

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012521\
 Data File : VX020733.D
 Acq On : 25 Jan 2021 18:33
 Operator : JC/SP
 Sample : M1189-15 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 03:10:52 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)

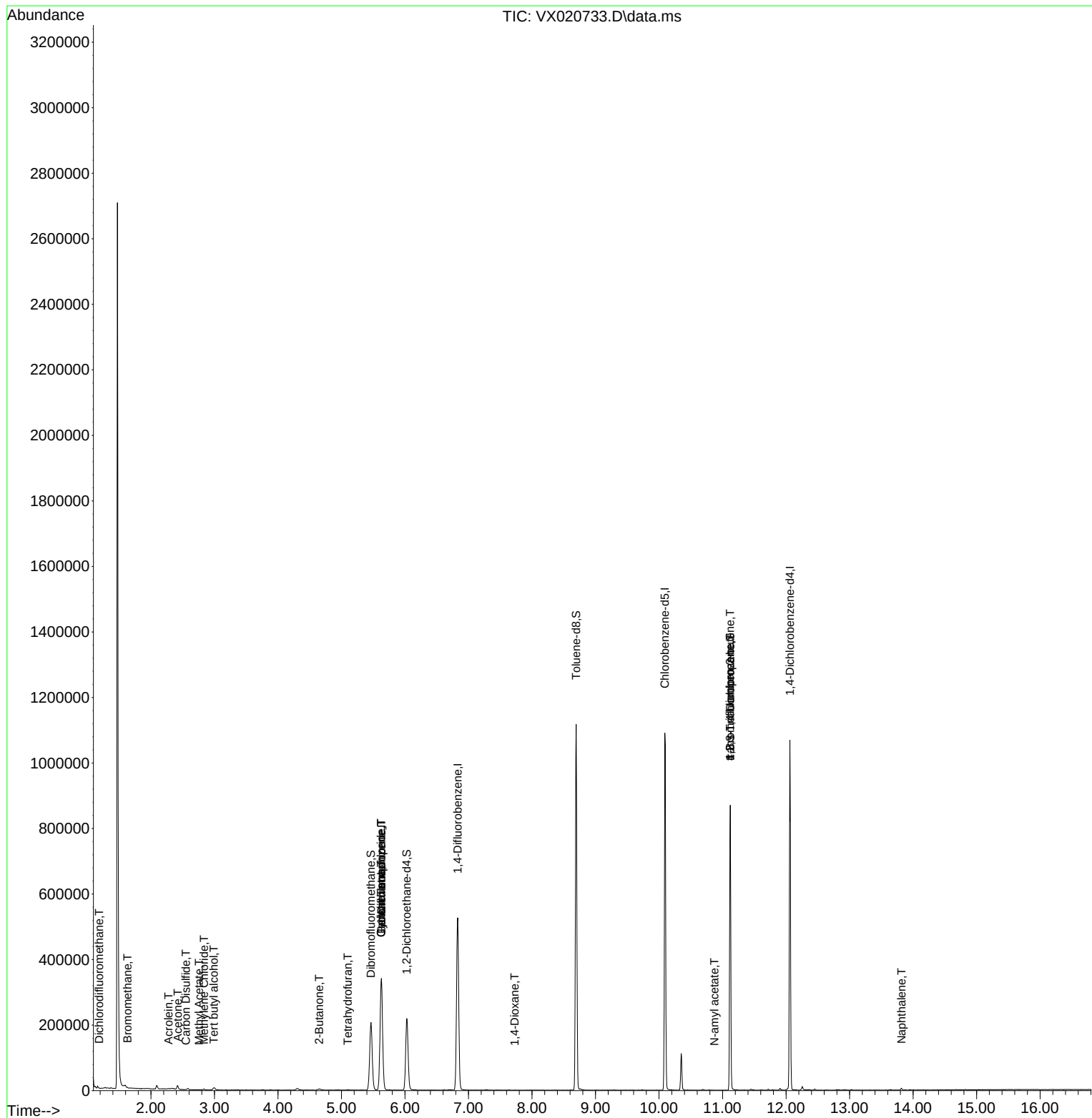
Internal Standards						
1) Pentafluorobenzene	5.629	168	317797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	537989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	501133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	215310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	212940	49.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.24%		
35) Dibromofluoromethane	5.464	113	179830	48.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.60%		
50) Toluene-d8	8.695	98	661934	49.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.00%		
62) 4-Bromofluorobenzene	11.122	95	232122	44.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.48%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	76	1.21	ug/l #	42
5) Bromomethane	1.630	94	805	0.38	ug/l	81
11) Tert butyl alcohol	2.989	59	4594	5.68	ug/l #	73
13) Acrolein	2.276	56	808	1.32	ug/l	85
16) Acetone	2.422	43	12402	7.55	ug/l	90
17) Carbon Disulfide	2.550	76	940	0.99	ug/l #	79
18) Methyl Acetate	2.757	43	1033	0.25	ug/l #	77
20) Methylene Chloride	2.837	84	1110	0.27	ug/l	97
25) 2-Butanone	4.647	43	1441	0.56	ug/l #	83
29) Tetrahydrofuran	5.099	42	415	0.25	ug/l	95
31) Cyclohexane	5.623	56	5983	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	24584	4.55	ug/l #	49
38) Carbon Tetrachloride	5.623	117	33041	5.82	ug/l #	17
49) 1,4-Dioxane	7.726	88	64	0.66	ug/l #	24
74) N-amyl acetate	10.872	43	26	2.02	ug/l #	11
76) 1,2,3-Trichloropropane	11.122	75	116696	23.37	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	116696	65.49	ug/l #	12
95) Naphthalene	13.816	128	3447	3.07	ug/l	99

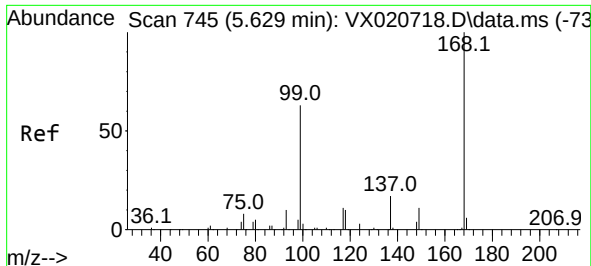
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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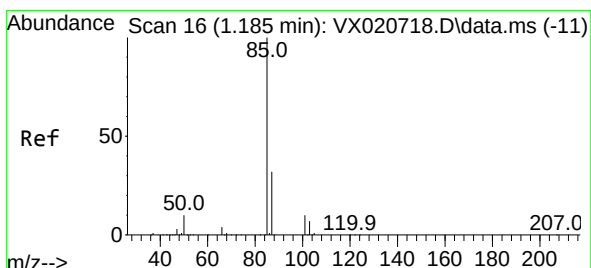
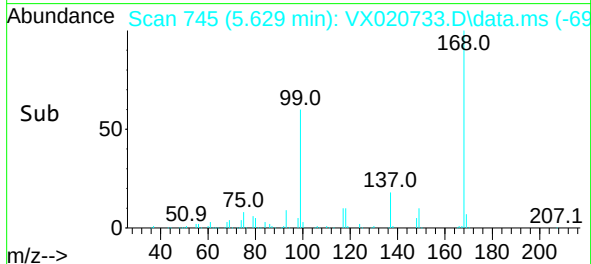
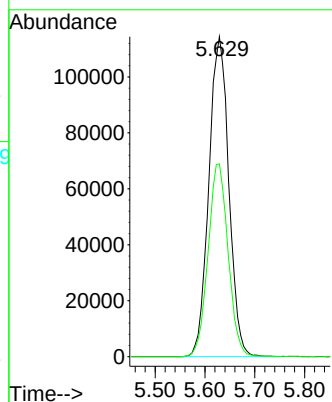
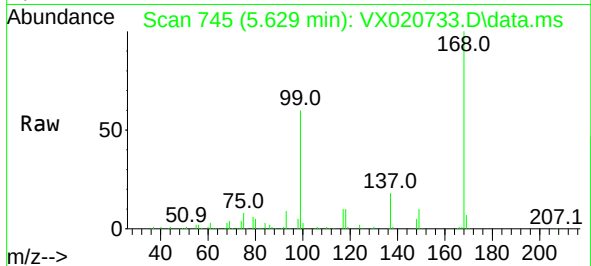




