

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020358.D
 Acq On : 23 Dec 2020 23:41
 Operator : JC/MD
 Sample : L5095-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-TB-121420

Quant Time: Dec 24 05:33:55 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)

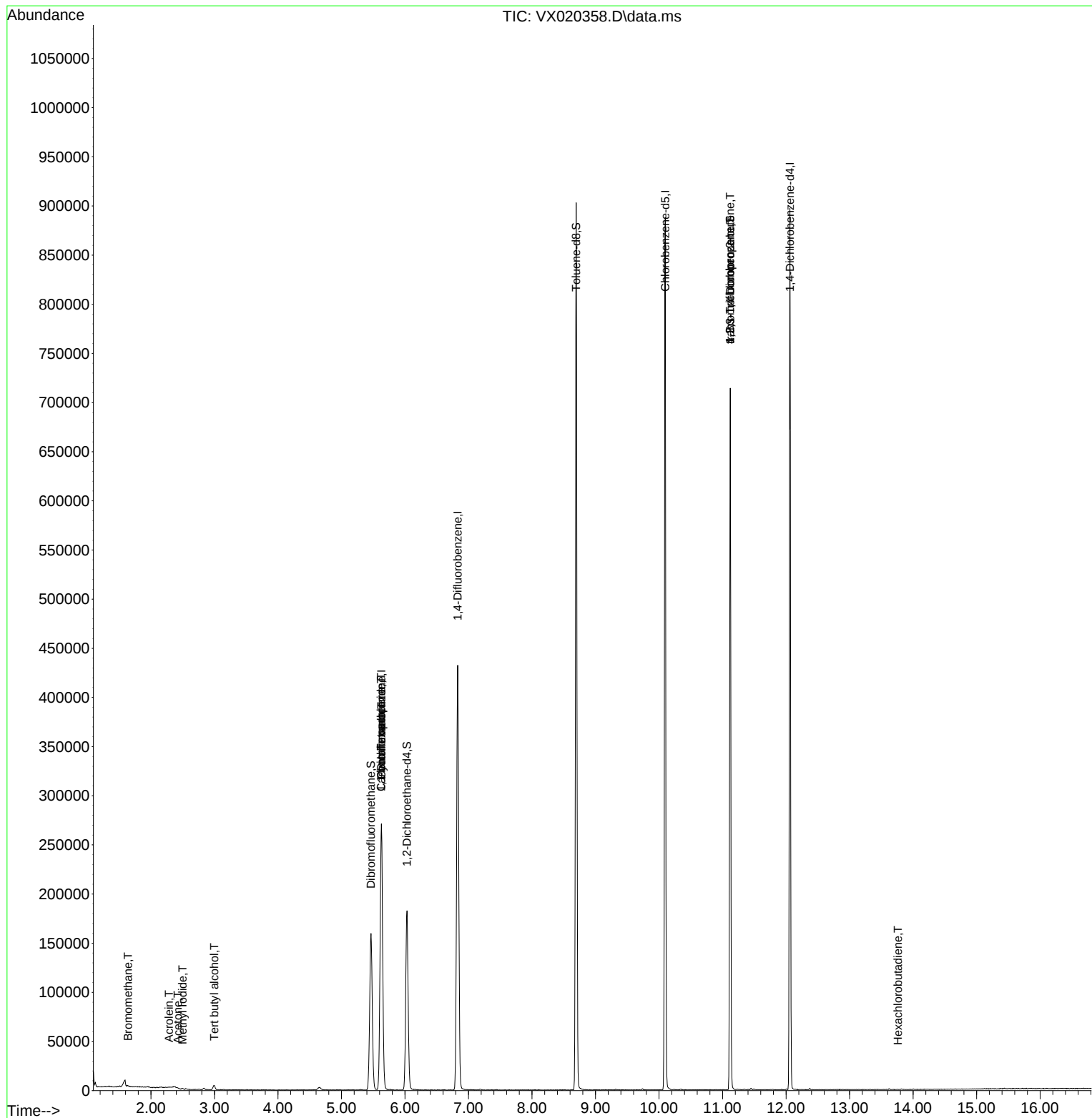
Internal Standards						
1) Pentafluorobenzene	5.629	168	254786	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	434538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	406346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	180246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	172461	50.50	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.00%	
35) Dibromofluoromethane	5.464	113	138829	49.94	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	99.88%	
50) Toluene-d8	8.695	98	532444	49.76	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.122	95	193499	47.25	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	94.50%	
Target Compounds						
						Qvalue
5) Bromomethane	1.635	94	618	0.55	ug/l	96
10) Methyl Iodide	2.495	142	943	3.54	ug/l #	94
11) Tert butyl alcohol	2.995	59	2790	3.65	ug/l #	73
13) Acrolein	2.282	56	149	0.31	ug/l #	63
16) Acetone	2.422	43	1226	0.79	ug/l	96
31) Cyclohexane	5.629	56	5349	1.14	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20419	4.75	ug/l #	48
38) Carbon Tetrachloride	5.623	117	25470	6.24	ug/l #	18
76) 1,2,3-Trichloropropane	11.122	75	93715	21.11	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	93715	62.62	ug/l #	12
94) Hexachlorobutadiene	13.761	225	80	2.69	ug/l #	56

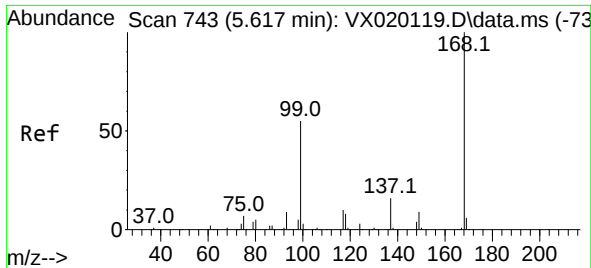
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
Data File : VX020358.D
Acq On : 23 Dec 2020 23:41
Operator : JC/MD
Sample : L5095-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

