

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020757.D
 Acq On : 26 Jan 2021 16:41
 Operator : JC/SP
 Sample : M1189-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

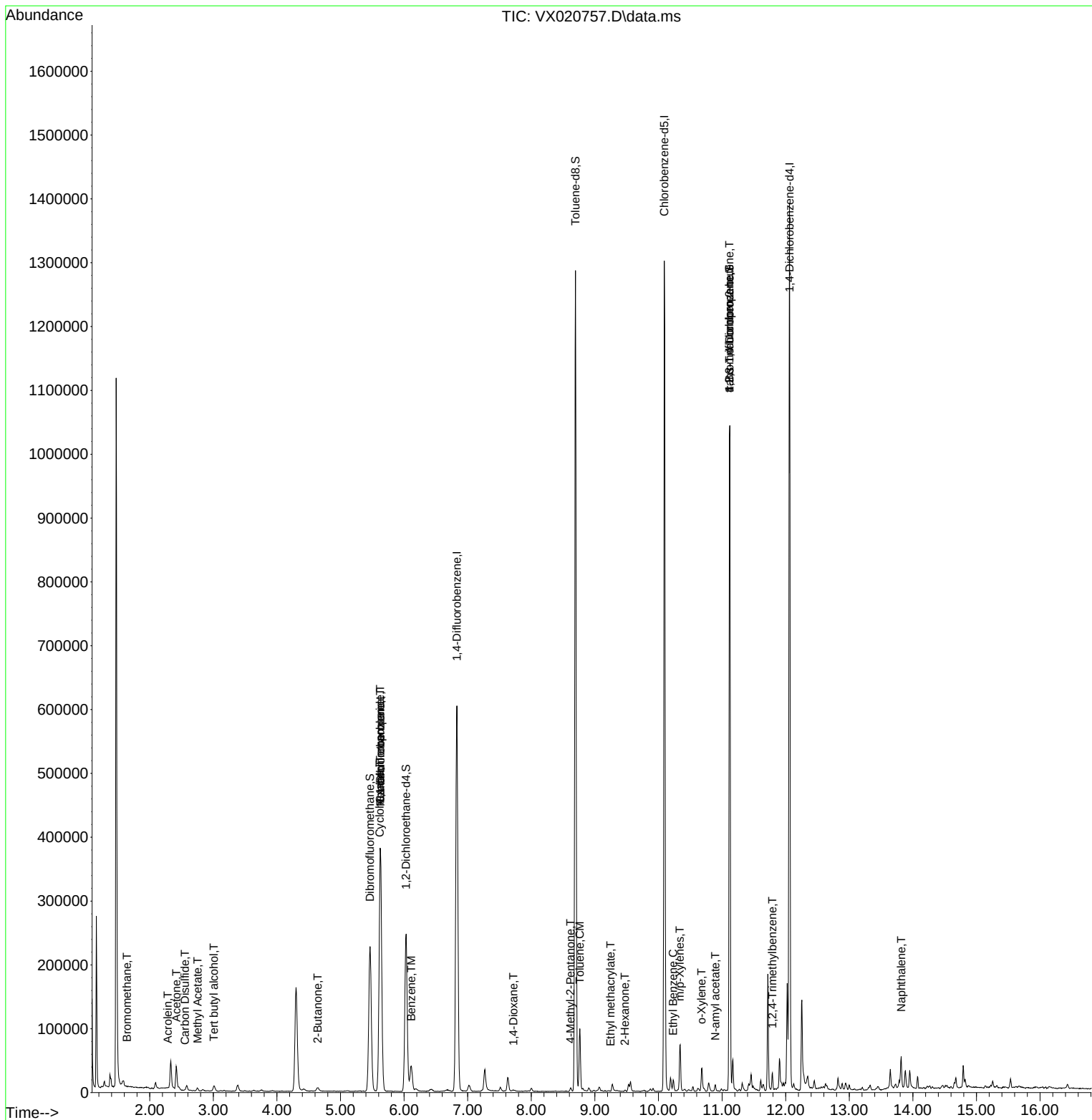
Quant Time: Jan 27 00:57:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

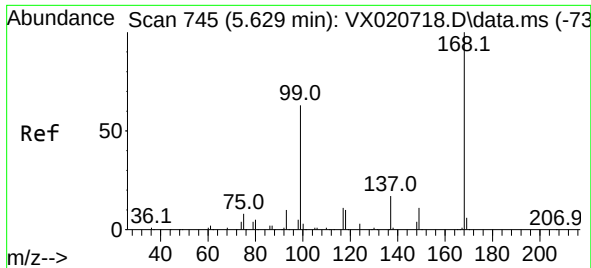
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	359918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	619395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	594780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	280500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	234059	47.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.36%		
35) Dibromofluoromethane	5.464	113	199771	47.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.18%		
50) Toluene-d8	8.696	98	771646	49.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.22%		
62) 4-Bromofluorobenzene	11.116	95	291084	48.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.38%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	515	0.21	ug/l	99
11) Tert butyl alcohol	3.008	59	9224	10.06	ug/l	98
13) Acrolein	2.282	56	638	0.92	ug/l #	73
16) Acetone	2.416	43	38330	20.59	ug/l	99
17) Carbon Disulfide	2.556	76	991	0.99	ug/l #	86
18) Methyl Acetate	2.752	43	5389	1.13	ug/l	96
25) 2-Butanone	4.641	43	9773	3.35	ug/l #	87
31) Cyclohexane	5.617	56	6723	1.02	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	27689	4.45	ug/l #	50
38) Carbon Tetrachloride	5.623	117	37707	5.77	ug/l #	16
40) Benzene	6.111	78	48596	2.65	ug/l	98
49) 1,4-Dioxane	7.720	88	892	8.01	ug/l #	76
51) 4-Methyl-2-Pentanone	8.616	43	3679	0.62	ug/l	89
52) Toluene	8.763	92	36556	3.18	ug/l	99
56) Ethyl methacrylate	9.244	69	109	2.80	ug/l #	1
59) 2-Hexanone	9.470	43	1430	0.32	ug/l	85
67) Ethyl Benzene	10.232	91	9369	0.42	ug/l	99
68) m/p-Xylenes	10.336	106	17174	2.06	ug/l	94
69) o-Xylene	10.677	106	7680	0.98	ug/l	93
74) N-amyl acetate	10.896	43	1334	2.16	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	142544	21.91	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	142544	61.40	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	10900	0.62	ug/l	94
95) Naphthalene	13.817	128	30109	4.19	ug/l	98

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

Quant Time: Jan 27 00:57:07 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

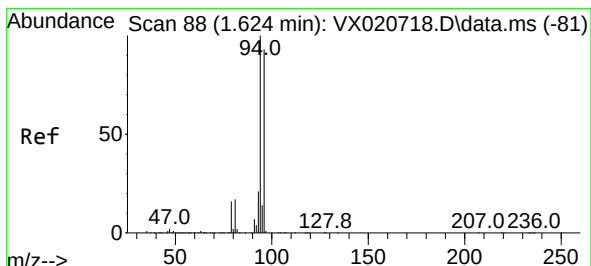
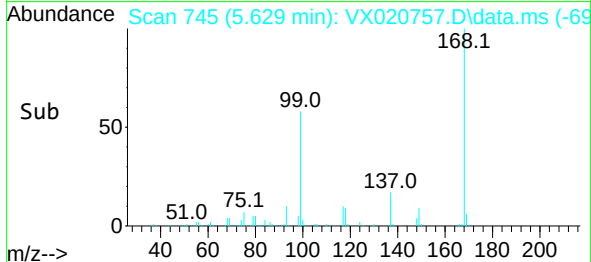
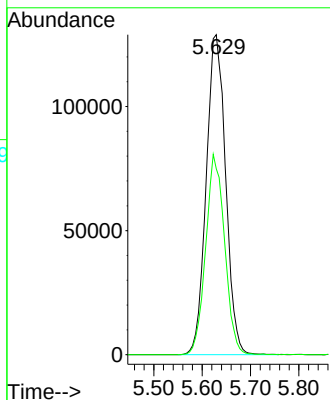
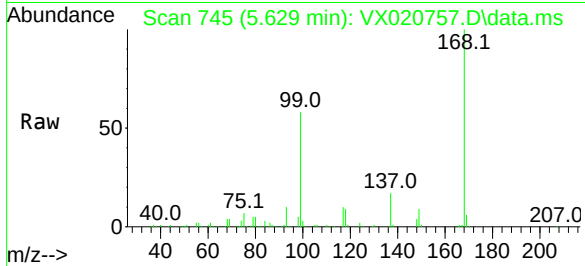




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

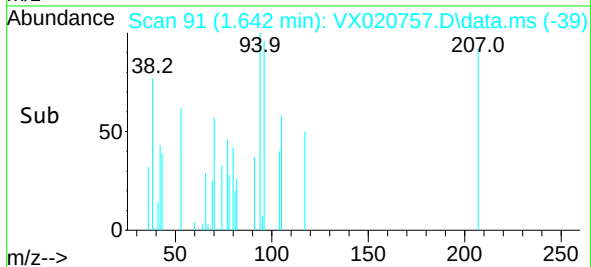
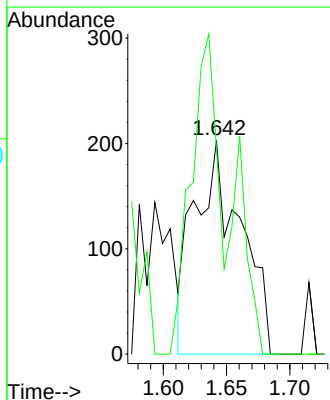
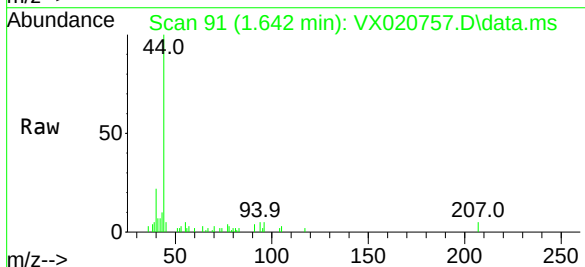
Instrument :
MSVOA_X
ClientSampled :

