

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020219.D
 Acq On : 20 Dec 2020 11:21
 Operator : JC/MD
 Sample : VX1219WBL03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1219WBL03

Quant Time: Dec 21 02:49:16 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)

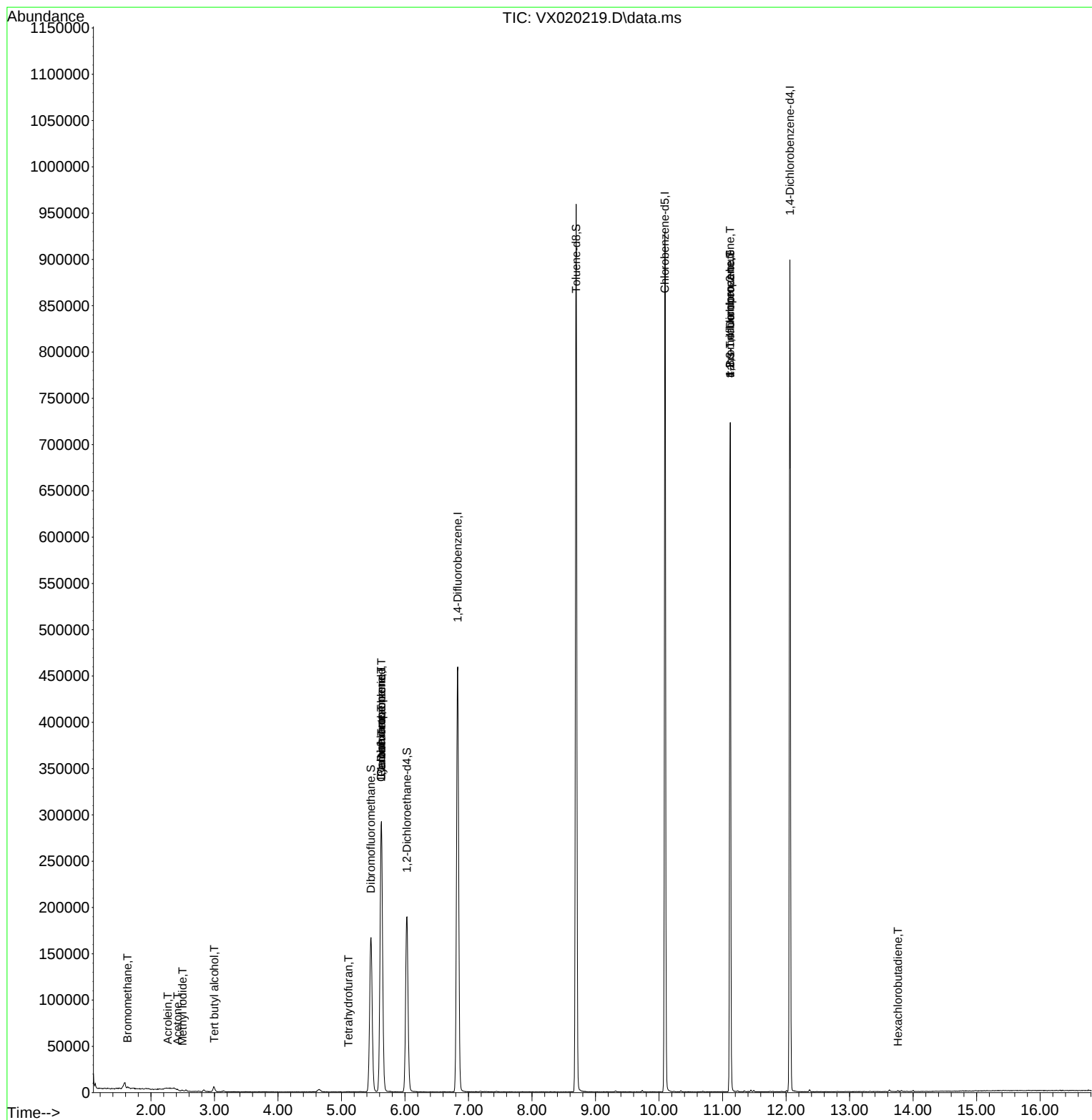
Internal Standards						
1) Pentafluorobenzene	5.629	168	280490	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	470333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	429149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	184940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	186145	49.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.02%		
35) Dibromofluoromethane	5.464	113	147489	49.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.04%		
50) Toluene-d8	8.696	98	565188	48.80	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.60%		
62) 4-Bromofluorobenzene	11.122	95	196393	44.31	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.62%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	836	0.68	ug/l	95
10) Methyl Iodide	2.495	142	1171	3.58	ug/l #	91
11) Tert butyl alcohol	2.995	59	3069	3.65	ug/l #	73
13) Acrolein	2.264	56	148	0.28	ug/l #	46
16) Acetone	2.416	43	1368	0.80	ug/l #	78
29) Tetrahydrofuran	5.111	42	356	0.23	ug/l #	37
31) Cyclohexane	5.623	56	5686	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22042	4.74	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27539	6.23	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	96984	21.29	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	96984	63.16	ug/l #	12
94) Hexachlorobutadiene	13.762	225	244	2.78	ug/l	92

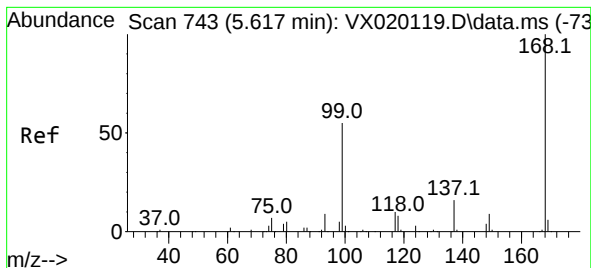
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 745

