

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020226.D
 Acq On : 20 Dec 2020 14:04
 Operator : JC/MD
 Sample : L5094-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5565(S)-121320

Quant Time: Dec 21 02:51:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

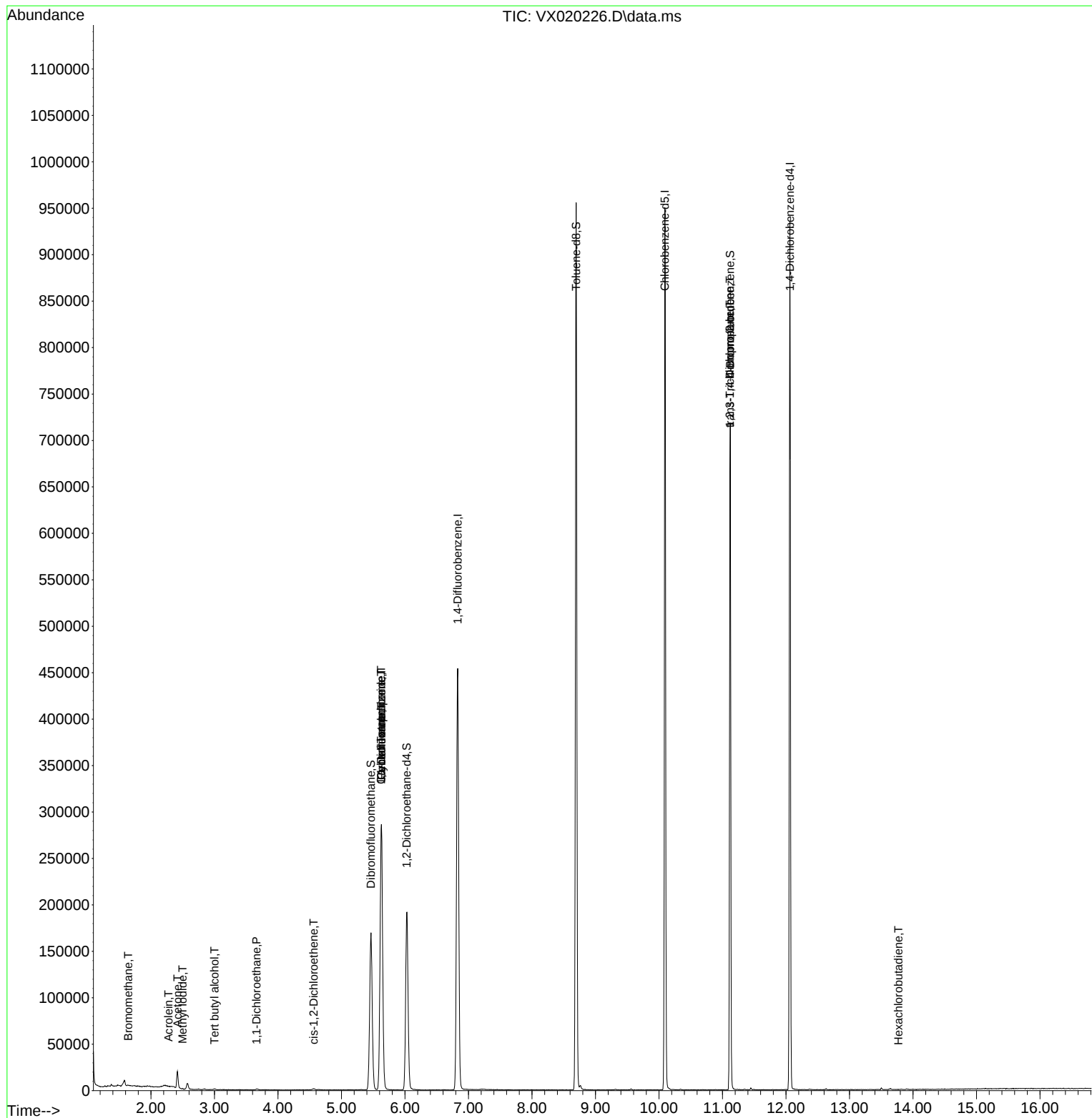
Internal Standards						
1) Pentafluorobenzene	5.629	168	274728	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	461538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	433792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	190482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	183219	49.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.50%		
35) Dibromofluoromethane	5.465	113	147562	49.98	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.96%		
50) Toluene-d8	8.696	98	569438	50.11	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.22%		
62) 4-Bromofluorobenzene	11.122	95	200070	46.00	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.00%		
Target Compounds						Qvalue
5) Bromomethane	1.642	94	756	0.63	ug/l #	66
10) Methyl Iodide	2.496	142	592	3.44	ug/l #	84
11) Tert butyl alcohol	3.002	59	665	0.81	ug/l #	73
13) Acrolein	2.276	56	189	0.37	ug/l #	14
16) Acetone	2.416	43	18738	11.16	ug/l	96
24) 1,1-Dichloroethane	3.660	63	1400	0.23	ug/l #	81
27) cis-1,2-Dichloroethene	4.562	96	878	0.23	ug/l	87
31) Cyclohexane	5.629	56	5247	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21411	4.69	ug/l #	48
38) Carbon Tetrachloride	5.623	117	27188	6.27	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	96876	20.65	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	96876	61.25	ug/l #	12
94) Hexachlorobutadiene	13.768	225	18	2.65	ug/l #	19

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
Data File : VX020226.D
Acq On : 20 Dec 2020 14:04
Operator : JC/MD
Sample : L5094-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

