

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020238.D
 Acq On : 21 Dec 2020 10:26
 Operator : JC/MD
 Sample : VX1221WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:29:37 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)

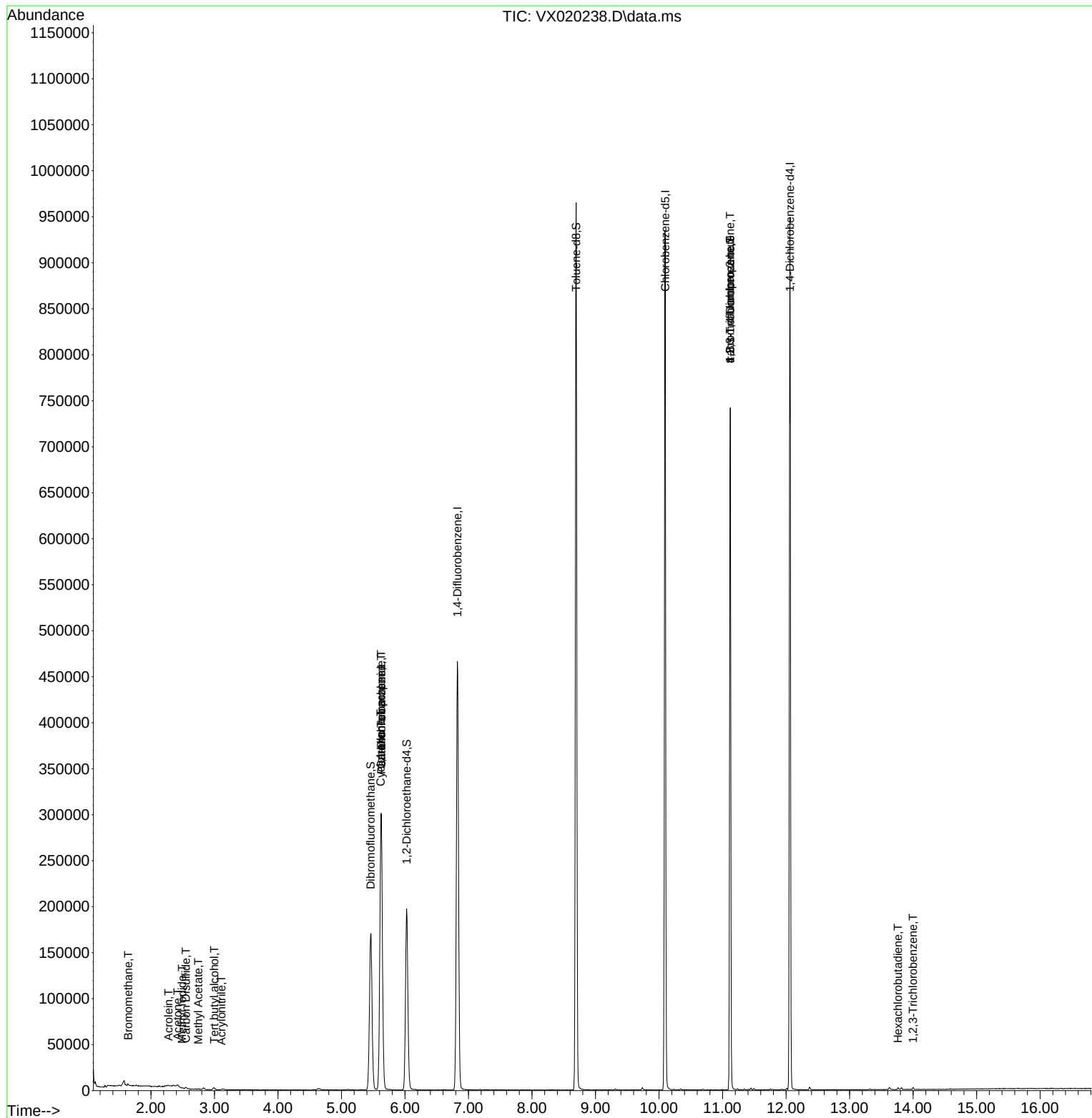
Internal Standards						
1) Pentafluorobenzene	5.629	168	286940	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.824	114	478380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	440422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	193393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	185963	48.35	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.70%		
35) Dibromofluoromethane	5.458	113	150442	49.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.32%		
50) Toluene-d8	8.695	98	582444	49.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.90%		
62) 4-Bromofluorobenzene	11.122	95	205044	45.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.96%		
Target Compounds					Qvalue	
5) Bromomethane	1.642	94	997	0.79	ug/l	95
10) Methyl Iodide	2.489	142	1010	3.53	ug/l #	95
11) Tert butyl alcohol	2.995	59	1356	1.57	ug/l #	73
13) Acrolein	2.276	56	290	0.54	ug/l #	1
15) Acrylonitrile	3.111	53	484	0.24	ug/l #	83
16) Acetone	2.416	43	1348	0.77	ug/l	94
17) Carbon Disulfide	2.550	76	2067	0.24	ug/l #	88
18) Methyl Acetate	2.745	43	783	0.20	ug/l	92
31) Cyclohexane	5.616	56	5754	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22074	4.67	ug/l #	49
38) Carbon Tetrachloride	5.623	117	28548	6.35	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	100001	20.99	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	100001	62.28	ug/l #	12
94) Hexachlorobutadiene	13.761	225	440	2.88	ug/l	90
96) 1,2,3-Trichlorobenzene	13.999	180	886	0.21	ug/l	86

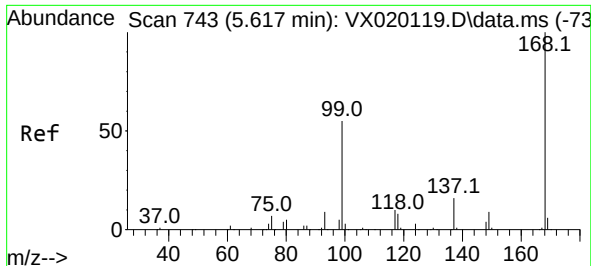
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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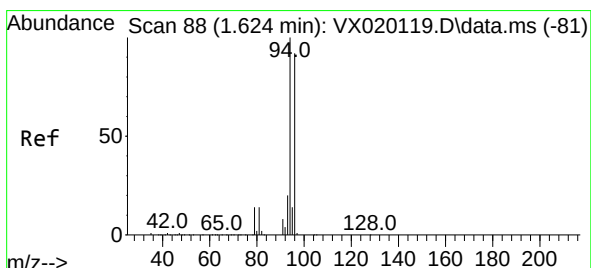
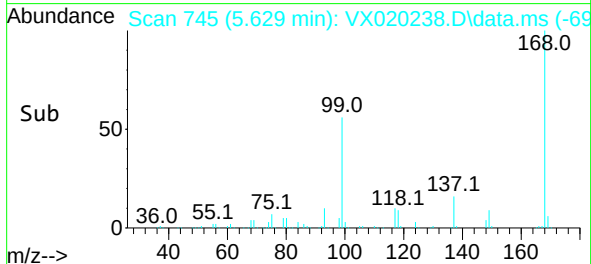
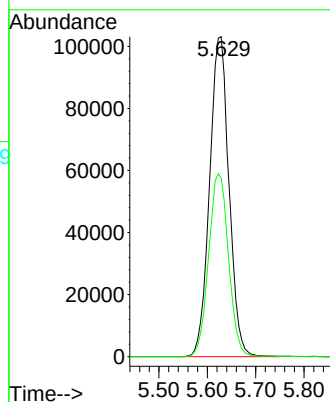
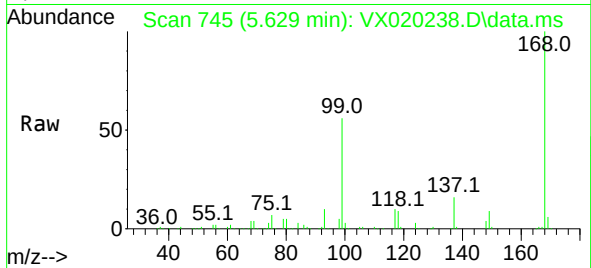




