

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020421\
 Data File : VX020859.D
 Acq On : 04 Feb 2021 12:38
 Operator : JC/MD
 Sample : M1319-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 05 01:37:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

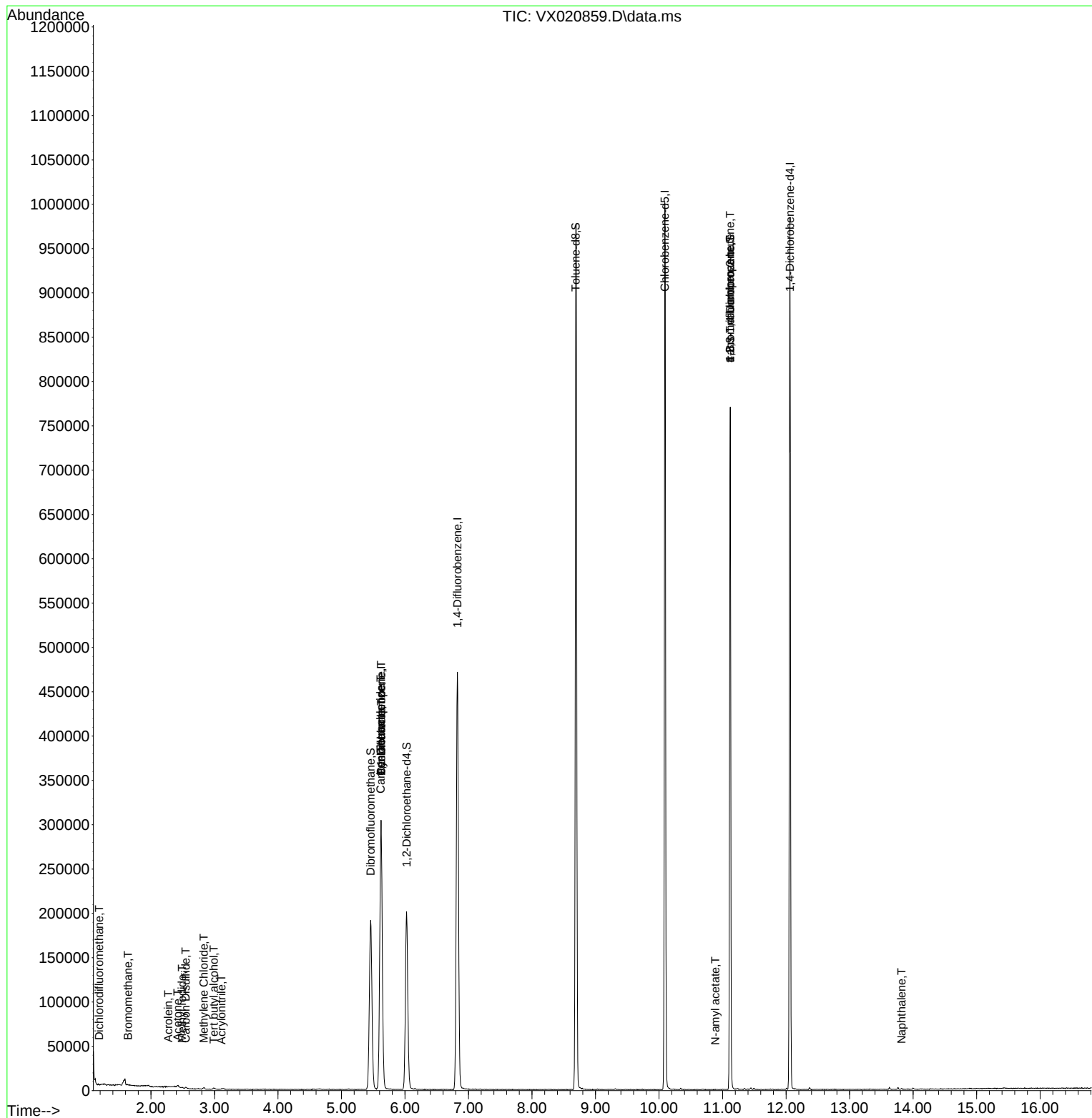
Internal Standards						
1) Pentafluorobenzene	5.623	168	277036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	481586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	459944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	200886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	191701	50.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.46%	
35) Dibromofluoromethane	5.458	113	168952	51.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.44%	
50) Toluene-d8	8.689	98	595977	49.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.56%	
62) 4-Bromofluorobenzene	11.122	95	206279	43.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 87.84%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	72	1.21	ug/l #	42
5) Bromomethane	1.636	94	575	0.31	ug/l	82
10) Methyl Iodide	2.489	142	1405	0.37	ug/l	95
11) Tert butyl alcohol	2.989	59	846	1.20	ug/l #	73
13) Acrolein	2.270	56	183	0.34	ug/l	89
15) Acrylonitrile	3.111	53	398	0.22	ug/l #	93
16) Acetone	2.416	43	1378	0.96	ug/l #	75
17) Carbon Disulfide	2.544	76	1744	1.10	ug/l #	87
20) Methylene Chloride	2.831	84	870	0.24	ug/l #	84
31) Cyclohexane	5.623	56	5563	1.09	ug/l #	10
36) 1,1-Dichloropropene	5.623	75	21992	4.55	ug/l #	48
38) Carbon Tetrachloride	5.617	117	29276	5.76	ug/l #	16
74) N-amyl acetate	10.884	43	58	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	99886	21.44	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	99886	60.08	ug/l #	12
95) Naphthalene	13.816	128	1109	2.94	ug/l #	85