Quant Time: Dec 21 02:51:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

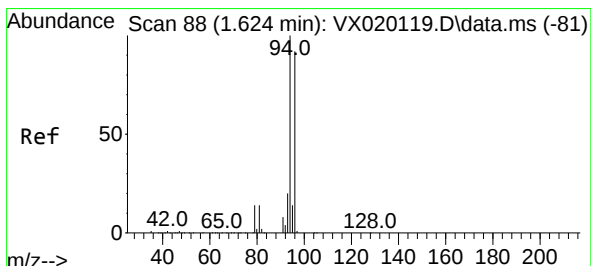
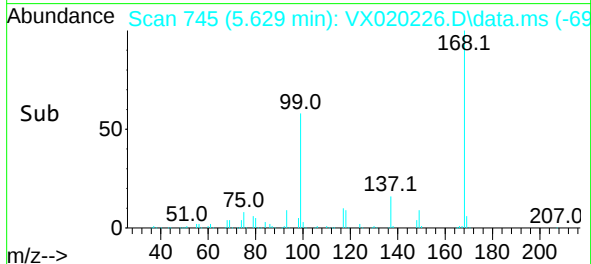
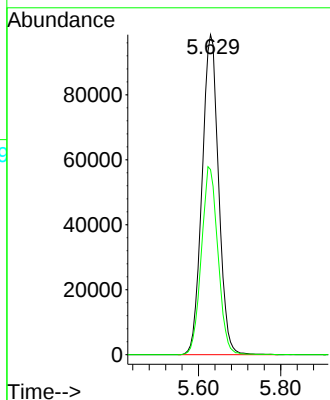
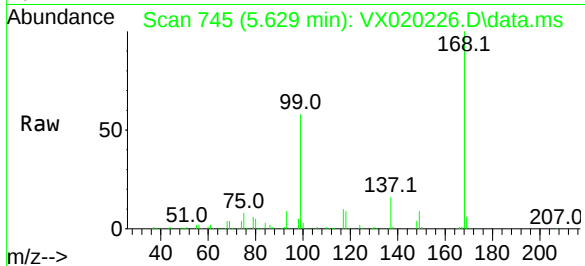




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

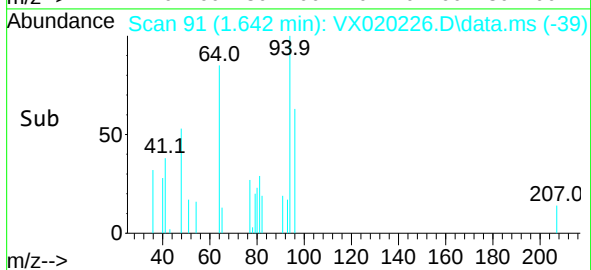
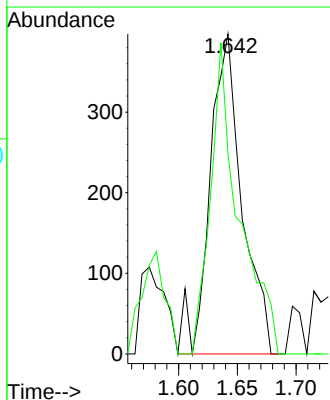
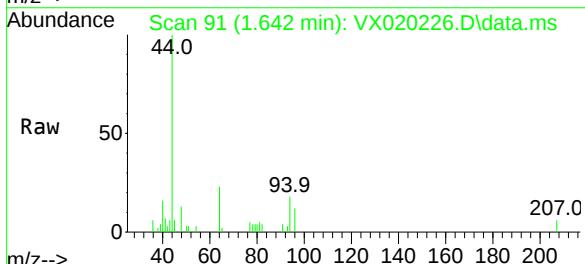
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

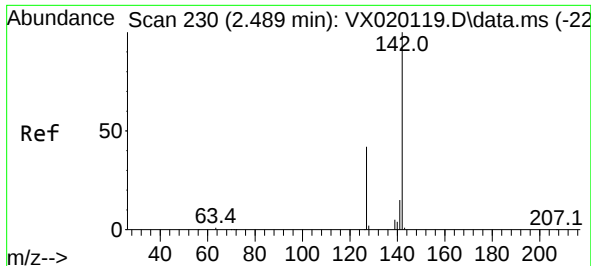
Tgt Ion:168 Resp: 274728
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#5
Bromomethane
Concen: 0.63 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

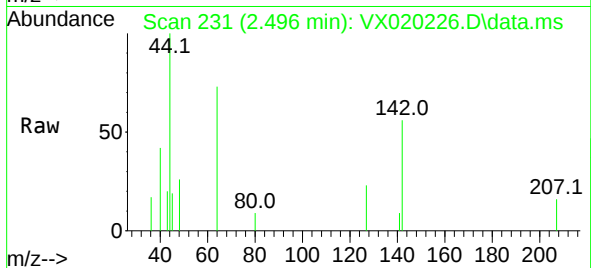
Tgt Ion: 94 Resp: 756
Ion Ratio Lower Upper
94 100
96 62.7 76.4 114.6#



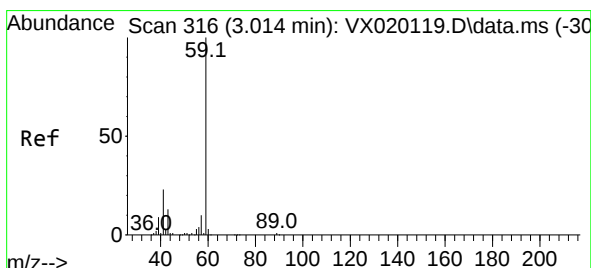
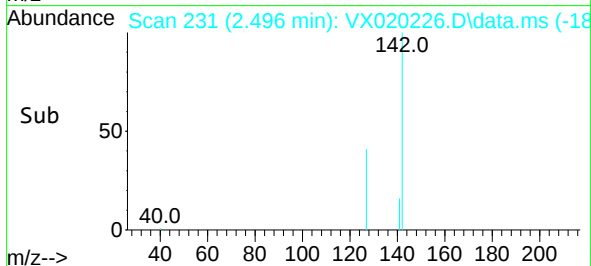
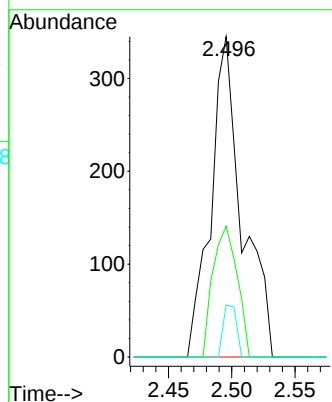


#10
Methyl Iodide
Concen: 3.44 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

