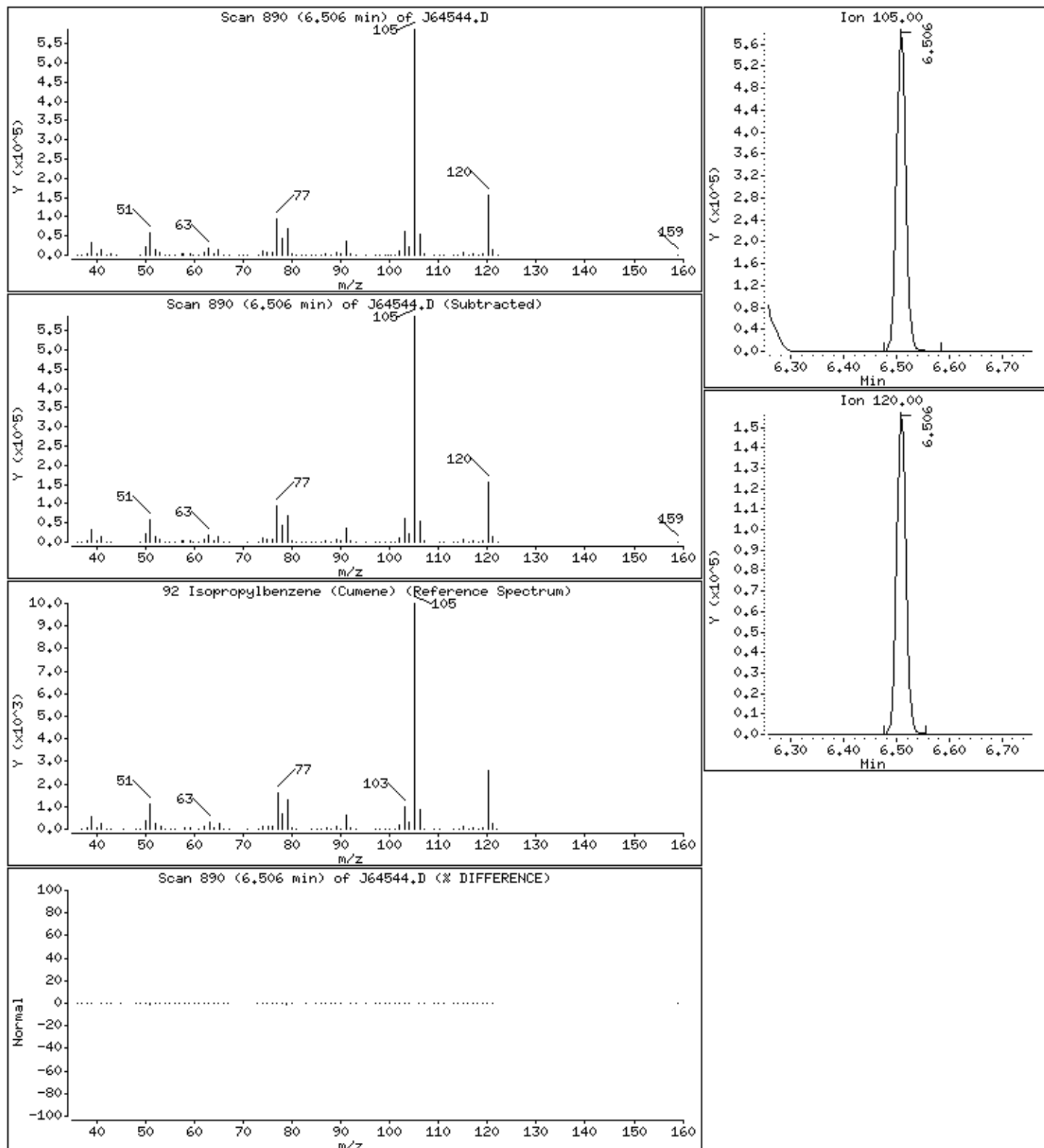


Column diameter: 0.18

Review Code:

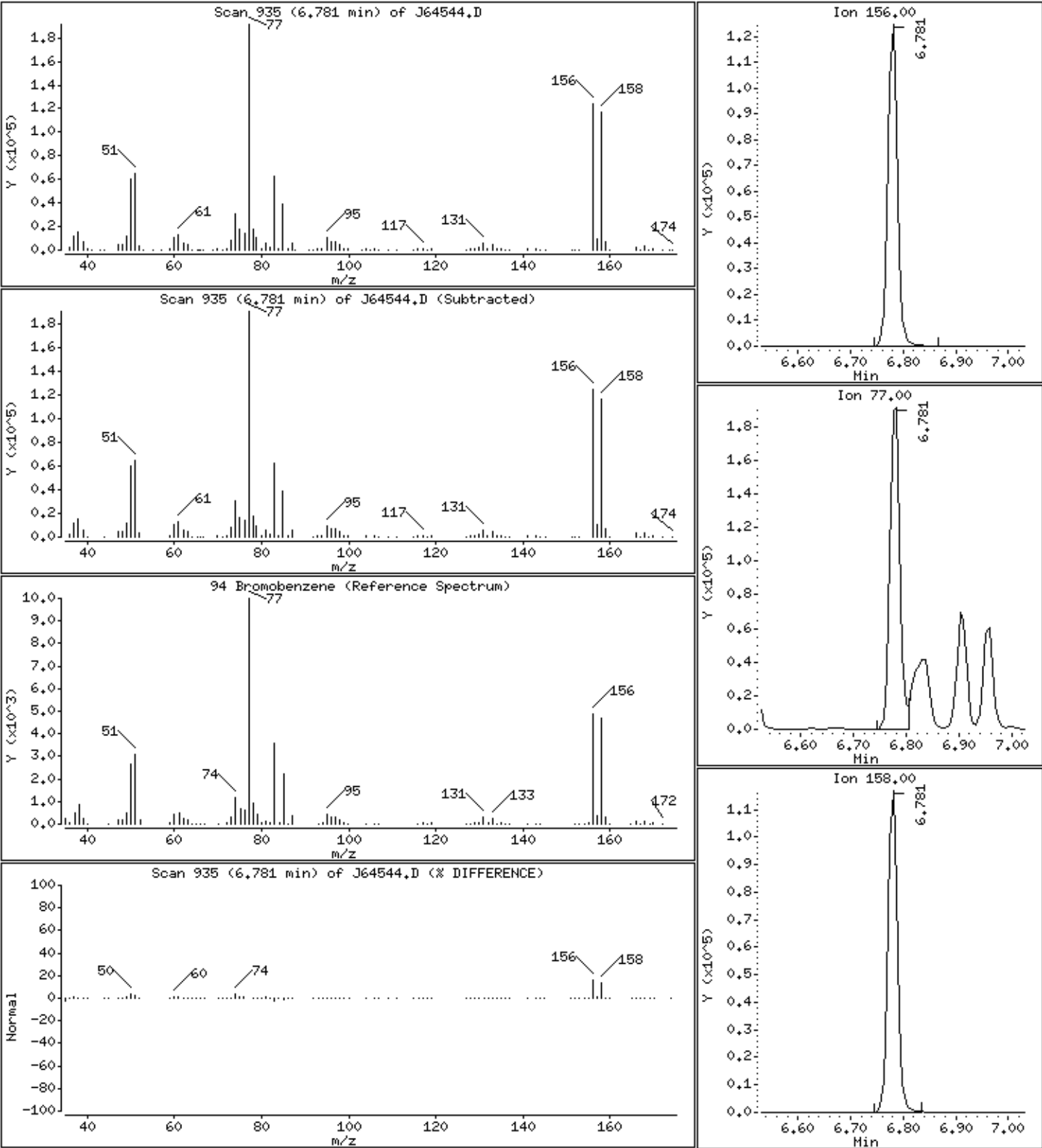


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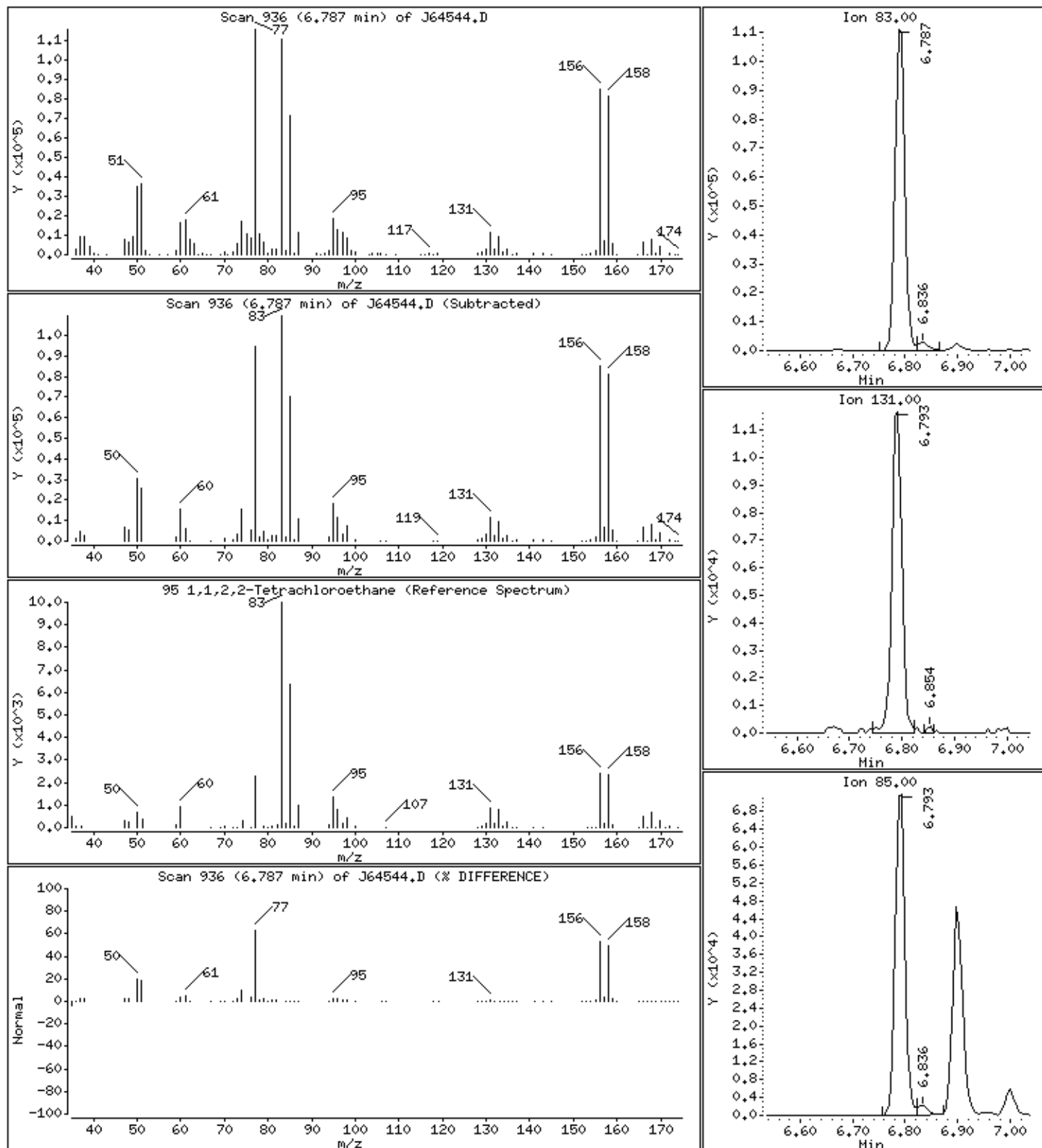


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

94 Bromobenzene
Concentration: 52.1 ug/L
Review Code:

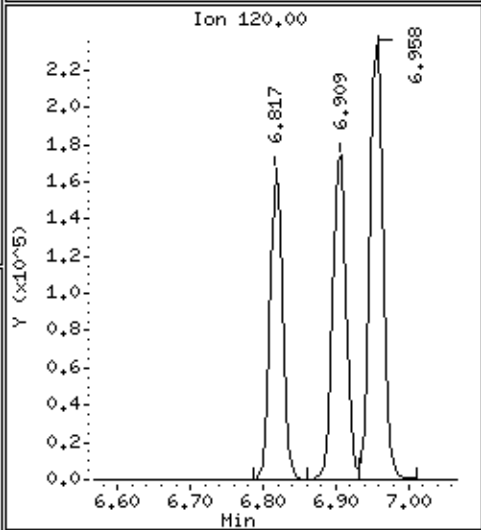
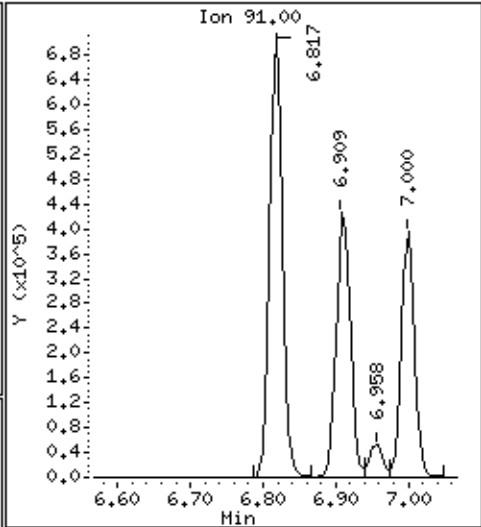
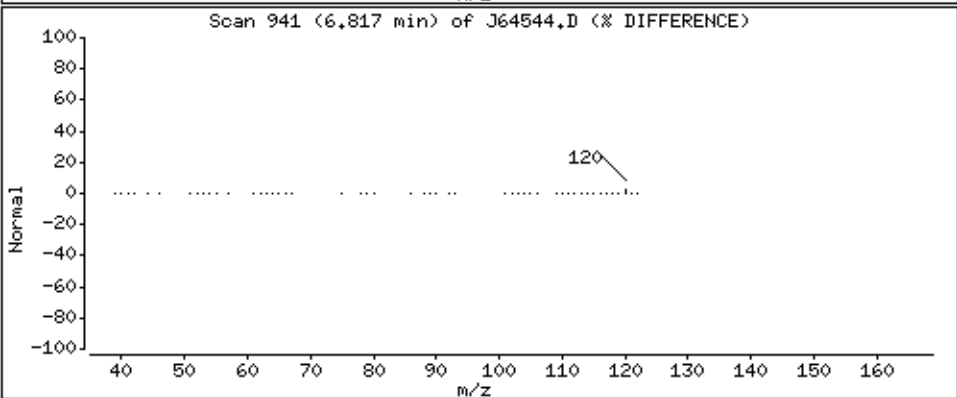
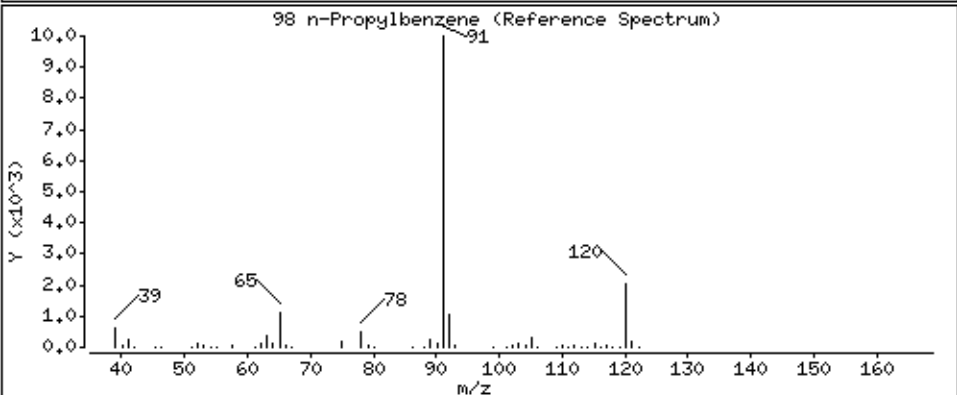
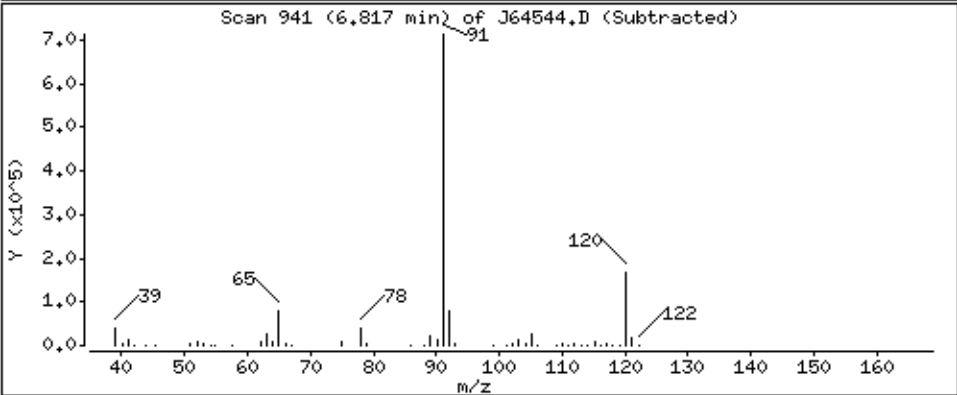
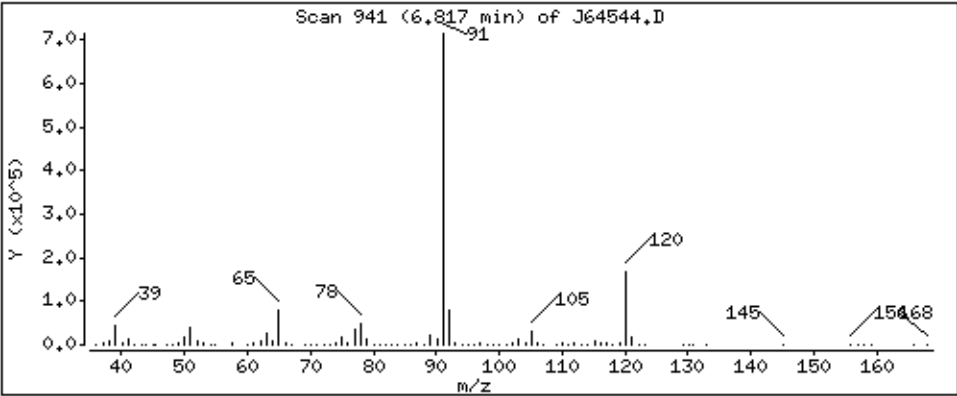


Review Code:

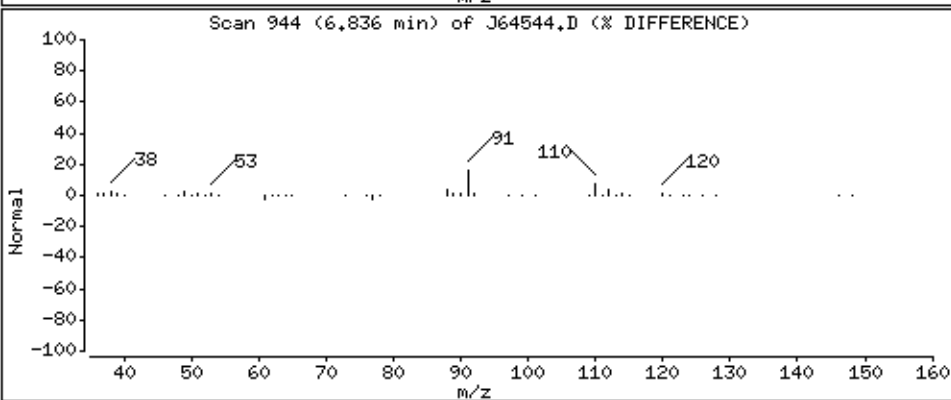
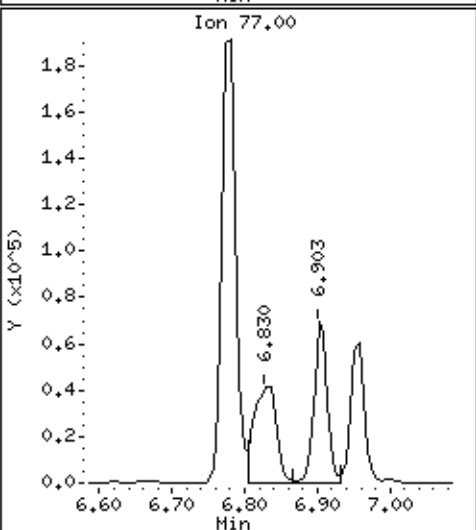
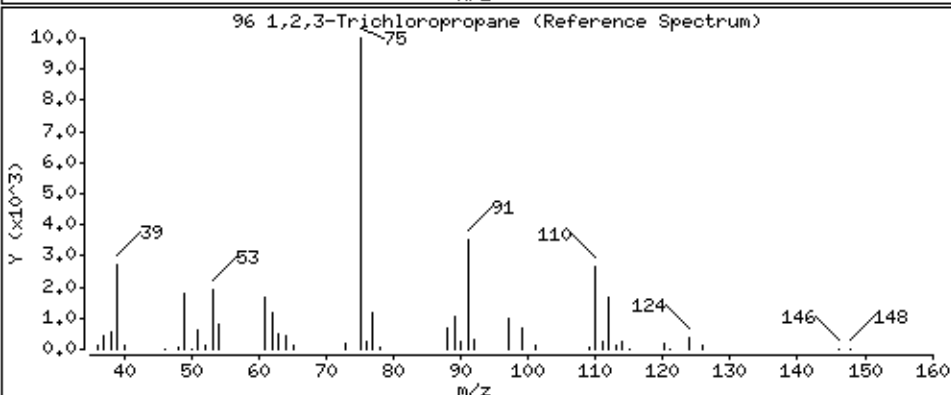
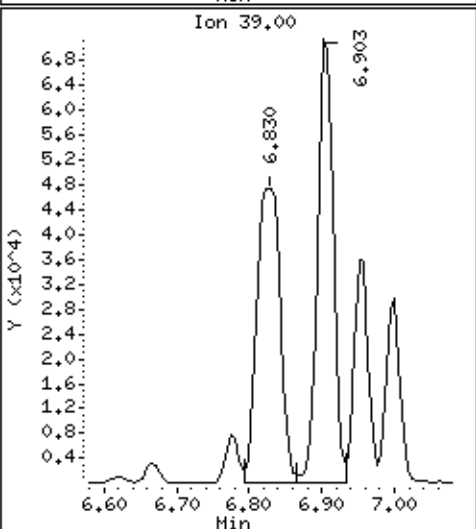
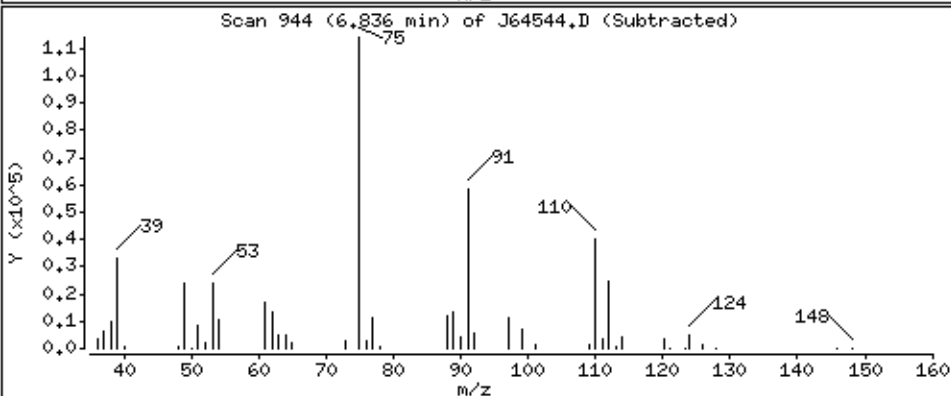
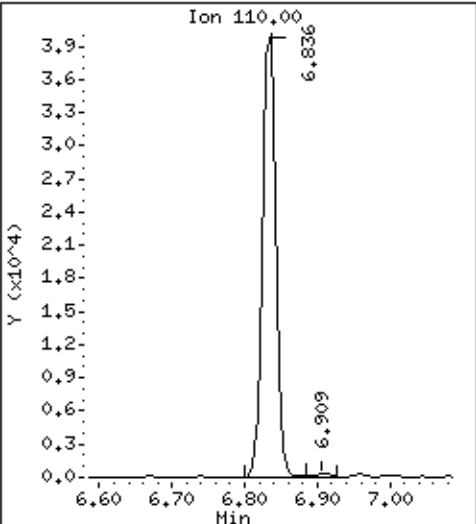
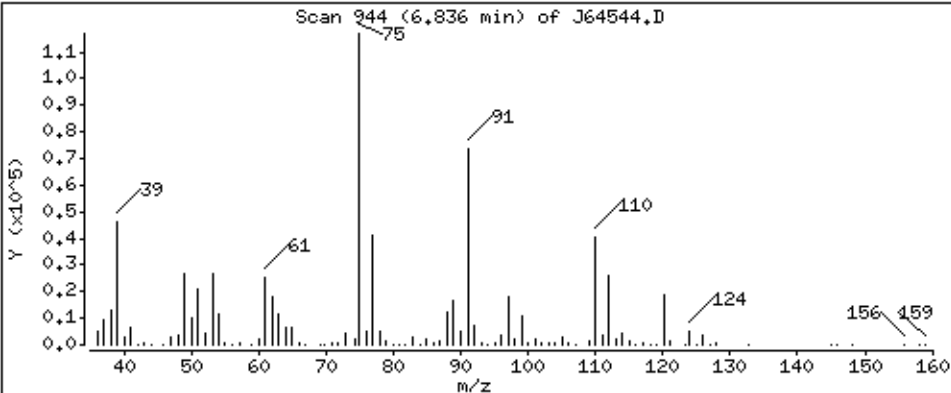


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

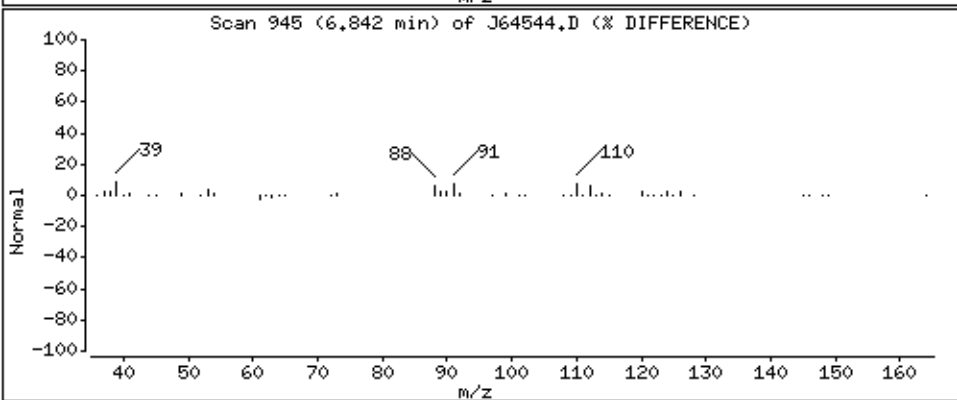
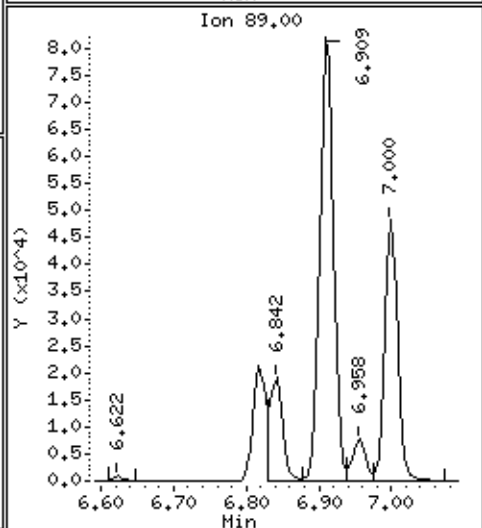
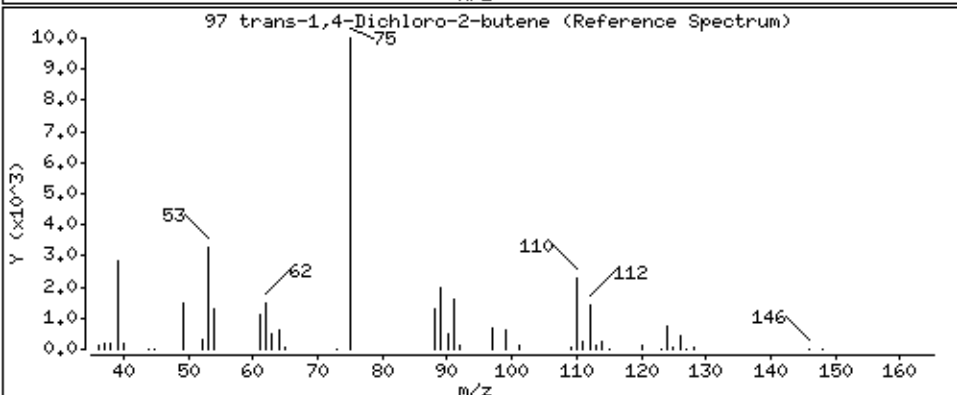
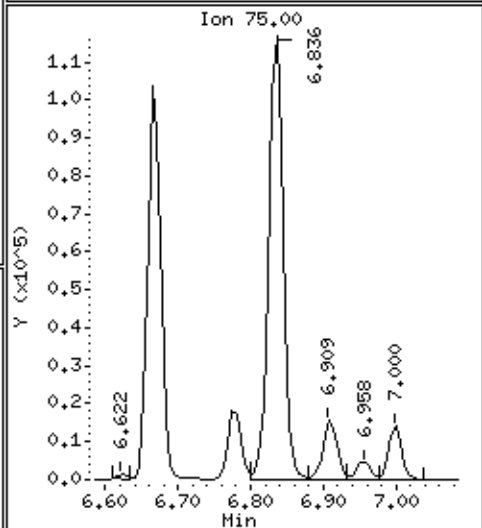
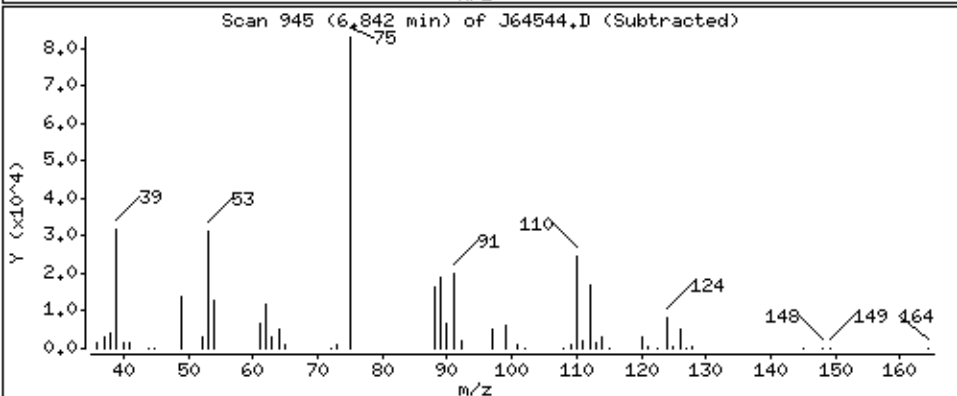
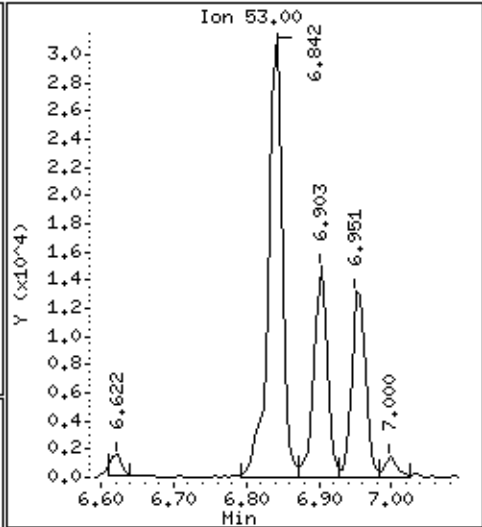
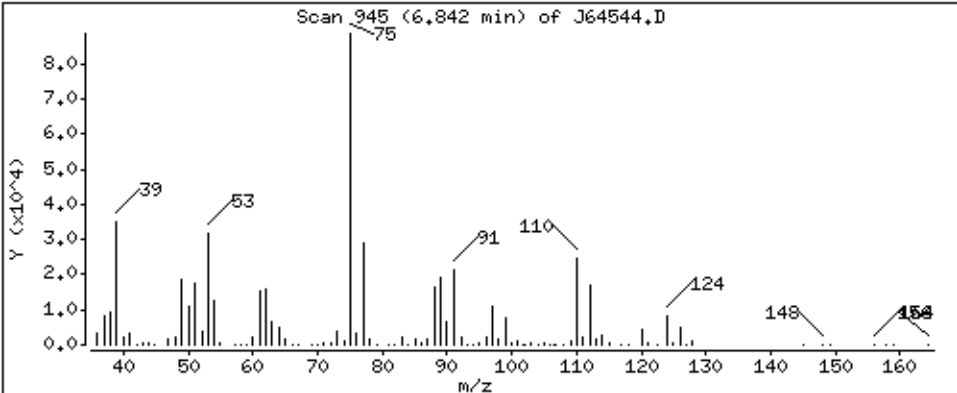
98 n-Propylbenzene Concentration: 54,2 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18
96 1,2,3-Trichloropropane
Concentration: 48.8 ug/L
Review Code:

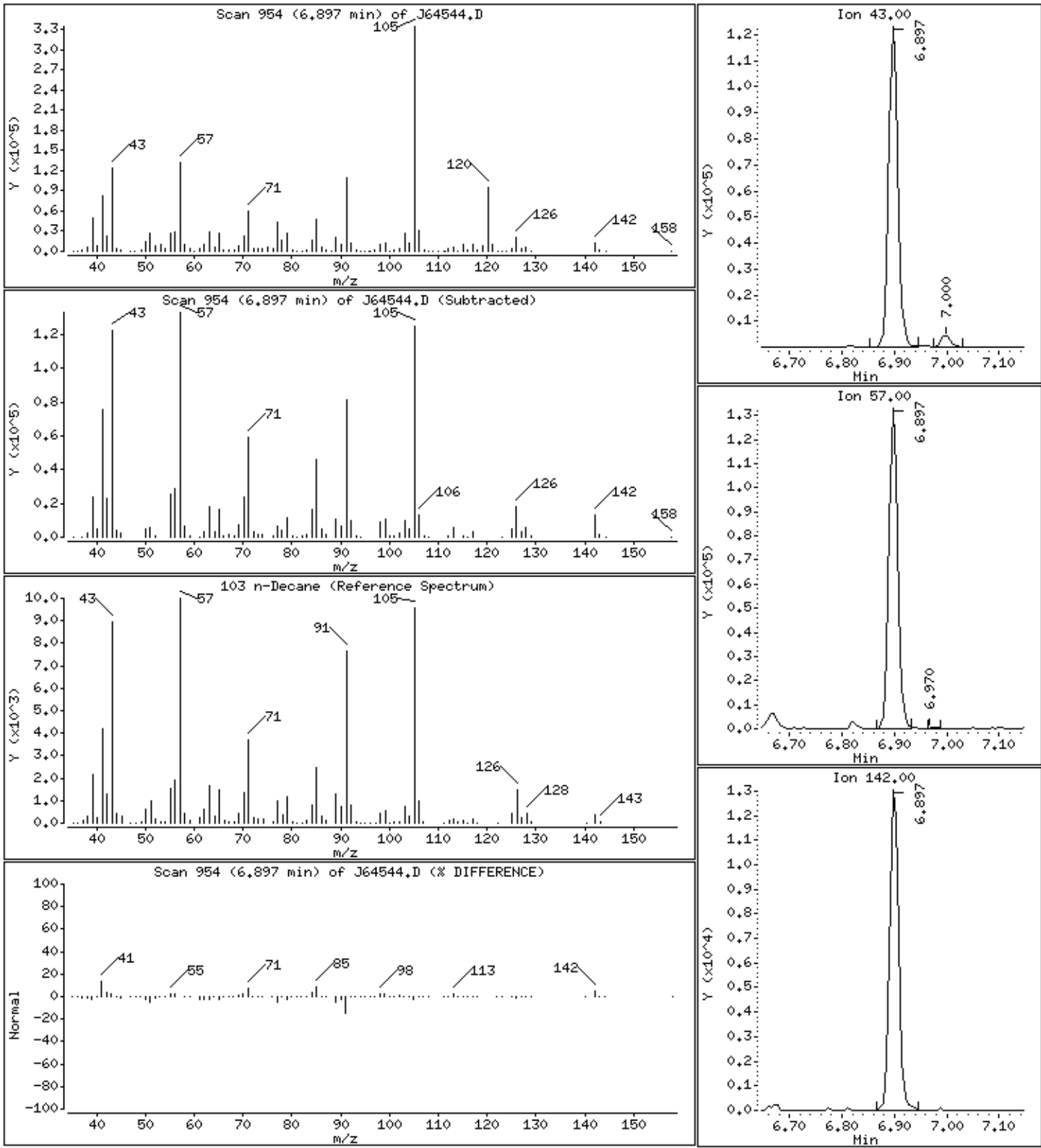


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 46.6 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

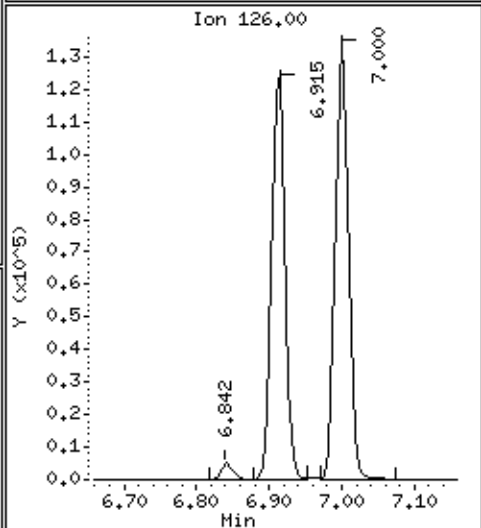
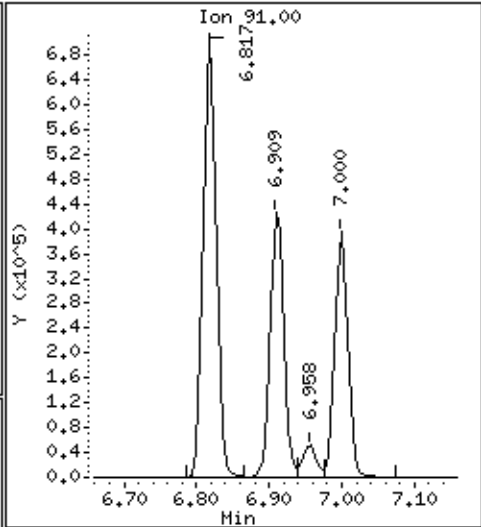
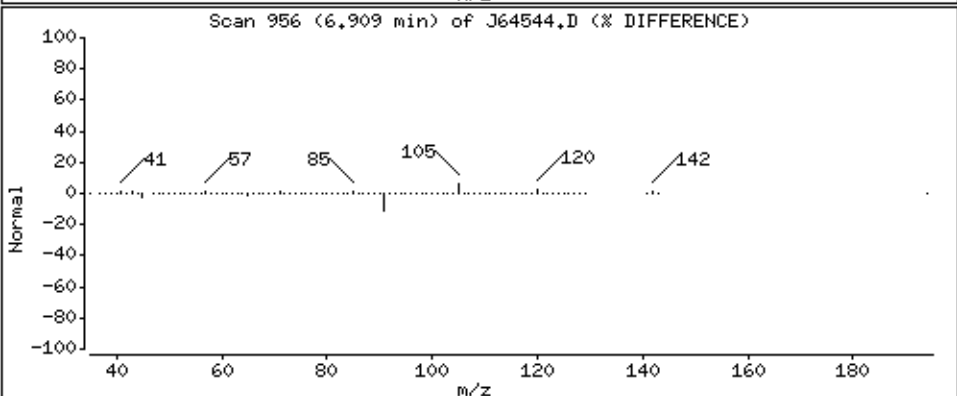
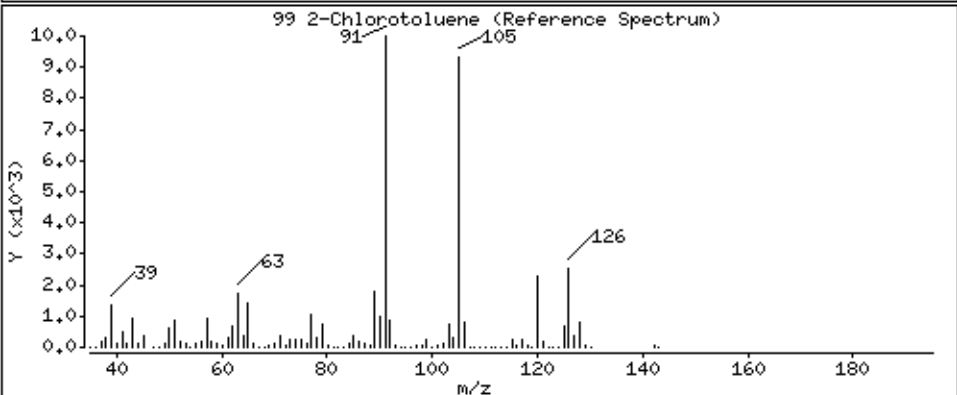
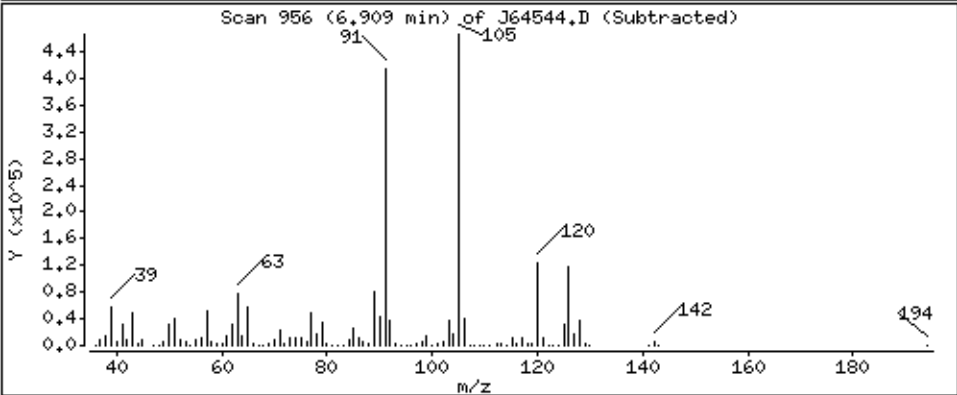
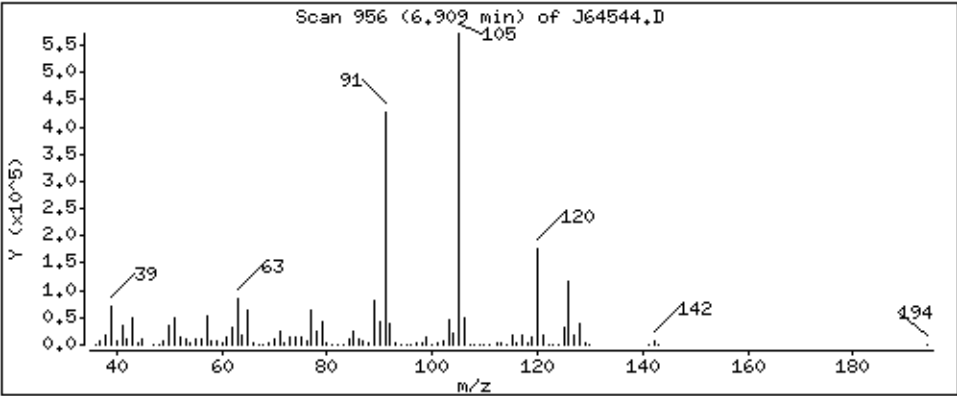
103 n-Decane
Concentration: 75,1 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 51.8 ug/L