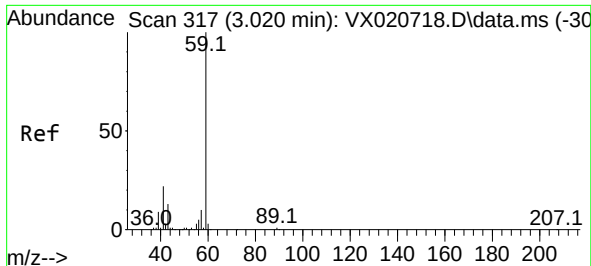
Tgt Ion:168 Resp: 359918
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#5
Bromomethane
Concen: 0.21 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

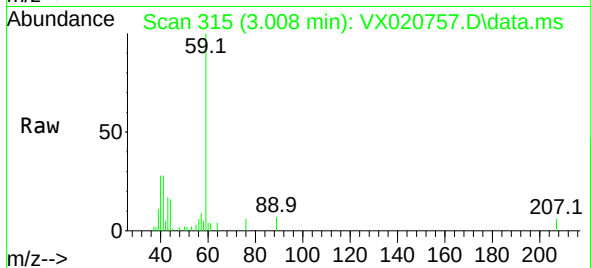
Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 96.1 76.4 114.6



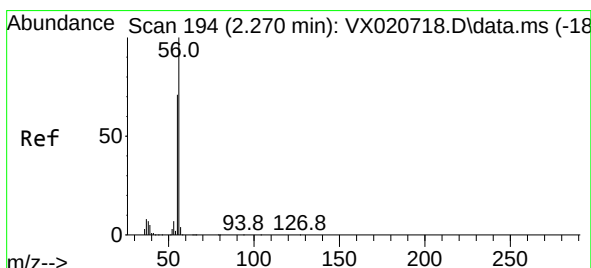
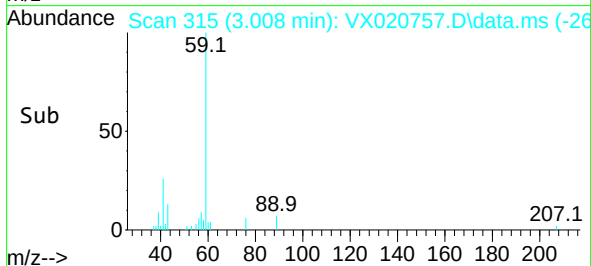
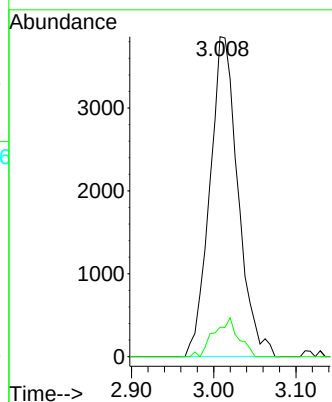


#11
Tert butyl alcohol
Concen: 10.06 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Instrument :
MSVOA_X
ClientSampled :

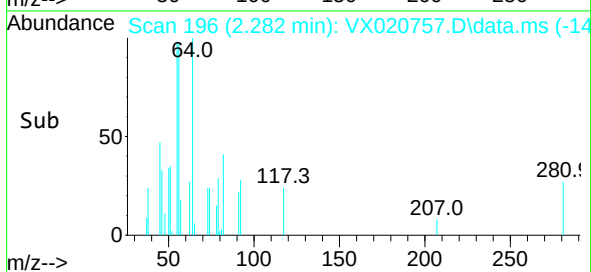
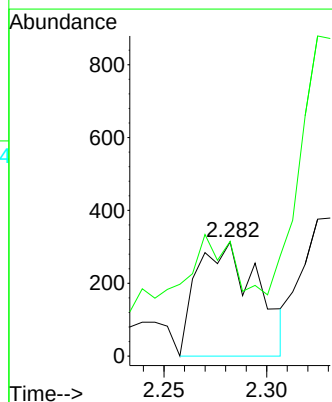
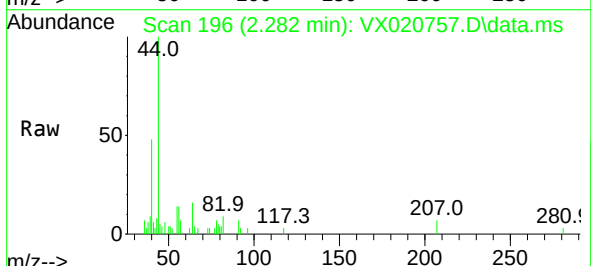


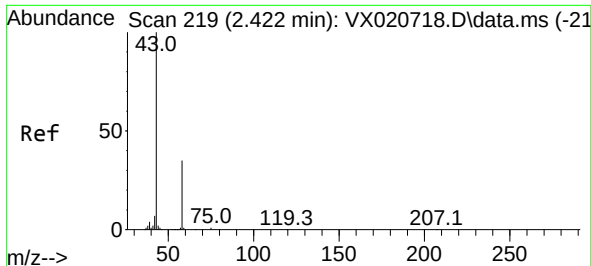
Tgt Ion: 59 Resp: 9224
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.8



#13
Acrolein
Concen: 0.92 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion: 56 Resp: 638
Ion Ratio Lower Upper
56 100
55 92.8 56.4 84.6#

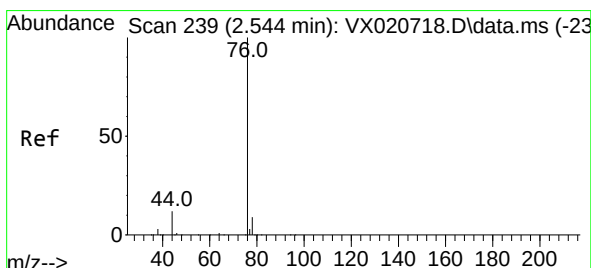
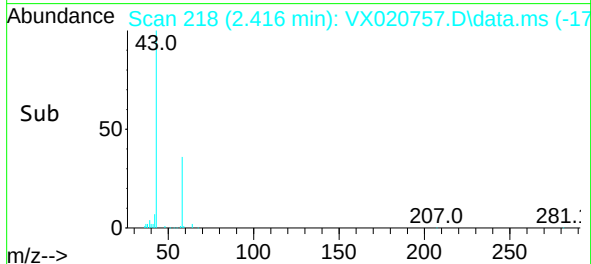
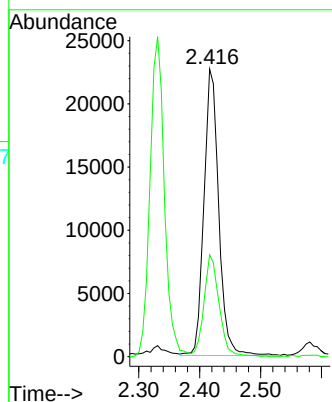
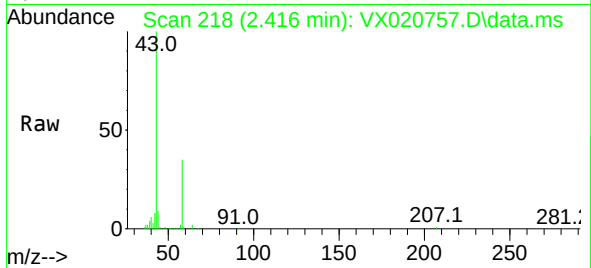




#16
Acetone
Concen: 20.59 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

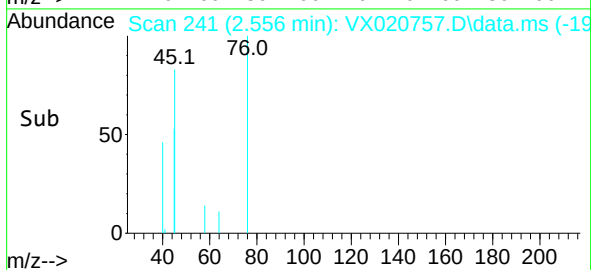
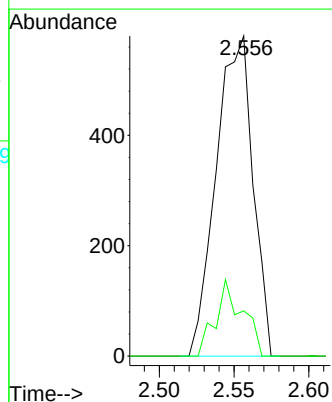
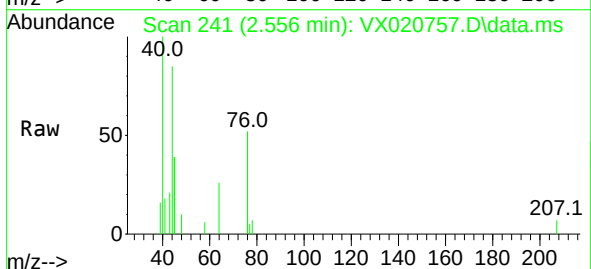
Instrument :
MSVOA_X
ClientSampled :

