

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020177.D
 Acq On : 19 Dec 2020 17:34
 Operator : JC/MD
 Sample : L5096-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220

Quant Time: Dec 21 02:34:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

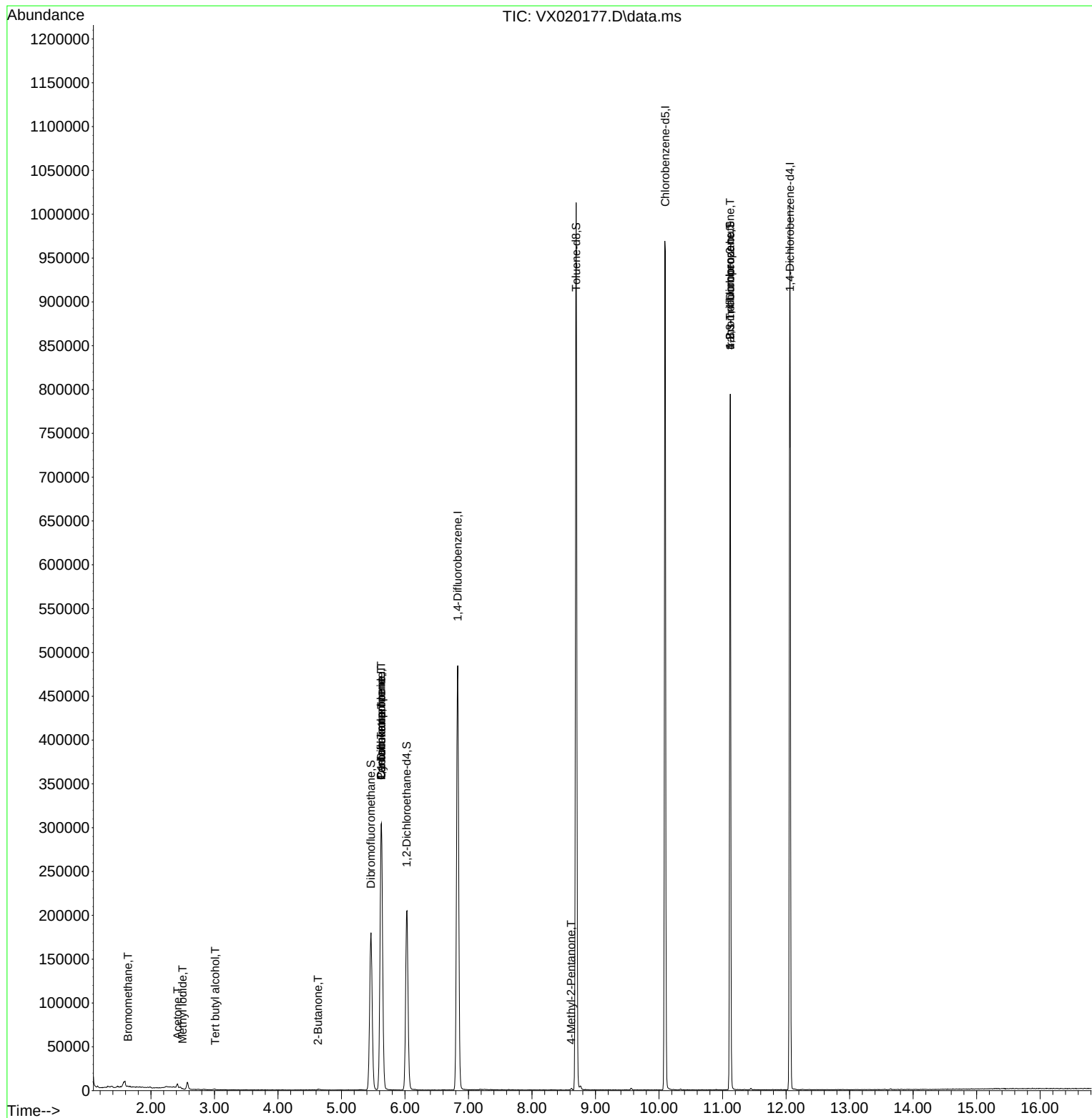
Internal Standards						
1) Pentafluorobenzene	5.623	168	295555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	495072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	465785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	201619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	196549	49.61	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.22%
35) Dibromofluoromethane	5.464	113	155345	49.05	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.10%
50) Toluene-d8	8.696	98	605033	49.63	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.26%
62) 4-Bromofluorobenzene	11.122	95	215259	46.14	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.28%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	590	0.45	ug/l	94
10) Methyl Iodide	2.495	142	486	3.40	ug/l #	89
11) Tert butyl alcohol	3.014	59	817	0.92	ug/l #	73
16) Acetone	2.416	43	5480	3.03	ug/l	99
25) 2-Butanone	4.629	43	1210	0.46	ug/l	93
31) Cyclohexane	5.629	56	5786	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22907	4.68	ug/l #	48
38) Carbon Tetrachloride	5.623	117	28943	6.22	ug/l #	17
51) 4-Methyl-2-Pentanone	8.616	43	1215	0.24	ug/l #	79
76) 1,2,3-Trichloropropane	11.122	75	104613	21.06	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	104613	62.49	ug/l #	12