Delta R.T. 0.012 min

Lab File: VX020219.D

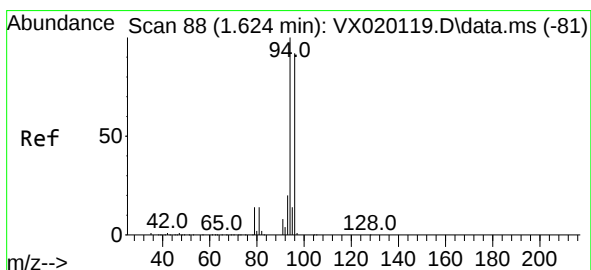
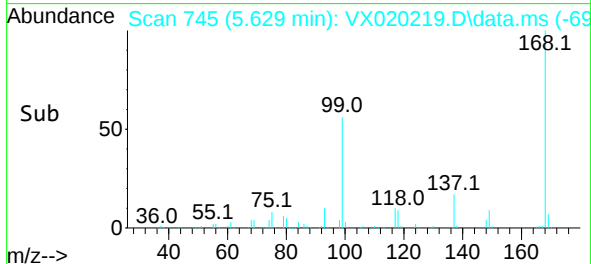
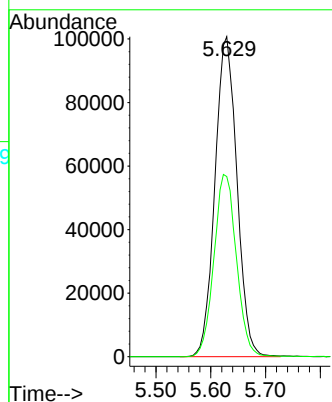
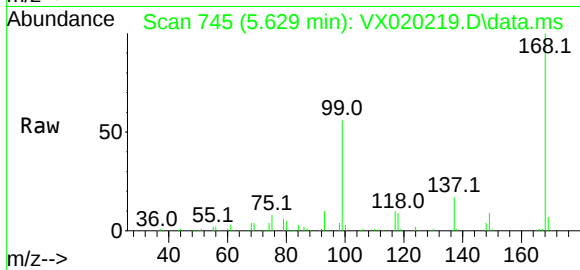
Acq: 20 Dec 2020 11:21

Tgt Ion:168 Resp: 280490

Ion Ratio Lower Upper

168 100

99 56.3 45.8 68.6



#5

Bromomethane

Concen: 0.68 ug/l

RT: 1.630 min Scan# 89

Delta R.T. 0.006 min

Lab File: VX020219.D

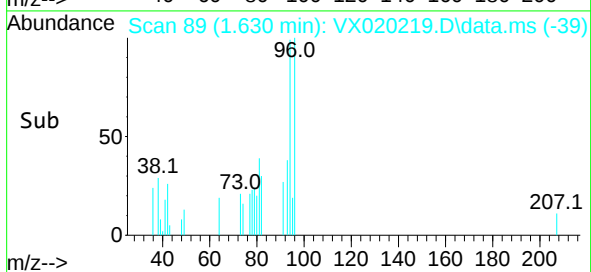
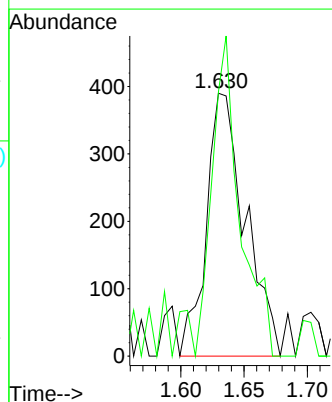
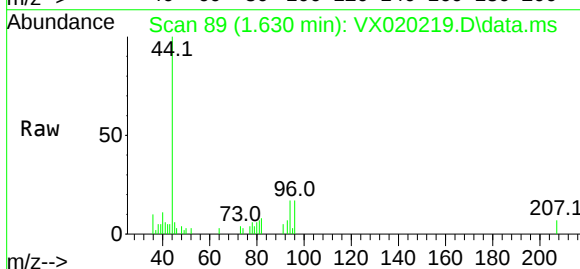
Acq: 20 Dec 2020 11:21

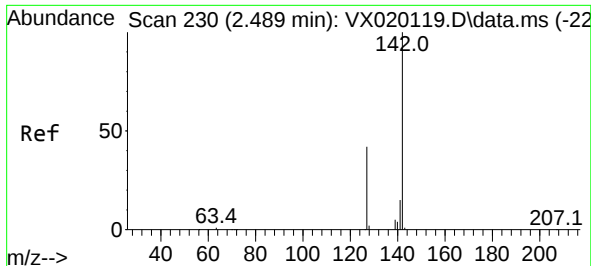
Tgt Ion: 94 Resp: 836

Ion Ratio Lower Upper

94 100

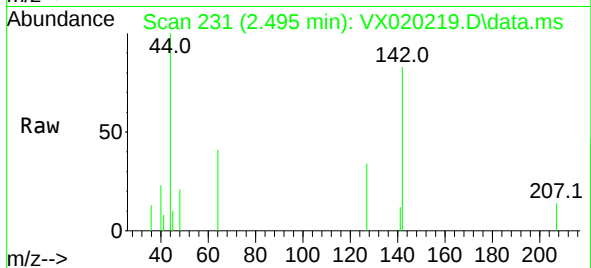
96 100.5 76.4 114.6



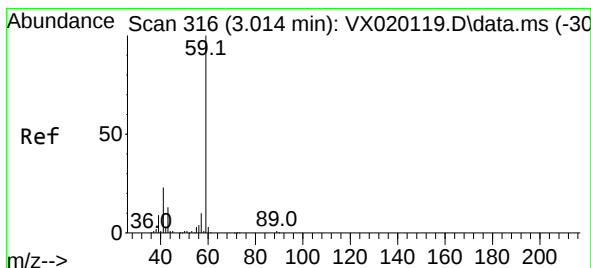
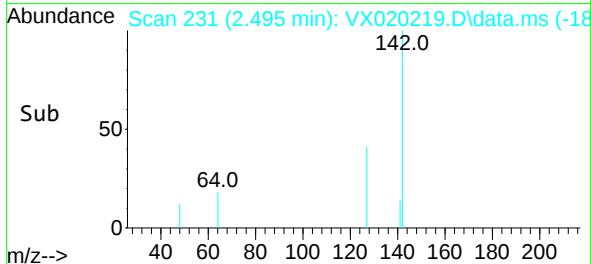
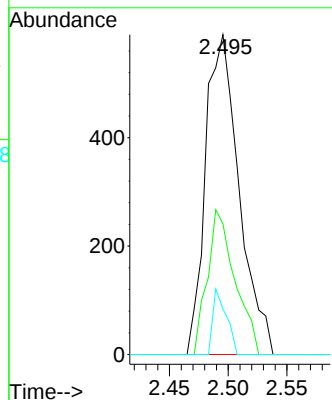


