

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020181.D
 Acq On : 19 Dec 2020 19:07
 Operator : JC/MD
 Sample : L5096-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5678-121220

Quant Time: Dec 21 02:35:51 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)

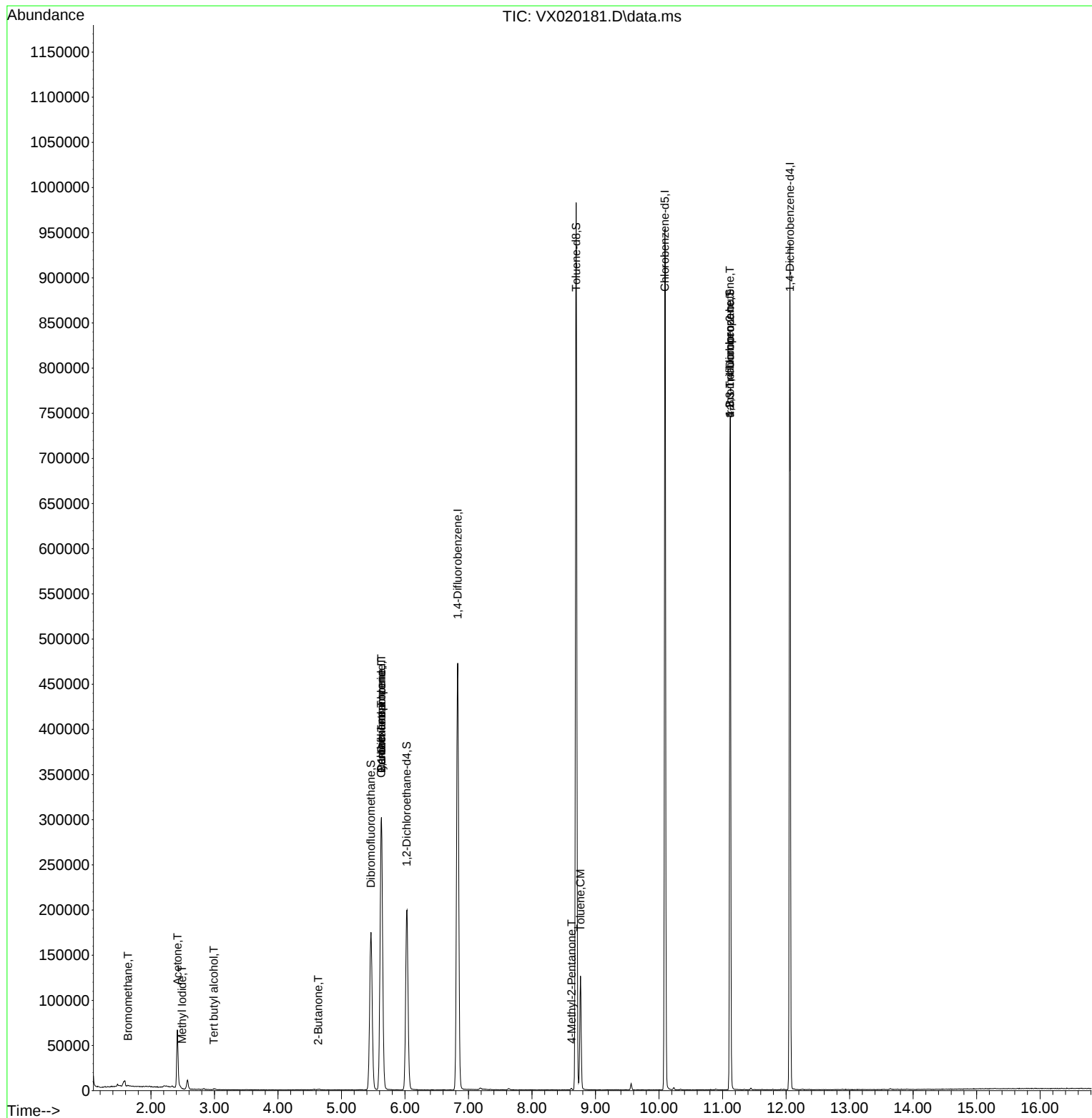
Internal Standards						
1) Pentafluorobenzene	5.629	168	290305	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	482458	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	447863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	191080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	191010	49.09	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.18%		
35) Dibromofluoromethane	5.464	113	152950	49.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.12%		
50) Toluene-d8	8.696	98	589687	49.64	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.28%		
62) 4-Bromofluorobenzene	11.116	95	204197	44.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.82%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	476	0.37	ug/l #	79
10) Methyl Iodide	2.489	142	330	3.36	ug/l #	62
11) Tert butyl alcohol	2.989	59	938	1.08	ug/l #	73
16) Acetone	2.416	43	64868	36.56	ug/l	99
25) 2-Butanone	4.635	43	568	0.22	ug/l #	77
31) Cyclohexane	5.623	56	5562	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22442	4.71	ug/l #	48
38) Carbon Tetrachloride	5.629	117	28954	6.38	ug/l #	17
51) 4-Methyl-2-Pentanone	8.622	43	1115	0.23	ug/l #	85
52) Toluene	8.763	92	46388	5.12	ug/l	97
76) 1,2,3-Trichloropropane	11.116	75	99810	21.21	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	99810	62.91	ug/l #	12

