

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021837.D
 Acq On : 23 Apr 2021 13:10
 Operator : JC/MD
 Sample : VX0423WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:02:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

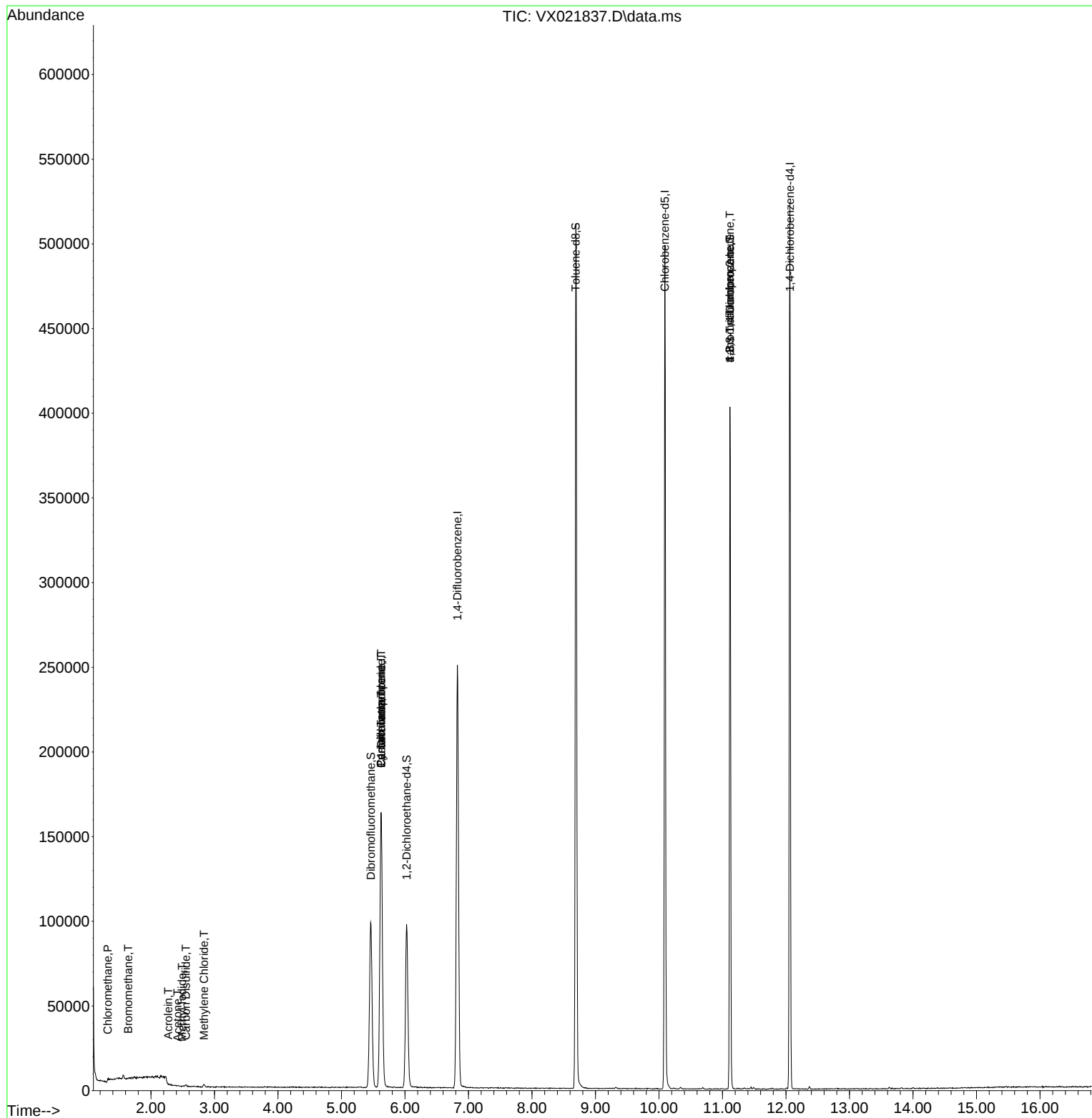
Internal Standards						
1) Pentafluorobenzene	5.623	168	165129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	274844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	243996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	114522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	90660	48.40	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.80%
35) Dibromofluoromethane	5.465	113	87680	49.89	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.78%
50) Toluene-d8	8.690	98	326639	48.33	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.66%
62) 4-Bromofluorobenzene	11.116	95	114845	45.51	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.02%
Target Compounds						Qvalue
3) Chloromethane	1.319	50	871	0.72	ug/l	93
5) Bromomethane	1.642	94	243	0.29	ug/l	84
10) Methyl Iodide	2.489	142	210	8.29	ug/l #	42
13) Acrolein	2.270	56	135	0.41	ug/l #	81
16) Acetone	2.416	43	277	0.43	ug/l #	40
17) Carbon Disulfide	2.550	76	1179	0.27	ug/l	97
20) Methylene Chloride	2.837	84	846	0.44	ug/l	88
31) Cyclohexane	5.623	56	2726	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	11009	4.54	ug/l #	48
38) Carbon Tetrachloride	5.623	117	15336	5.77	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	51630	22.73	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	51630	52.28	ug/l #	12

