

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020743.D
 Acq On : 26 Jan 2021 10:52
 Operator : JC/SP
 Sample : VX0126WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 14:38:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

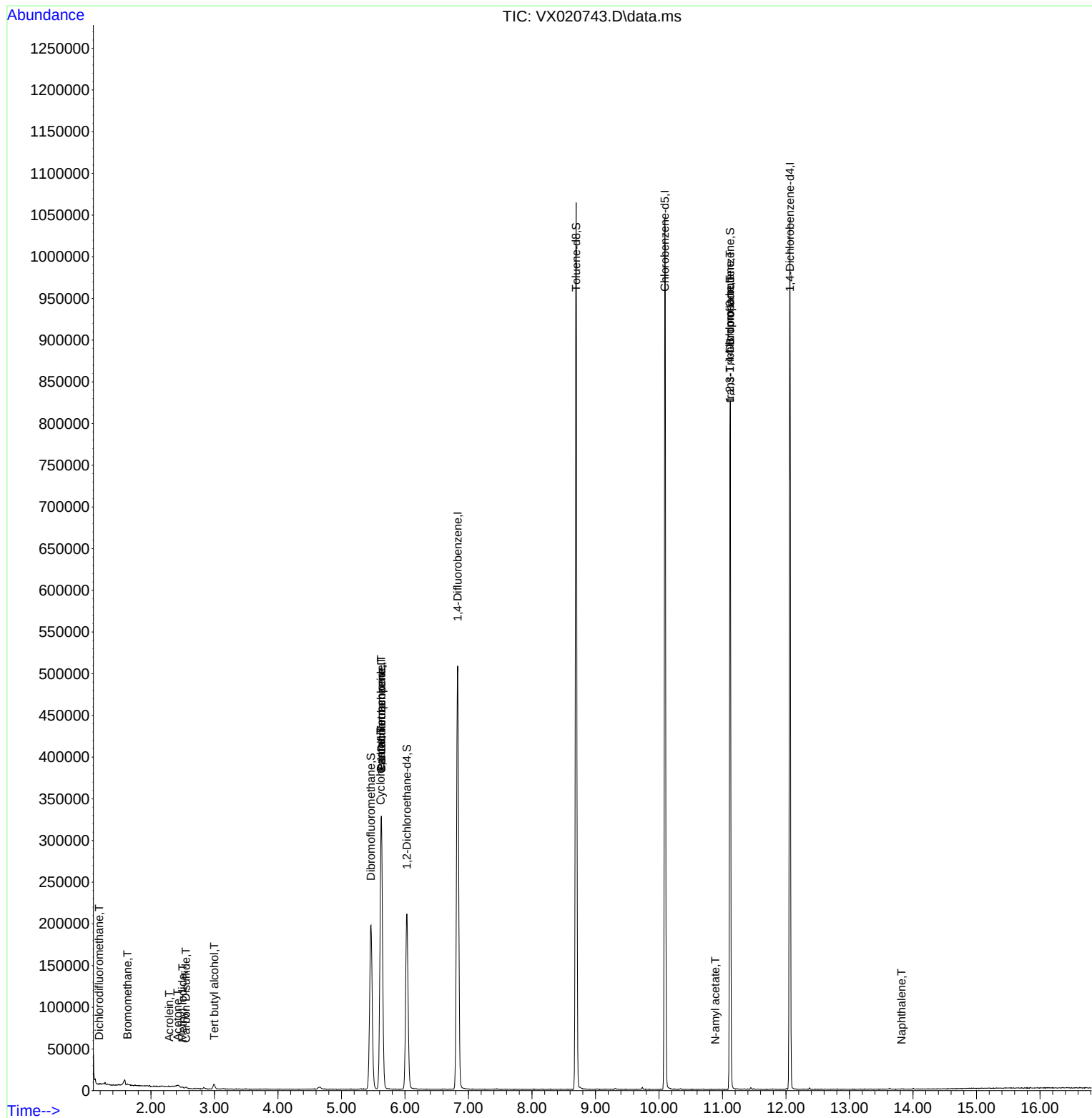
Internal Standards						
1) Pentafluorobenzene	5.629	168	304550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	517710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	492700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	211040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	206122	49.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.24%		
35) Dibromofluoromethane	5.465	113	175652	49.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.06%		
50) Toluene-d8	8.696	98	647227	49.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.56%		
62) 4-Bromofluorobenzene	11.122	95	230270	45.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.22%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	113	1.22	ug/l #	42
5) Bromomethane	1.630	94	819	0.40	ug/l	88
10) Methyl Iodide	2.496	142	1249	0.30	ug/l #	83
11) Tert butyl alcohol	2.996	59	3479	4.49	ug/l #	73
13) Acrolein	2.288	56	202	0.35	ug/l #	77
16) Acetone	2.416	43	1705	1.08	ug/l	88
17) Carbon Disulfide	2.550	76	1659	1.07	ug/l #	91
31) Cyclohexane	5.617	56	5979	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23848	4.59	ug/l #	50
38) Carbon Tetrachloride	5.623	117	31604	5.78	ug/l #	17
74) N-amyl acetate	10.884	43	29	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	111606	22.80	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	111606	63.90	ug/l #	12
95) Naphthalene	13.817	128	676	2.91	ug/l #	73

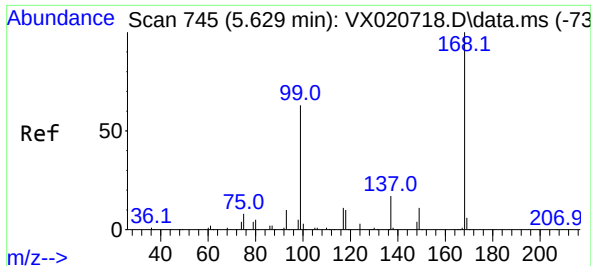
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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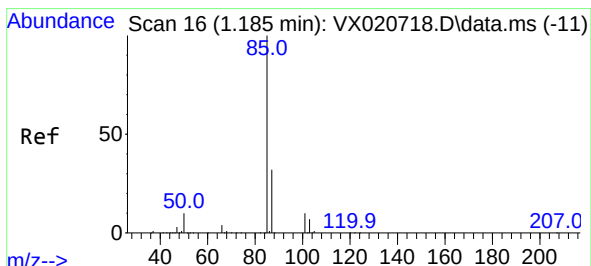
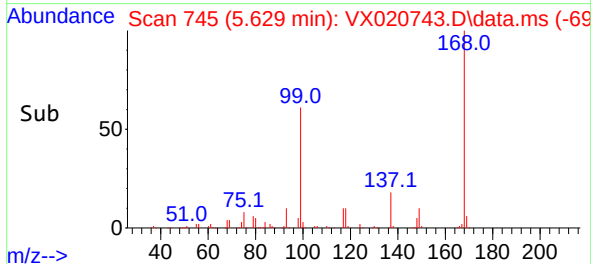
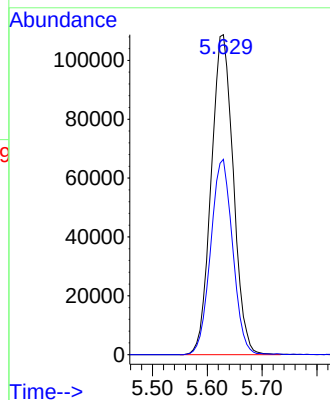
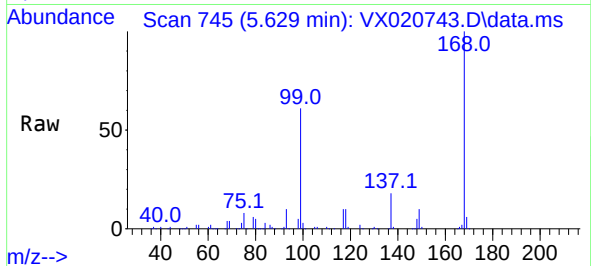