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

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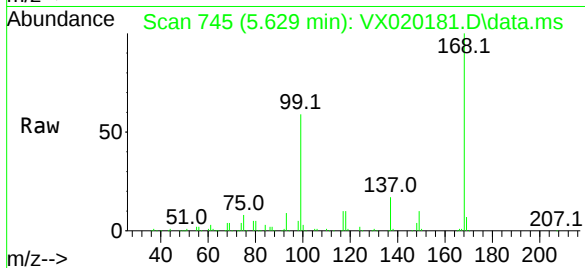
Quant Time: Dec 21 02:35:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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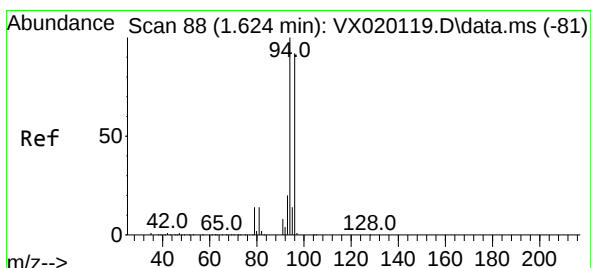
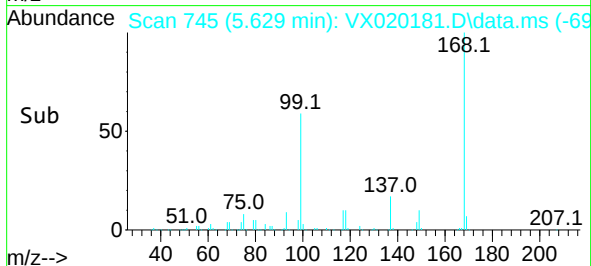
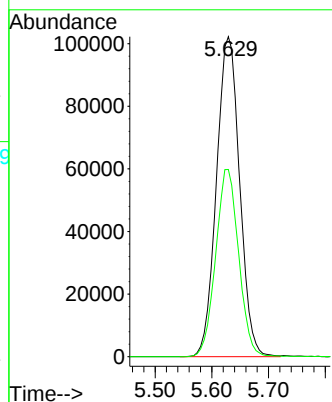


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
49-IW5678-121220

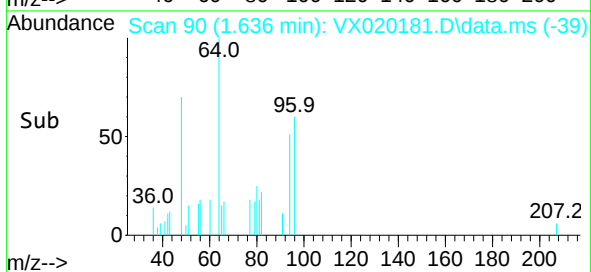
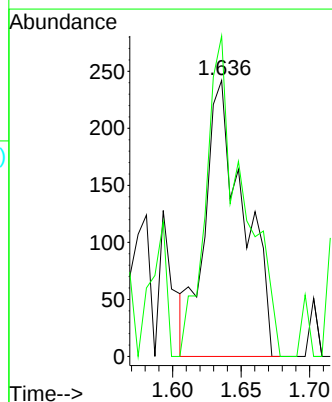
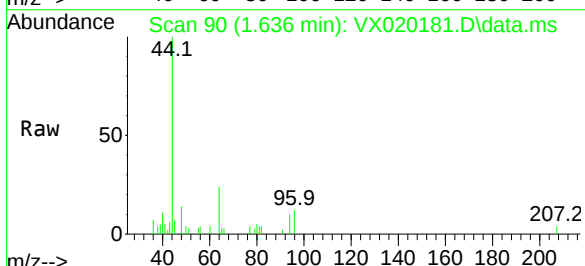


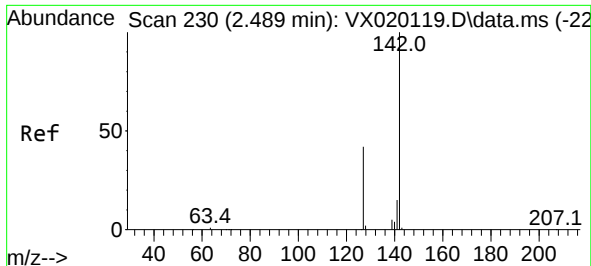
Tgt Ion:168 Resp: 290305
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

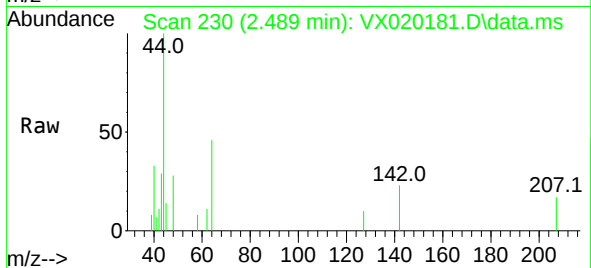
Tgt Ion: 94 Resp: 476
Ion Ratio Lower Upper
94 100
96 116.1 76.4 114.6#



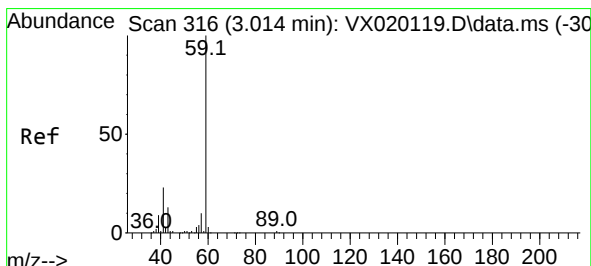
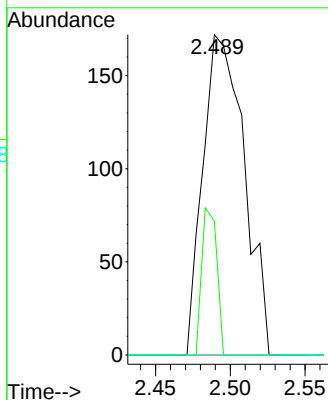
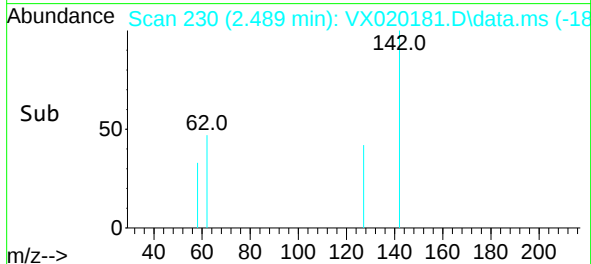