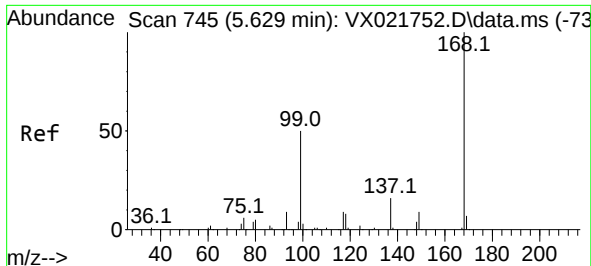
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
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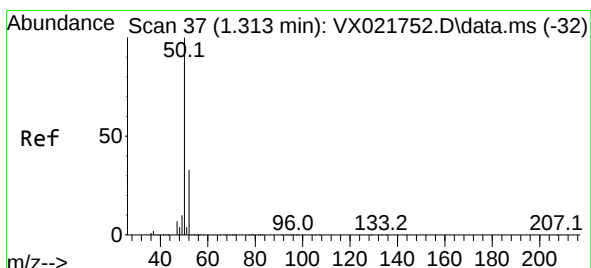
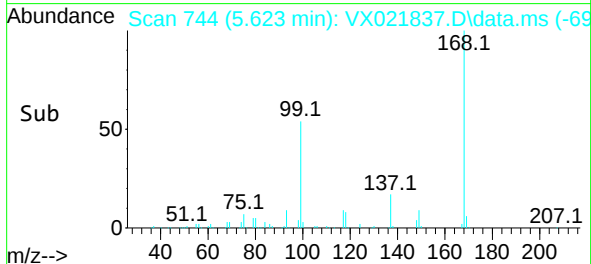
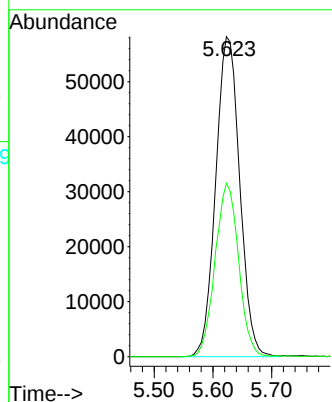
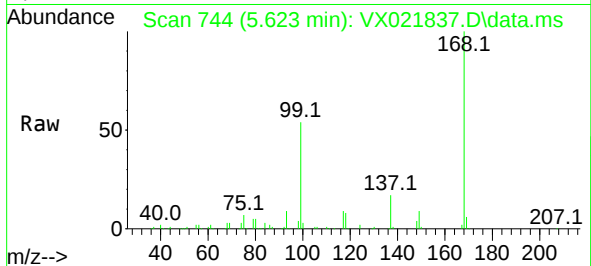




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

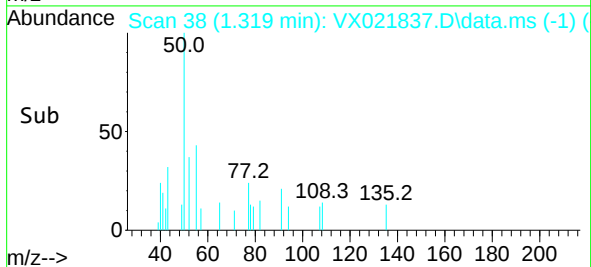
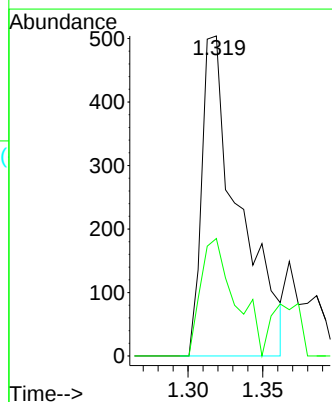
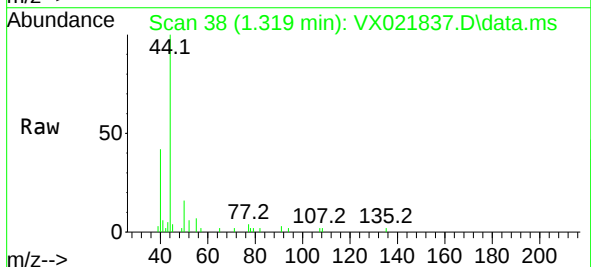
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 165129
Ion Ratio Lower Upper
168 100
99 54.2 45.8 68.6



#3
Chloromethane
Concen: 0.72 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

Tgt Ion: 50 Resp: 871
Ion Ratio Lower Upper
50 100
52 36.7 26.4 39.6

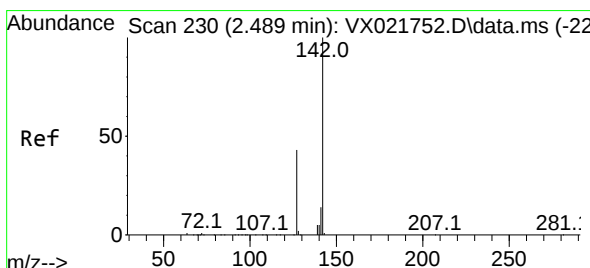
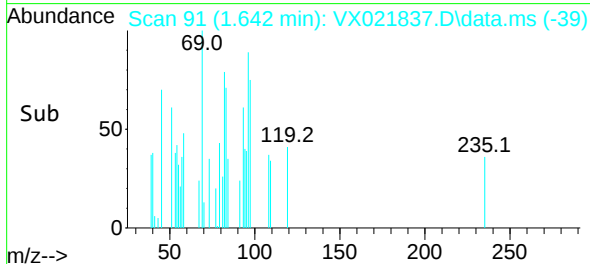
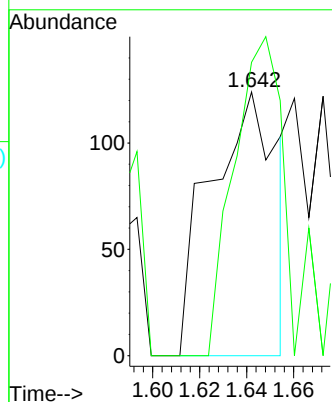
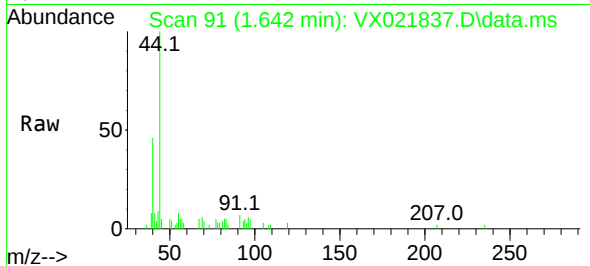