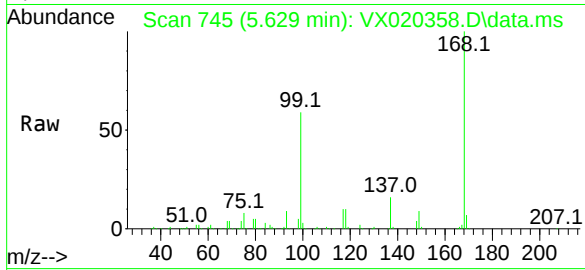
Quant Time: Dec 24 05:33:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



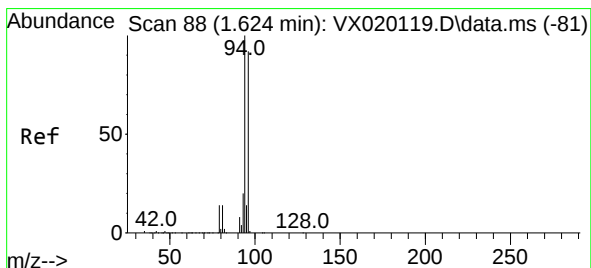
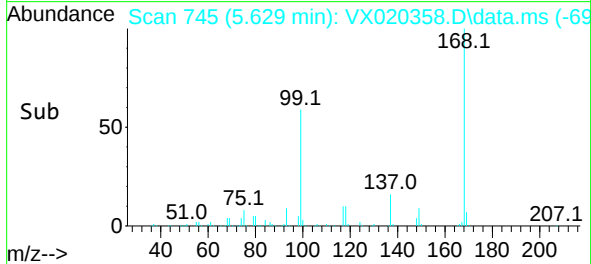
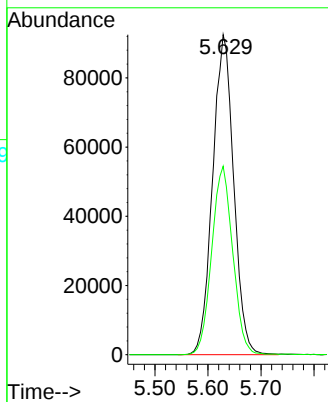


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

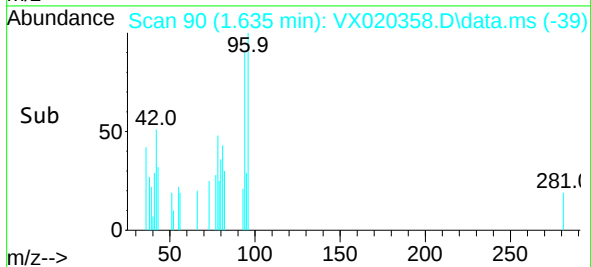
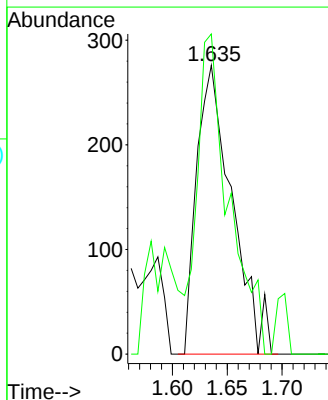
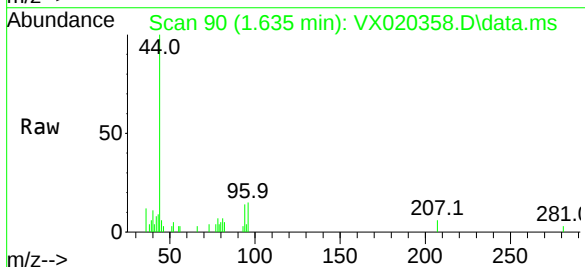


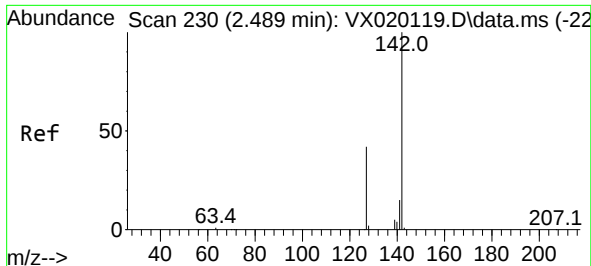
Tgt Ion:168 Resp: 254786
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.635 min Scan# 90
Delta R.T. 0.011 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

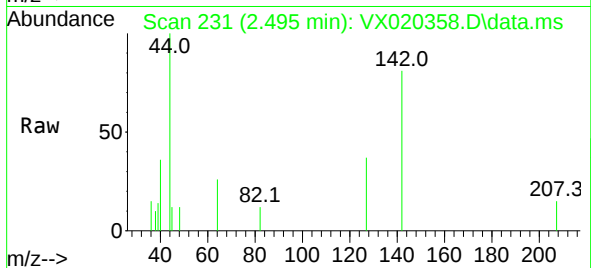
Tgt Ion: 94 Resp: 618
Ion Ratio Lower Upper
94 100
96 91.7 76.4 114.6