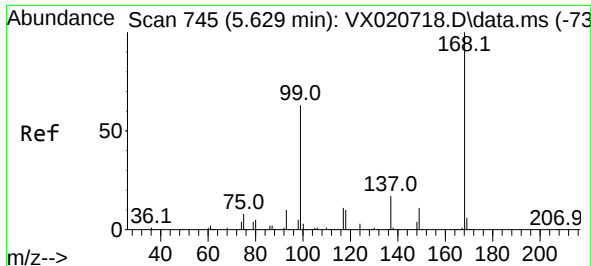
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020421\
Data File : VX020859.D
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Operator : JC/MD
Sample : M1319-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

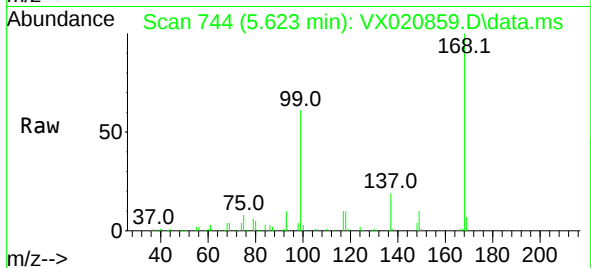
Quant Time: Feb 05 01:37:58 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration



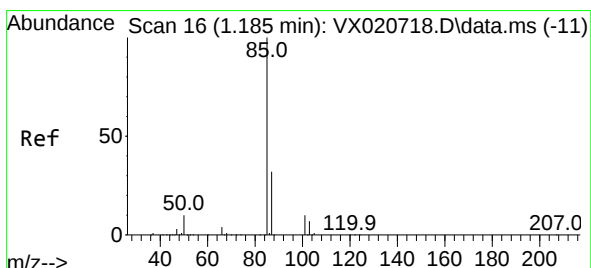
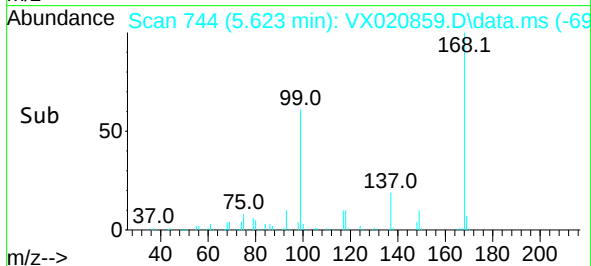
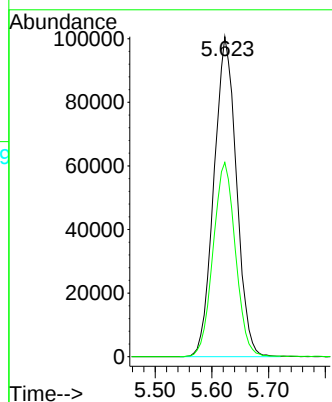