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

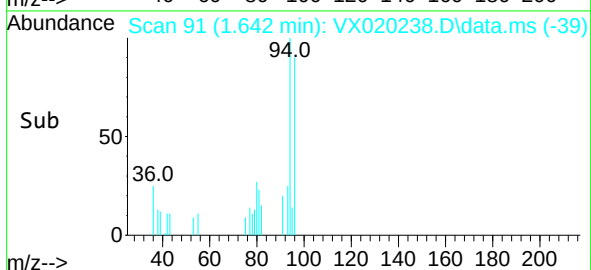
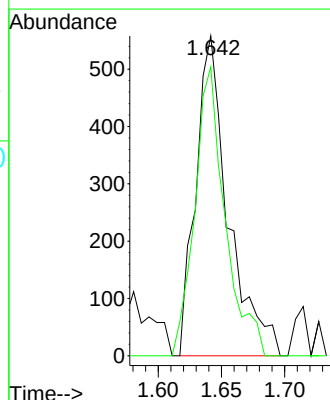
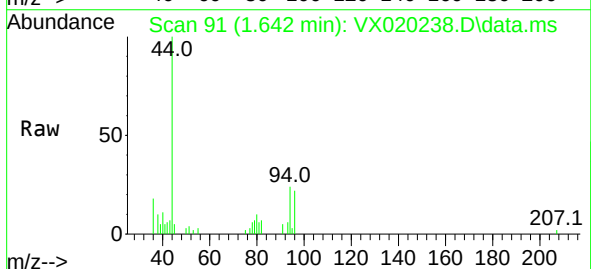
Instrument :
MSVOA_X
ClientSampled :

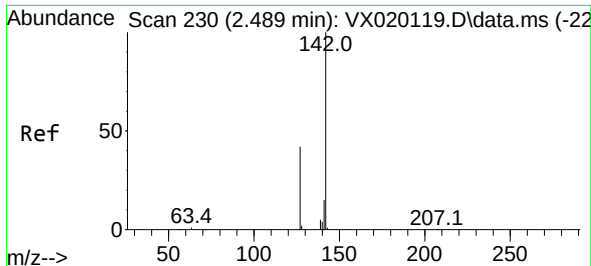
Tgt Ion:168 Resp: 286940
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#5
Bromomethane
Concen: 0.79 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

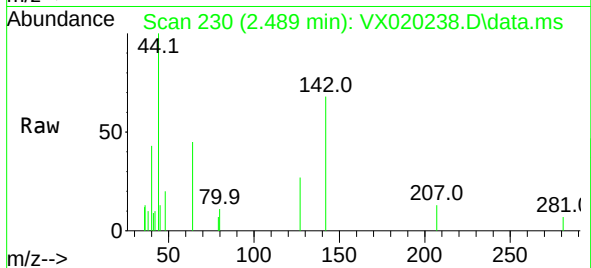
Tgt Ion: 94 Resp: 997
Ion Ratio Lower Upper
94 100
96 90.3 76.4 114.6



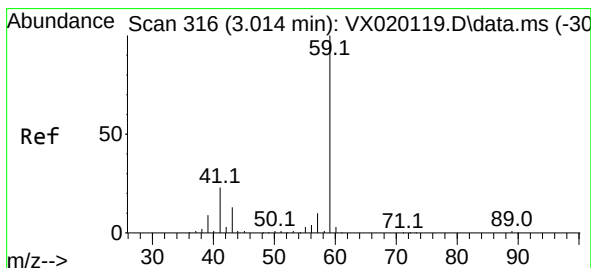
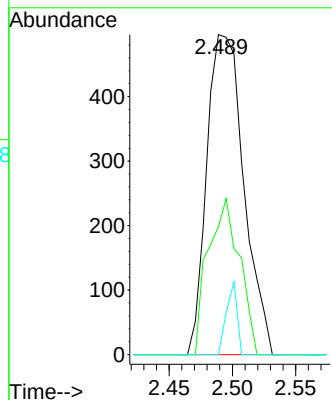
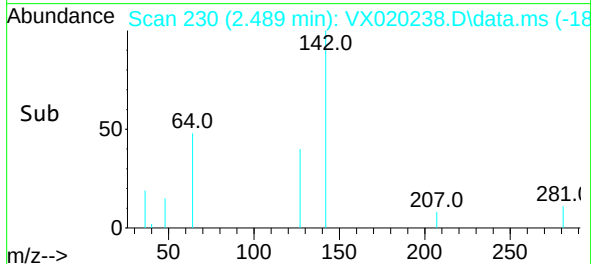


#10
Methyl Iodide
Concen: 3.53 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.000 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

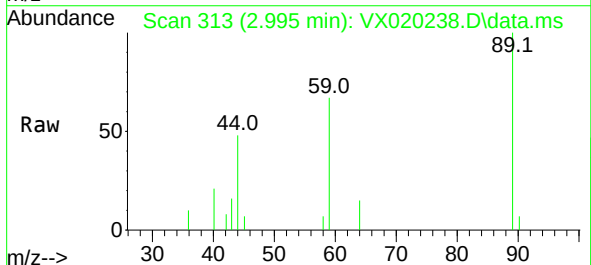
Instrument :
MSVOA_X
ClientSampleId :



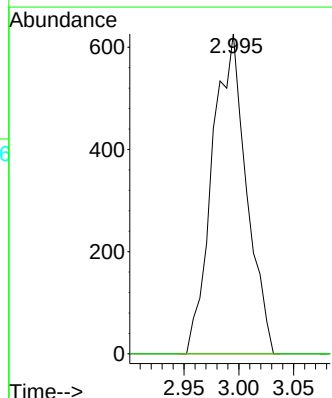
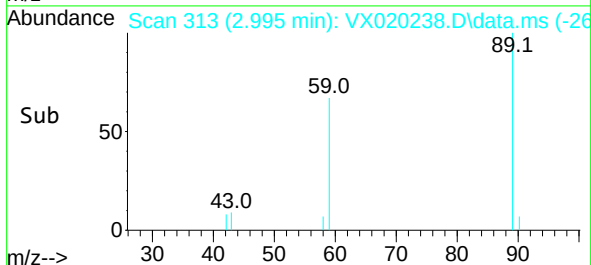
Tgt Ion:142 Resp: 1010
Ion Ratio Lower Upper
142 100
127 41.3 33.3 49.9
141 6.4 11.4 17.0#