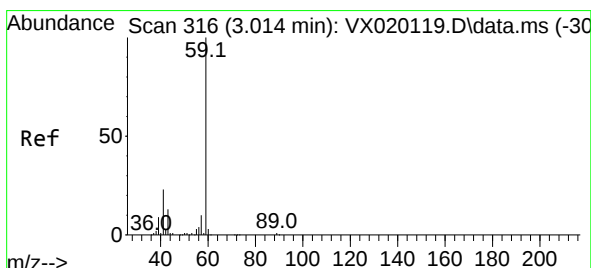
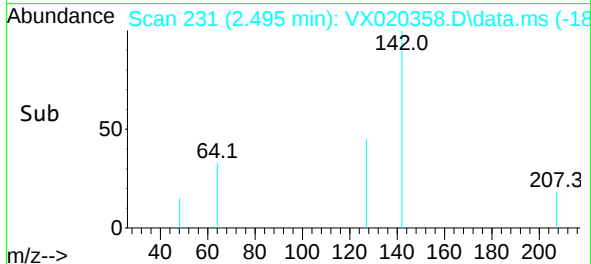
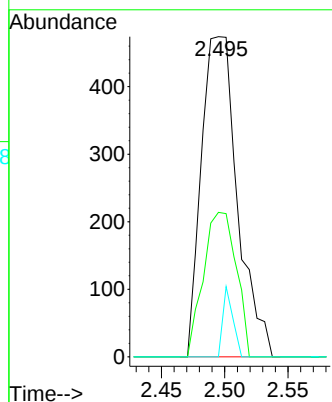


#10
Methyl Iodide
Concen: 3.54 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

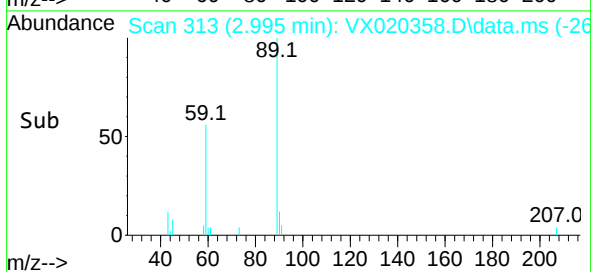
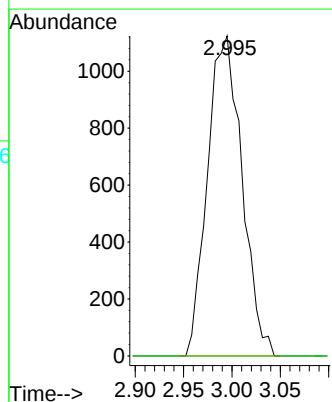
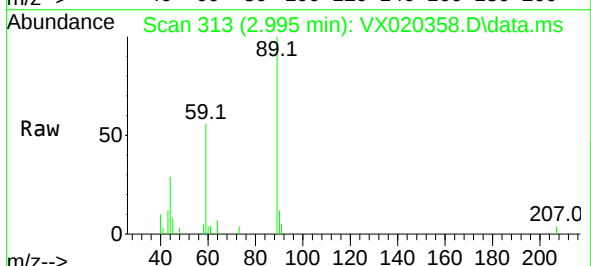


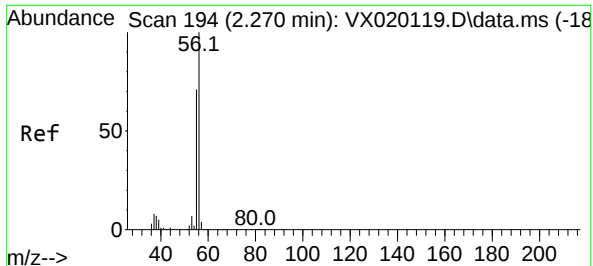
Tgt Ion:142 Resp: 943
Ion Ratio Lower Upper
142 100
127 40.8 33.3 49.9
141 5.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.65 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

Tgt Ion: 59 Resp: 2790
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

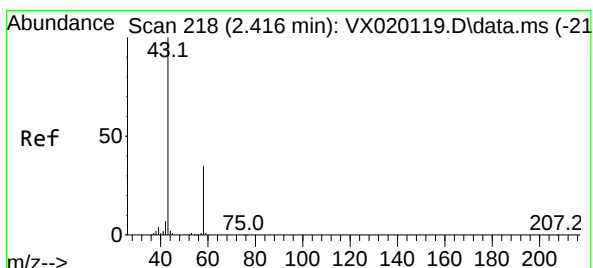
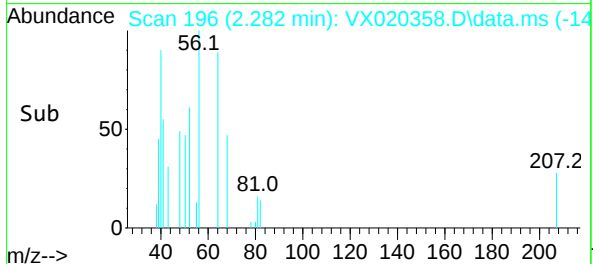
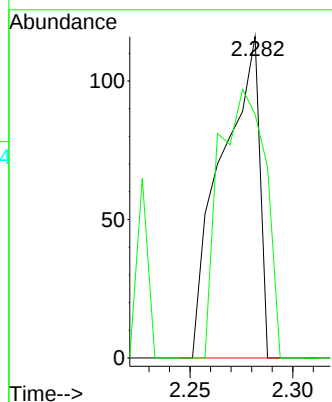
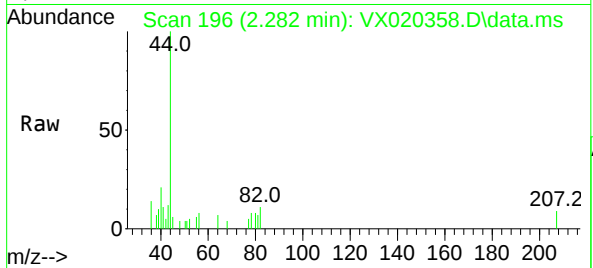




