

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020760.D
 Acq On : 26 Jan 2021 17:51
 Operator : JC/SP
 Sample : M1217-15 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 27 00:58:16 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)

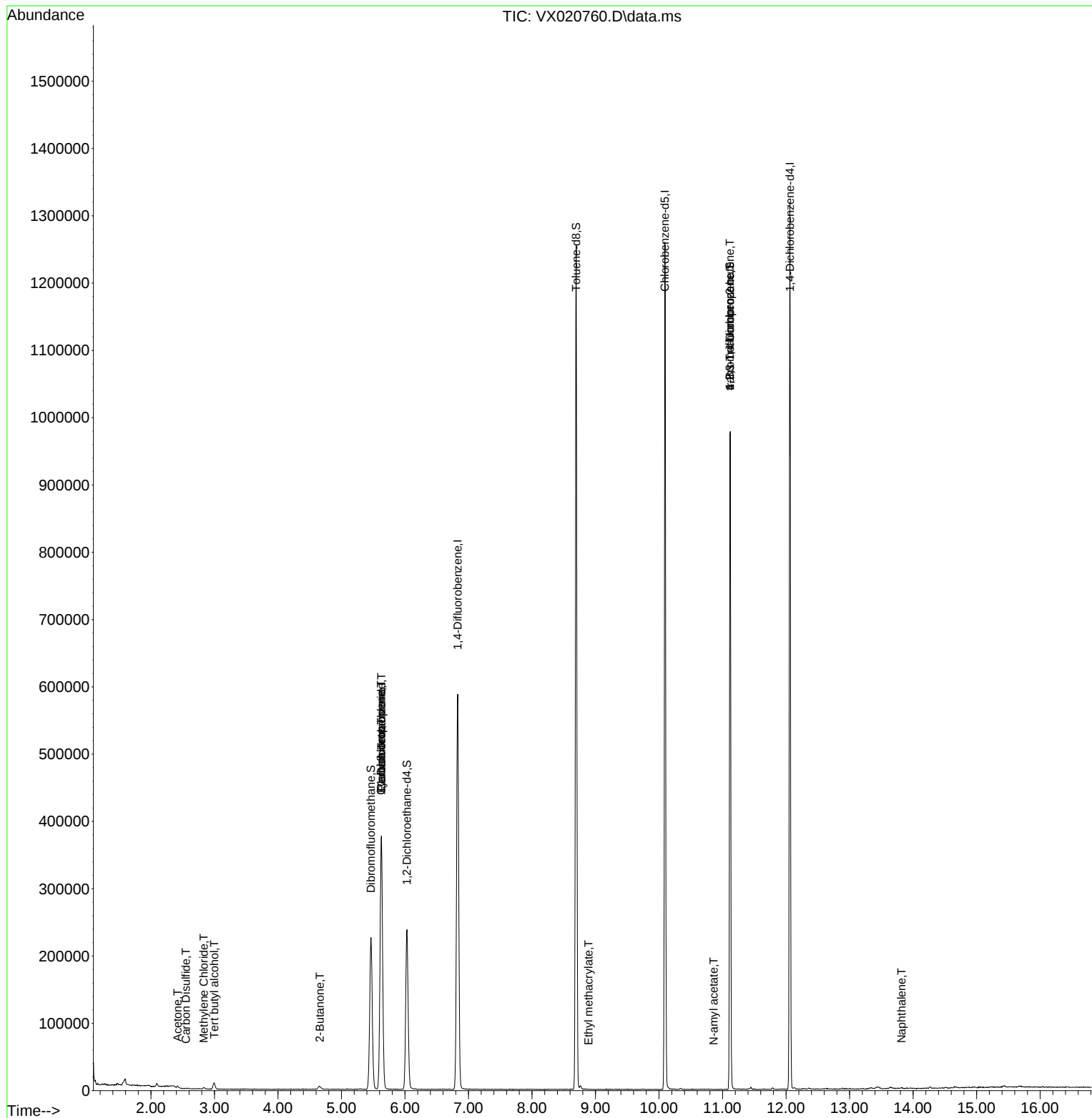
Internal Standards						
1) Pentafluorobenzene	5.629	168	355634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	601865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	579715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	272371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	230552	47.53	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.06%
35) Dibromofluoromethane	5.465	113	196484	47.66	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.32%
50) Toluene-d8	8.696	98	747023	49.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.86%
62) 4-Bromofluorobenzene	11.116	95	281149	47.90	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.80%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	5796	6.40	ug/l #	75
16) Acetone	2.416	43	3824	2.08	ug/l	100
17) Carbon Disulfide	2.550	76	452	0.94	ug/l #	72
20) Methylene Chloride	2.831	84	994	0.21	ug/l #	90
25) 2-Butanone	4.660	43	805	0.28	ug/l #	45
31) Cyclohexane	5.623	56	6752	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	27031	4.48	ug/l #	49
38) Carbon Tetrachloride	5.629	117	36193	5.70	ug/l #	17
56) Ethyl methacrylate	8.891	69	39	2.79	ug/l #	29
74) N-amyl acetate	10.860	43	78	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	137628	21.79	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	137628	61.05	ug/l #	12
95) Naphthalene	13.817	128	1107	2.92	ug/l #	89