#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

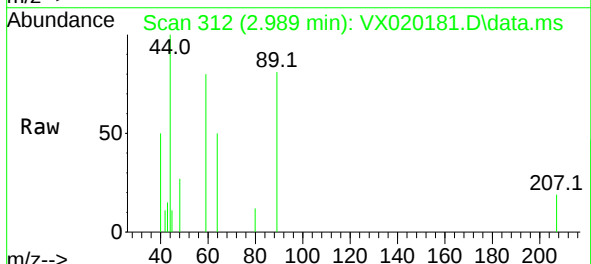
Instrument :
MSVOA_X
ClientSampleId :
49-IW5678-121220



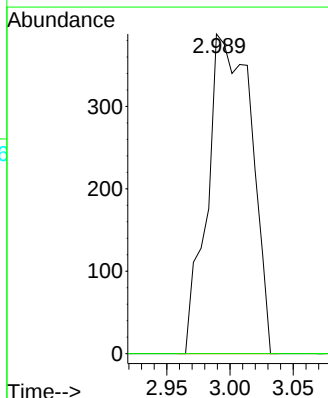
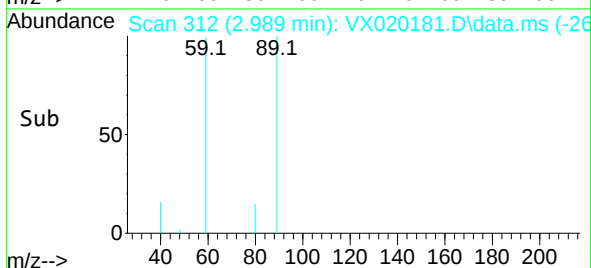
Tgt Ion:142 Resp: 330
Ion Ratio Lower Upper
142 100
127 16.7 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.08 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07



Tgt Ion: 59 Resp: 938
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

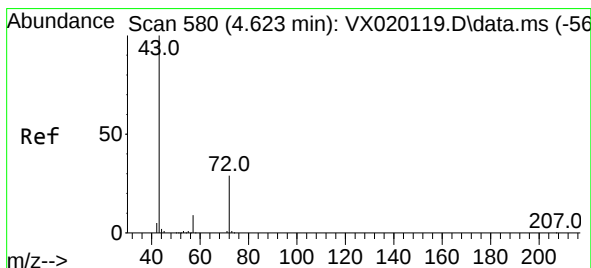
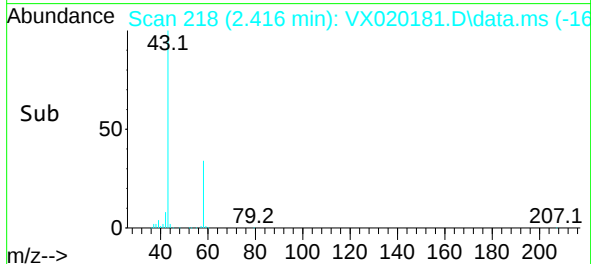
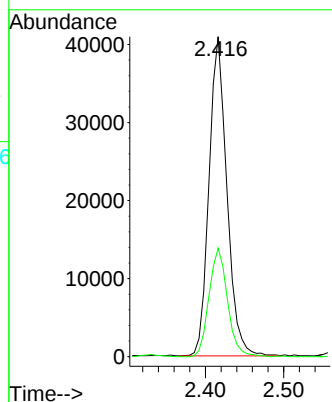
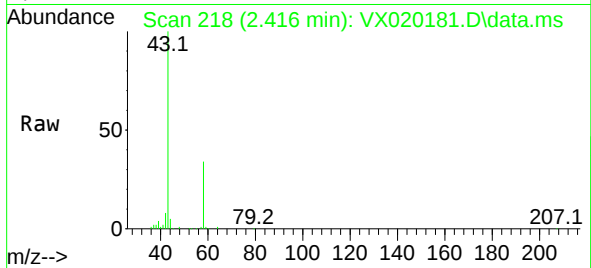




#16
Acetone
Concen: 36.56 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

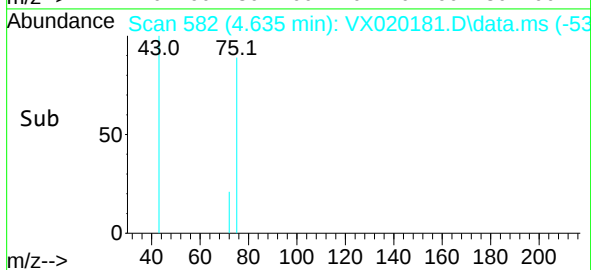
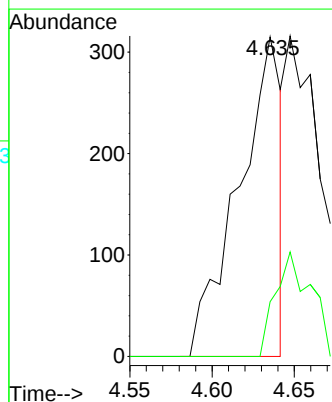
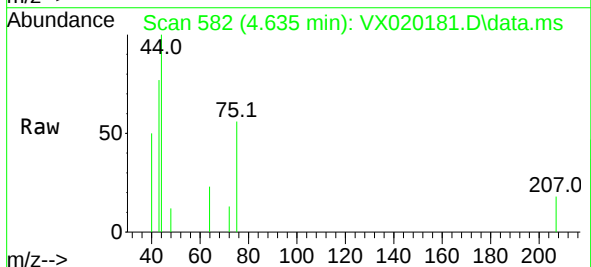
Instrument :
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ClientSampleId :
49-IW5678-121220

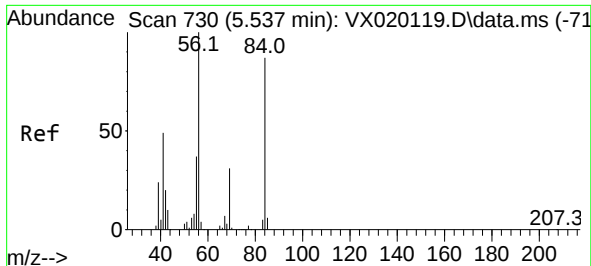
Tgt Ion: 43 Resp: 64868
Ion Ratio Lower Upper
43 100
58 34.0 27.8 41.8