#10
Methyl Iodide
Concen: 3.58 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL03

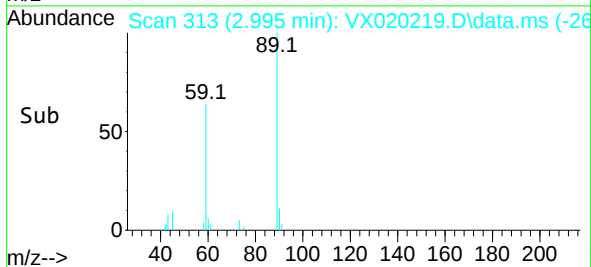
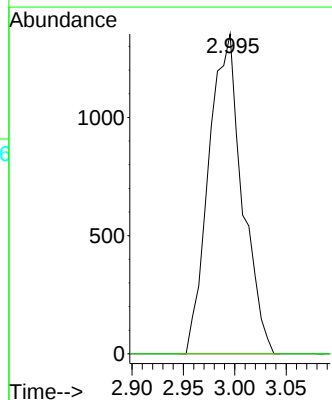
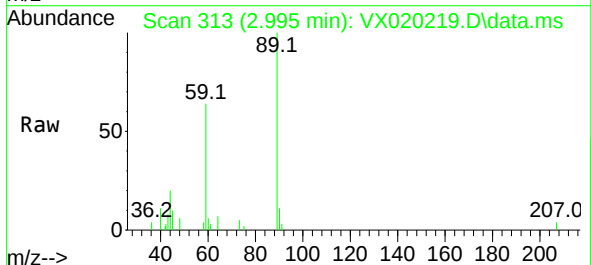


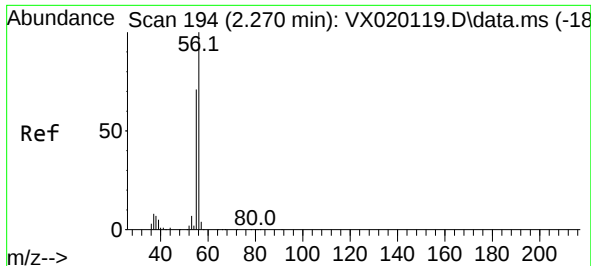
Tgt Ion:142 Resp: 1171
Ion Ratio Lower Upper
142 100
127 37.2 33.3 49.9
141 8.2 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.65 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

Tgt Ion: 59 Resp: 3069
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

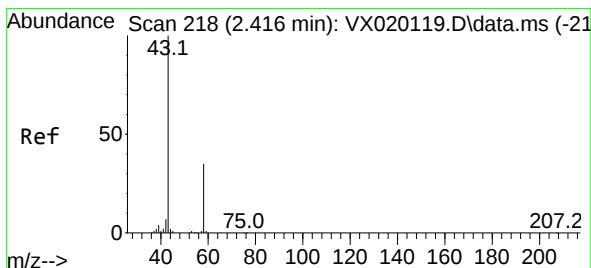
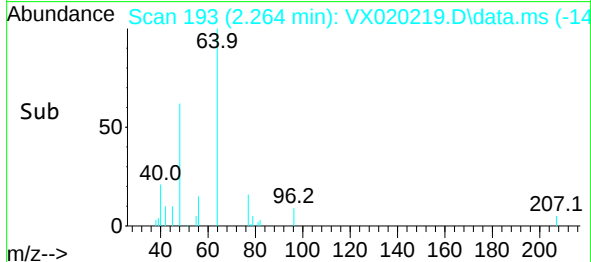
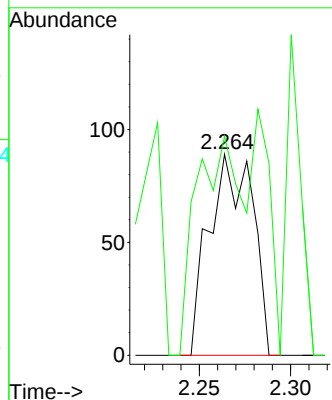
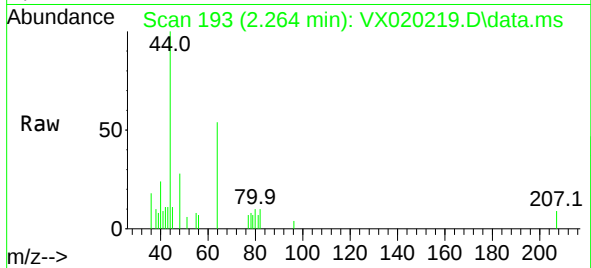




#13
Acrolein
Concen: 0.28 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

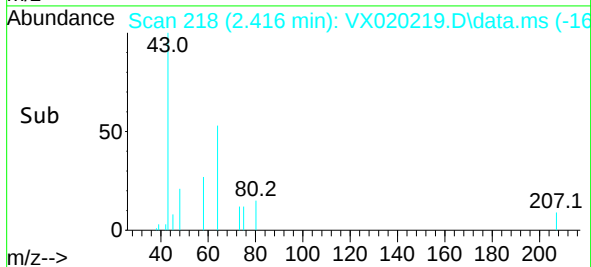
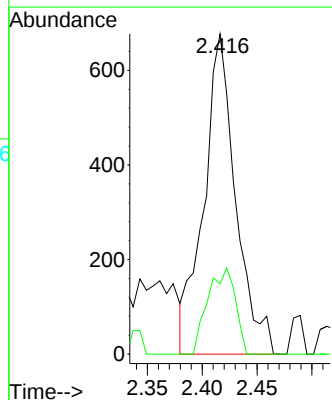
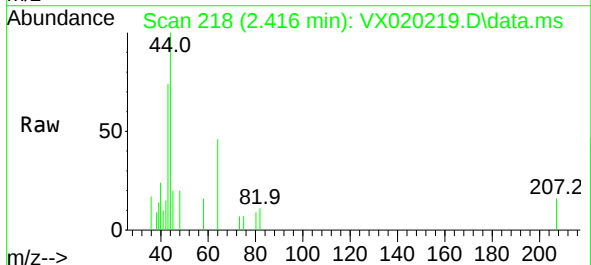
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL03