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

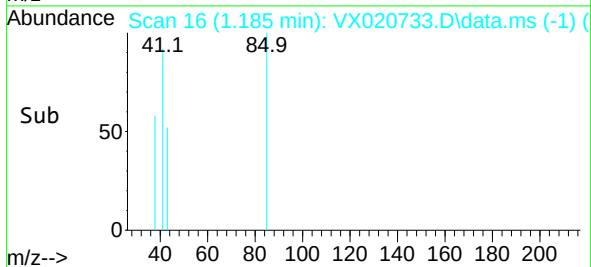
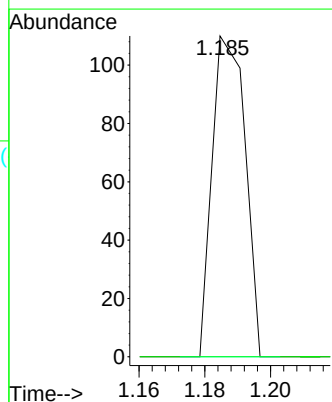
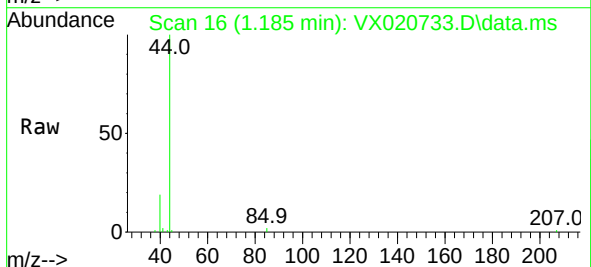
Instrument :
MSVOA_X
ClientSampled :

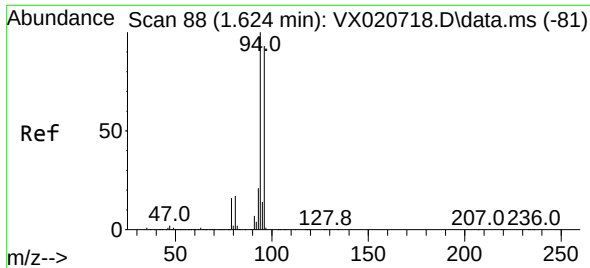
Tgt Ion:168 Resp: 317797
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.21 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Tgt Ion: 85 Resp: 76
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

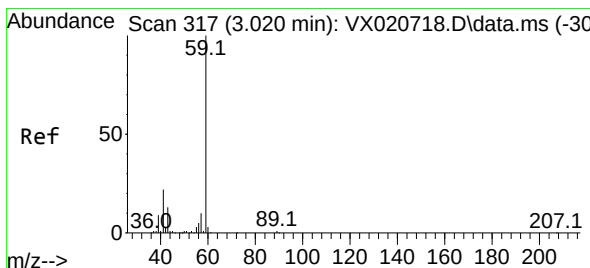
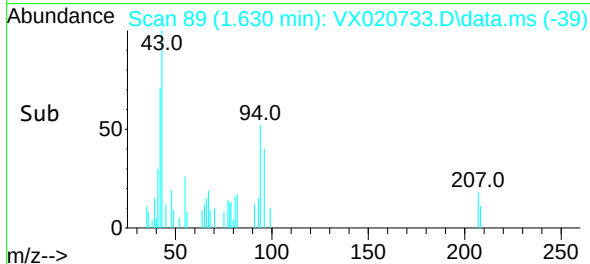
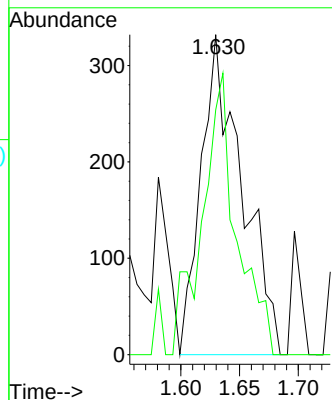
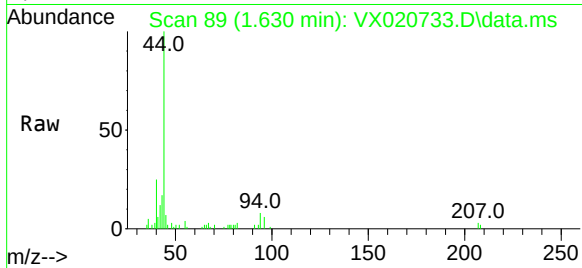




#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

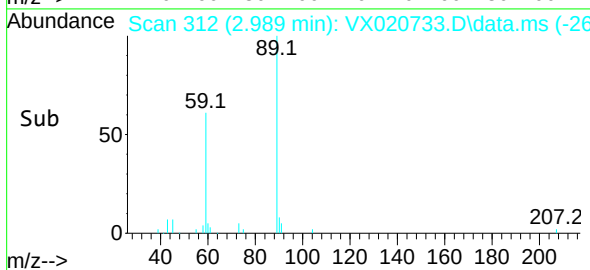
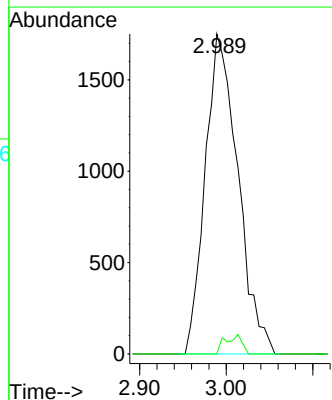
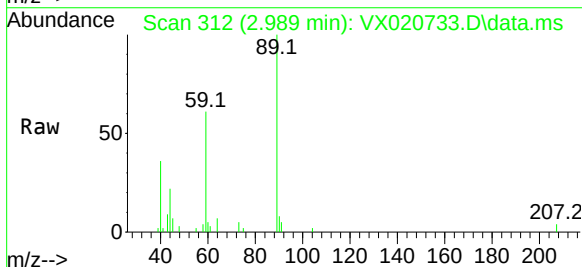
Instrument :
MSVOA_X
ClientSampled :

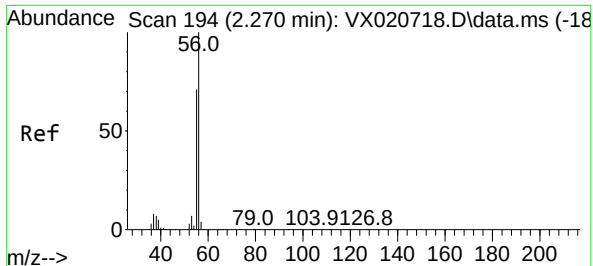
Tgt Ion: 94 Resp: 805
Ion Ratio Lower Upper
94 100
96 76.5 76.4 114.6



#11
Tert butyl alcohol
Concen: 5.68 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Tgt Ion: 59 Resp: 4594
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

