

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032223\
 Data File : VX034677.D
 Acq On : 22 Mar 2023 17:10
 Operator : JC/MD
 Sample : 02039-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Mar 23 07:55:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

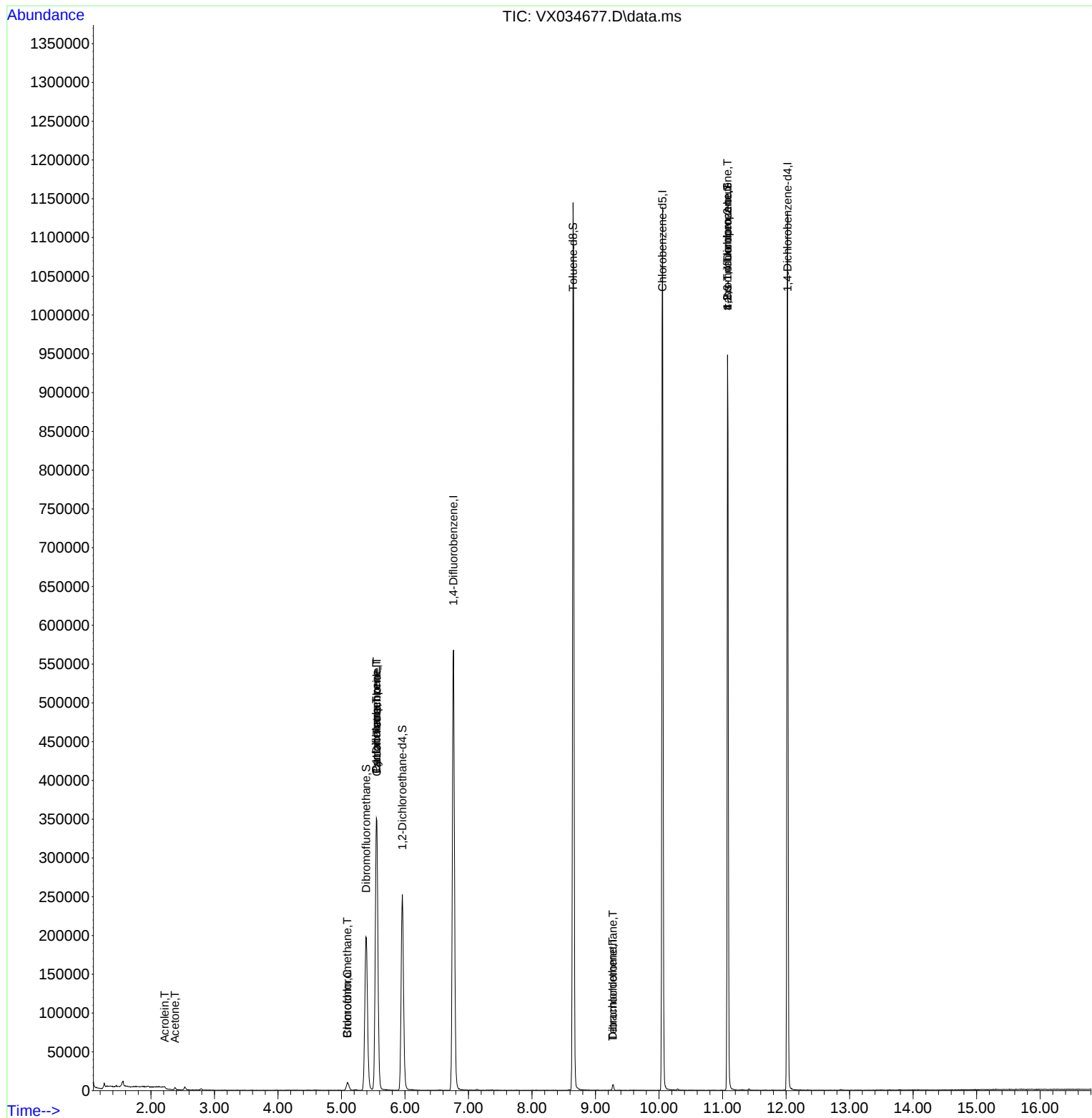
Internal Standards						
1) Pentafluorobenzene	5.550	168	325872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	561735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	491814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	225990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	252534	53.268	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.540%			
35) Dibromofluoromethane	5.385	113	176064	47.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.940%			
50) Toluene-d8	8.647	98	659524	47.635	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.280%			
62) 4-Bromofluorobenzene	11.079	95	252905	45.223	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.440%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	515	Below Cal	#	42
13) Acrolein	2.215	56	181	0.232	ug/l #	4
16) Acetone	2.379	43	2931	1.312	ug/l	93
28) Bromochloromethane	5.092	49	1058	0.307	ug/l #	15
30) Chloroform	5.092	83	11431	1.573	ug/l #	82
31) Cyclohexane	5.550	56	7415	1.115	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	28078	4.929	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35290	6.227	ug/l #	16
60) Dibromochloromethane	9.275	129	1428	0.333	ug/l #	10
64) Tetrachloroethene	9.268	164	1281	0.388	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	135147	26.045	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	135147	70.459	ug/l #	8