#25
2-Butanone
Concen: 0.22 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

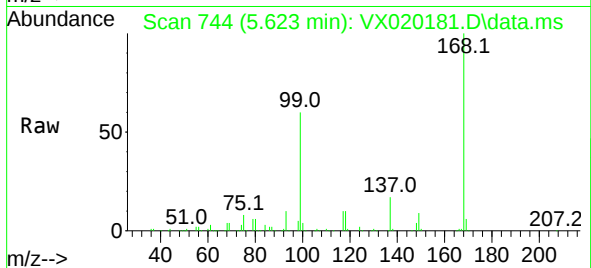
Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
72 17.1 23.7 35.5#



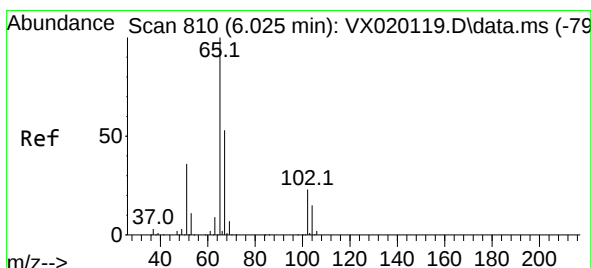
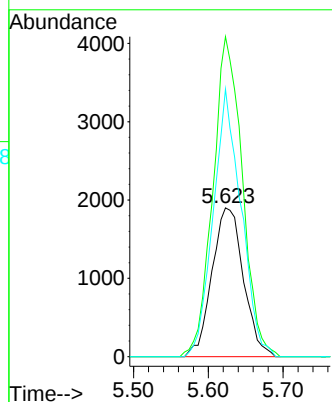
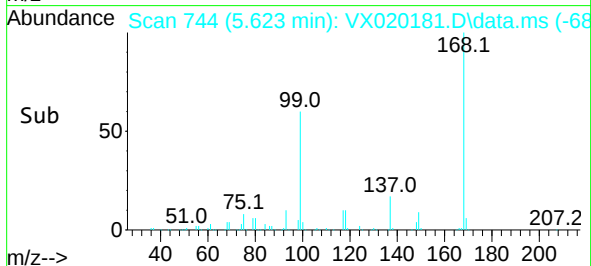


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

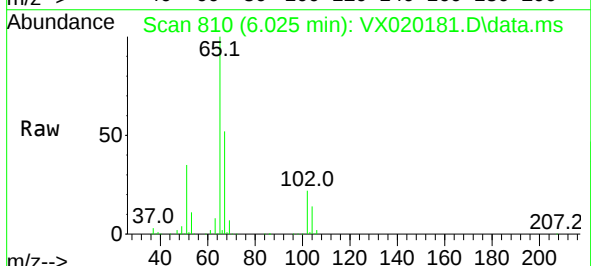
Instrument :
MSVOA_X
ClientSampleId :
49-IW5678-121220



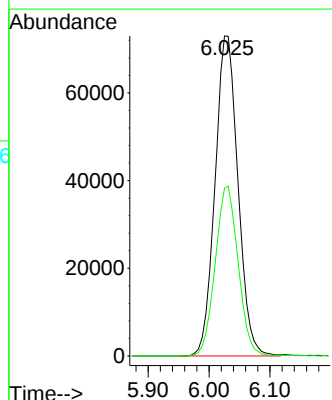
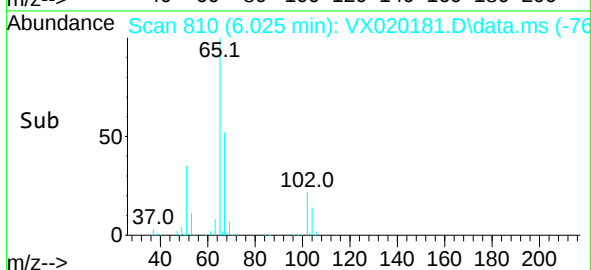
Tgt Ion: 56 Resp: 5562
Ion Ratio Lower Upper
56 100
69 215.2 25.3 37.9#
84 179.8 71.4 107.0#

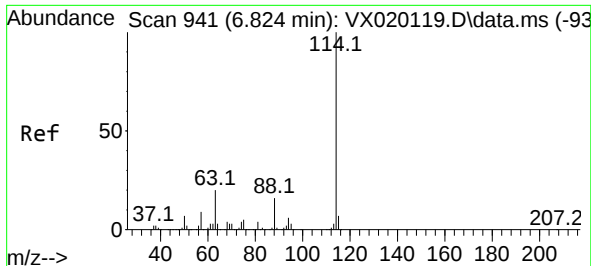


#33
1,2-Dichloroethane-d4
Concen: 49.09 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07



Tgt Ion: 65 Resp: 191010
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: VX020181.D