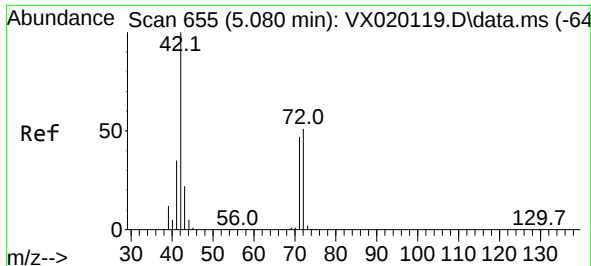
Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 114.9 56.4 84.6#



#16
Acetone
Concen: 0.80 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 22.0 27.8 41.8#





#29

Tetrahydrofuran

Concen: 0.23 ug/l

RT: 5.111 min Scan# 660

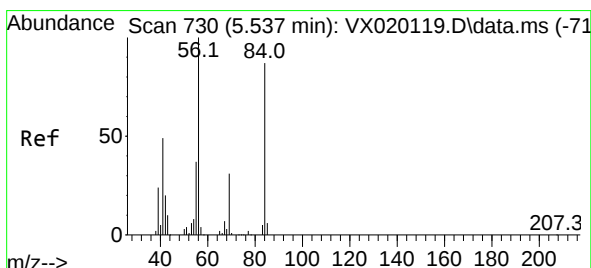
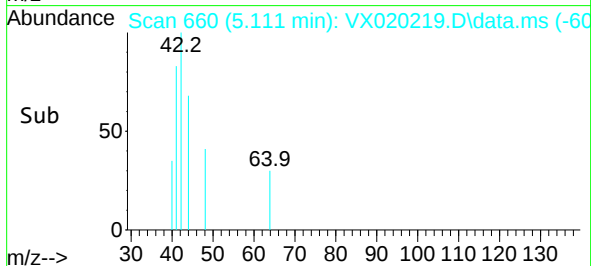
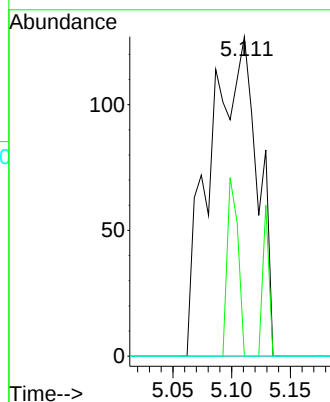
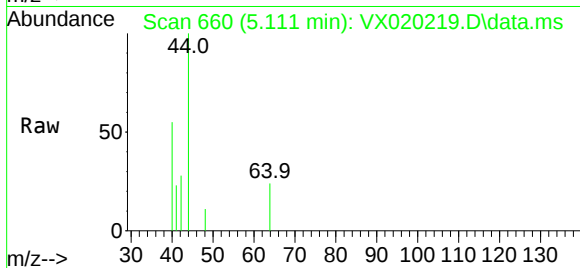
Delta R.T. 0.031 min

Lab File: VX020219.D

Acq: 20 Dec 2020 11:21

Tgt Ion: 42	Resp: 356
Ion Ratio	Lower Upper
42	100
72	12.6 41.7 62.5#
71	0.0 38.4 57.6#

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL03



#31

Cyclohexane

Concen: 1.10 ug/l

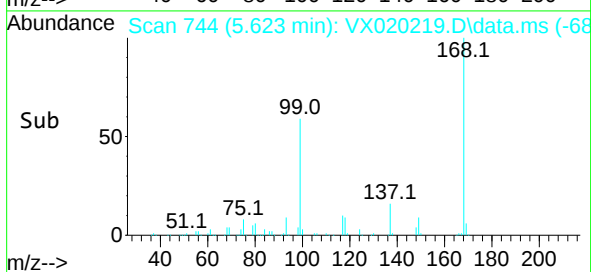
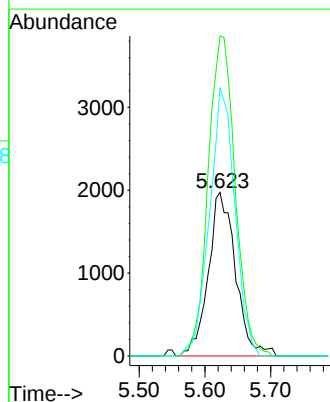
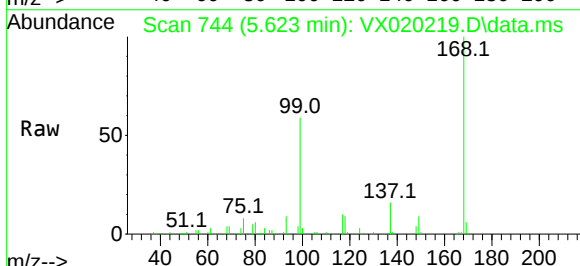
RT: 5.623 min Scan# 744

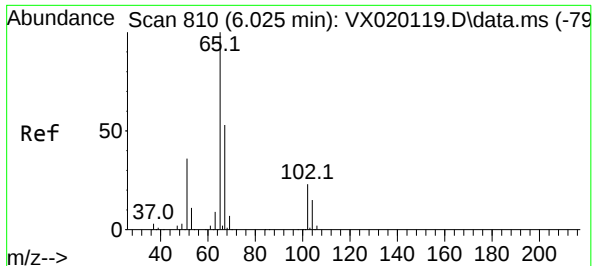
Delta R.T. 0.086 min

Lab File: VX020219.D

Acq: 20 Dec 2020 11:21

Tgt Ion: 56	Resp: 5686
Ion Ratio	Lower Upper
56	100
69	195.7 25.3 37.9#
84	163.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.51 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020219.D