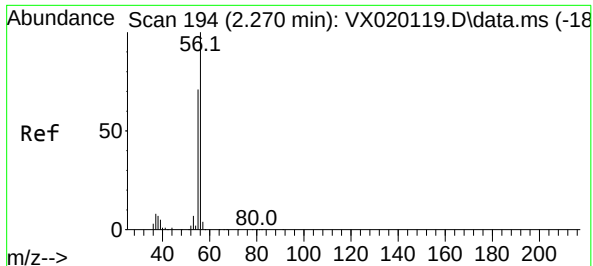


#11
Tert butyl alcohol
Concen: 1.57 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26



Tgt Ion: 59 Resp: 1356
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

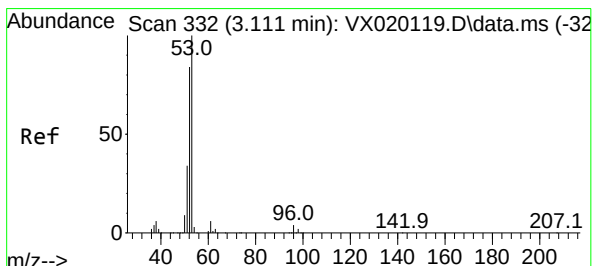
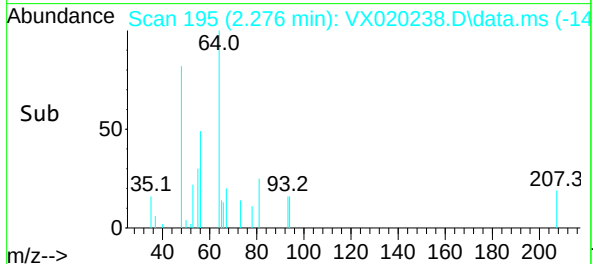
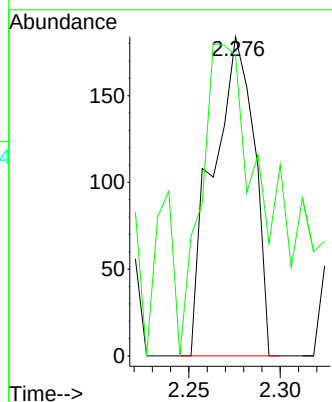
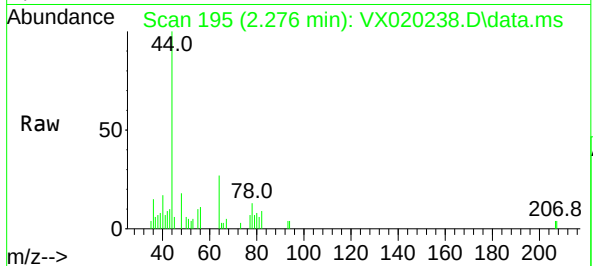




#13
Acrolein
Concen: 0.54 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.006 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

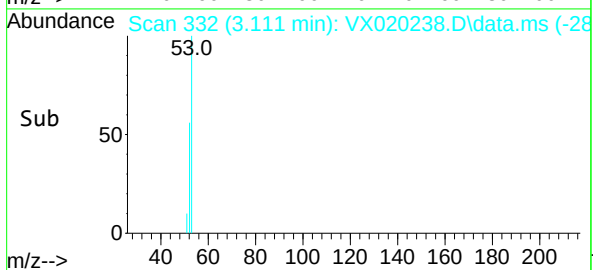
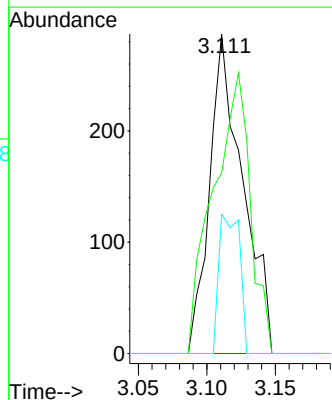
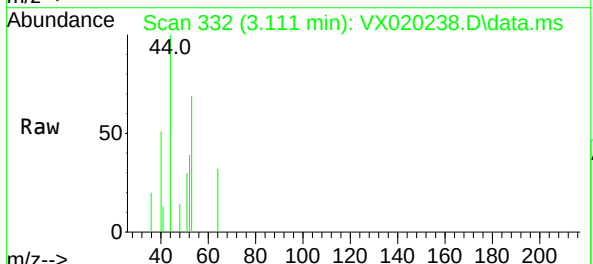
Instrument :
MSVOA_X
ClientSampled :

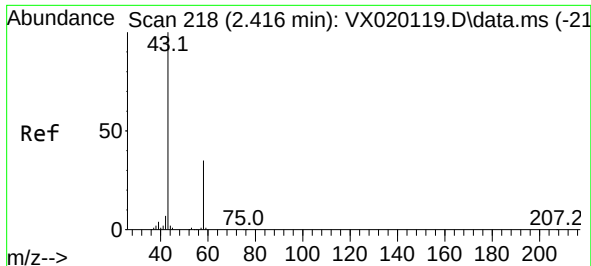
Tgt Ion: 56 Resp: 290
Ion Ratio Lower Upper
56 100
55 169.3 56.4 84.6#



#15
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

Tgt Ion: 53 Resp: 484
Ion Ratio Lower Upper
53 100
52 97.9 65.3 97.9#
51 27.1 28.2 42.2#

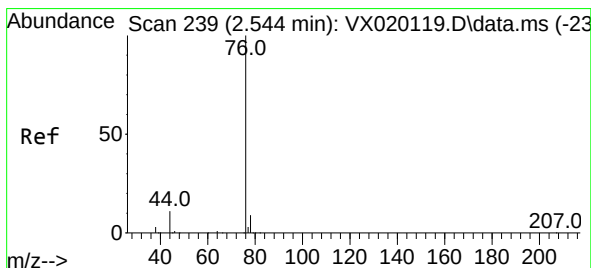
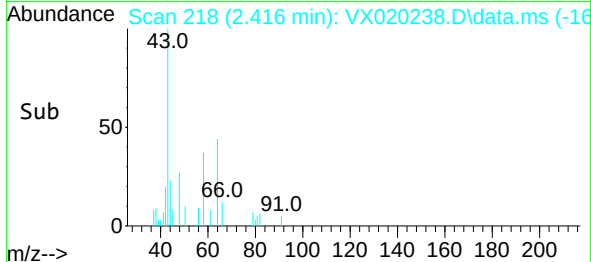
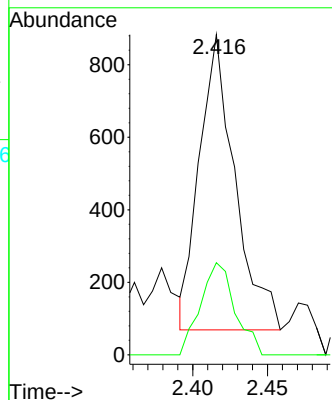
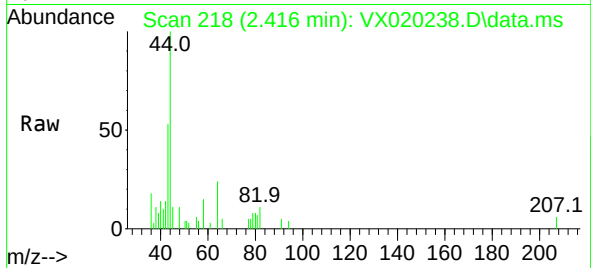