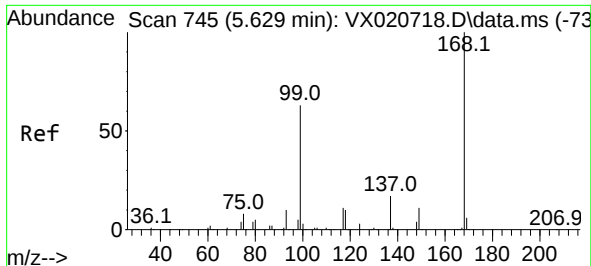
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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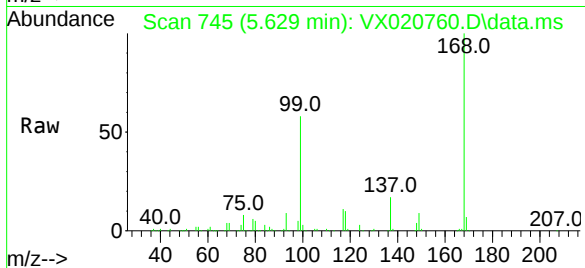
Quant Time: Jan 27 00:58:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
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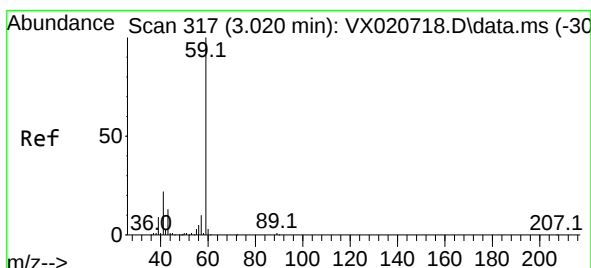
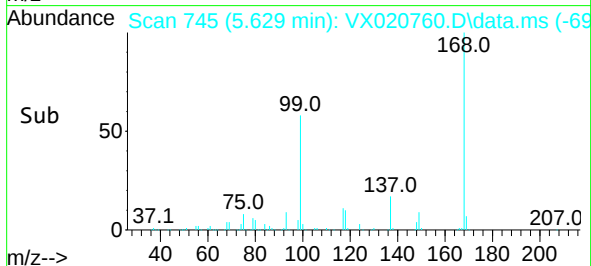
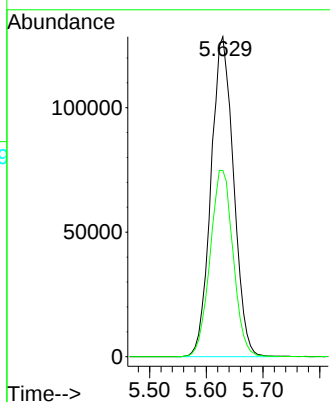


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Instrument :
MSVOA_X
ClientSampleId :

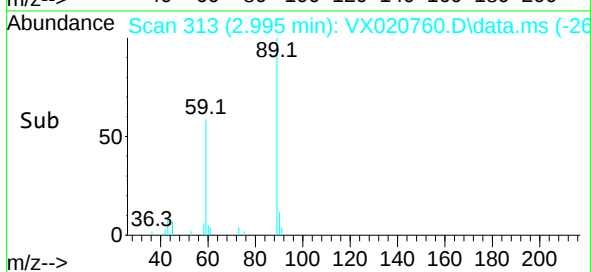
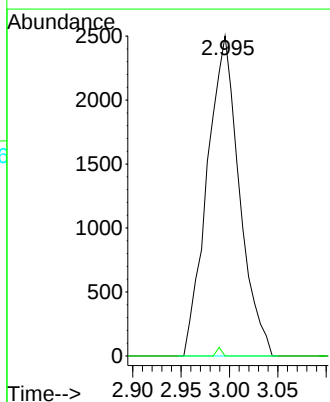
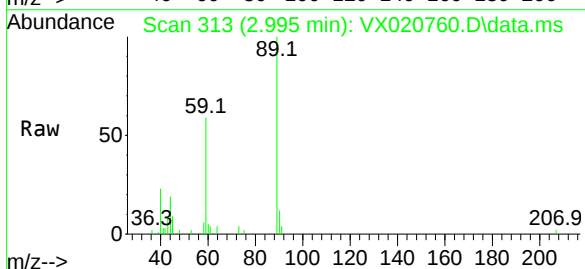


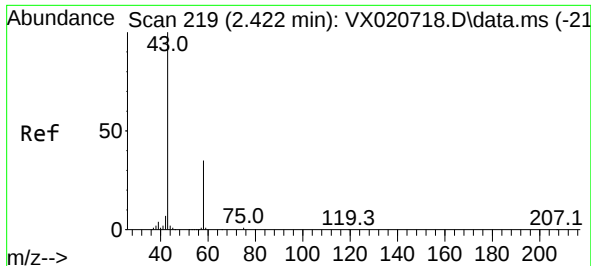
Tgt Ion:168 Resp: 355634
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#11
Tert butyl alcohol
Concen: 6.40 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Tgt Ion: 59 Resp: 5796
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.8#

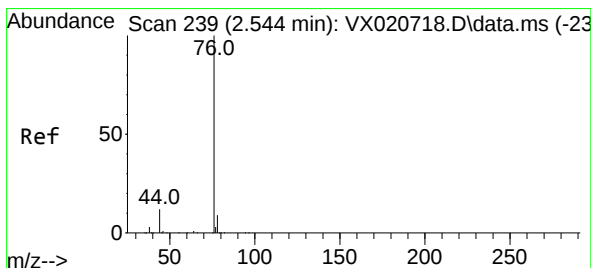
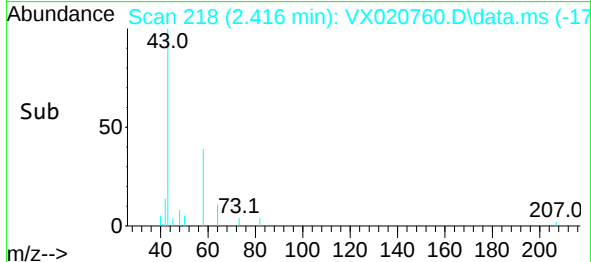
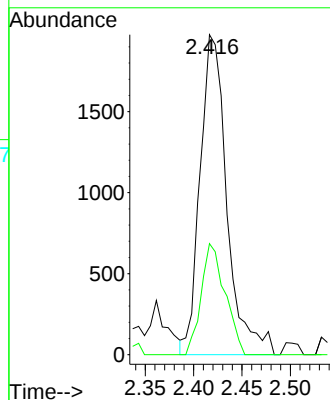
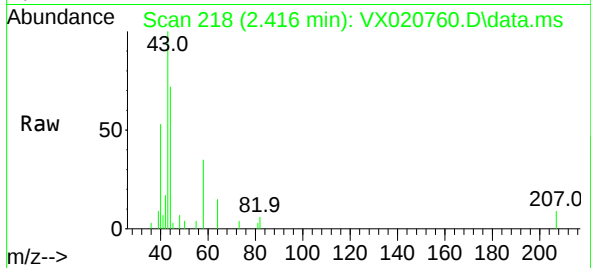