#13
Acrolein
Concen: 0.31 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

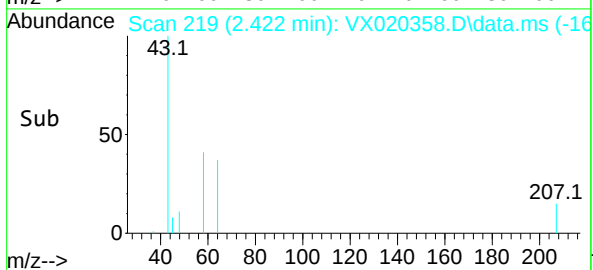
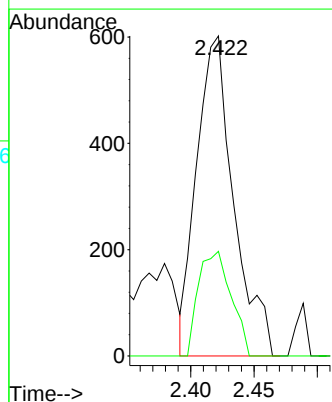
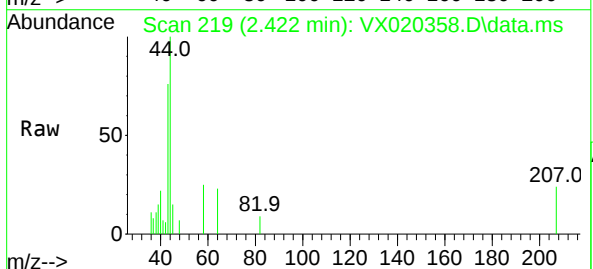
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

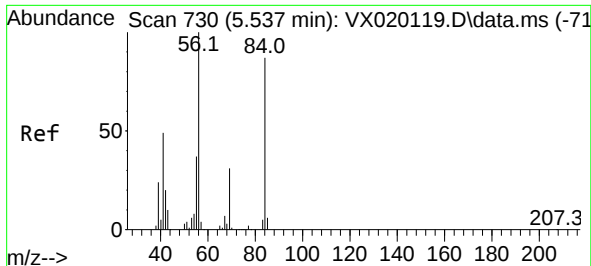
Tgt Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 101.3 56.4 84.6#



#16
Acetone
Concen: 0.79 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

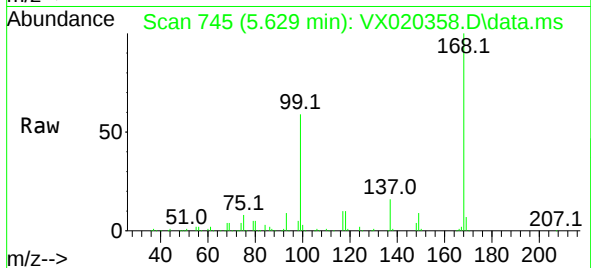
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8



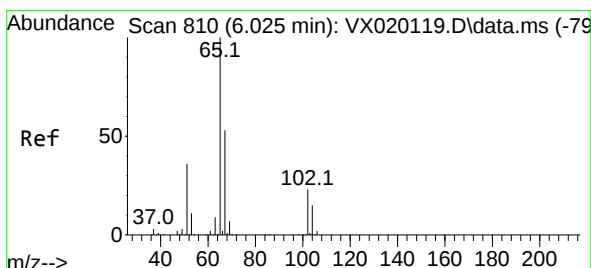
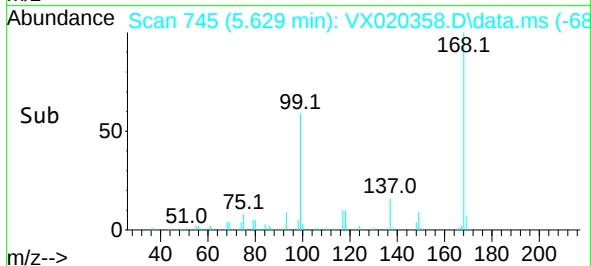
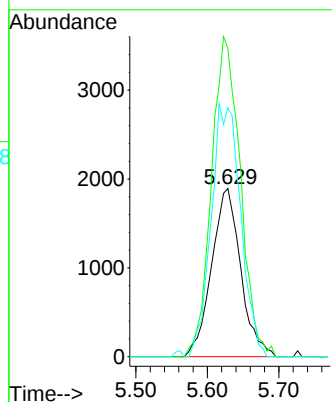


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

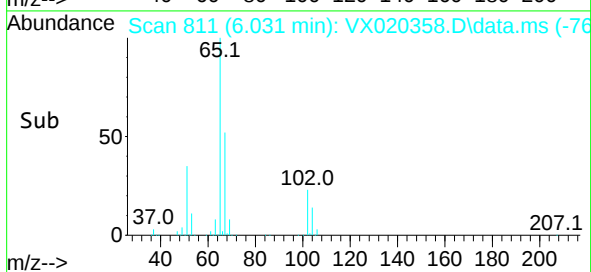
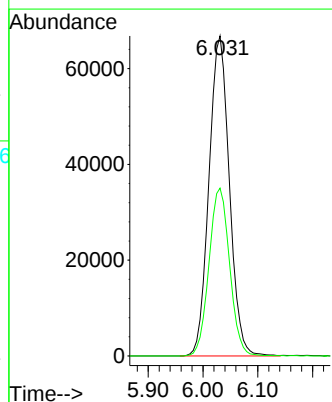
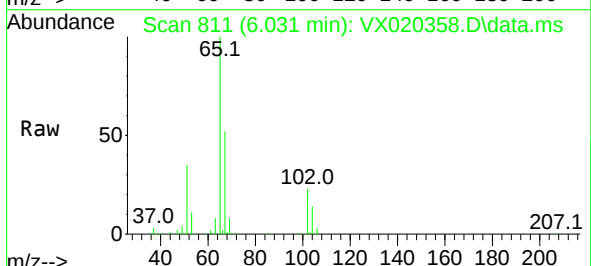