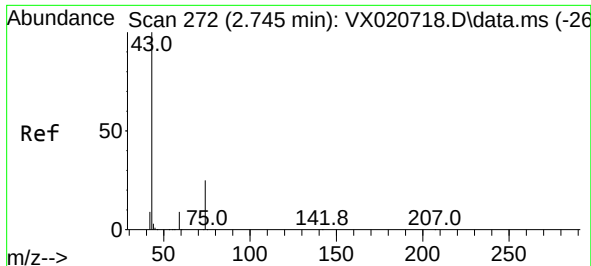
Tgt Ion: 43 Resp: 38330
Ion Ratio Lower Upper
43 100
58 35.6 27.8 41.8



#17
Carbon Disulfide
Concen: 0.99 ug/l
RT: 2.556 min Scan# 241
Delta R.T. 0.012 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion: 76 Resp: 991
Ion Ratio Lower Upper
76 100
78 14.1 7.2 10.8#

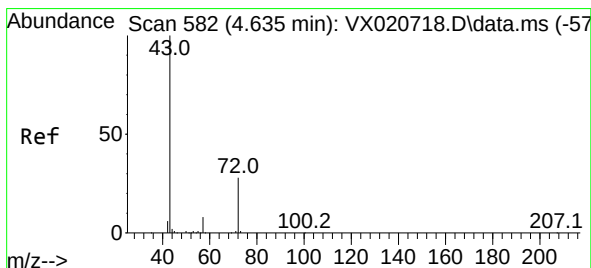
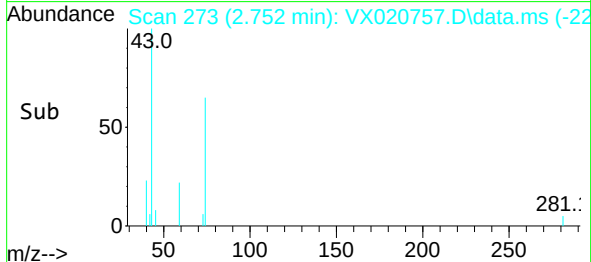
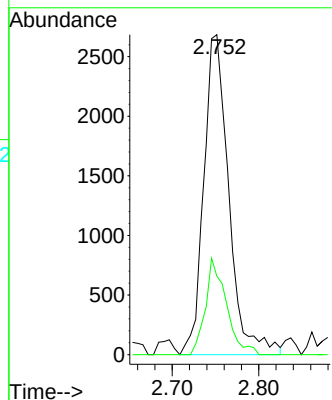
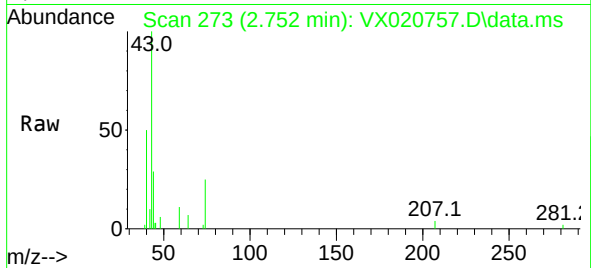




#18
Methyl Acetate
Concen: 1.13 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

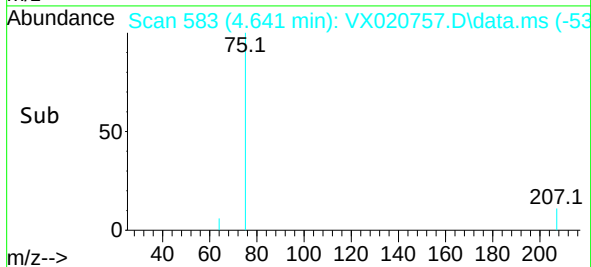
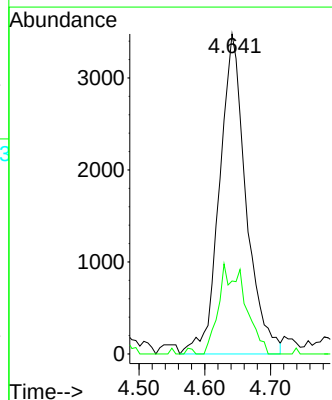
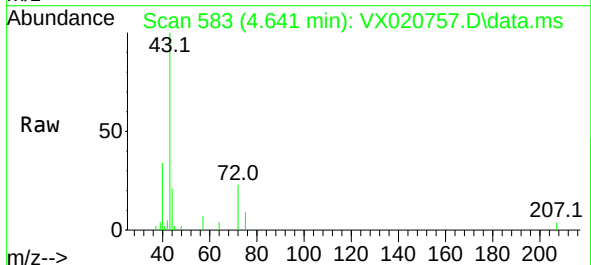
Instrument :
MSVOA_X
ClientSampled :

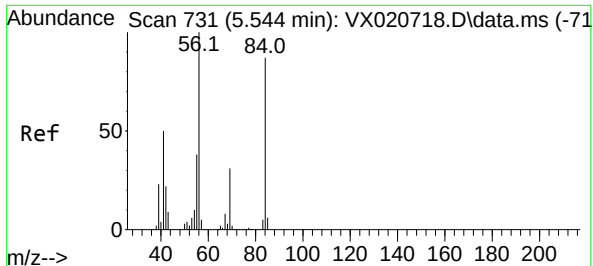
Tgt Ion: 43 Resp: 5389
Ion Ratio Lower Upper
43 100
74 25.1 21.9 32.9



#25
2-Butanone
Concen: 3.35 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.006 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

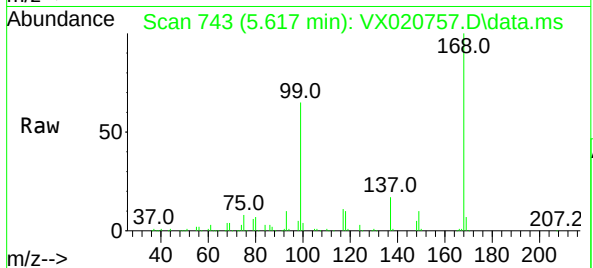
Tgt Ion: 43 Resp: 9773
Ion Ratio Lower Upper
43 100
72 22.8 23.7 35.5#



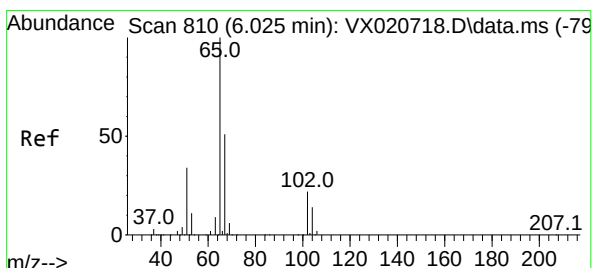
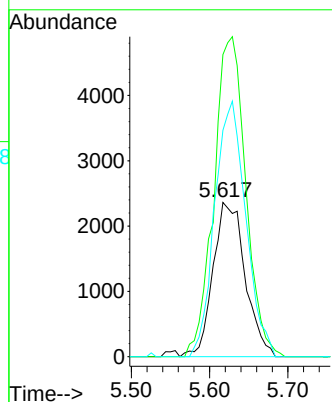
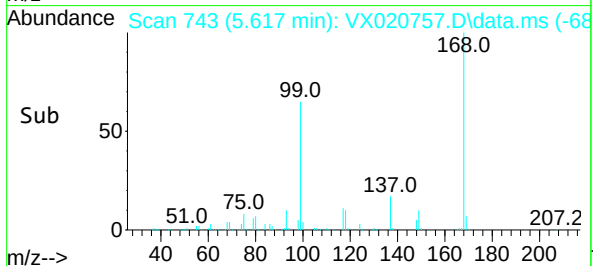


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.073 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

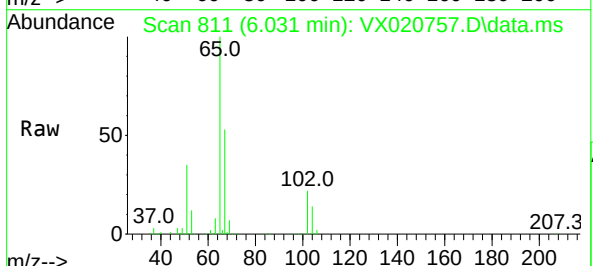
Instrument :
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ClientSampleId :



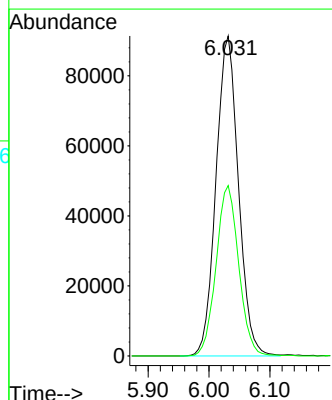
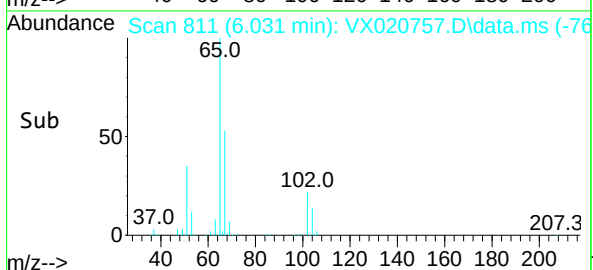
Tgt Ion: 56 Resp: 6723
Ion Ratio Lower Upper
56 100
69 195.9 25.3 37.9#
84 146.8 71.4 107.0#