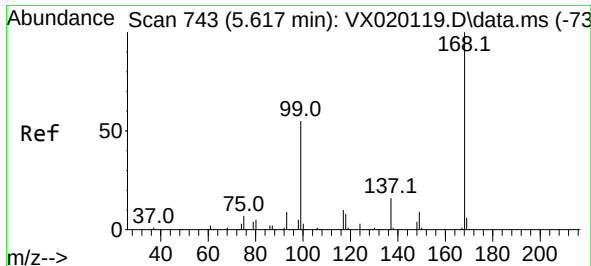
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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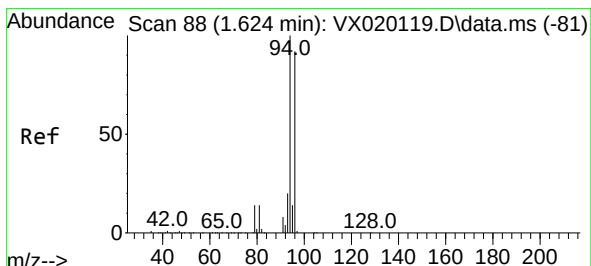
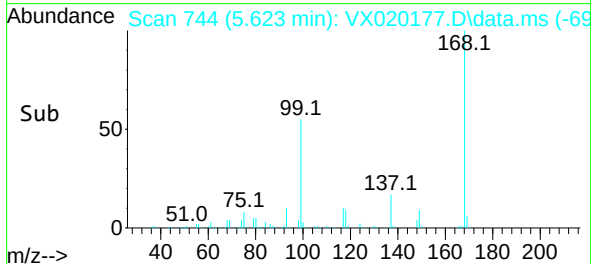
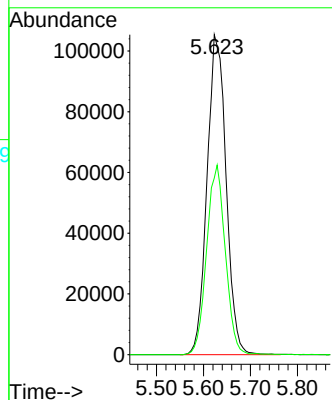
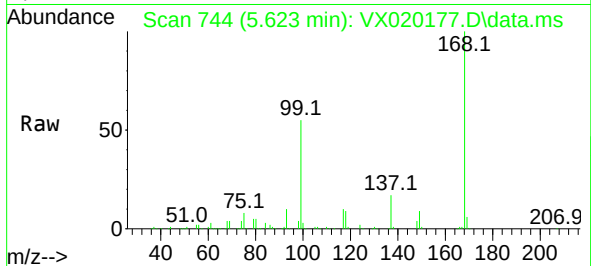




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

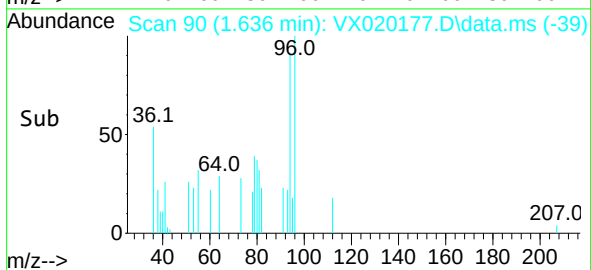
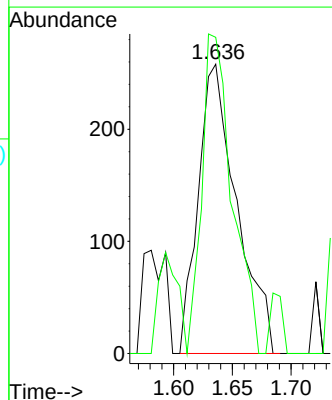
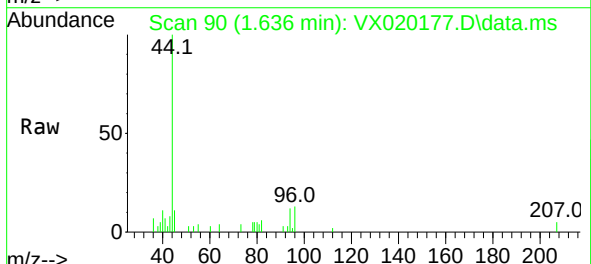
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220

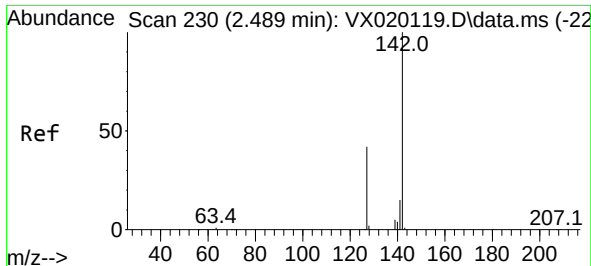
Tgt Ion:168 Resp: 295555
Ion Ratio Lower Upper
168 100
99 55.2 45.8 68.6



#5
Bromomethane
Concen: 0.45 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

Tgt Ion: 94 Resp: 590
Ion Ratio Lower Upper
94 100
96 89.5 76.4 114.6

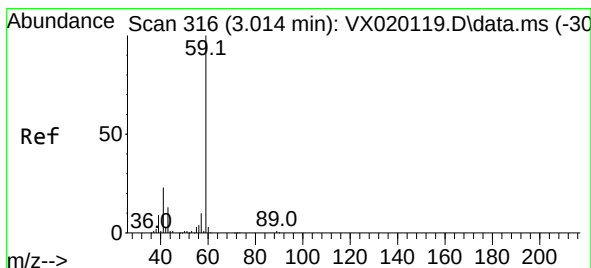
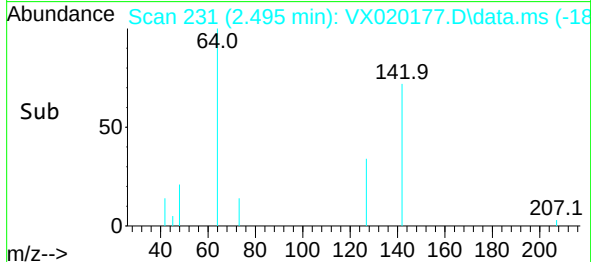
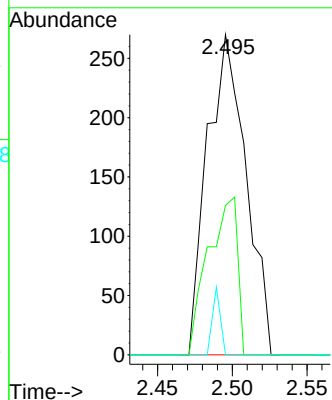
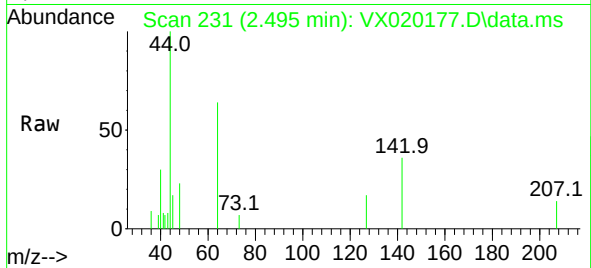