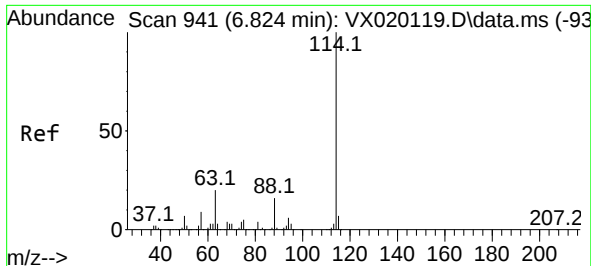
Tgt Ion: 56 Resp: 5349
Ion Ratio Lower Upper
56 100
69 183.4 25.3 37.9#
84 148.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.50 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

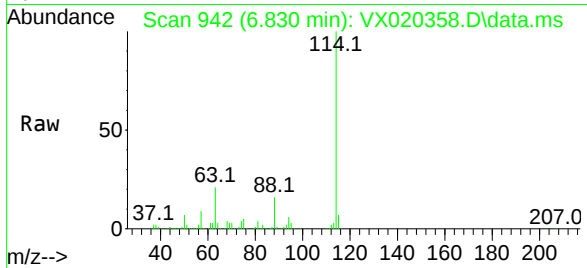
Tgt Ion: 65 Resp: 172461
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



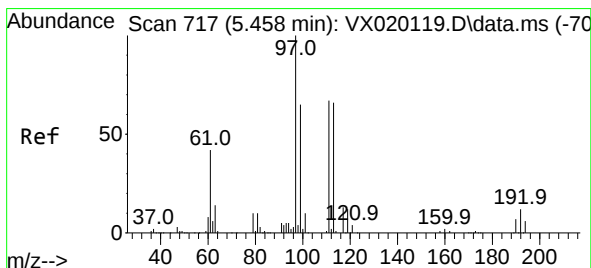
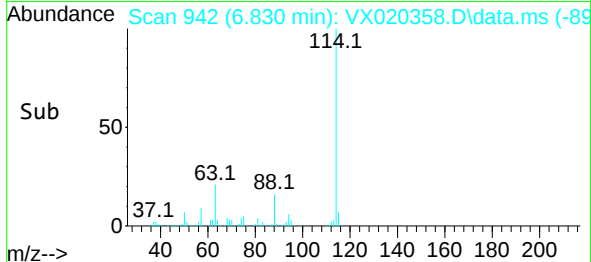
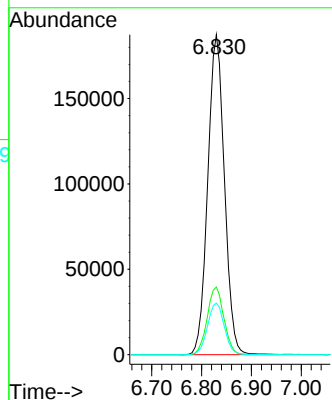


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

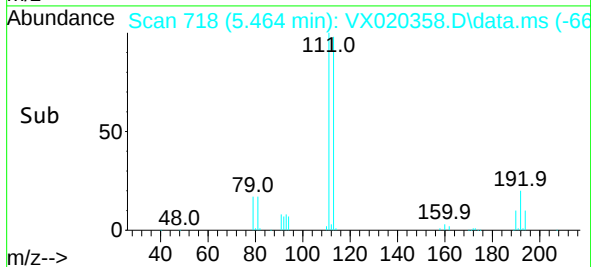
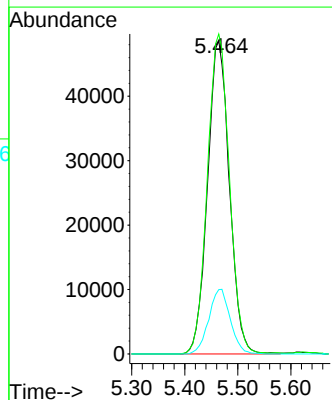
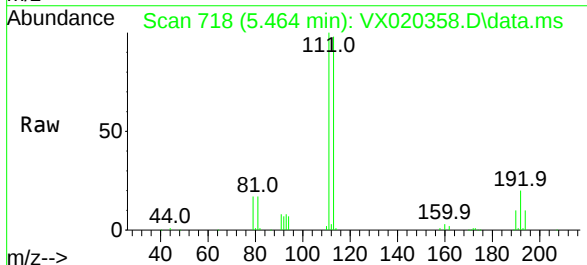


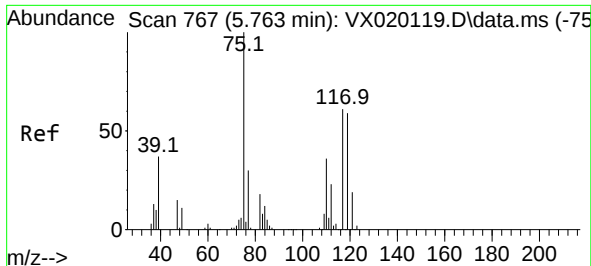
Tgt Ion:114 Resp: 434538
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.94 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

Tgt Ion:113 Resp: 138829
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 20.4 16.7 25.1

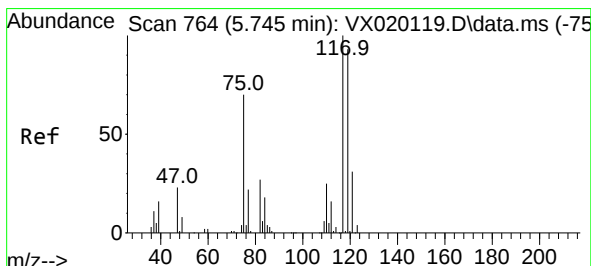
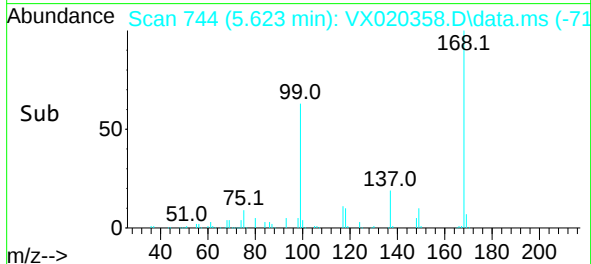
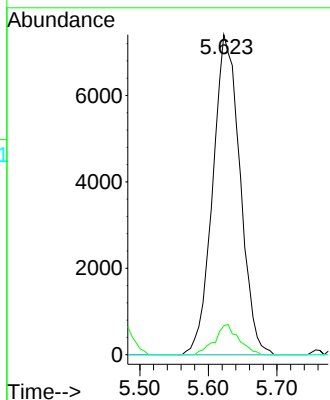
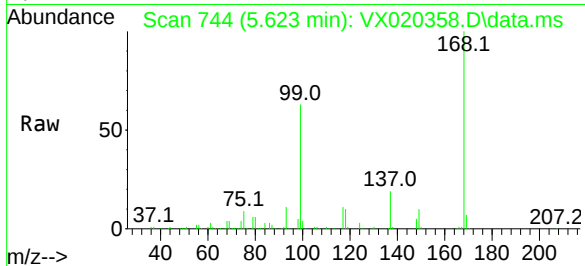