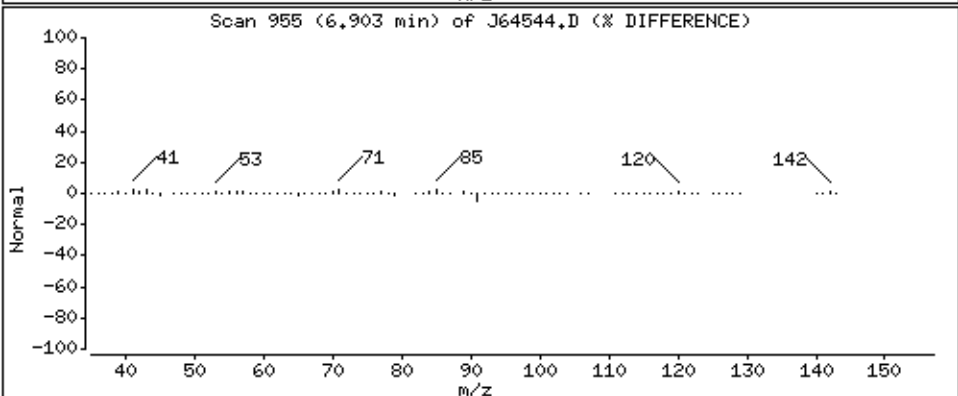
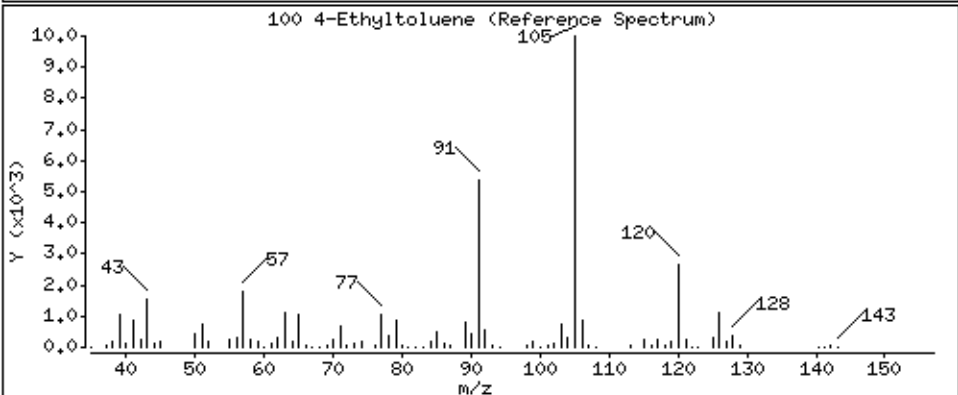
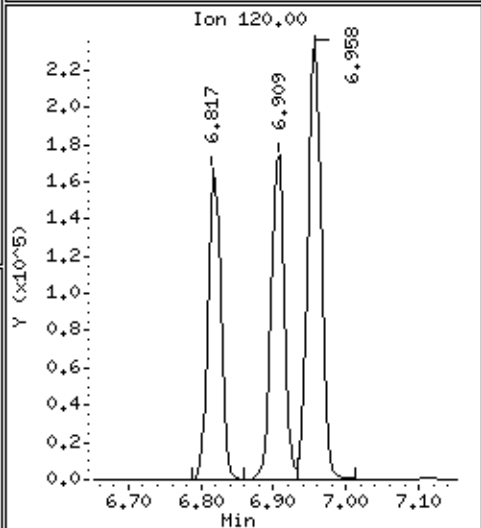
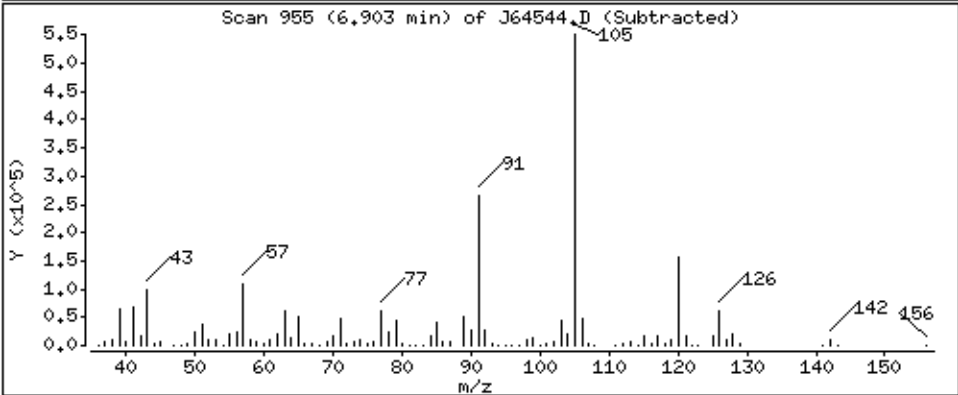
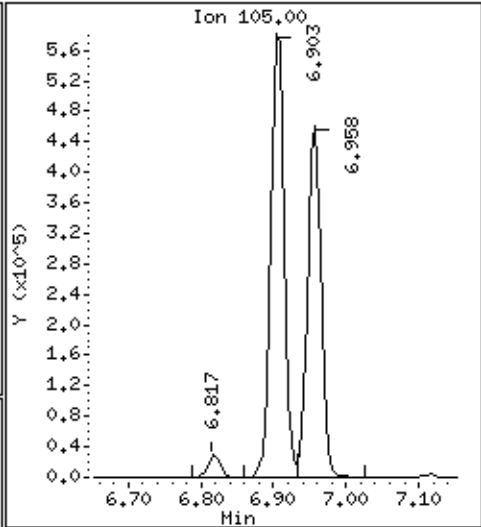
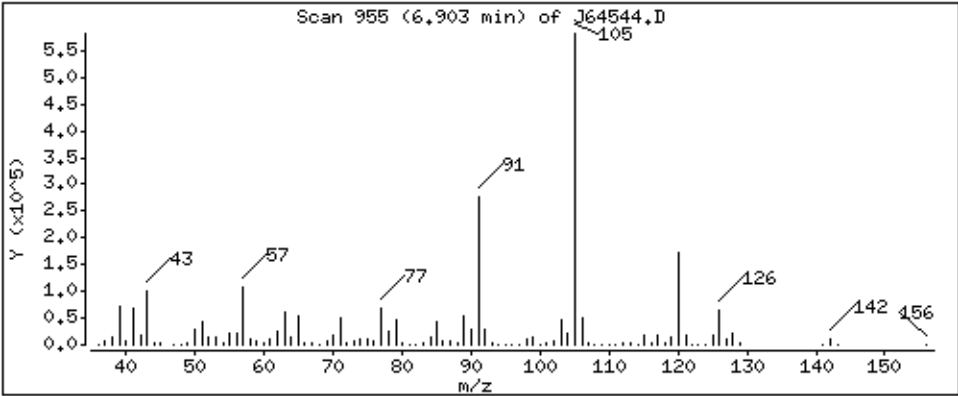
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

99 2-Chlorotoluene
Review Code:



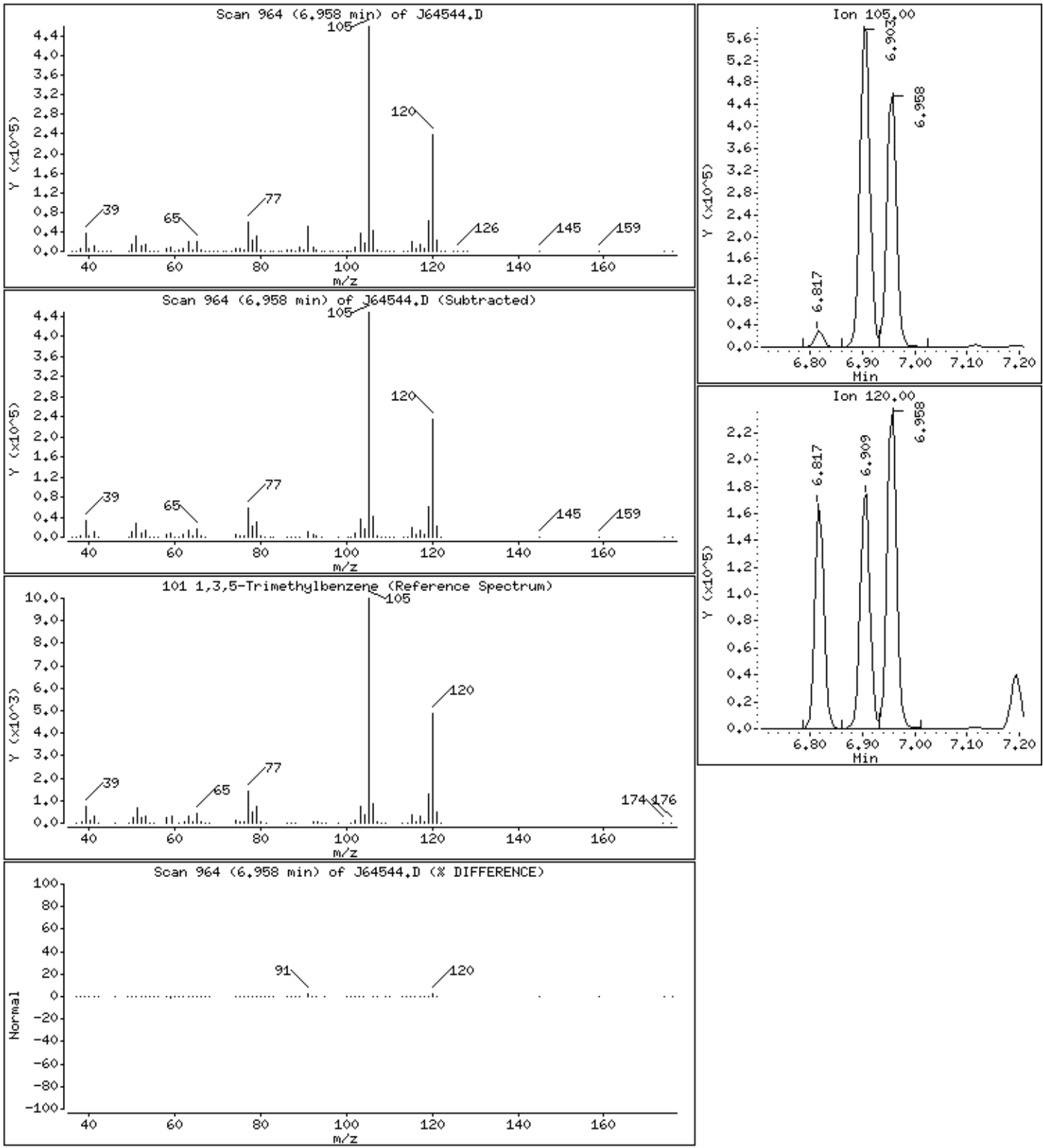
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

100 4-Ethyltoluene
Concentration: 55,3 ug/L
Review Code:



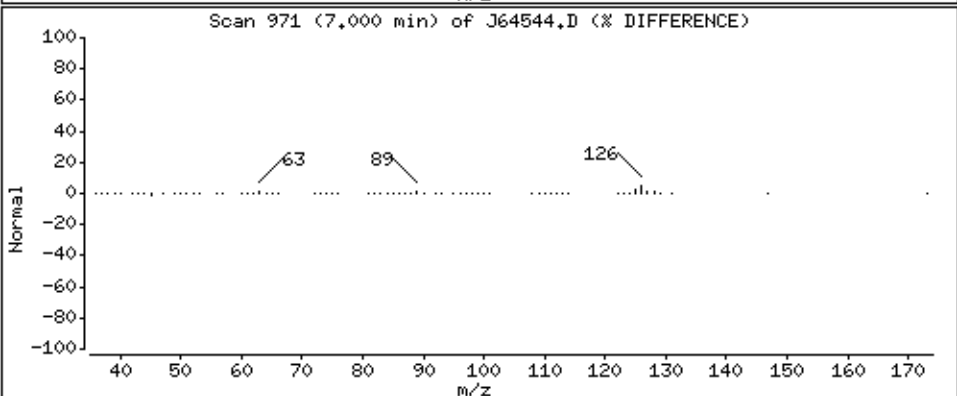
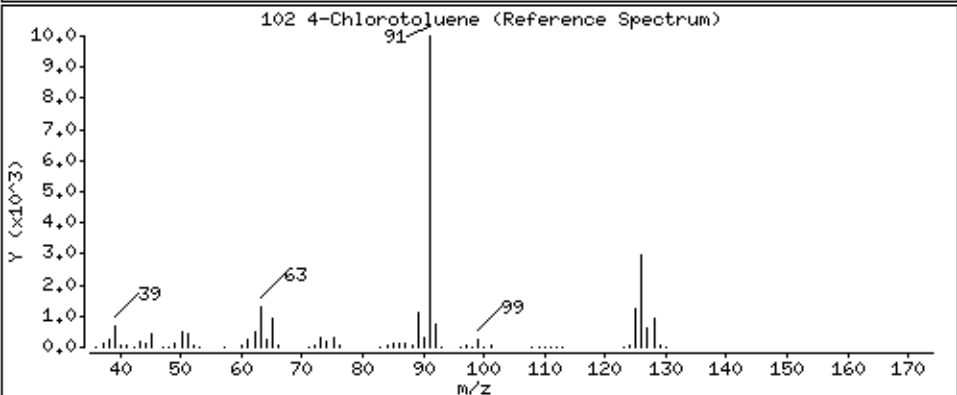
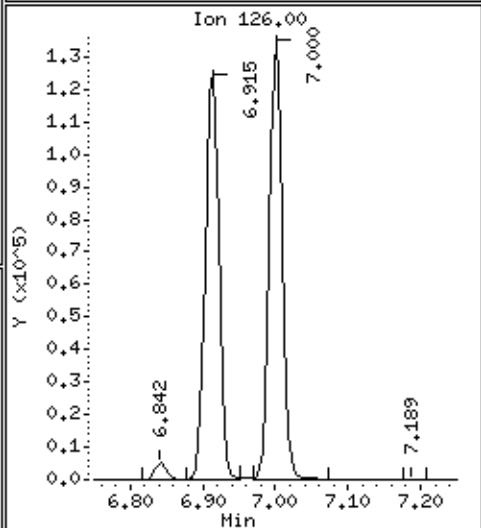
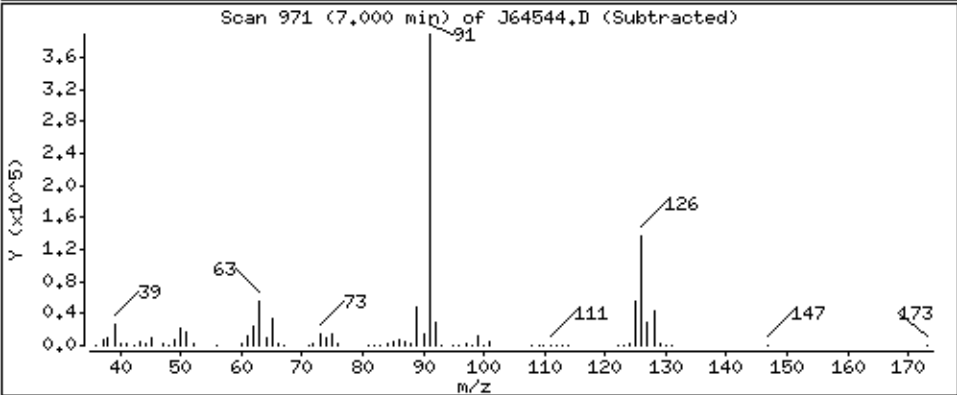
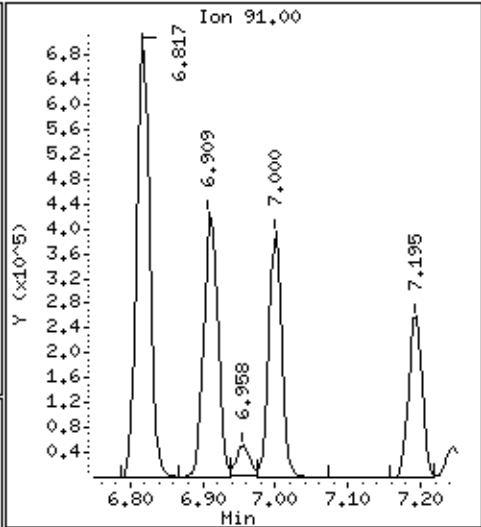
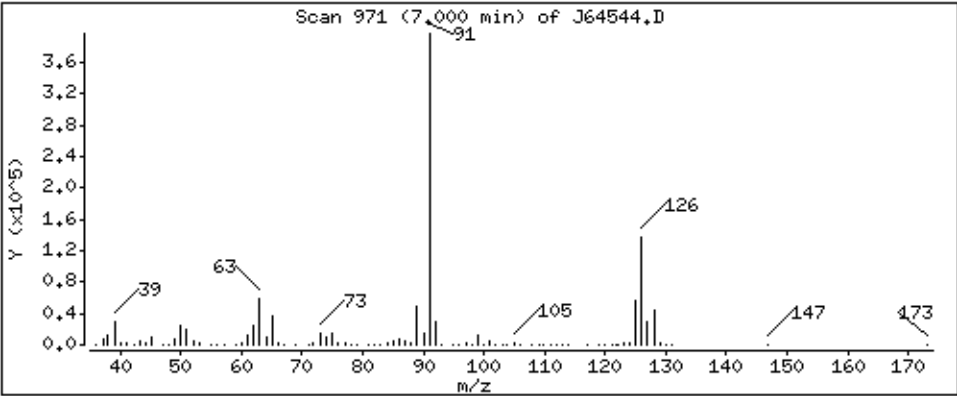
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

101 1,3,5-Trimethylbenzene Concentration: 52.8 ug/L Review Code:



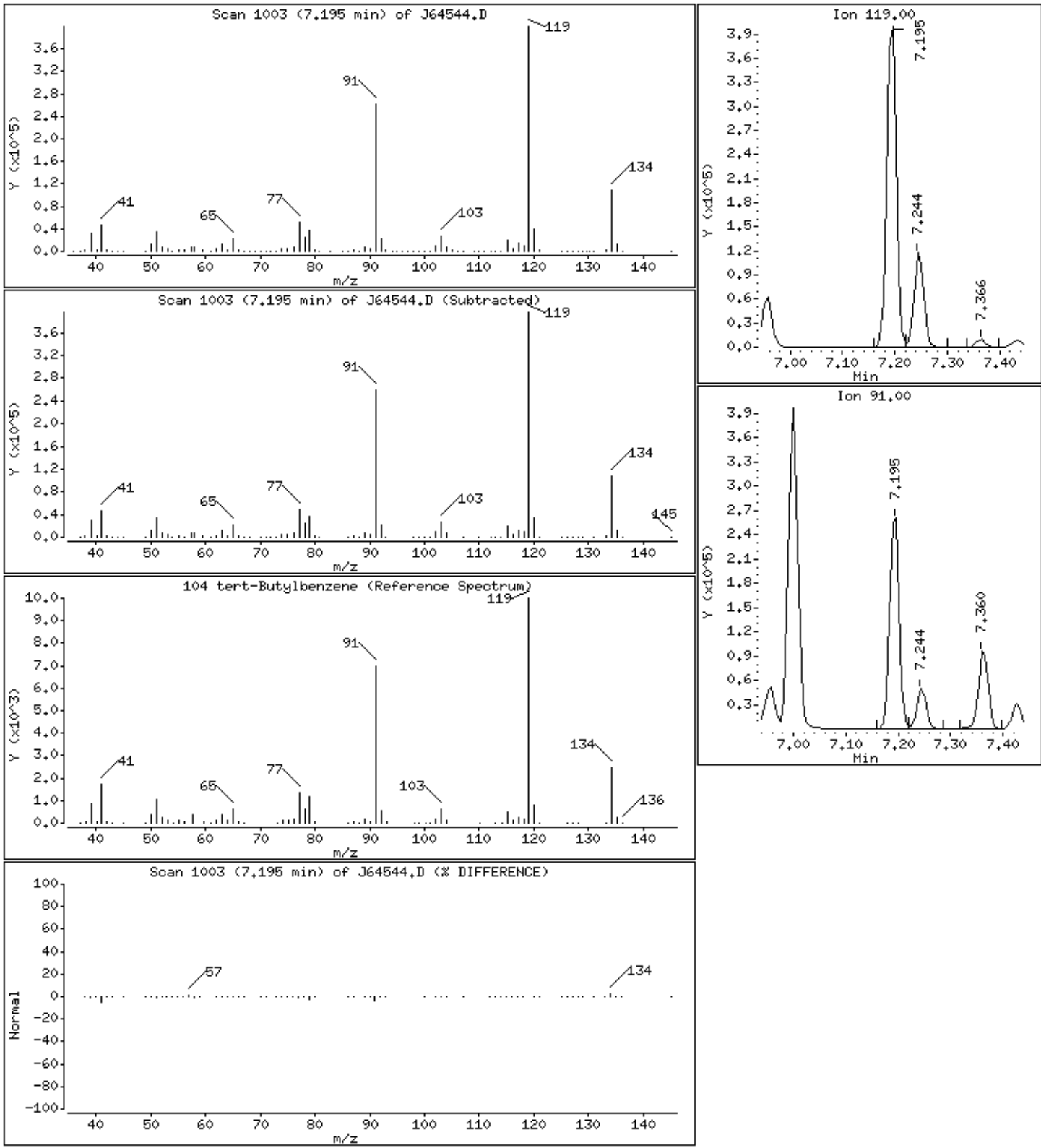
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