#10
Methyl Iodide
Concen: 3.40 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

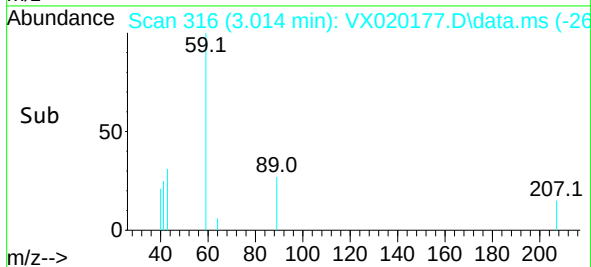
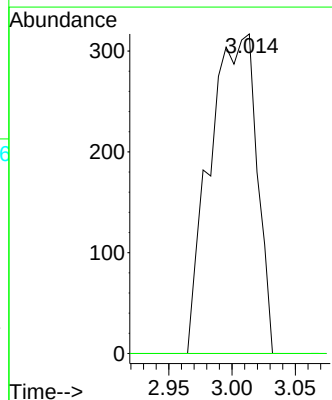
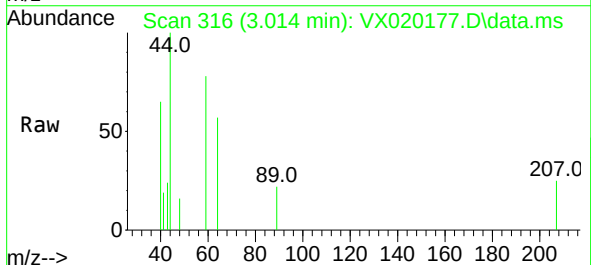
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220

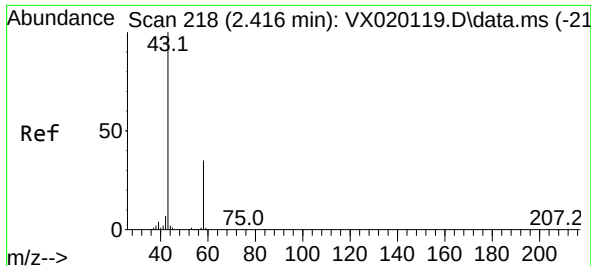
Tgt Ion:142 Resp: 486
Ion Ratio Lower Upper
142 100
127 37.2 33.3 49.9
141 4.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.92 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

Tgt Ion: 59 Resp: 817
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

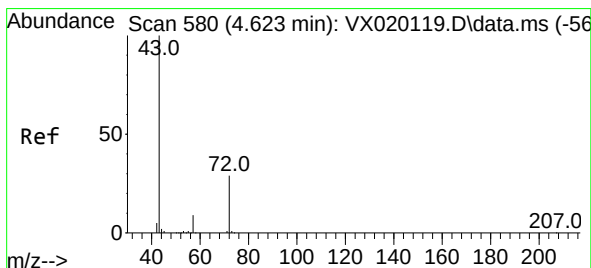
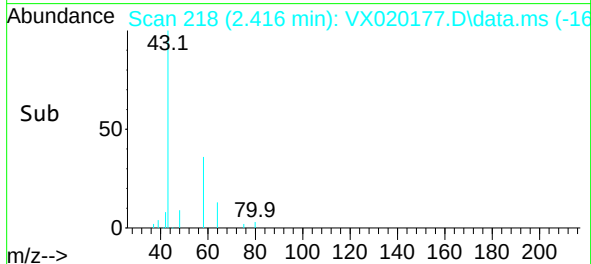
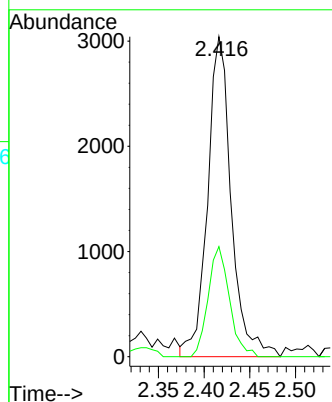
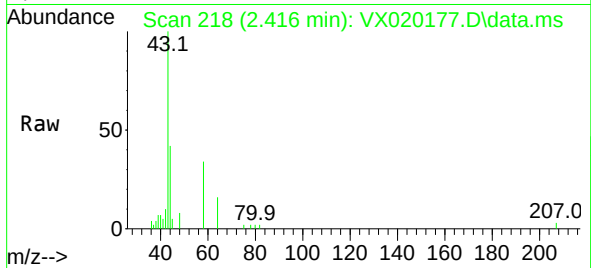