#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

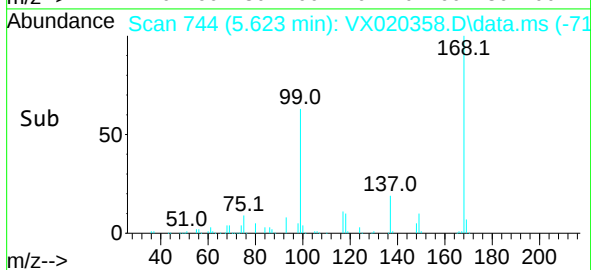
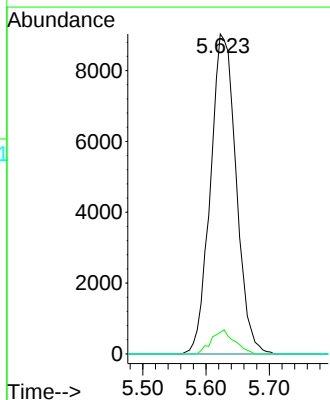
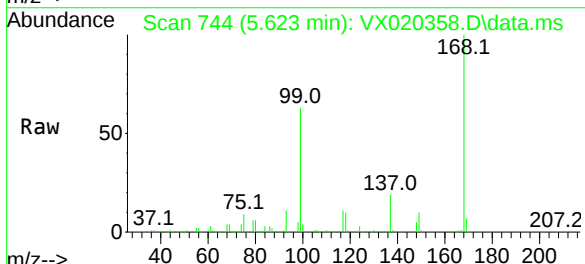
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

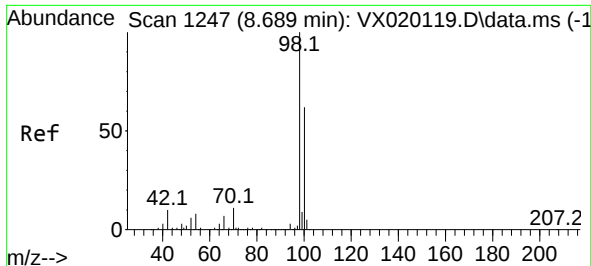
Tgt Ion: 75 Resp: 20419
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

Tgt Ion: 117 Resp: 25470
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

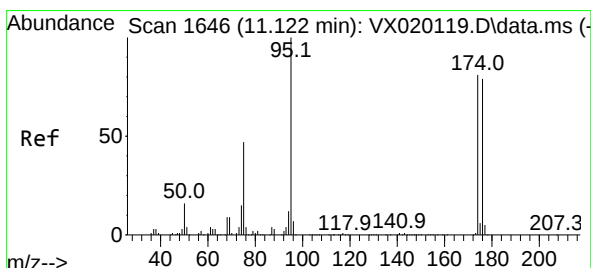
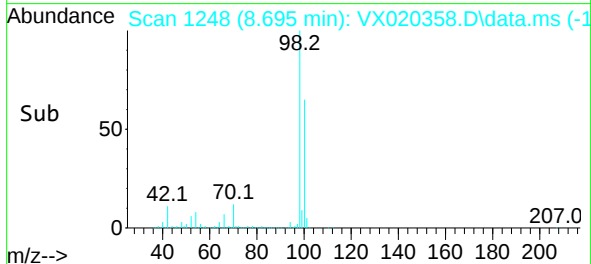
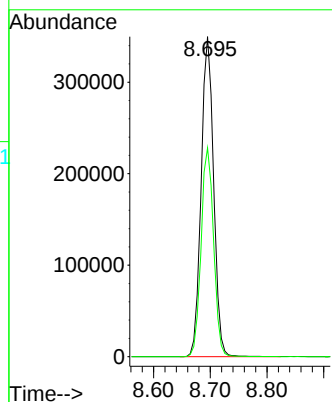
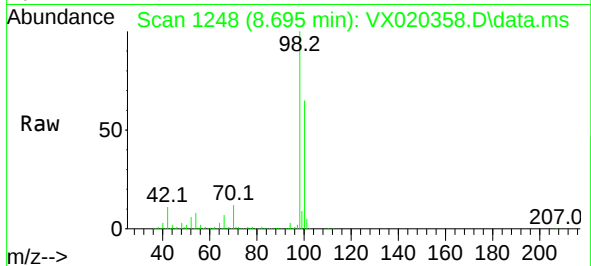




#50
Toluene-d8
Concen: 49.76 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