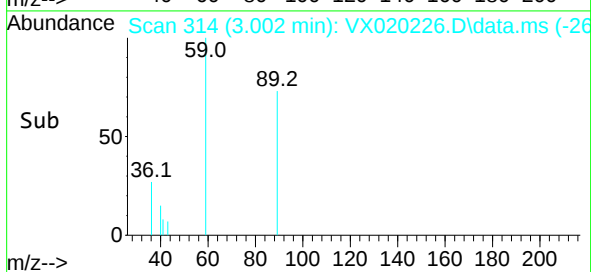
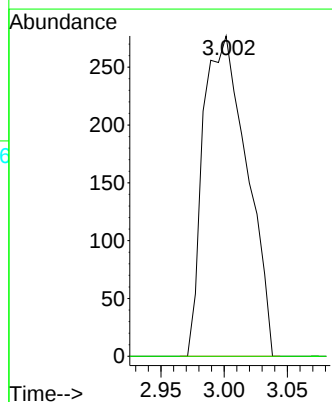
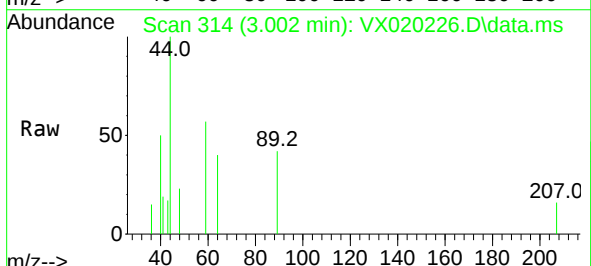


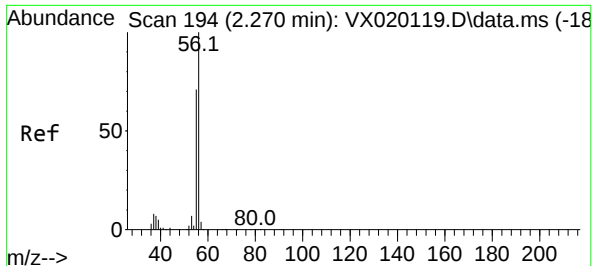
Tgt Ion	Ratio	Lower	Upper
142	100		
127	31.8	33.3	49.9#
141	6.8	11.4	17.0#



#11
Tert butyl alcohol
Concen: 0.81 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

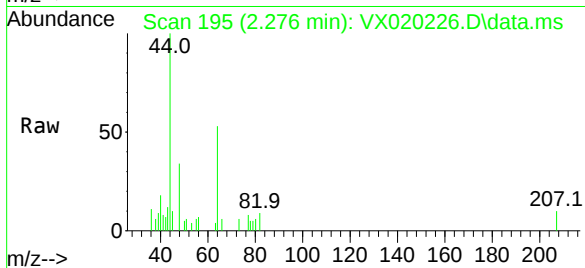
Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



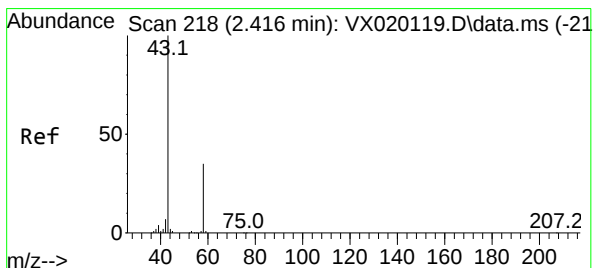
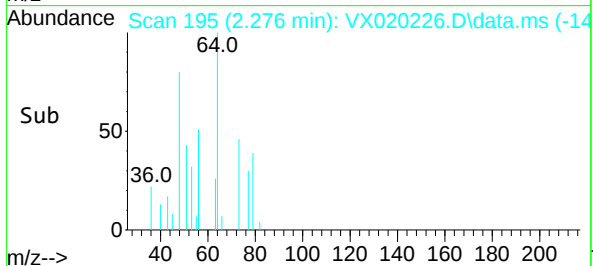
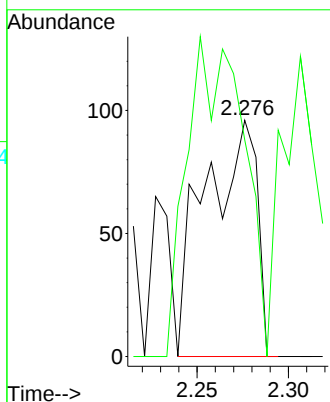


#13
Acrolein
Concen: 0.37 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

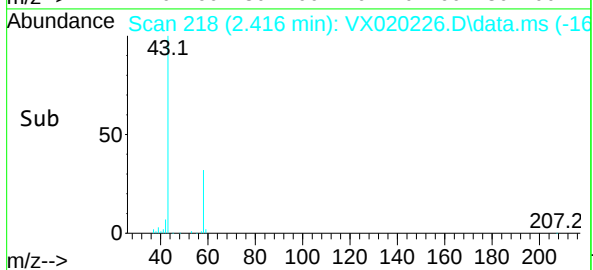
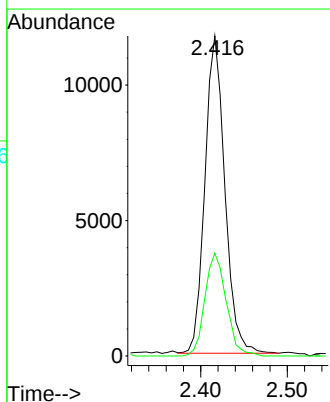
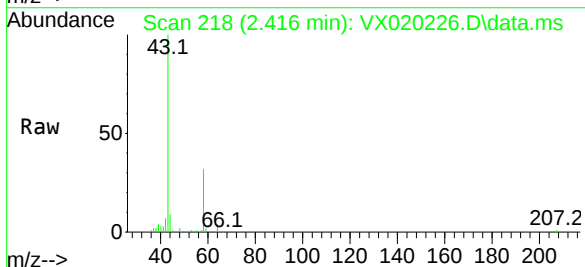


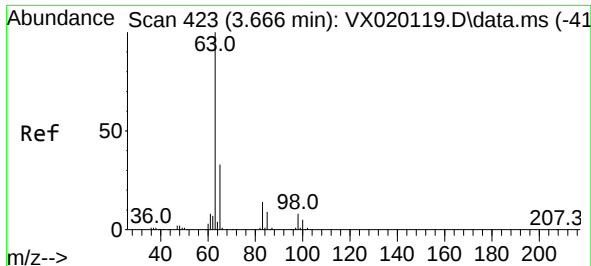
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 11.16 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