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

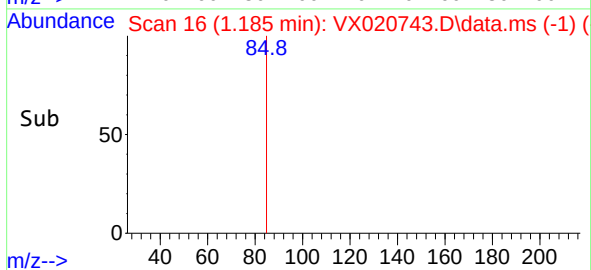
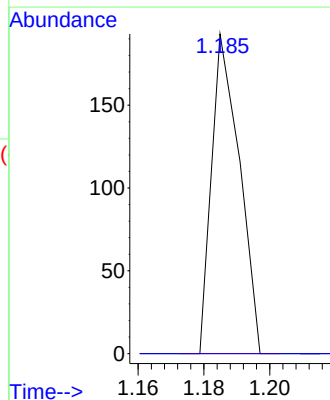
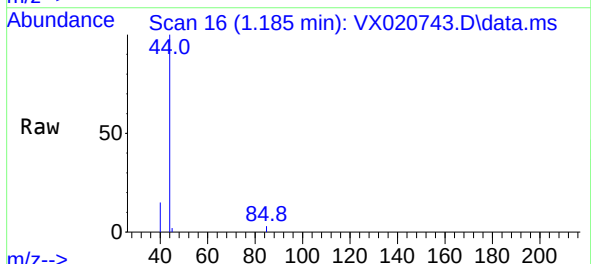
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 304550
Ion Ratio Lower Upper
168 100
99 61.1 45.8 68.6

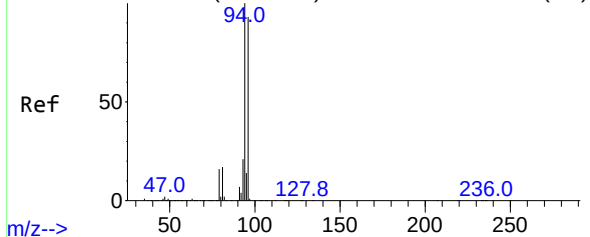


#2
Dichlorodifluoromethane
Concen: 1.22 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Tgt Ion: 85 Resp: 113
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

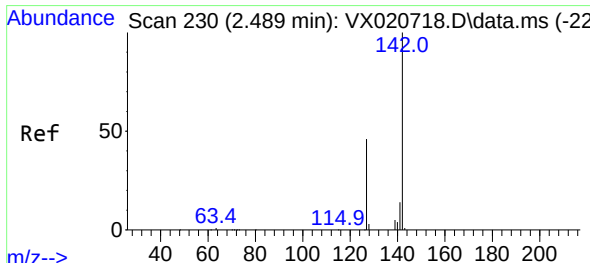
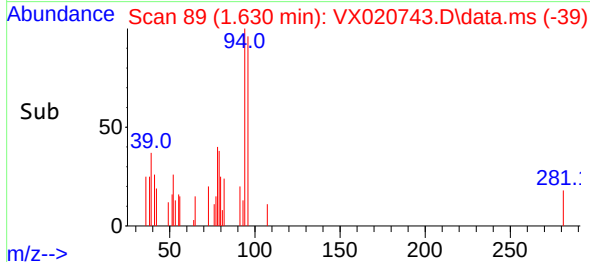
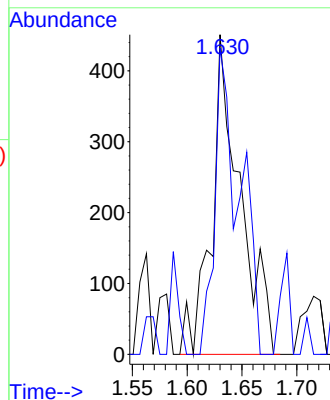
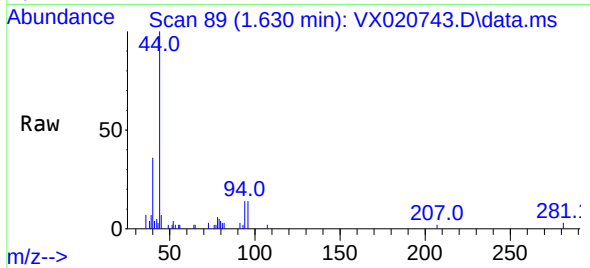


Abundance Scan 88 (1.624 min): VX020718.D\data.ms (-81)



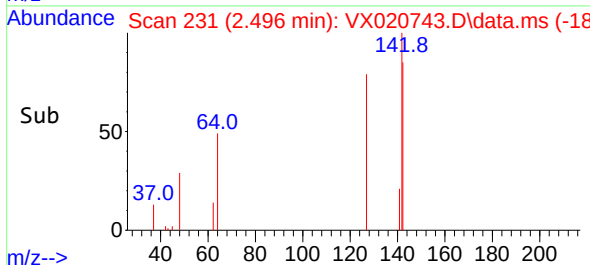
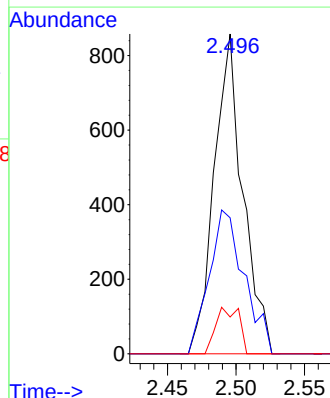
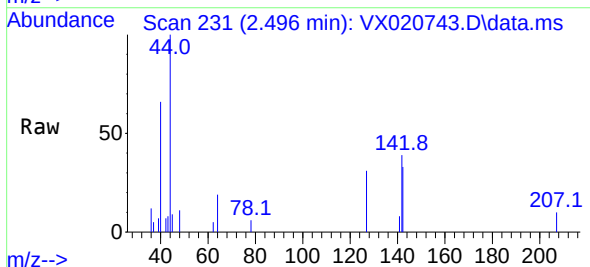
#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