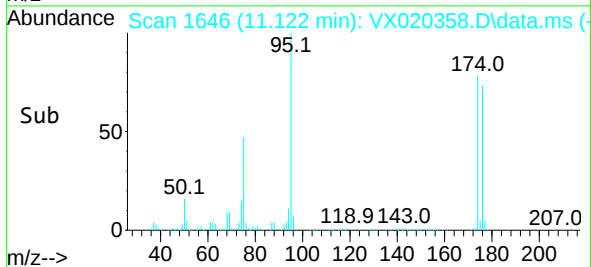
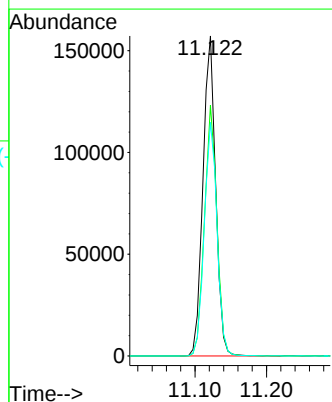
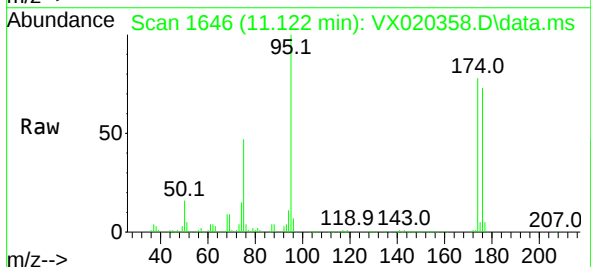
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

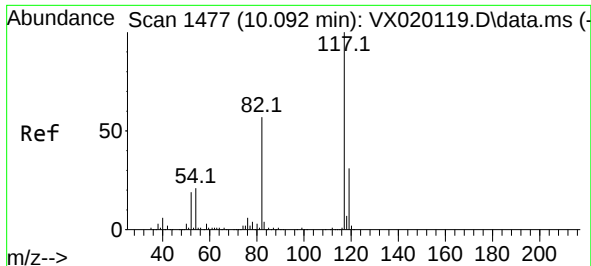
Tgt Ion: 98 Resp: 532444
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.25 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

Tgt Ion: 95 Resp: 193499
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 73.6 0.0 155.8

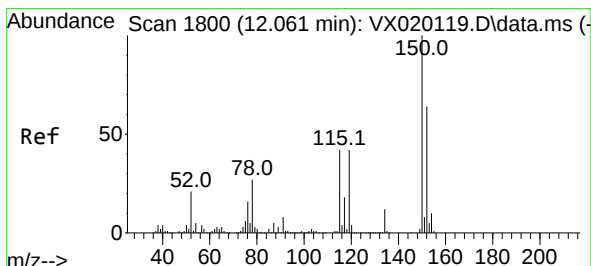
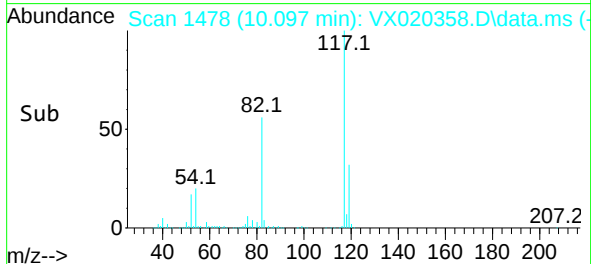
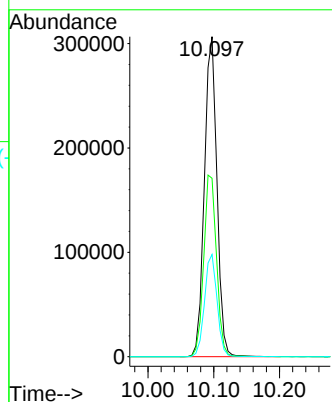
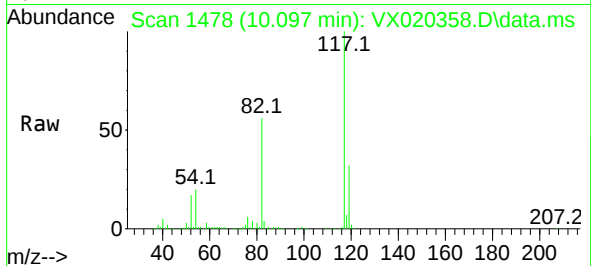




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

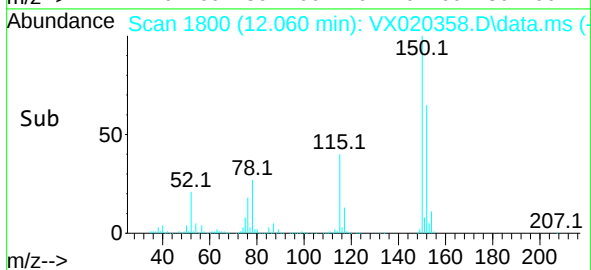
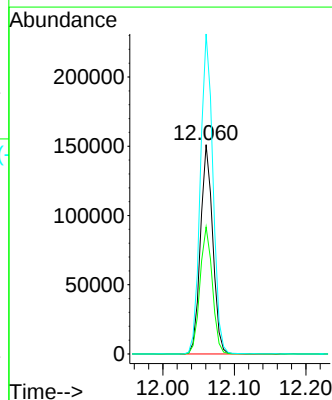
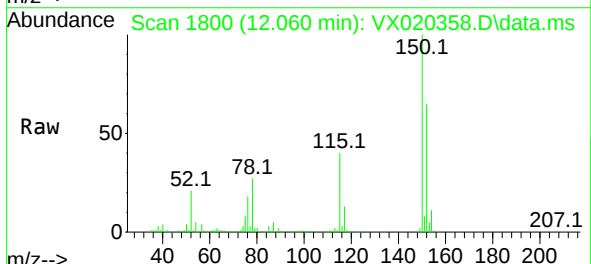
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