#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

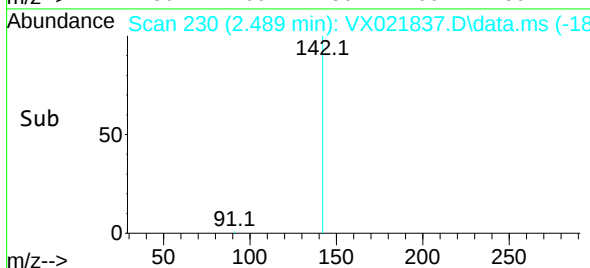
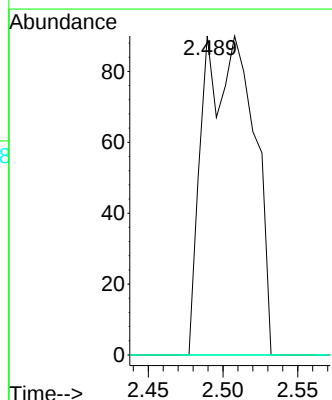
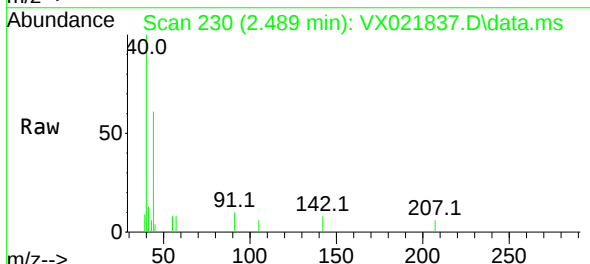
Instrument :
MSVOA_X
ClientSampled :

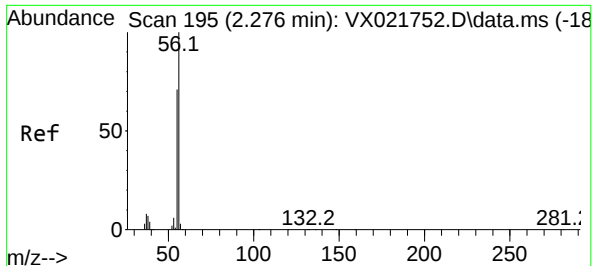
Tgt Ion: 94 Resp: 243
Ion Ratio Lower Upper
94 100
96 111.3 76.4 114.6



#10
Methyl Iodide
Concen: 8.29 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

Tgt Ion: 142 Resp: 210
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

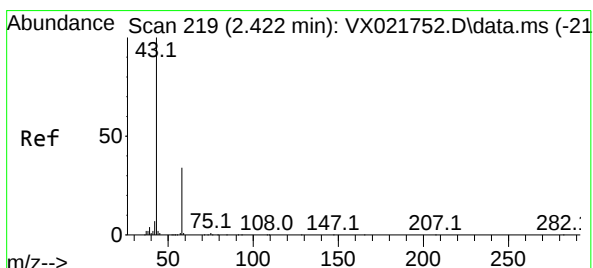
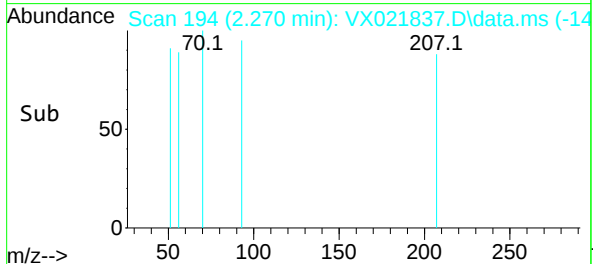
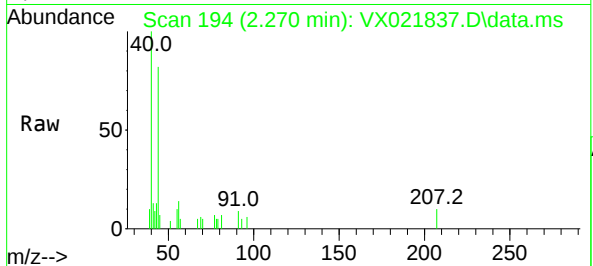




#13
Acrolein
Concen: 0.41 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.006 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

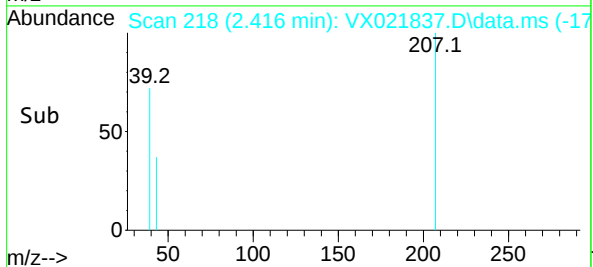
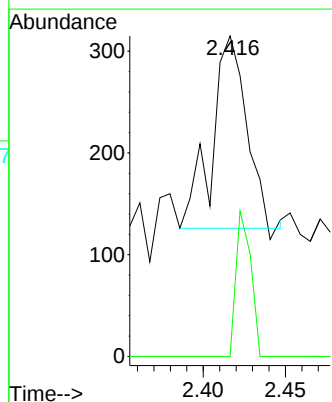
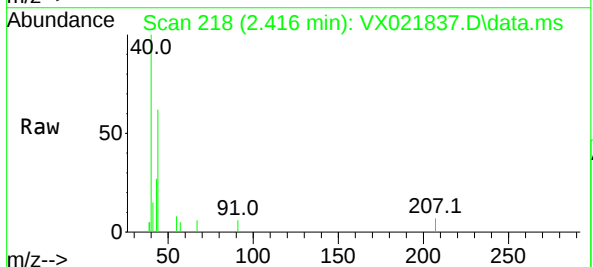
Instrument :
MSVOA_X
ClientSampled :

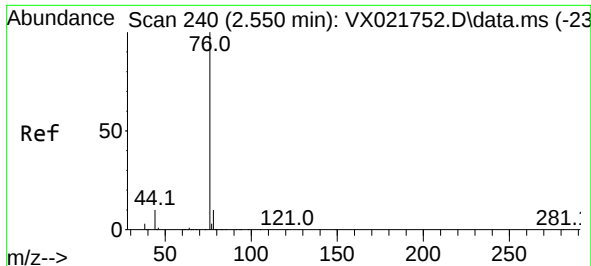
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 54.8 56.4 84.6#