Acq: 19 Dec 2020 19:07

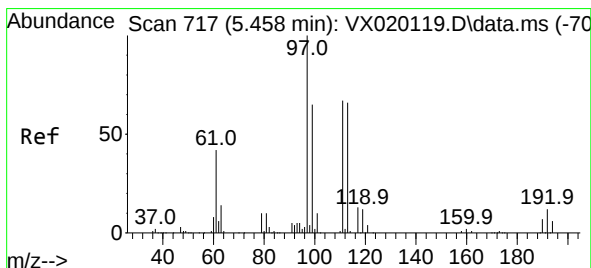
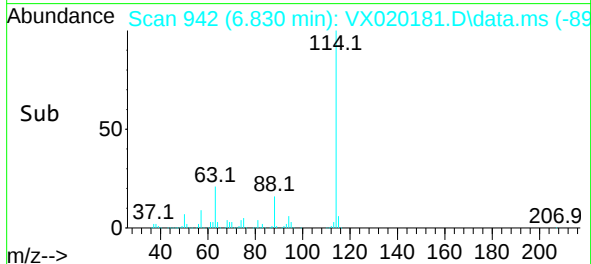
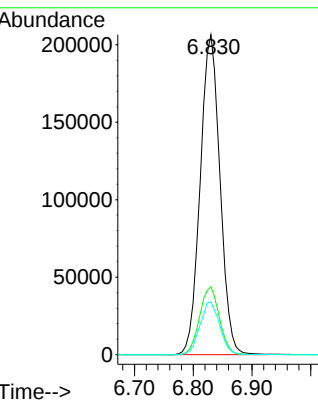
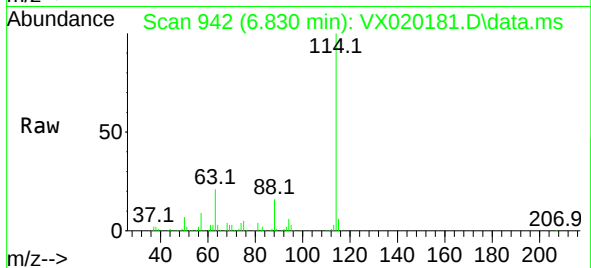
Tgt Ion:114 Resp: 482458

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 16.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.56 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX020181.D

Acq: 19 Dec 2020 19:07

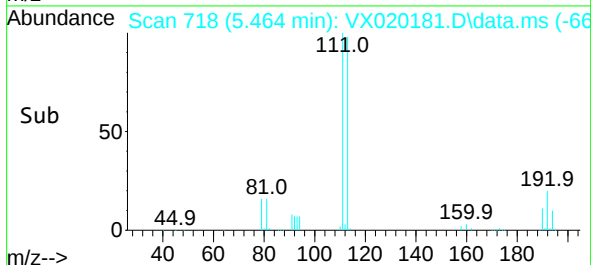
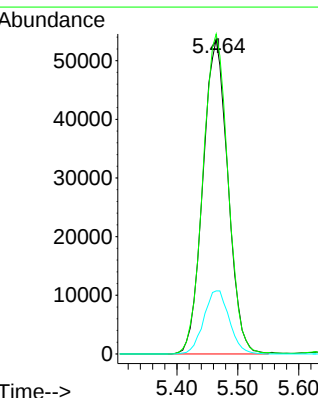
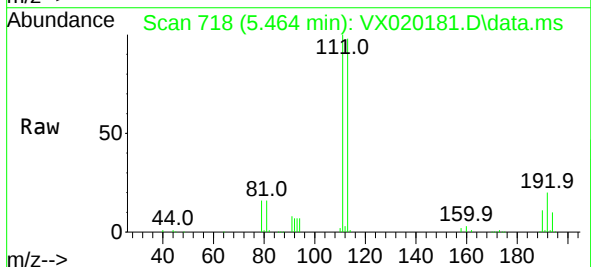
Tgt Ion:113 Resp: 152950

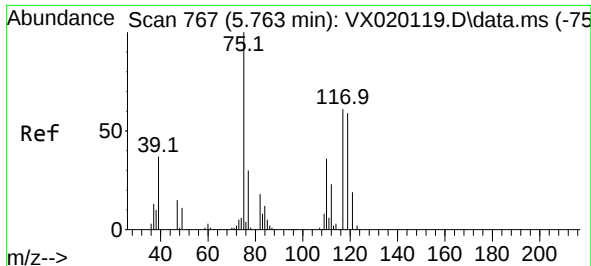
Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 20.5 16.7 25.1

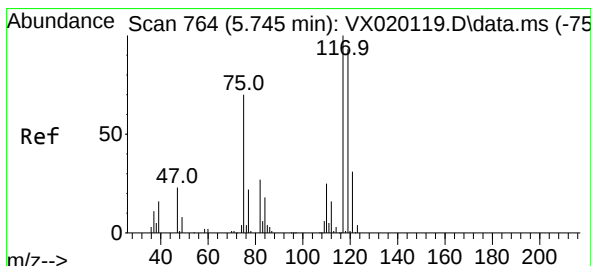
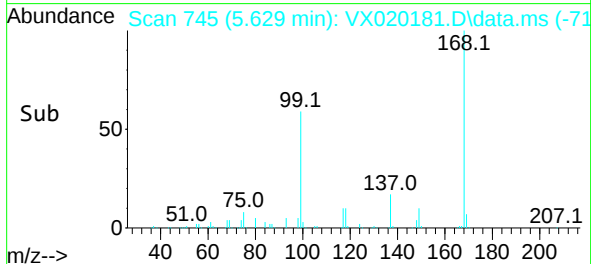
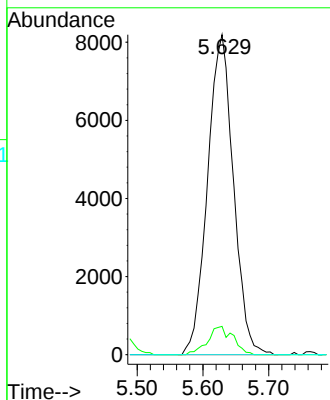
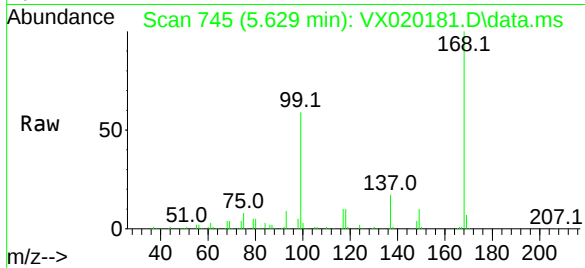