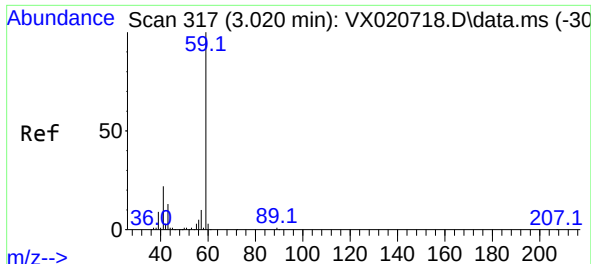
Tgt Ion: 94 Resp: 819
Ion Ratio Lower Upper
94 100
96 84.0 76.4 114.6



#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Tgt Ion: 142 Resp: 1249
Ion Ratio Lower Upper
142 100
127 54.9 33.3 49.9#
141 11.8 11.4 17.0



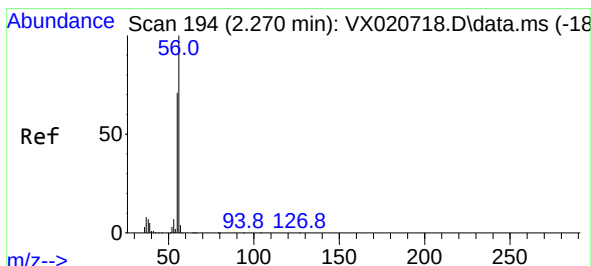
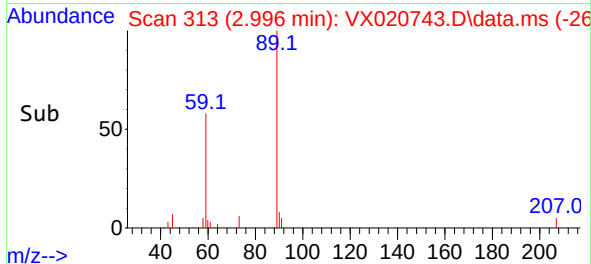
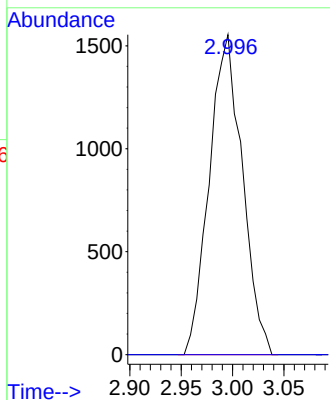
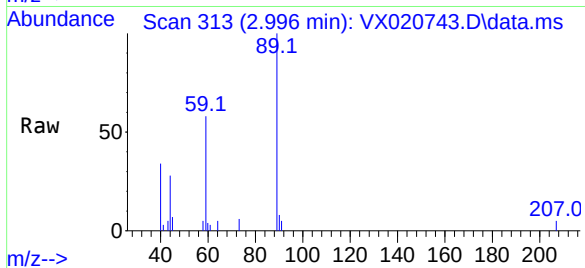


#11

Tert butyl alcohol
Concen: 4.49 ug/l
RT: 2.996 min Scan# 313
Delta R.T. -0.024 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Instrument :
MSVOA_X
ClientSampled :

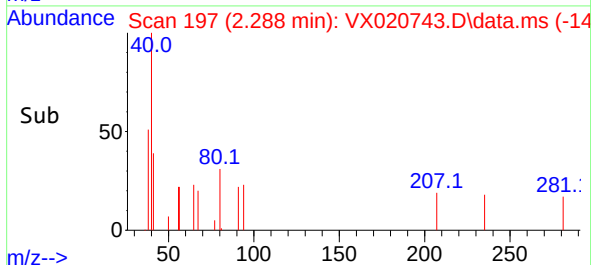
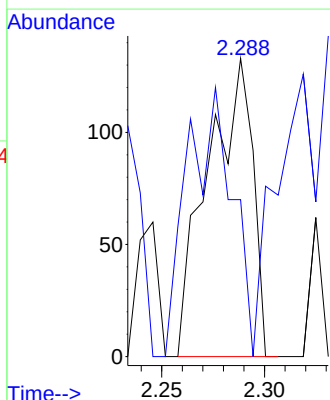
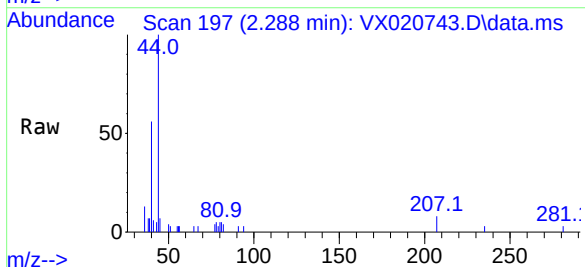
Tgt Ion: 59 Resp: 3479
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

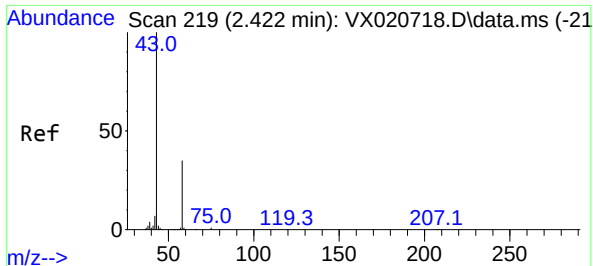


#13

Acrolein
Concen: 0.35 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.018 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 89.6 56.4 84.6#