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

Instrument :
MSVOA_X
ClientSampled :

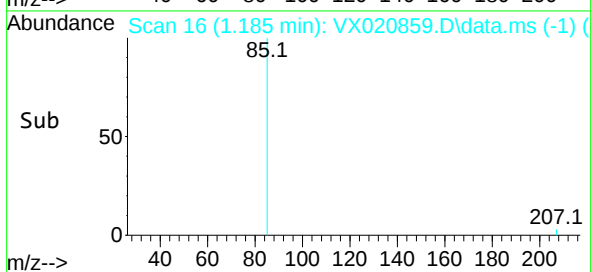
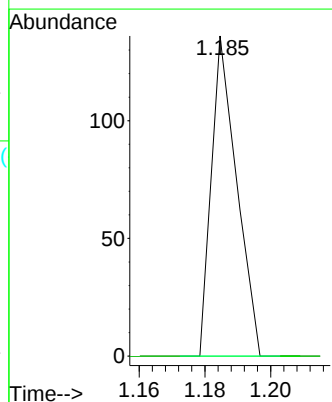
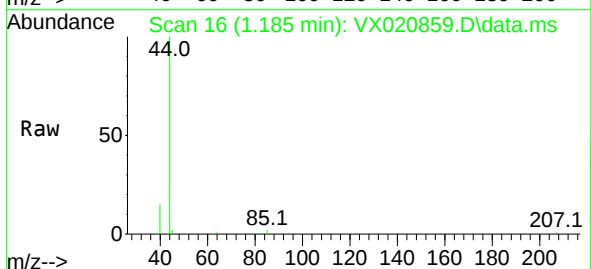


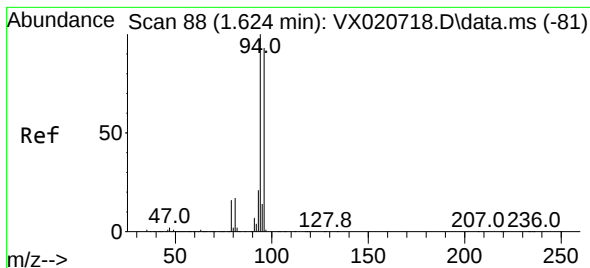
Tgt Ion:168 Resp: 277036
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.21 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

Tgt Ion: 85 Resp: 72
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

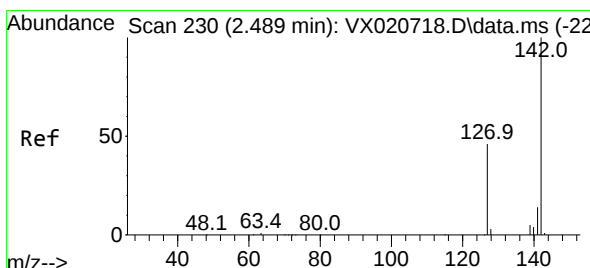
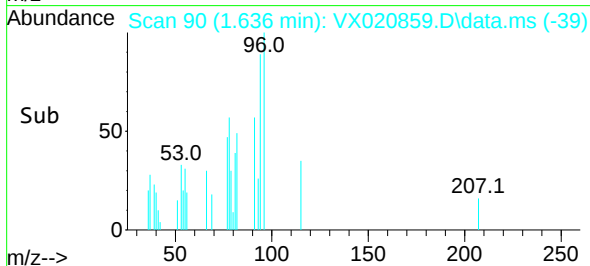
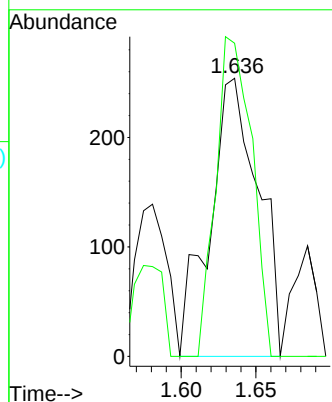
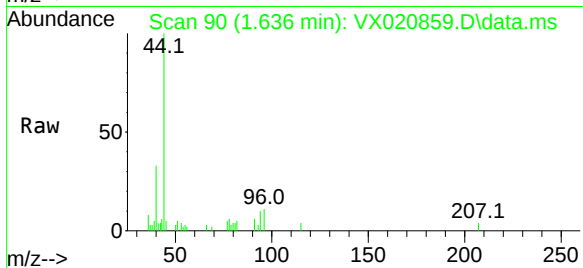