#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

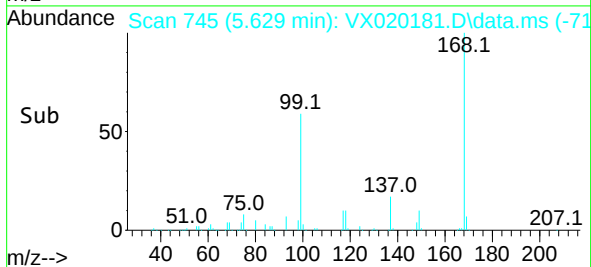
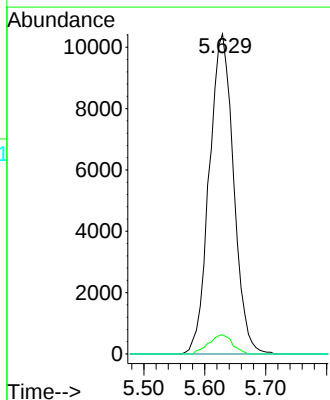
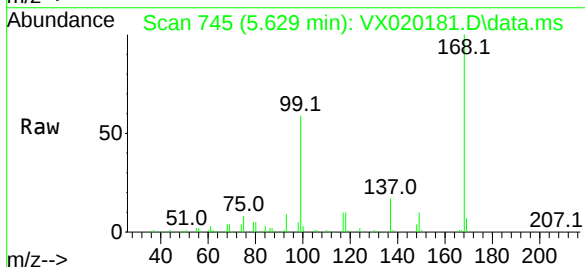
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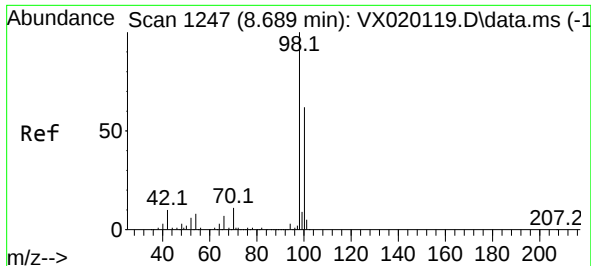
Tgt Ion: 75 Resp: 22442
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

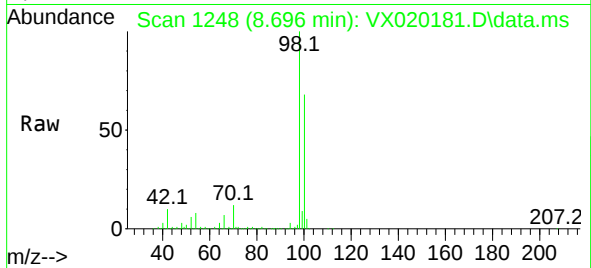
Tgt Ion: 117 Resp: 28954
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



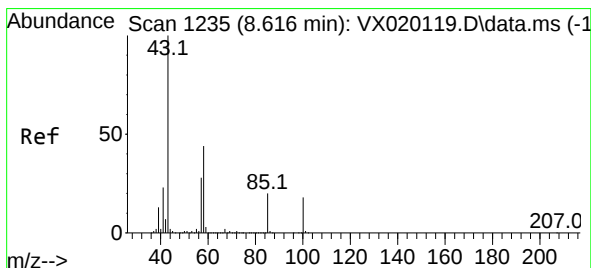
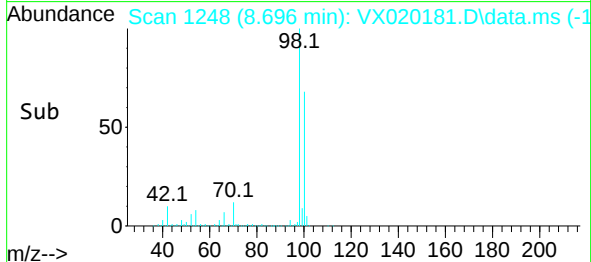
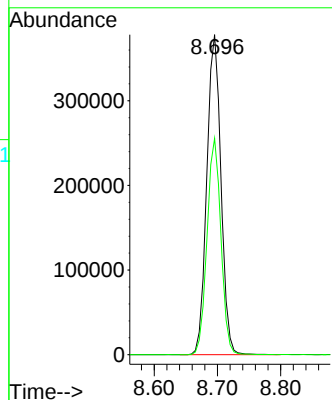


#50
Toluene-d8
Concen: 49.64 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

Instrument :
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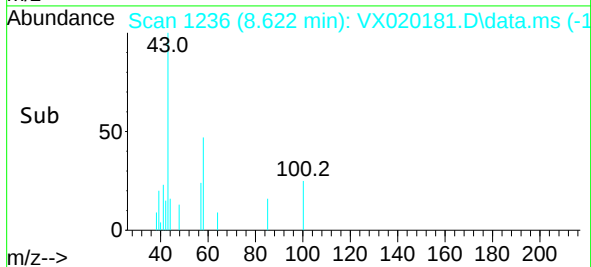
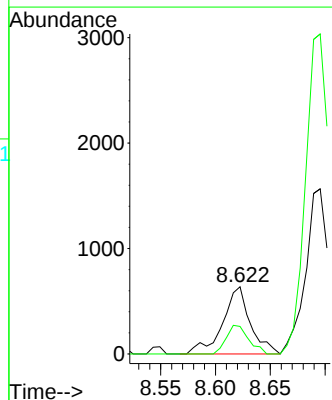
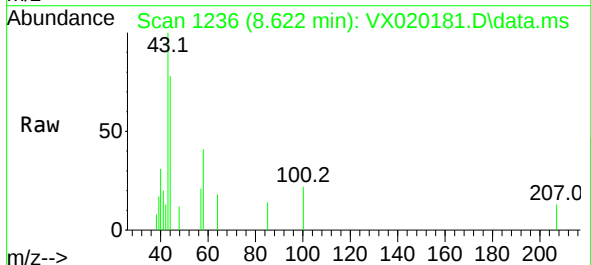


