

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037441.D
 Acq On : 31 Aug 2023 19:31
 Operator : JC/MD
 Sample : 04251-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 01 03:16:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

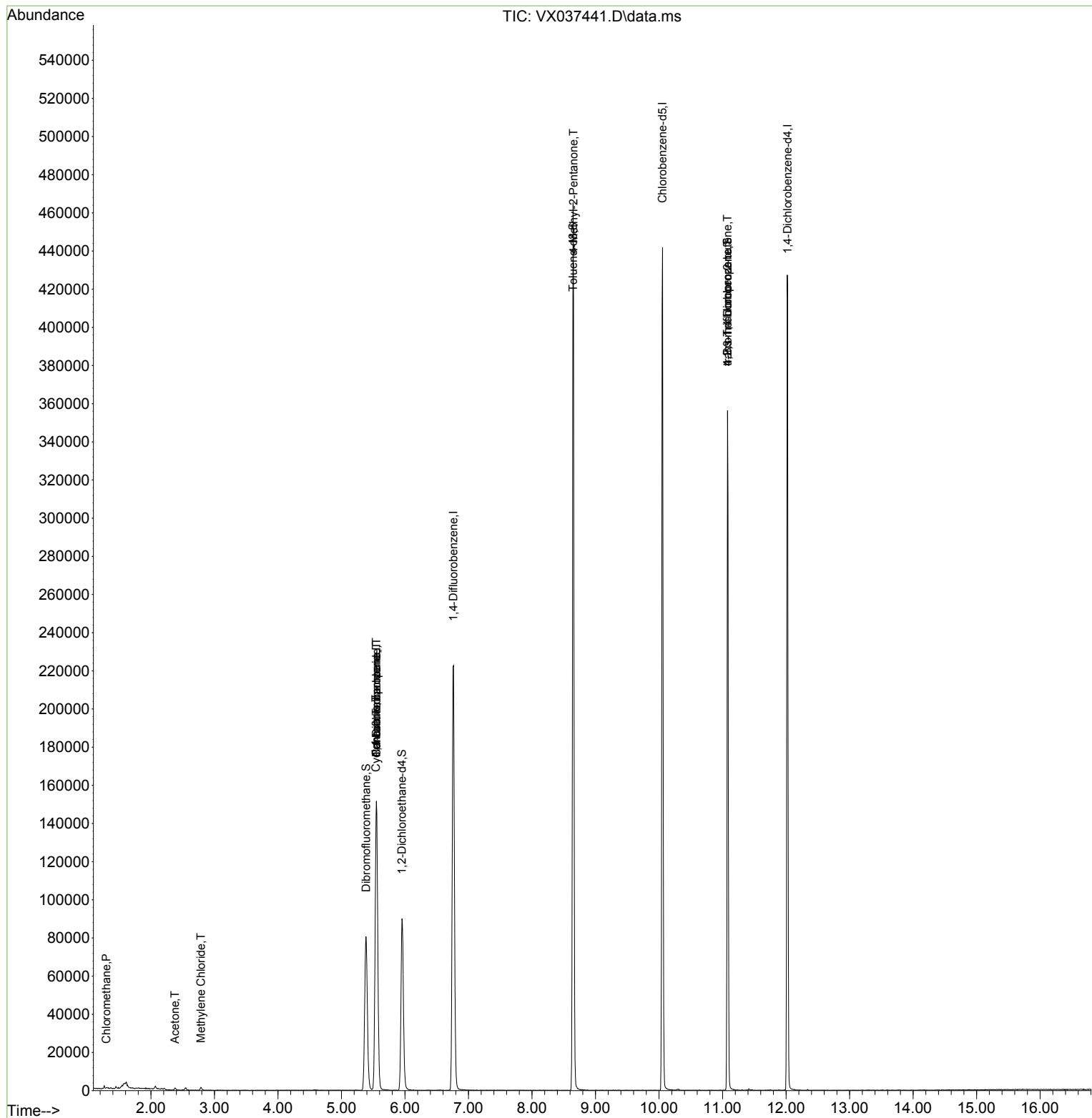
Internal Standards						
1) Pentafluorobenzene	5.550	168	143726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90184	43.524	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.040%
35) Dibromofluoromethane	5.385	113	74017	46.246	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.500%
50) Toluene-d8	8.647	98	280291	48.280	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.560%
62) 4-Bromofluorobenzene	11.079	95	100399	44.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	497	0.340	ug/l	92
16) Acetone	2.380	43	1284	1.584	ug/l	96
20) Methylene Chloride	2.788	84	777	0.429	ug/l #	80
31) Cyclohexane	5.544	56	2737	1.175	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10969	4.824	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15186	6.148	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1014	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49890	25.073	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49890	70.031	ug/l #	5