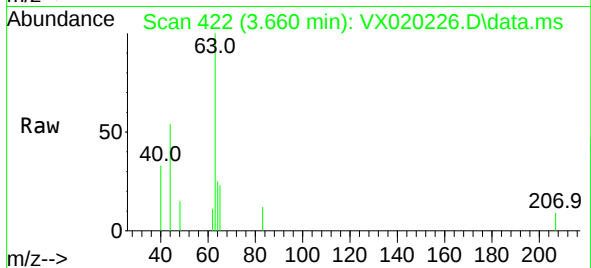
Tgt Ion: 43 Resp: 18738
Ion Ratio Lower Upper
43 100
58 32.4 27.8 41.8



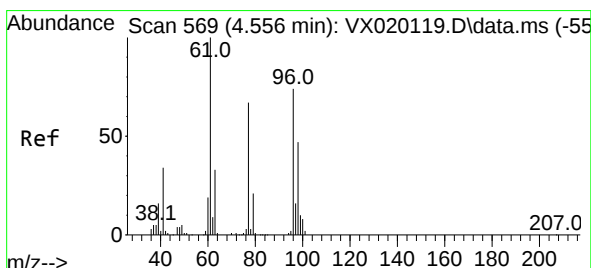
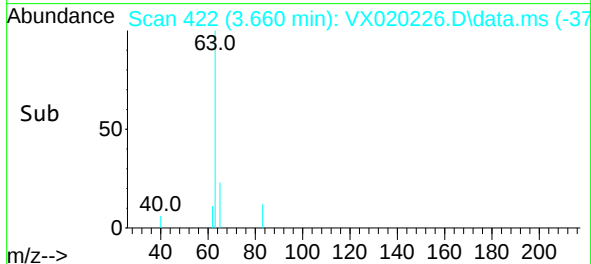
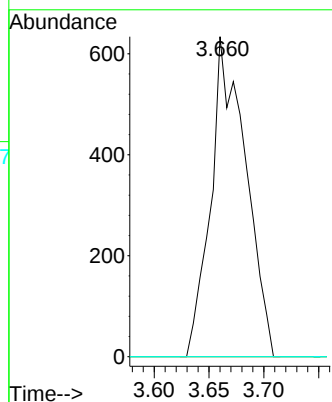


#24
1,1-Dichloroethane
Concen: 0.23 ug/l
RT: 3.660 min Scan# 422
Delta R.T. -0.006 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

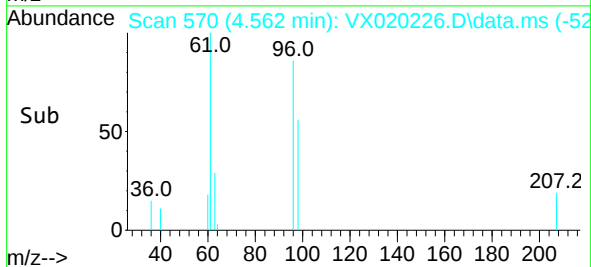
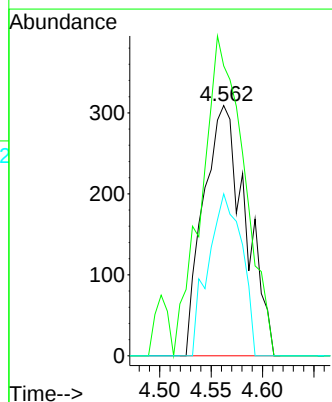
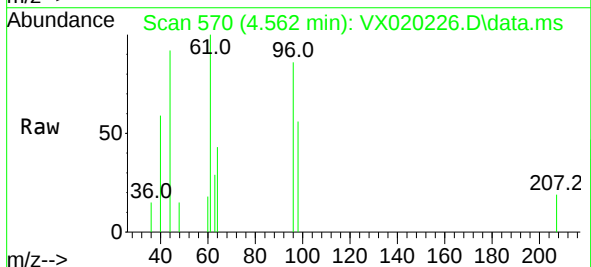


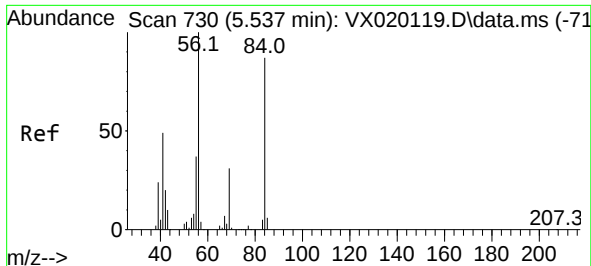
Tgt Ion: 63 Resp: 1400
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

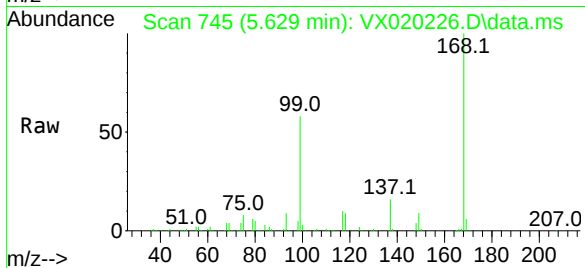
Tgt Ion: 96 Resp: 878
Ion Ratio Lower Upper
96 100
61 129.2 0.0 285.6
98 51.8 0.0 129.6



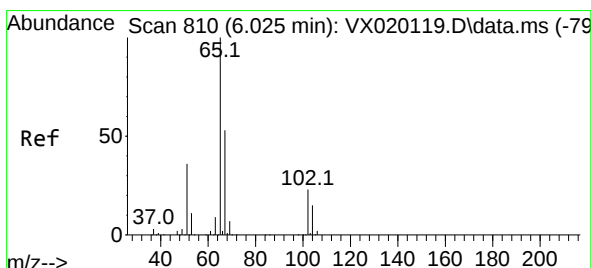
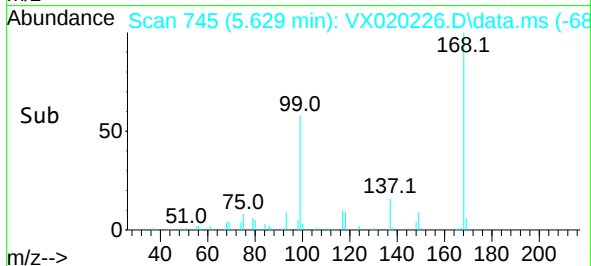
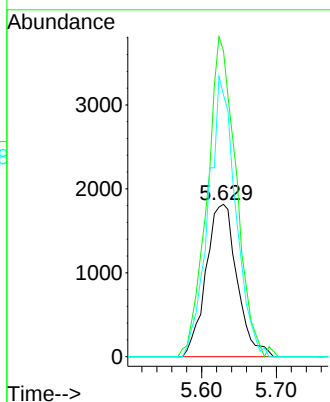