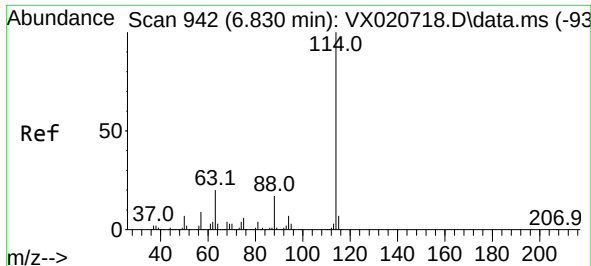


#33
1,2-Dichloroethane-d4
Concen: 47.68 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41



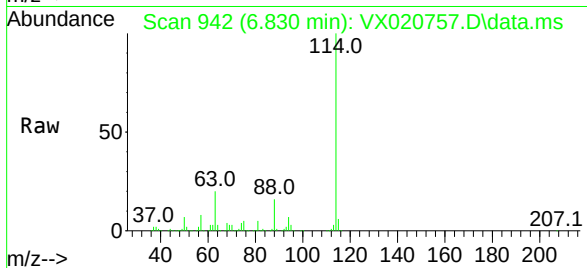
Tgt Ion: 65 Resp: 234059
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4



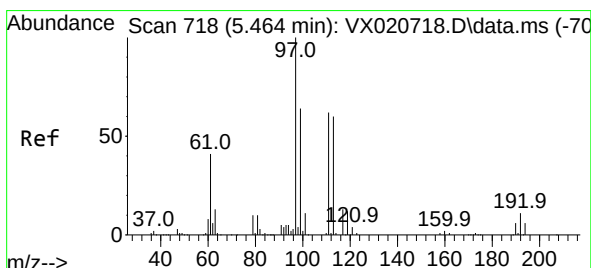
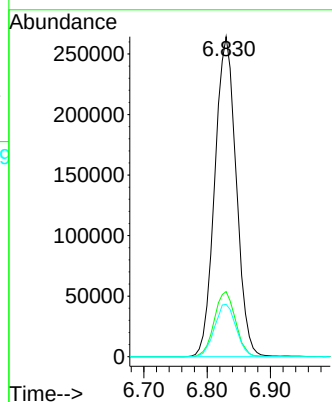
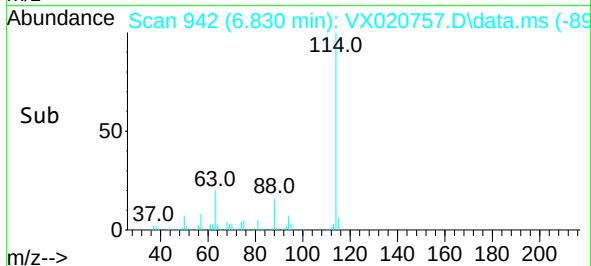


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

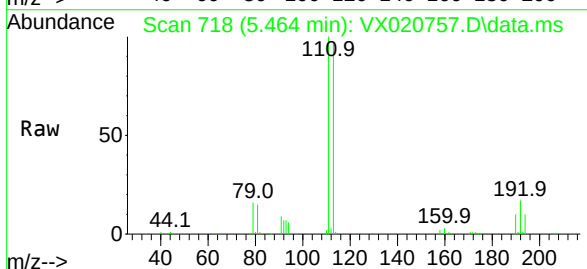
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MSVOA_X
ClientSampleId :



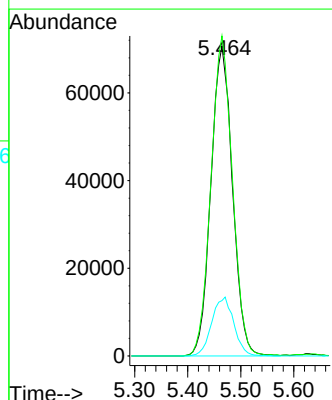
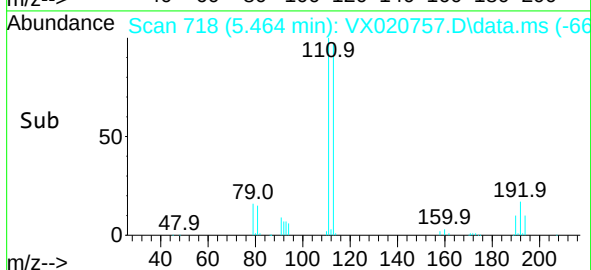
Tgt Ion:114 Resp: 619395
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.3 0.0 32.8

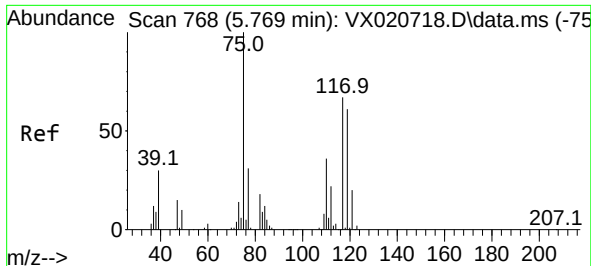


#35
Dibromofluoromethane
Concen: 47.09 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41



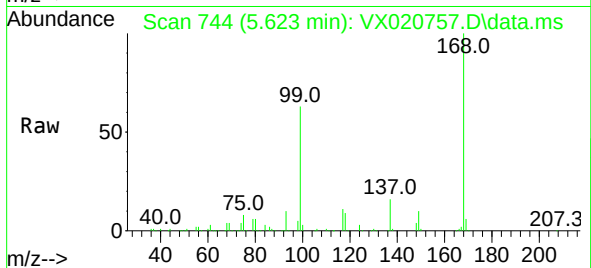
Tgt Ion:113 Resp: 199771
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.4 16.7 25.1



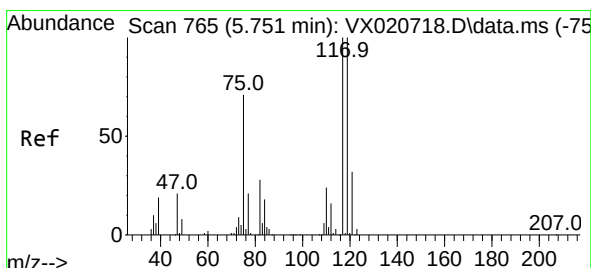
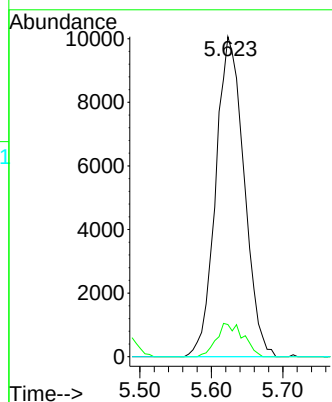
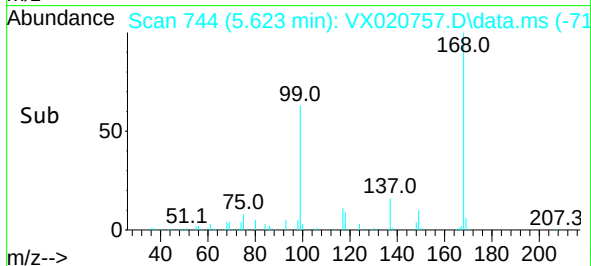


#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

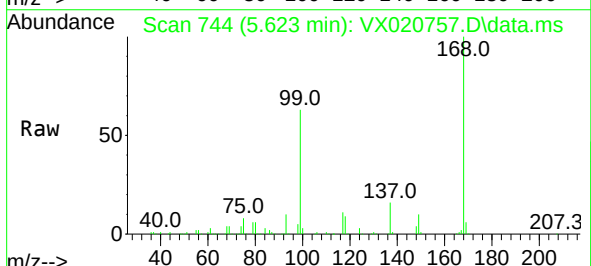
Instrument :
MSVOA_X
ClientSampleId :



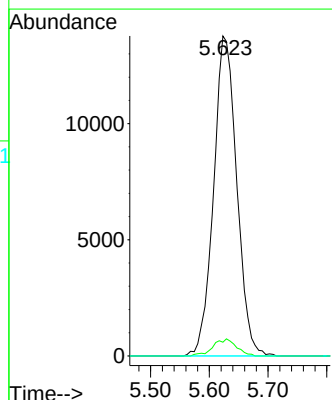
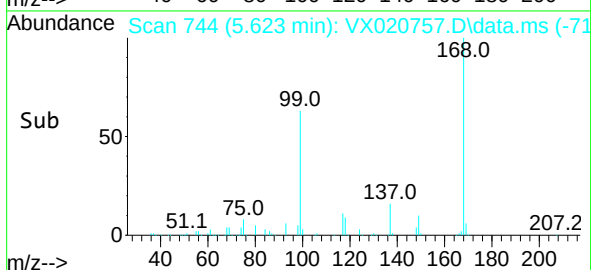
Tgt Ion: 75 Resp: 27689
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#