#16
Acetone
Concen: 0.77 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

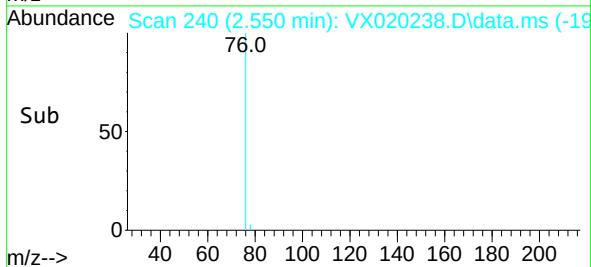
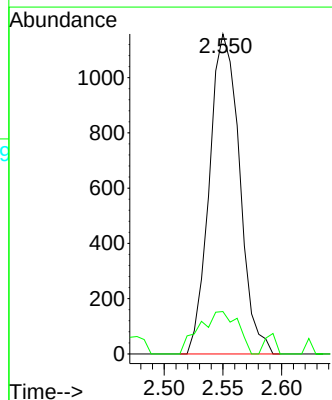
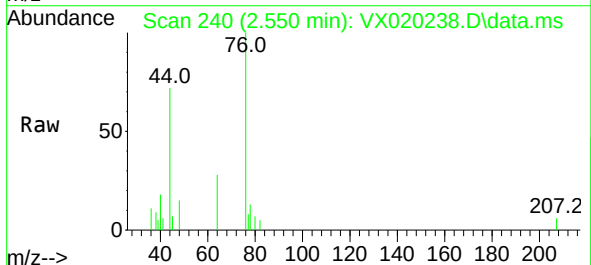
Instrument :
MSVOA_X
ClientSampled :

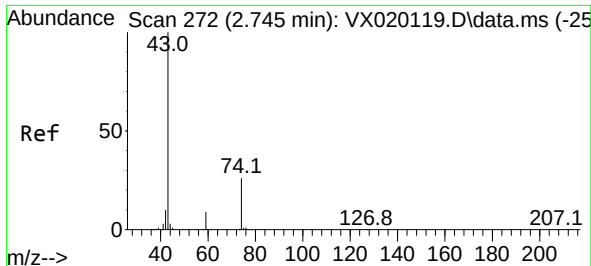
Tgt Ion: 43 Resp: 1348
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

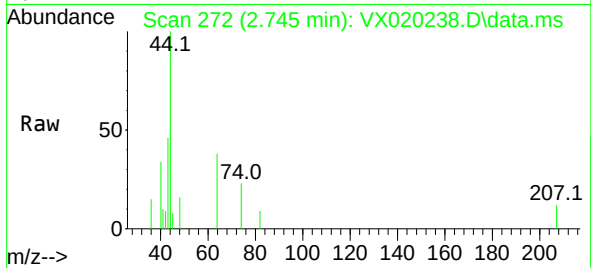
Tgt Ion: 76 Resp: 2067
Ion Ratio Lower Upper
76 100
78 13.2 7.2 10.8#



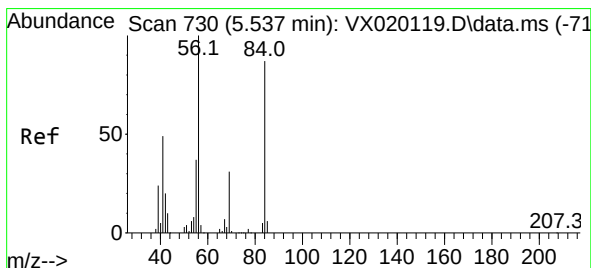
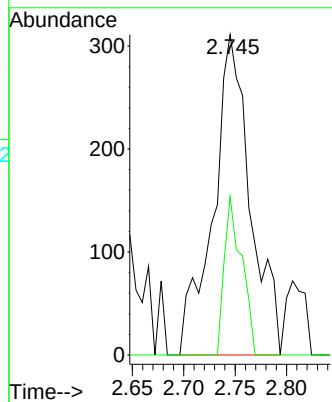
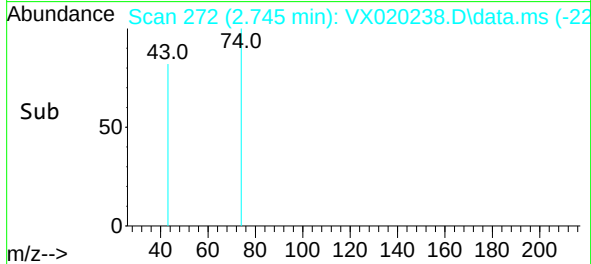


#18
Methyl Acetate
Concen: 0.20 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

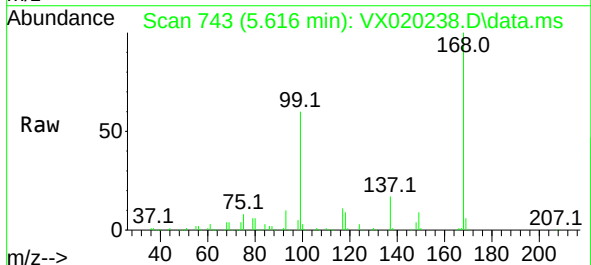
Instrument :
MSVOA_X
ClientSampled :



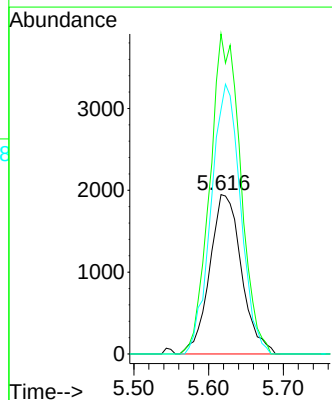
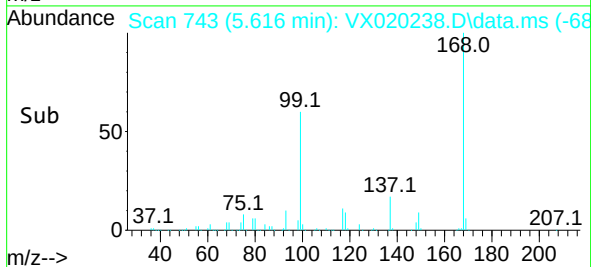
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
74 23.0 21.9 32.9