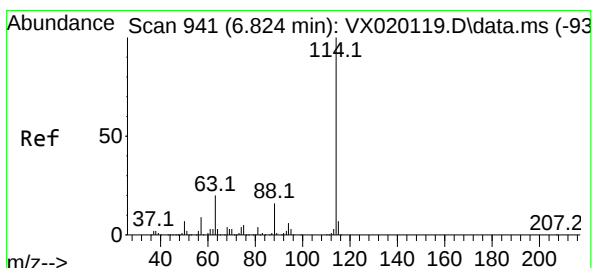
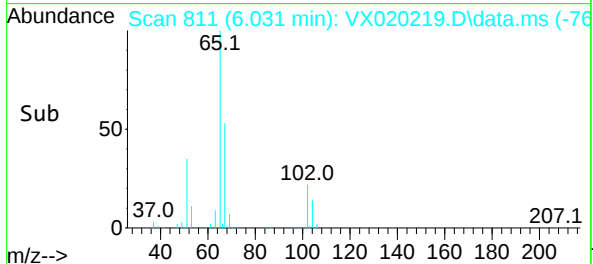
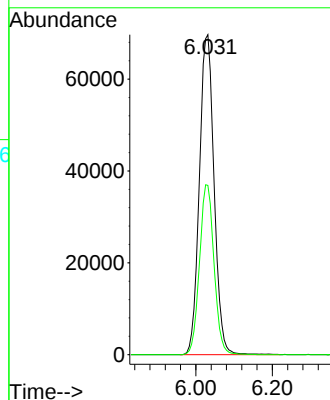
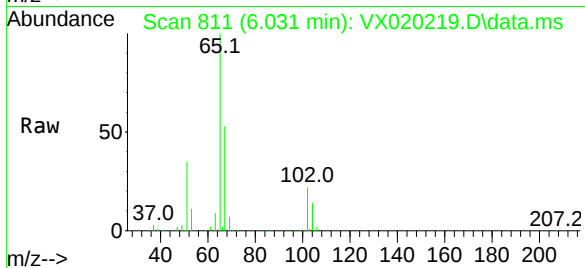
Acq: 20 Dec 2020 11:21

Tgt Ion: 65 Resp: 186145

Ion Ratio Lower Upper

65 100

67 52.4 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: VX020219.D

Acq: 20 Dec 2020 11:21

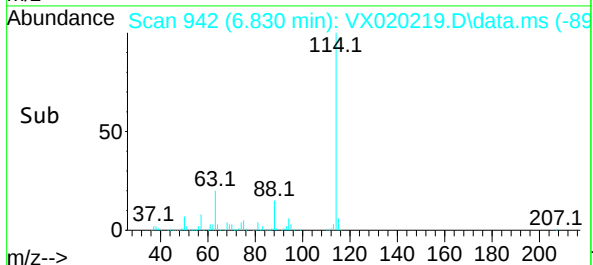
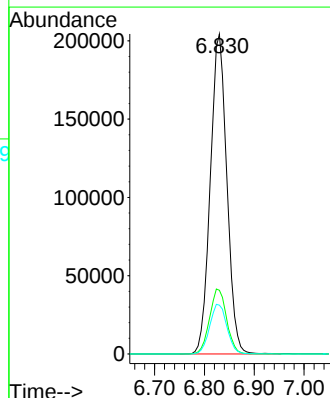
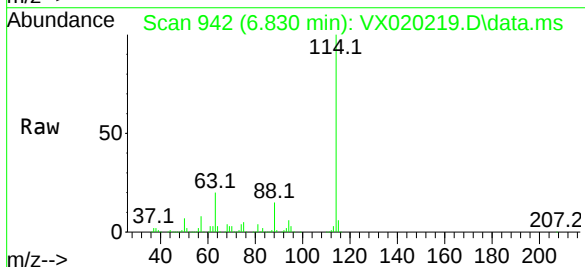
Tgt Ion: 114 Resp: 470333

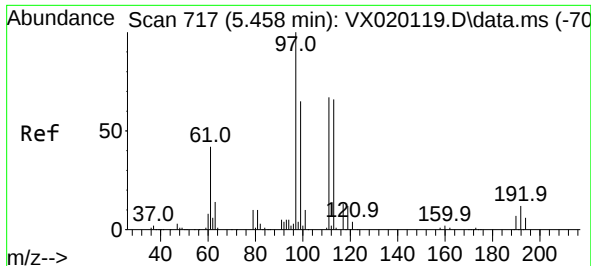
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.3 0.0 32.8

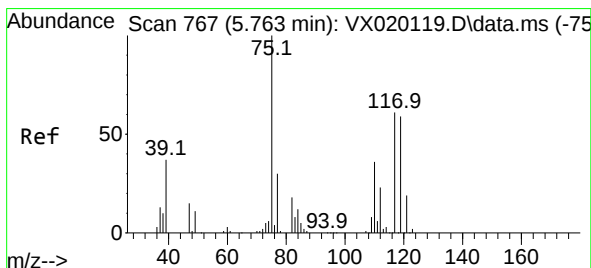
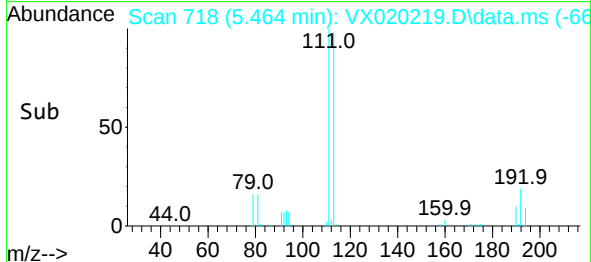
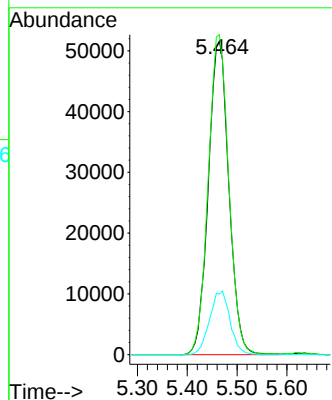
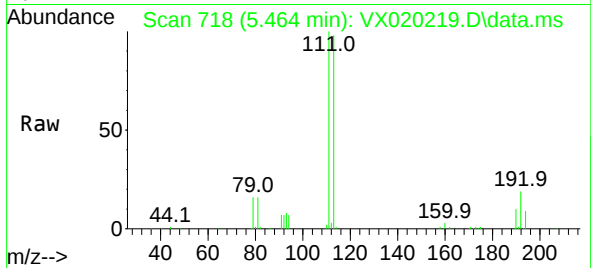