#16
Acetone
Concen: 0.43 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

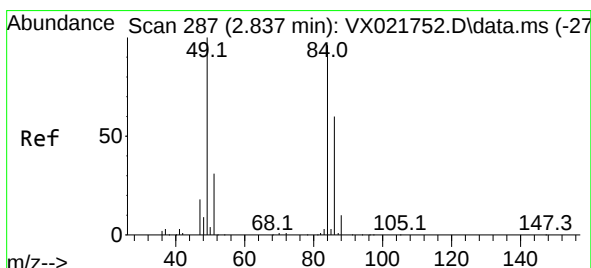
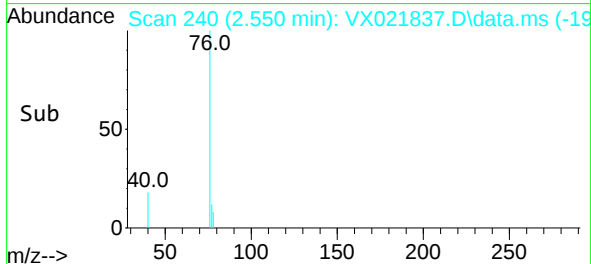
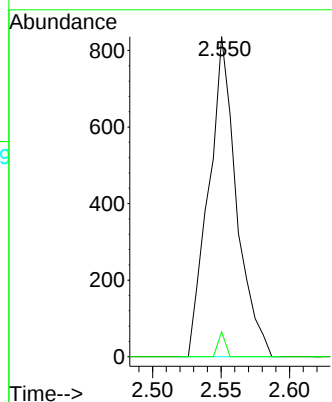
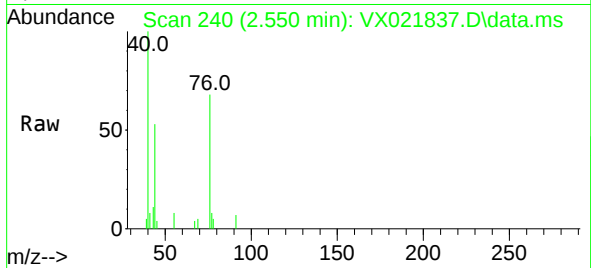




#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

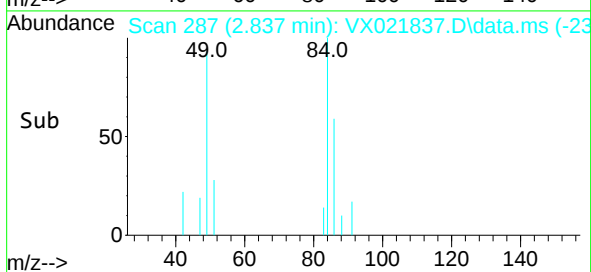
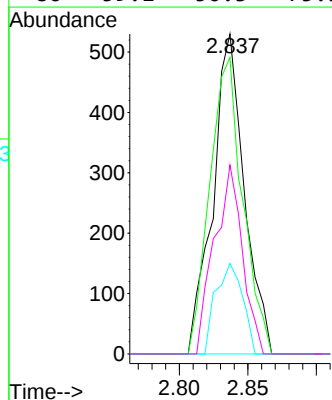
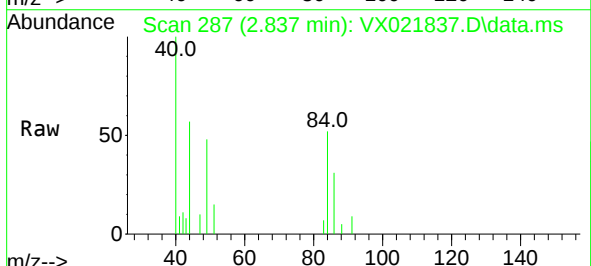
Instrument :
MSVOA_X
ClientSampled :

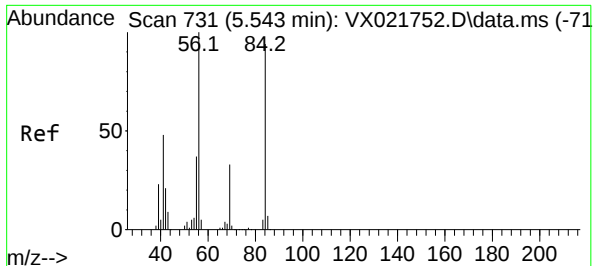
Tgt Ion: 76 Resp: 1179
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8



#20
Methylene Chloride
Concen: 0.44 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

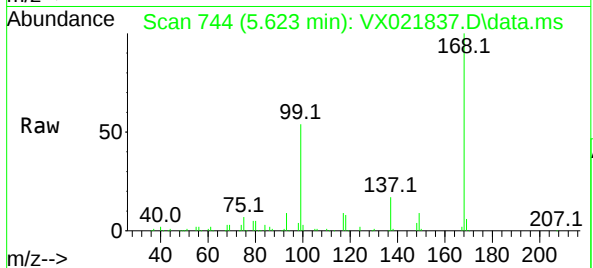
Tgt Ion: 84 Resp: 846
Ion Ratio Lower Upper
84 100
49 92.6 88.6 132.8
51 28.3 27.0 40.6
86 59.1 50.3 75.5