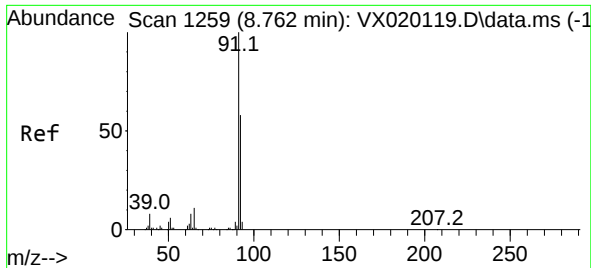
Tgt Ion: 98 Resp: 589687
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 34.5 35.4 53.0#

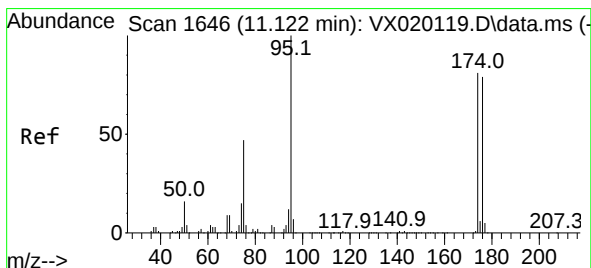
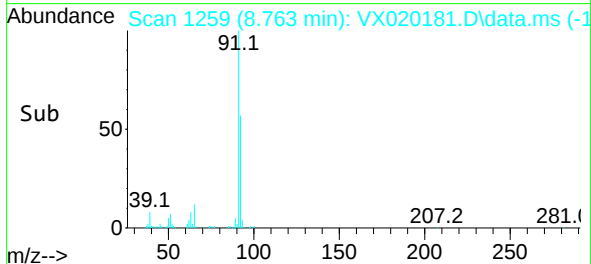
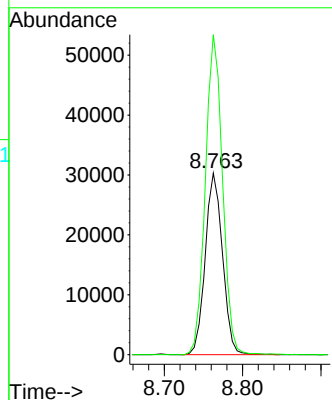
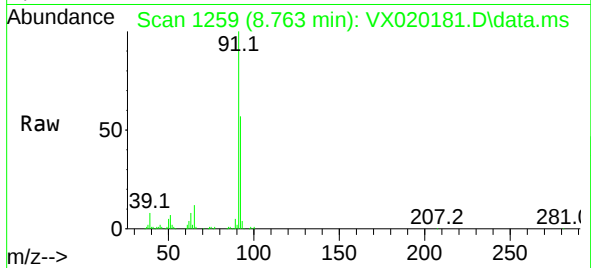




#52
Toluene
Concen: 5.12 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

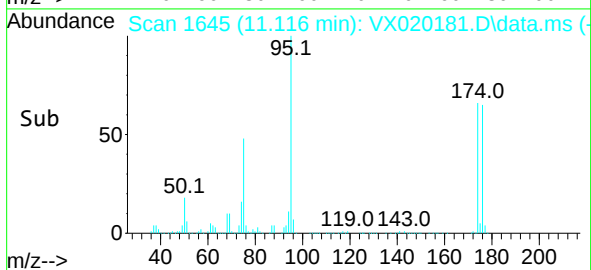
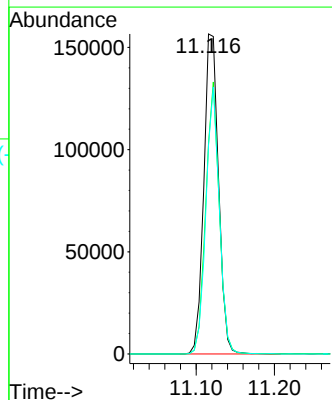
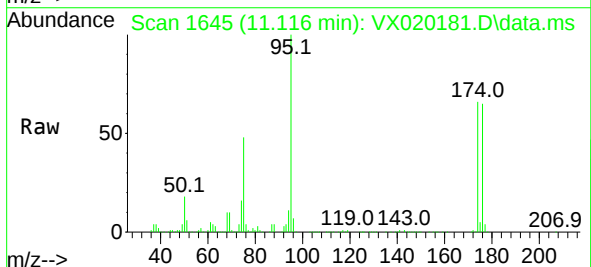
Instrument :
MSVOA_X
ClientSampleId :
49-IW5678-121220

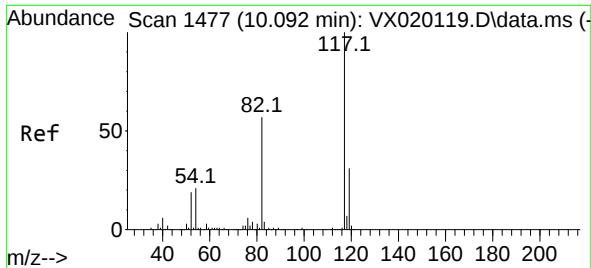
Tgt Ion: 92 Resp: 46388
Ion Ratio Lower Upper
92 100
91 175.2 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 44.91 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

Tgt Ion: 95 Resp: 204197
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 76.0 0.0 155.8