#16
Acetone
Concen: 2.08 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

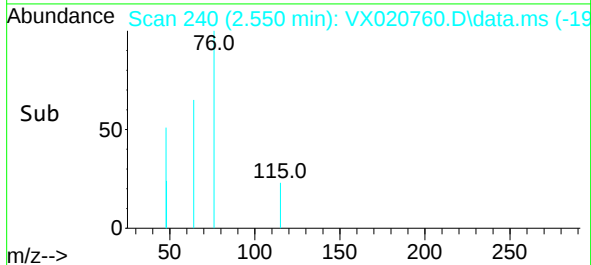
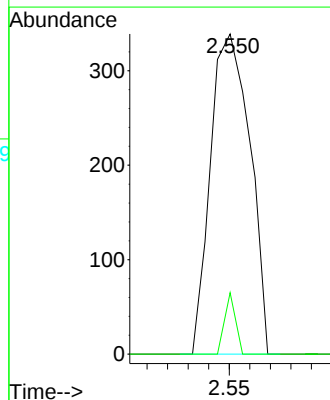
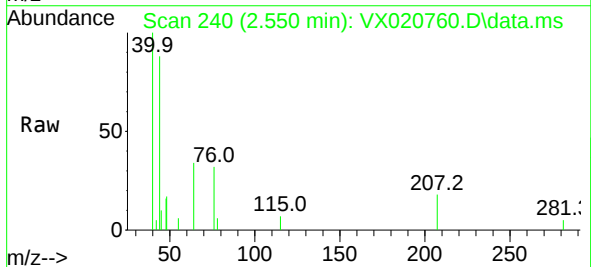
Instrument :
MSVOA_X
ClientSampled :

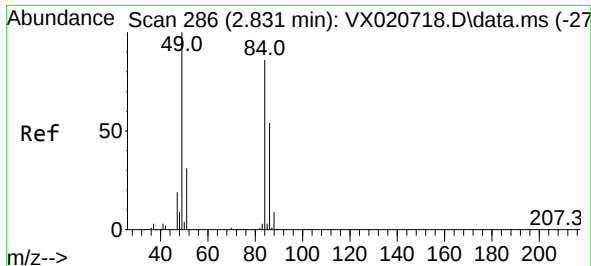
Tgt Ion: 43 Resp: 3824
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8



#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

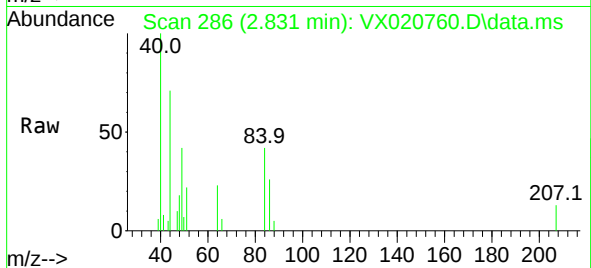
Tgt Ion: 76 Resp: 452
Ion Ratio Lower Upper
76 100
78 19.2 7.2 10.8#





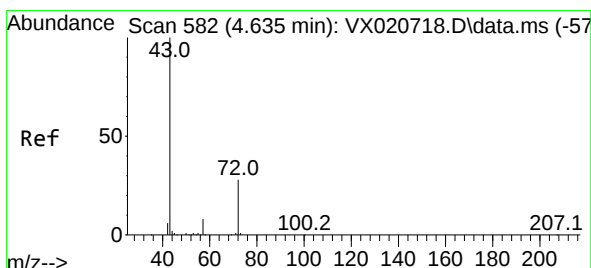
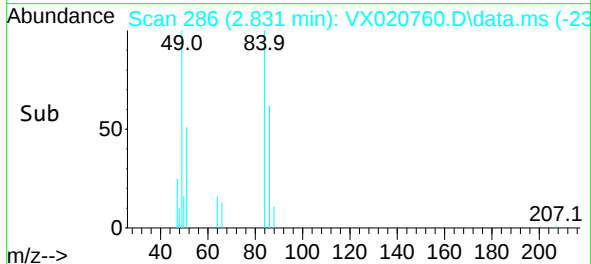
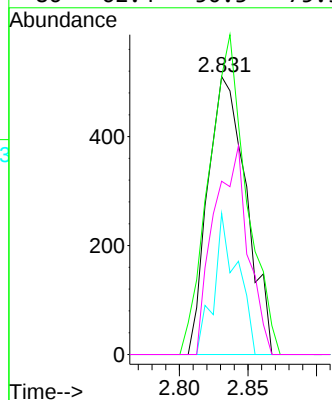
#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 994

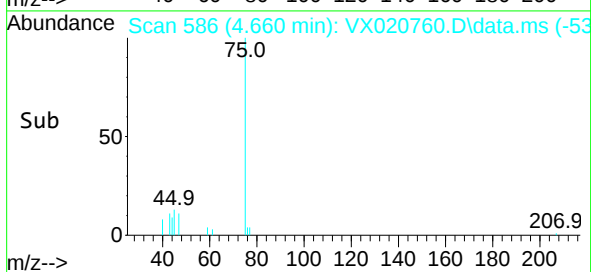
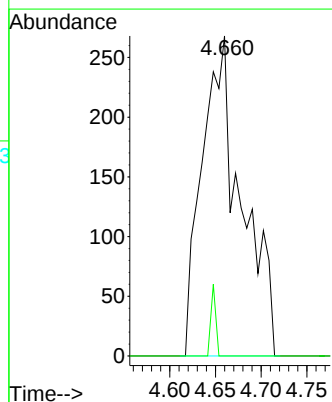
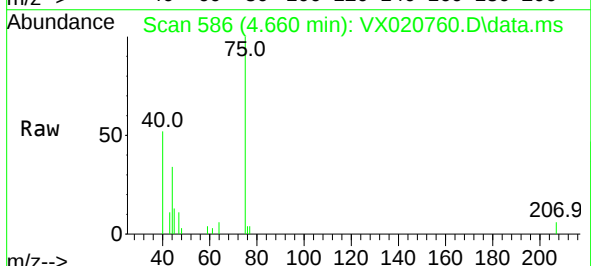
Ion	Ratio	Lower	Upper
84	100		
49	100.0	88.6	132.8
51	50.8	27.0	40.6#
86	62.4	50.3	75.5

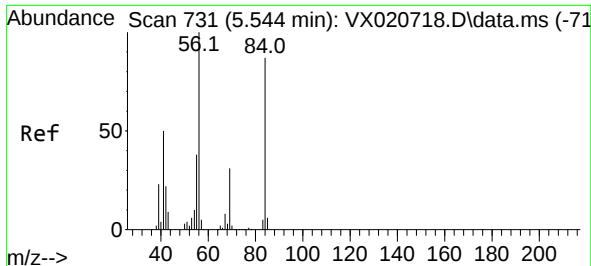


#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.660 min Scan# 586
Delta R.T. 0.025 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Tgt Ion: 43 Resp: 805