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

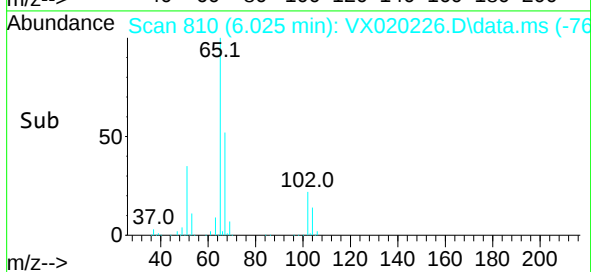
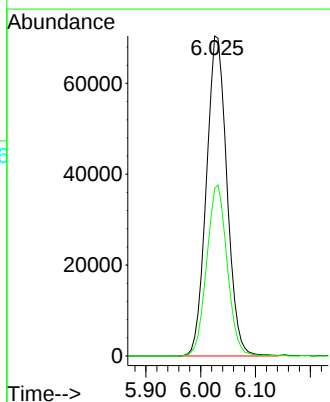
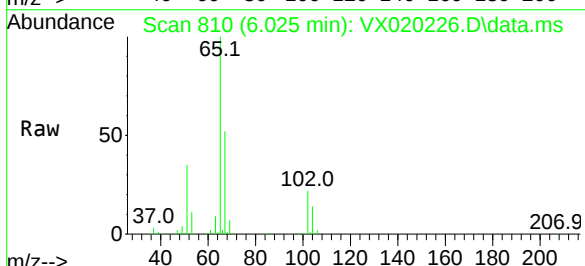


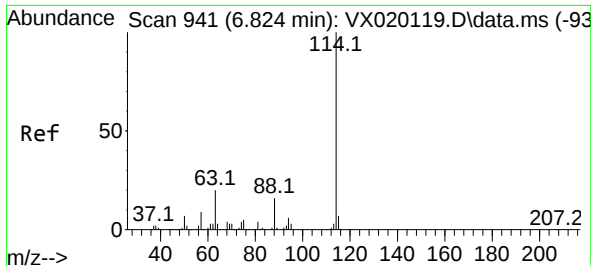
Tgt Ion: 56 Resp: 5247
Ion Ratio Lower Upper
56 100
69 200.8 25.3 37.9#
84 172.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.75 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

Tgt Ion: 65 Resp: 183219
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

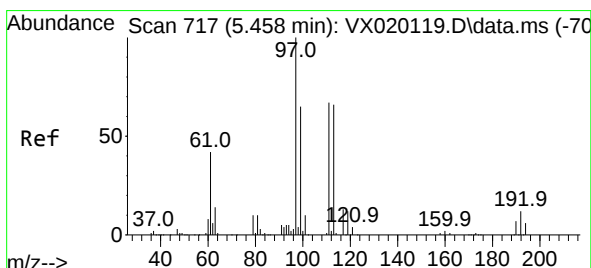
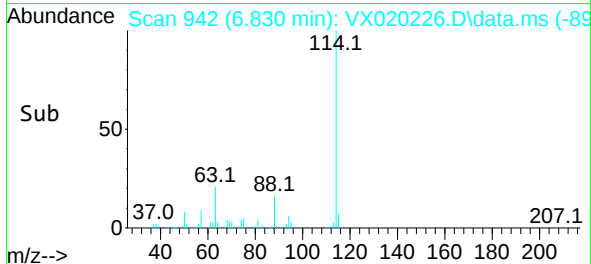
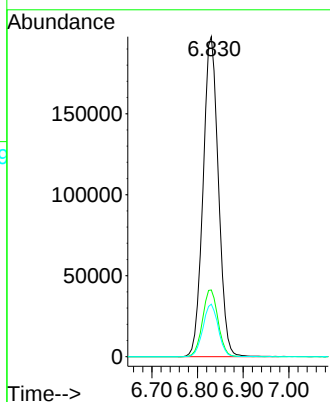
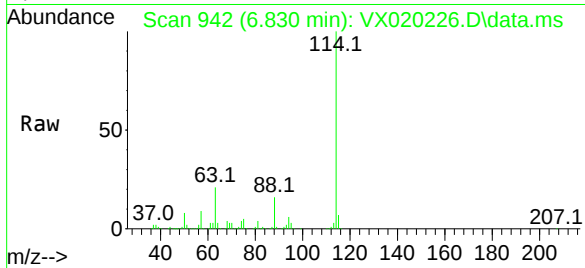




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

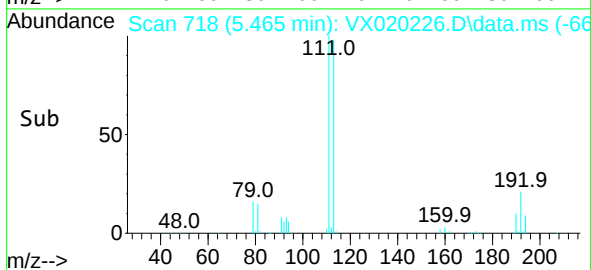
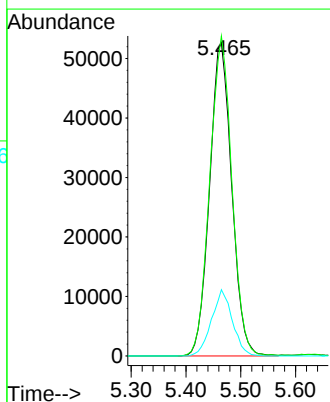
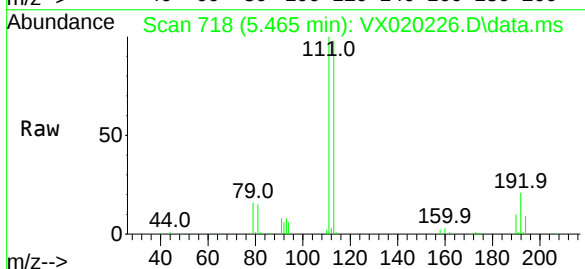
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