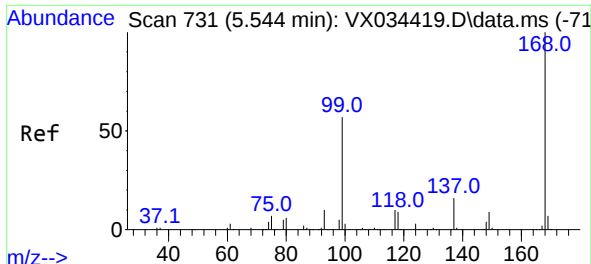
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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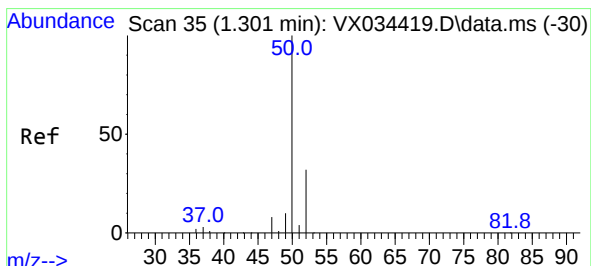
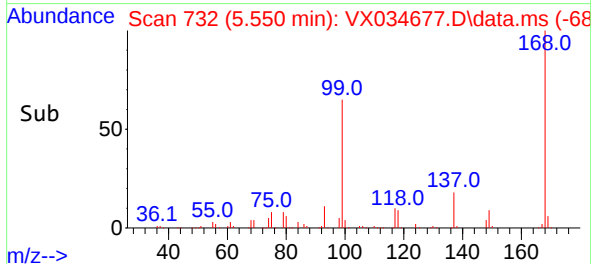
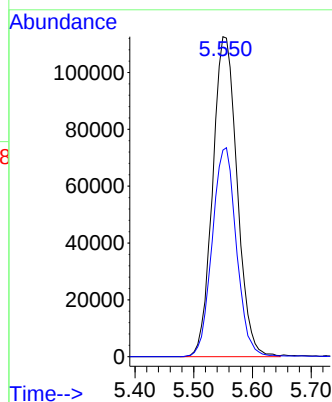
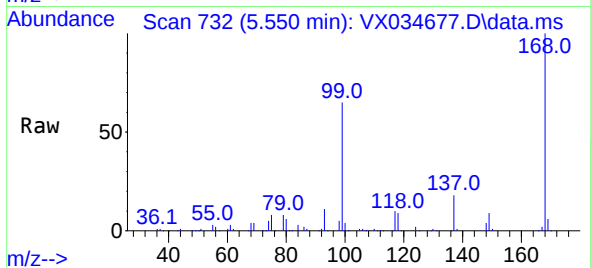




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

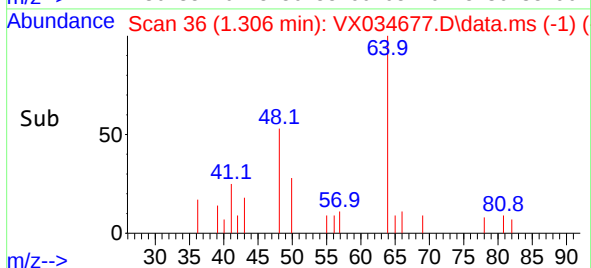
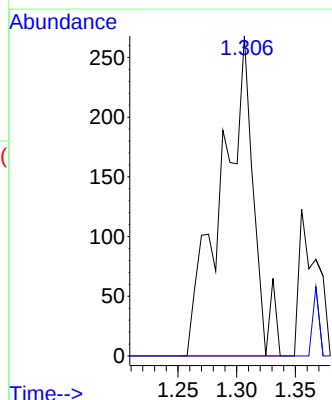
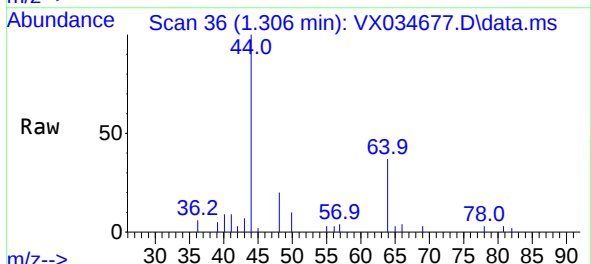
Instrument :
MSVOA_X
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MW-7

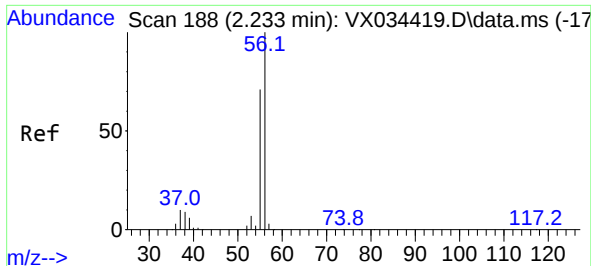
Tgt Ion:168 Resp: 325872
Ion Ratio Lower Upper
168 100
99 64.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.306 min Scan# 36
Delta R.T. 0.005 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

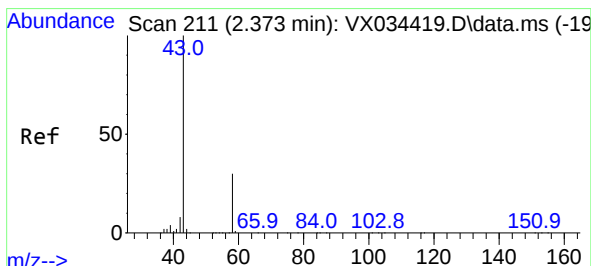
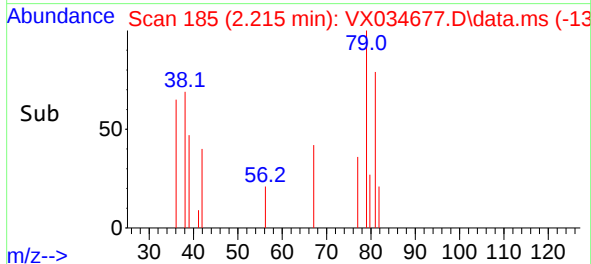
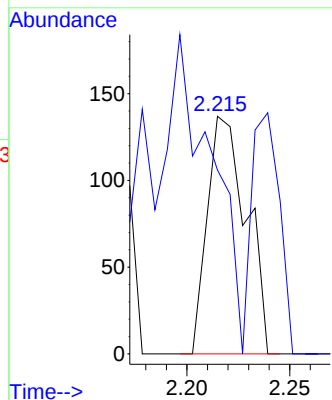
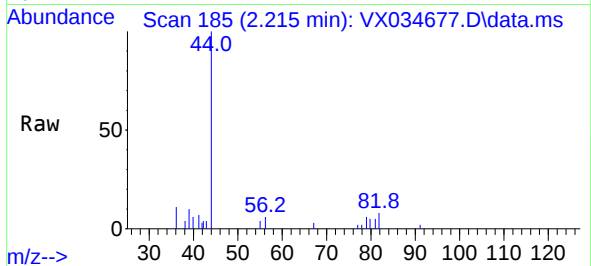