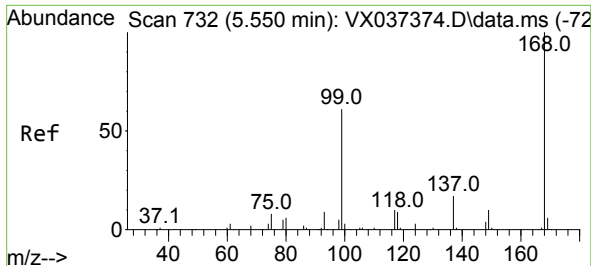
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
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MSVOA_X
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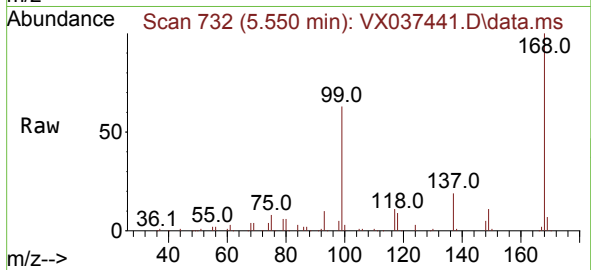
Quant Time: Sep 01 03:16:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



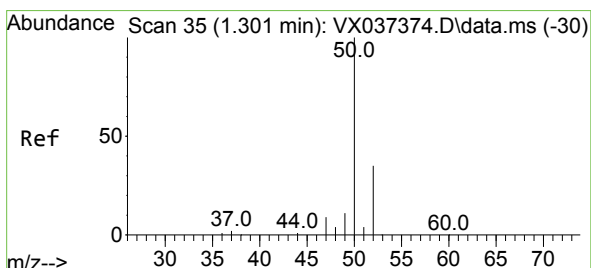
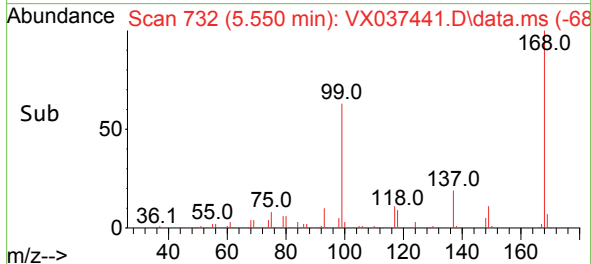
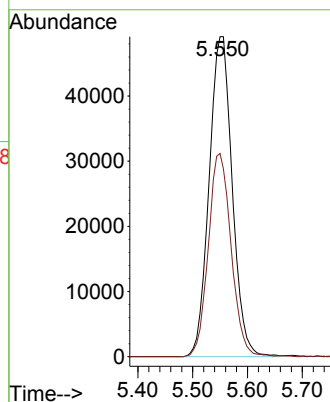


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :

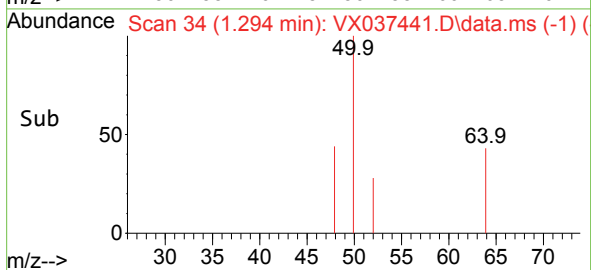
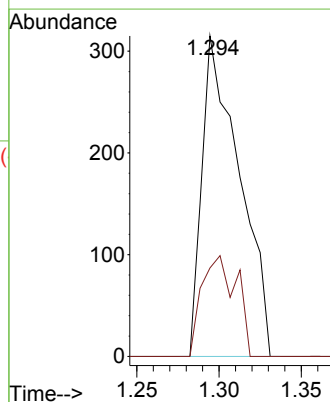
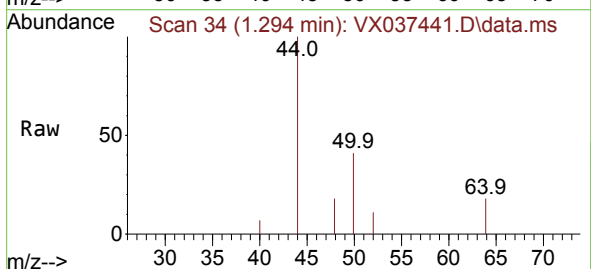


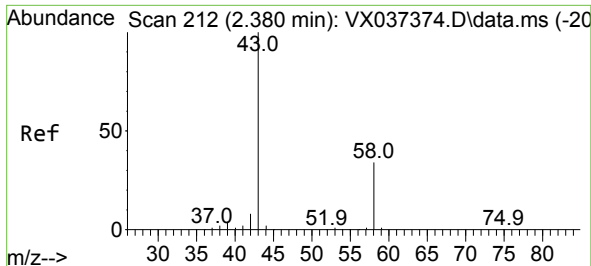
Tgt Ion:168 Resp: 143726
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#3
Chloromethane
Concen: 0.340 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 27.6 25.5 38.3