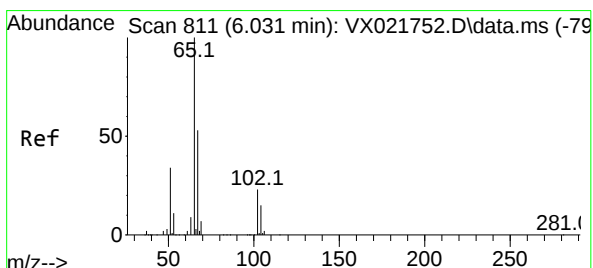
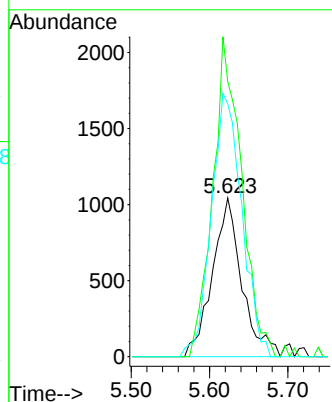
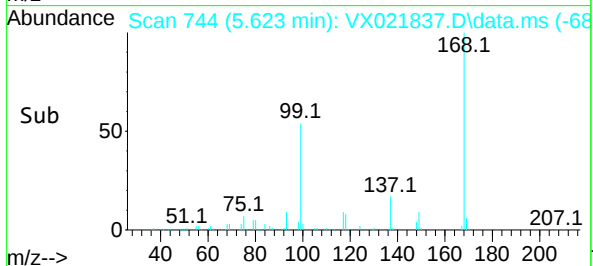


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.080 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

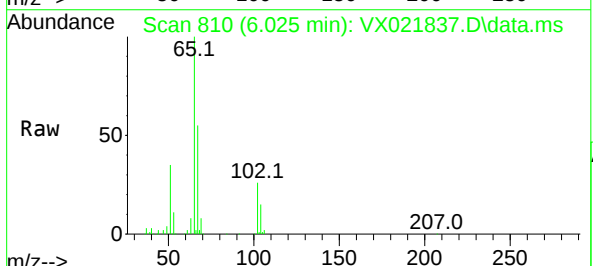
Instrument :
MSVOA_X
ClientSampled :



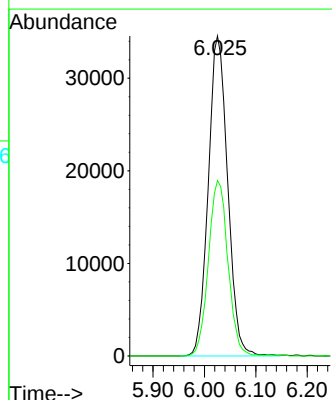
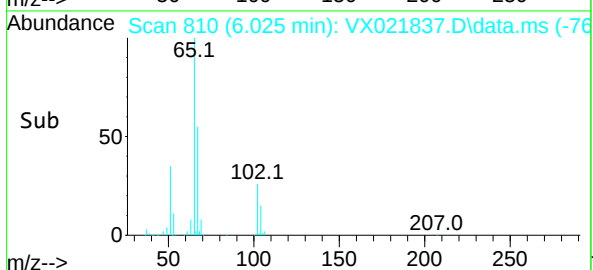
Tgt Ion: 56 Resp: 2726
Ion Ratio Lower Upper
56 100
69 173.5 25.3 37.9#
84 159.2 71.4 107.0#

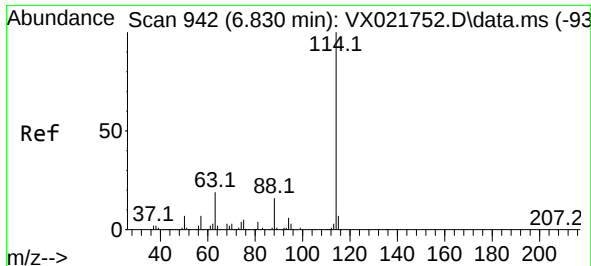


#33
1,2-Dichloroethane-d4
Concen: 48.40 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10



Tgt Ion: 65 Resp: 90660
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.4

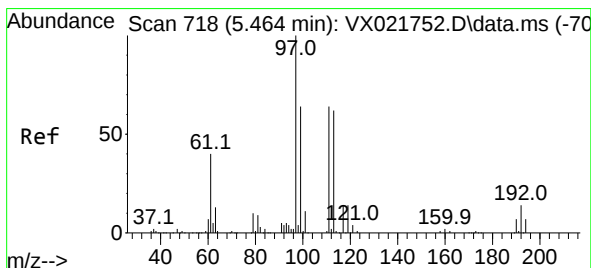
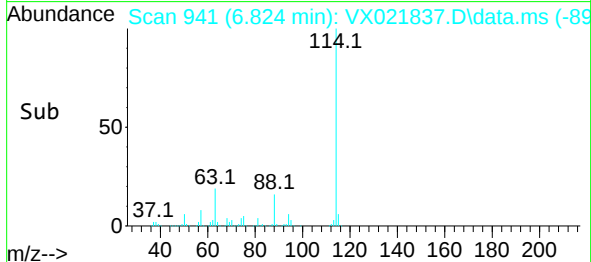
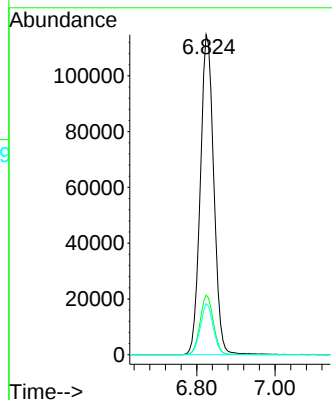
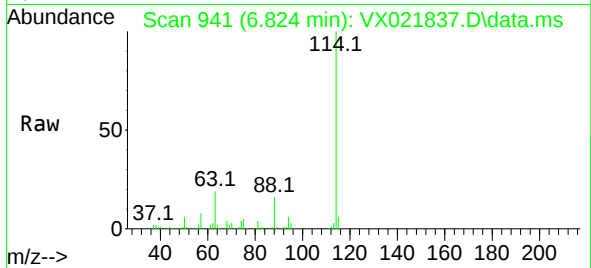