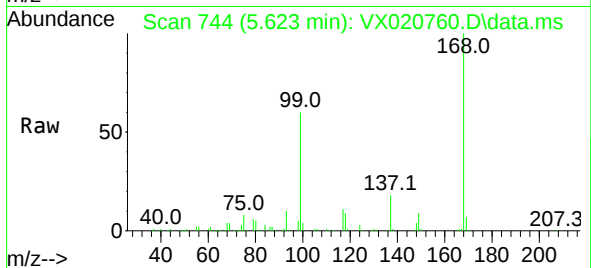
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



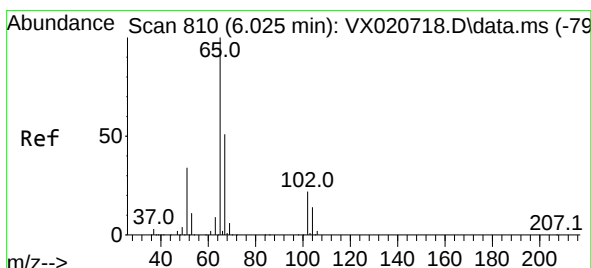
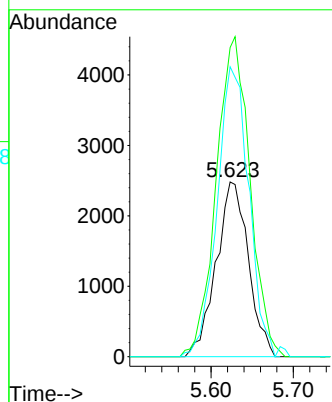
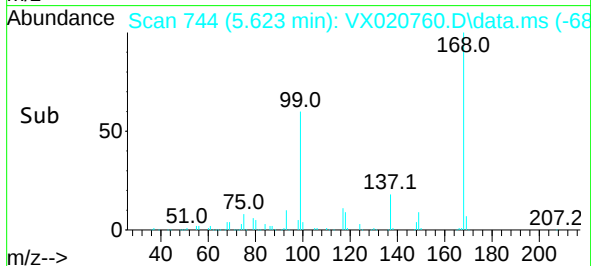


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

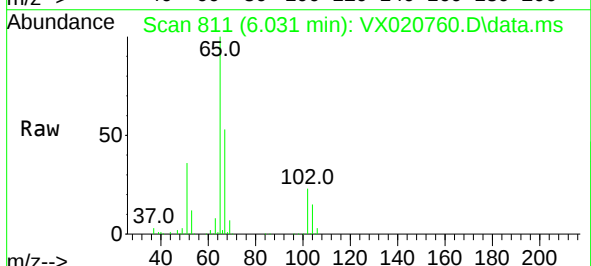
Instrument :
MSVOA_X
ClientSampled :



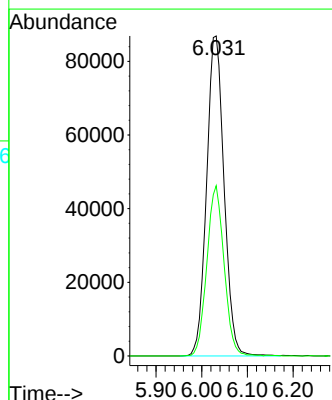
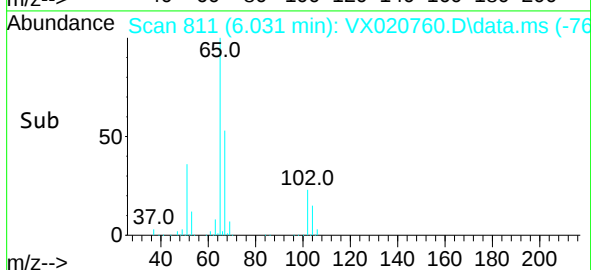
Tgt Ion: 56 Resp: 6752
Ion Ratio Lower Upper
56 100
69 176.9 25.3 37.9#
84 165.9 71.4 107.0#

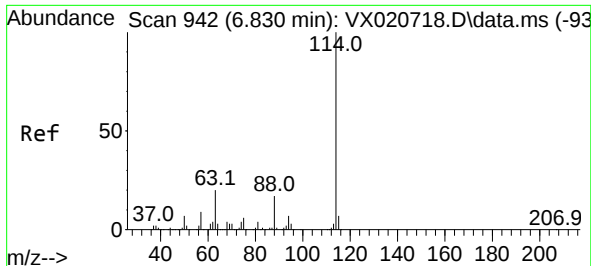


#33
1,2-Dichloroethane-d4
Concen: 47.53 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51



Tgt Ion: 65 Resp: 230552
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

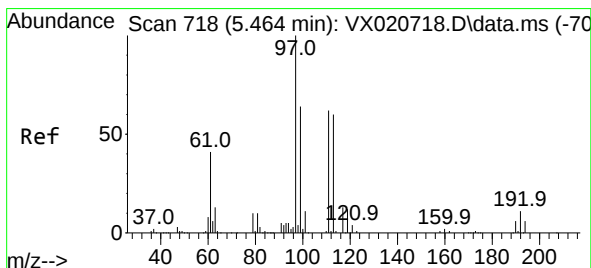
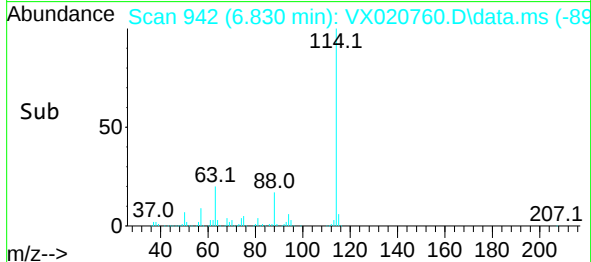
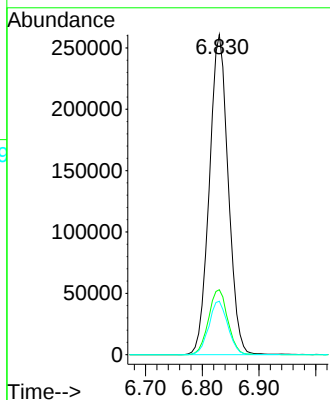
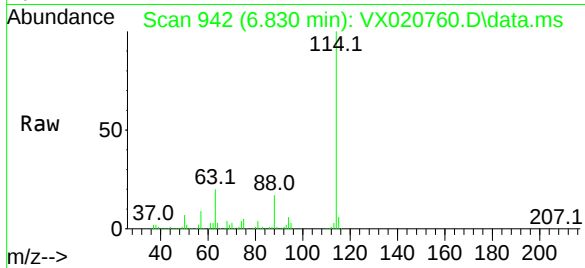