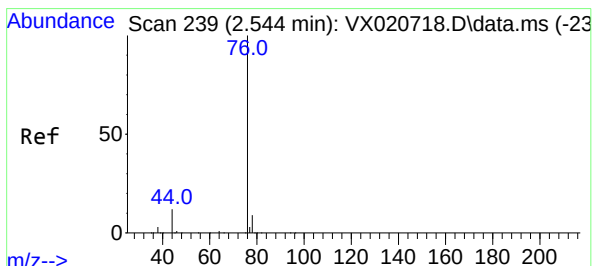
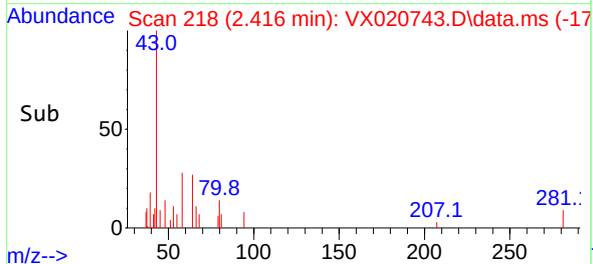
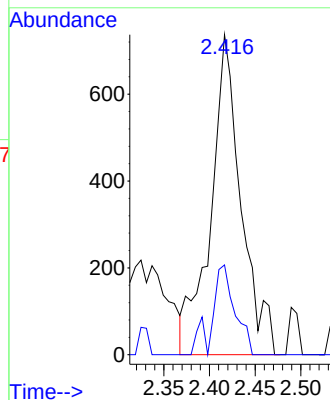
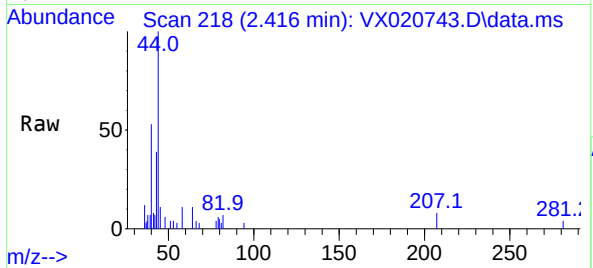




#16
Acetone
Concen: 1.08 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

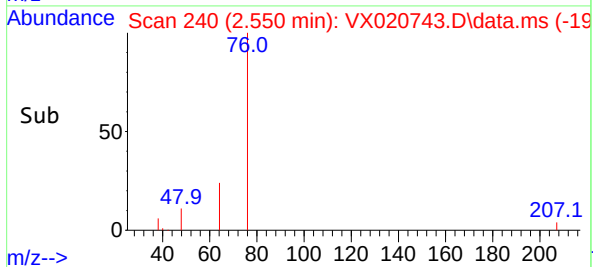
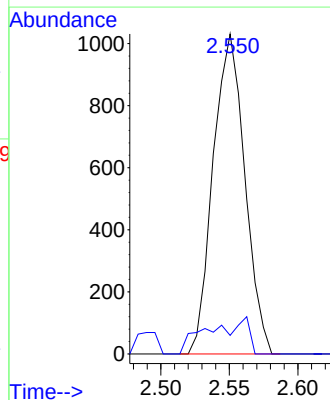
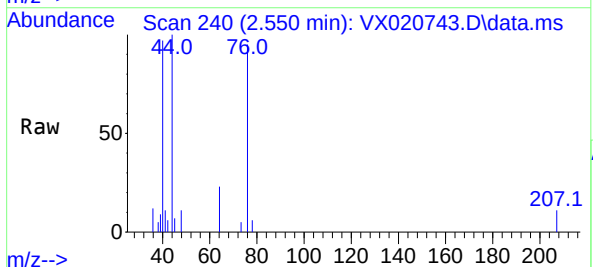
Instrument :
MSVOA_X
ClientSampleId :

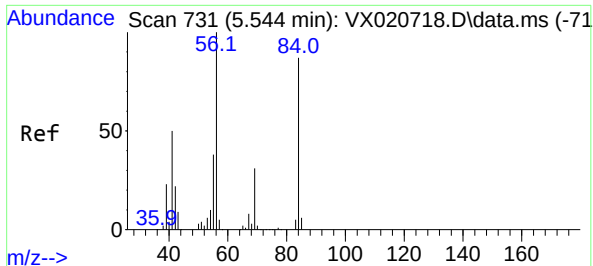
Tgt Ion: 43 Resp: 1705
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8



#17
Carbon Disulfide
Concen: 1.07 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

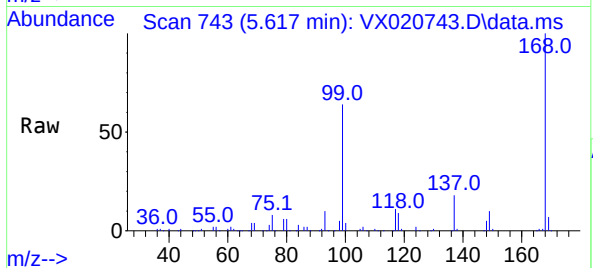
Tgt Ion: 76 Resp: 1659
Ion Ratio Lower Upper
76 100
78 5.8 7.2 10.8#



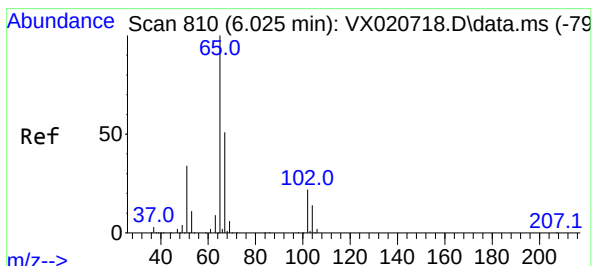
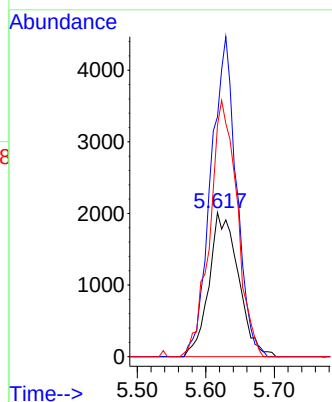
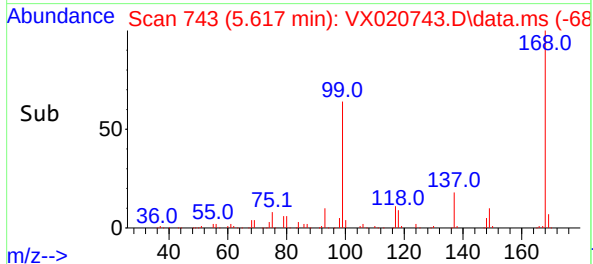


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

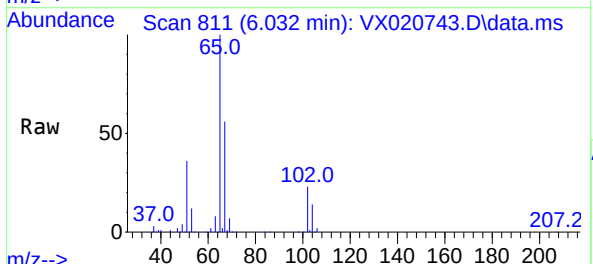
Instrument :
MSVOA_X
ClientSampled :