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

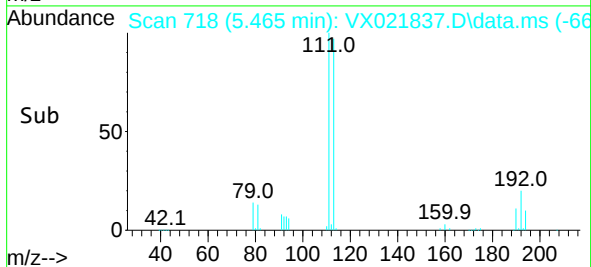
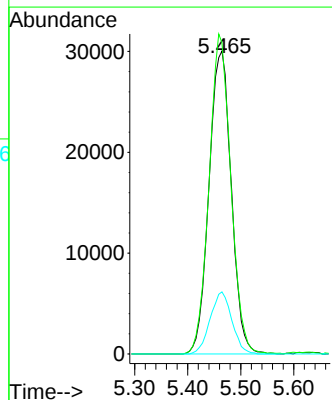
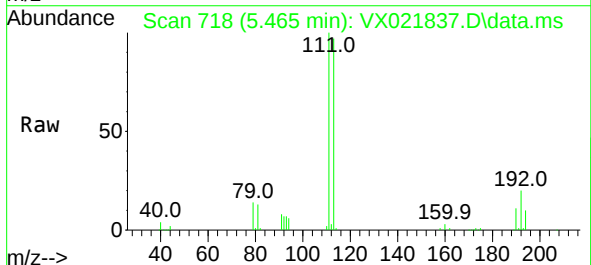
Instrument :
MSVOA_X
ClientSampleId :

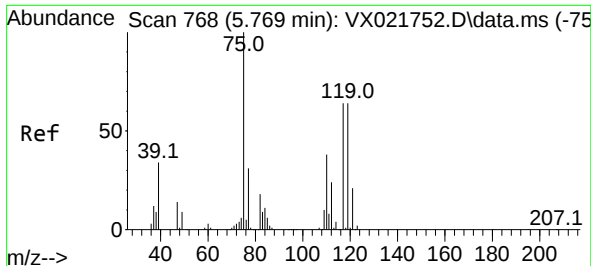
Tgt Ion:114 Resp: 274844
Ion Ratio Lower Upper
114 100
63 18.6 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.89 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

Tgt Ion:113 Resp: 87680
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.0 16.7 25.1

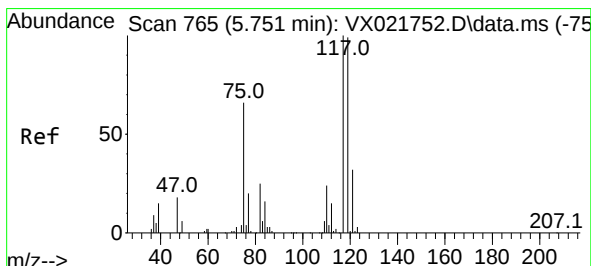
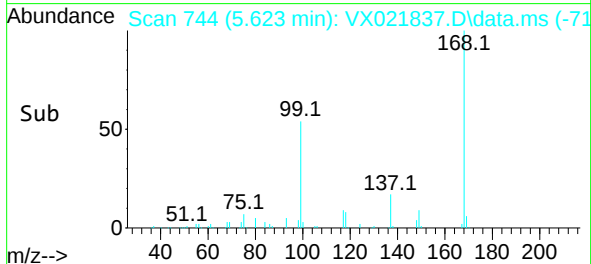
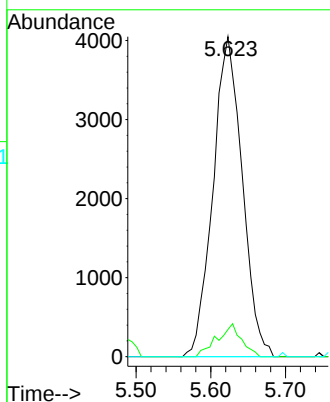
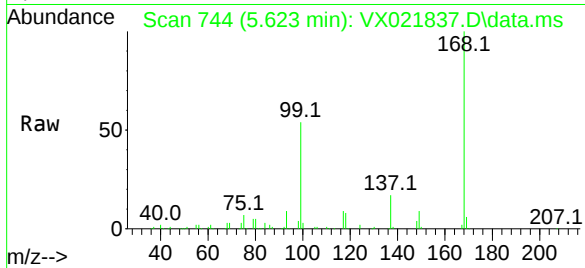




#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

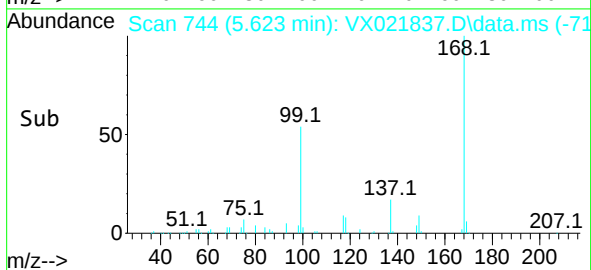
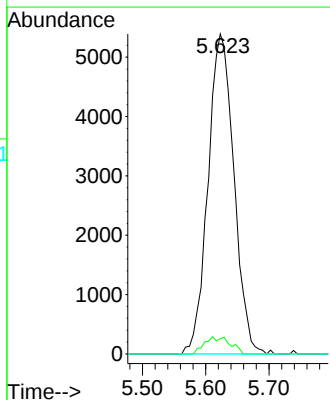
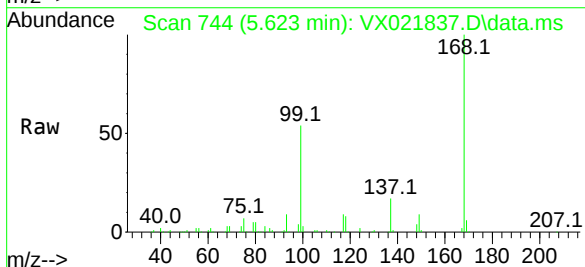
Instrument :
MSVOA_X
ClientSampled :