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

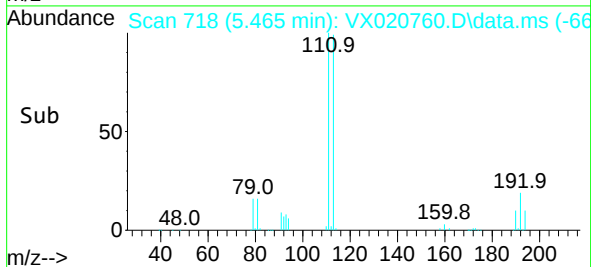
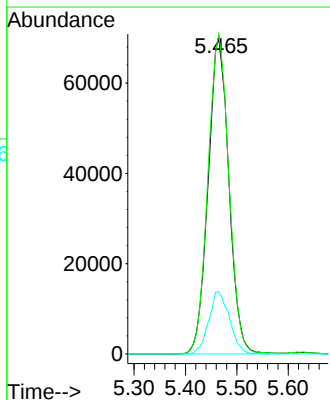
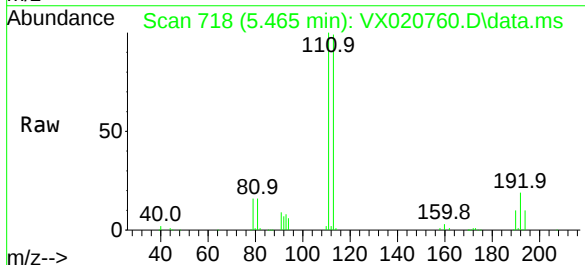
Instrument :
MSVOA_X
ClientSampled :

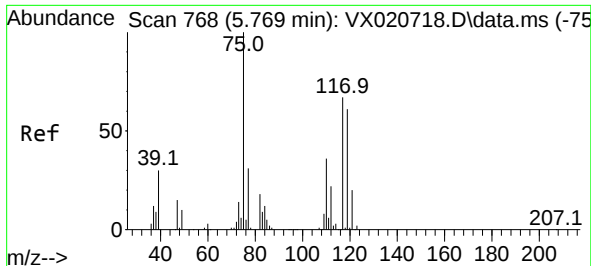
Tgt Ion:114 Resp: 601865
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.66 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

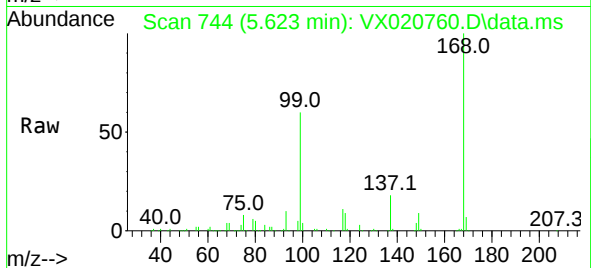
Tgt Ion:113 Resp: 196484
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.7 16.7 25.1



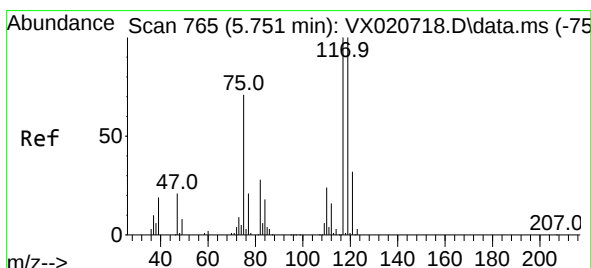
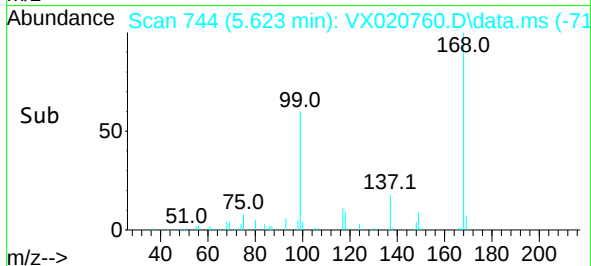
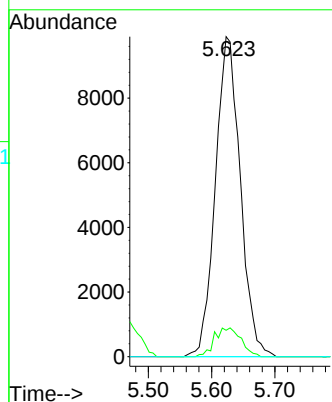


#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Instrument :
MSVOA_X
ClientSampled :

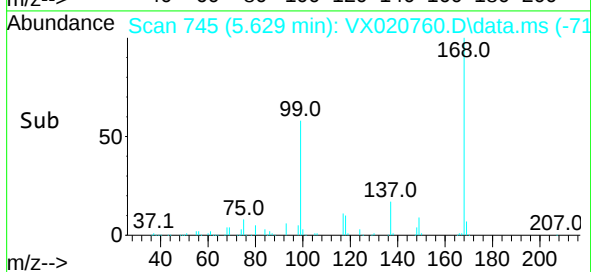
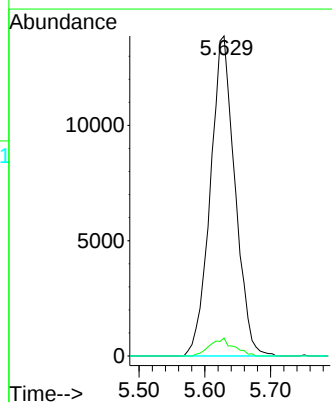
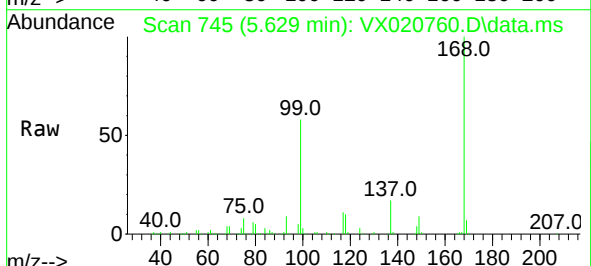