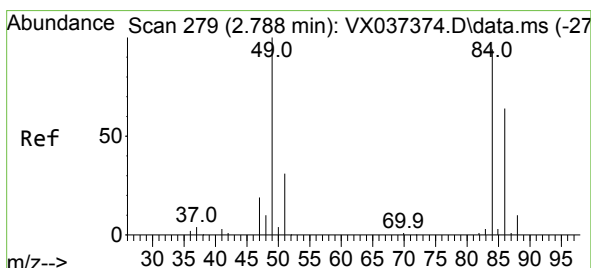
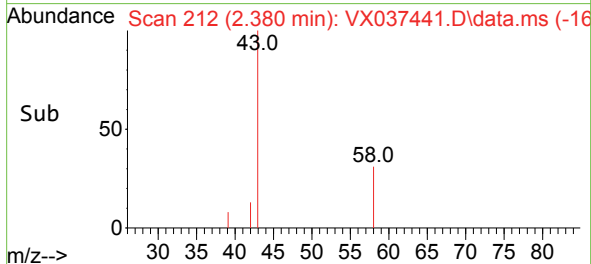
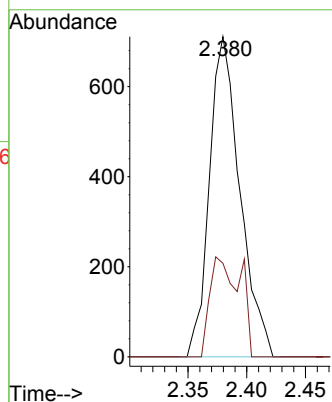
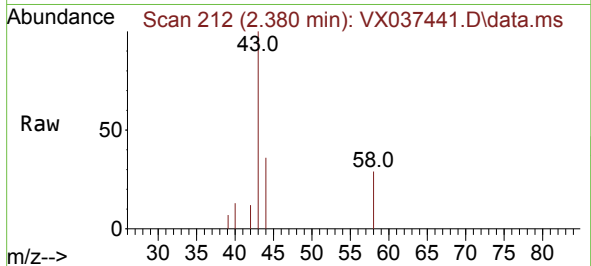




#16
Acetone
Concen: 1.584 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

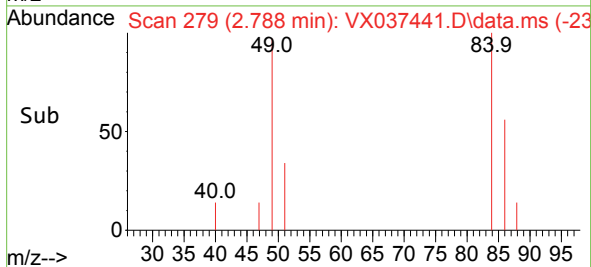
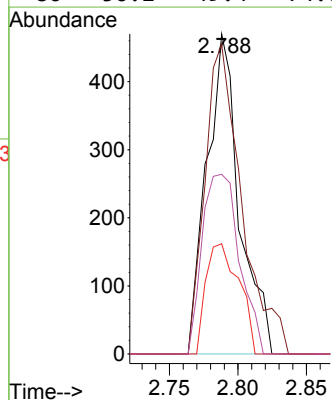
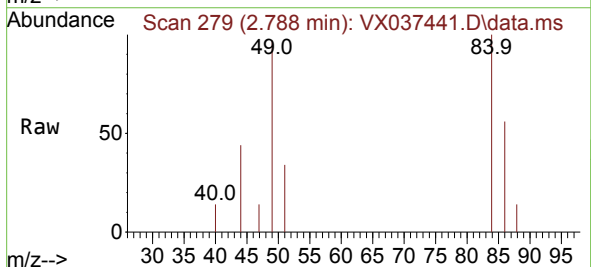
Instrument :
MSVOA_X
ClientSampleId :

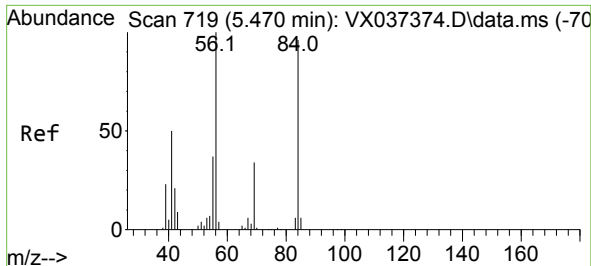
Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9



#20
Methylene Chloride
Concen: 0.429 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

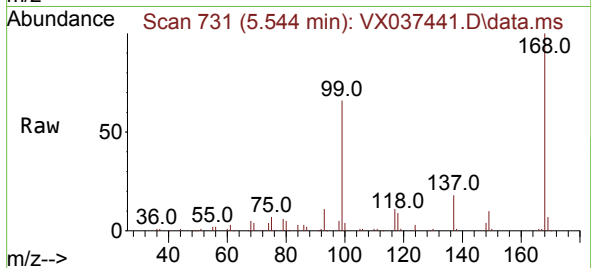
Tgt Ion: 84 Resp: 777
Ion Ratio Lower Upper
84 100
49 96.8 103.6 155.4#
51 34.5 33.8 50.6
86 56.2 49.4 74.0