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

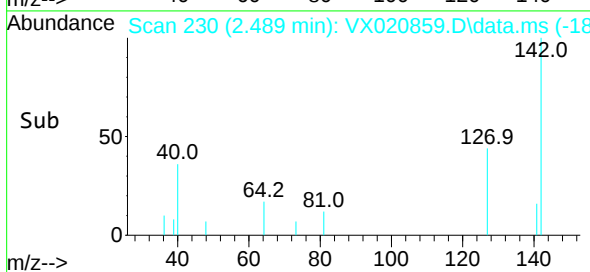
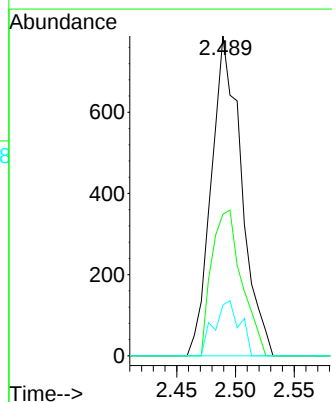
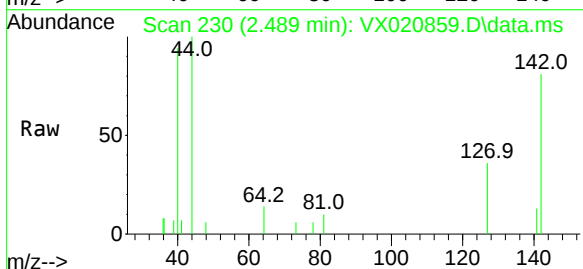
Instrument :
MSVOA_X
ClientSampled :

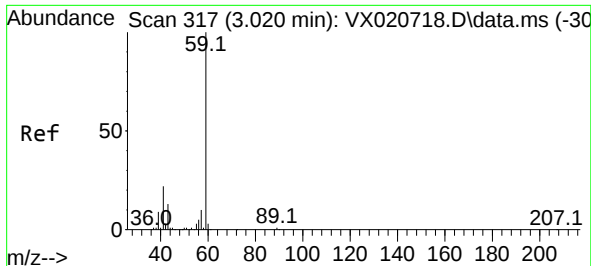
Tgt Ion: 94 Resp: 575
Ion Ratio Lower Upper
94 100
96 112.6 76.4 114.6



#10
Methyl Iodide
Concen: 0.37 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

Tgt Ion: 142 Resp: 1405
Ion Ratio Lower Upper
142 100
127 45.4 33.3 49.9
141 14.7 11.4 17.0