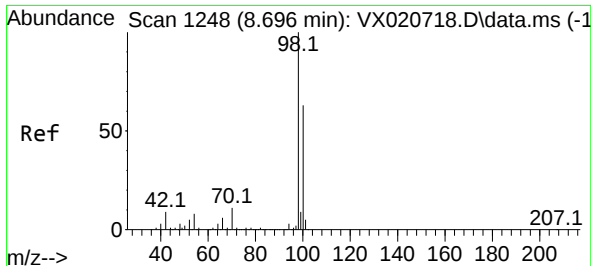
Tgt Ion: 75 Resp: 27031
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Tgt Ion: 117 Resp: 36193
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

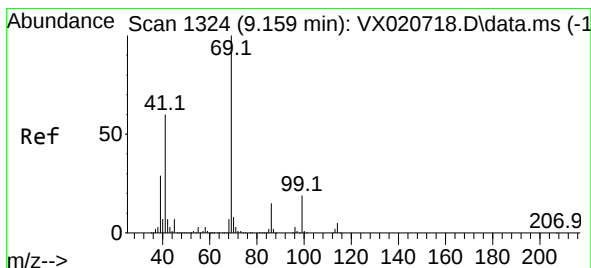
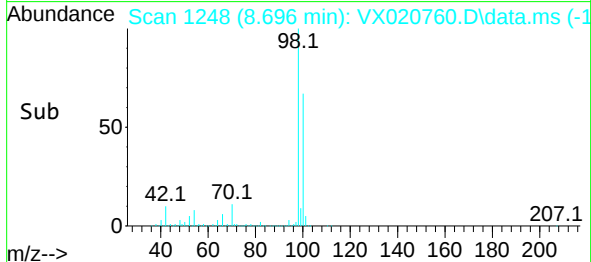
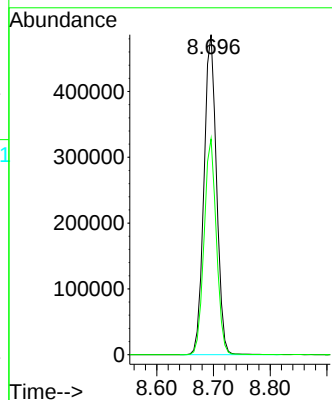
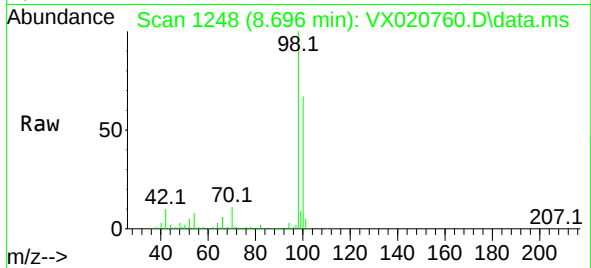




#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

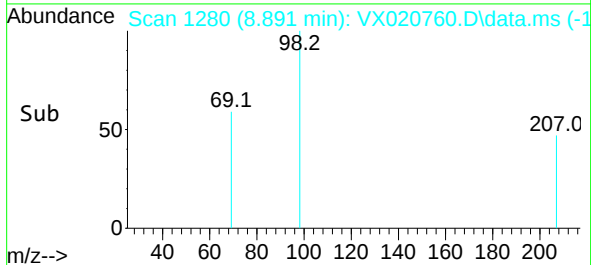
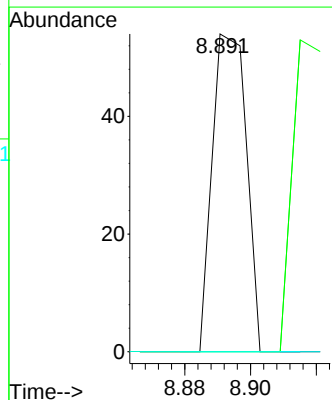
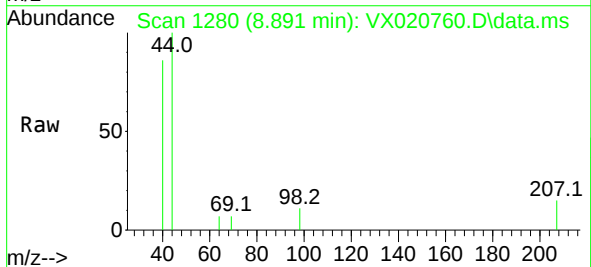
Instrument :
MSVOA_X
ClientSampled :

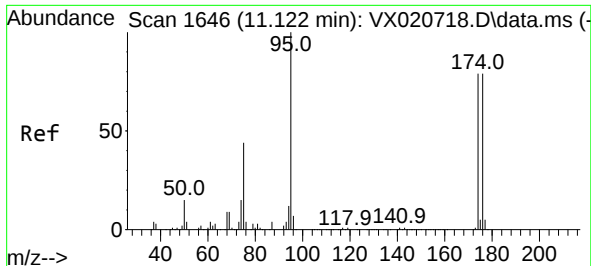
Tgt Ion: 98 Resp: 747023
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 8.891 min Scan# 1280
Delta R.T. -0.268 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Tgt Ion: 69 Resp: 39
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#

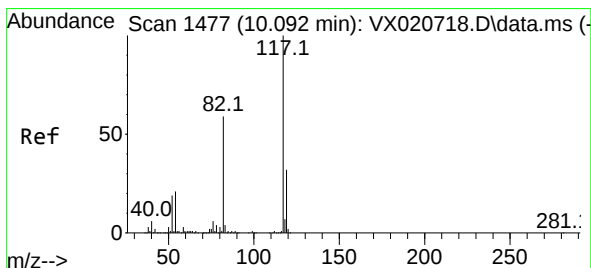
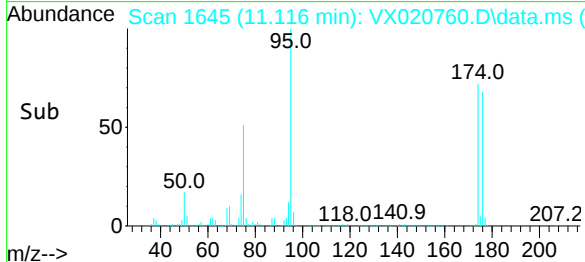
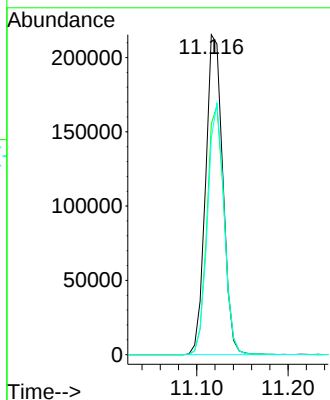
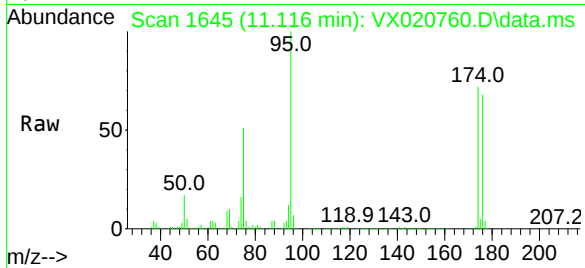