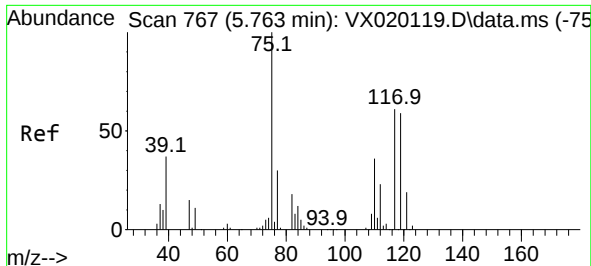
Tgt Ion:114 Resp: 461538
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.98 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

Tgt Ion:113 Resp: 147562
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 20.0 16.7 25.1

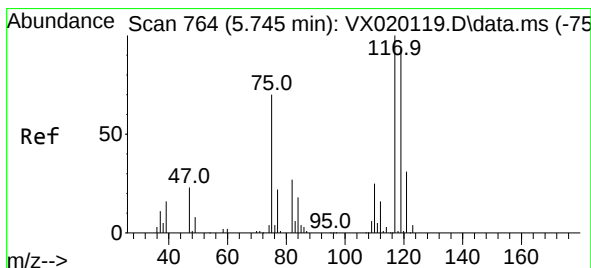
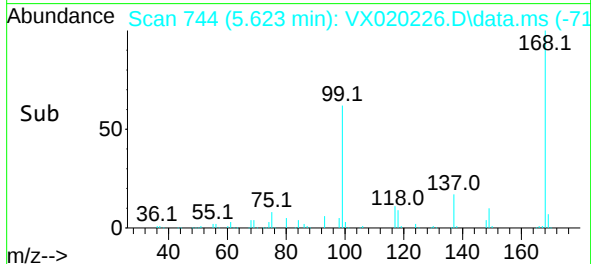
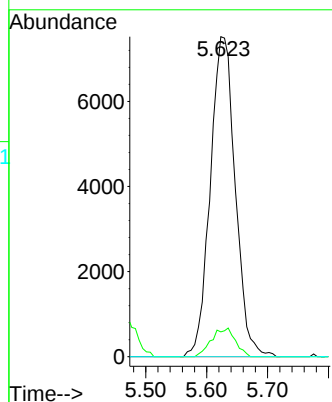
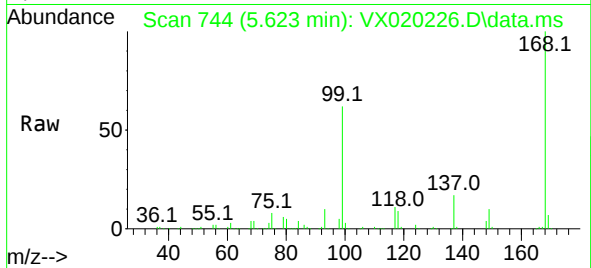




#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

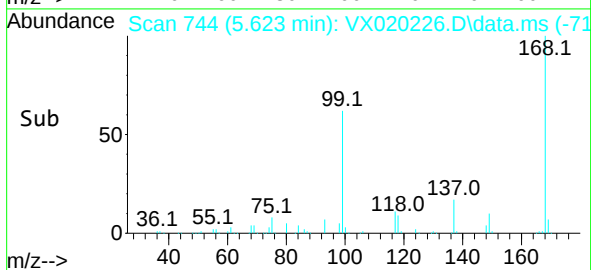
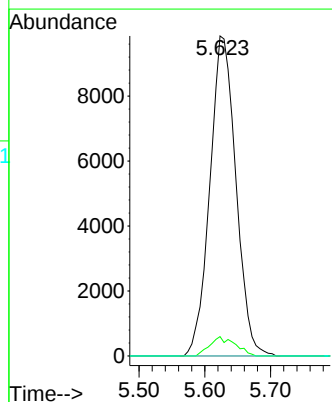
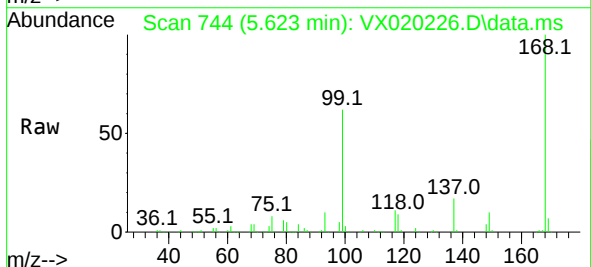
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

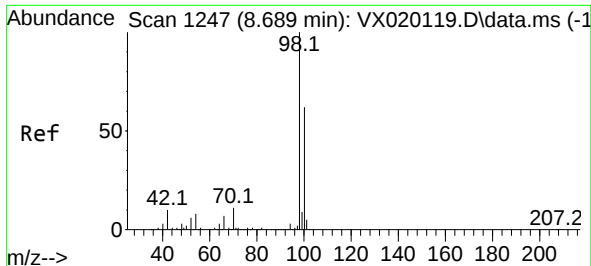
Tgt Ion: 75 Resp: 21411
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

Tgt Ion: 117 Resp: 27188
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

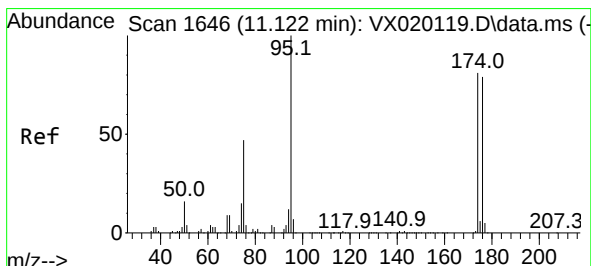
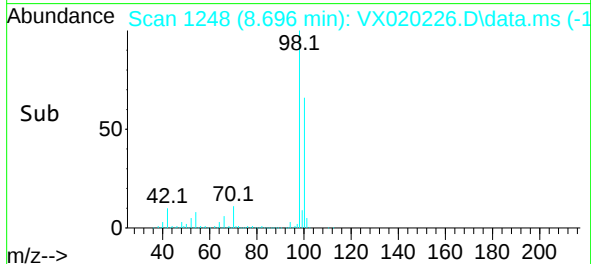
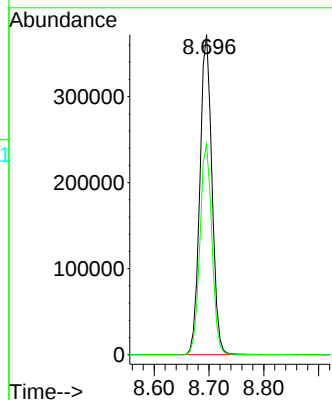
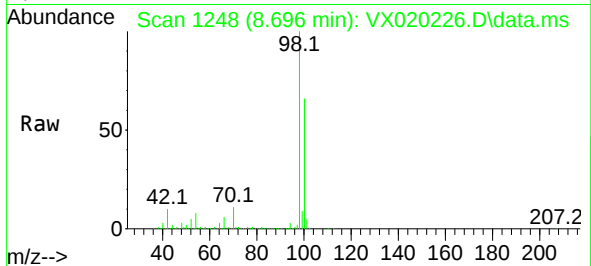