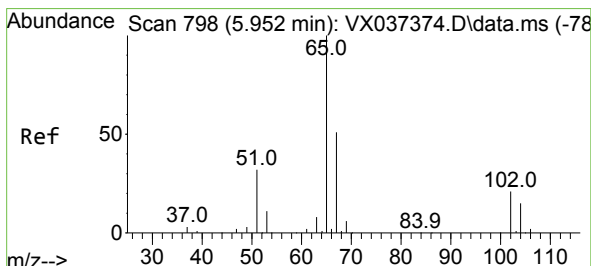
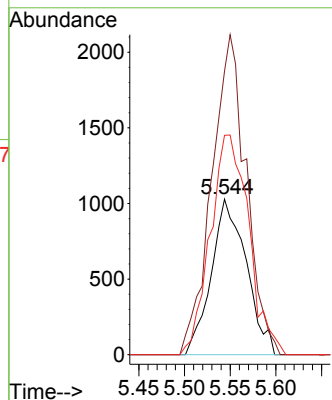
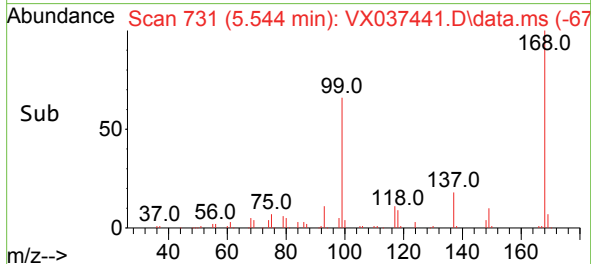


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

Instrument :
MSVOA_X
ClientSampleId :

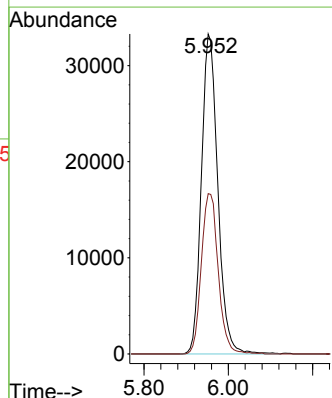
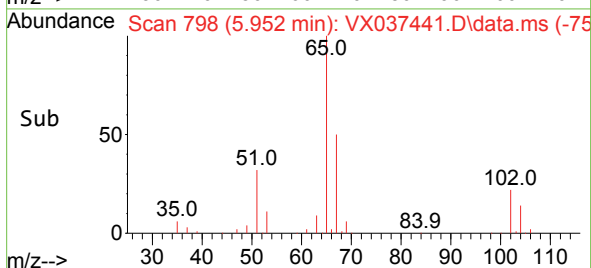
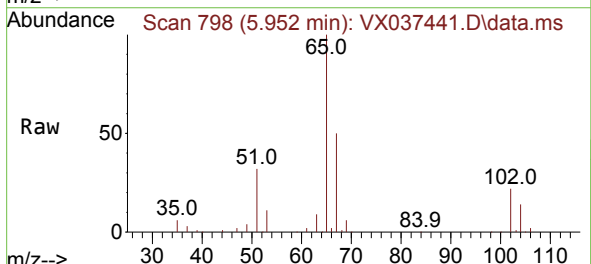


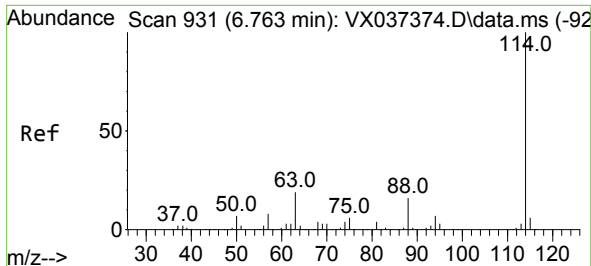
Tgt Ion: 56 Resp: 2737
Ion Ratio Lower Upper
56 100
69 182.2 23.4 35.2#
84 141.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.524 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

Tgt Ion: 65 Resp: 90184
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

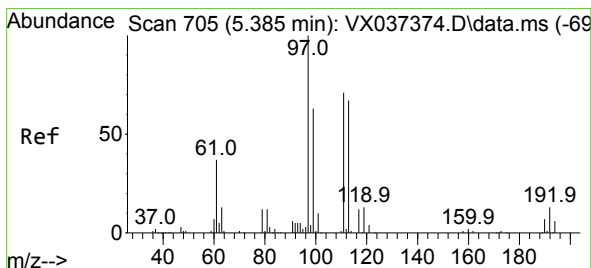
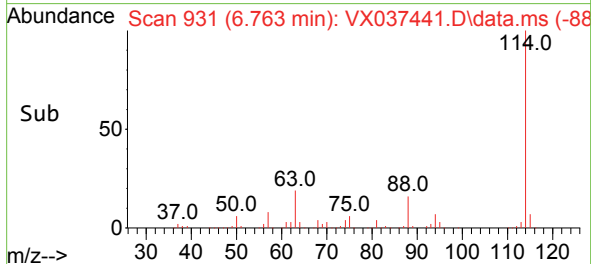
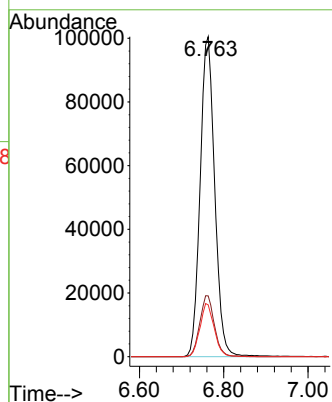
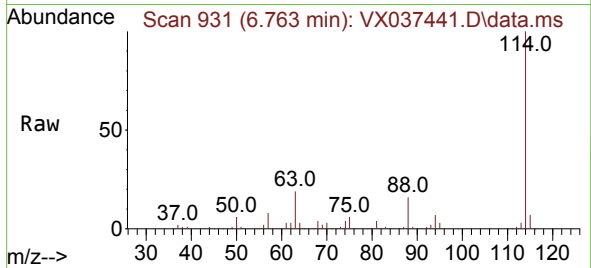