#13
Acrolein
Concen: 0.232 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

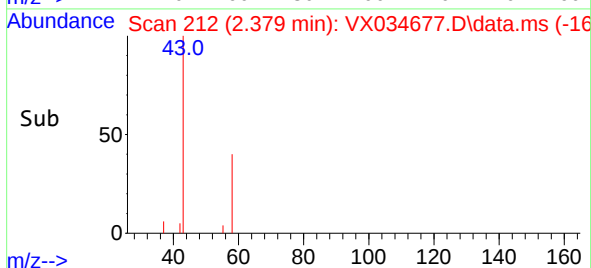
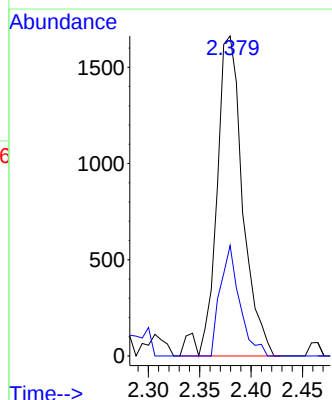
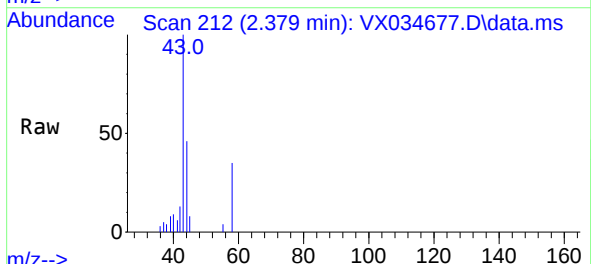
Instrument :
MSVOA_X
ClientSampleId :
MW-7

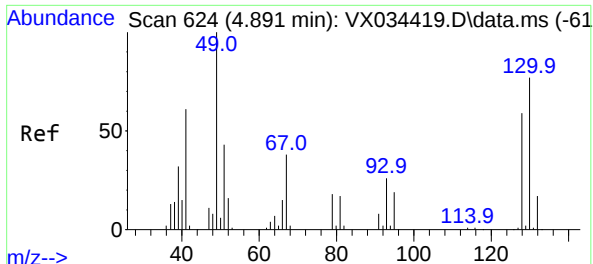
Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 149.7 56.6 85.0#



#16
Acetone
Concen: 1.312 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
58 34.5 24.7 37.1

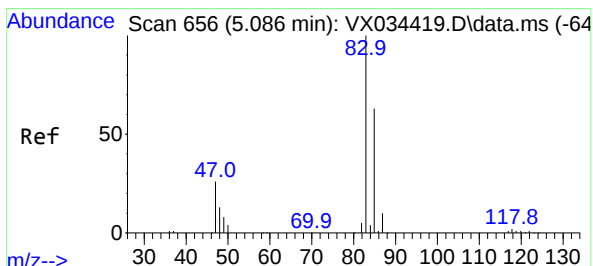
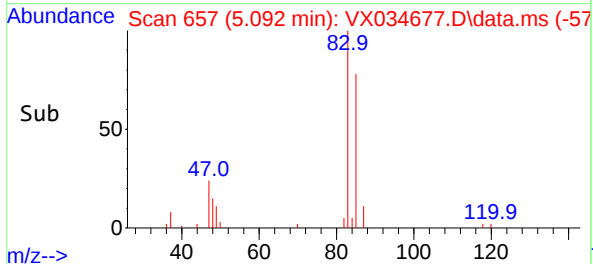
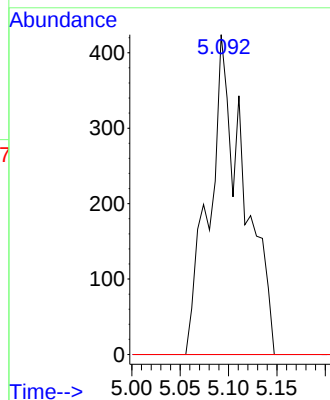
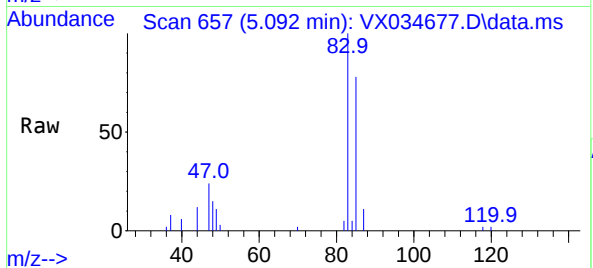




#28
Bromochloromethane
Concen: 0.307 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.201 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

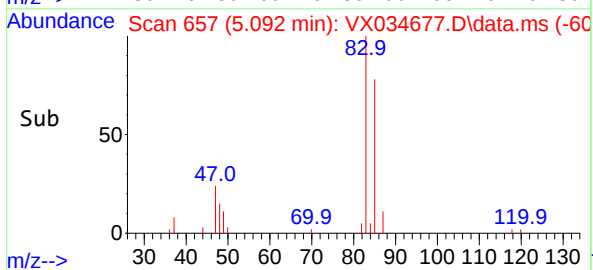
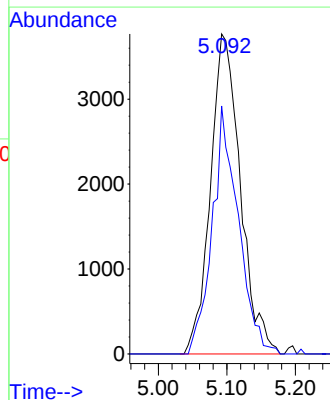
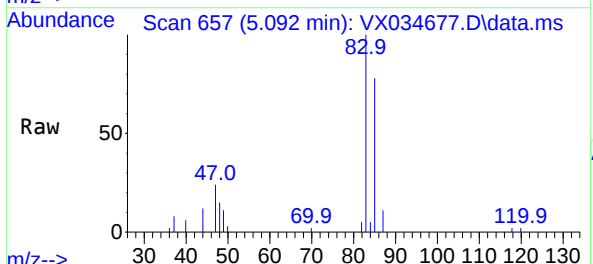
Instrument :
MSVOA_X
ClientSampleId :
MW-7