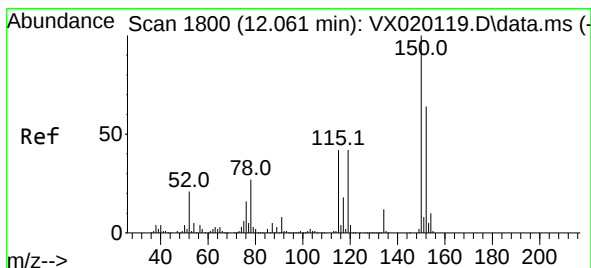
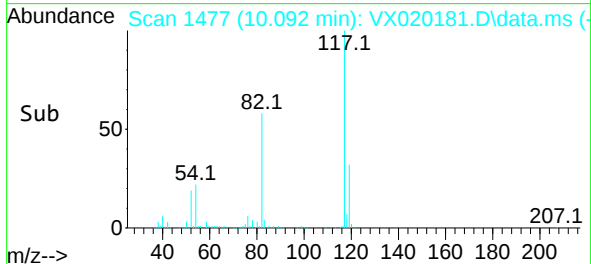
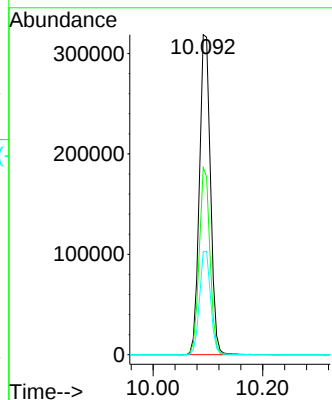
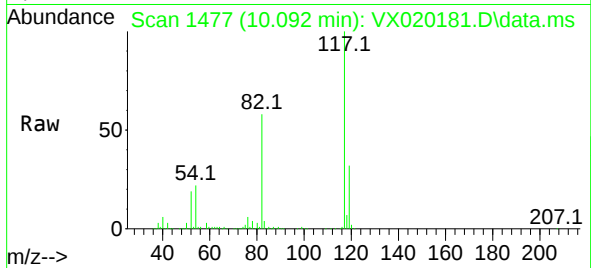




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

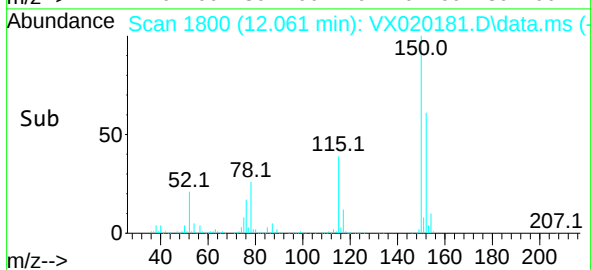
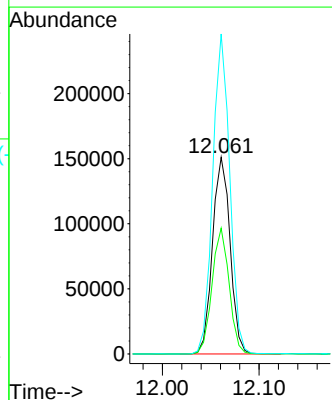
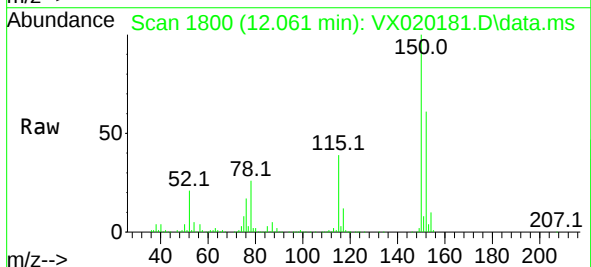
Instrument :
MSVOA_X
ClientSampleId :
49-IW5678-121220

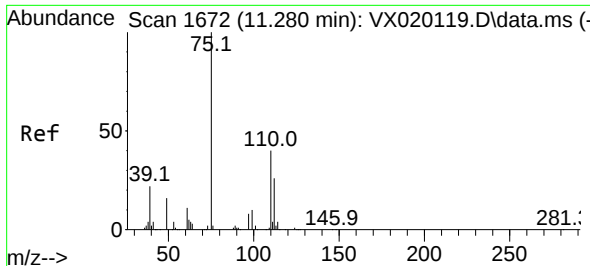
Tgt Ion:117 Resp: 447863
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

Tgt Ion:152 Resp: 191080
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 157.2 0.0 349.0

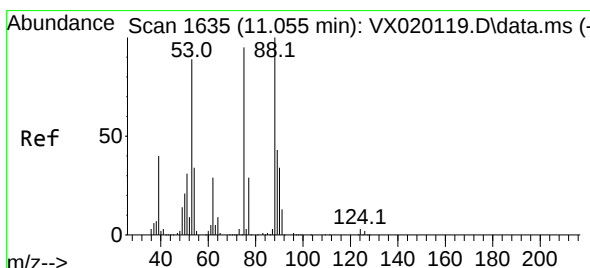
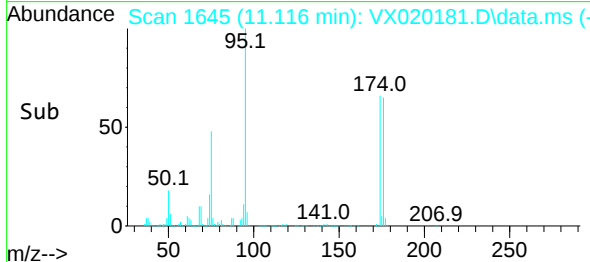
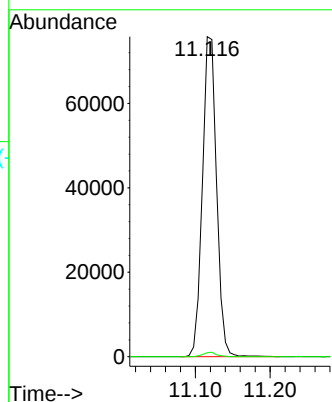
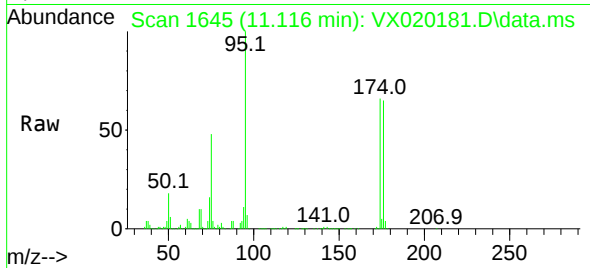




#76
1,2,3-Trichloropropane
Concen: 21.21 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

Instrument :
MSVOA_X
ClientSampleId :
49-IW5678-121220

Tgt Ion: 75 Resp: 99810
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.91 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020181.D
Acq: 19 Dec 2020 19:07

Tgt Ion: 75 Resp: 99810
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