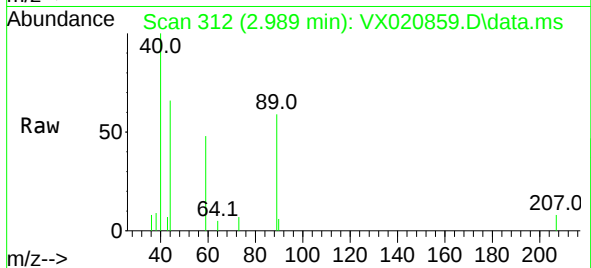




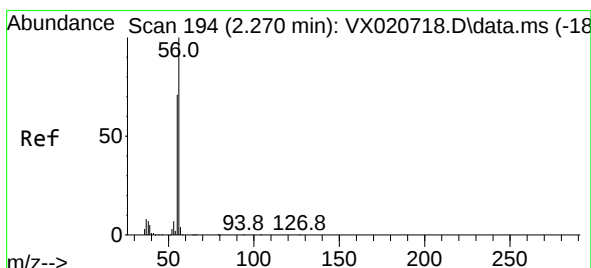
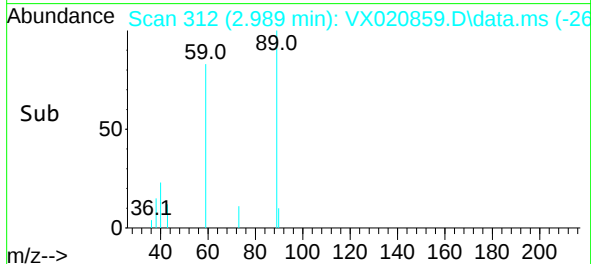
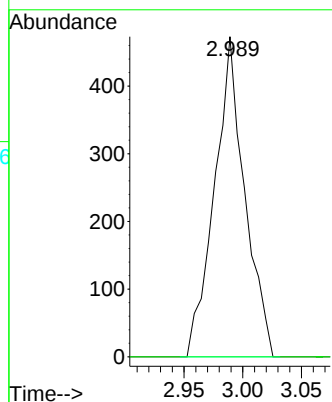
#11

Tert butyl alcohol
Concen: 1.20 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

Instrument :
MSVOA_X
ClientSampled :



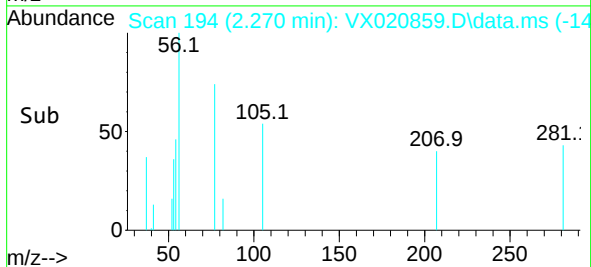
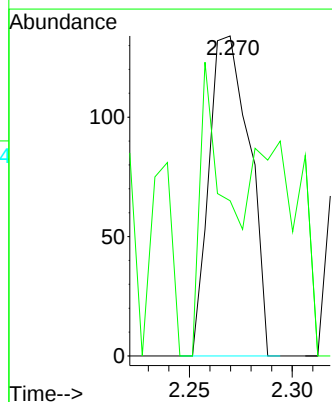
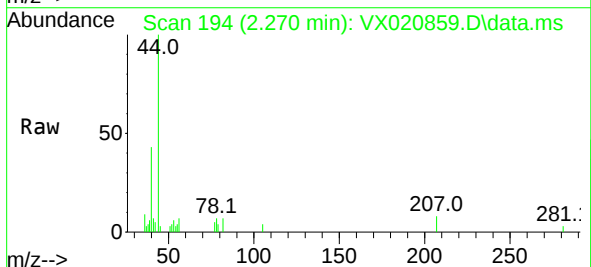
Tgt Ion: 59 Resp: 846
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

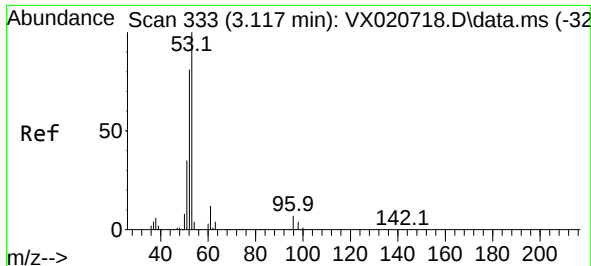


#13

Acrolein
Concen: 0.34 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

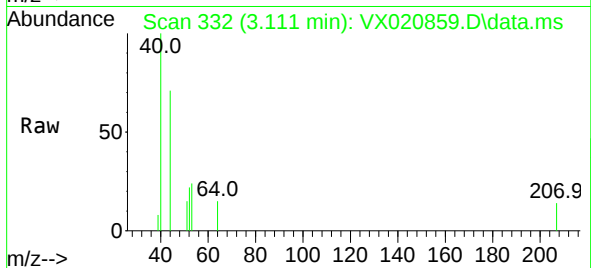
Tgt Ion: 56 Resp: 183
Ion Ratio Lower Upper
56 100
55 61.7 56.4 84.6