#16
Acetone
Concen: 3.03 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

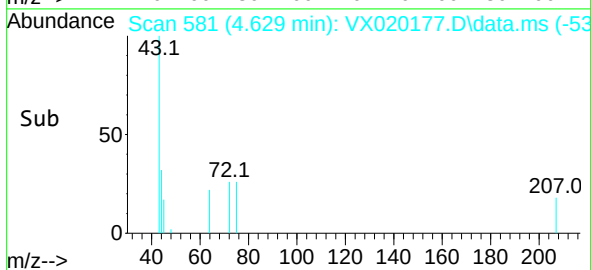
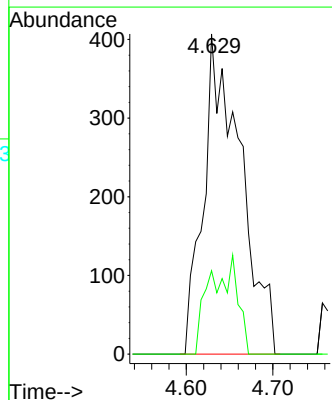
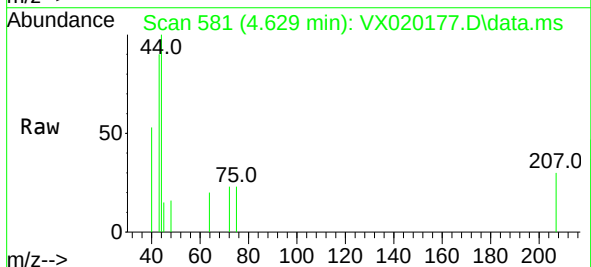
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220

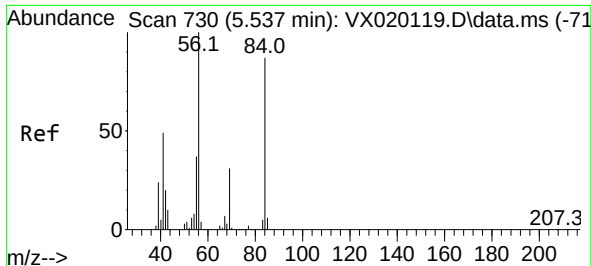
Tgt Ion: 43 Resp: 5480
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.8



#25
2-Butanone
Concen: 0.46 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

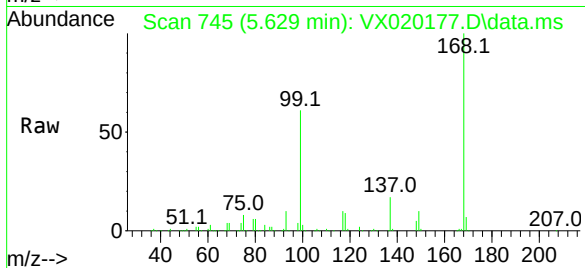
Tgt Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
72 26.0 23.7 35.5



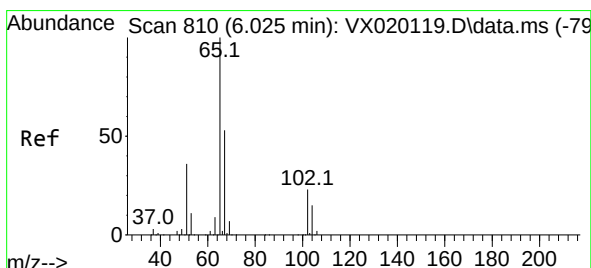
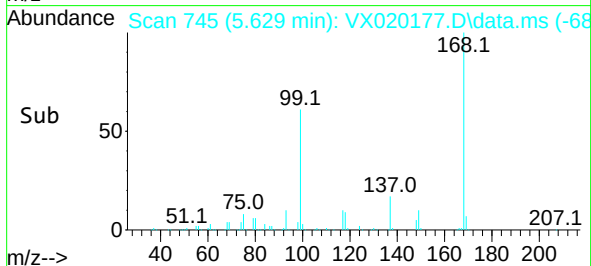
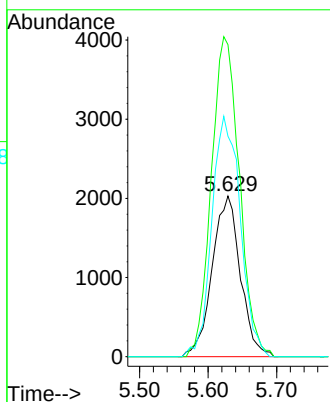


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220

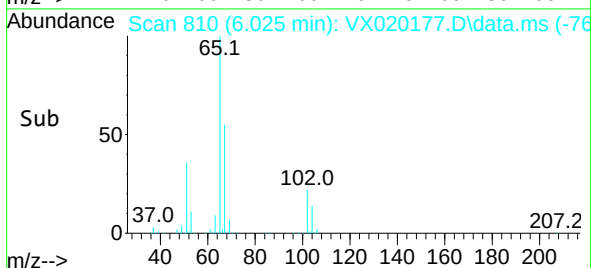
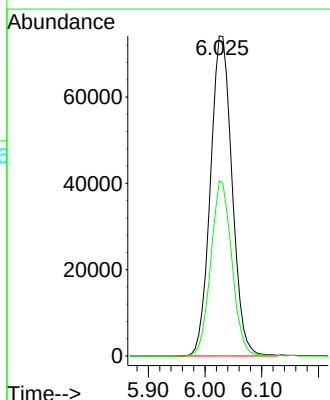
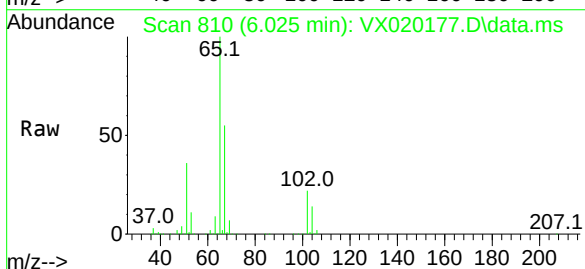