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

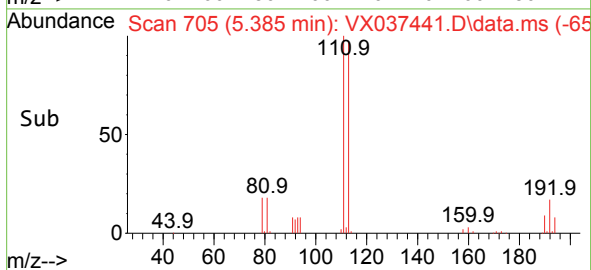
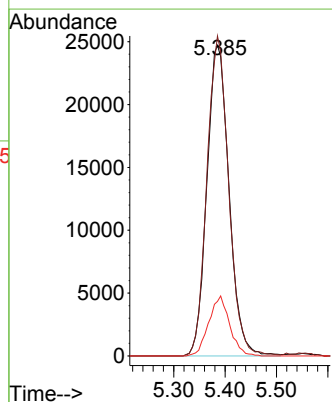
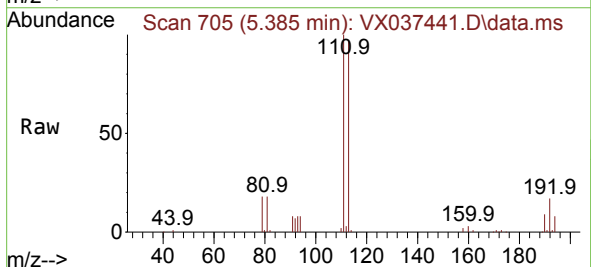
Instrument :
MSVOA_X
ClientSampleId :

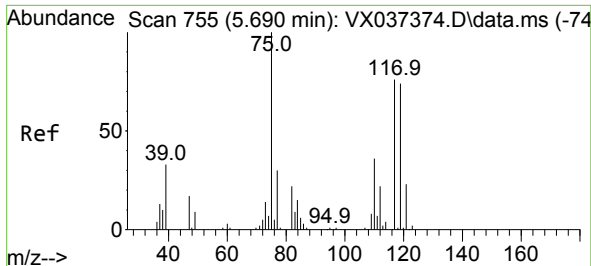
Tgt Ion:114 Resp: 241665
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.246 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

Tgt Ion:113 Resp: 74017
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 18.3 13.3 19.9

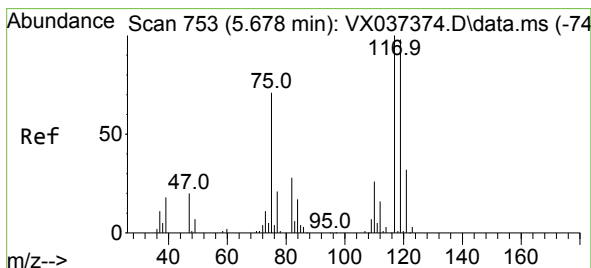
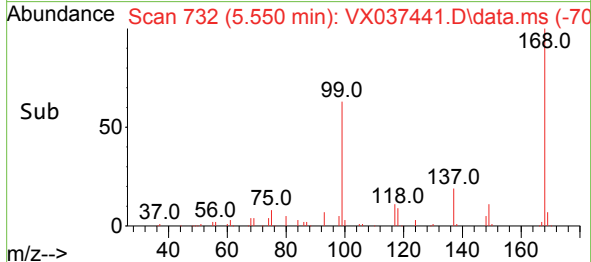
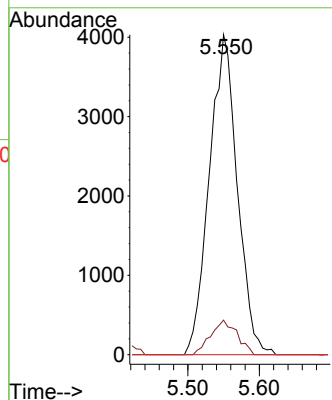
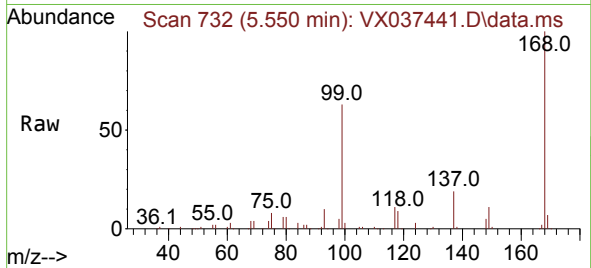