#62
4-Bromofluorobenzene
Concen: 47.90 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

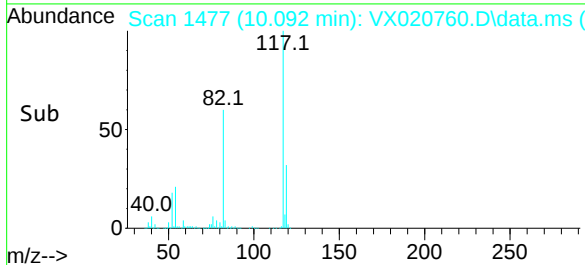
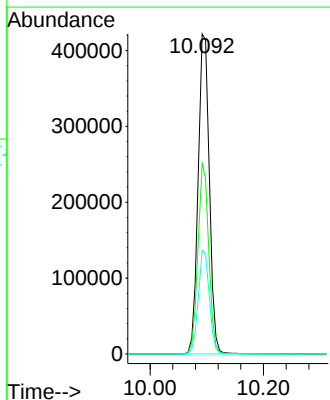
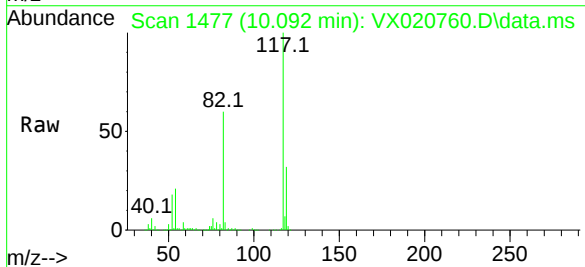
Instrument :
MSVOA_X
ClientSampleId :

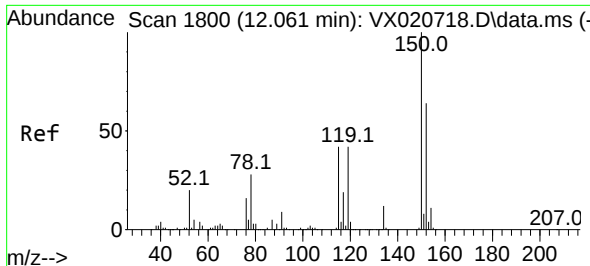
Tgt Ion: 95 Resp: 281149
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 75.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Tgt Ion: 117 Resp: 579715
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.4 26.6 39.8

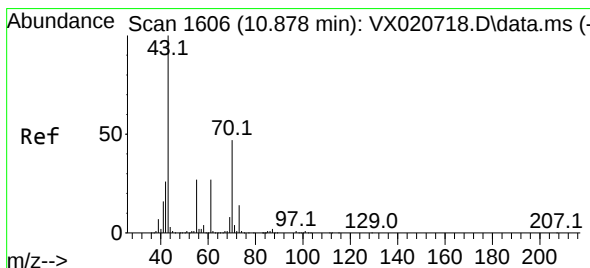
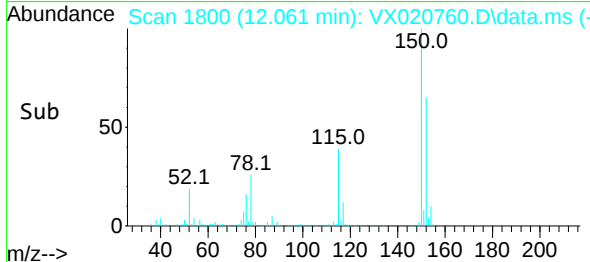
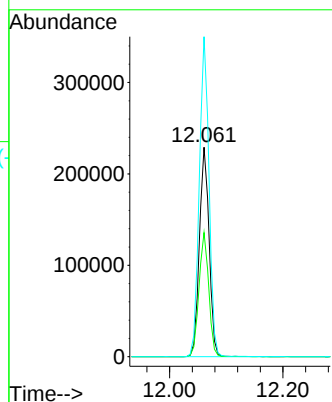
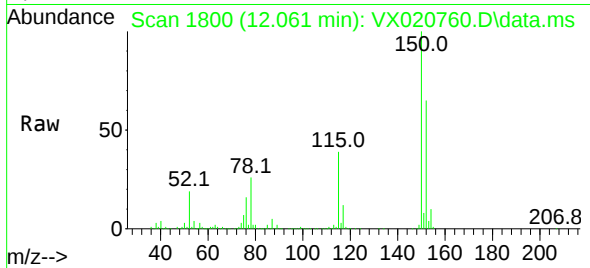




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020760.D
 Acq: 26 Jan 2021 17:51

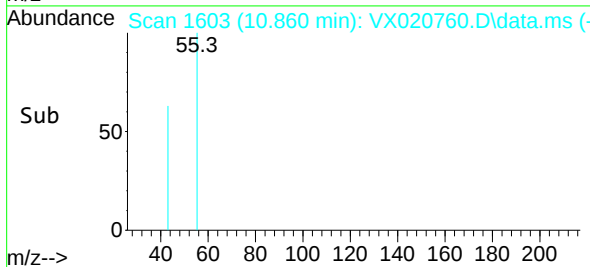
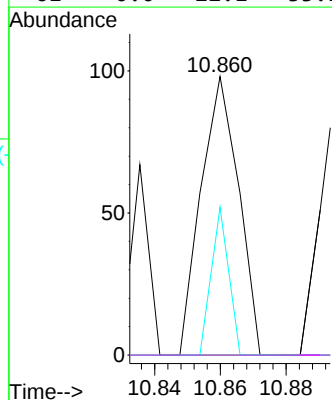
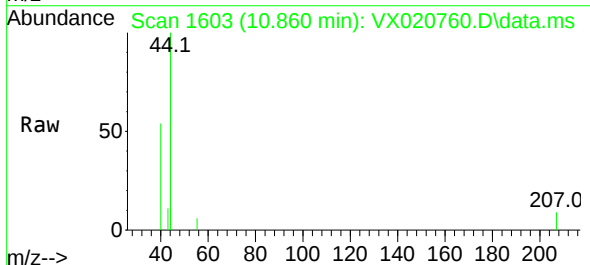
Instrument :
 MSVOA_X
 ClientSampled :