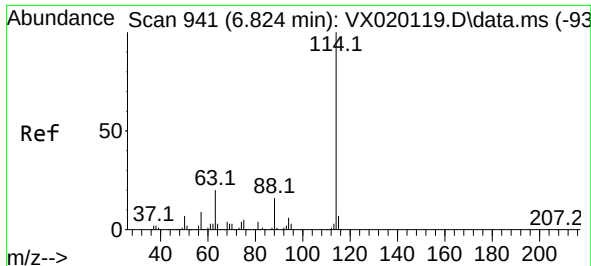
Tgt Ion: 56 Resp: 5786
Ion Ratio Lower Upper
56 100
69 194.2 25.3 37.9#
84 137.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.61 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

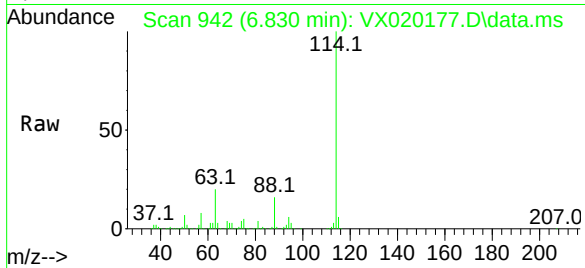
Tgt Ion: 65 Resp: 196549
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



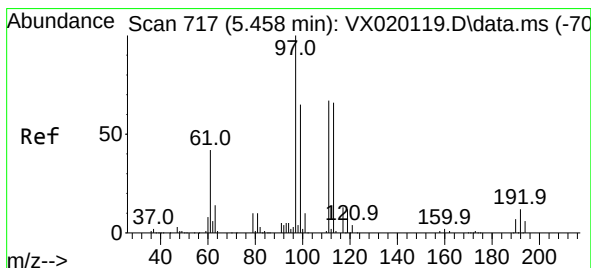
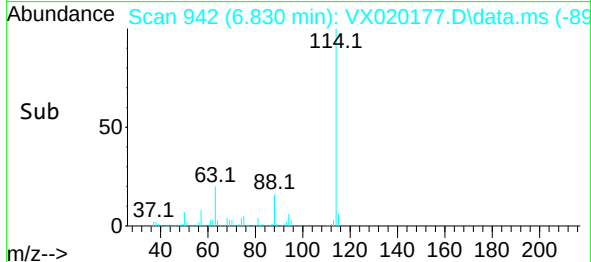
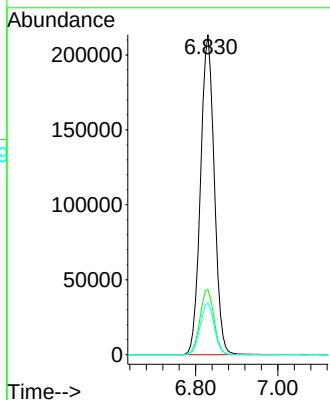


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

Instrument :
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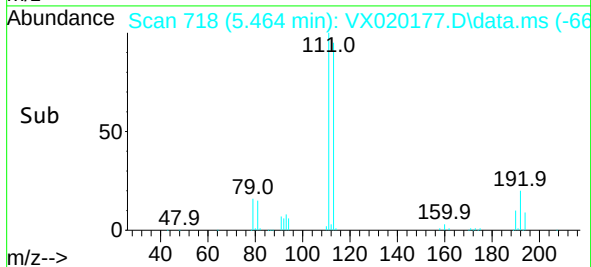
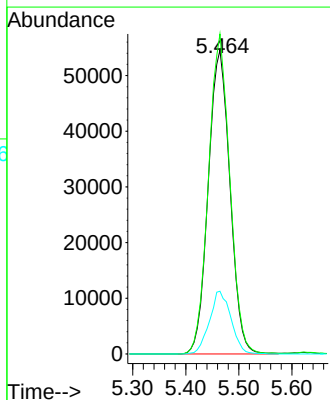
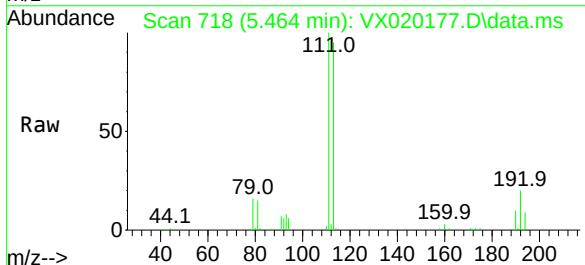


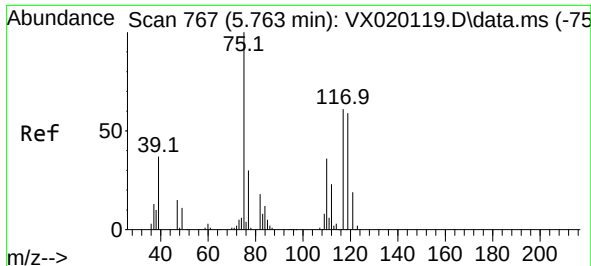
Tgt Ion:114 Resp: 495072
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.05 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

Tgt Ion:113 Resp: 155345
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.4 16.7 25.1