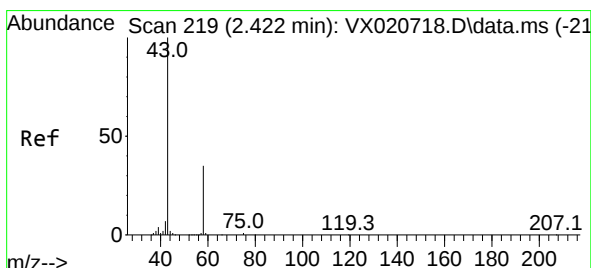
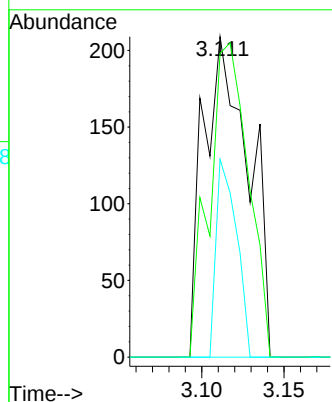
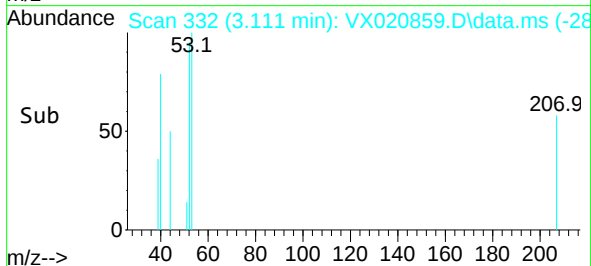


#15
Acrylonitrile
Concen: 0.22 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

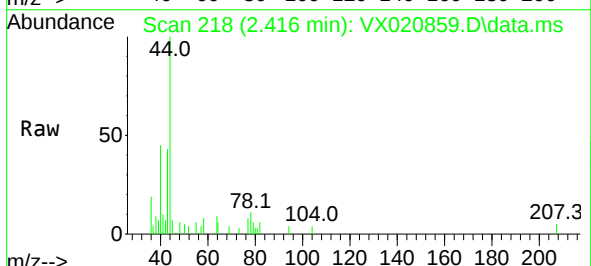
Instrument :
MSVOA_X
ClientSampleId :



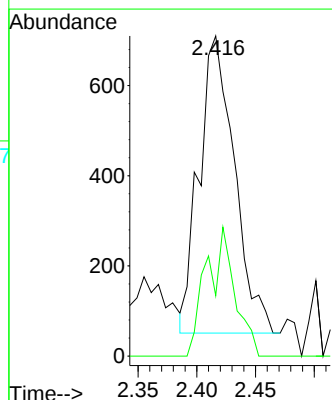
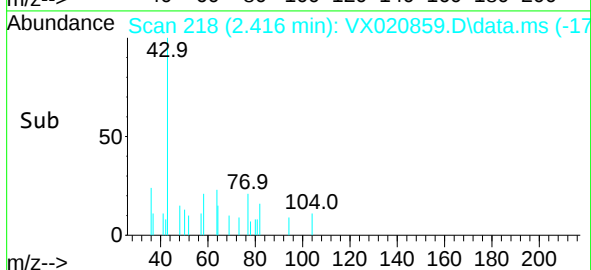
Tgt Ion: 53 Resp: 398
Ion Ratio Lower Upper
53 100
52 85.7 65.3 97.9
51 27.9 28.2 42.2#