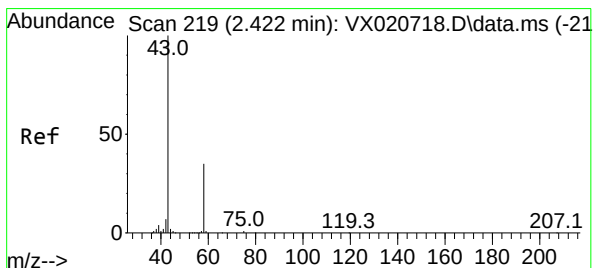
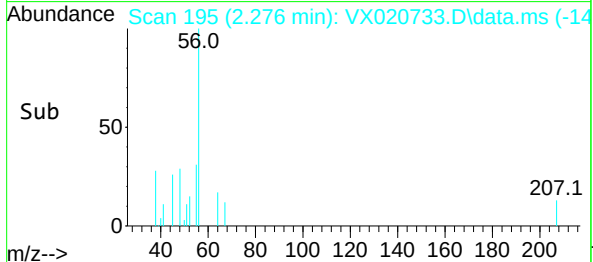
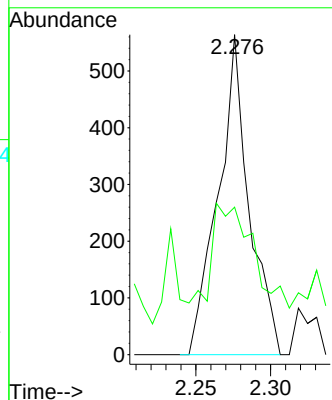
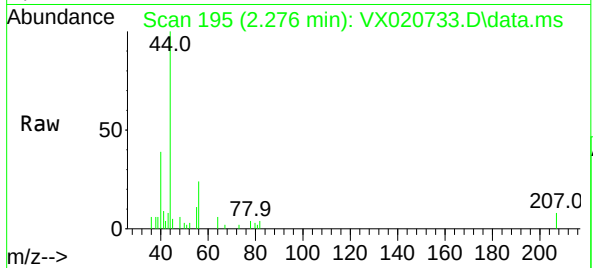




#13
Acrolein
Concen: 1.32 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

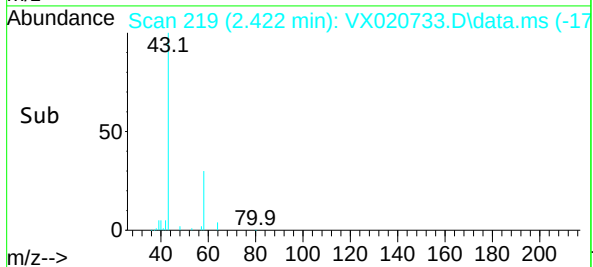
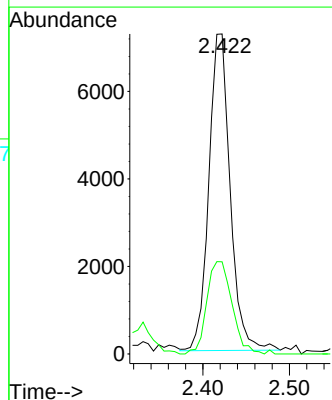
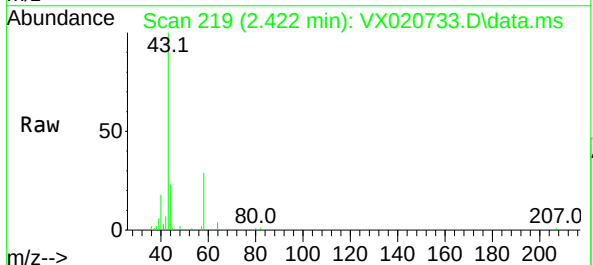
Instrument :
MSVOA_X
ClientSampled :

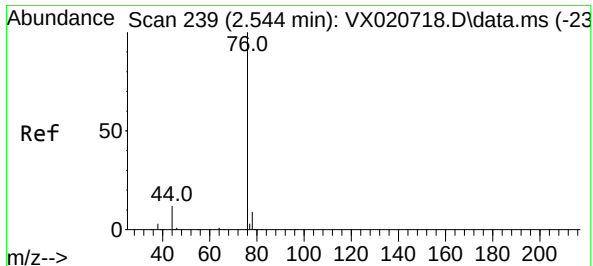
Tgt Ion: 56 Resp: 808
Ion Ratio Lower Upper
56 100
55 82.8 56.4 84.6



#16
Acetone
Concen: 7.55 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Tgt Ion: 43 Resp: 12402
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8

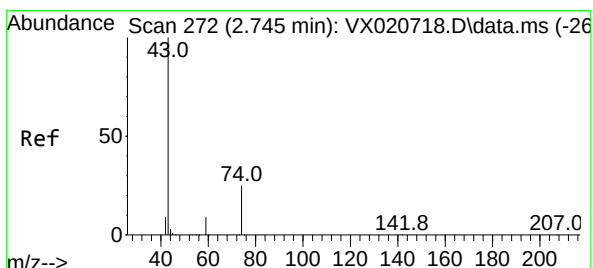
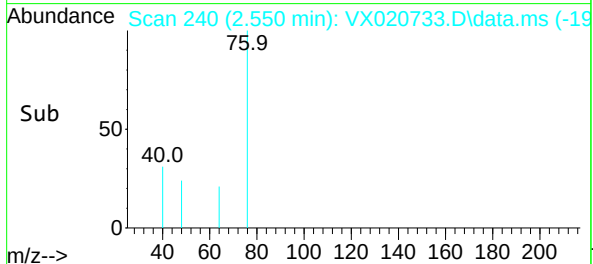
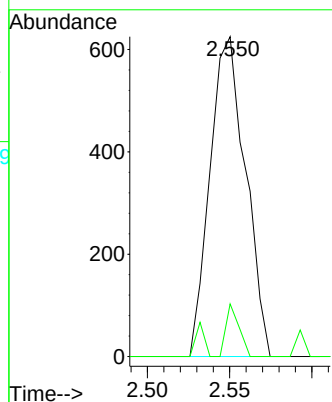
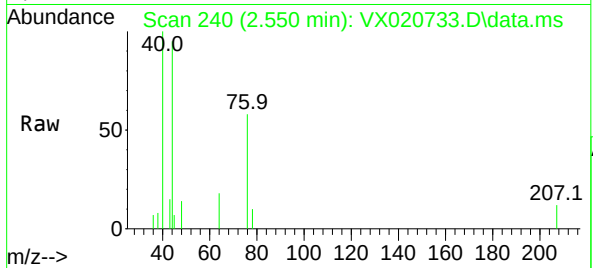




#17
Carbon Disulfide
Concen: 0.99 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

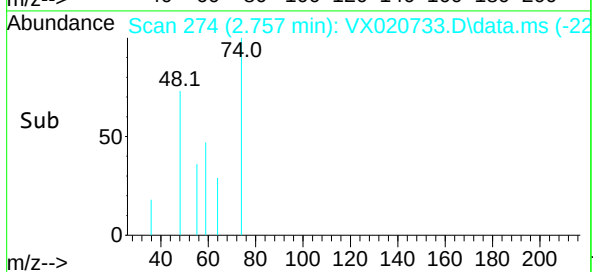
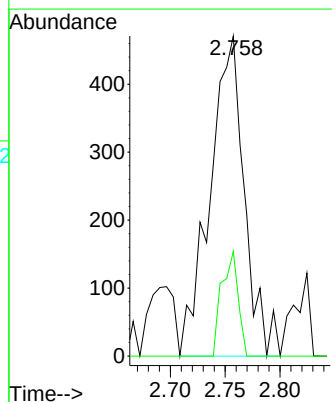
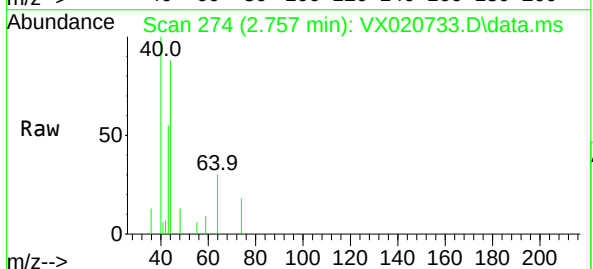
Instrument :
MSVOA_X
ClientSampled :