#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

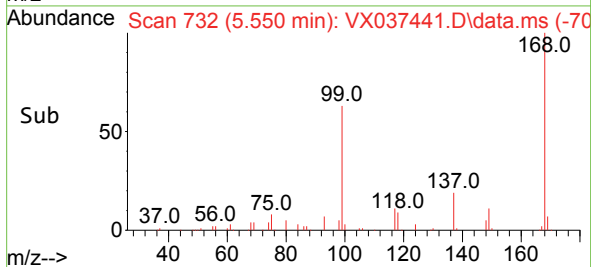
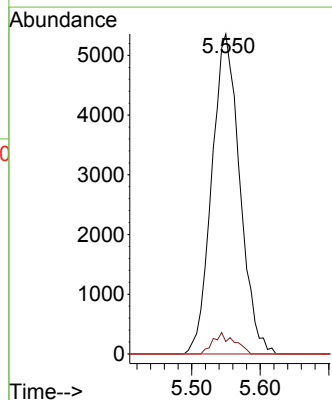
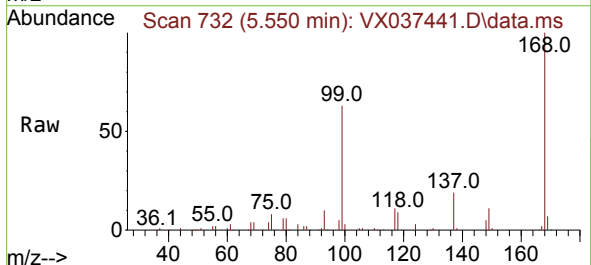
Instrument :
MSVOA_X
ClientSampleId :

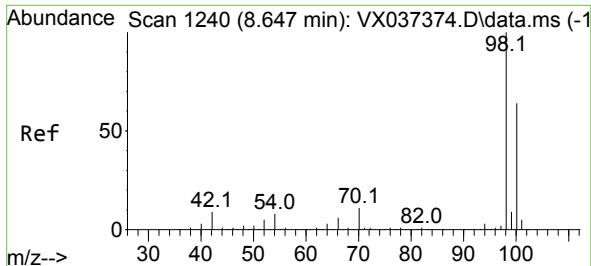
Tgt Ion: 75 Resp: 10969
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.148 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

Tgt Ion: 117 Resp: 15186
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#

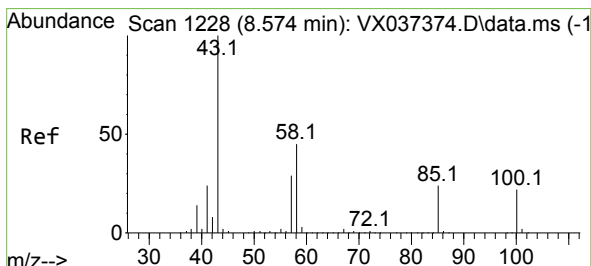
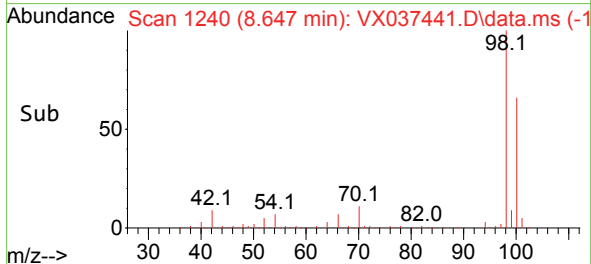
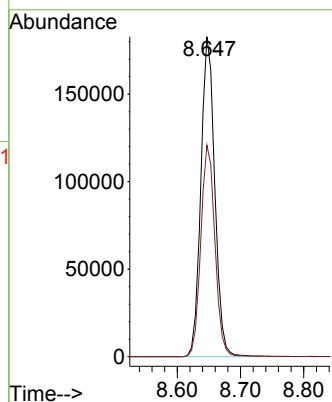
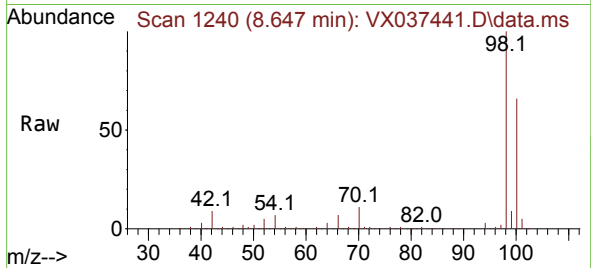




#50
Toluene-d8
Concen: 48.280 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

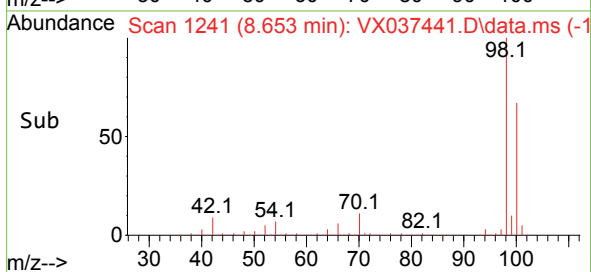
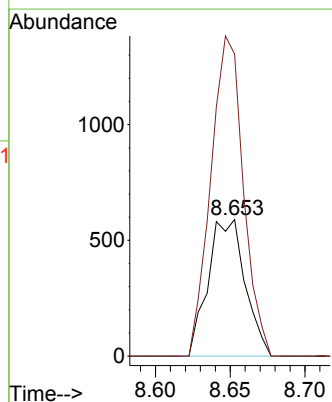
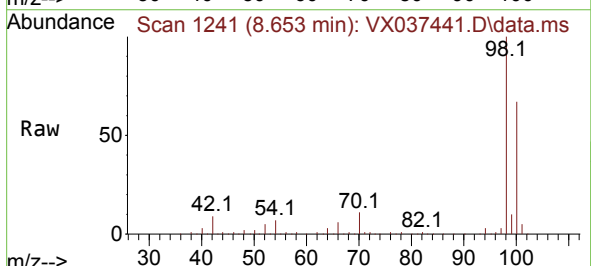
Instrument :
MSVOA_X
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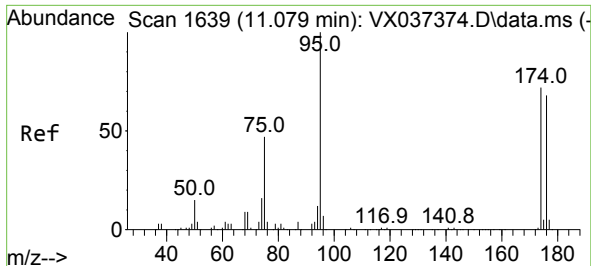
Tgt Ion: 98 Resp: 280291
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 206.6 30.4 45.6#