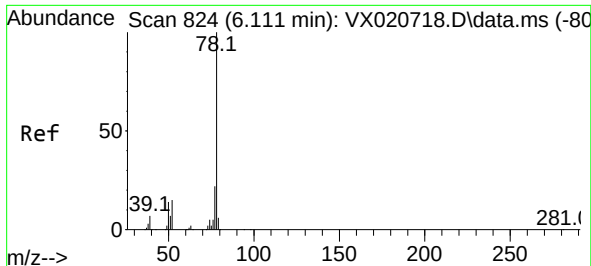


#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41



Tgt Ion: 117 Resp: 37707
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

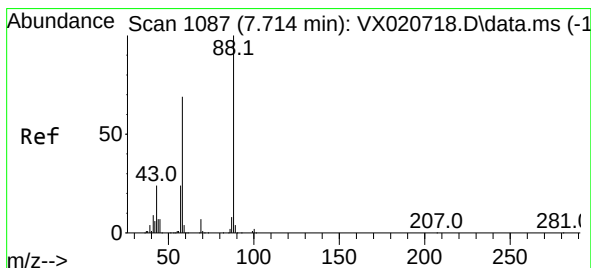
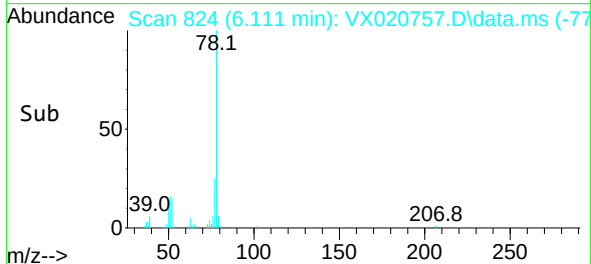
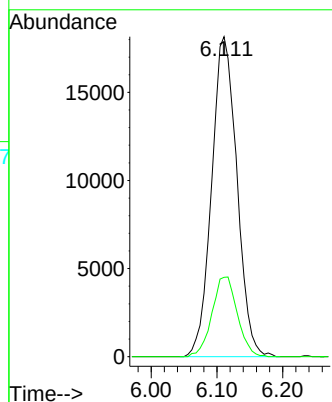
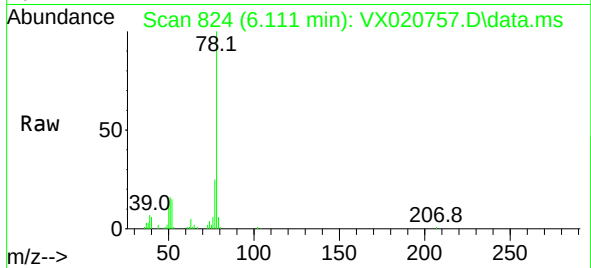




#40
Benzene
Concen: 2.65 ug/l
RT: 6.111 min Scan# 824
Delta R.T. -0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

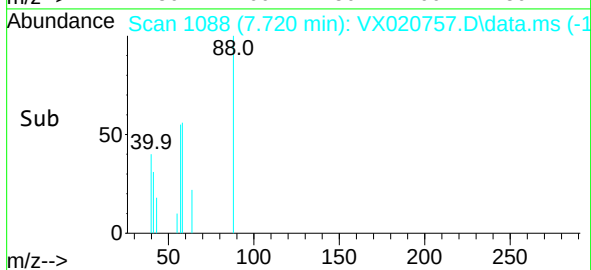
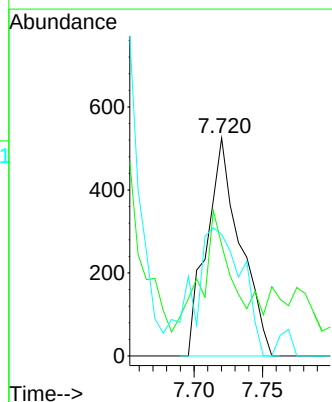
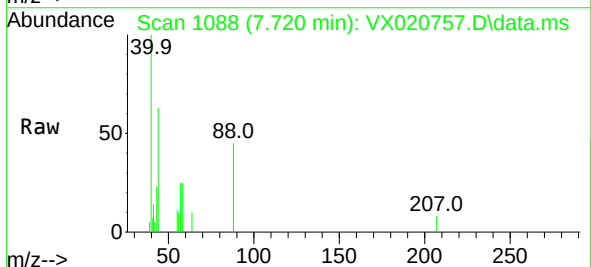
Instrument :
MSVOA_X
ClientSampled :

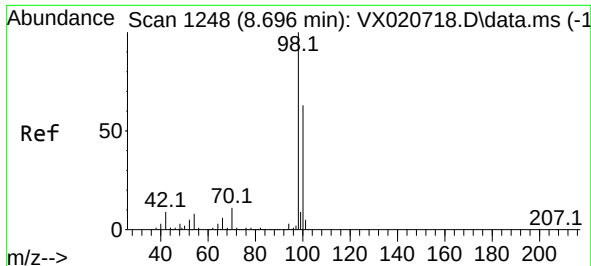
Tgt Ion: 78 Resp: 48596
Ion Ratio Lower Upper
78 100
77 24.8 18.9 28.3



#49
1,4-Dioxane
Concen: 8.01 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion: 88 Resp: 892
Ion Ratio Lower Upper
88 100
43 45.6 23.2 34.8#
58 85.2 55.0 82.4#

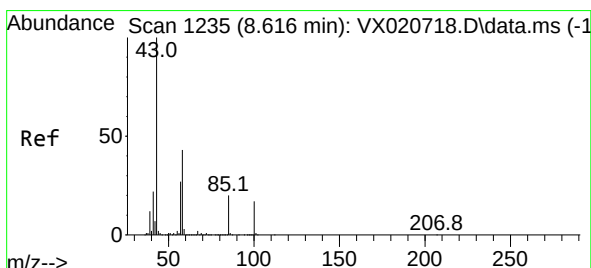
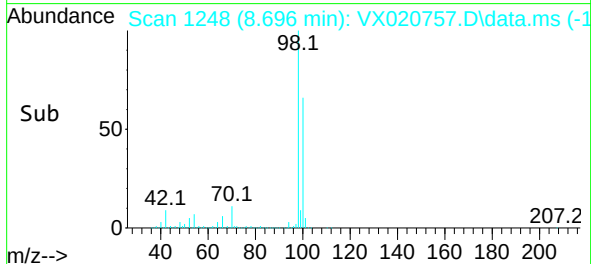
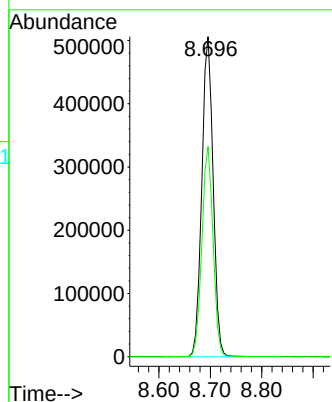
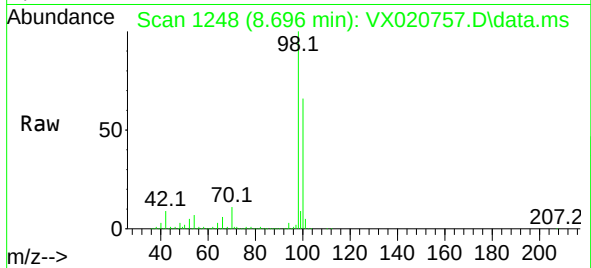




#50
Toluene-d8
Concen: 49.61 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

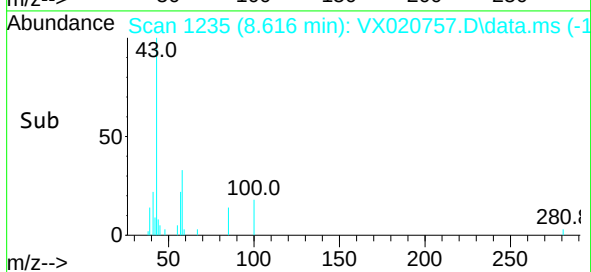
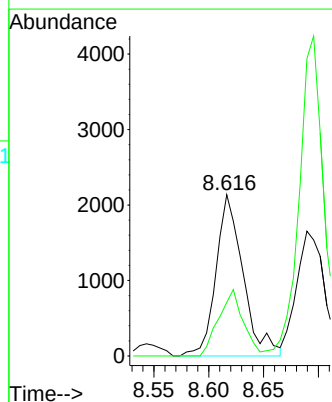
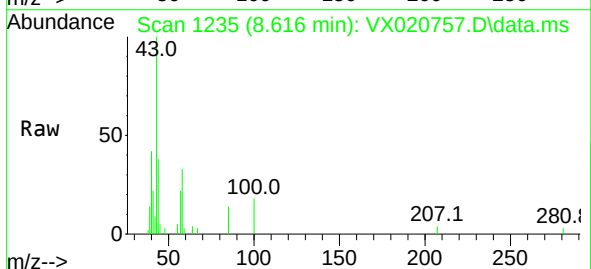
Instrument :
MSVOA_X
ClientSampled :

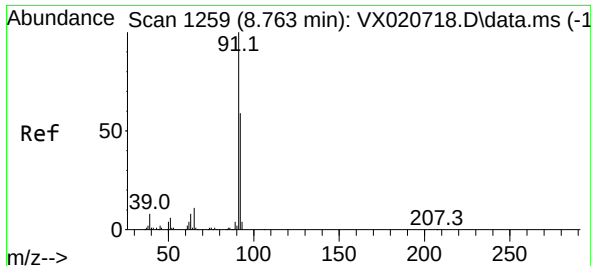
Tgt Ion: 98 Resp: 771646
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion: 43 Resp: 3679
Ion Ratio Lower Upper
43 100
58 37.2 35.4 53.0