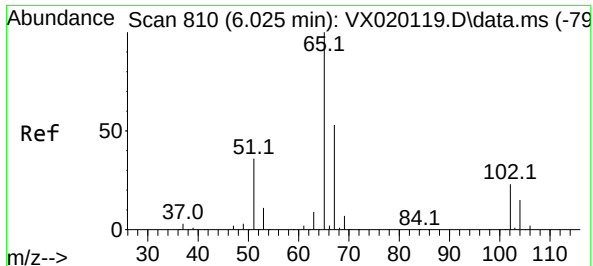


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.616 min Scan# 743
Delta R.T. 0.079 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26



Tgt Ion: 56 Resp: 5754
Ion Ratio Lower Upper
56 100
69 200.8 25.3 37.9#
84 153.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.35 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX020238.D

Acq: 21 Dec 2020 10:26

Tgt Ion: 65 Resp: 185963

Ion Ratio Lower Upper

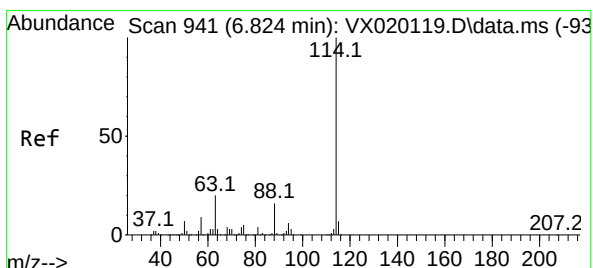
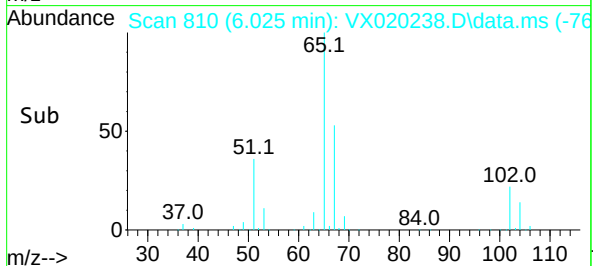
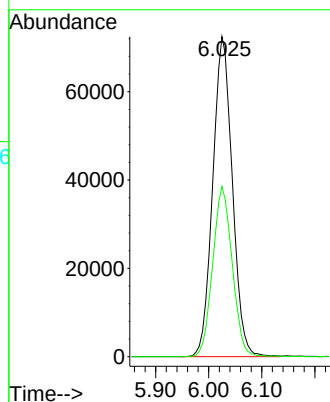
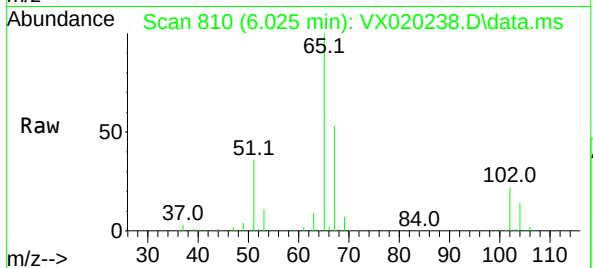
65 100

67 53.0 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.000 min

Lab File: VX020238.D

Acq: 21 Dec 2020 10:26

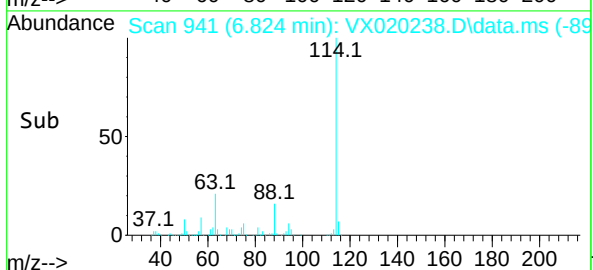
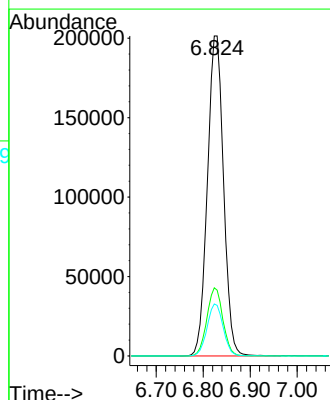
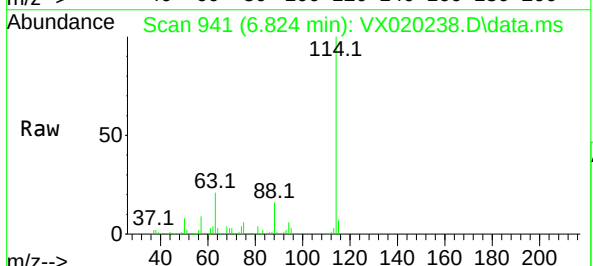
Tgt Ion: 114 Resp: 478380

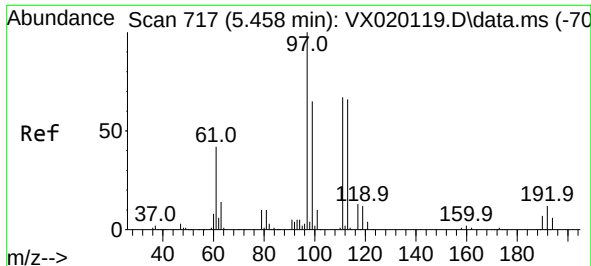
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 16.3 0.0 32.8

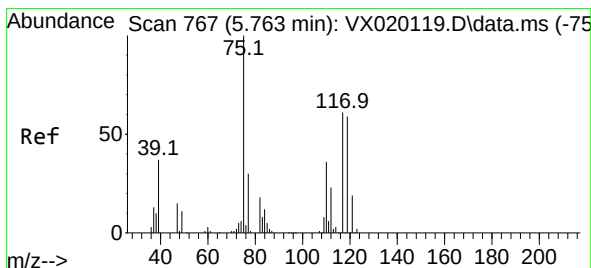
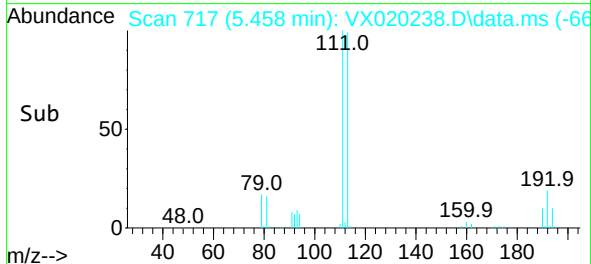
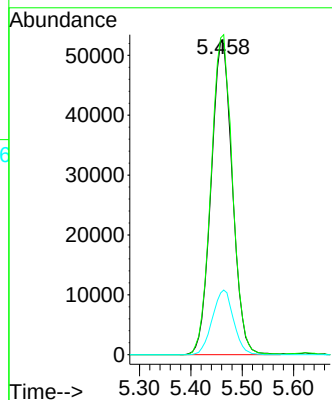
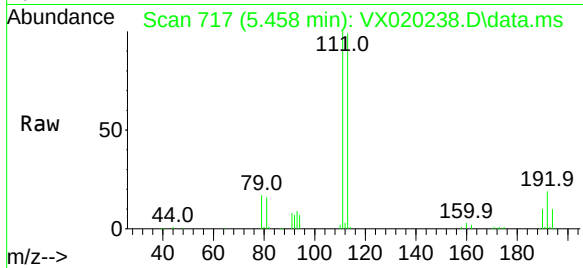