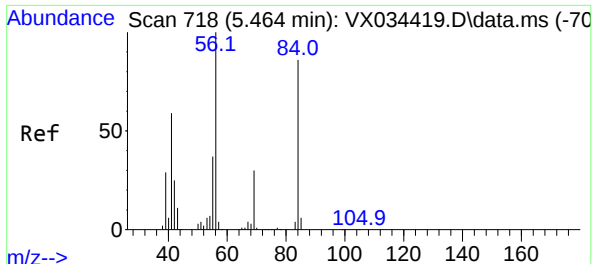
Tgt Ion: 49 Resp: 1058
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#



#30
Chloroform
Concen: 1.573 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion: 83 Resp: 11431
Ion Ratio Lower Upper
83 100
85 77.5 50.6 76.0#

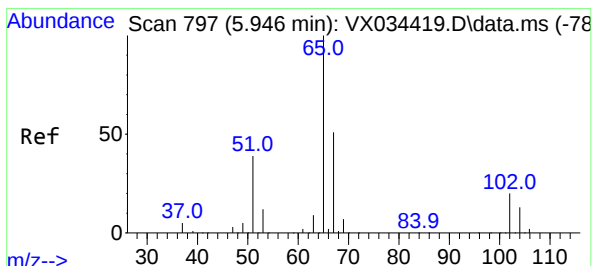
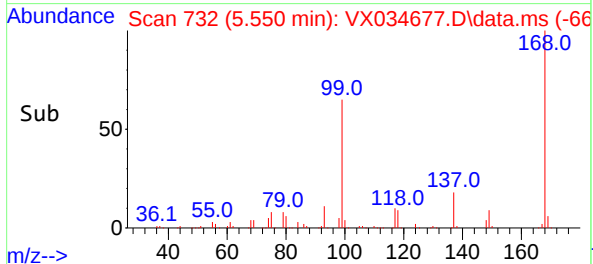
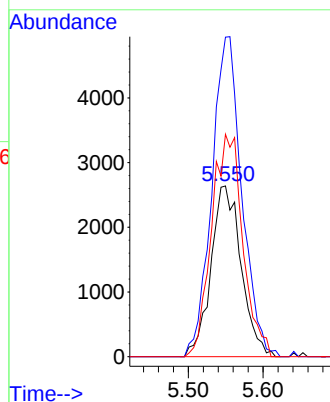
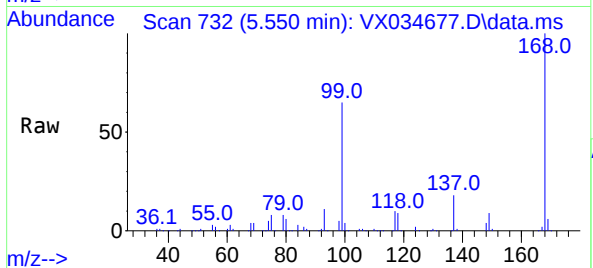




#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

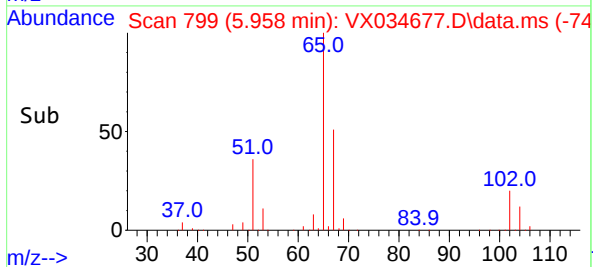
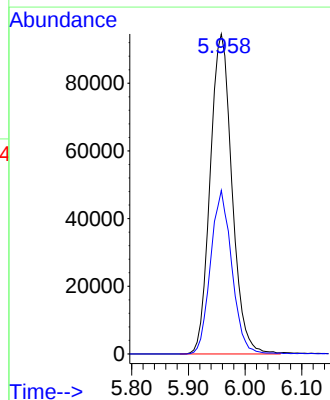
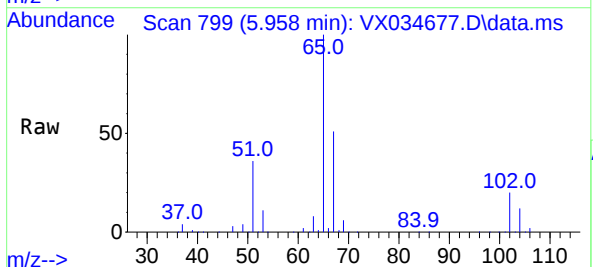
Instrument :
MSVOA_X
ClientSampleId :
MW-7

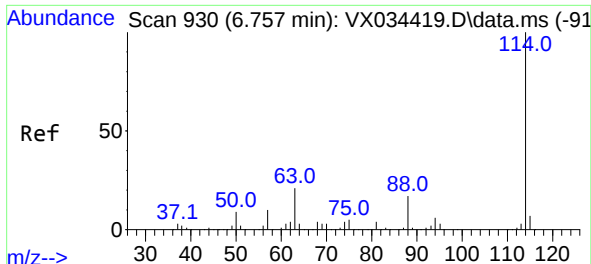
Tgt Ion: 56 Resp: 7415
Ion Ratio Lower Upper
56 100
69 187.2 23.7 35.5#
84 130.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 53.268 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.012 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion: 65 Resp: 252534
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0