#35
Dibromofluoromethane
Concen: 49.02 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

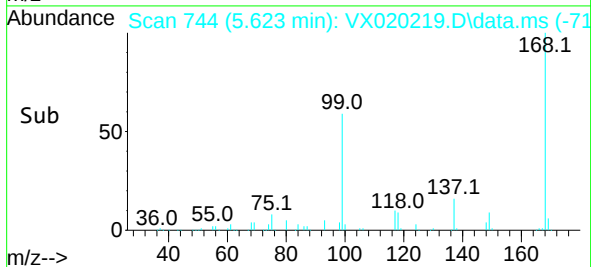
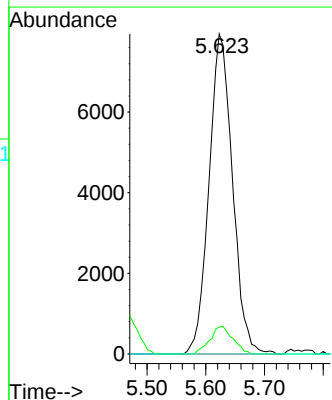
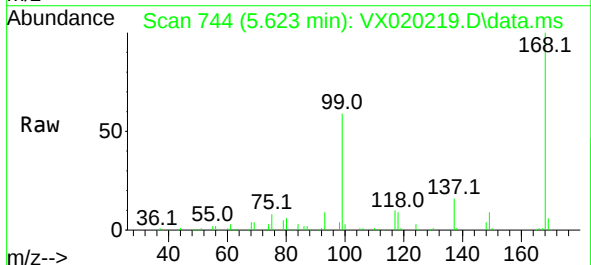
Instrument :
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VX1219WBL03

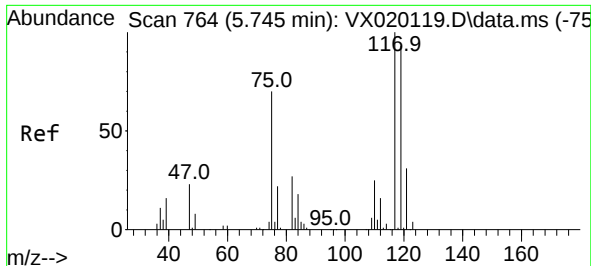
Tgt Ion:113 Resp: 147489
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

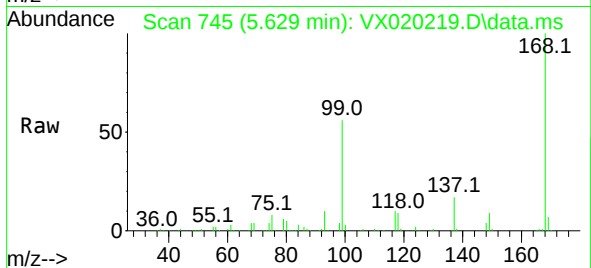
Tgt Ion: 75 Resp: 22042
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



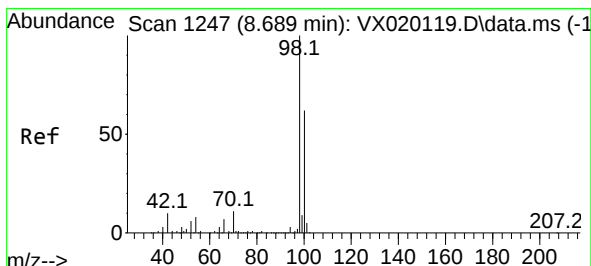
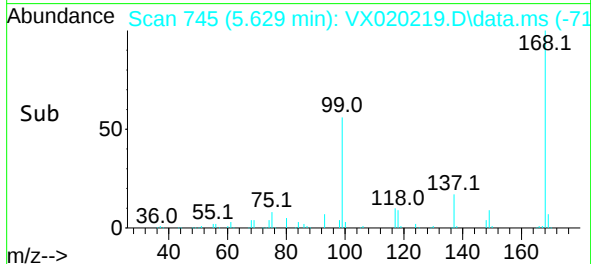
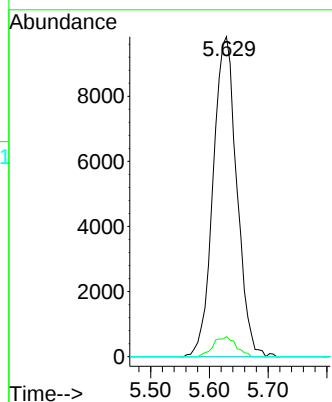


#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL03

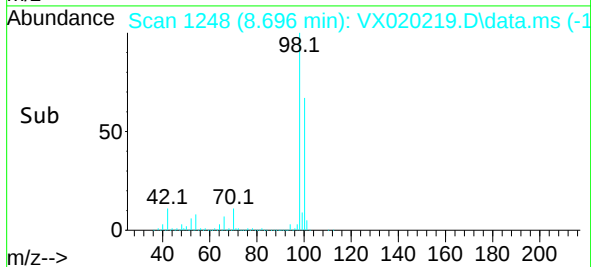
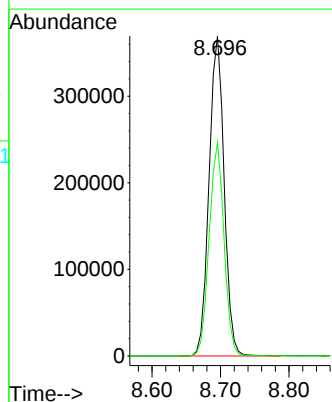
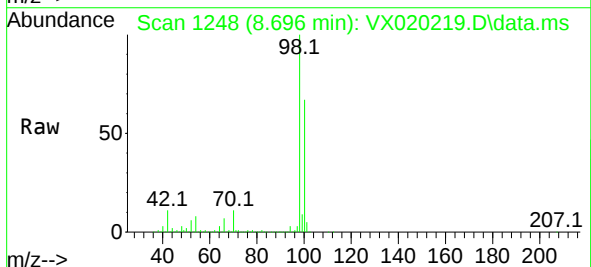