#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

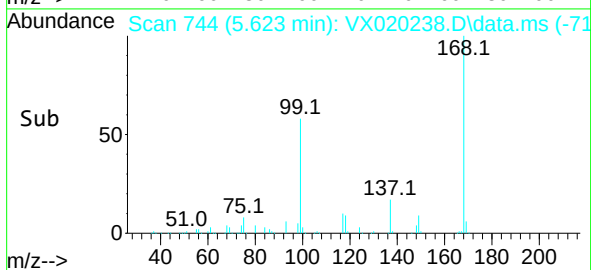
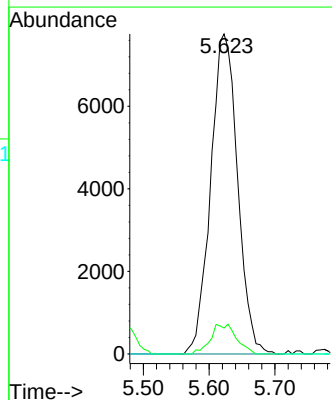
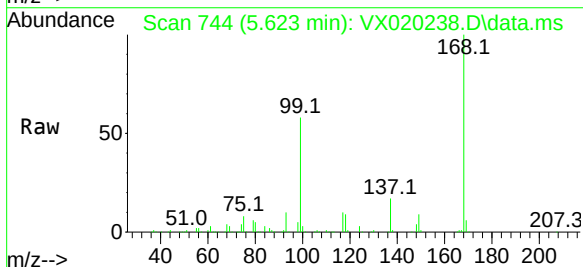
Instrument :
MSVOA_X
ClientSampleId :

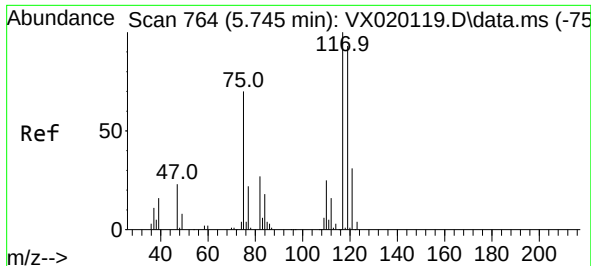
Tgt Ion:113 Resp: 150442
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

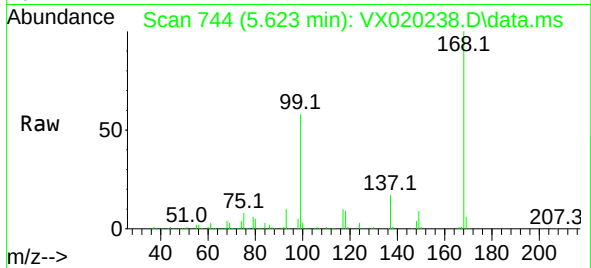
Tgt Ion: 75 Resp: 22074
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



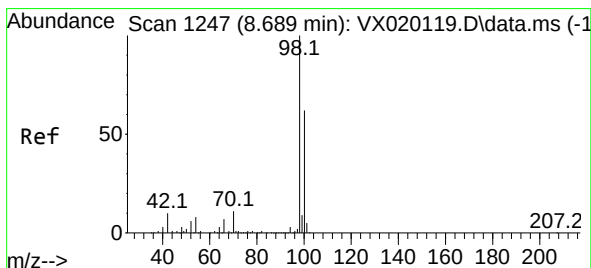
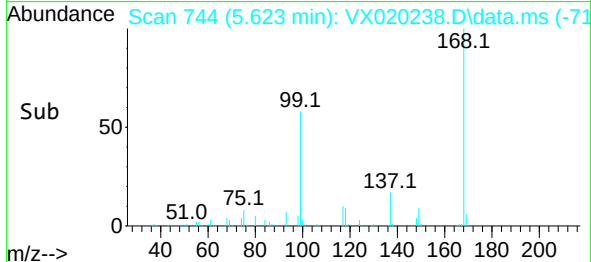
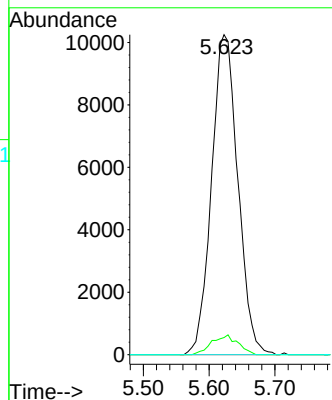


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :

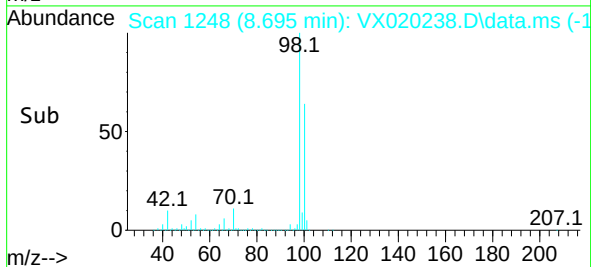
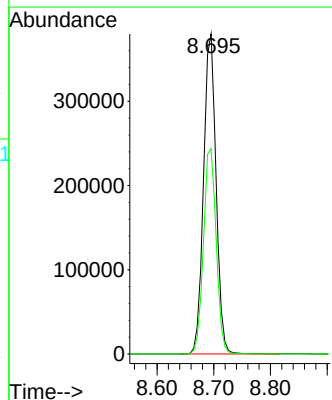
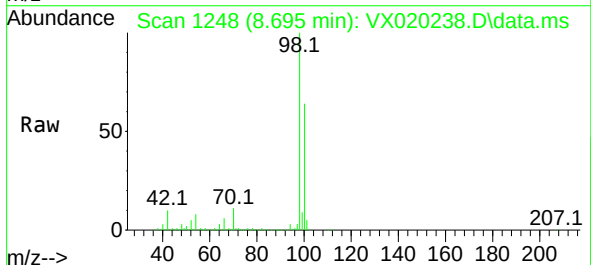


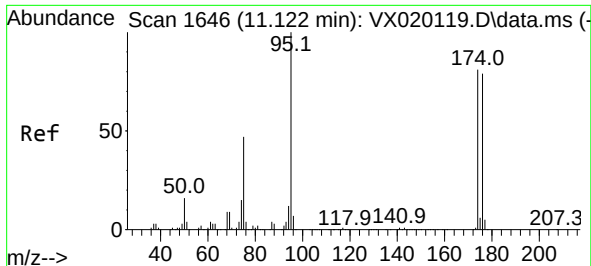
Tgt Ion:117 Resp: 28548
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.45 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