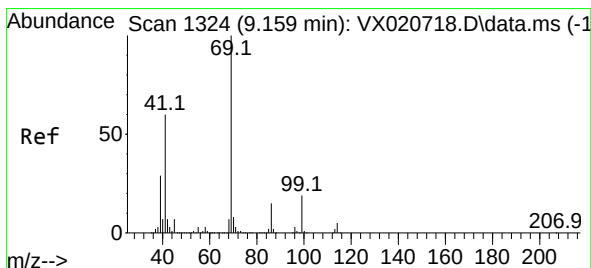
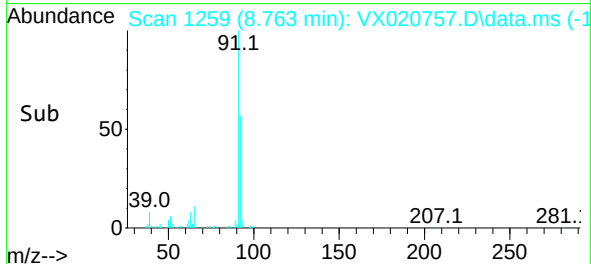
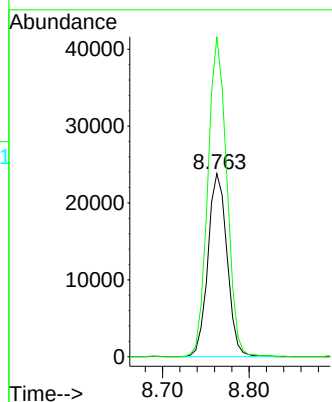
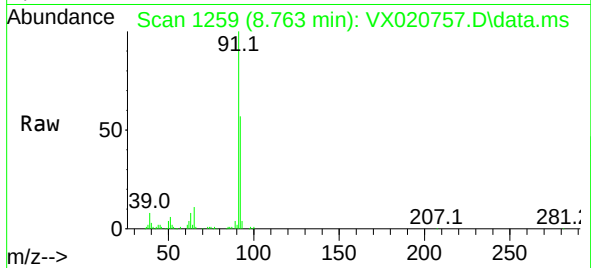




#52
Toluene
Concen: 3.18 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

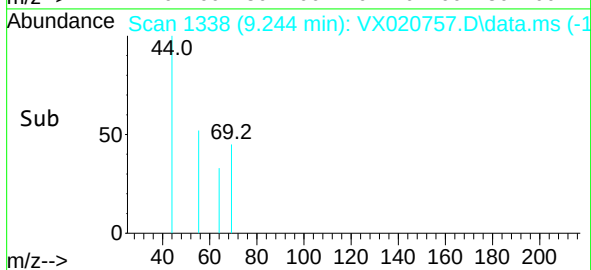
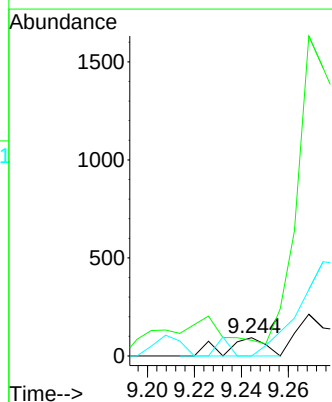
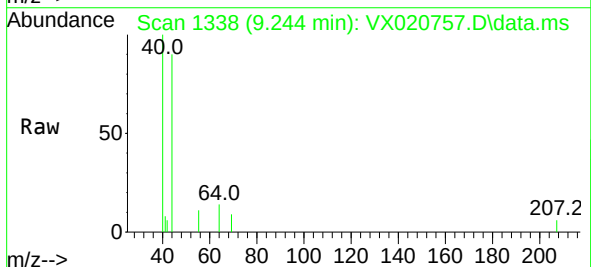
Instrument :
MSVOA_X
ClientSampled :

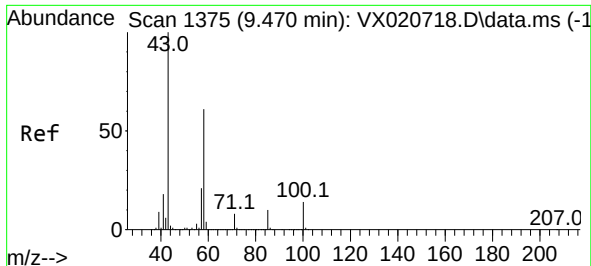
Tgt Ion: 92 Resp: 36556
Ion Ratio Lower Upper
92 100
91 173.4 137.1 205.7



#56
Ethyl methacrylate
Concen: 2.80 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.085 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion: 69 Resp: 109
Ion Ratio Lower Upper
69 100
41 366.1 46.8 70.2#
39 33.0 24.7 37.1

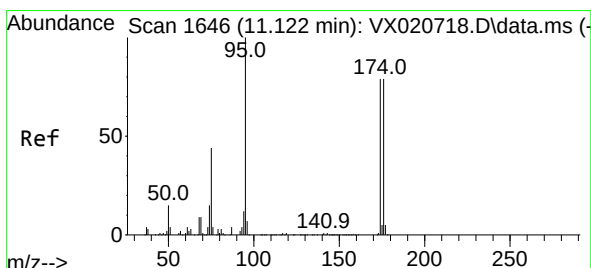
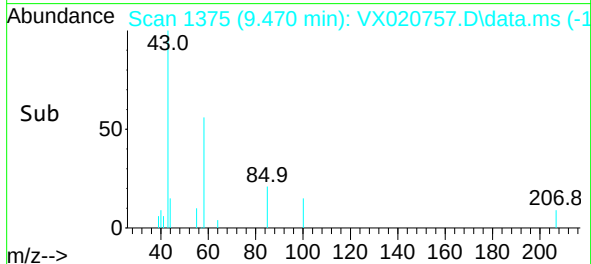
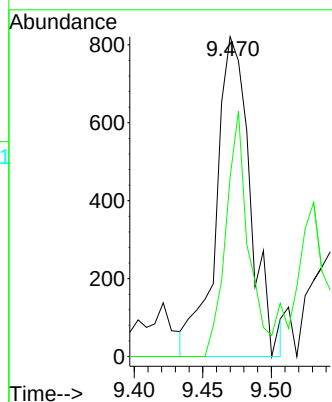
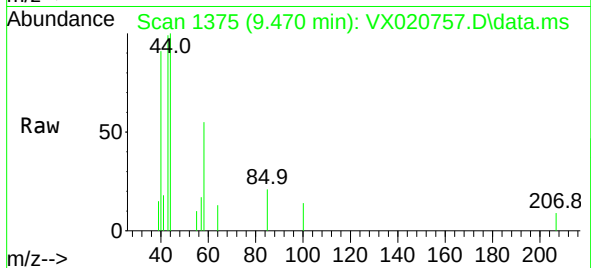




#59
2-Hexanone
Concen: 0.32 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

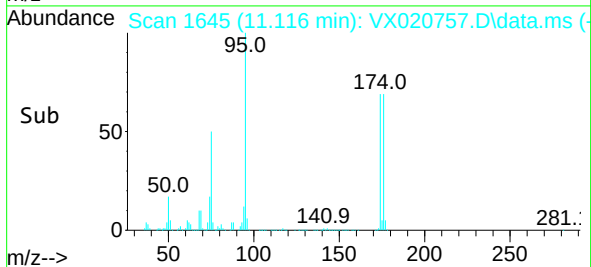
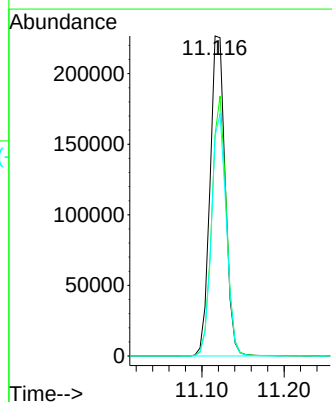
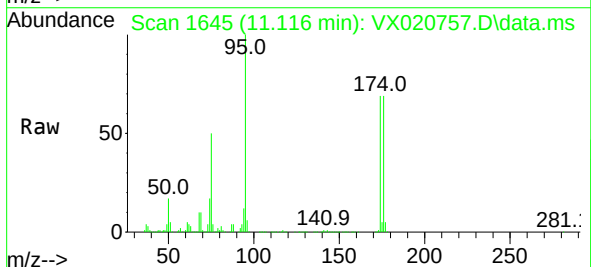
Instrument :
MSVOA_X
ClientSampleId :

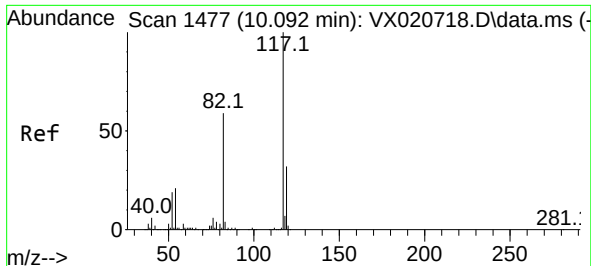
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
58 50.5 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 48.19 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion: 95 Resp: 291084
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 73.8 0.0 155.8

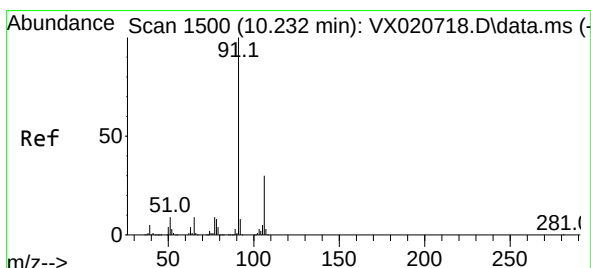
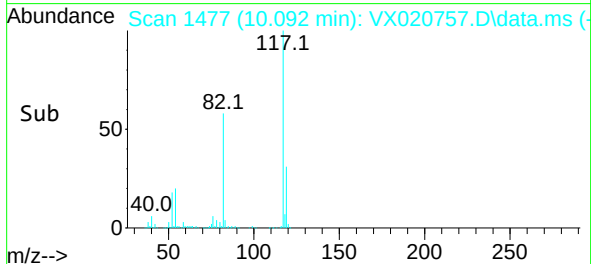
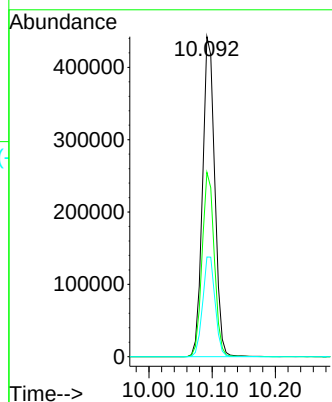
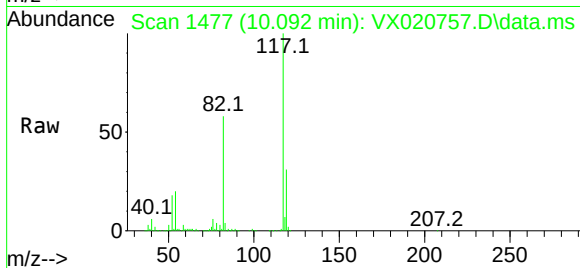