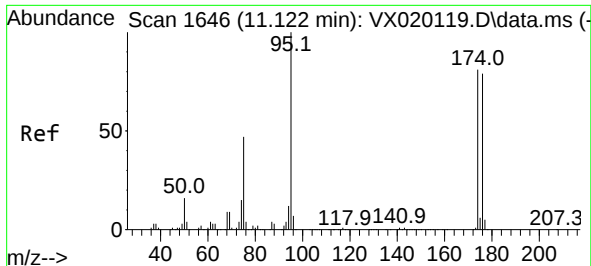
Tgt Ion:117 Resp: 27539
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.80 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

Tgt Ion: 98 Resp: 565188
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

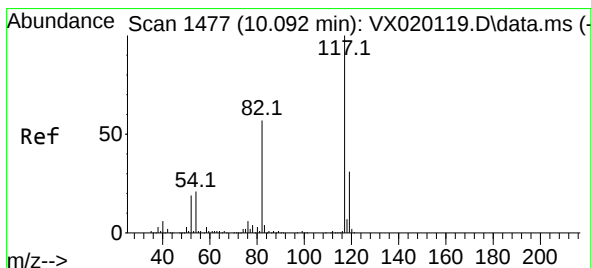
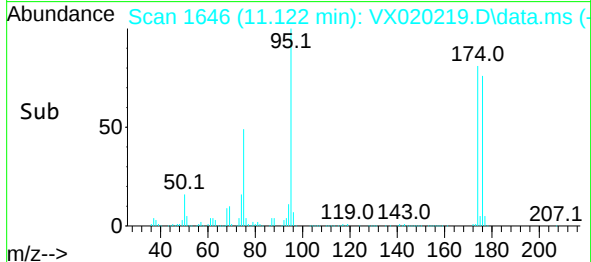
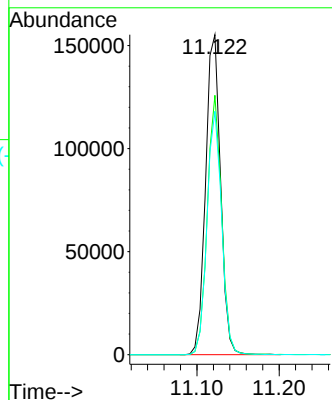
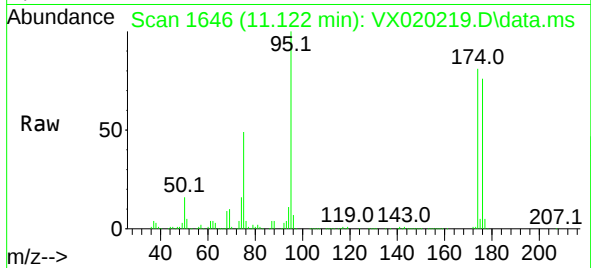




#62
4-Bromofluorobenzene
Concen: 44.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

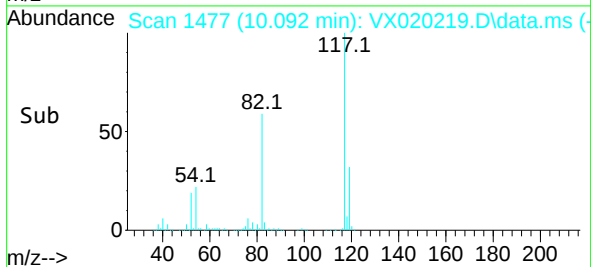
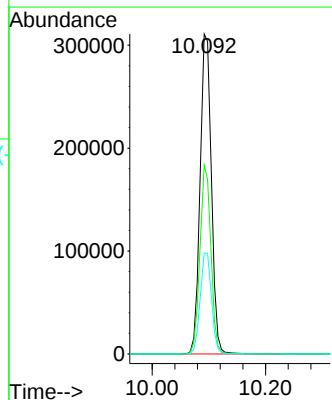
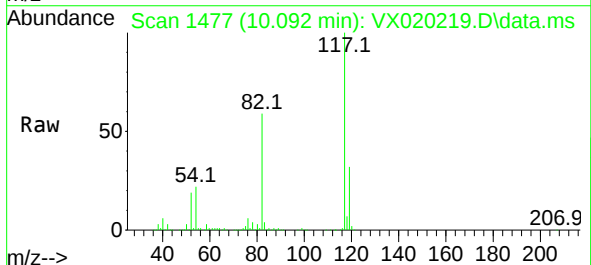
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL03

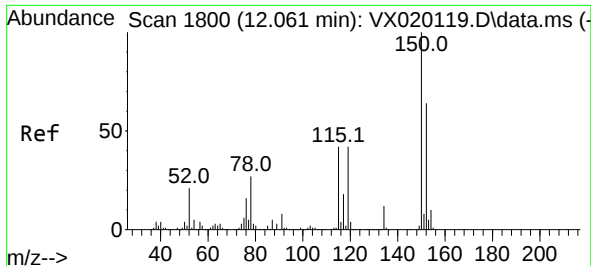
Tgt Ion: 95 Resp: 196393
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 74.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

Tgt Ion: 117 Resp: 429149
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.5 26.6 39.8