Tgt Ion: 98 Resp: 582444
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

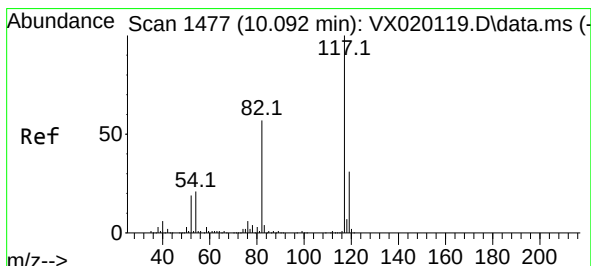
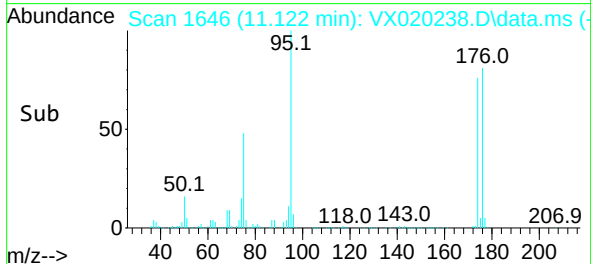
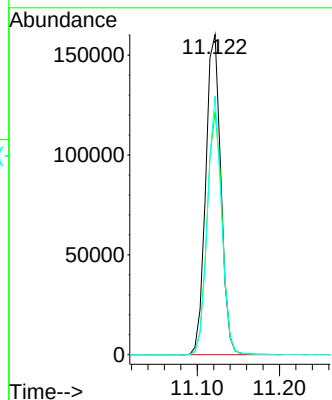
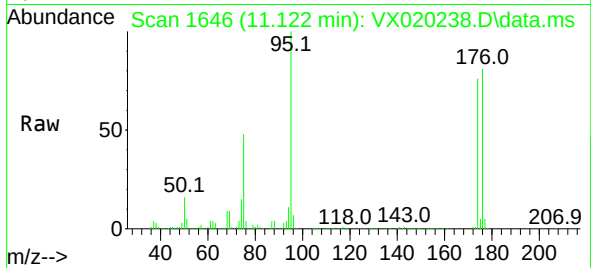




#62
4-Bromofluorobenzene
Concen: 45.48 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

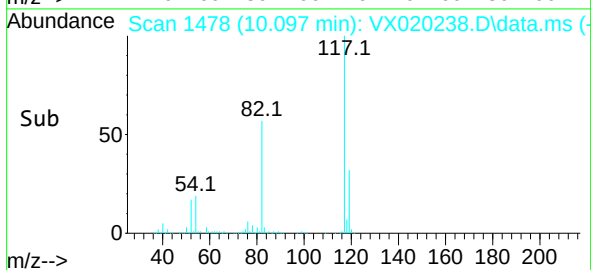
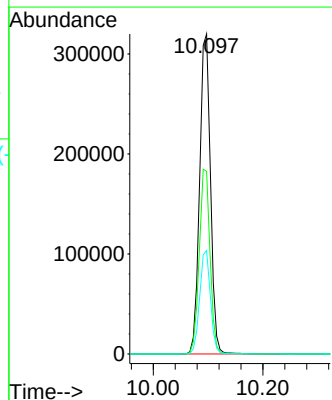
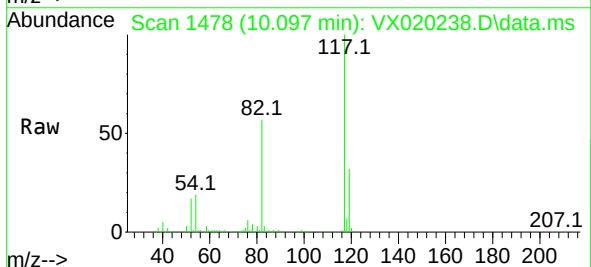
Instrument :
MSVOA_X
ClientSampleId :

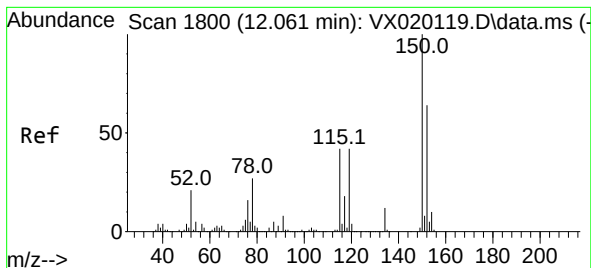
Tgt Ion: 95 Resp: 205044
Ion Ratio Lower Upper
95 100
174 75.6 0.0 154.6
176 75.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

Tgt Ion: 117 Resp: 440422
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.3 26.6 39.8

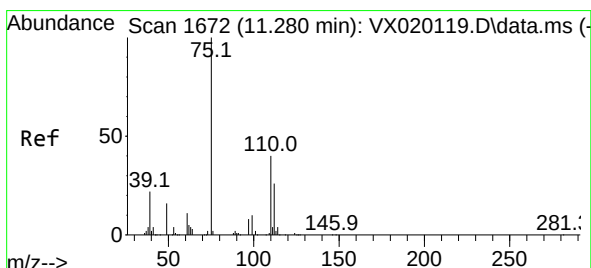
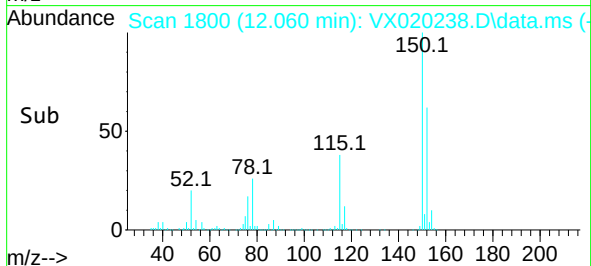
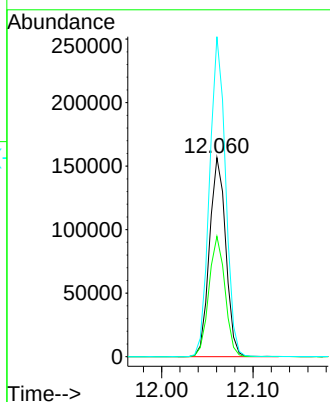
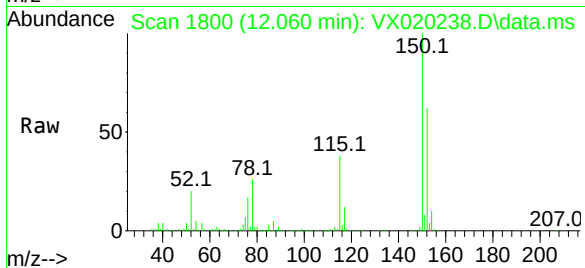