102 4-Chlorotoluene Concentration: 50.0 ug/L Review Code:

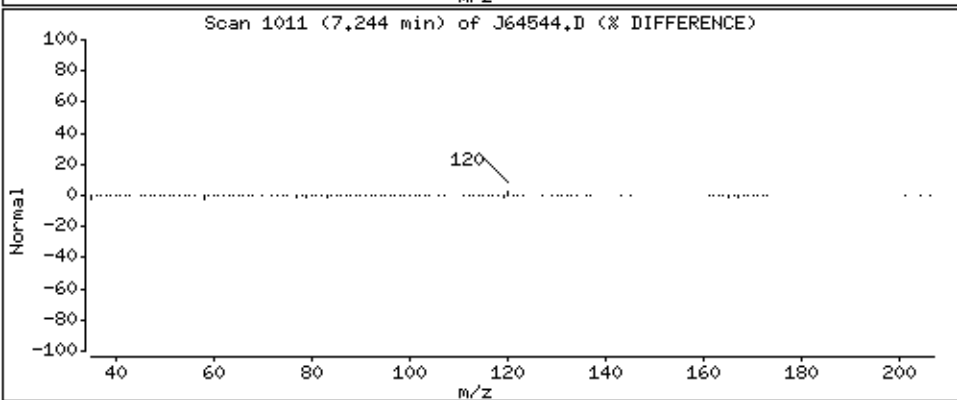
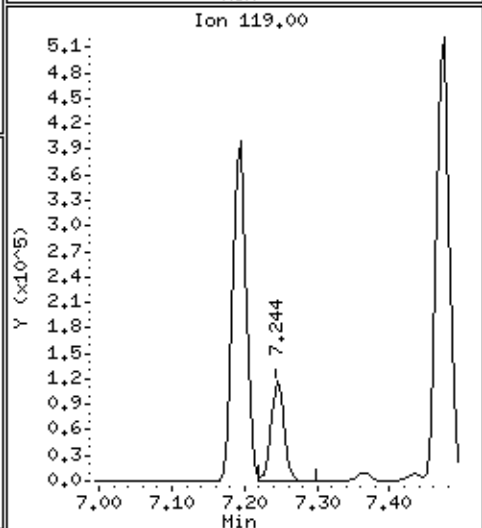
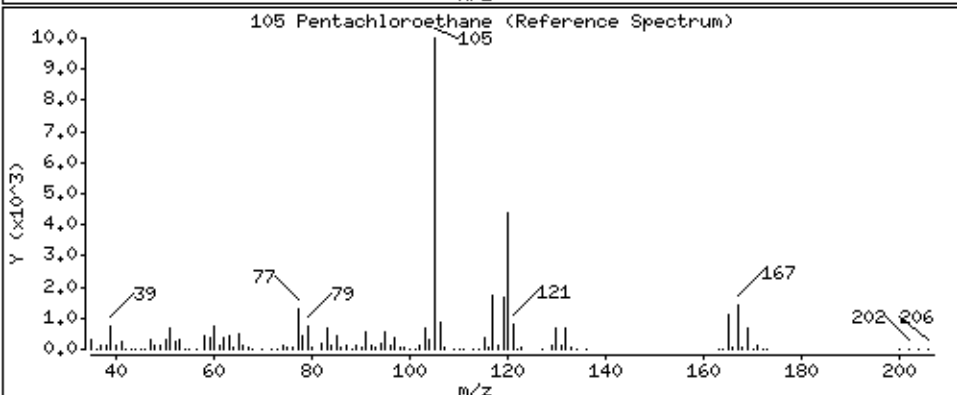
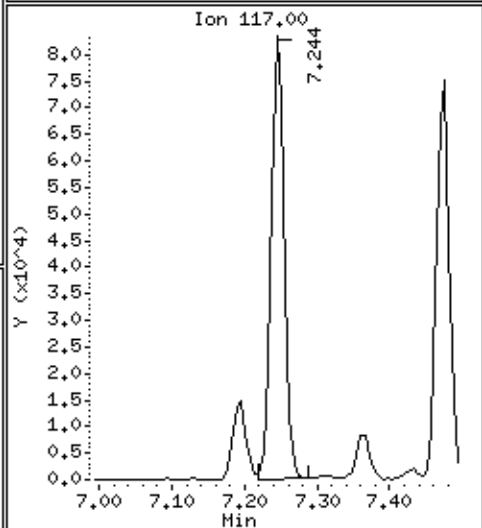
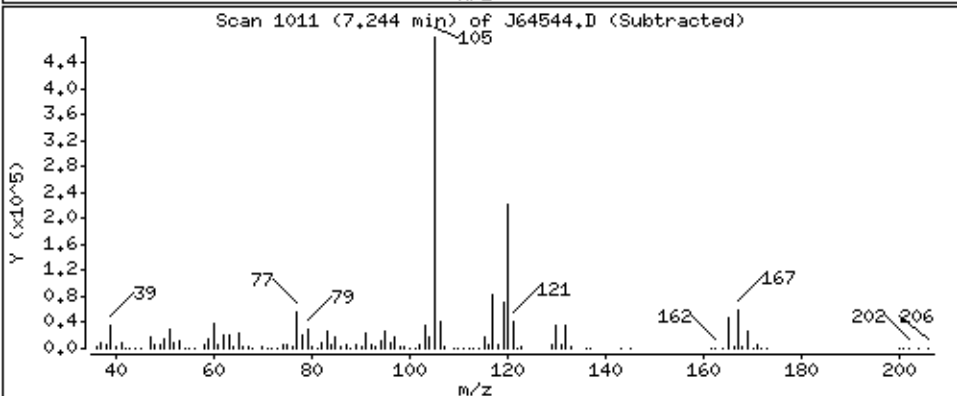
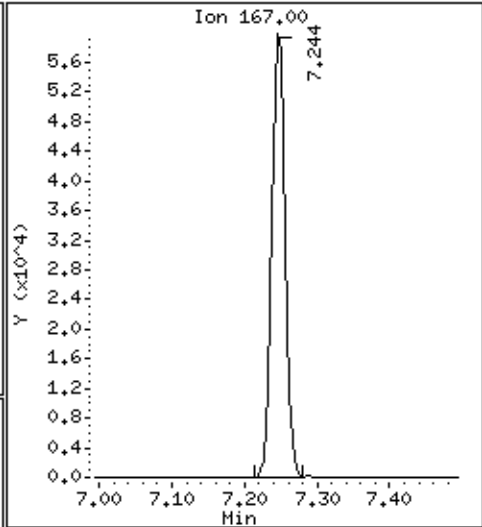
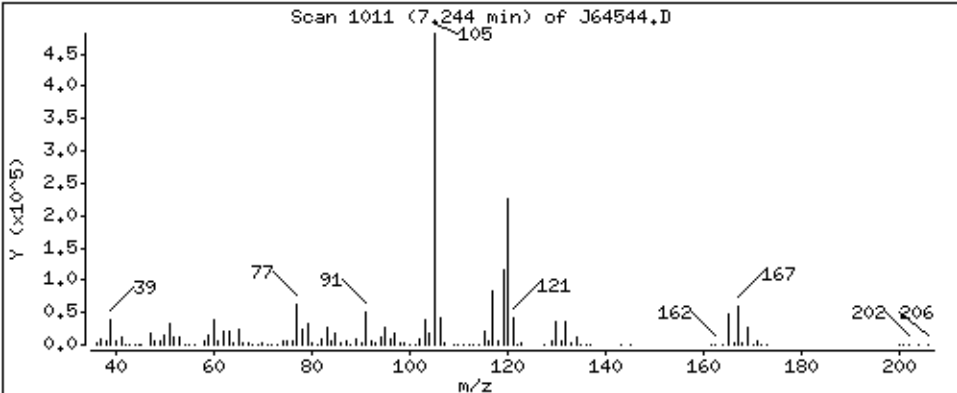


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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

104 tert-Butylbenzene Concentration: 53,8 ug/L Review Code:

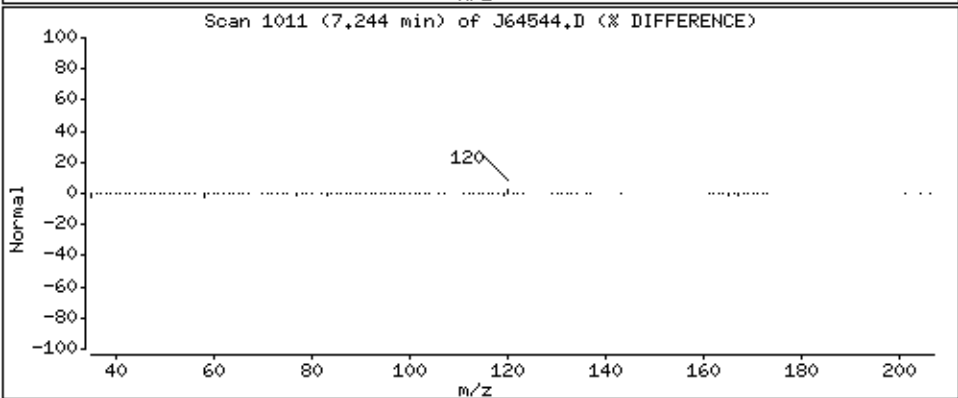
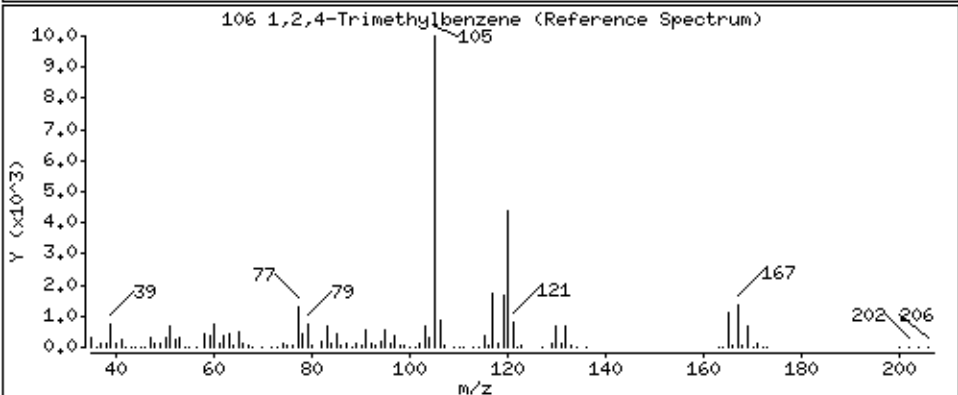
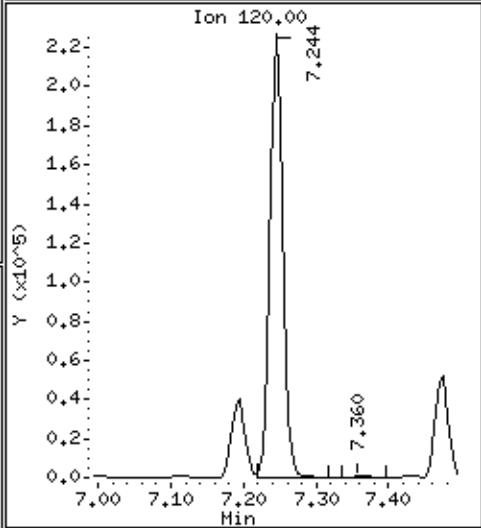
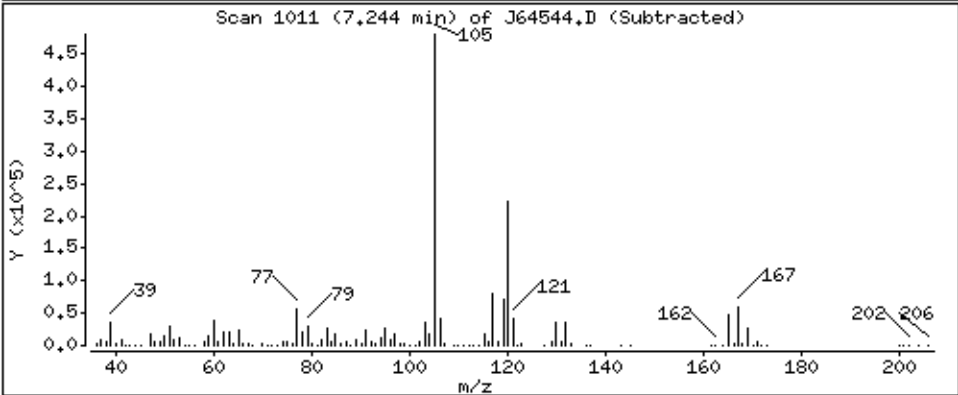
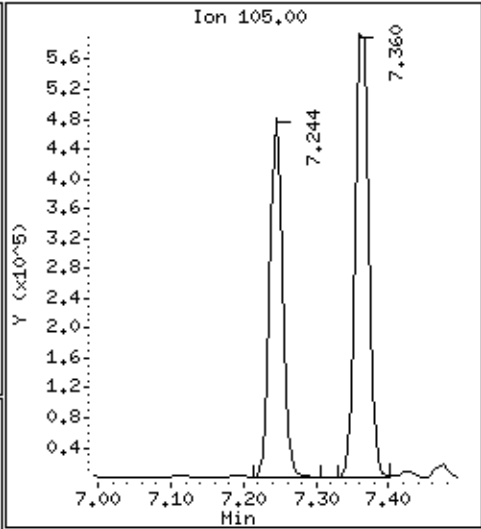
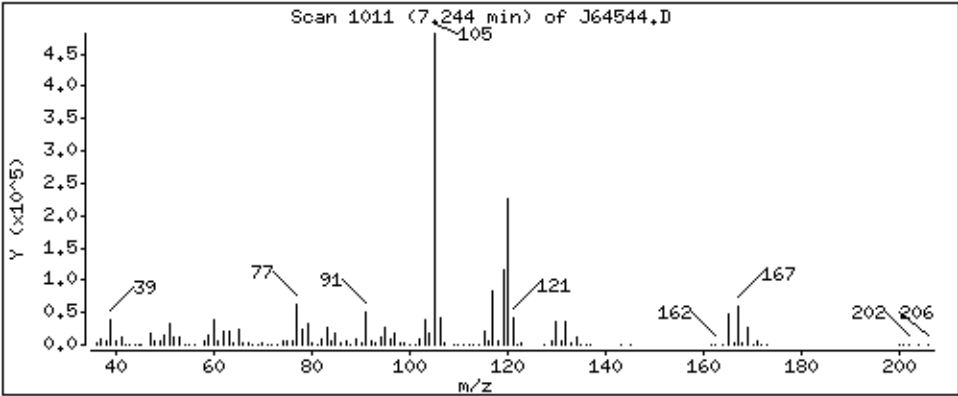


Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Concentration: 51.3 ug/L
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18
Review Code:



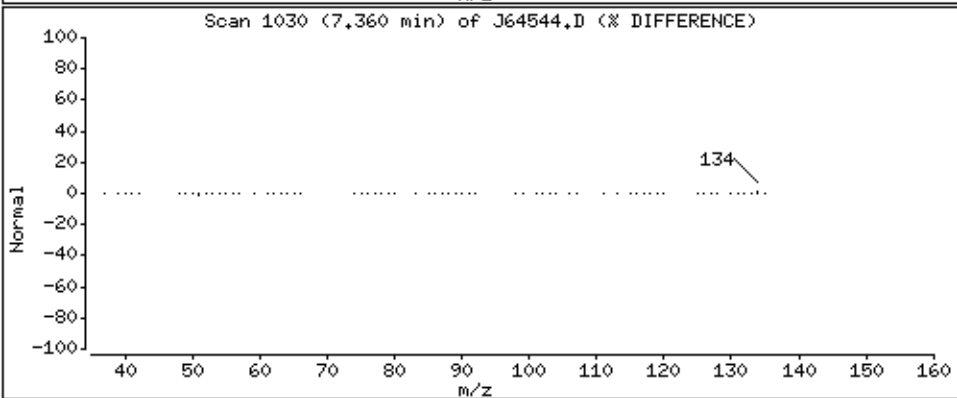
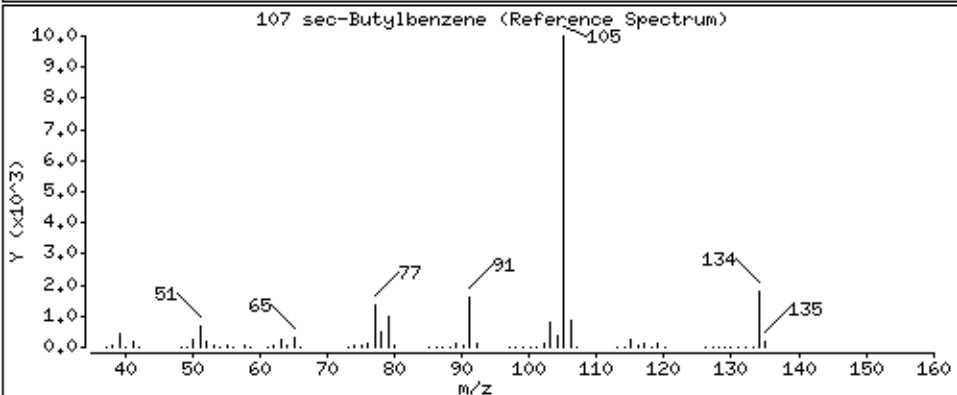
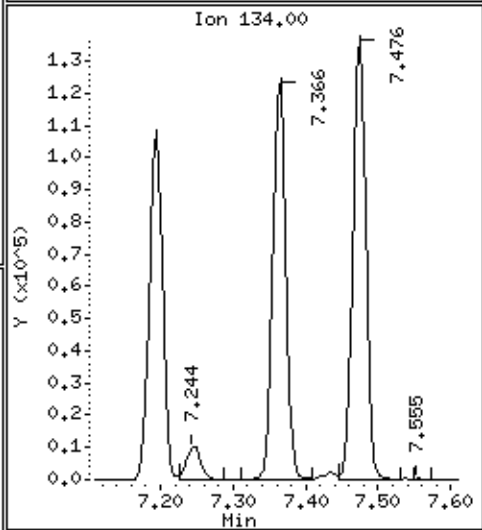
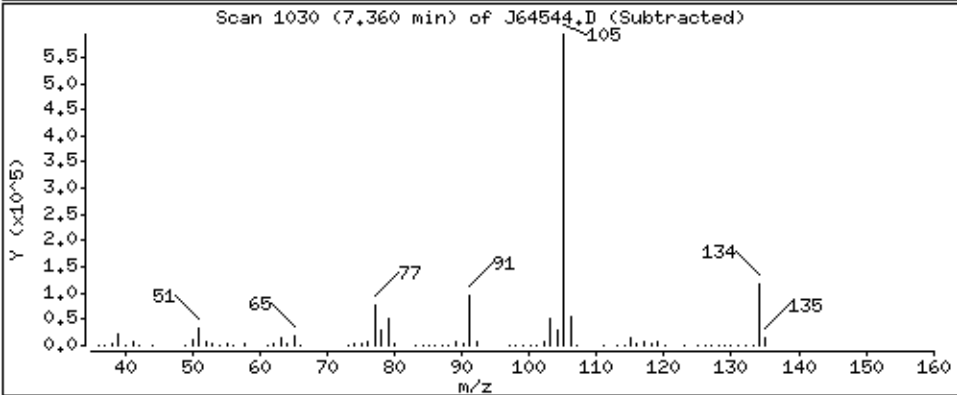
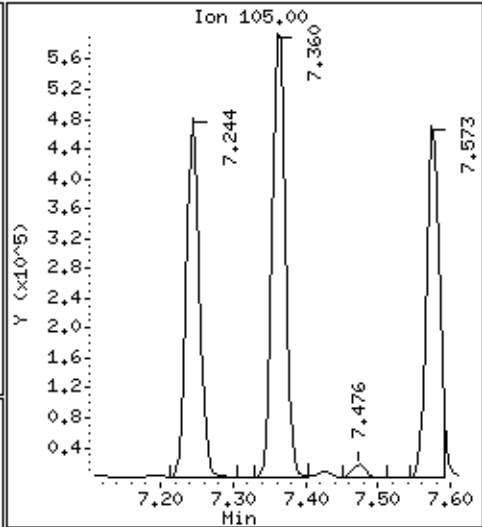
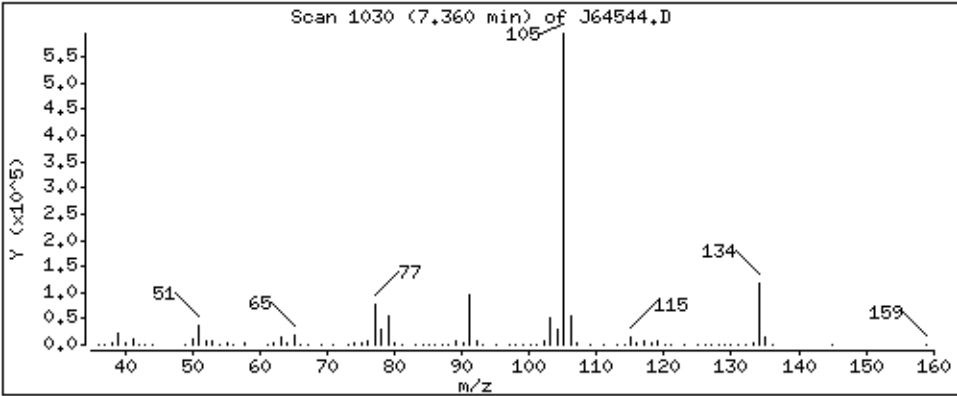
Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