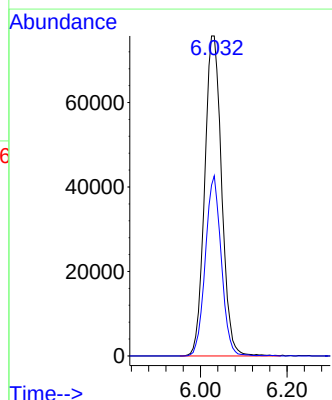
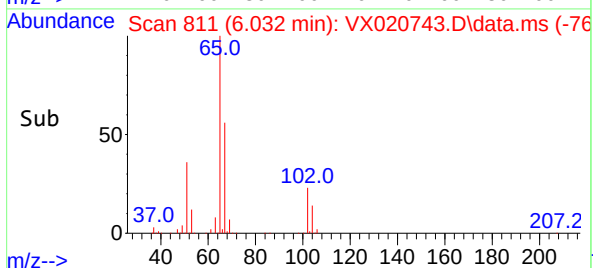
Tgt Ion: 56 Resp: 5979
Ion Ratio Lower Upper
56 100
69 166.3 25.3 37.9#
84 160.5 71.4 107.0#

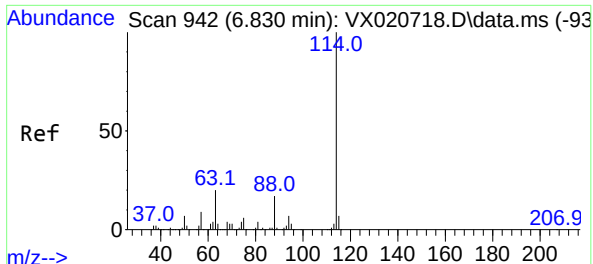


#33
1,2-Dichloroethane-d4
Concen: 49.62 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52



Tgt Ion: 65 Resp: 206122
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4



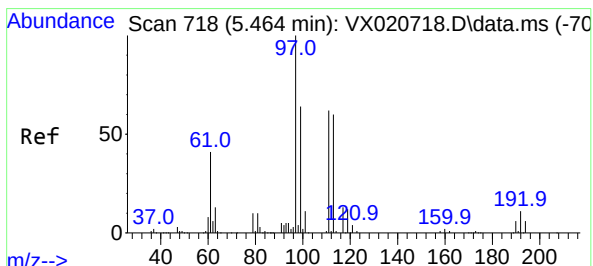
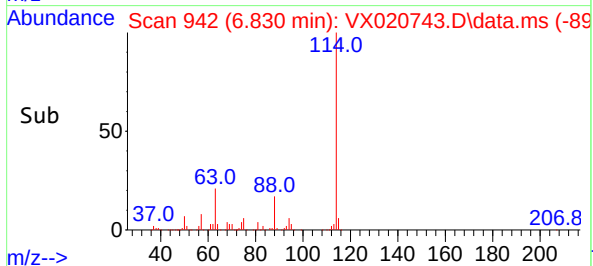
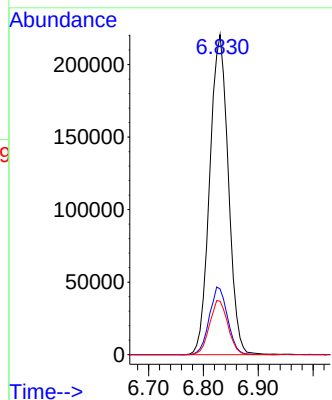
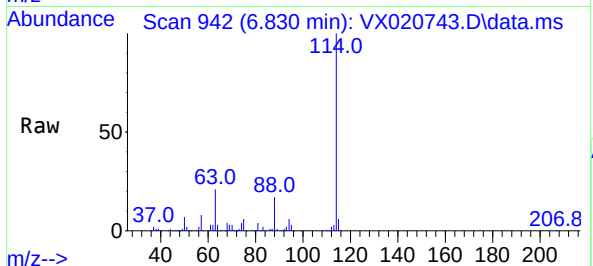


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Instrument :
MSVOA_X
ClientSampled :

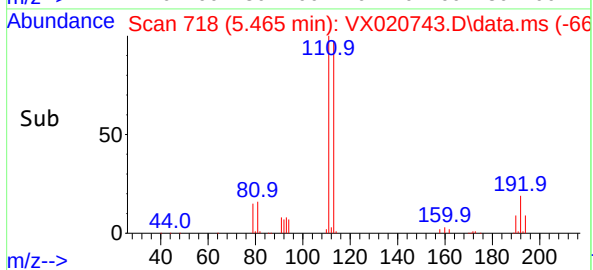
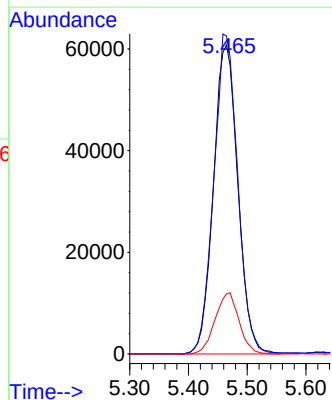
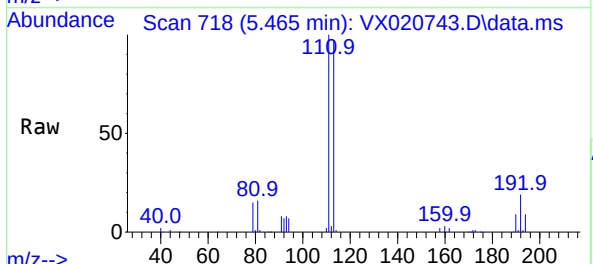
Tgt Ion:114 Resp: 517710
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.8 0.0 32.8

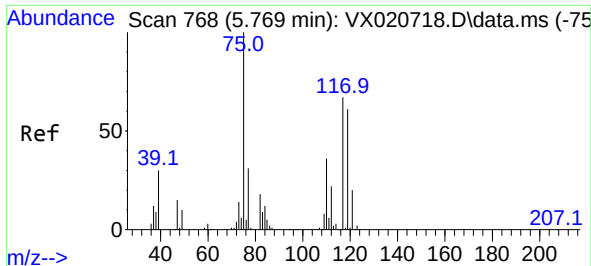


#35

Dibromofluoromethane
Concen: 49.53 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Tgt Ion:113 Resp: 175652
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 19.4 16.7 25.1