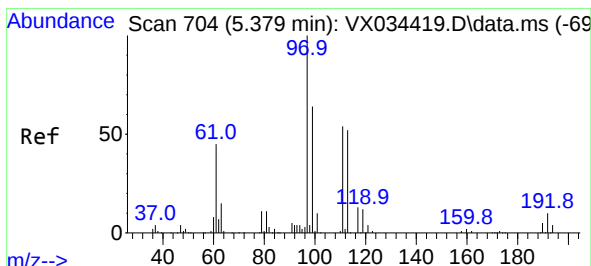
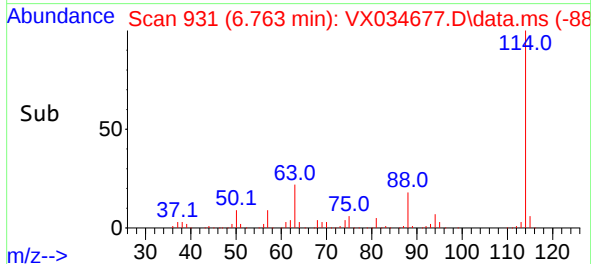
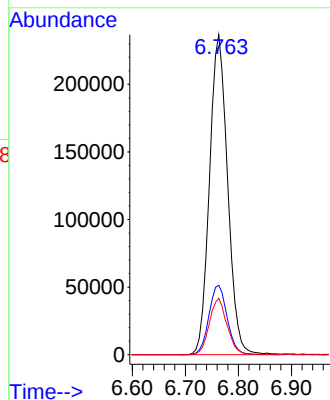
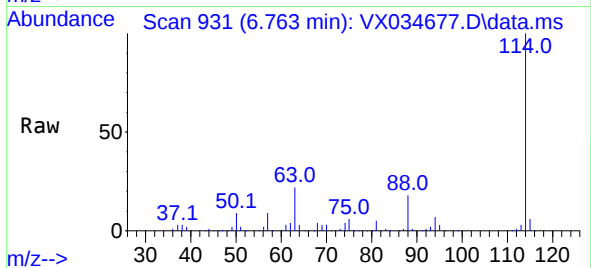




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

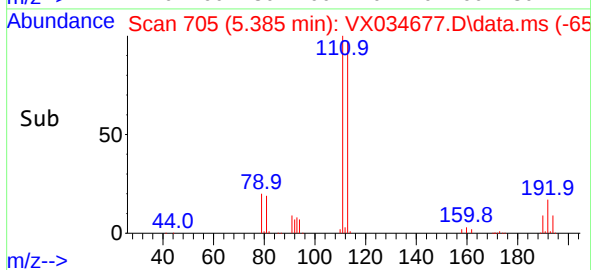
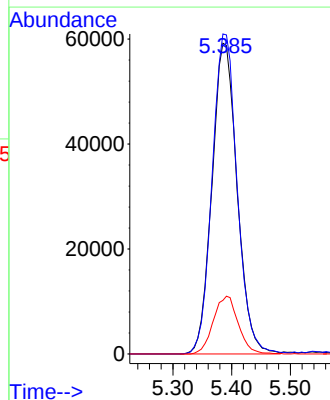
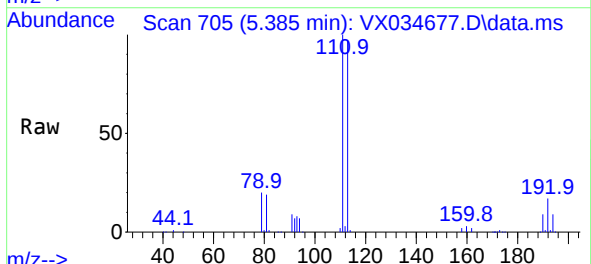
Instrument :
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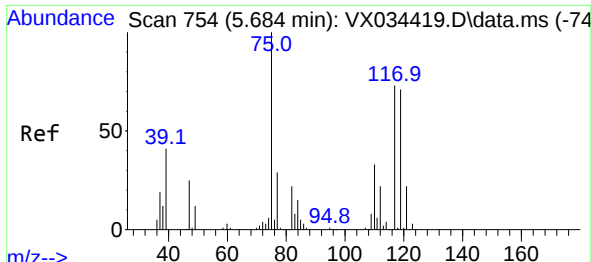
Tgt Ion:114 Resp: 561735
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.2
88 17.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.471 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion:113 Resp: 176064
Ion Ratio Lower Upper
113 100
111 102.4 83.7 125.5
192 18.4 15.4 23.2

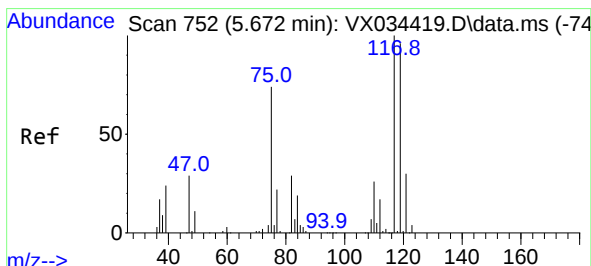
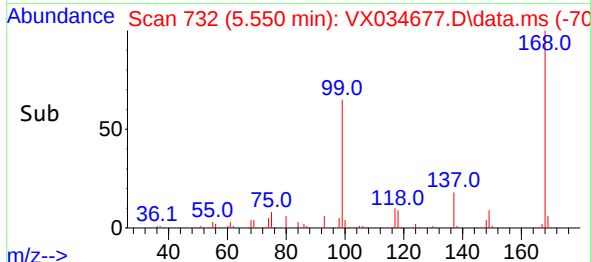
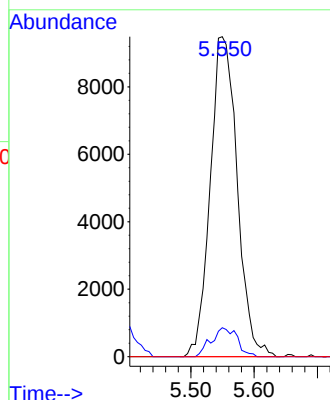
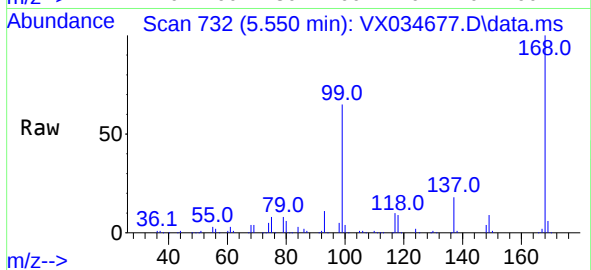