106 1,2,4-Trimethylbenzene Concentration: 55,1 ug/L Review Code:



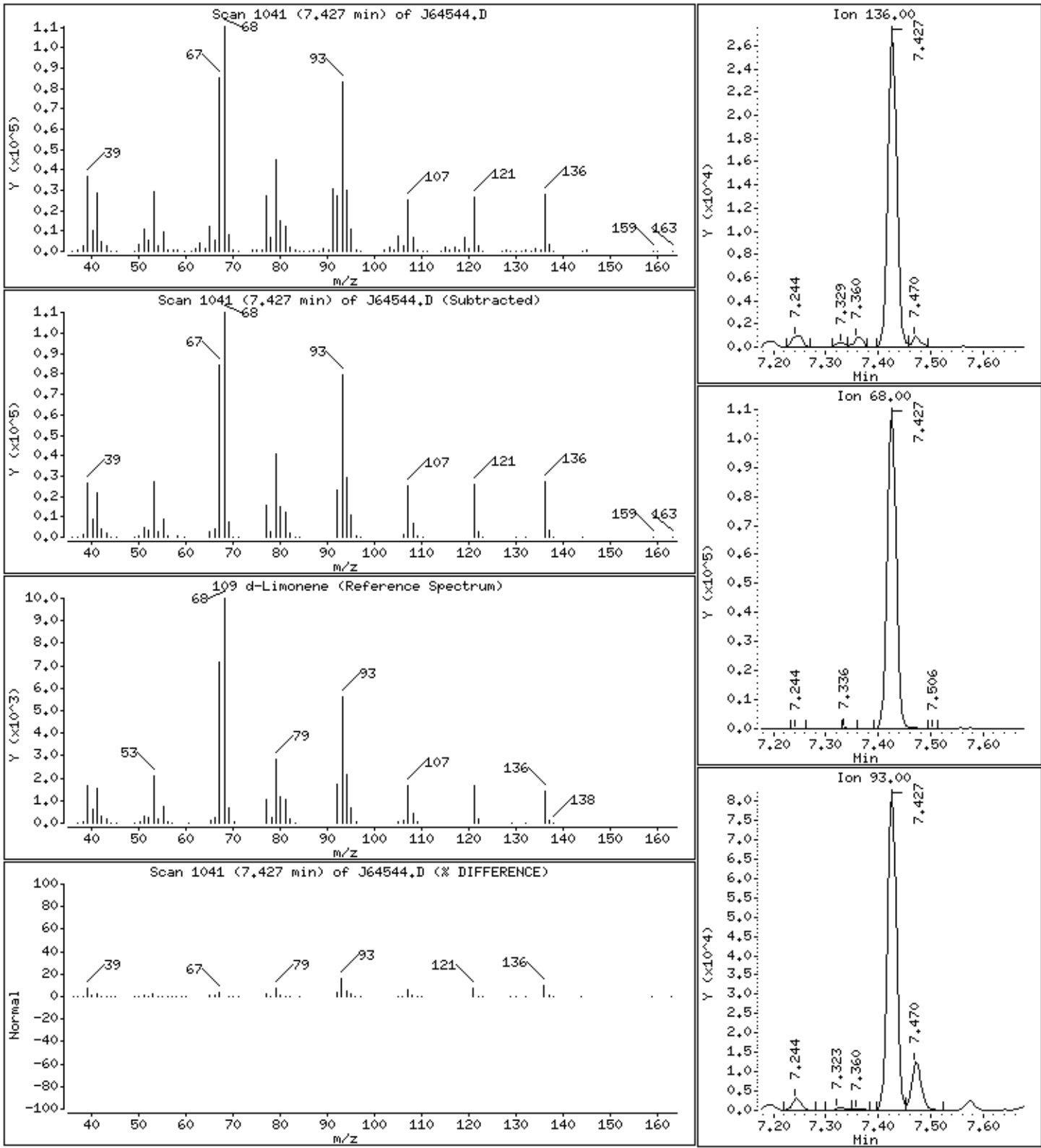
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

107 sec-Butylbenzene Concentration: 56,0 ug/L Review Code:



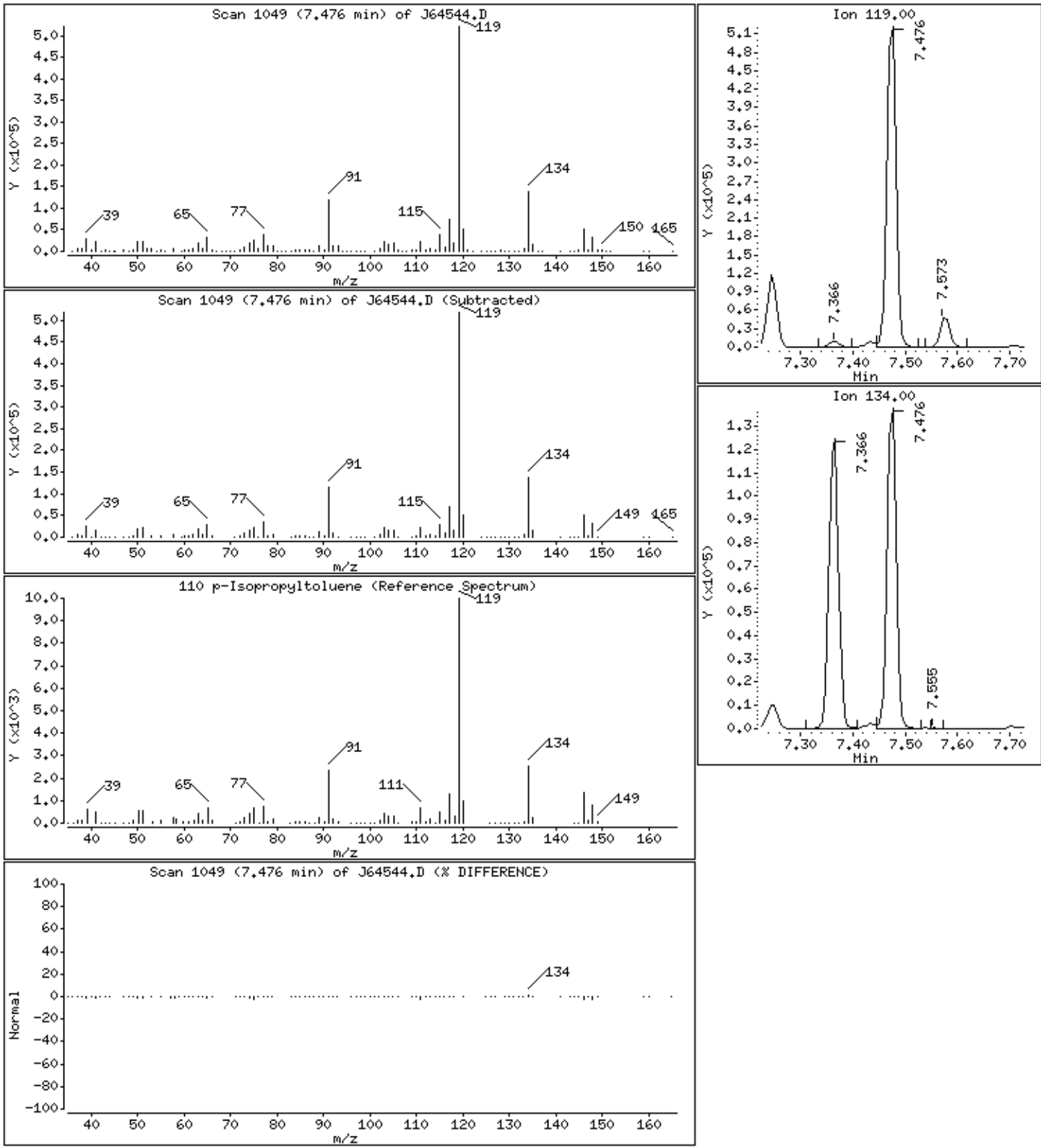
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

109 d-Limonene
Concentration: 51.3 ug/L
Review Code:



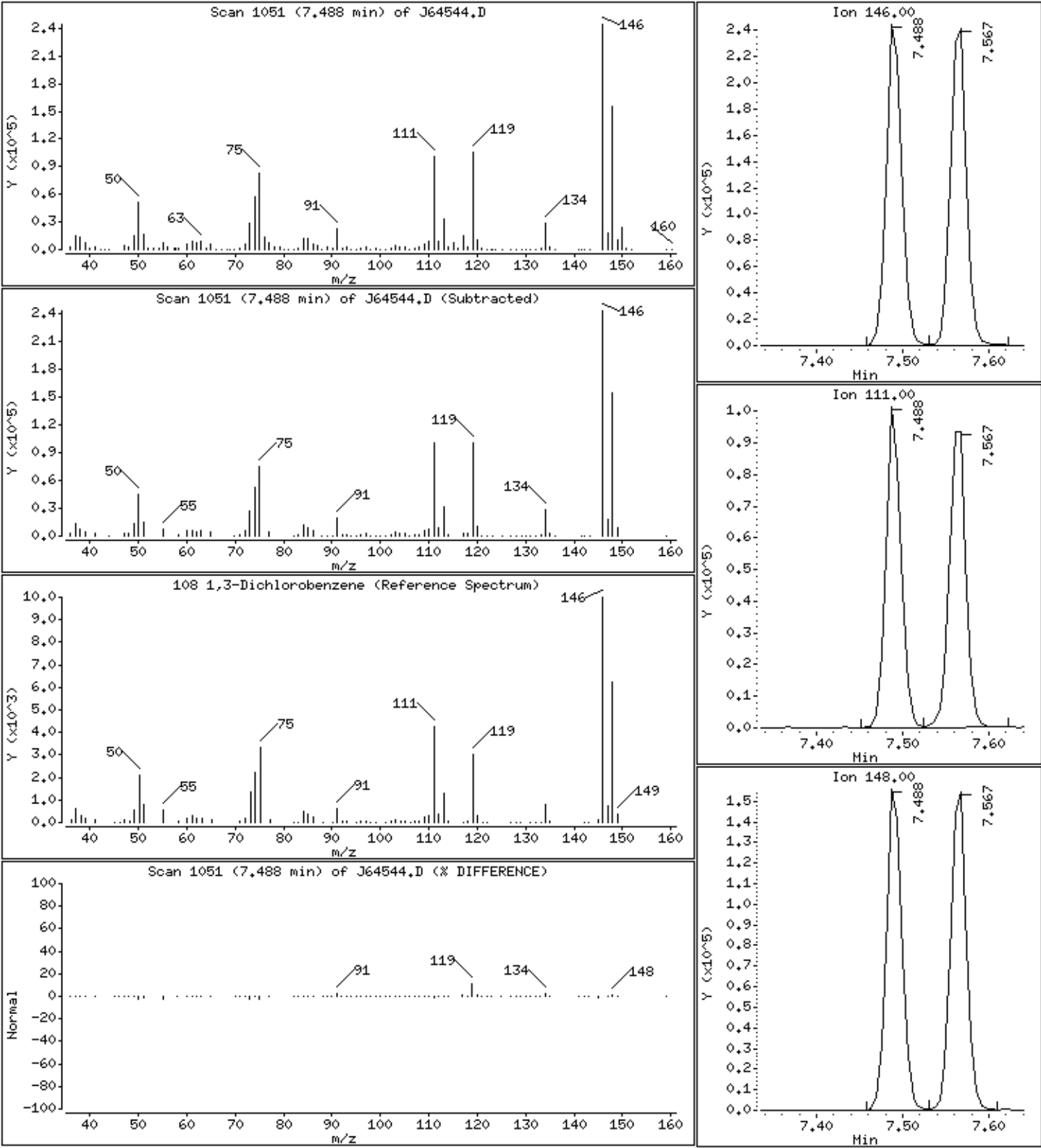
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

110 p-Isopropyltoluene Concentration: 57.1 ug/L Review Code:



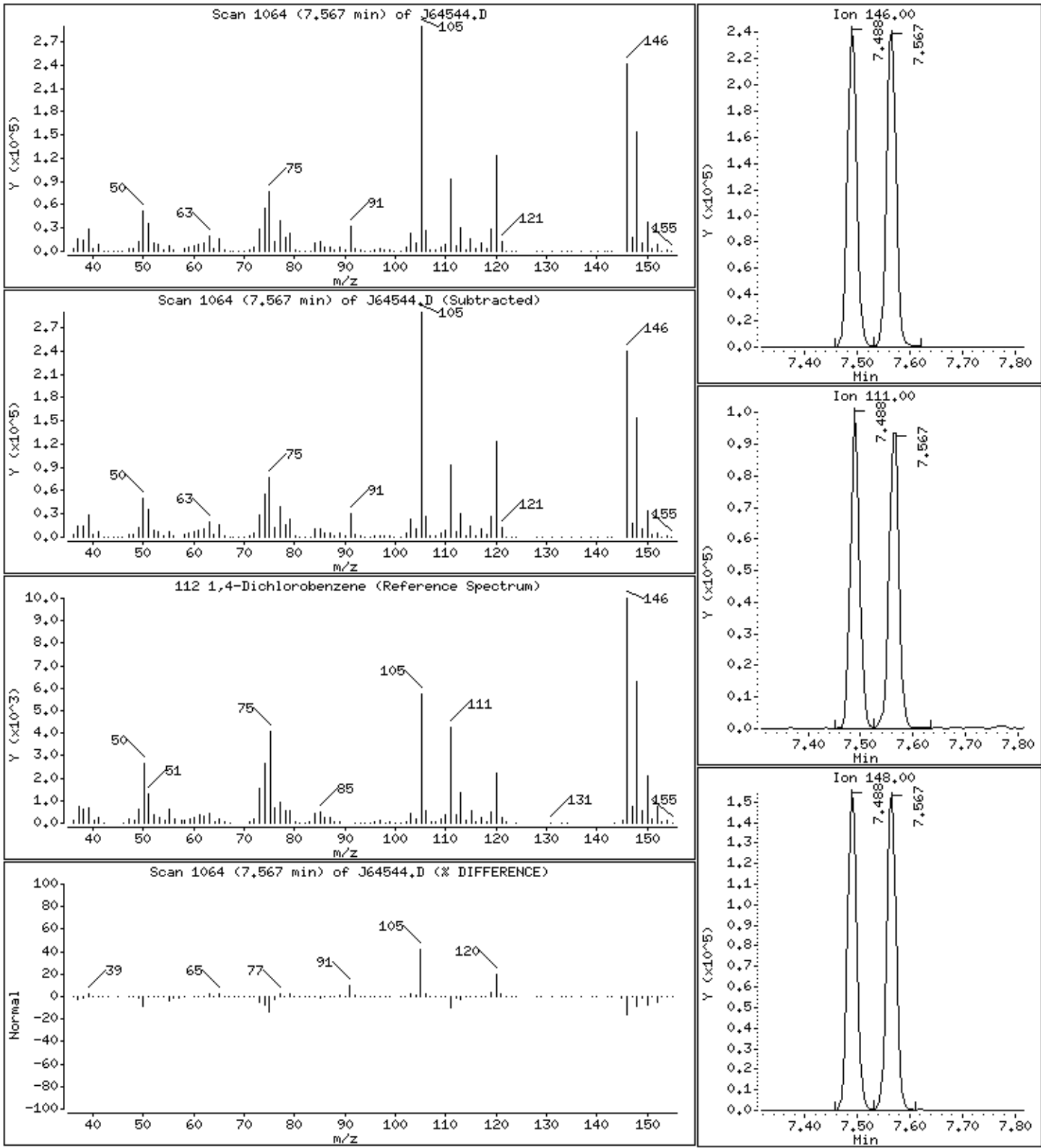
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

108 1,3-Dichlorobenzene Concentration: 56,0 ug/L Review Code:



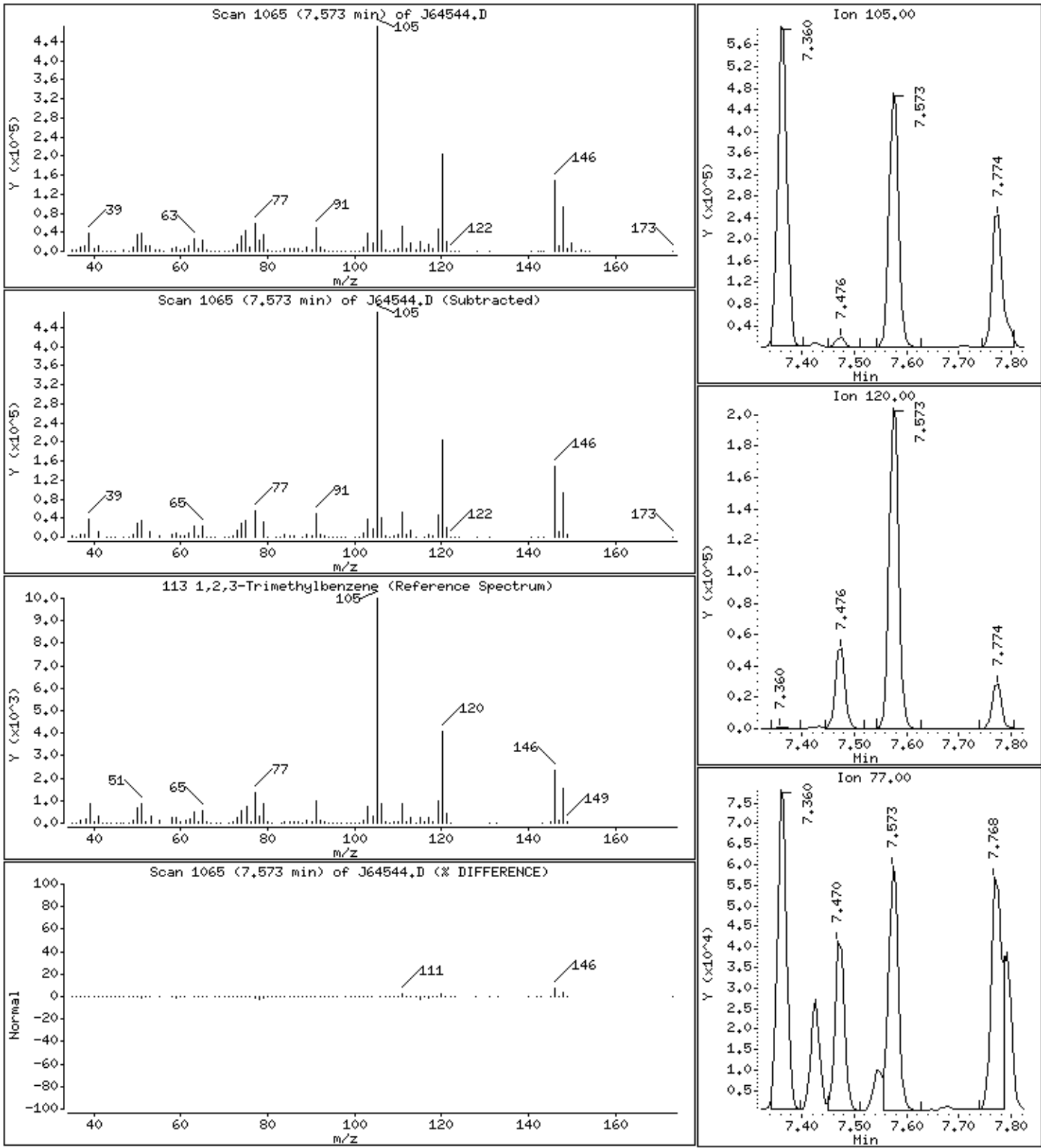
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

112 1,4-Dichlorobenzene Concentration: 55.9 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

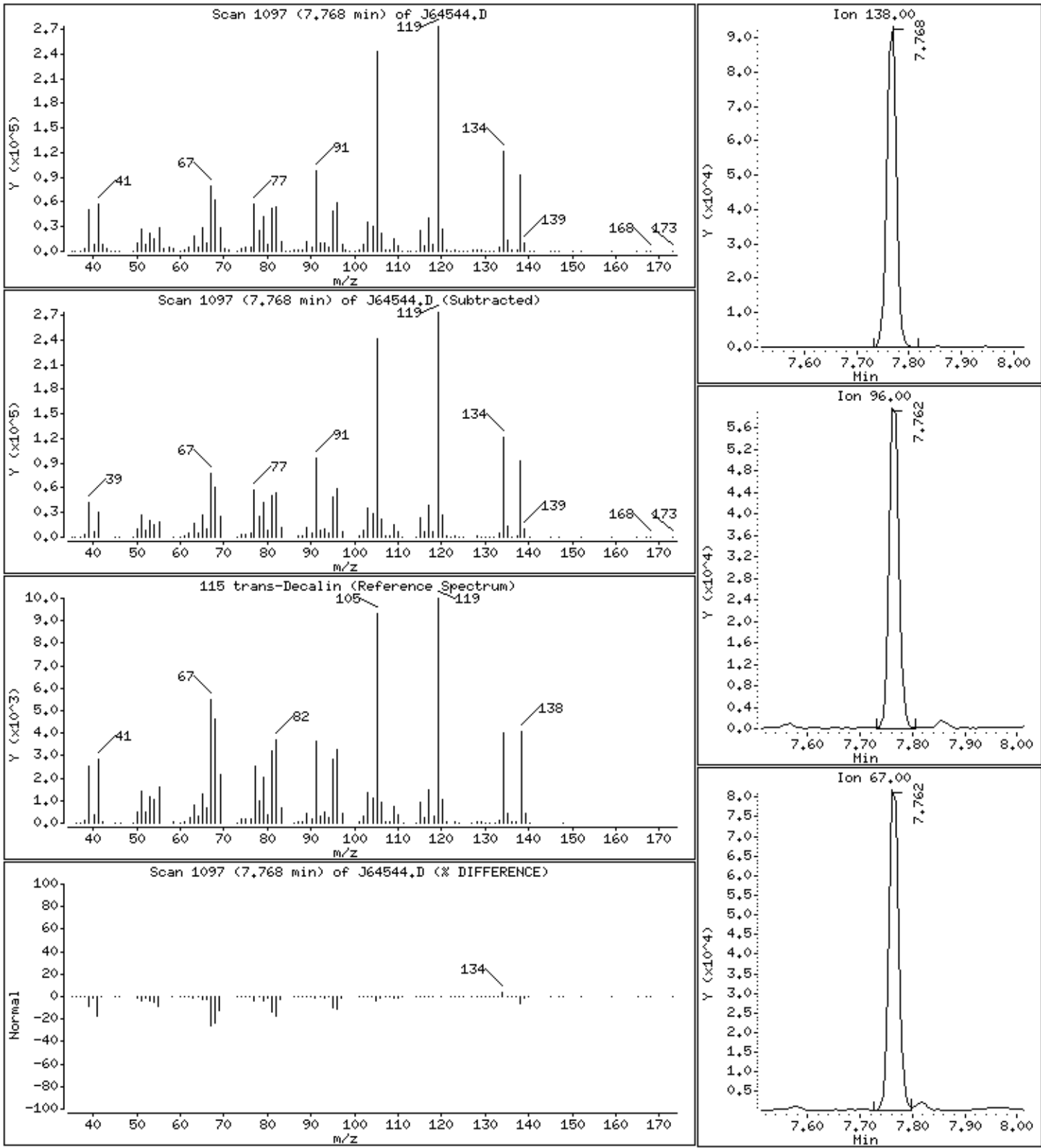
113 1,2,3-Trimethylbenzene Concentration: 55.0 ug/L Review Code:



Review Code:

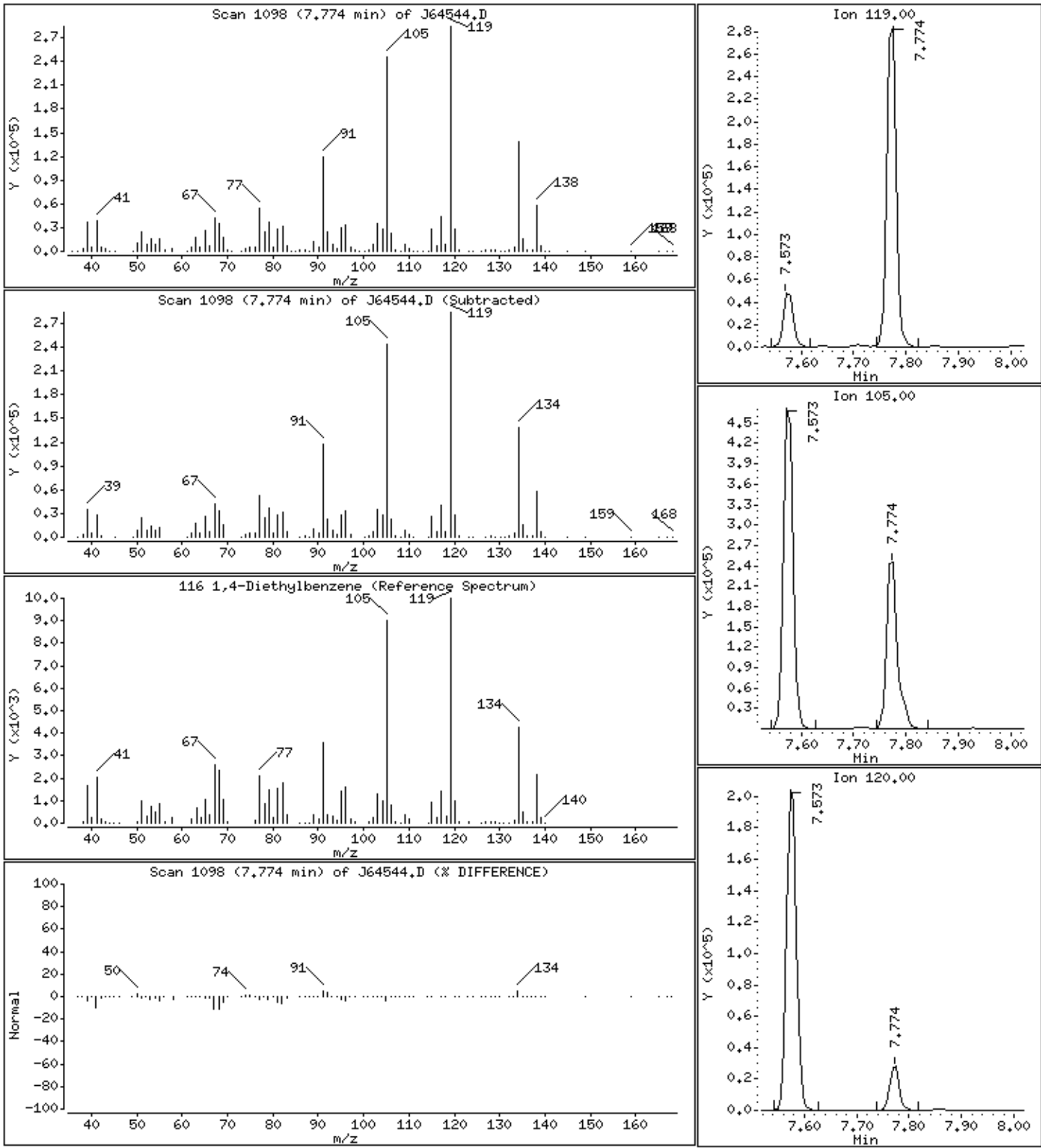
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

115 trans-Decalin Concentration: 53.4 ug/L Review Code:



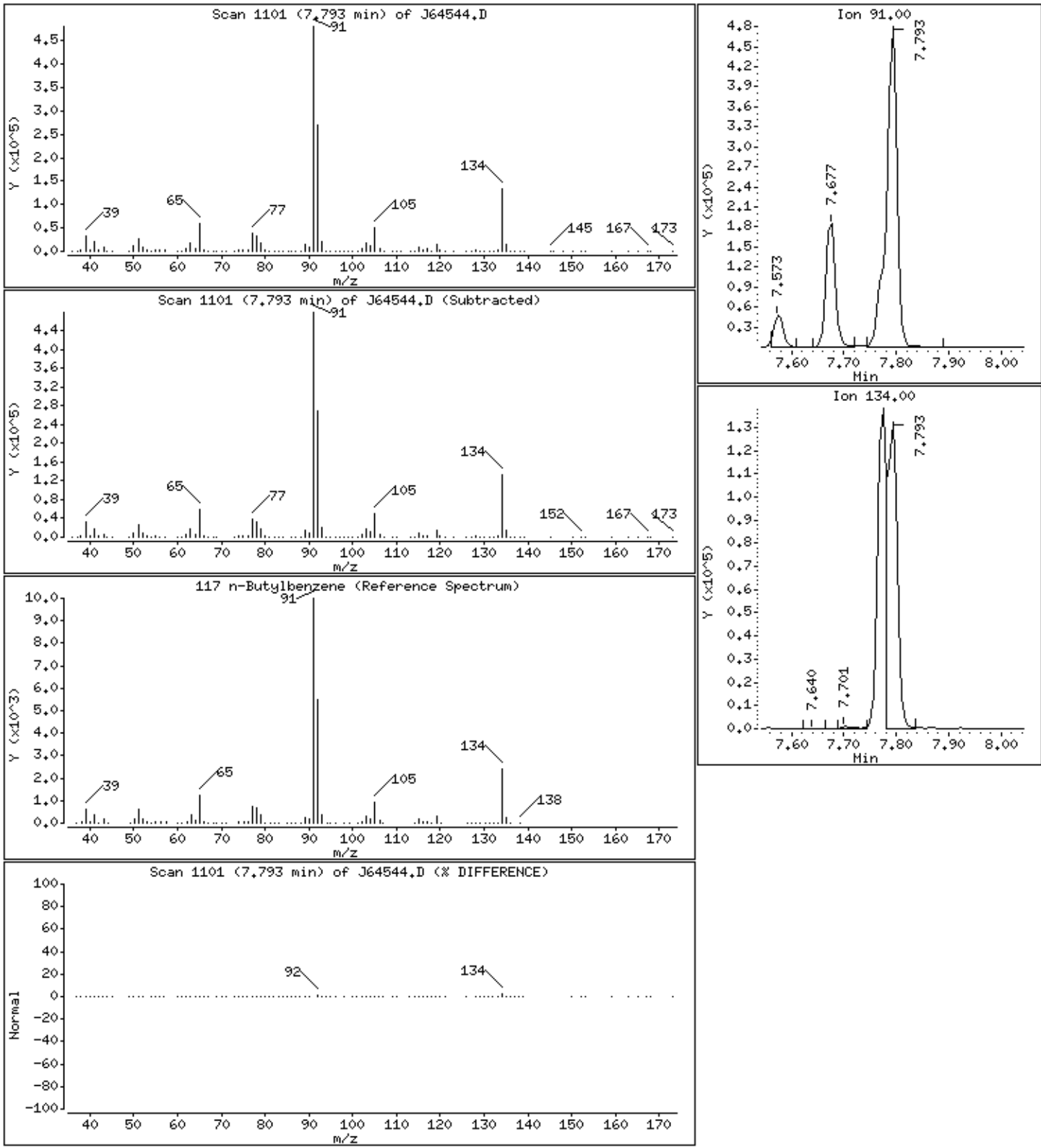
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

116 1,4-Diethylbenzene Concentration: 58.2 ug/L Review Code:



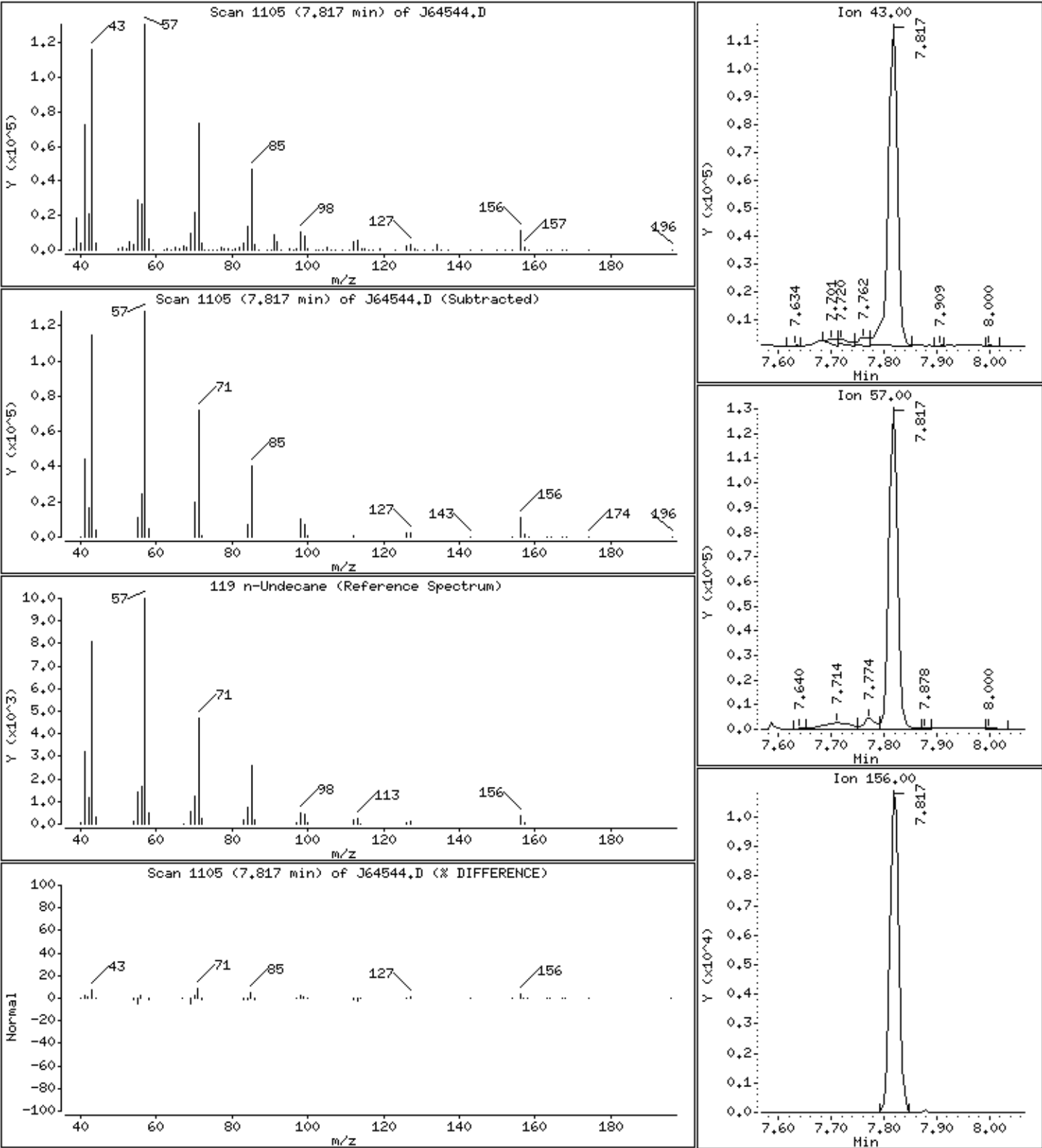
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

117 n-Butylbenzene Concentration: 57.2 ug/L Review Code:



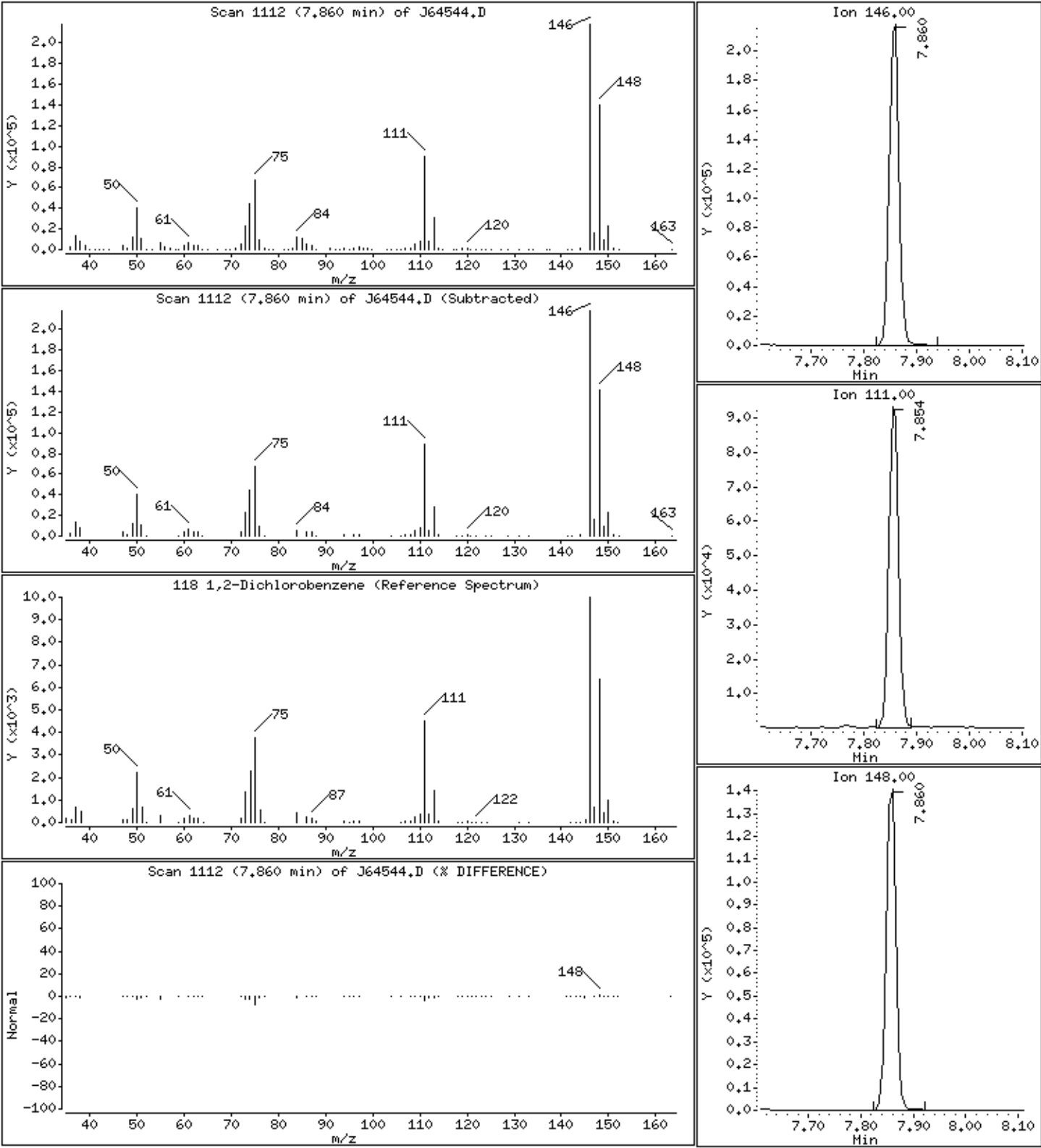
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0,18

119 n-Undecane Concentration: 127 ug/L Review Code:



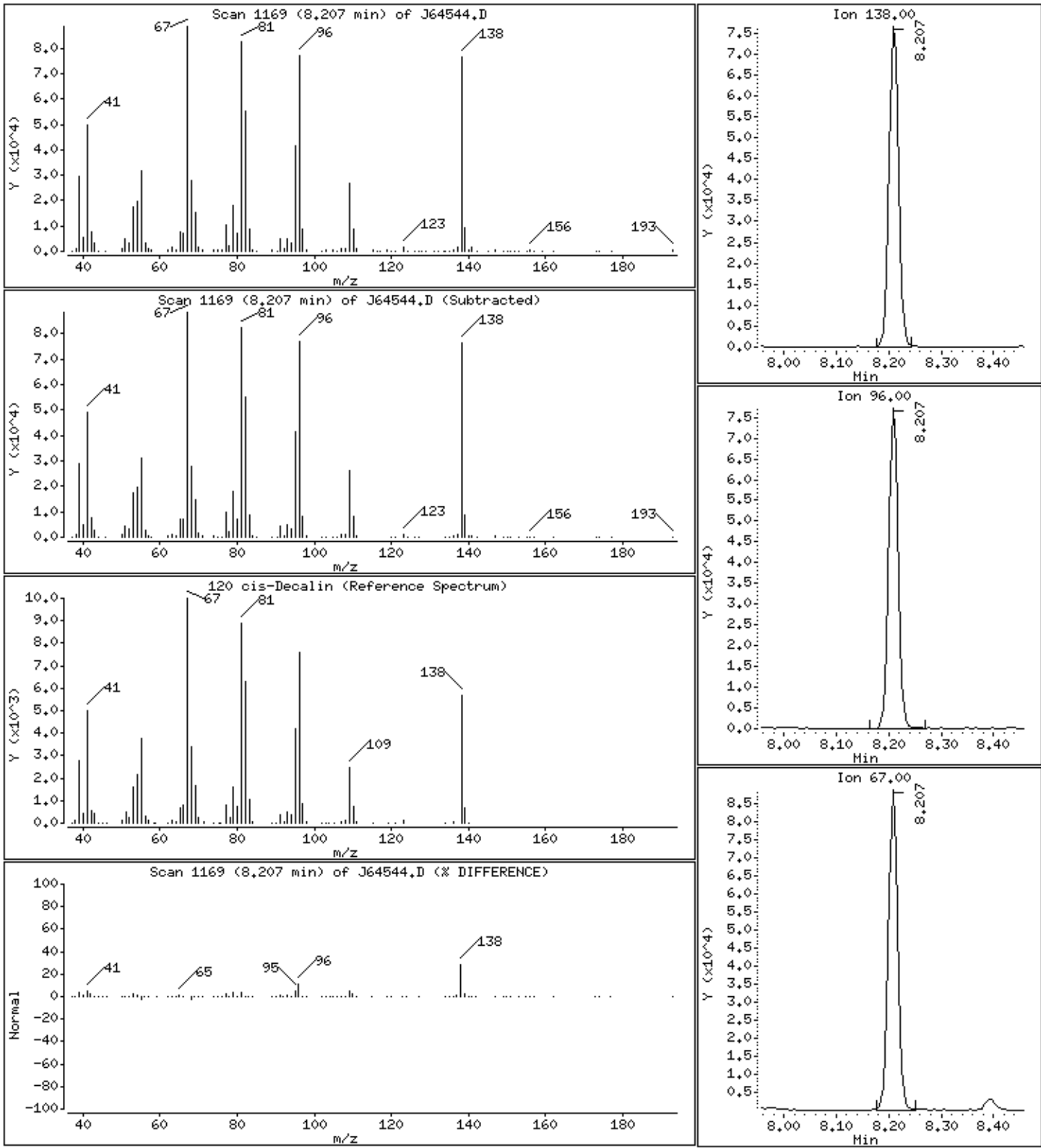
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750:1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

118 1,2-Dichlorobenzene Concentration: 55.4 ug/L Review Code:



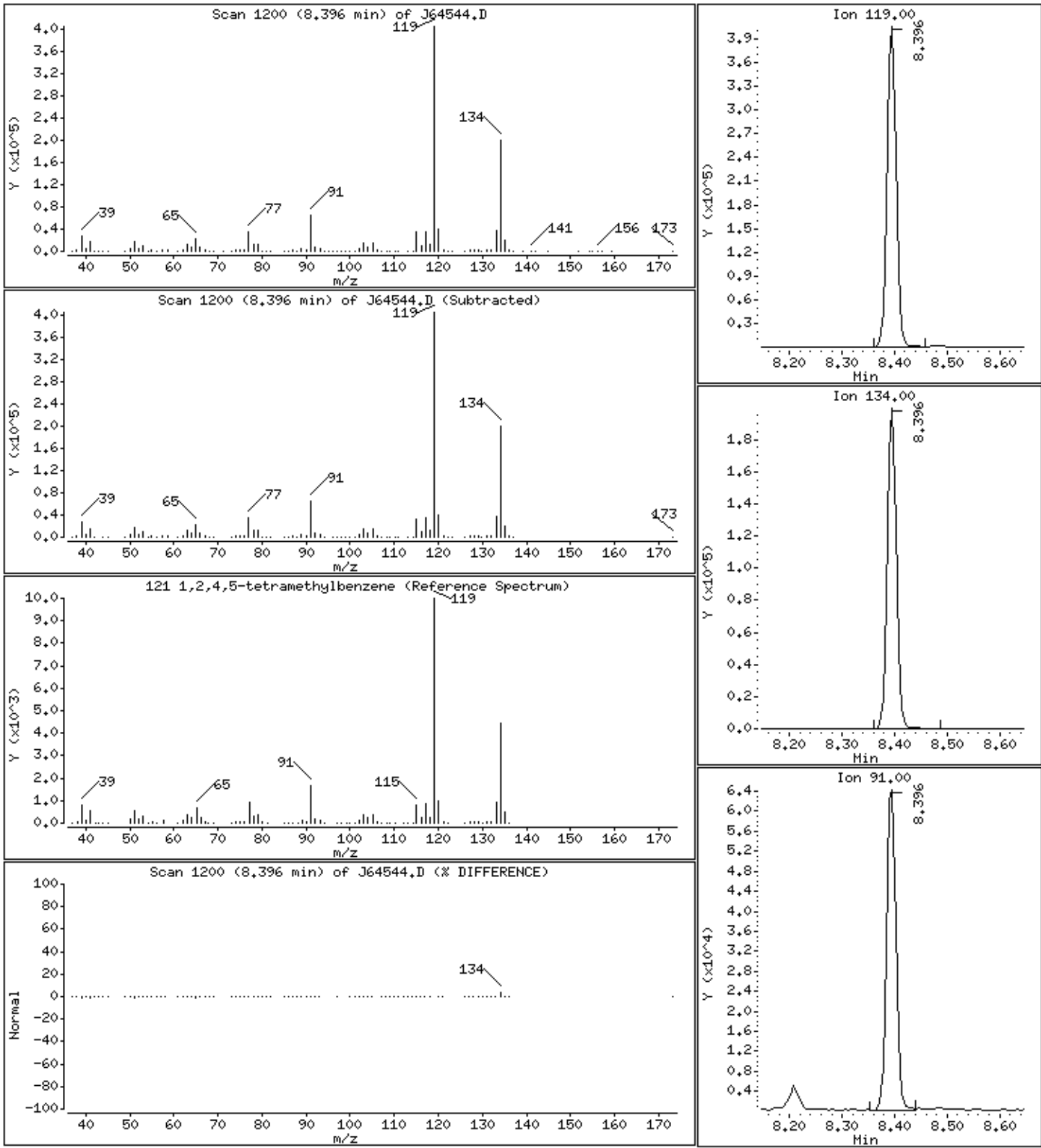
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0.18

120 cis-Decalin Concentration: 54.6 ug/L Review Code:



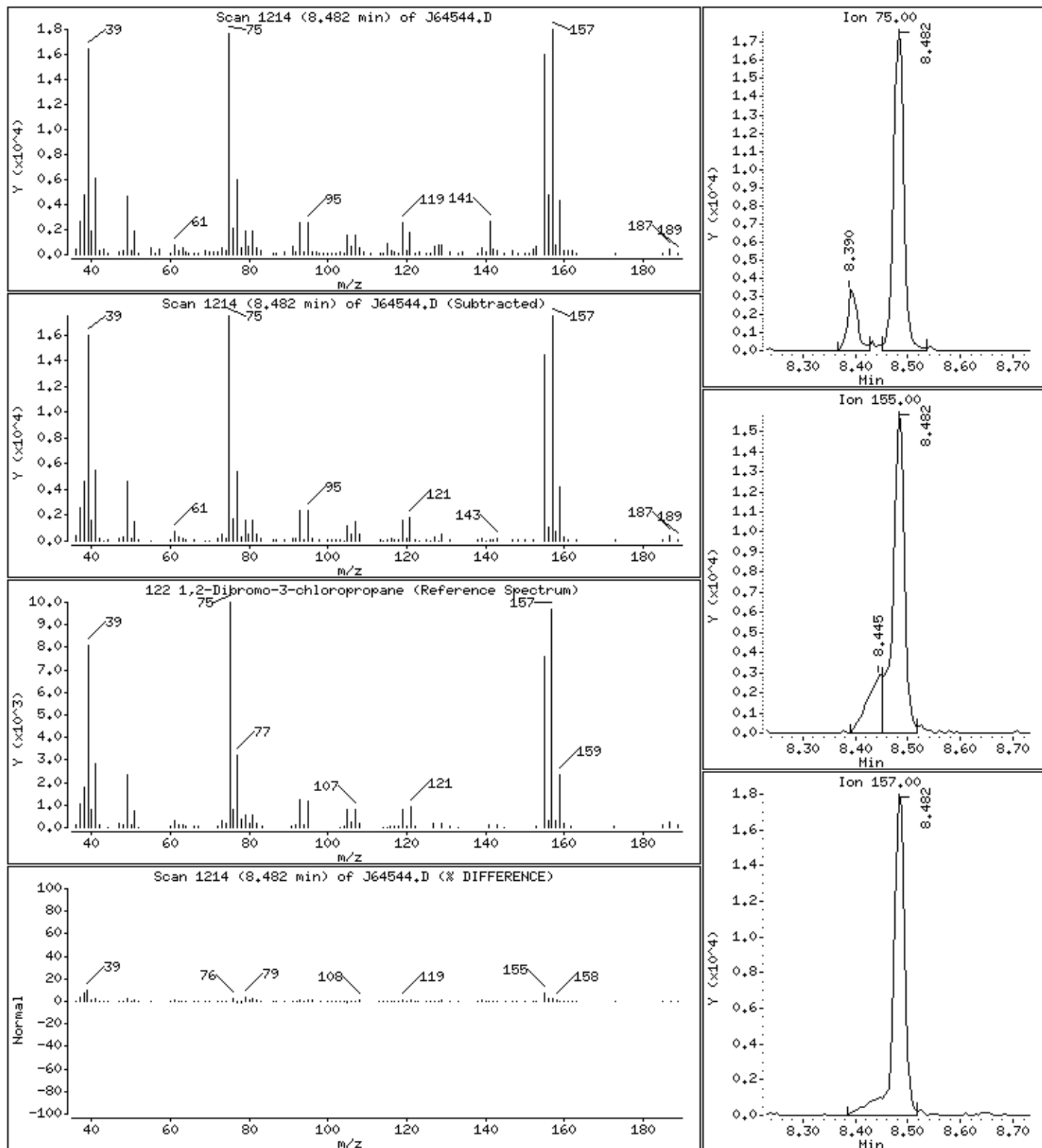
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

121 1,2,4,5-tetramethylbenzene Concentration: 67.0 ug/L Review Code:



Column diameter: 0.18

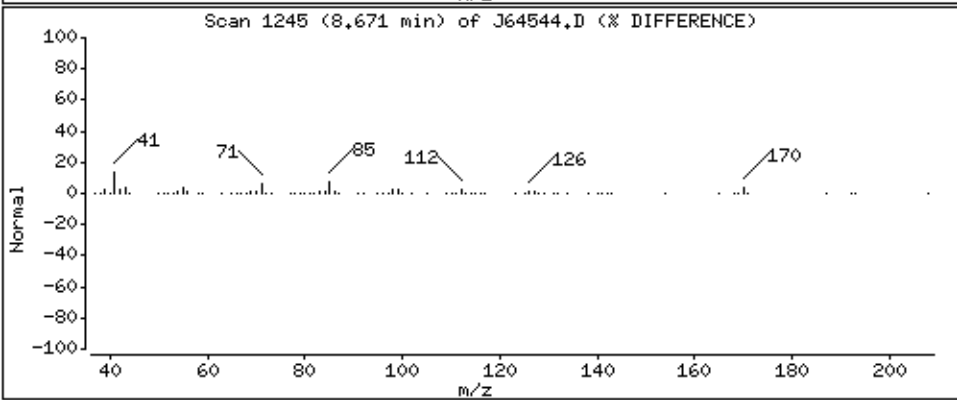
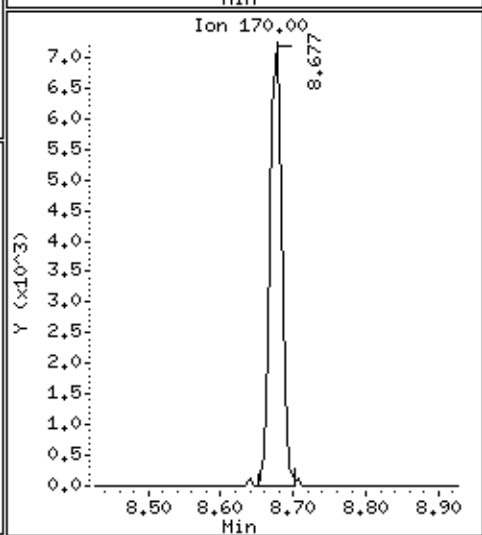
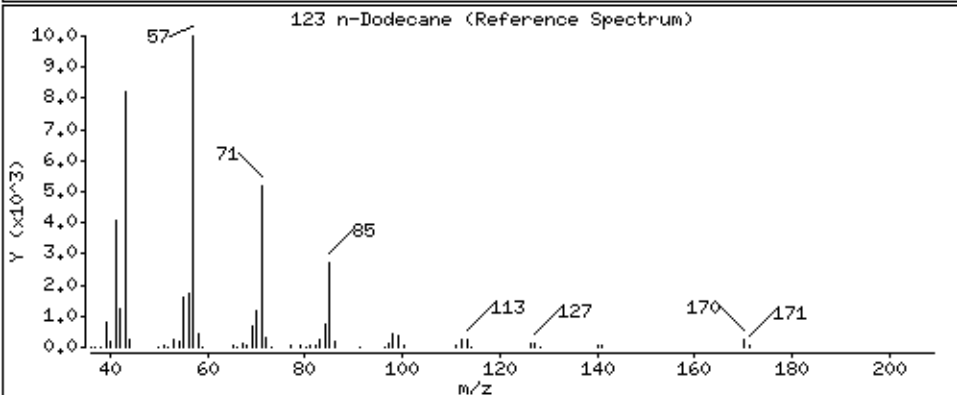
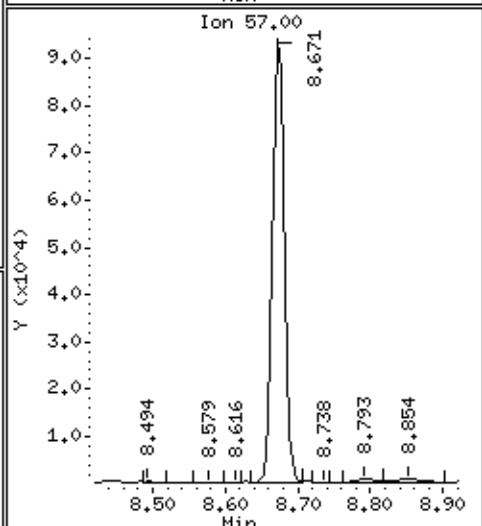
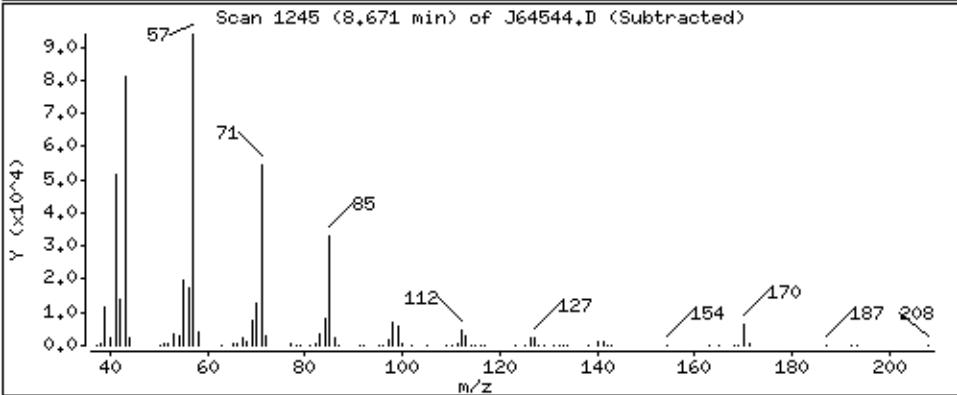
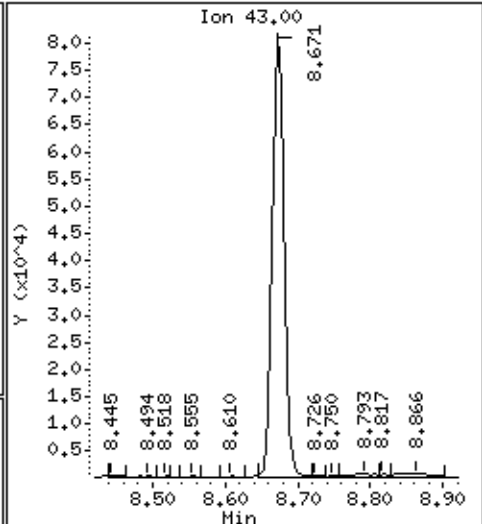
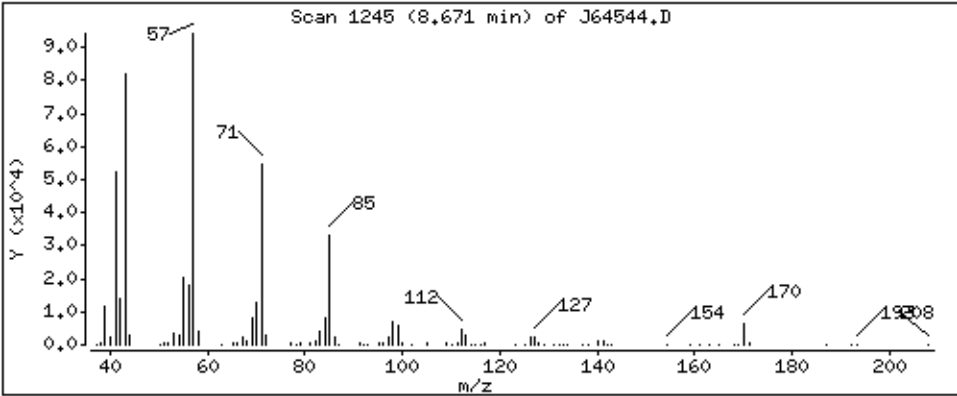
Review Code:



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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Instrument: 70msv6.i
Sample Info: 964043, 104750;1.25
Purge Volume: 5.0
Operator: BBL
Column phase: RTX-624
Column diameter: 0.18

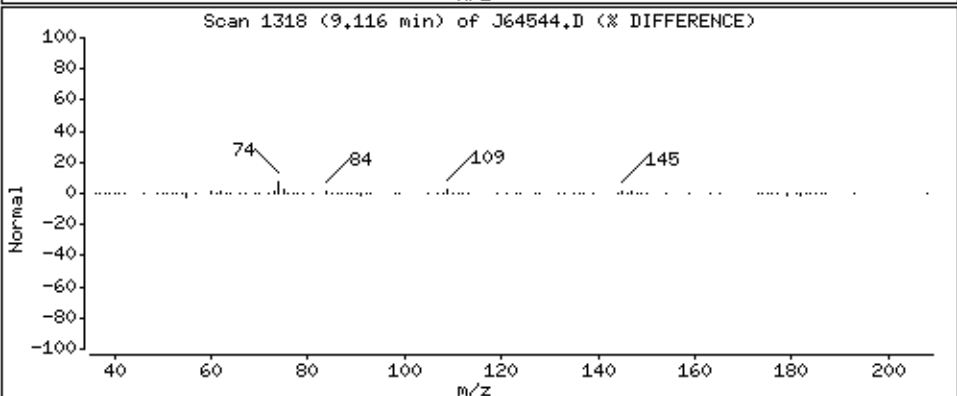
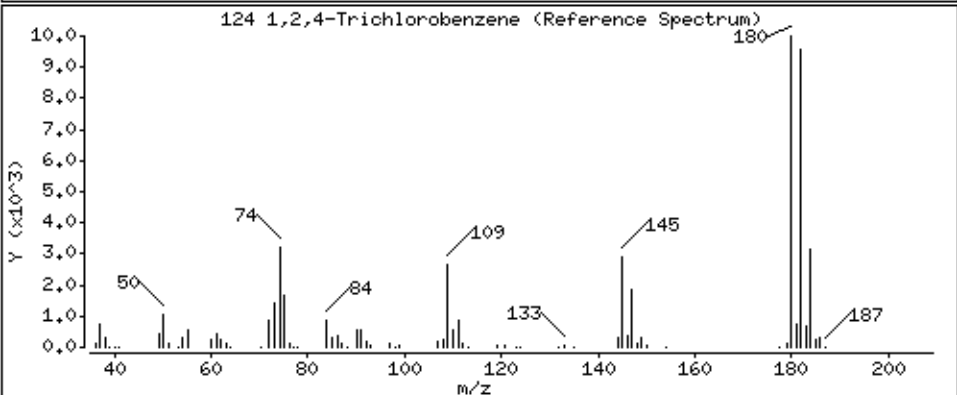
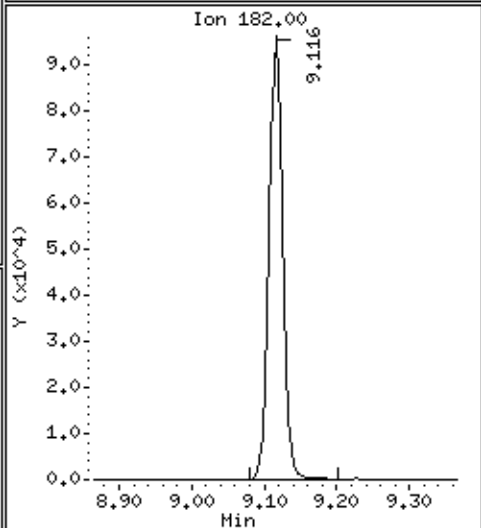
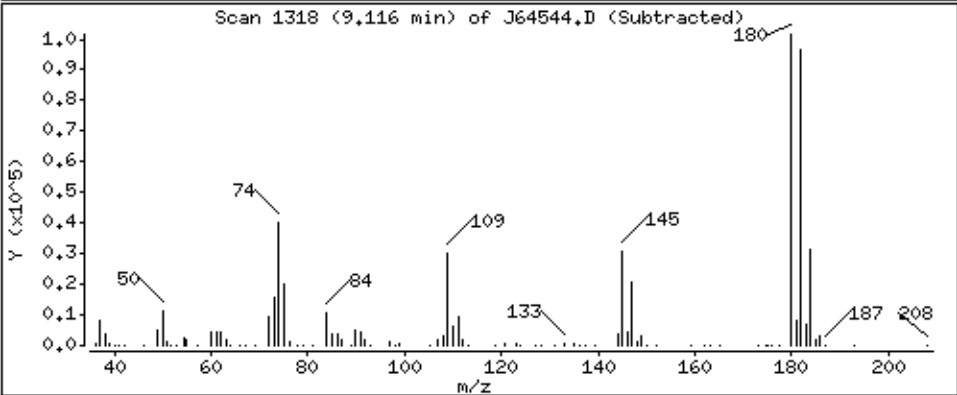
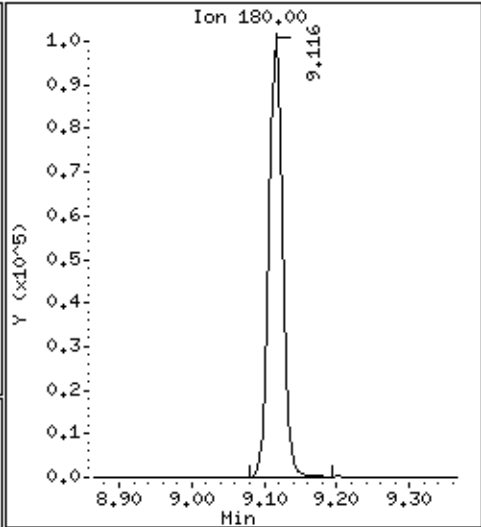
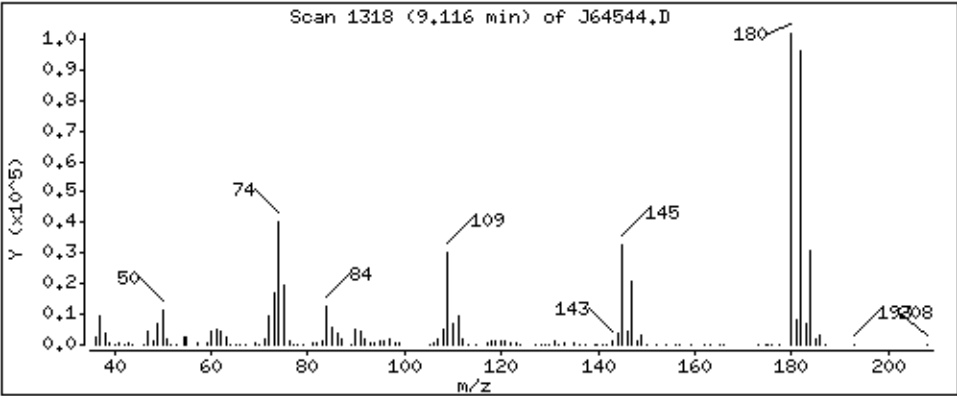
123 n-Dodecane