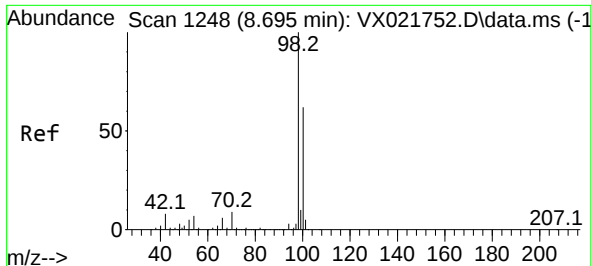
Tgt Ion: 75 Resp: 11009
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

Tgt Ion: 117 Resp: 15336
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

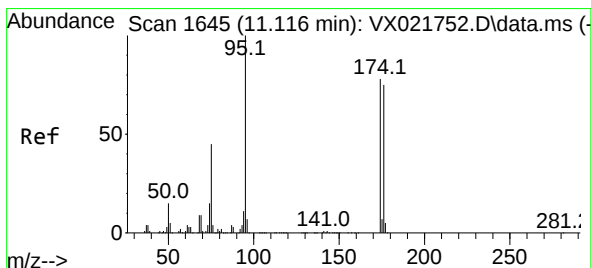
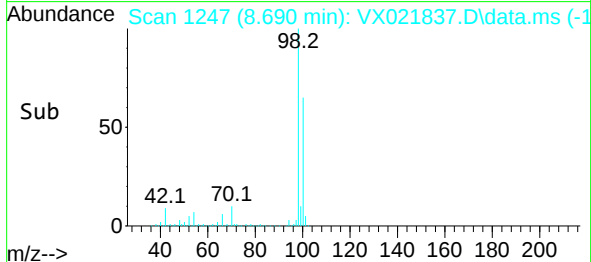
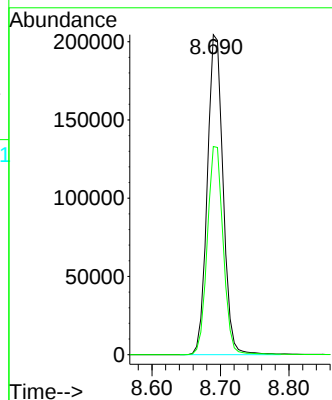
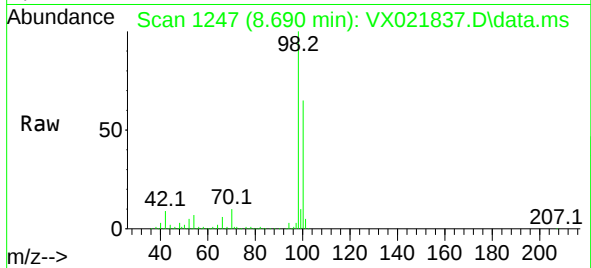




#50
Toluene-d8
Concen: 48.33 ug/l
RT: 8.690 min Scan# 1247
Delta R.T. -0.005 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

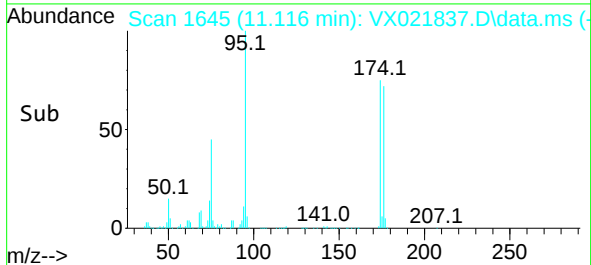
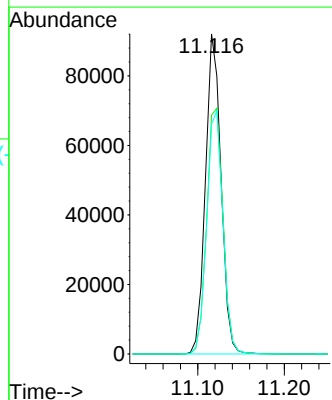
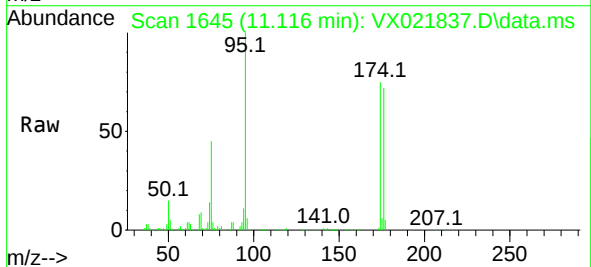
Instrument :
MSVOA_X
ClientSampled :

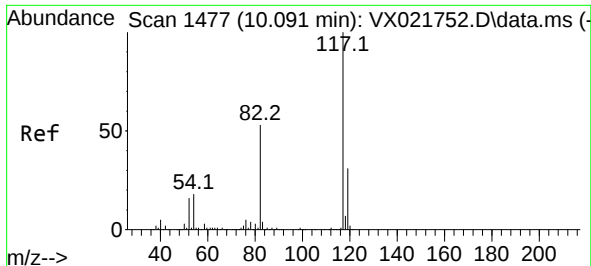
Tgt Ion: 98 Resp: 326639
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.51 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

Tgt Ion: 95 Resp: 114845
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 79.0 0.0 155.8