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

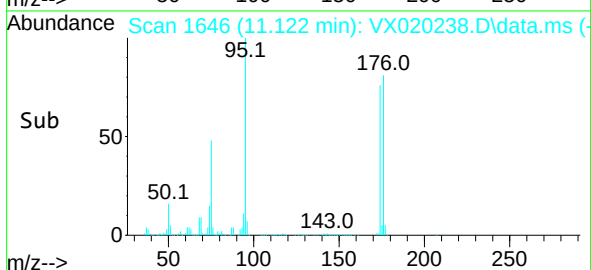
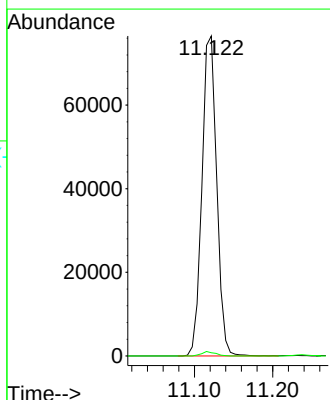
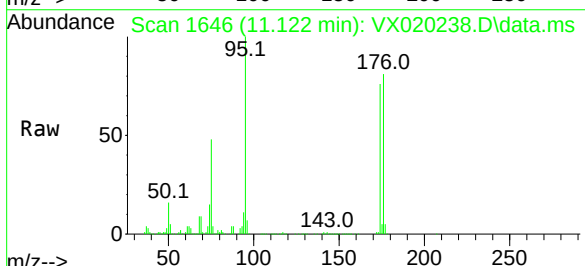
Instrument :
MSVOA_X
ClientSampled :

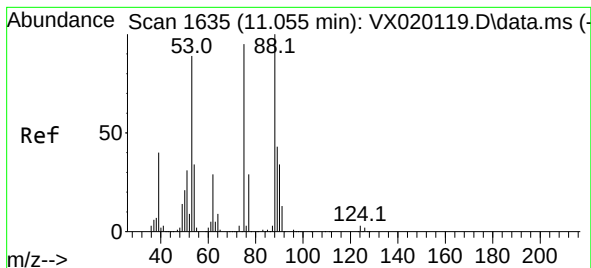
Tgt Ion:152 Resp: 193393
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 158.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.99 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

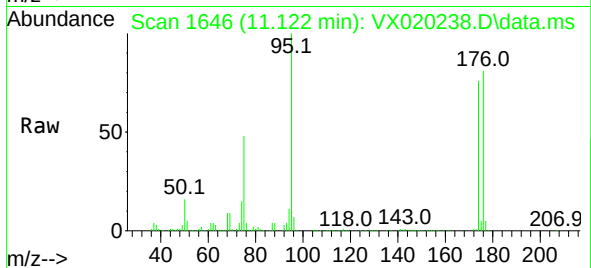
Tgt Ion: 75 Resp: 100001
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



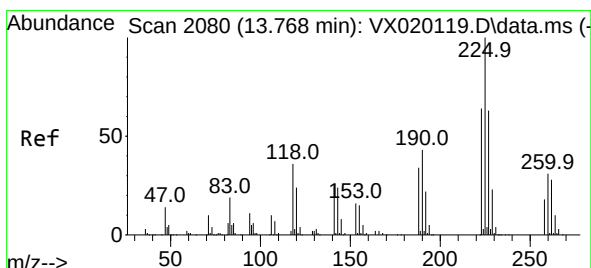
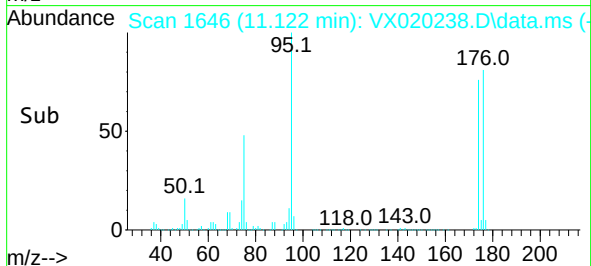
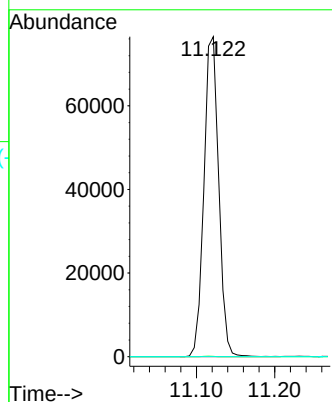


#81
trans-1,4-Dichloro-2-butene
Concen: 62.28 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

Instrument :
MSVOA_X
ClientSampleId :

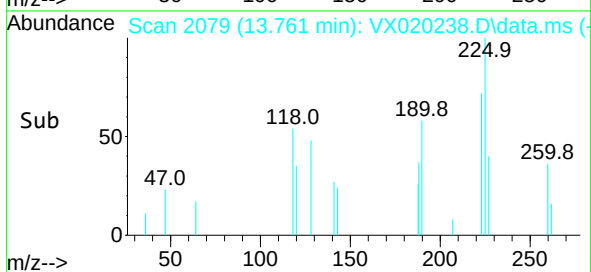
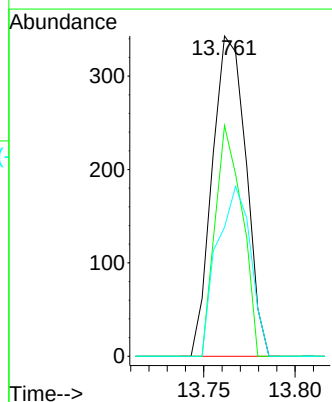
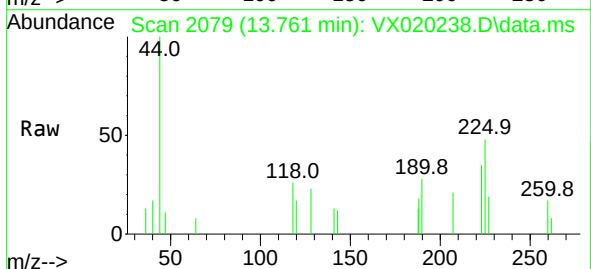


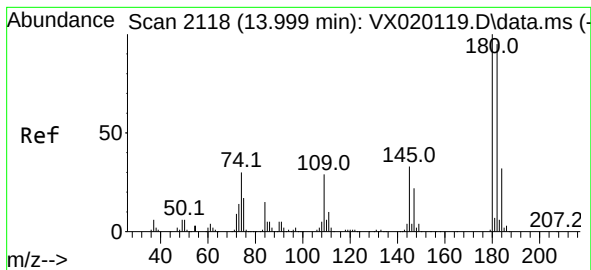
Tgt Ion: 75 Resp: 100001
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.88 ug/l
RT: 13.761 min Scan# 2079
Delta R.T. -0.007 min
Lab File: VX020238.D
Acq: 21 Dec 2020 10:26

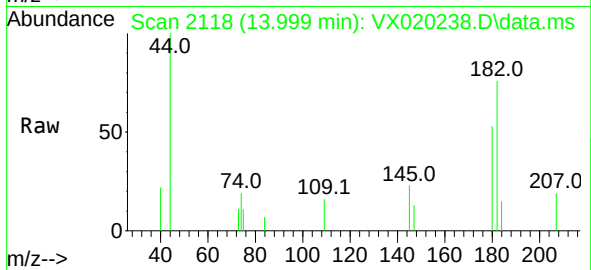
Tgt Ion: 225 Resp: 440
Ion Ratio Lower Upper
225 100
223 57.7 31.1 93.2
227 52.5 31.6 95.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.999 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VX020238.D
 Acq: 21 Dec 2020 10:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 886
 Ion Ratio Lower Upper
 180 100
 182 79.5 47.6 142.9
 145 28.6 16.1 48.3