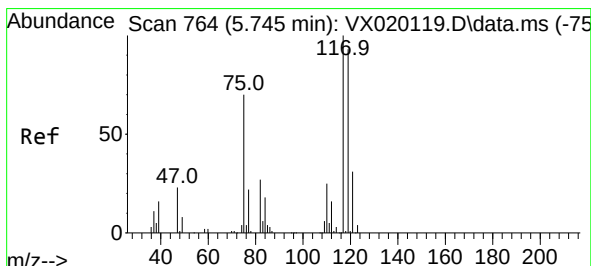
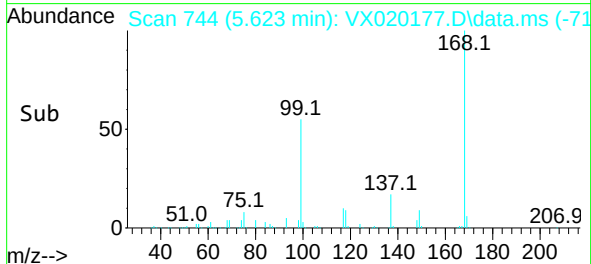
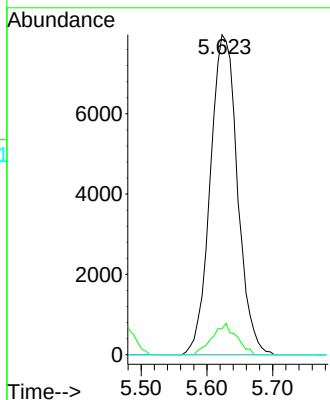
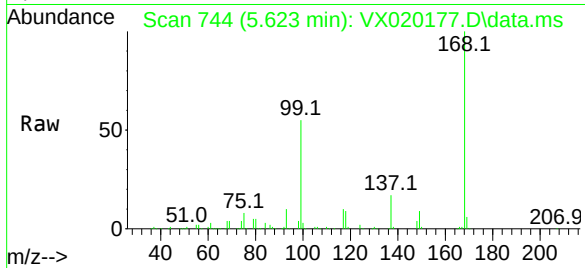




#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

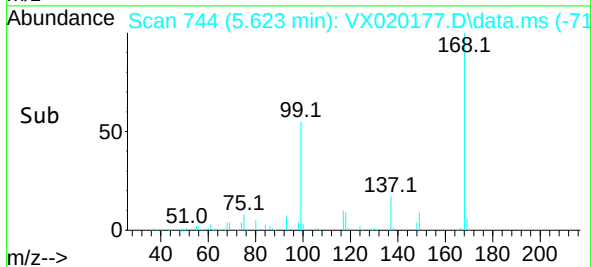
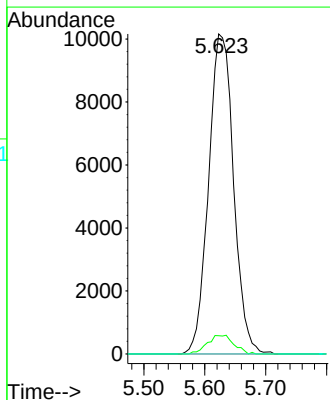
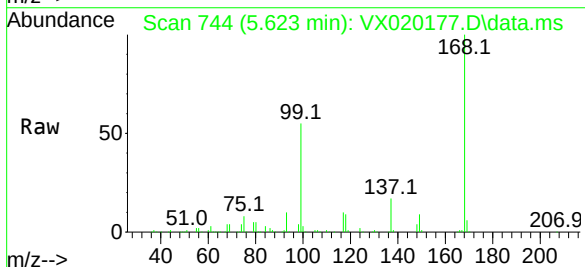
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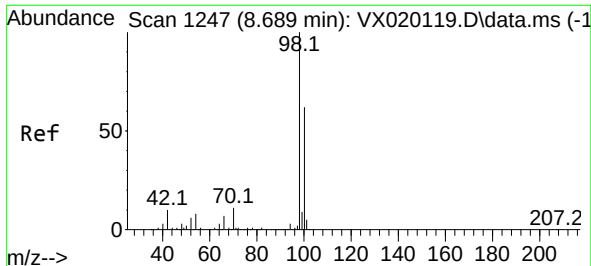
Tgt Ion: 75 Resp: 22907
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

Tgt Ion: 117 Resp: 28943
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

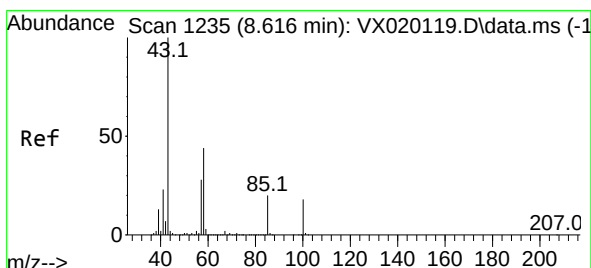
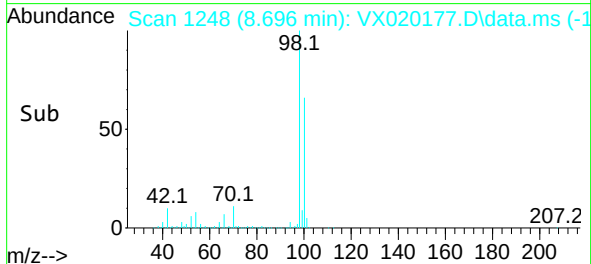
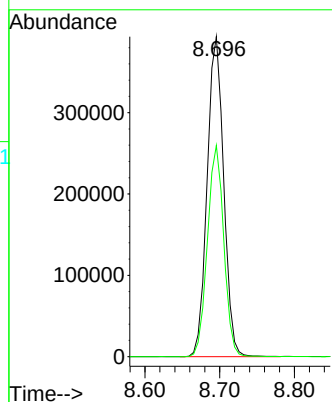
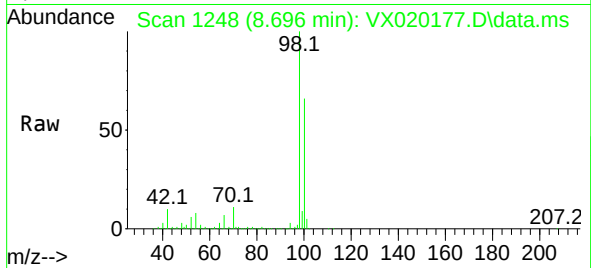




#50
Toluene-d8
Concen: 49.63 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