#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

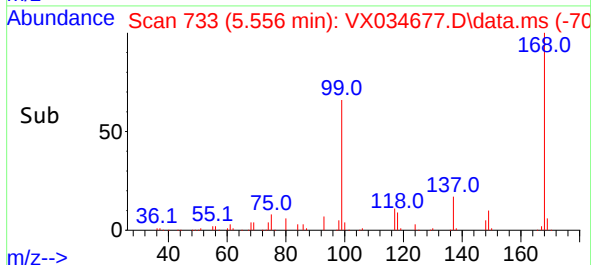
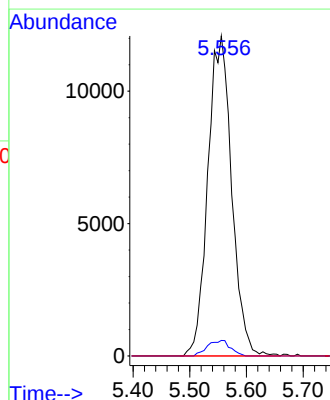
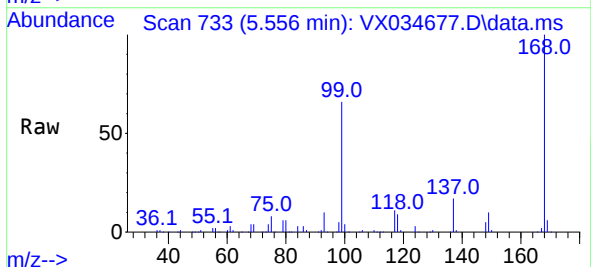
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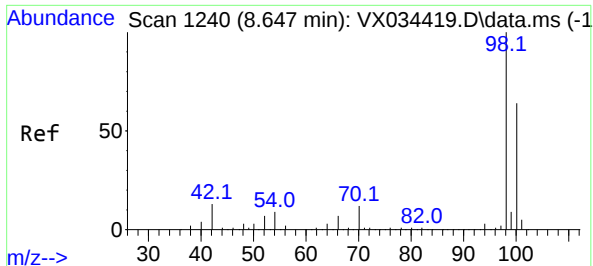
Tgt Ion: 75 Resp: 28078
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.227 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion: 117 Resp: 35290
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#

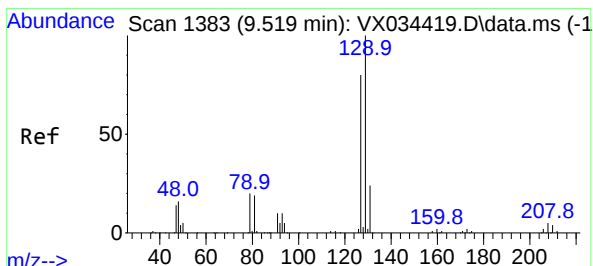
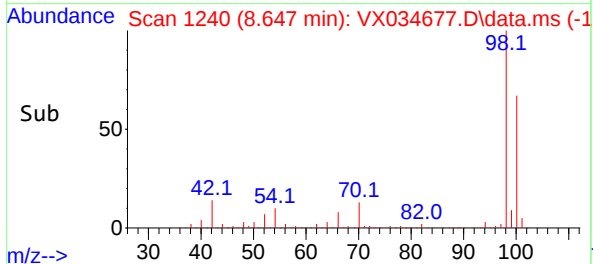
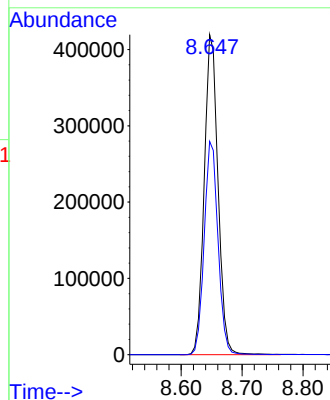
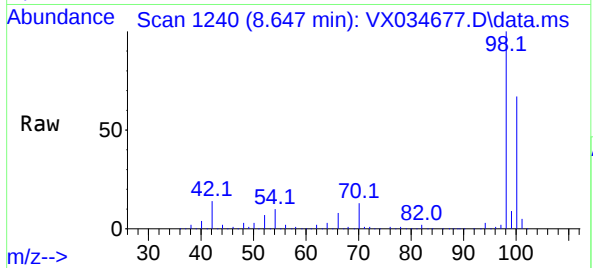




#50
Toluene-d8
Concen: 47.635 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

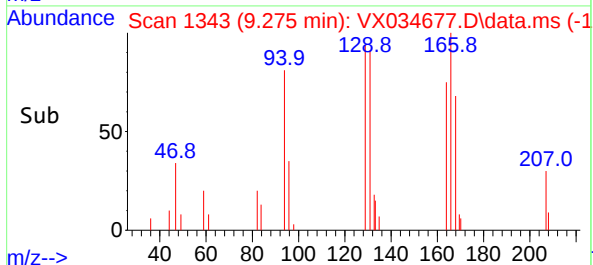
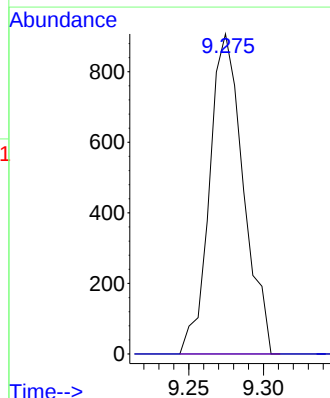
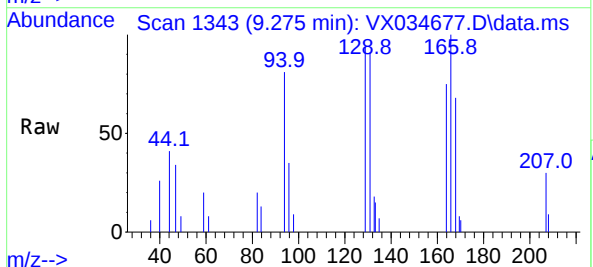
Instrument :
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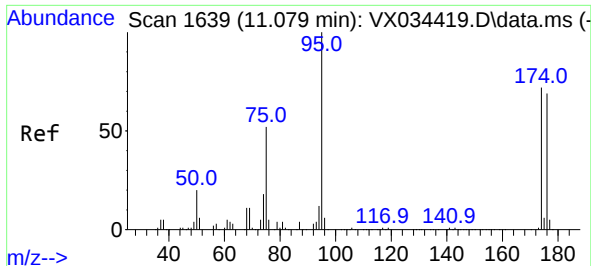
Tgt Ion: 98 Resp: 659524
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#60
Dibromochloromethane
Concen: 0.333 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion:129 Resp: 1428
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