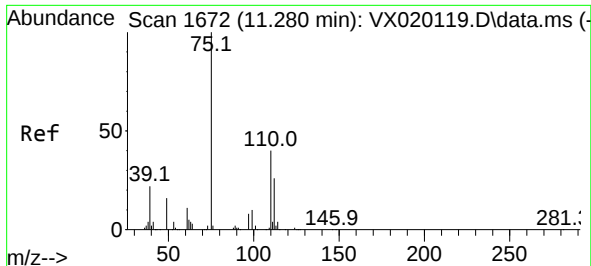
Tgt Ion:117 Resp: 406346
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

Tgt Ion:152 Resp: 180246
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 156.4 0.0 349.0

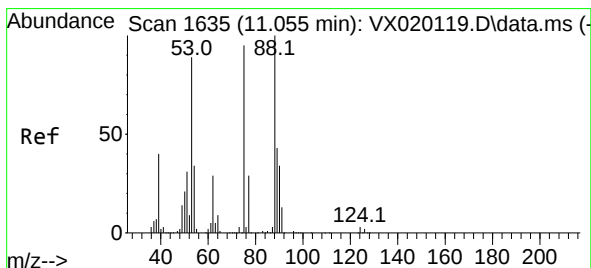
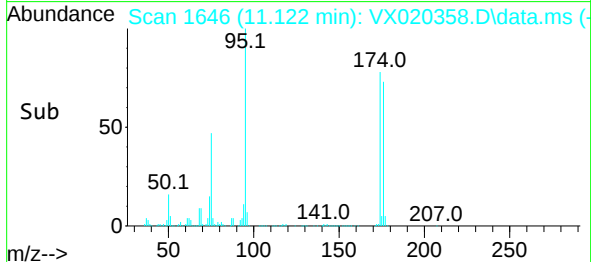
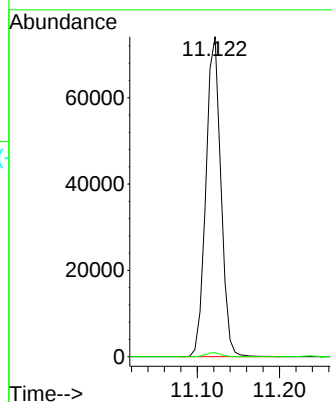
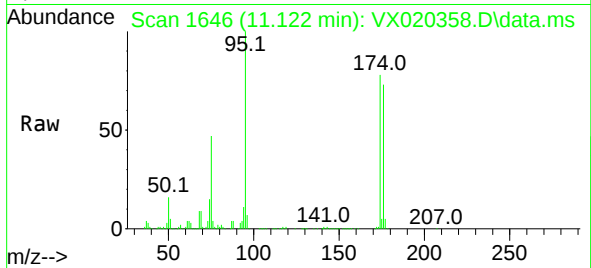




#76
1,2,3-Trichloropropane
Concen: 21.11 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

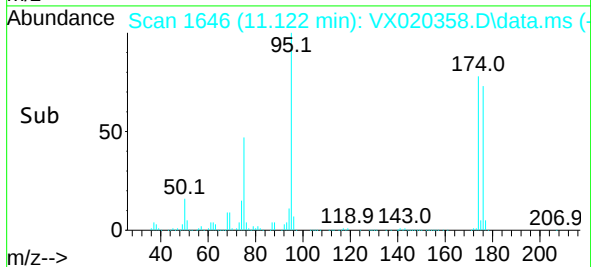
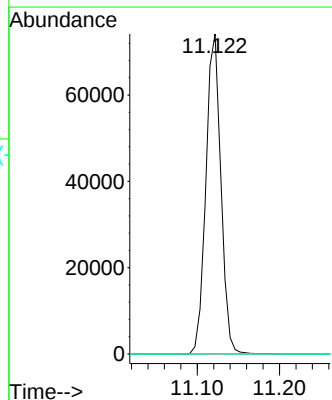
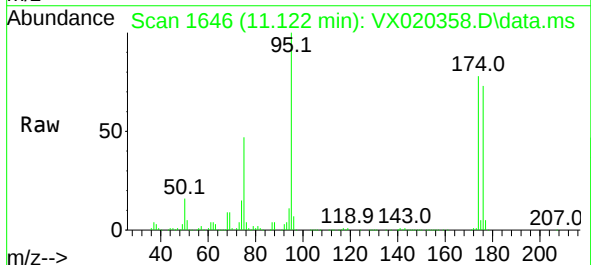
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

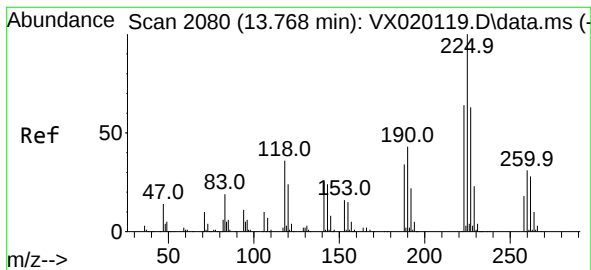
Tgt Ion: 75 Resp: 93715
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020358.D
Acq: 23 Dec 2020 23:41

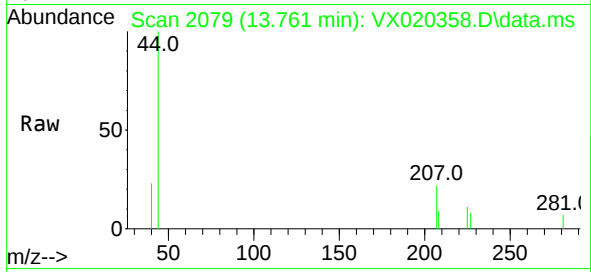
Tgt Ion: 75 Resp: 93715
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 2.69 ug/l
 RT: 13.761 min Scan# 2079
 Delta R.T. -0.007 min
 Lab File: VX020358.D
 Acq: 23 Dec 2020 23:41

Instrument :
 MSVOA_X
 ClientSampleId :
 39-TB-121420



Tgt Ion	Ratio	Lower	Upper
225	100		
223	30.0	31.1	93.2#
227	27.5	31.6	95.0#