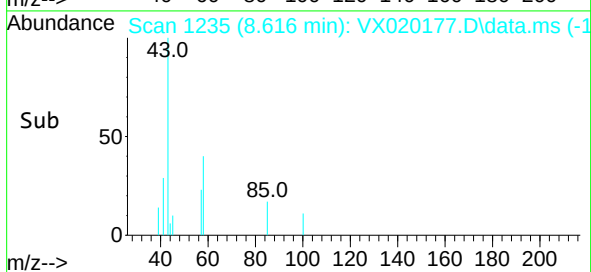
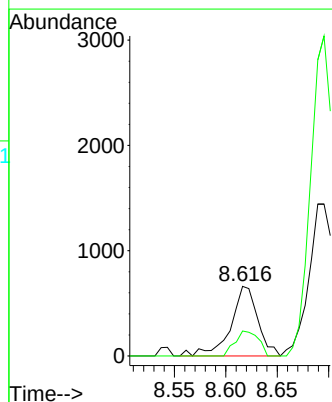
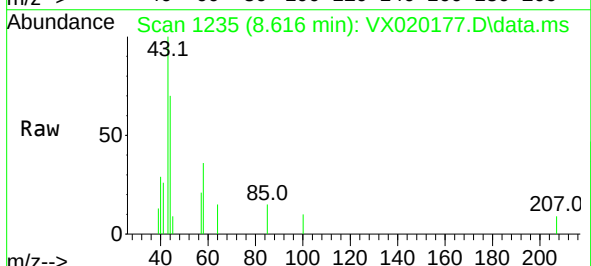
Instrument :
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49-IW5677-121220

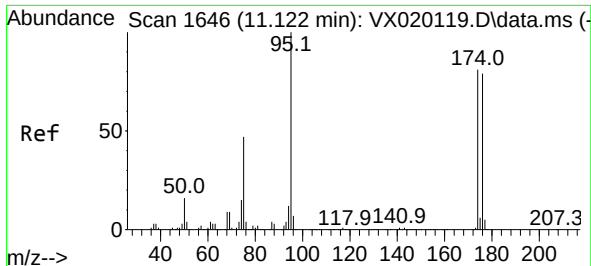
Tgt Ion: 98 Resp: 605033
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
58 30.8 35.4 53.0#

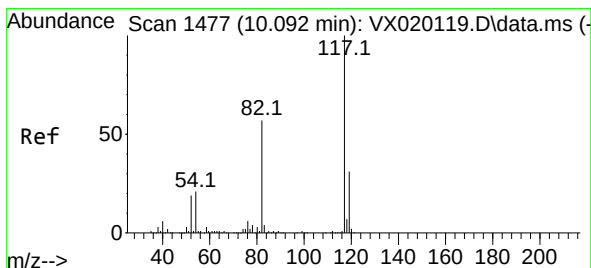
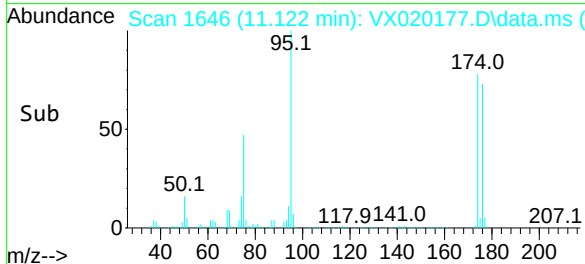
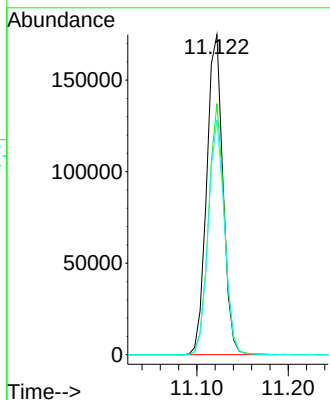
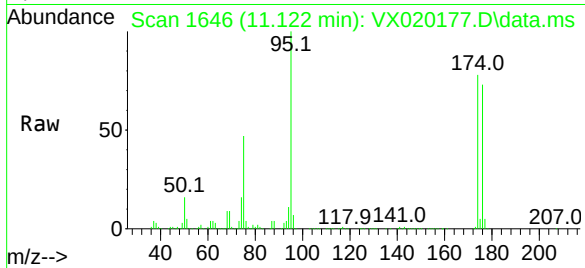




#62
4-Bromofluorobenzene
Concen: 46.14 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

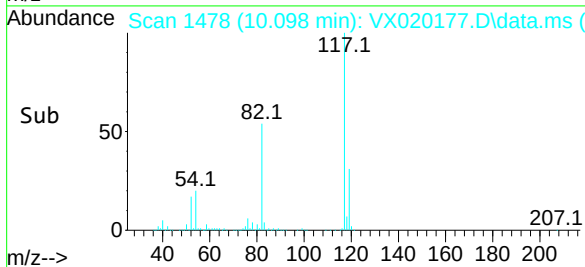
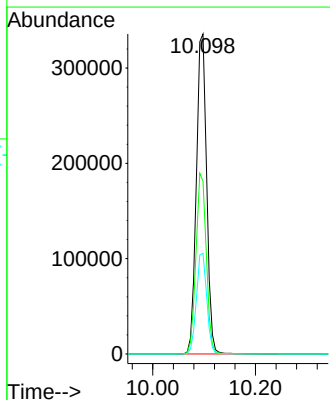
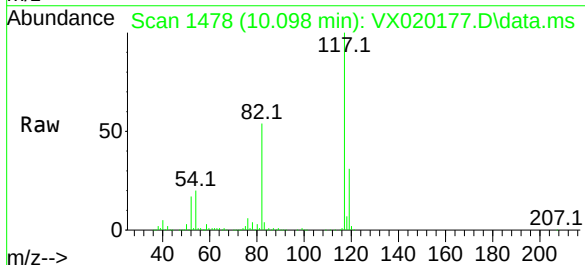
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220