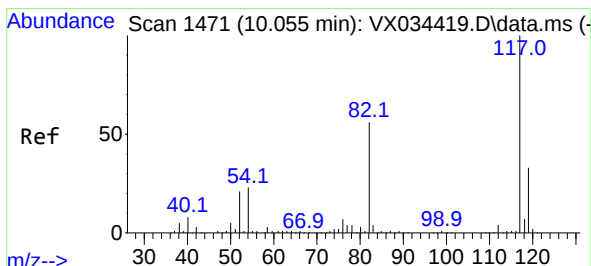
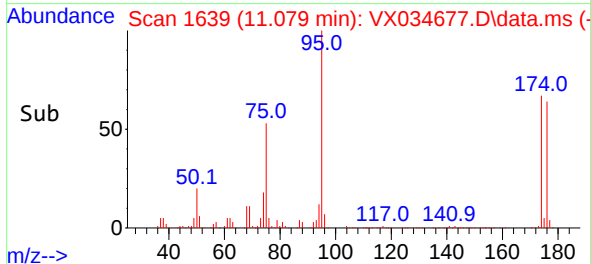
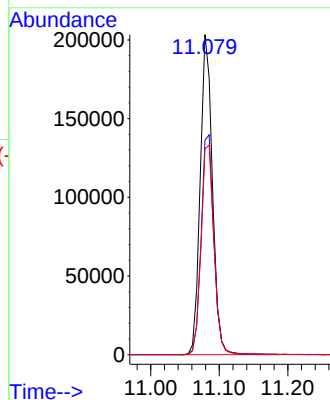
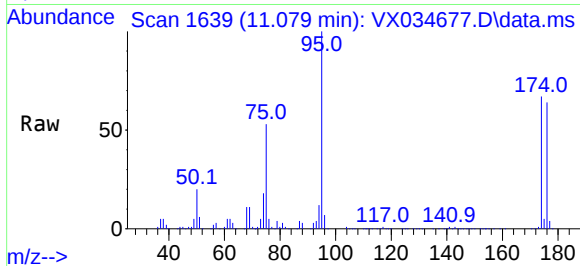




#62
4-Bromofluorobenzene
Concen: 45.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

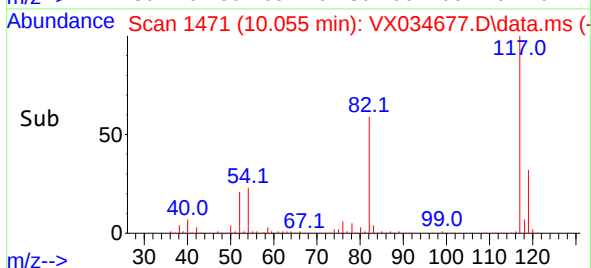
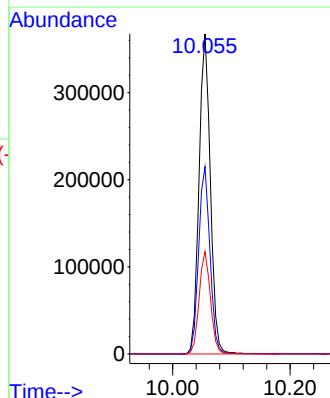
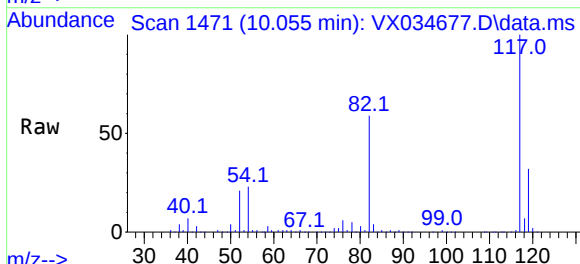
Instrument :
MSVOA_X
ClientSampleId :
MW-7

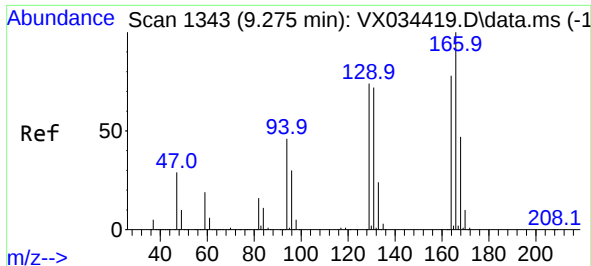
Tgt Ion: 95 Resp: 252905
Ion Ratio Lower Upper
95 100
174 71.3 0.0 147.4
176 68.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion: 117 Resp: 491814
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 32.0 26.0 39.0