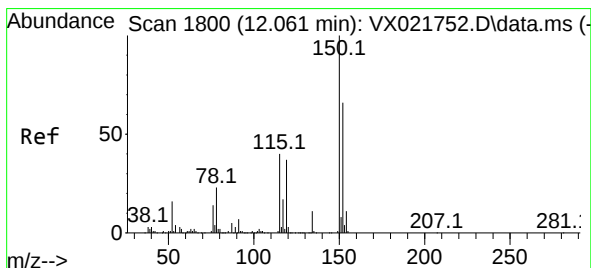
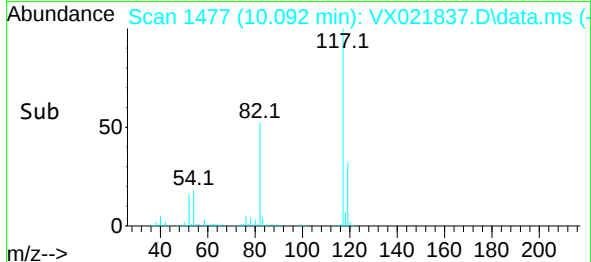
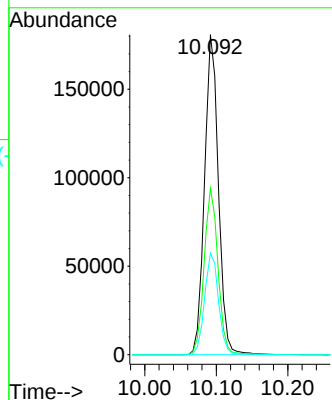
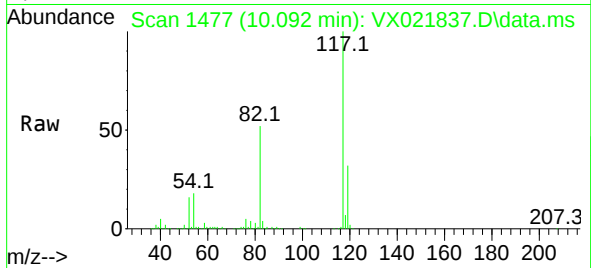




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

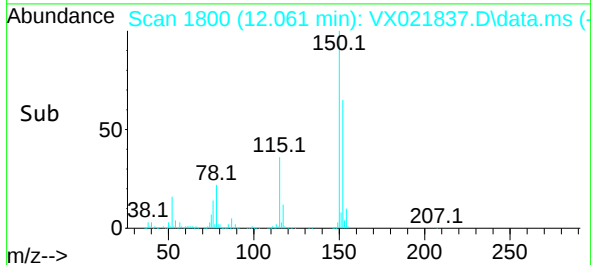
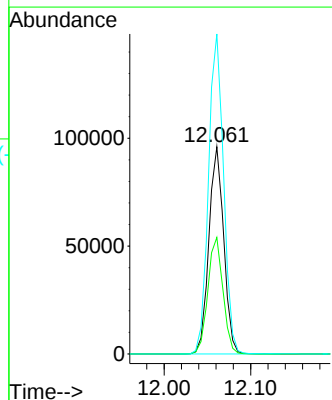
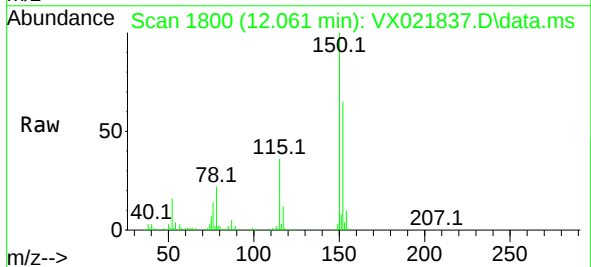
Instrument :
MSVOA_X
ClientSampled :

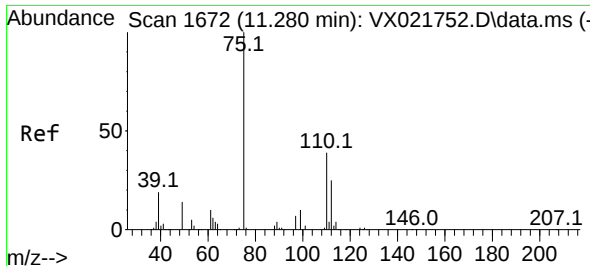
Tgt Ion:117 Resp: 243996
Ion Ratio Lower Upper
117 100
82 52.0 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

Tgt Ion:152 Resp: 114522
Ion Ratio Lower Upper
152 100
115 57.0 41.1 123.3
150 156.6 0.0 349.0

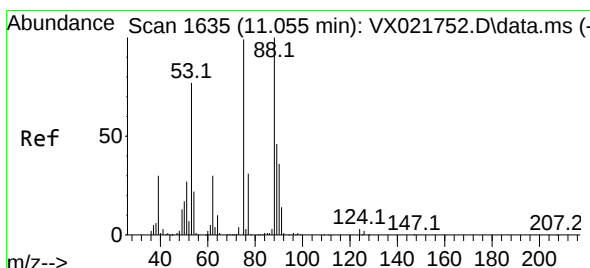
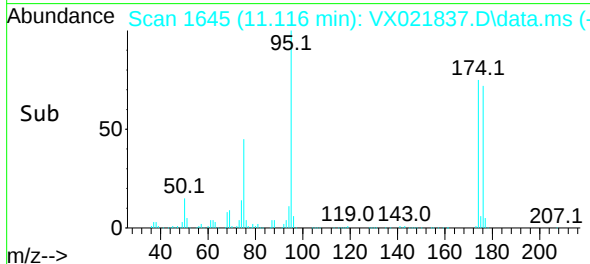
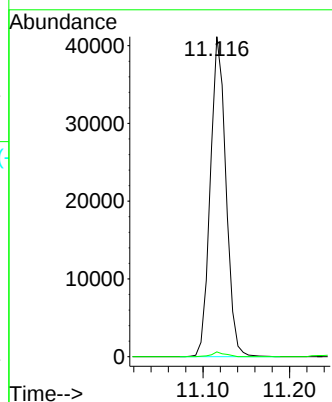
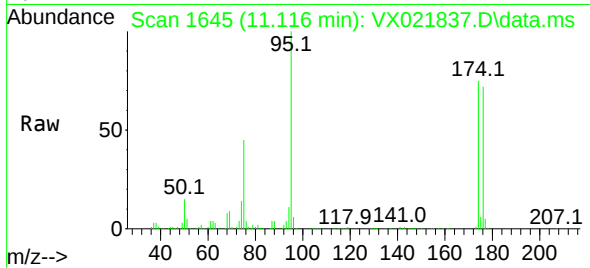




#76
1,2,3-Trichloropropane
Concen: 22.73 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 51630
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.28 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021837.D
Acq: 23 Apr 2021 13:10

Tgt Ion: 75 Resp: 51630
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