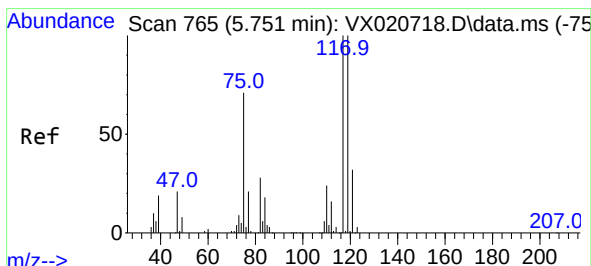
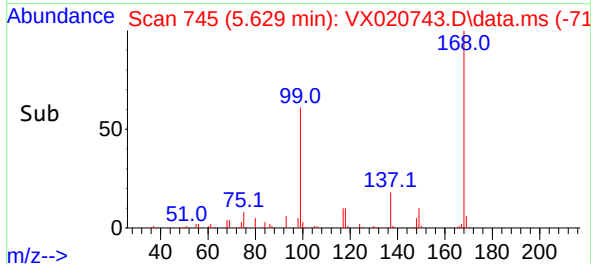
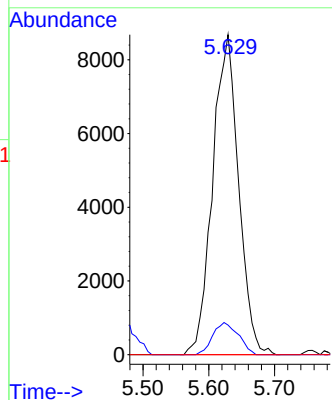
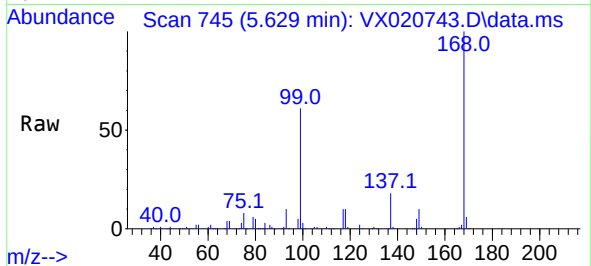




#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

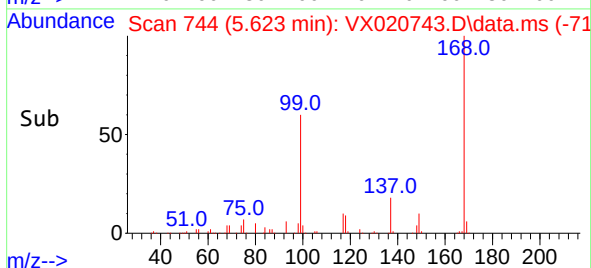
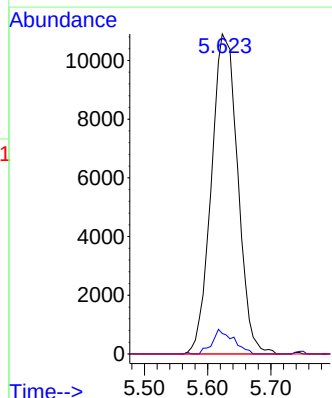
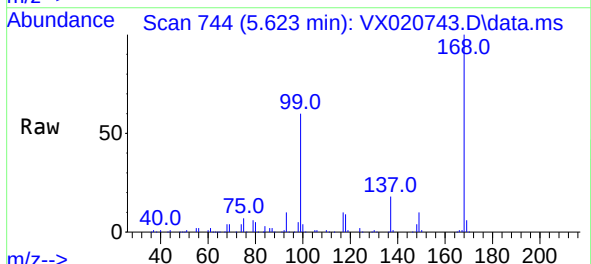
Instrument :
MSVOA_X
ClientSampled :

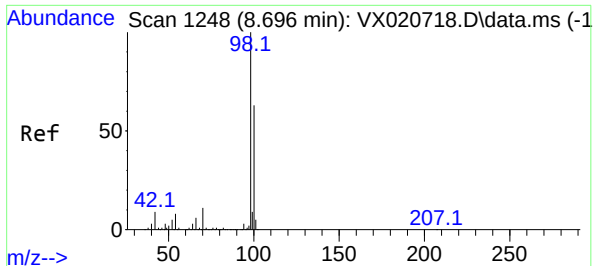
Tgt Ion: 75 Resp: 23848
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Tgt Ion: 117 Resp: 31604
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#

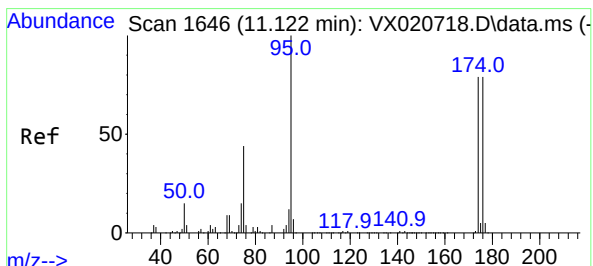
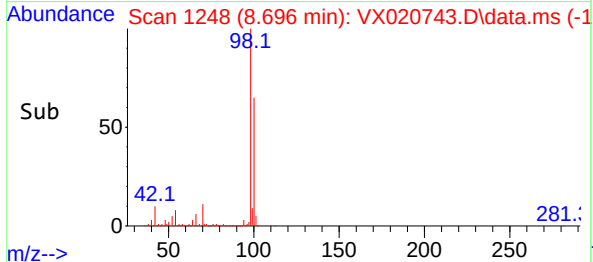
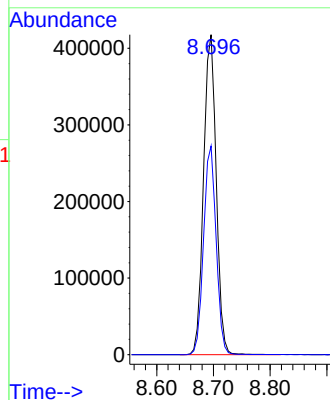
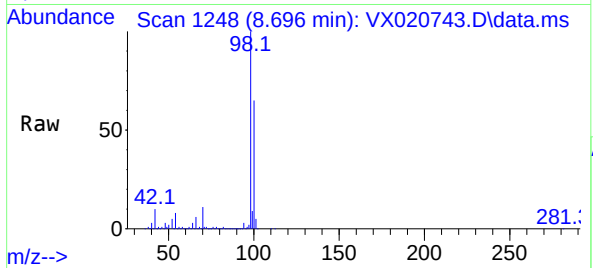




#50
Toluene-d8
Concen: 49.78 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