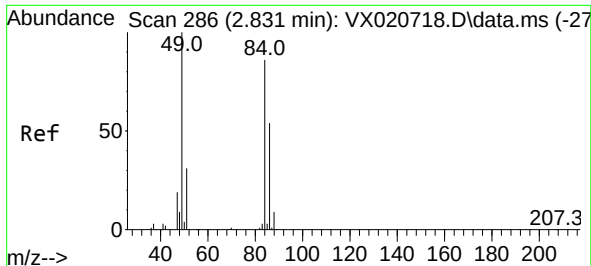
Tgt Ion: 76 Resp: 940
Ion Ratio Lower Upper
76 100
78 16.5 7.2 10.8#



#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.757 min Scan# 274
Delta R.T. 0.012 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

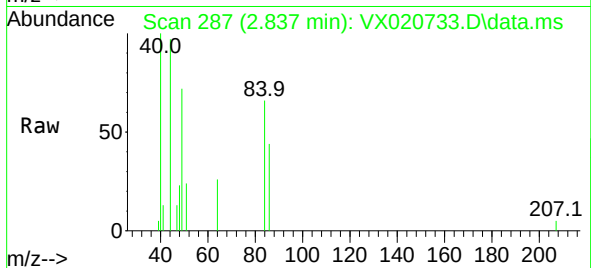
Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
74 15.5 21.9 32.9#



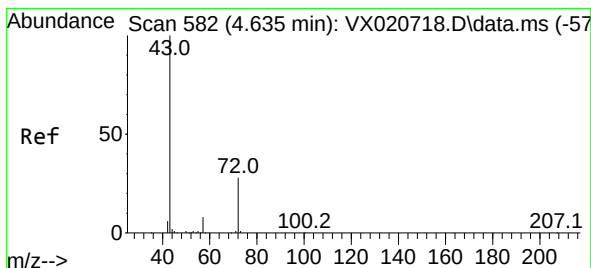
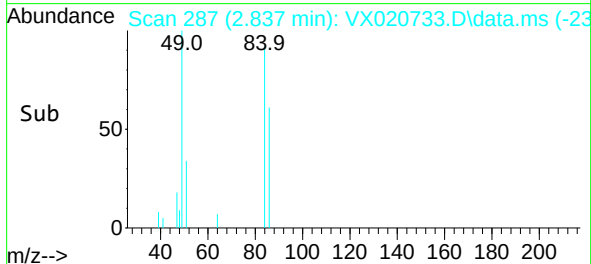
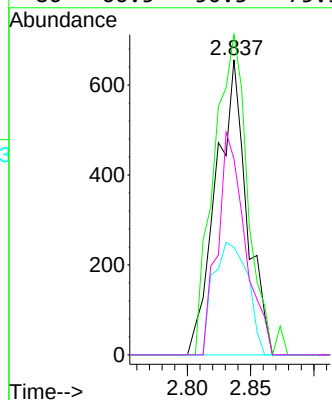


#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Instrument :
MSVOA_X
ClientSampled :

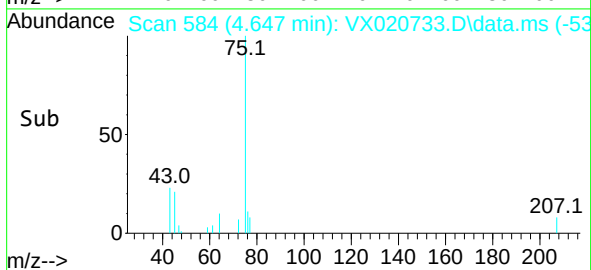
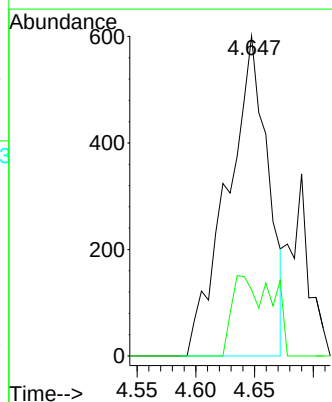
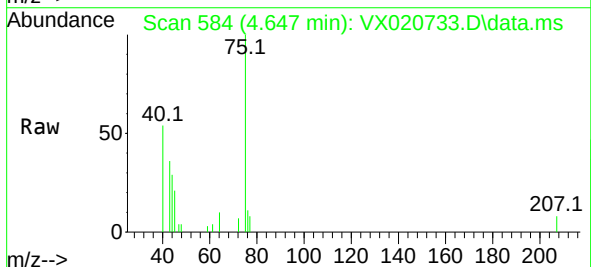


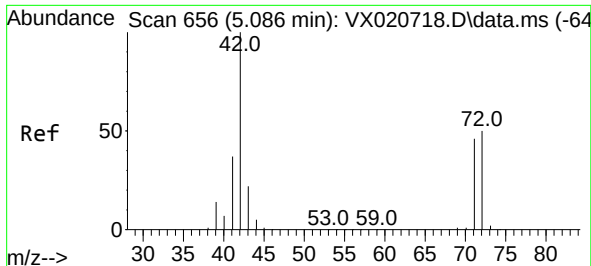
Tgt Ion: 84	Resp: 1110
Ion Ratio	Lower Upper
84 100	
49 108.5	88.6 132.8
51 36.4	27.0 40.6
86 66.5	50.3 75.5



#25
2-Butanone
Concen: 0.56 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.012 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Tgt Ion: 43	Resp: 1441
Ion Ratio	Lower Upper
43 100	
72 20.6	23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.25 ug/l

RT: 5.099 min Scan# 658

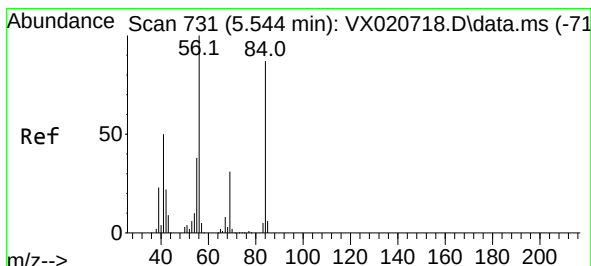
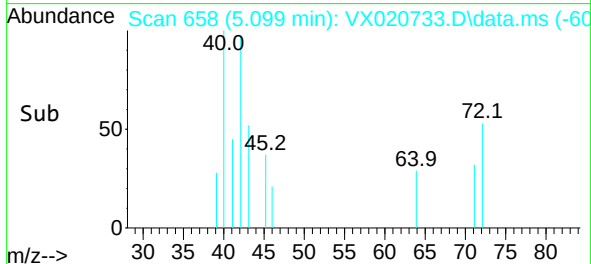
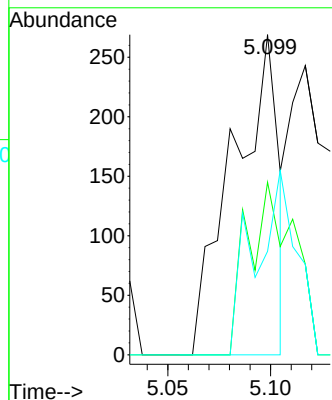
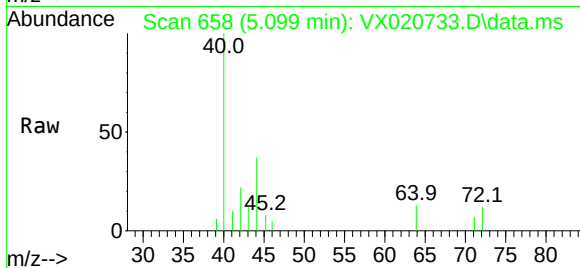
Delta R.T. 0.013 min

Lab File: VX020733.D

Acq: 25 Jan 2021 18:33

Tgt Ion:	42	Resp:	415
Ion	Ratio	Lower	Upper
42	100		
72	54.5	41.7	62.5
71	52.3	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.03 ug/l