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

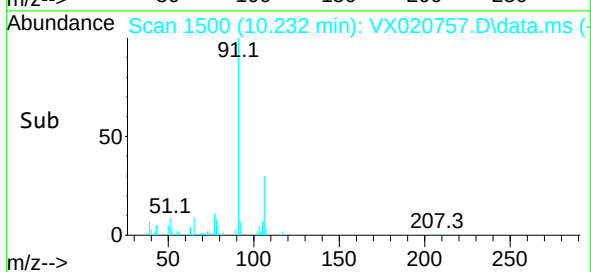
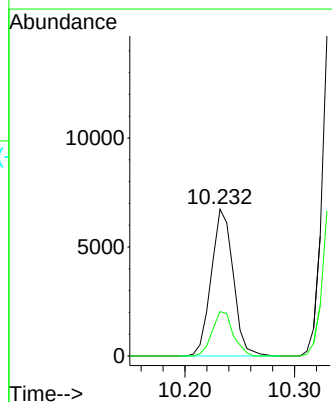
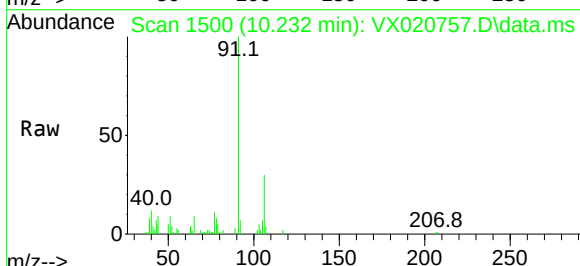
Instrument :
MSVOA_X
ClientSampled :

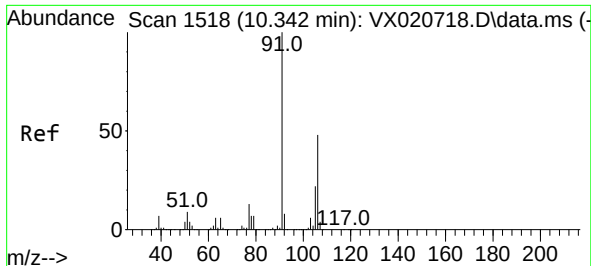
Tgt Ion:117 Resp: 594780
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.2 26.6 39.8



#67
Ethyl Benzene
Concen: 0.42 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion: 91 Resp: 9369
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0

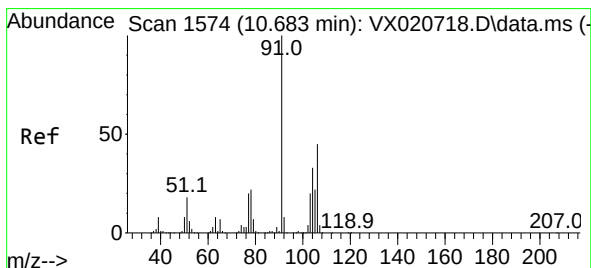
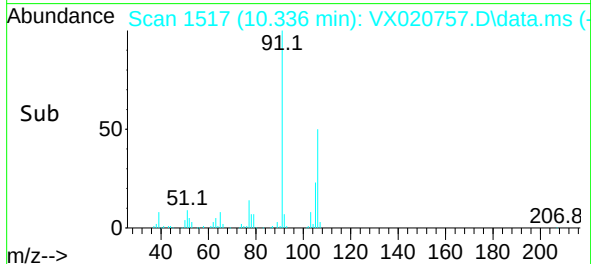
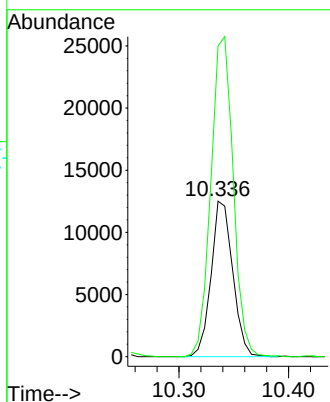
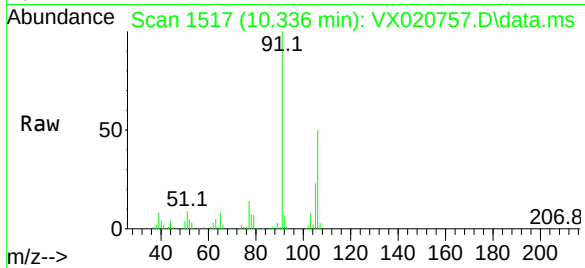




#68
m/p-Xylenes
Concen: 2.06 ug/l
RT: 10.336 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

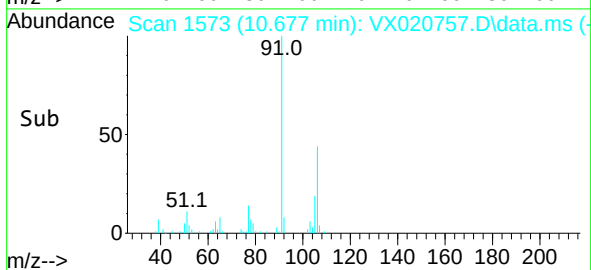
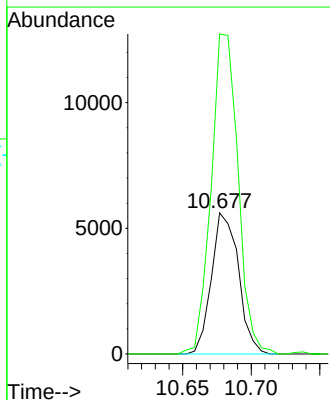
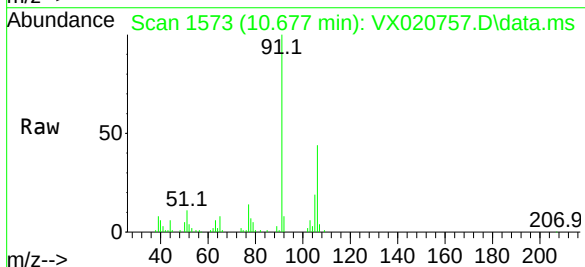
Instrument :
MSVOA_X
ClientSampled :

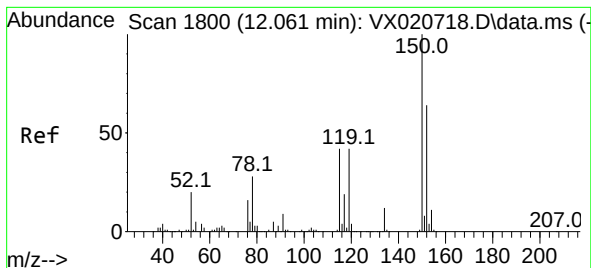
Tgt Ion:106 Resp: 17174
Ion Ratio Lower Upper
106 100
91 212.9 162.8 244.2



#69
o-Xylene
Concen: 0.98 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. -0.006 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion:106 Resp: 7680
Ion Ratio Lower Upper
106 100
91 226.6 108.1 324.2

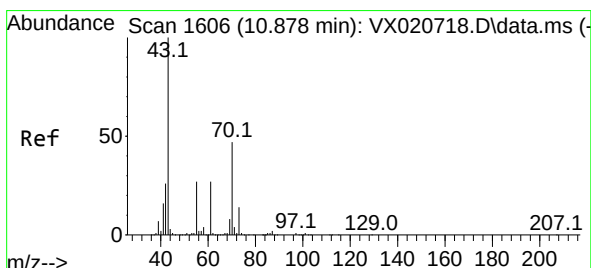
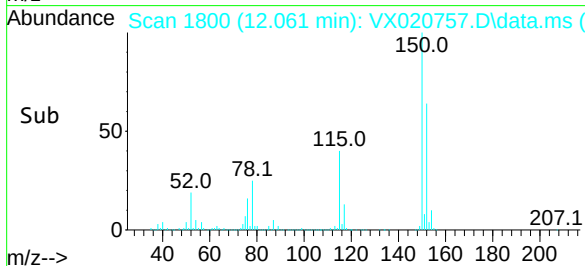
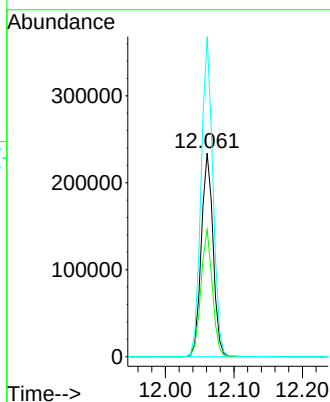
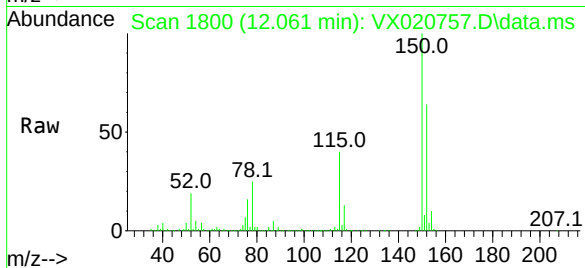