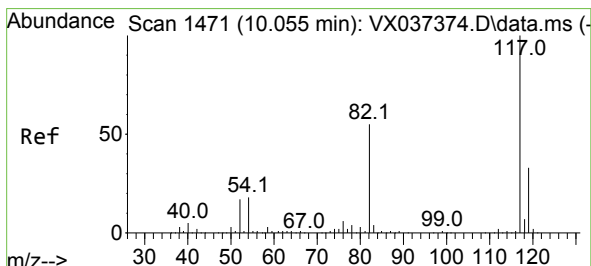
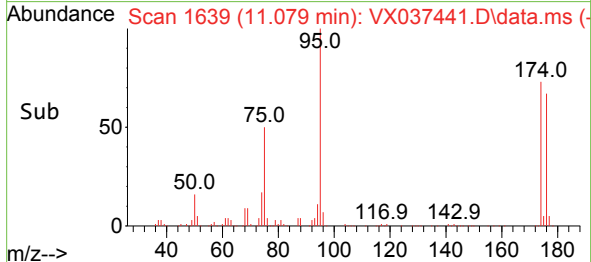
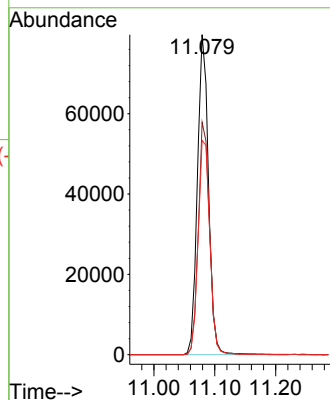
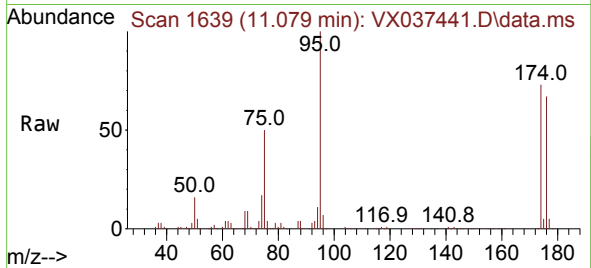




#62
4-Bromofluorobenzene
Concen: 44.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

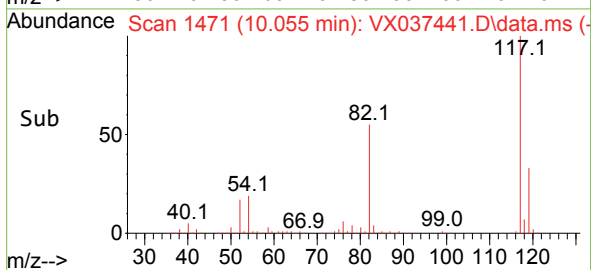
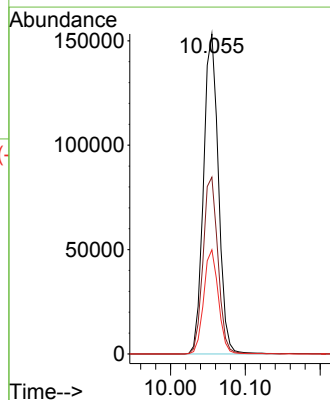
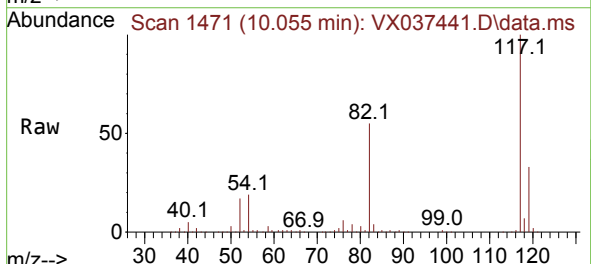
Instrument :
MSVOA_X
ClientSampleId :

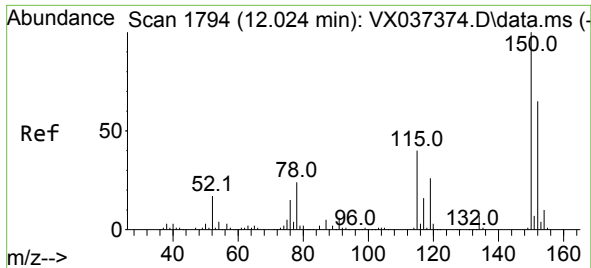
Tgt Ion: 95 Resp: 100399
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037441.D
Acq: 31 Aug 2023 19:31