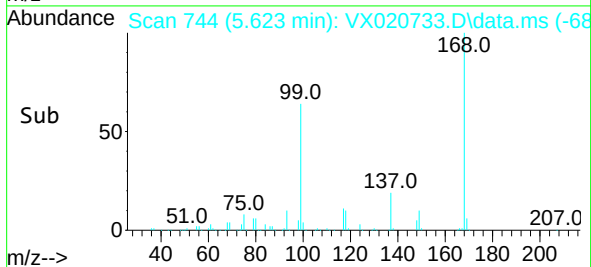
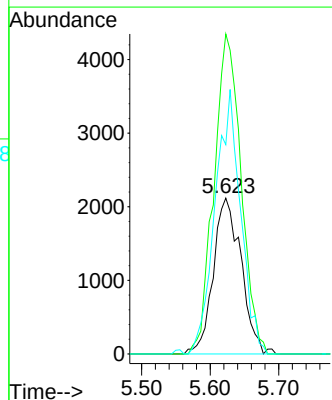
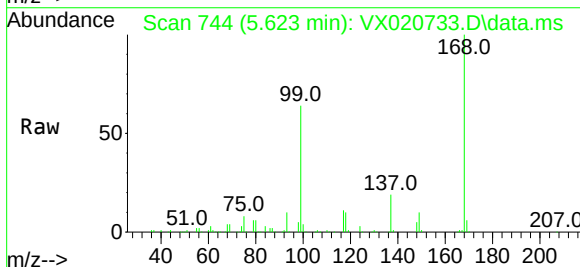
RT: 5.623 min Scan# 744

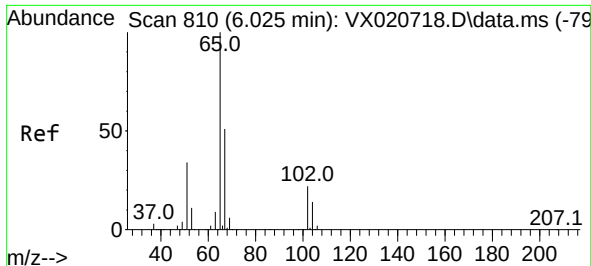
Delta R.T. 0.079 min

Lab File: VX020733.D

Acq: 25 Jan 2021 18:33

Tgt Ion:	56	Resp:	5983
Ion	Ratio	Lower	Upper
56	100		
69	205.3	25.3	37.9#
84	134.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.12 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020733.D

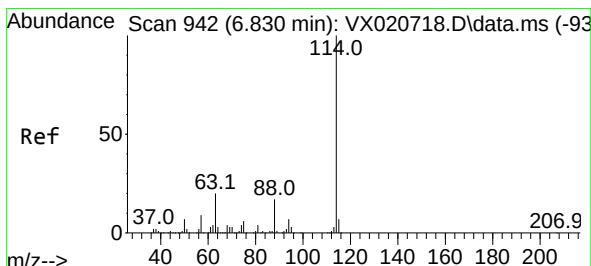
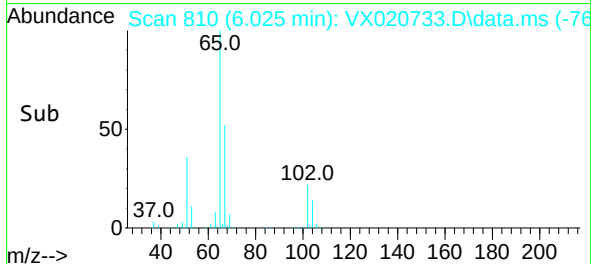
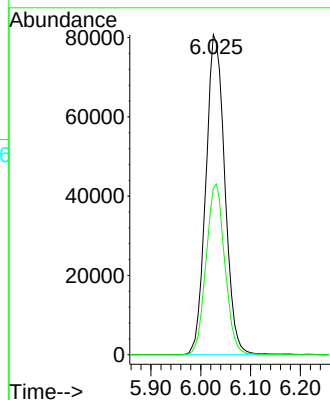
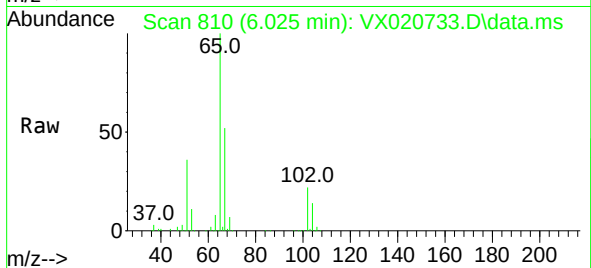
Acq: 25 Jan 2021 18:33

Tgt Ion: 65 Resp: 212940

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: VX020733.D

Acq: 25 Jan 2021 18:33

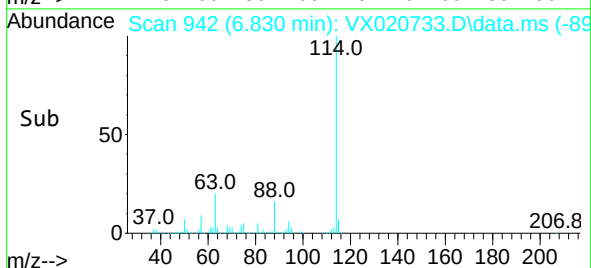
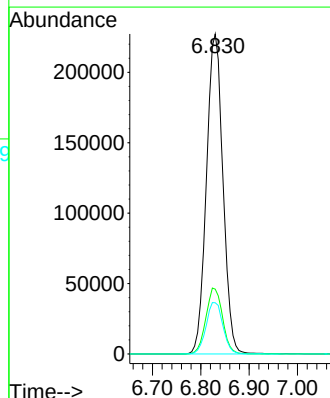
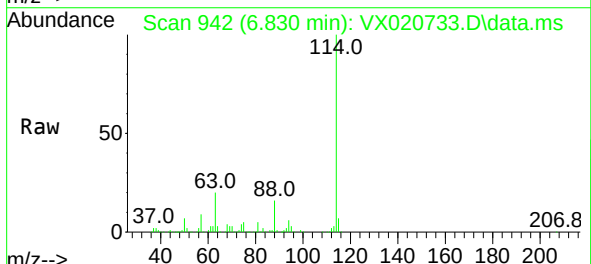
Tgt Ion: 114 Resp: 537989

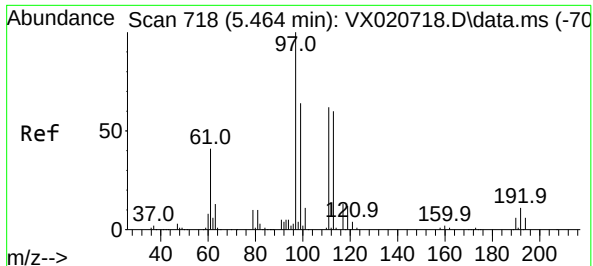
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