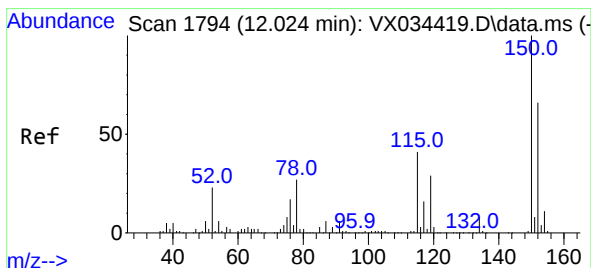
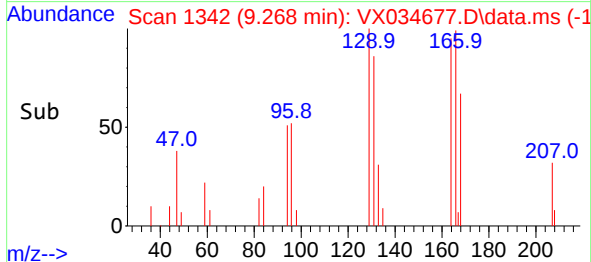
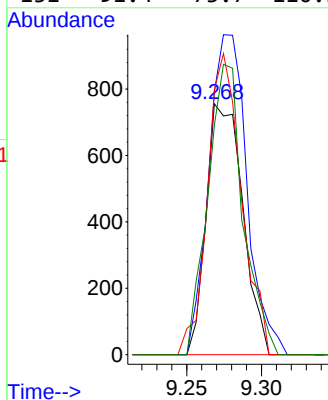
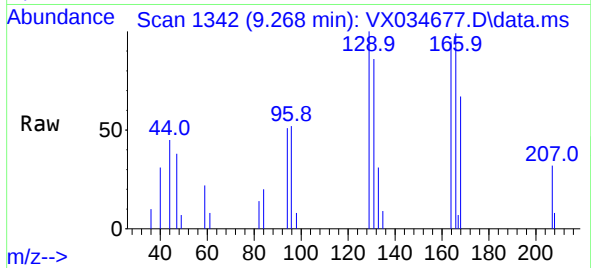


#64
Tetrachloroethene
Concen: 0.388 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion:164 Resp: 1281

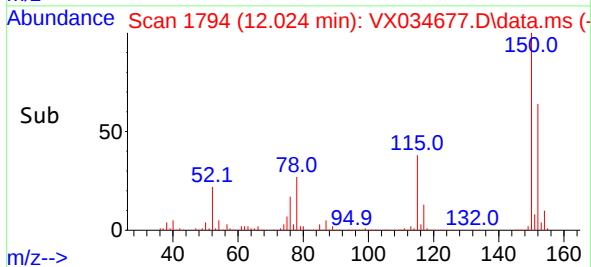
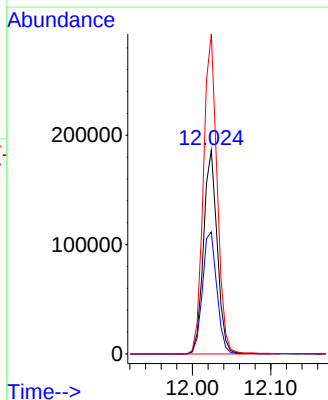
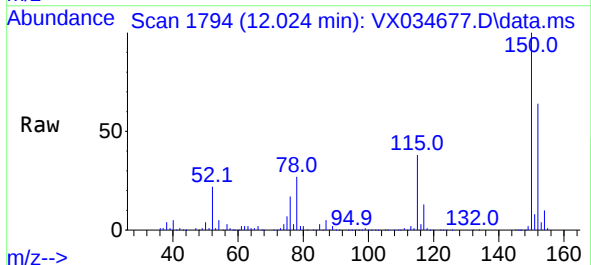
Ion	Ratio	Lower	Upper
164	100		
166	104.6	102.7	154.1
129	105.7	75.6	113.4
131	91.4	73.7	110.5

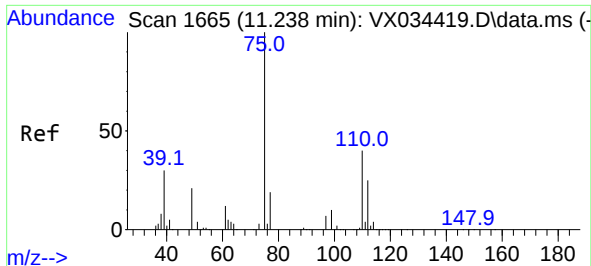


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion:152 Resp: 225990

Ion	Ratio	Lower	Upper
152	100		
115	62.8	45.0	135.0
150	157.9	0.0	352.4

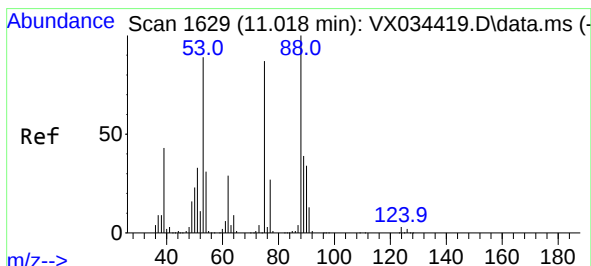
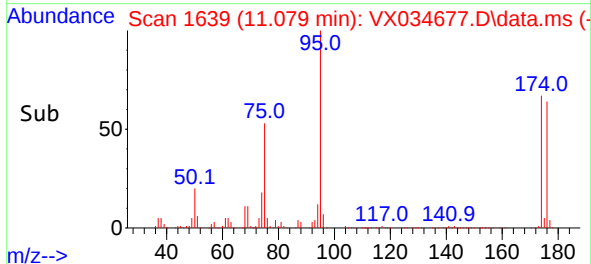
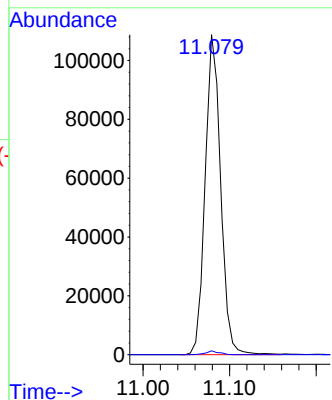
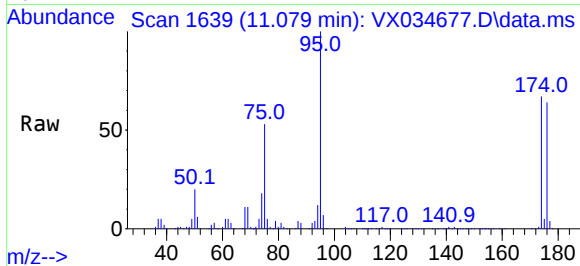




#76
1,2,3-Trichloropropane
Concen: 26.045 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
MW-7

Tgt Ion: 75 Resp: 135147
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034677.D
Acq: 22 Mar 2023 17:10

Tgt Ion: 75 Resp: 135147
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