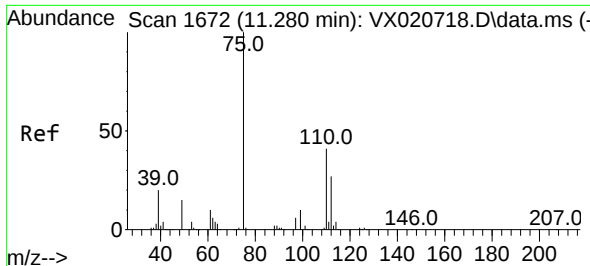
Tgt Ion:152 Resp: 272371
 Ion Ratio Lower Upper
 152 100
 115 59.3 41.1 123.3
 150 152.6 0.0 349.0



#74
 N-ethyl acetate
 Concen: 2.02 ug/l
 RT: 10.860 min Scan# 1603
 Delta R.T. -0.018 min
 Lab File: VX020760.D
 Acq: 26 Jan 2021 17:51

Tgt Ion: 43 Resp: 78
 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#

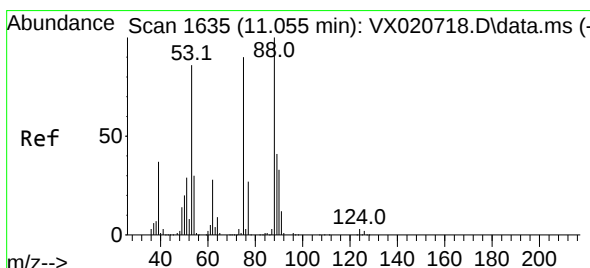
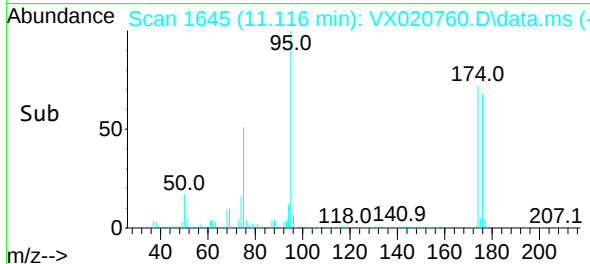
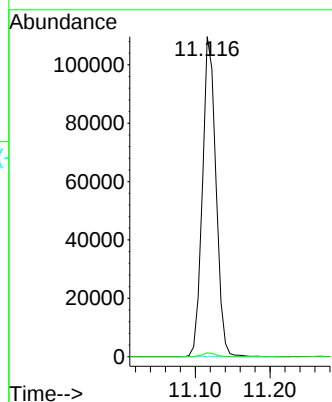
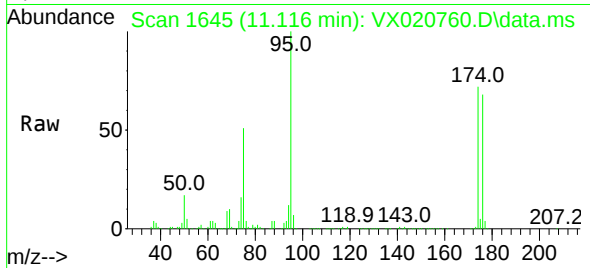




#76
1,2,3-Trichloropropane
Concen: 21.79 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

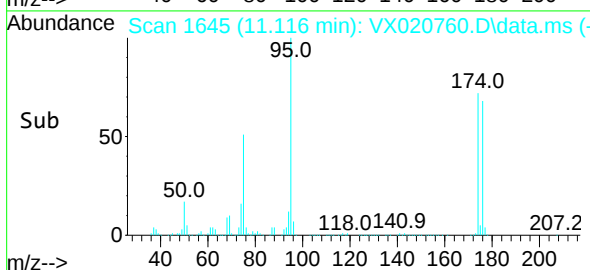
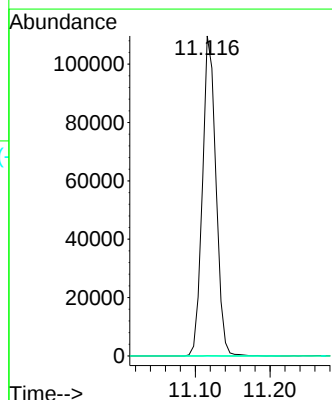
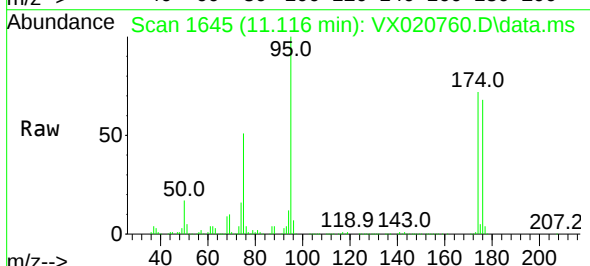
Instrument :
MSVOA_X
ClientSampled :

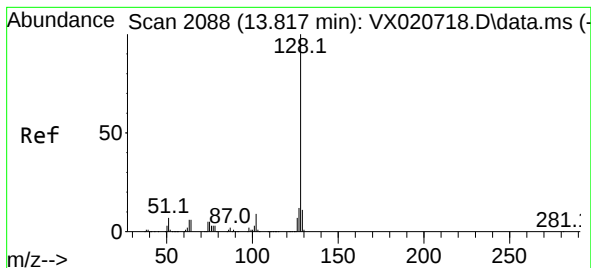
Tgt Ion: 75 Resp: 137628
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.05 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Tgt Ion: 75 Resp: 137628
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.92 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020760.D
Acq: 26 Jan 2021 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1107
Ion Ratio Lower Upper
128 100
127 6.3 10.3 15.5#
129 13.1 8.8 13.2