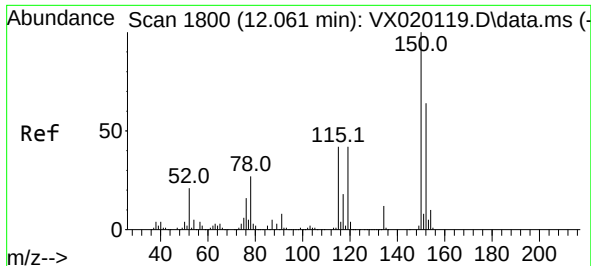
Tgt Ion: 95 Resp: 215259
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 73.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

Tgt Ion: 117 Resp: 465785
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 31.5 26.6 39.8

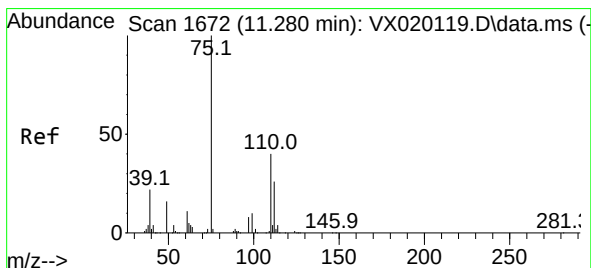
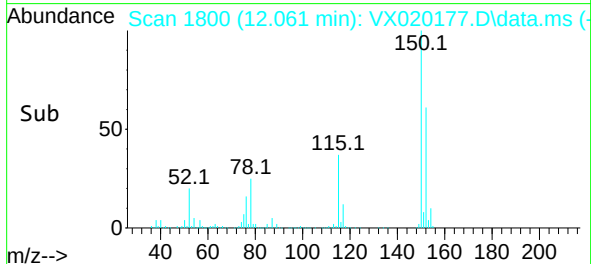
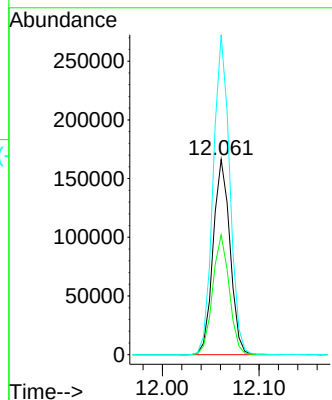
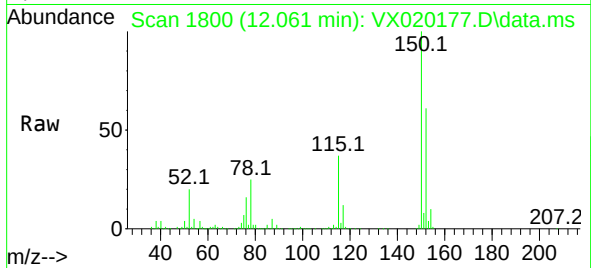




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

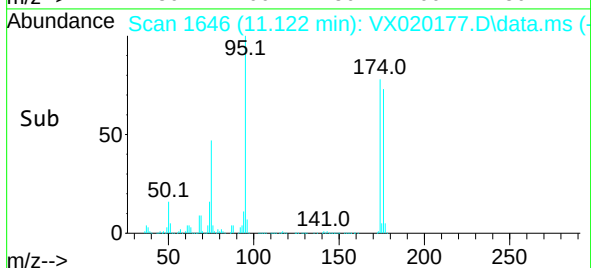
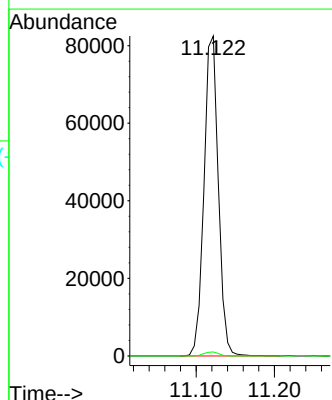
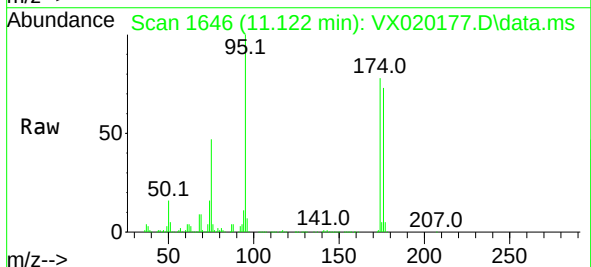
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220

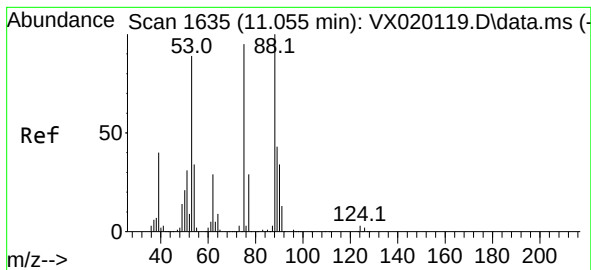
Tgt Ion:152 Resp: 201619
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 160.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.06 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020177.D
Acq: 19 Dec 2020 17:34

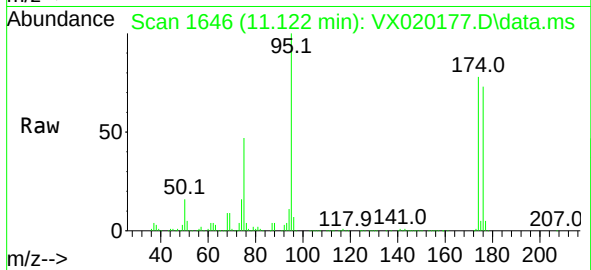
Tgt Ion: 75 Resp: 104613
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.49 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020177.D
 Acq: 19 Dec 2020 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220



Tgt Ion: 75 Resp: 104613
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