#50
Toluene-d8
Concen: 50.11 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

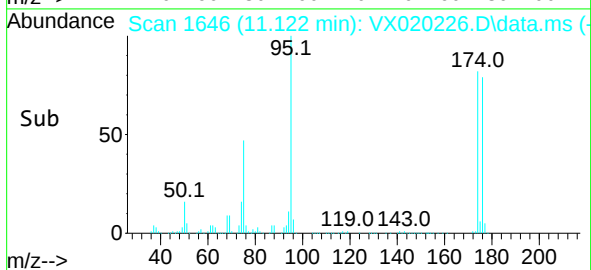
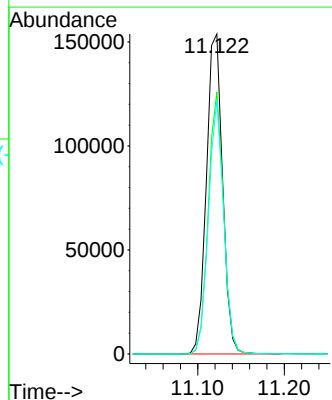
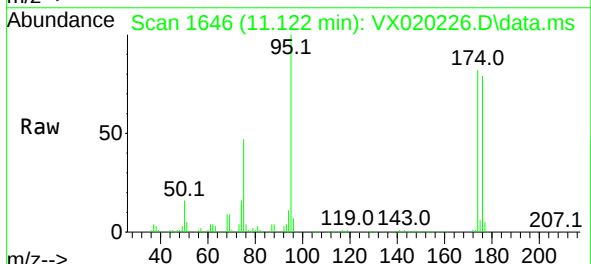
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

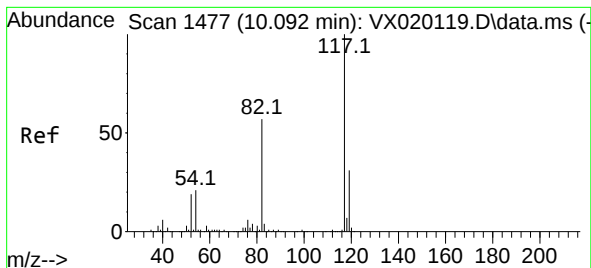
Tgt Ion: 98 Resp: 569438
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.00 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

Tgt Ion: 95 Resp: 200070
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 74.4 0.0 155.8

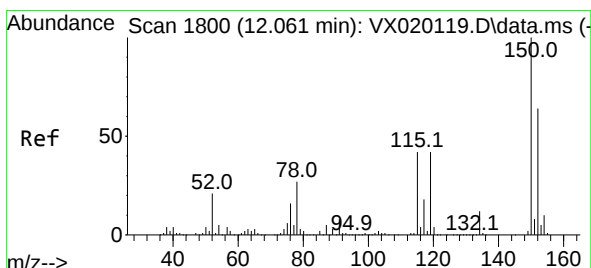
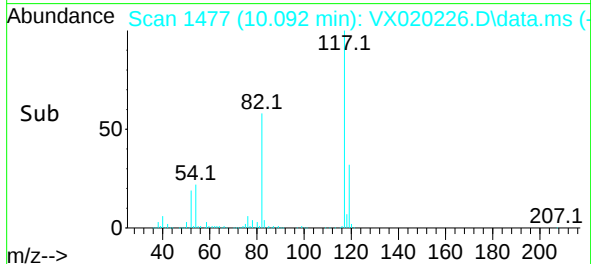
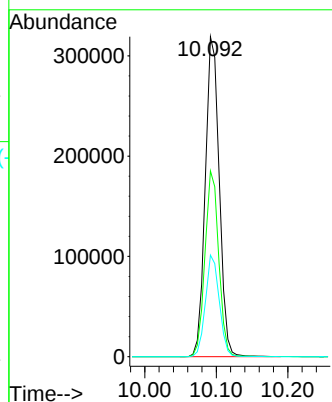
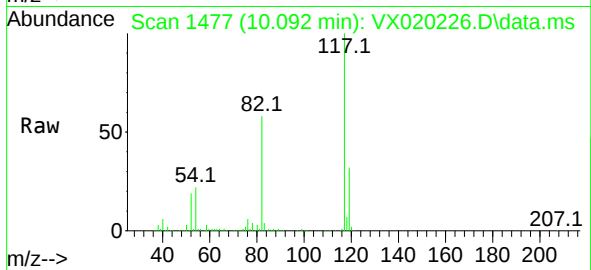




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

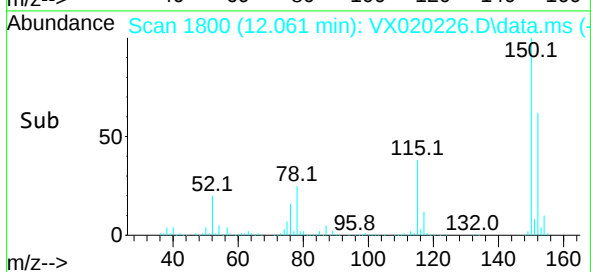
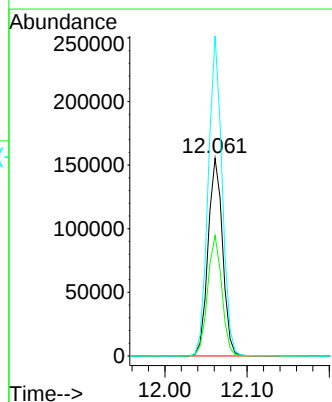
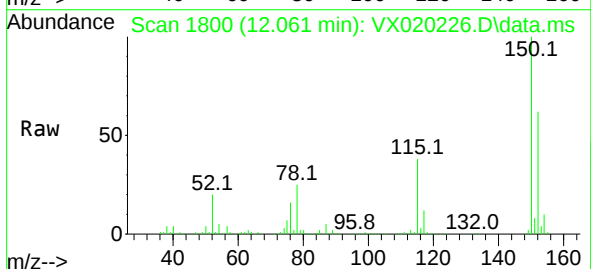
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