Review Code:



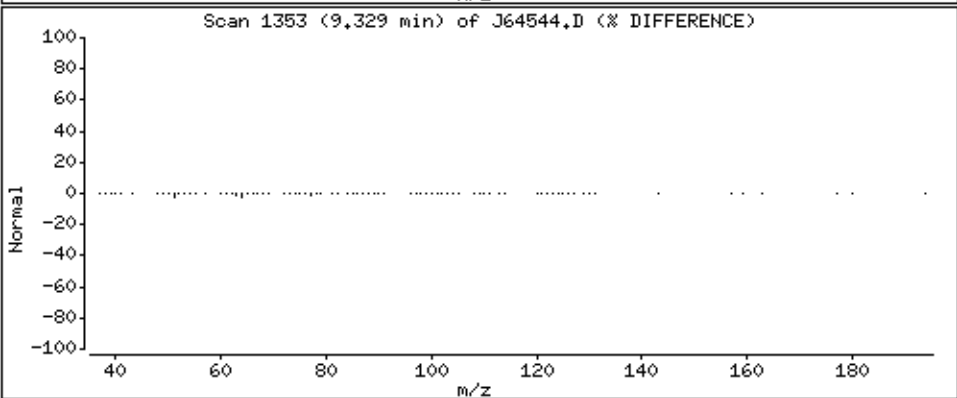
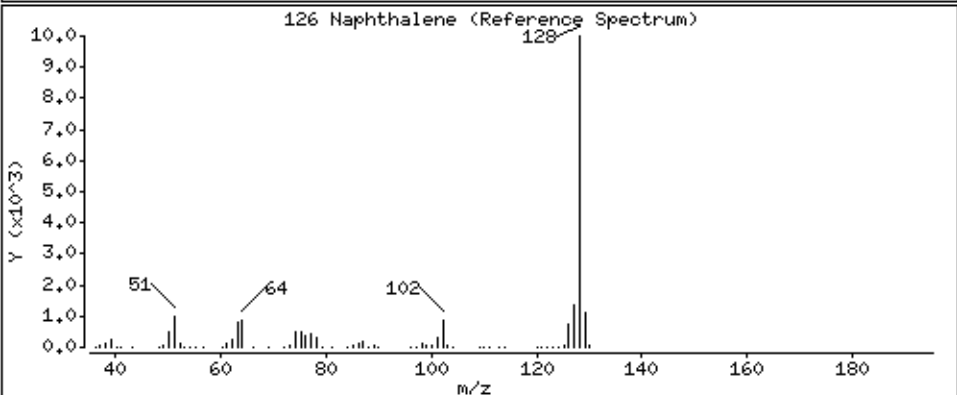
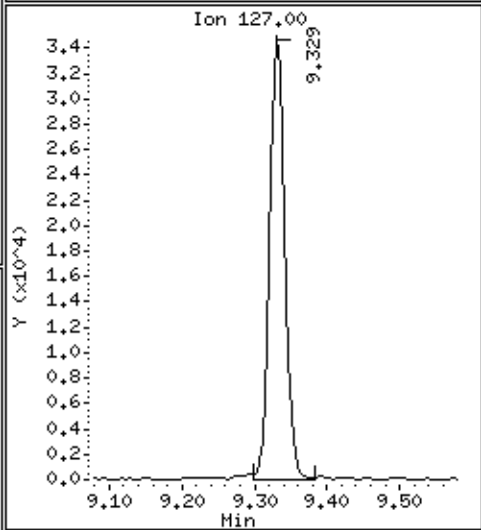
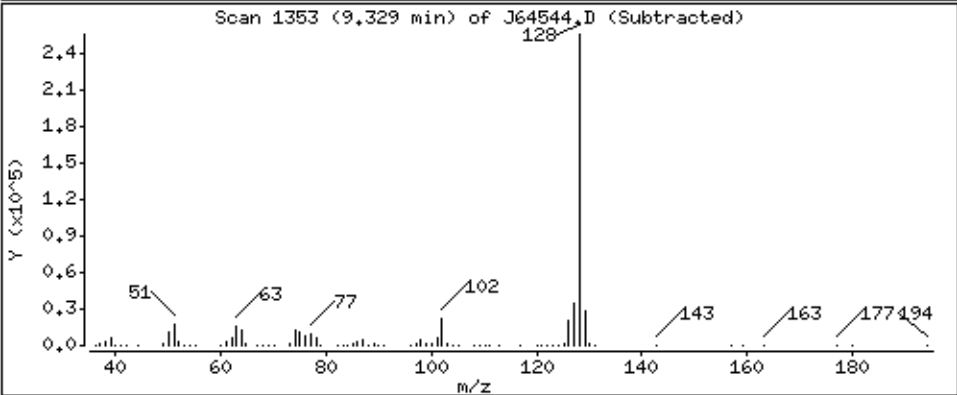
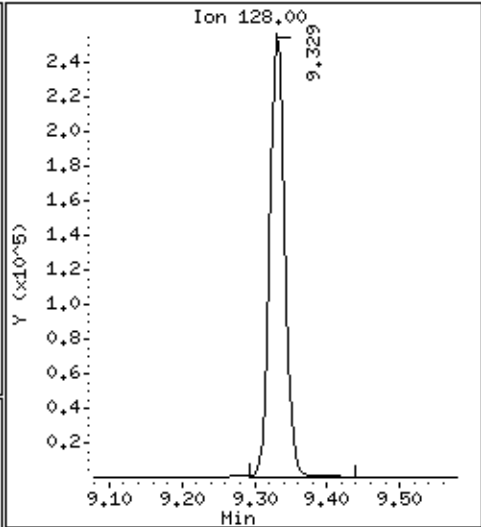
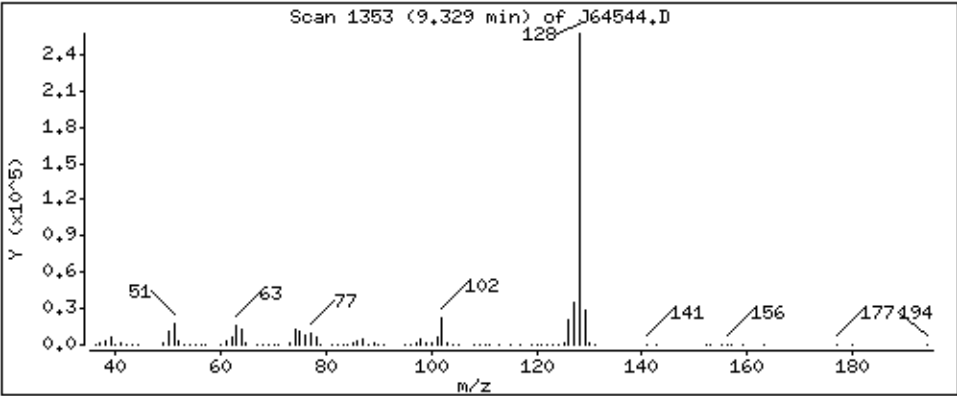
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

124 1,2,4-Trichlorobenzene Concentration: 54,5 ug/L Review Code:



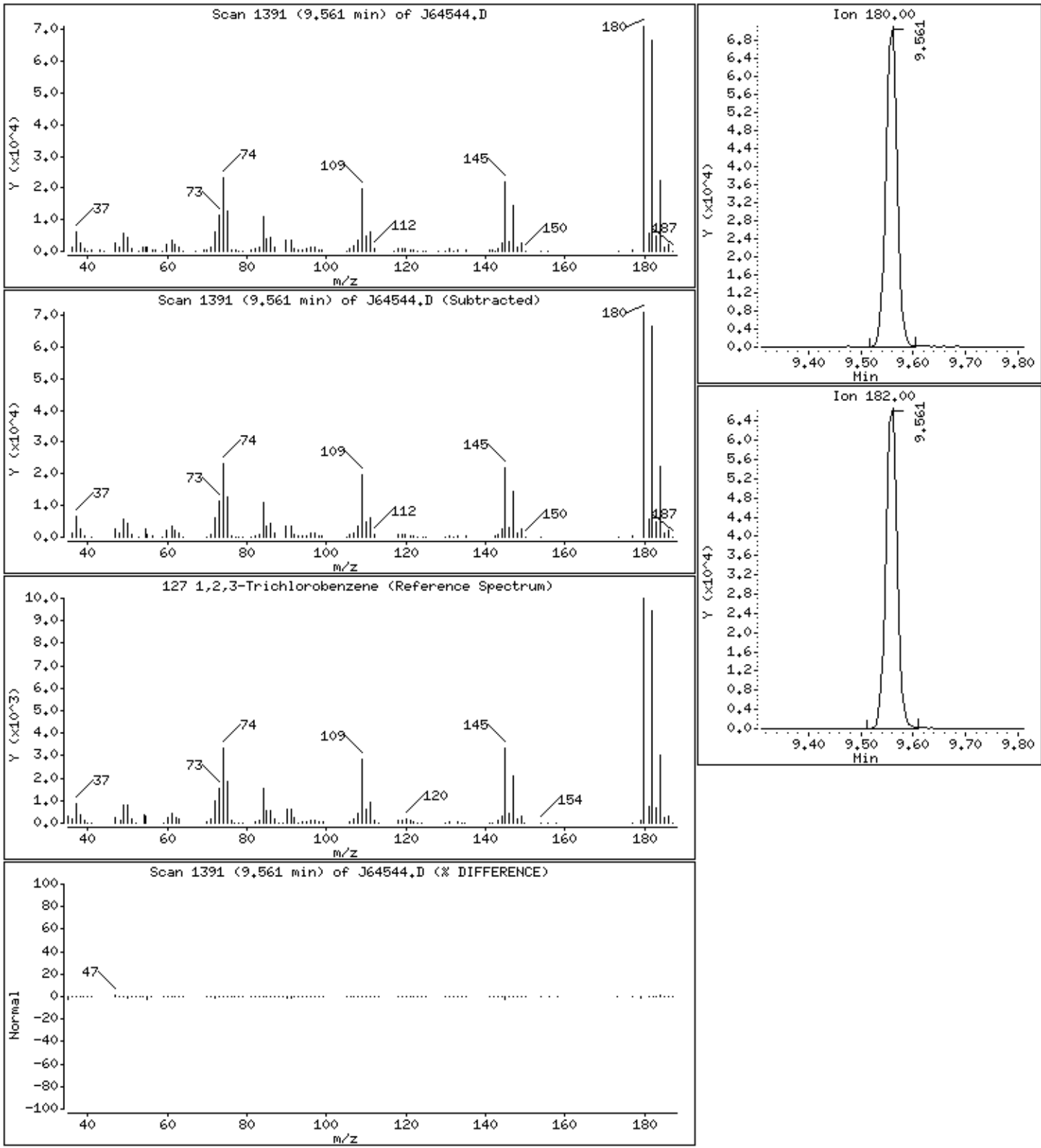
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Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750;1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Concentration: 60.8 ug/L
Column diameter: 0.18

126 Naphthalene
Concentration: 60.8 ug/L
Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b\J64544.D
Date : 12-FEB-2021 20:50
Client ID: MW-11SMSD
Sample Info: 964043, 104750:1,25
Purge Volume: 5.0
Column phase: RTX-624
Instrument: 70msv6.i
Operator: BBL
Column diameter: 0,18

127 1,2,3-Trichlorobenzene Concentration: 50,3 ug/L Review Code:



Data File: \\v70wintarget\chem\70msv6.i\021221.b/J64544.D
Injection Date: 12-FEB-2021 20:50
Instrument: 70msv6.i
Lab Sample ID: 964043
NO SIGNAL MANUAL INTEGRATIONS DONE FOR THIS DATA FILE

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 70msv6.i
Column RTX-624 20m X 0.18mm Helium
Misc. Prep Info [L]:
ISTD lot:
Lot:
Tune std: _____

Method: SW846-8260C-D/EPA 624.1
Surr. lot: 105739:5
Cal. std: _____

Path/File	Smp Info	Mtrx/Batch	Type	DF	Method/Sublist	Date	Time	Oper	Comments
1/J64517.D	TUNE, 105739:1	L/10588	BFB	1	DBFB/all	2/12/21	09:15	BBL	
1/J64518.D	CCV, 106242:1	L/10588	CCALIB_6	1	120720_8260W/8	2/12/21	10:09	BBL	
1/J64519.D	964040,	L/11006	BLANK	1	120720_8260W/8	2/12/21	11:09	BBL	
1/J64519A.D	964496	L/11011	BLANK	1	120720_8260W/8	2/12/21	11:09	BBL	
1/J64520.D	964041, 104750:1	L/11006	LCS	1	120720_8260W/8	2/12/21	11:30	BBL	
1/J64520A.D	964497, 104750:1	L/11011	LCS	1	120720_8260W/8	2/12/21	11:30	BBL	
1/J64521.D	70162215001,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	12:24	BBL	
1/J64522.D	70162215001X5,	L/11006	SAMPLE	5	120720_8260W/8	2/12/21	13:00	BBL	
1/J64523.D	70162103007,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	13:20	BBL	
1/J64524.D	70162103001,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	13:43	BBL	
1/J64525.D	70162103002,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	14:03	BBL	
1/J64526.D	70162103003,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	14:23	BBL	
1/J64527.D	70162103004,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	14:44	BBL	
1/J64528.D	70162103005,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	15:04	BBL	
1/J64529.D	70162103006,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	15:24	BBL	
1/J64530.D	30405820003,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	15:45	BBL	X
1/J64531.D	30405820003,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	16:05	BBL	
1/J64532.D	30405819001,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	16:25	BBL	
1/J64533.D	30405819002,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	16:46	BBL	
1/J64534.D	30405820002,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	17:06	BBL	
1/J64535.D	30405820001,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	17:27	BBL	
1/J64536.D	30405818001,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	17:47	BBL	
1/J64537.D	30405820003,	L/11006	SAMPLE	1	120720_8260W/8	2/12/21	18:07	BBL	
1/J64538.D	70161706001,	L/11011	SAMPLE	1	120720_8260W/M	2/12/21	18:28	BBL	
1/J64539.D	70161706002,	L/11011	SAMPLE	1	120720_8260W/M	2/12/21	18:48	BBL	
1/J64540.D	70161706003,	L/11011	SAMPLE	1	120720_8260W/M	2/12/21	19:08	BBL	
1/J64541.D	70161706004,	L/11011	SAMPLE	1	120720_8260W/M	2/12/21	19:28	BBL	
1/J64542.D	70161706005,	L/11011	SAMPLE	1	120720_8260W/M	2/12/21	19:49	BBL	Needs DL
1/J64543.D	964042, 104750:1	L/11006	MS	1	120720_8260W/8	2/12/21	20:09	BBL	
1/J64544.D	964043, 104750:1	L/11006	MSD	1	120720_8260W/8	2/12/21	20:50	BBL	

pH lot # 231019

Check Maintenance Items Performed:

☐ Changed septum ☐ Clipped column ☐ Changed column (lot # _____)
☐ Cleaned liner ☐ Changed trap (lot # _____) ☐ Other minor parts replaced _____
☐ Replaced/Cleaned gold seal ☐ Cleaned MS source ☐ No maintenance performed today

Additional Comments:

Run Order Verified: GKB 2/15/2021

File Path 1: \\v70wintarget\chem\70msv6.i\021221.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 12:18 02/15/2021

Reviewed By/Date: MF 2/15/21 Page: 1 of 1

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 70msv6.1
 Column RTX-624 20m X 0.18mm Helium Method: SW846-8260C-D/EPA 624.1
 Misc. Prep Info [L]:
 ISTD lot: Surr. lot: 103004:5
 Lot:
 Tune std: Cal. std:

Path/File	Smp Info	Mtrx/Batch	Type	DF	Method/Sublist	Date	Time	Oper	Comments
1/J63311.D	TUNE, 103004:1	L/10588	BFB	1	DBFB/all	12/07/20	14:37	BBL	✓
1/J63312.D	CAL1, 103029:1	L/10588	CALIB_1	1	120720_8260W/8	12/07/20	14:58	BBL	✓
1/J63313.D	CAL2, 103030:1	L/10588	CALIB_2	1	120720_8260W/8	12/07/20	15:18	BBL	✓
1/J63314.D	CAL3, 103031:1	L/10588	CALIB_3	1	120720_8260W/8	12/07/20	15:39	BBL	✓
1/J63315.D	CAL4, 103032:1	L/10588	CALIB_4	1	120720_8260W/8	12/07/20	16:00	BBL	✓
1/J63316.D	CAL5, 103033:1	L/10588	CALIB_5	1	120720_8260W/8	12/07/20	16:21	BBL	✓
1/J63317.D	CAL6, 103034:1	L/10588	CALIB_6	1	120720_8260W/8	12/07/20	16:42	BBL	✓
1/J63318.D	CAL7, 103035:1	L/10588	CALIB_7	1	120720_8260W/8	12/07/20	17:03	BBL	✓
1/J63319.D	CAL8, 103036:1	L/10588	CALIB_8	1	120720_8260W/8	12/07/20	17:24	BBL	✓
1/J63320.D	vblk	L/	SAMPLE	1	120720_8260W/8	12/07/20	17:44	BBL	X
1/J63321.D	ICV, 103037:1	L/10588	CCALIB_6	1	120720_8260W/8	12/07/20	18:29	BBL	✓
1/J63322.D	TUNE, 103004:1	L/10588	BFB	1	DBFB/all	12/07/20	18:58	BBL	✓
1/J63323.D	CCV, 102974:1	L/10588	CCALIB_6	1	120720_8260W/8	12/07/20	19:20	BBL	✓
1/J63324.D	925457,	L/10589	BLANK	1	120720_8260W/8	12/07/20	20:22	BBL	✓
1/J63325.D	CRDL@lppb	L/	SAMPLE	1	120720_8260W/8	12/07/20	20:43	BBL	✓
1/J63326.D	925458, 102704:1	L/10589	LCS	1	120720_8260W/8	12/07/20	21:03	BBL	✓
1/J63327.D	70155494001x4,	L/10567	SAMPLE	4	120720_8260W/s	12/07/20	21:24	BBL	✓
1/J63328.D	70155499002x4,	L/10567	SAMPLE	4	120720_8260W/s	12/07/20	21:45	BBL	✓
1/J63329.D	70155398013,	L/10589	SAMPLE	1	120720_8260W/8	12/07/20	22:05	BBL	✓
1/J63330.D	70155398001,	L/10589	SAMPLE	1	120720_8260W/8	12/07/20	22:26	BBL	✓
1/J63331.D	70155398002,	L/10589	SAMPLE	1	120720_8260W/8	12/07/20	22:47	BBL	✓
1/J63332.D	70155398003,	L/10589	SAMPLE	1	120720_8260W/8	12/07/20	23:07	BBL	✓
1/J63333.D	70155398004,	L/10589	SAMPLE	1	120720_8260W/8	12/07/20	23:27	BBL	✓
1/J63334.D	70155398005,	L/10589	SAMPLE	1	120720_8260W/8	12/07/20	23:48	BBL	✓
1/J63335.D	70155398006,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	00:08	BBL	✓
1/J63336.D	70155398007,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	00:29	BBL	✓
1/J63337.D	70155398008,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	00:49	BBL	✓
1/J63338.D	70155398009,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	01:09	BBL	✓
1/J63339.D	70155398010,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	01:30	BBL	✓
1/J63340.D	70155398011,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	01:50	BBL	✓
1/J63341.D	70155398012,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	02:10	BBL	✓

Check Maintenance Items Performed:

☐ Changed septum ☐ Clipped column ☐ Changed column (lot # _____)
☐ Cleaned liner ☐ Changed trap (lot # _____) ☐ Other minor parts replaced _____
☐ Replaced/Cleaned gold seal ☐ Cleaned MS source ☐ No maintenance performed today

Additional Comments:

Run Order Verified: GRB 12/9/20

File Path 1: \\v70wintarget\chem\70msv6.i\120720.b
 Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
 Report Date: 15:36 12/08/2020

Reviewed By/Date: BAL Page: 1 of 2

12/8/20

INSTRUMENT RUN LOG
Pace Analytical Services, Inc.

Instrument: 70msv6.i
Column RTX-624 20m X 0.18mm Helium Method: SW846-8260C-D/EPA 624.1
Misc. Prep Info [L]:
ISTD lot: Surr. lot: 103004:5
Lot:
Tune std: Cal. std:

Path/File	Smp Info	Mtrx/Batch	Type	DF	Method/Sublist	Date	Time	Oper	Comments
1/J63342.D	70155682001,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	02:31	BBL	✓
1/J63343.D	925854	L/10589	FIELDUP	1	120720_8260W/8	12/08/20	02:51	BBL	✓
1/J63344.D	70155682003,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	03:11	BBL	X
1/J63345.D	70155682004,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	03:32	BBL	✓
1/J63346.D	70155682005,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	03:52	BBL	✓
1/J63347.D	70155682002,	L/10589	SAMPLE	1	120720_8260W/8	12/08/20	04:12	BBL	✓
1/J63348.D	925855, 102704:1	L/10589	MS	1	120720_8260W/8	12/08/20	04:33	BBL	✓

File Path 1: \\v70wintarget\chem\70msv6.i\120720.b
Matrix Codes: [B]iota, [G]as, [L]iquid, [S]olid, [N]one
Report Date: 15:36 12/08/2020

Reviewed By/Date: BBL Page: 2 of 2