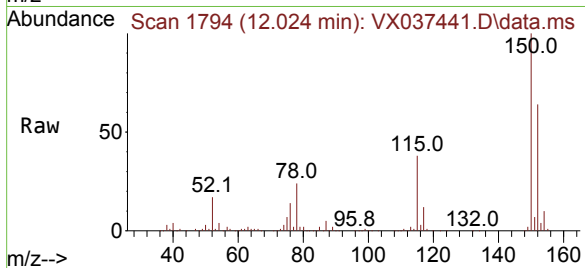
Tgt Ion: 117 Resp: 212154
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.6 25.5 38.3



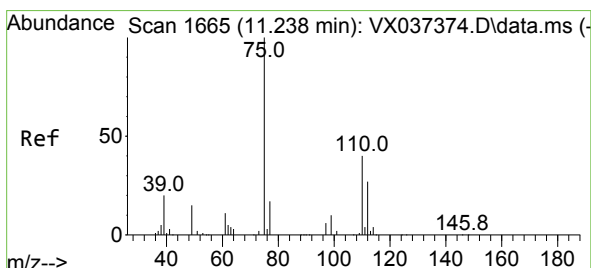
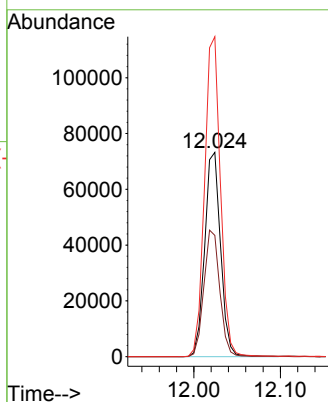
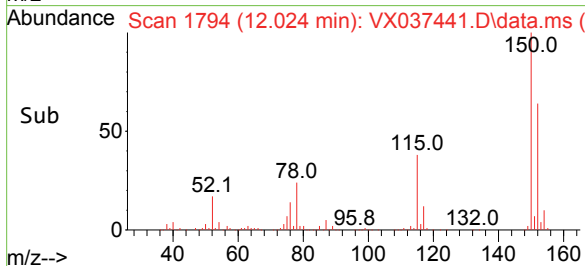


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037441.D
 Acq: 31 Aug 2023 19:31

Instrument :
 MSVOA_X
 ClientSampleId :

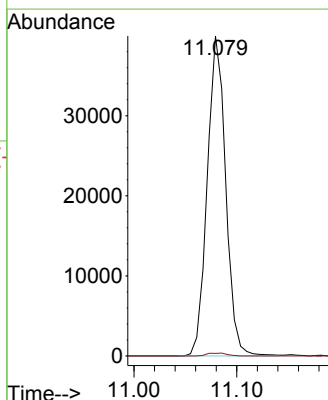
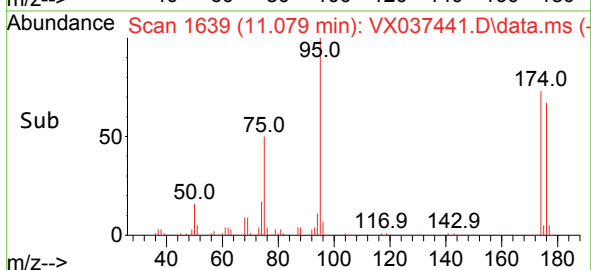
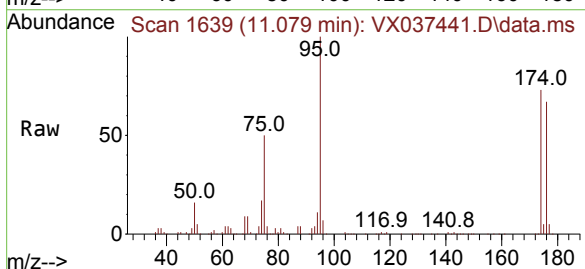


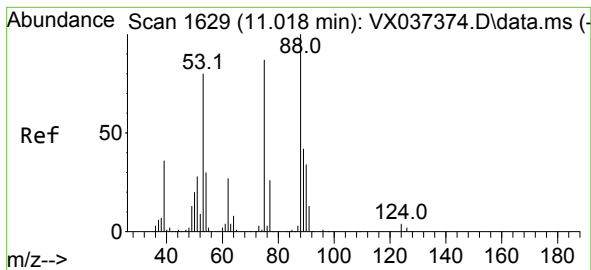
Tgt Ion:152 Resp: 93430
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.073 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037441.D
 Acq: 31 Aug 2023 19:31

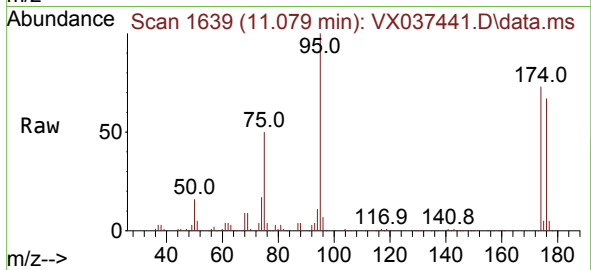
Tgt Ion: 75 Resp: 49890
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.031 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037441.D
 Acq: 31 Aug 2023 19:31

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 49890
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