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

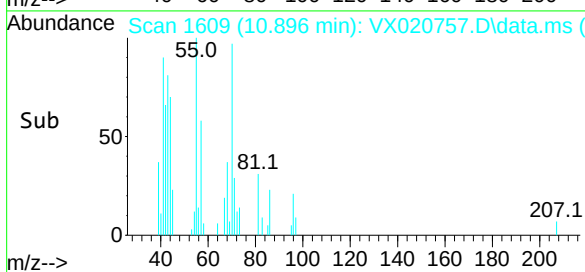
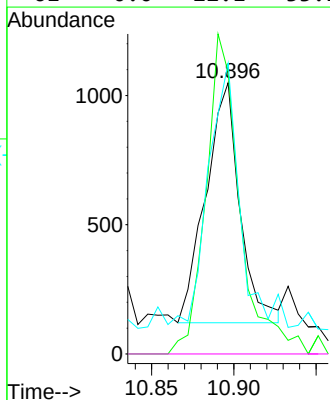
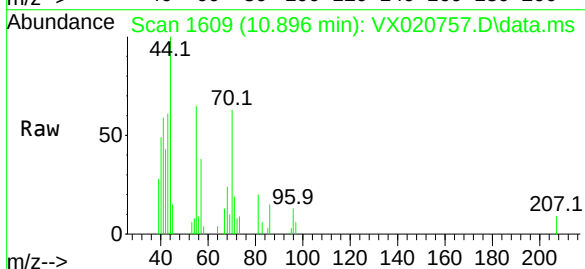
Instrument :
MSVOA_X
ClientSampled :

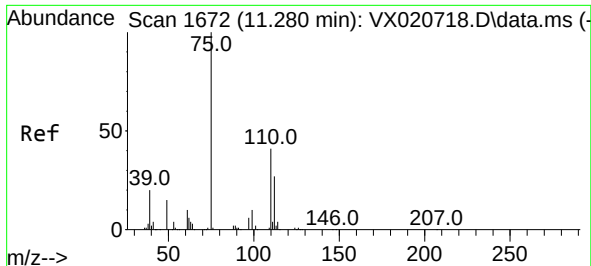
Tgt Ion:152 Resp: 280500
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 157.2 0.0 349.0



#74
N-ethyl acetate
Concen: 2.16 ug/l
RT: 10.896 min Scan# 1609
Delta R.T. 0.018 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
70 135.5 39.0 58.6#
55 113.4 21.5 32.3#
61 0.0 22.1 33.1#

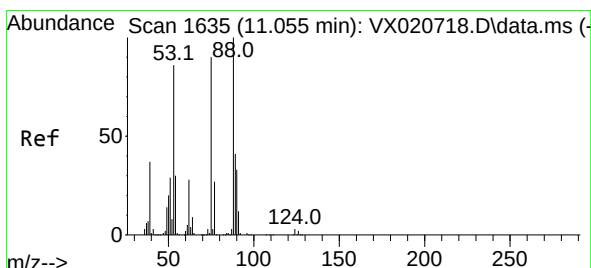
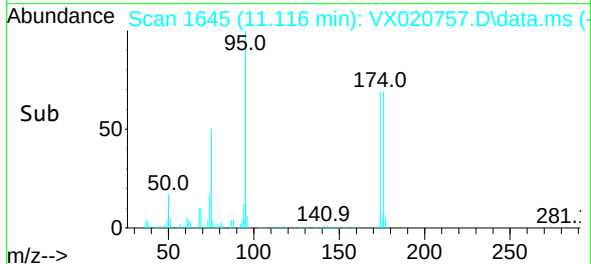
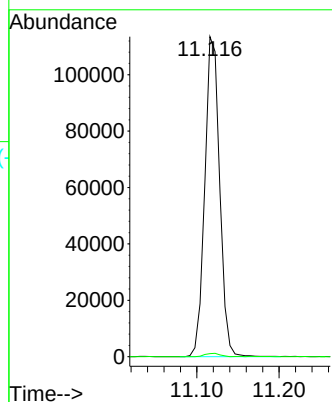
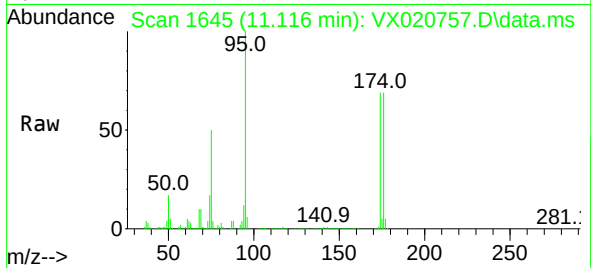




#76
1,2,3-Trichloropropane
Concen: 21.91 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

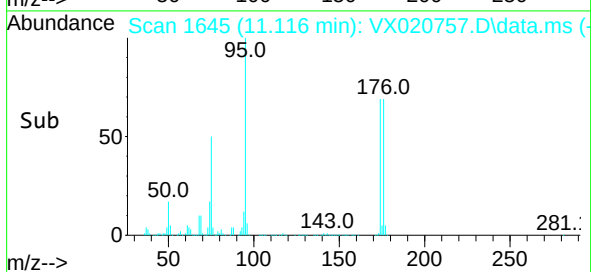
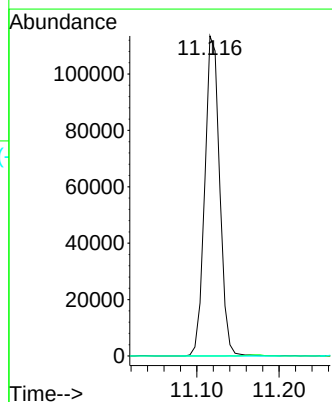
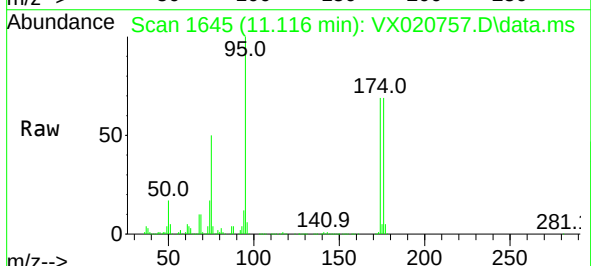
Instrument :
MSVOA_X
ClientSampleId :

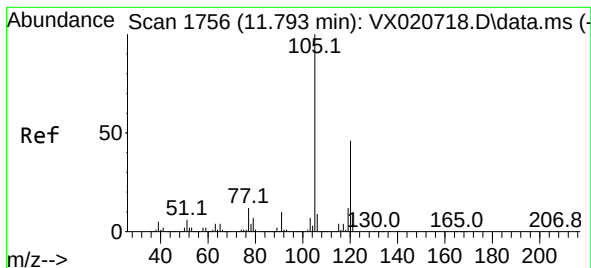
Tgt Ion: 75 Resp: 142544
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.40 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion: 75 Resp: 142544
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

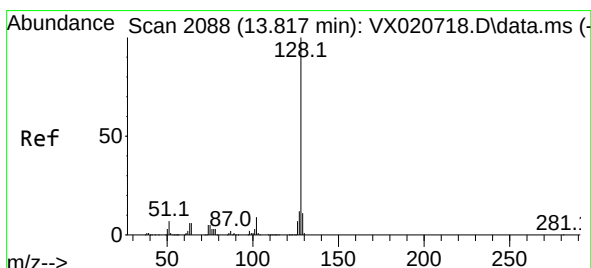
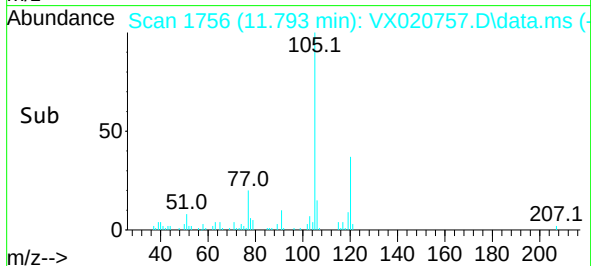
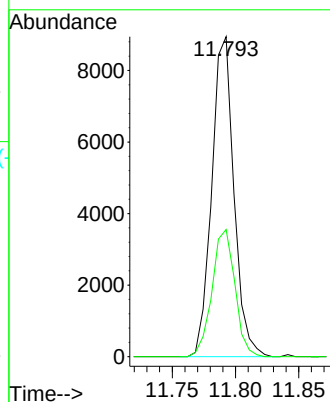
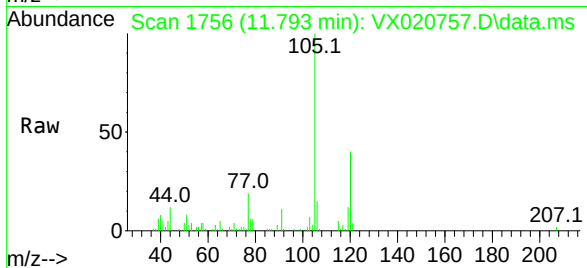




#84
1,2,4-Trimethylbenzene
Concen: 0.62 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 10900
Ion Ratio Lower Upper
105 100
120 41.0 22.4 67.3



#95
Naphthalene
Concen: 4.19 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020757.D
Acq: 26 Jan 2021 16:41

Tgt Ion:128 Resp: 30109
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 10.5 8.8 13.2