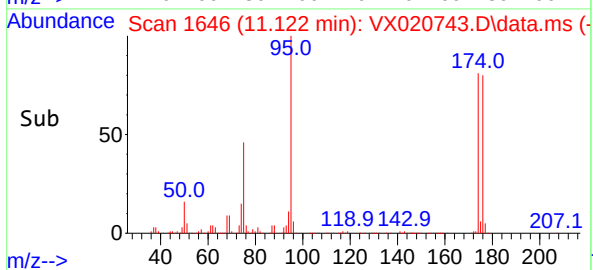
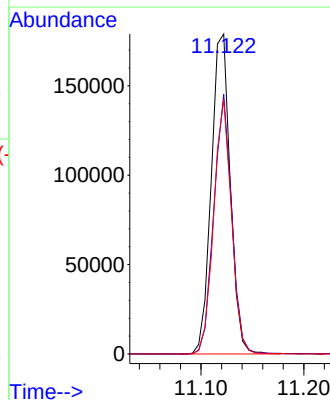
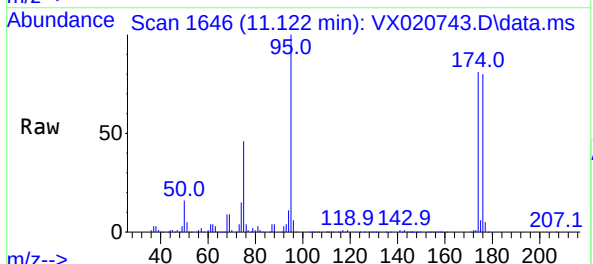
Instrument :
MSVOA_X
ClientSampled :

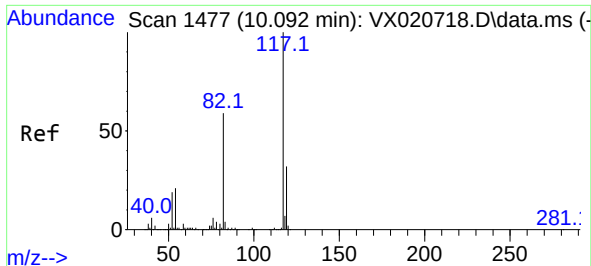
Tgt Ion: 98 Resp: 647227
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.61 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Tgt Ion: 95 Resp: 230270
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 74.4 0.0 155.8

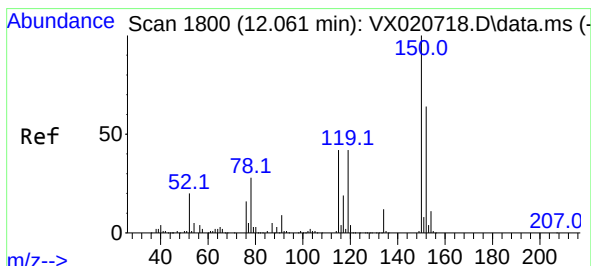
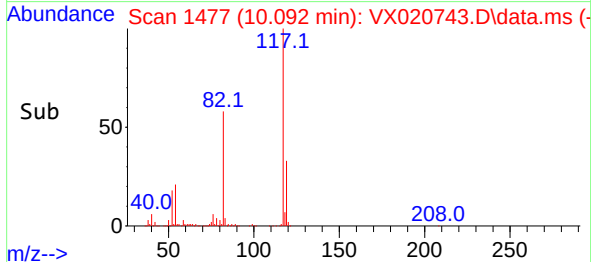
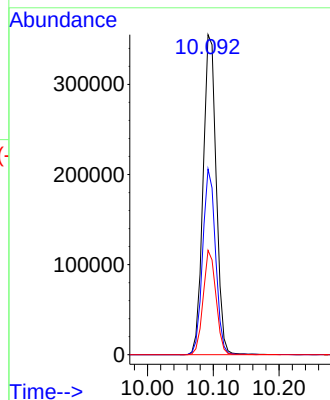
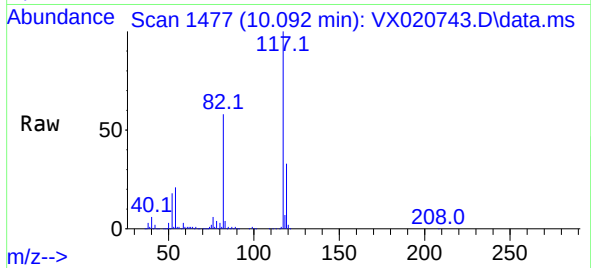




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

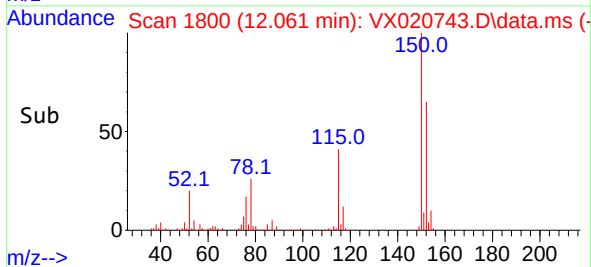
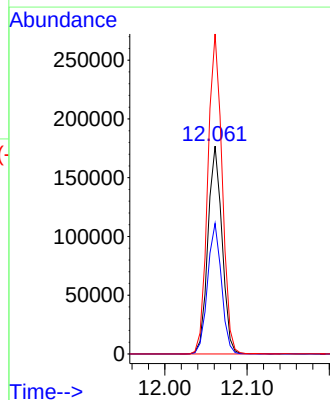
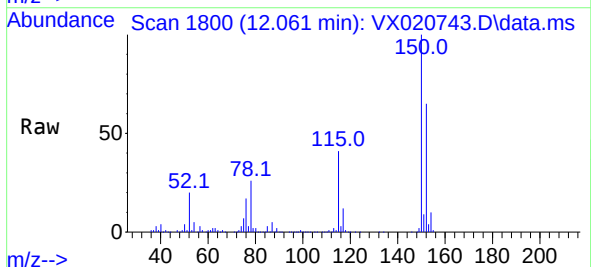
Instrument :
MSVOA_X
ClientSampleId :

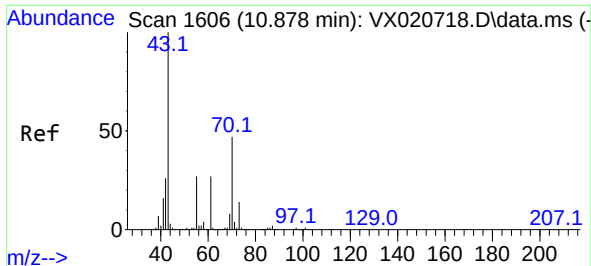
Tgt Ion:117 Resp: 492700
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

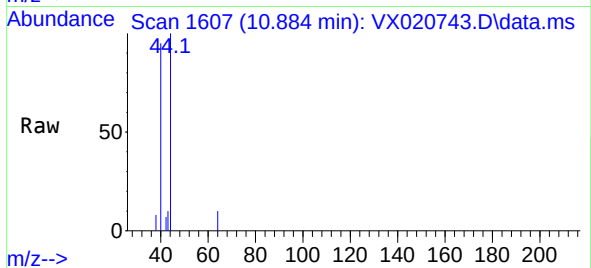
Tgt Ion:152 Resp: 211040
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 156.2 0.0 349.0