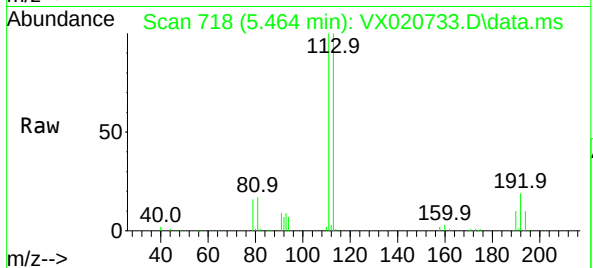
88 16.0 0.0 32.8



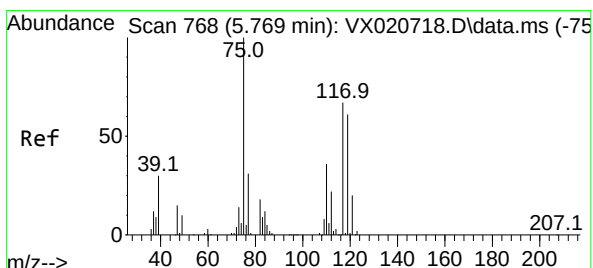
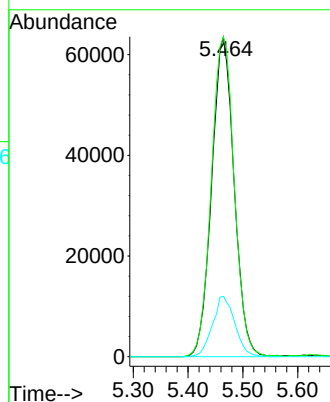
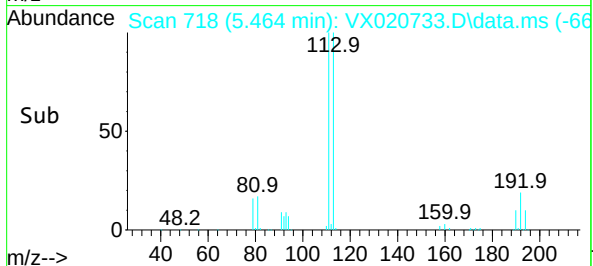


#35
Dibromofluoromethane
Concen: 48.80 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

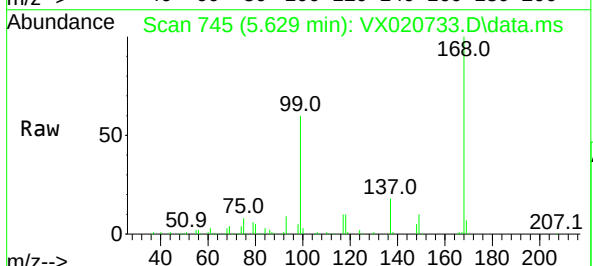
Instrument :
MSVOA_X
ClientSampleId :



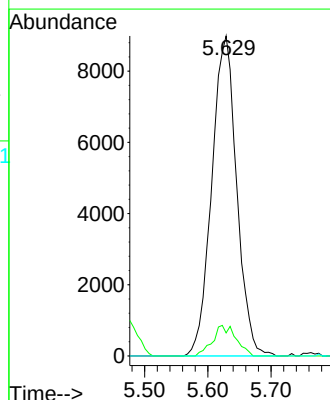
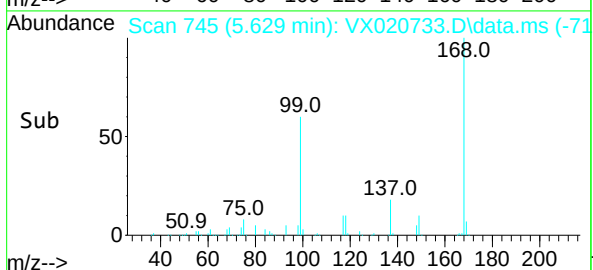
Tgt Ion:113 Resp: 179830
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 18.8 16.7 25.1

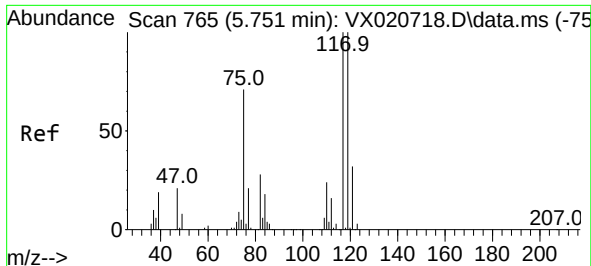


#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33



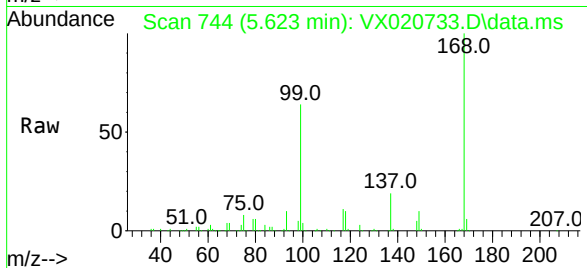
Tgt Ion: 75 Resp: 24584
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



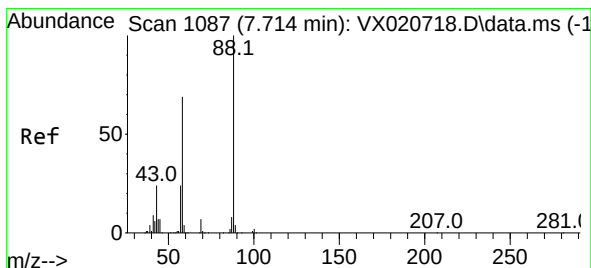
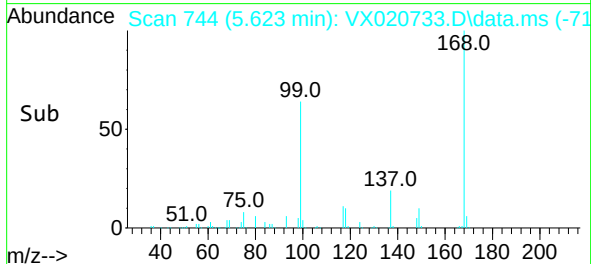
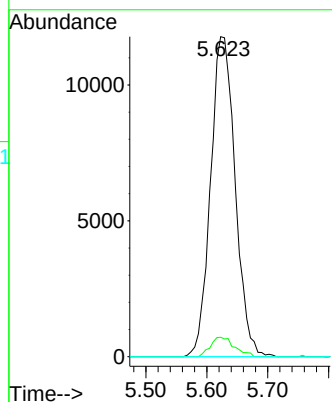


#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

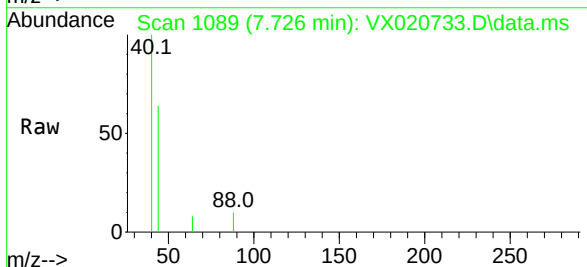
Instrument :
MSVOA_X
ClientSampled :



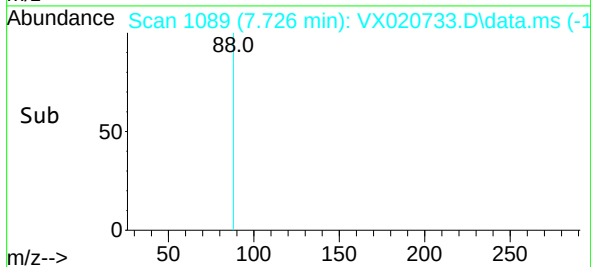
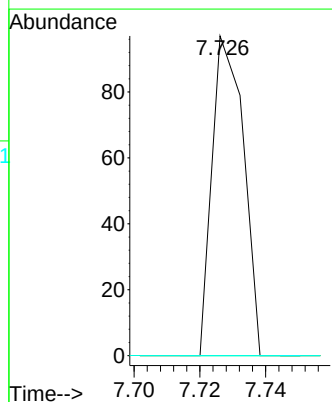
Tgt Ion:117 Resp: 33041
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

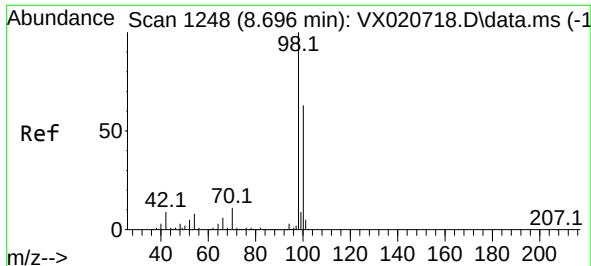


#49
1,4-Dioxane
Concen: 0.66 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.012 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33



Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#

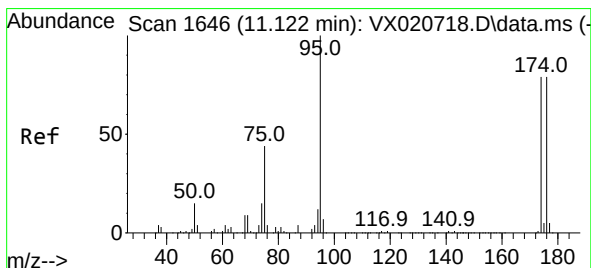
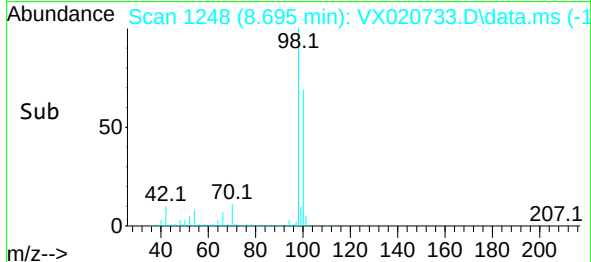
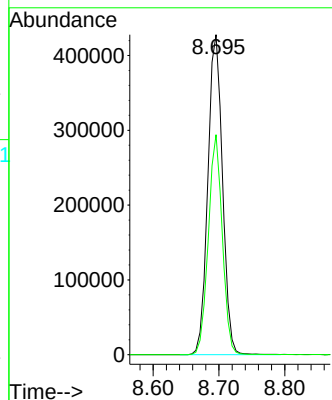
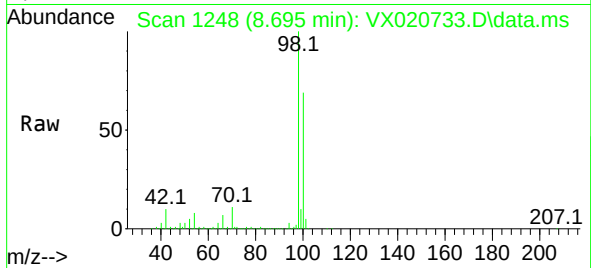




#50
Toluene-d8
Concen: 49.00 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

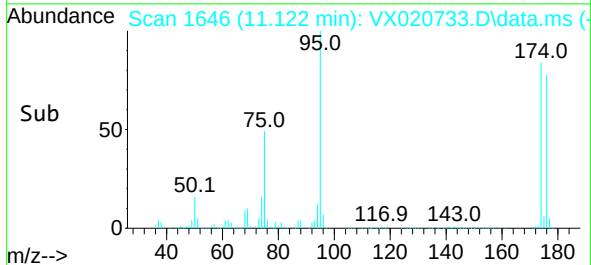
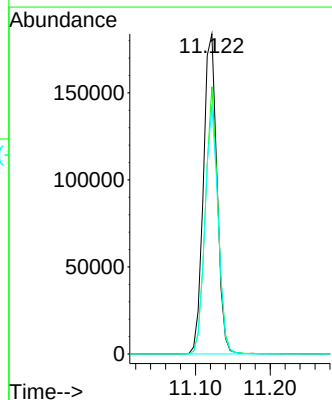
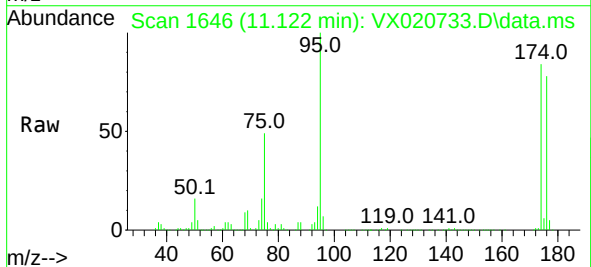
Instrument :
MSVOA_X
ClientSampled :

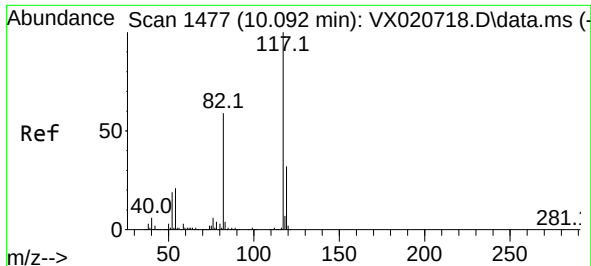
Tgt Ion: 98 Resp: 661934
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Tgt Ion: 95 Resp: 232122
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 74.7 0.0 155.8

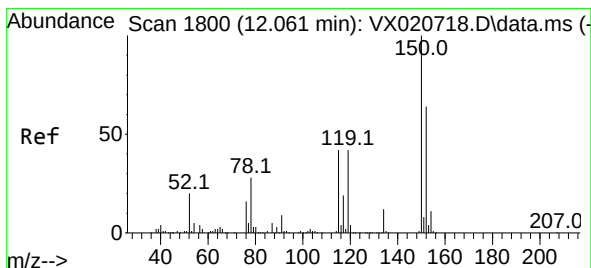
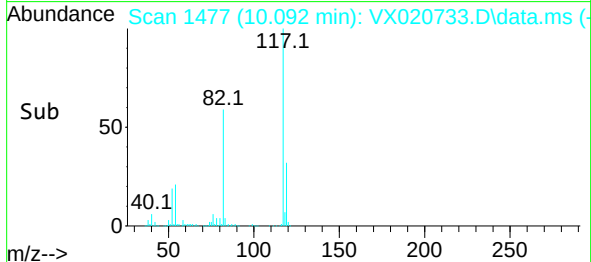
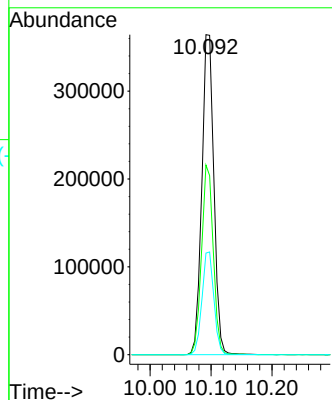
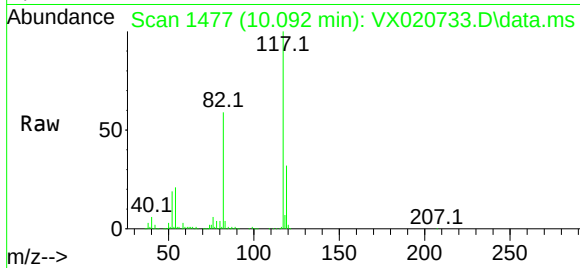




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

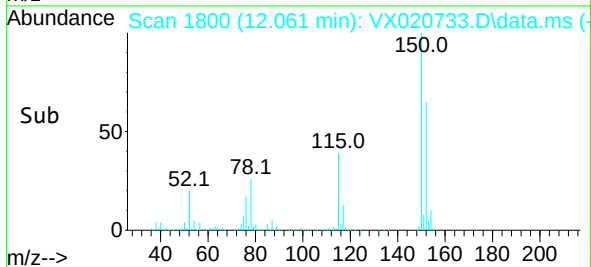
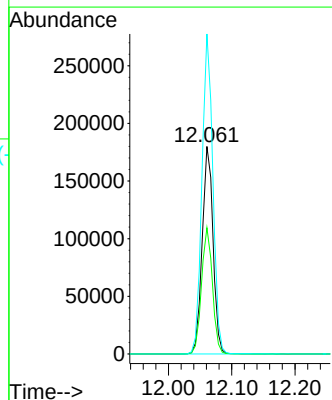
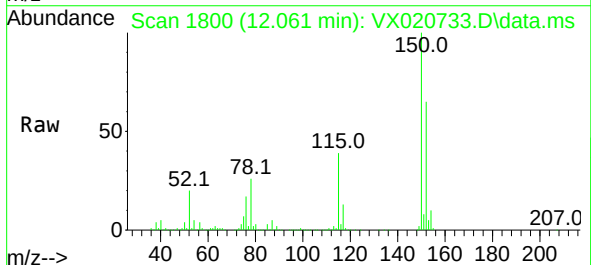
Instrument :
MSVOA_X
ClientSampleId :