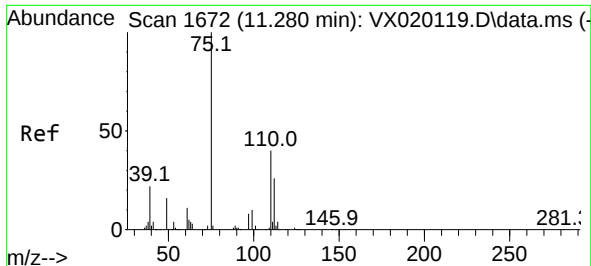
Tgt Ion:117 Resp: 433792
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

Tgt Ion:152 Resp: 190482
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 154.9 0.0 349.0

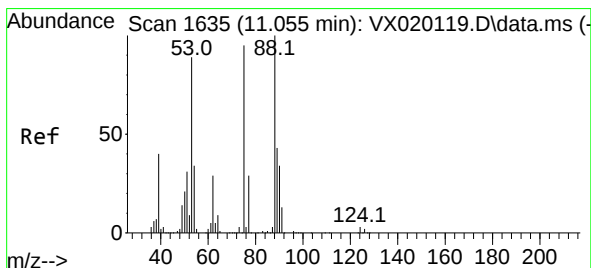
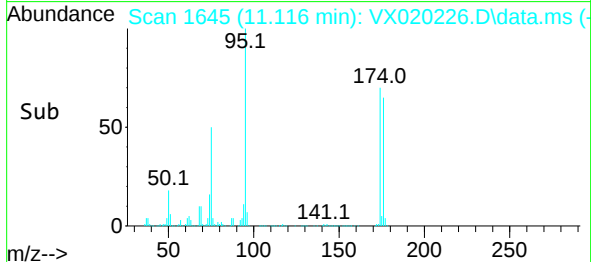
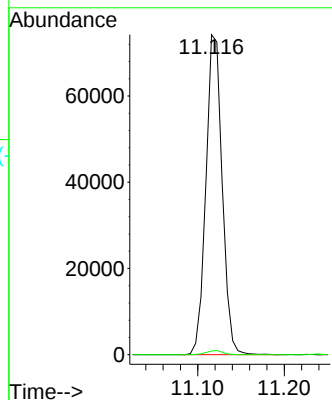
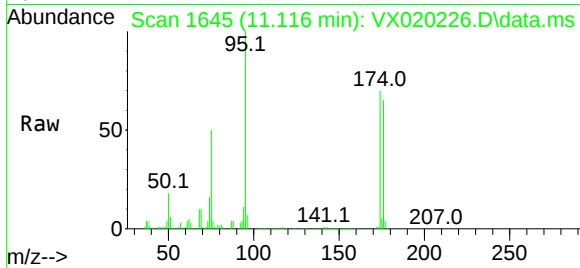




#76
1,2,3-Trichloropropane
Concen: 20.65 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

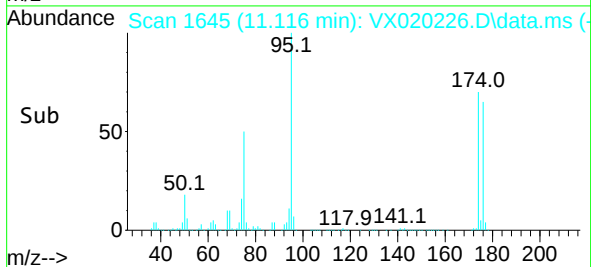
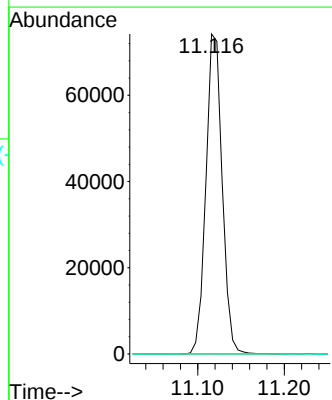
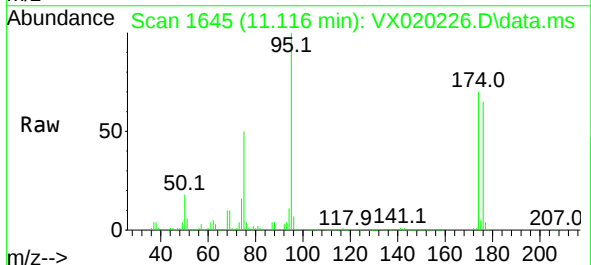
Instrument :
MSVOA_X
ClientSampleId :
49-5565(S)-121320

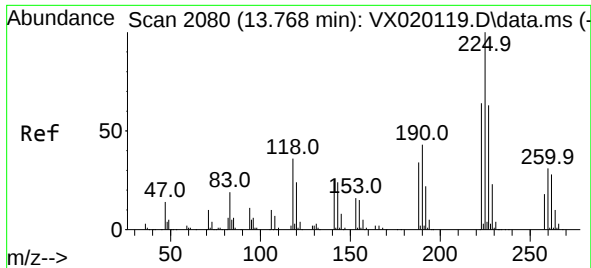
Tgt Ion: 75 Resp: 96876
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.25 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020226.D
Acq: 20 Dec 2020 14:04

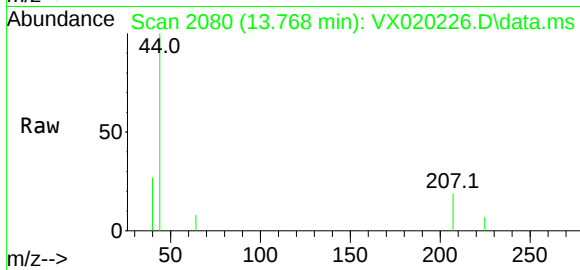
Tgt Ion: 75 Resp: 96876
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.65 ug/l
 RT: 13.768 min Scan# 2080
 Delta R.T. -0.000 min
 Lab File: VX020226.D
 Acq: 20 Dec 2020 14:04

Instrument :
 MSVOA_X
 ClientSampleId :
 49-5565(S)-121320



Tgt Ion:225 Resp: 18
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.2#
 227 0.0 31.6 95.0#