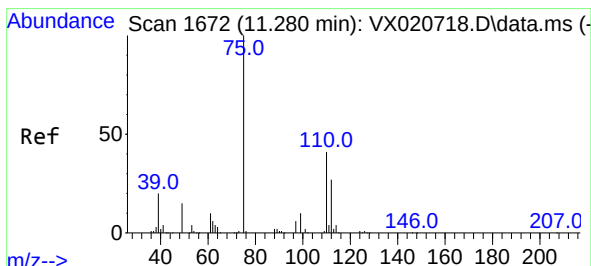
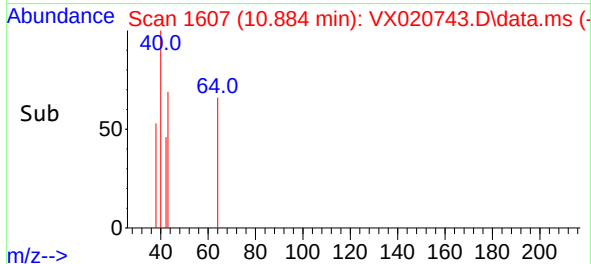
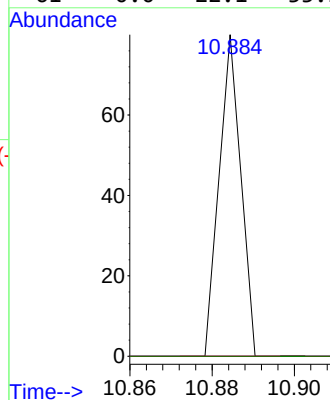
#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.884 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 43 Resp: 29

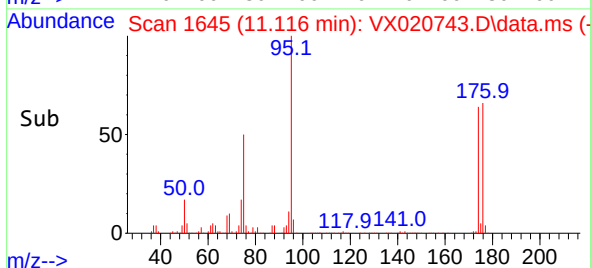
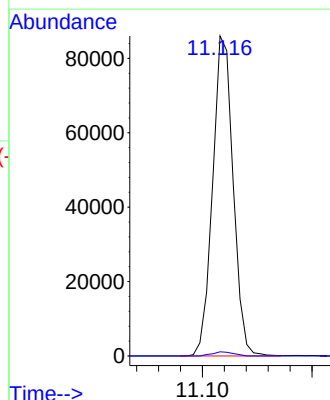
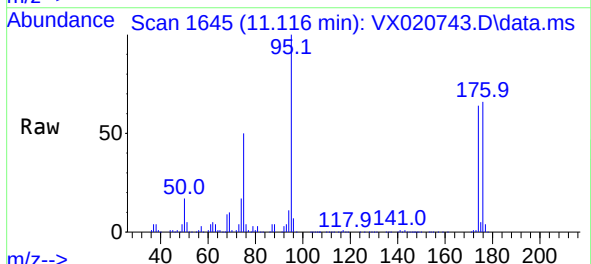
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

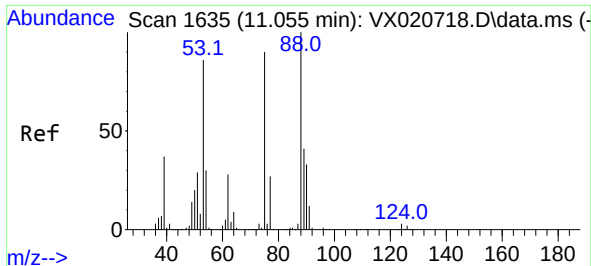


#76
1,2,3-Trichloropropane
Concen: 22.80 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

Tgt Ion: 75 Resp: 111606

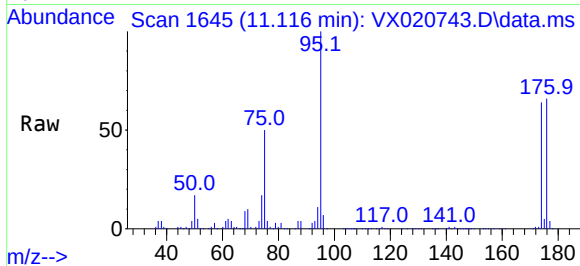
Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#



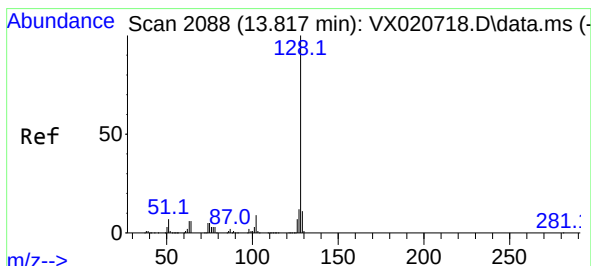
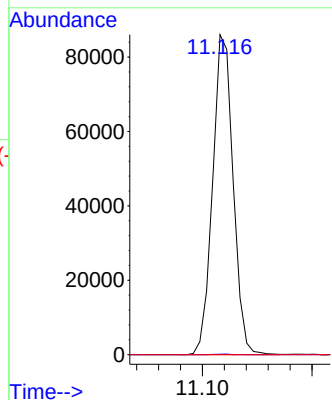
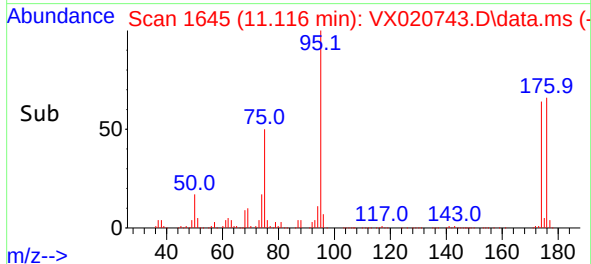


#81
trans-1,4-Dichloro-2-butene
Concen: 63.90 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52

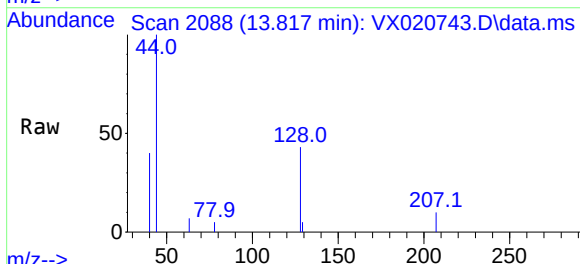
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 111606
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.91 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020743.D
Acq: 26 Jan 2021 10:52



Tgt Ion: 128 Resp: 676
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 3.1 8.8 13.2#