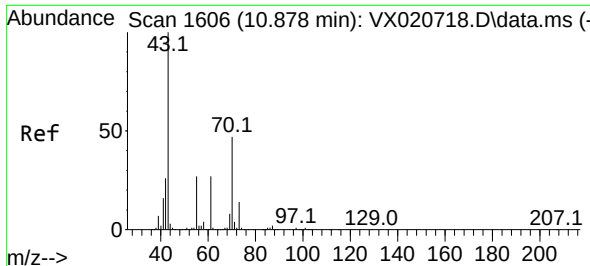
Tgt Ion:117 Resp: 501133
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

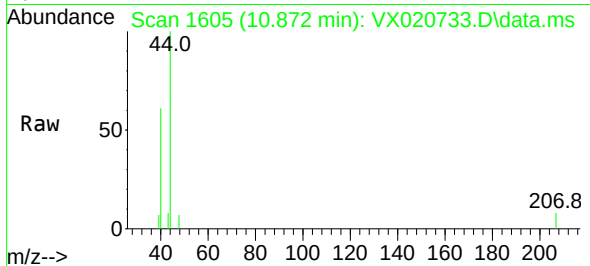
Tgt Ion:152 Resp: 215310
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 154.8 0.0 349.0



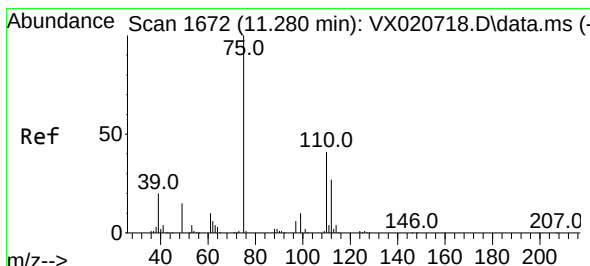
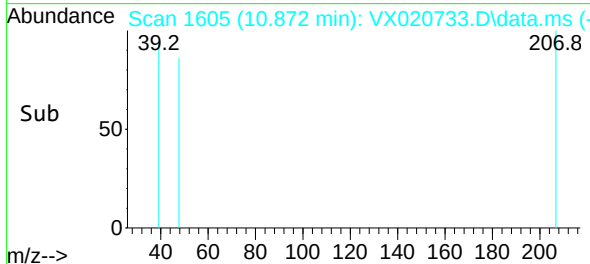
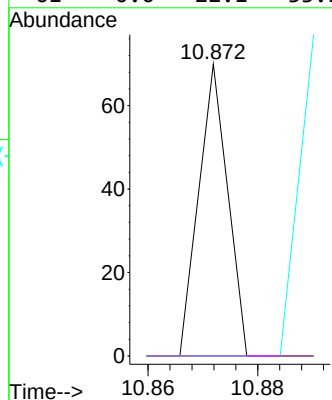


#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. -0.006 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Instrument :
MSVOA_X
ClientSampled :

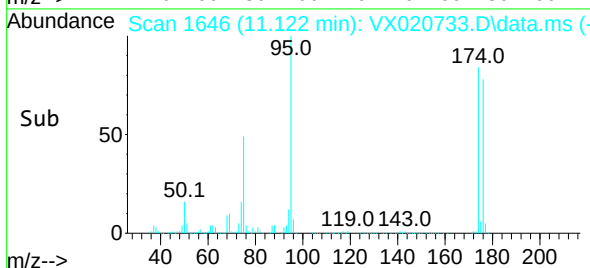
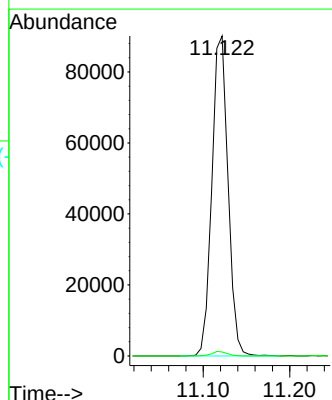
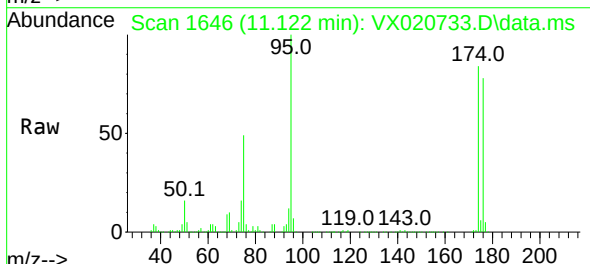


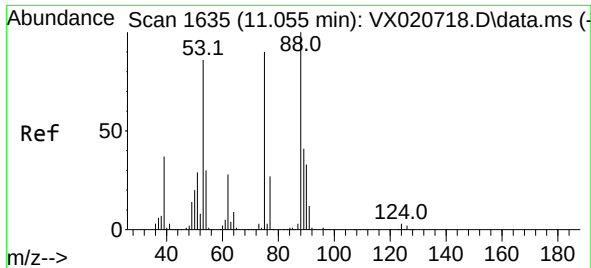
Tgt Ion: 43	Resp: 26
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	107.7 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 23.37 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Tgt Ion: 75	Resp: 116696
Ion Ratio	Lower Upper
75	100
77	1.4 19.1 57.5#

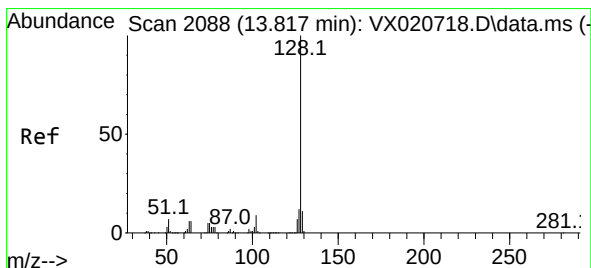
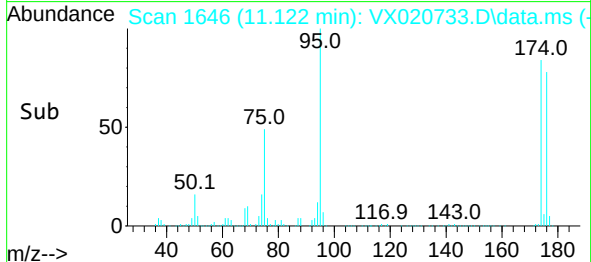
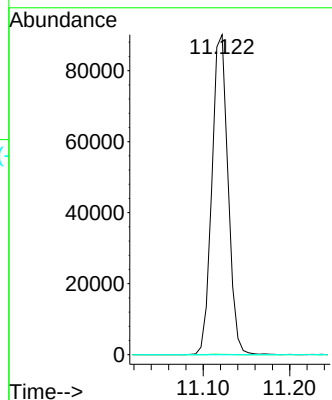
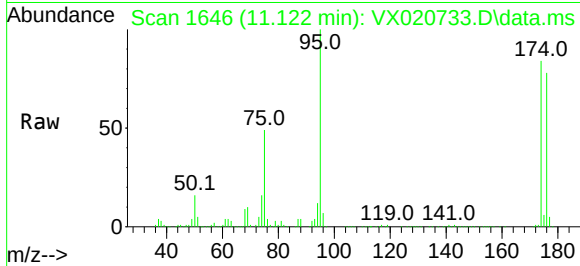




#81
trans-1,4-Dichloro-2-butene
Concen: 65.49 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 116696
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.07 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020733.D
Acq: 25 Jan 2021 18:33

Tgt Ion: 128 Resp: 3447
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.7 8.8 13.2