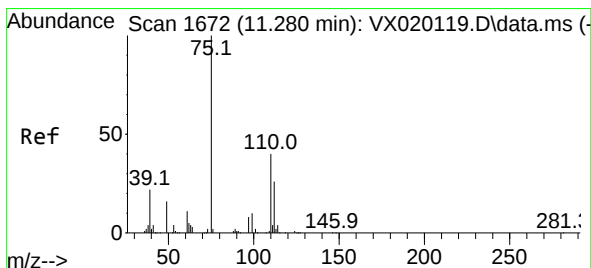
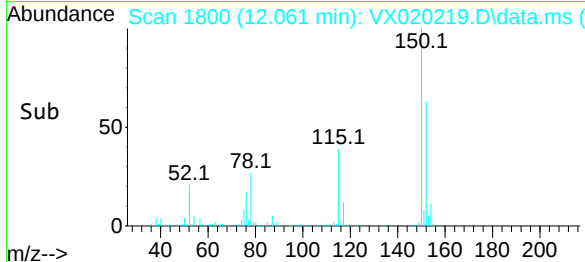
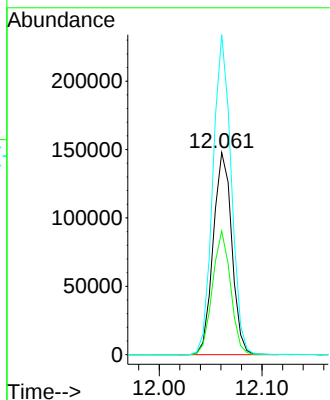
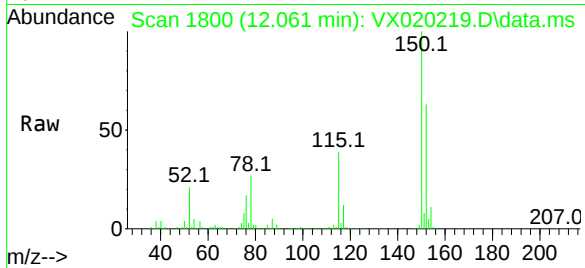




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

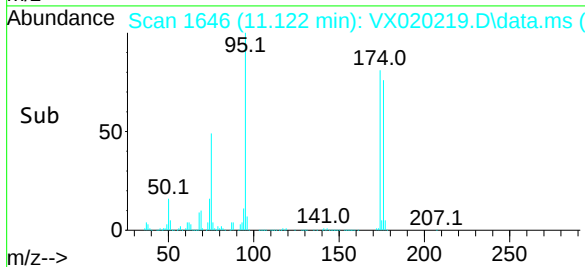
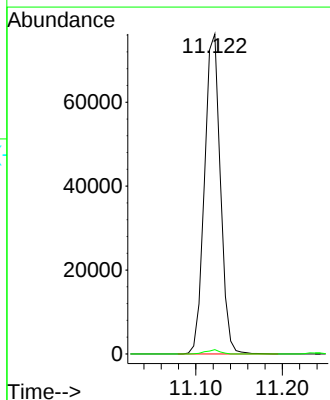
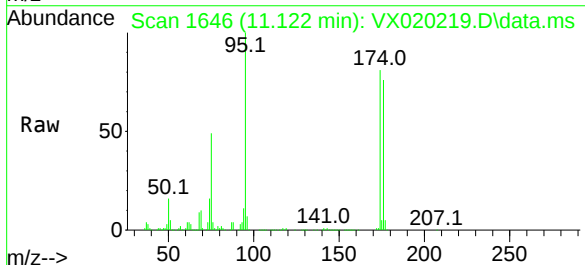
Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL03

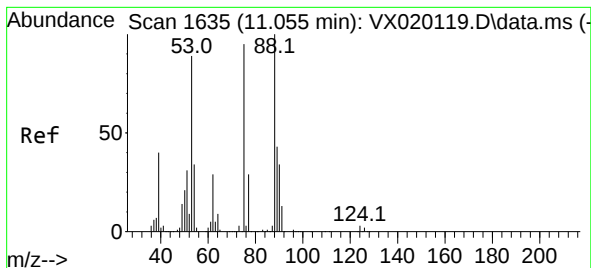
Tgt Ion:152 Resp: 184940
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 156.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.29 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

Tgt Ion: 75 Resp: 96984
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

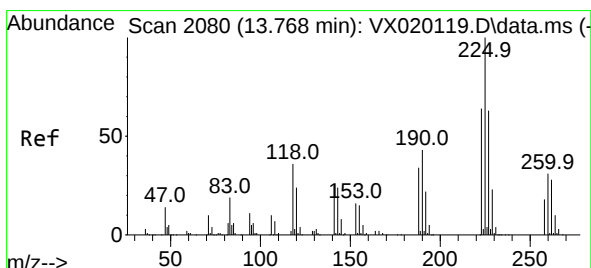
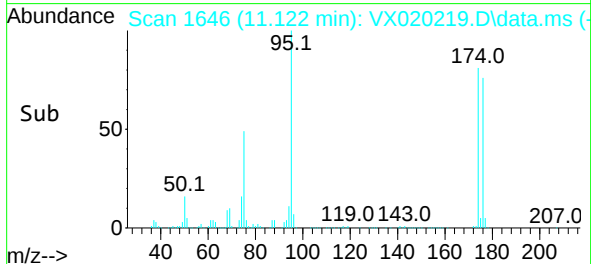
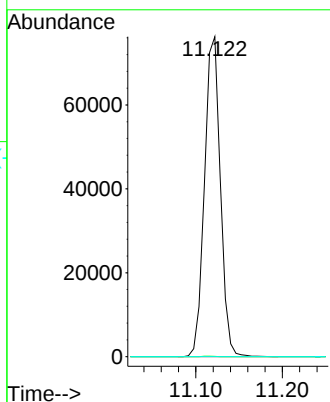
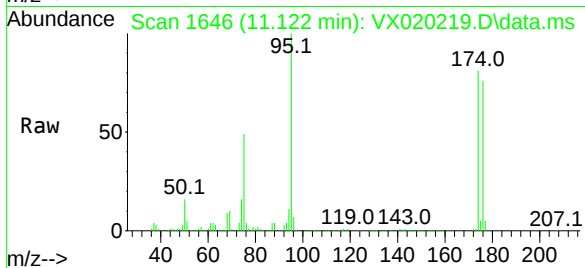




#81
trans-1,4-Dichloro-2-butene
Concen: 63.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1219WBL03

Tgt Ion: 75 Resp: 96984
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.78 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020219.D
Acq: 20 Dec 2020 11:21

Tgt Ion: 225 Resp: 244
Ion Ratio Lower Upper
225 100
223 59.8 31.1 93.2
227 53.3 31.6 95.0