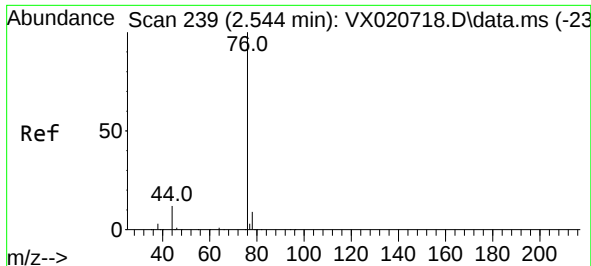


#16
Acetone
Concen: 0.96 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38



Tgt Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
58 20.3 27.8 41.8#

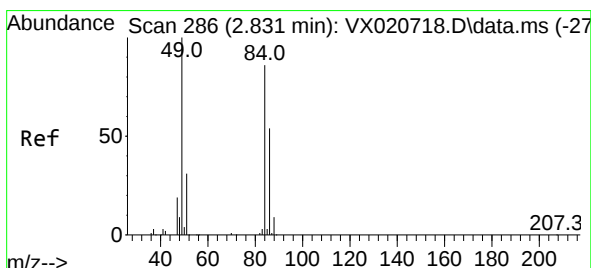
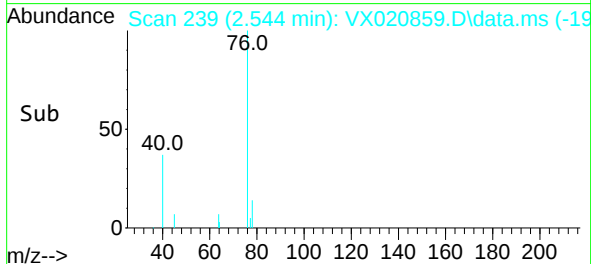
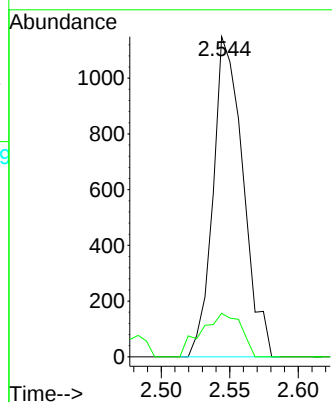
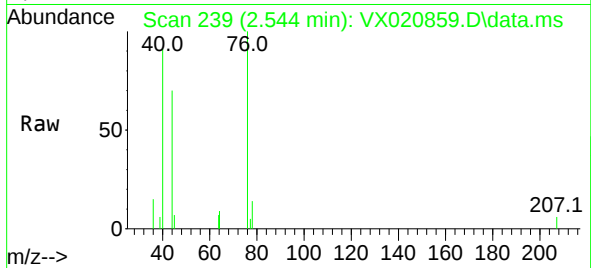




#17
Carbon Disulfide
Concen: 1.10 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

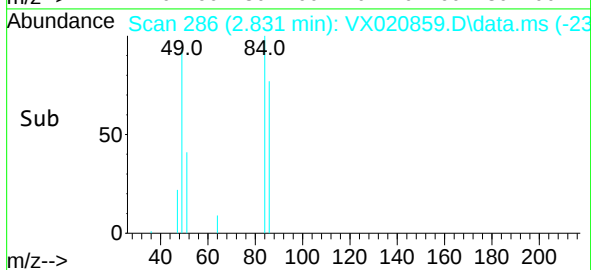
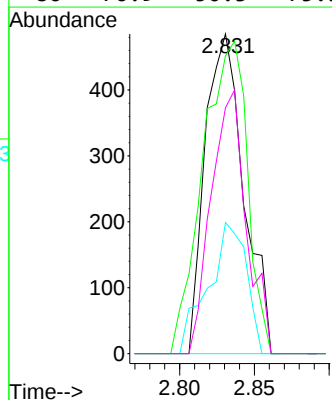
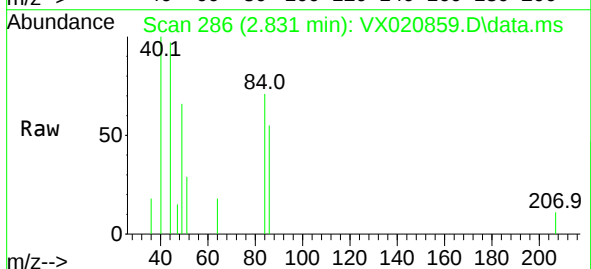
Instrument :
MSVOA_X
ClientSampled :

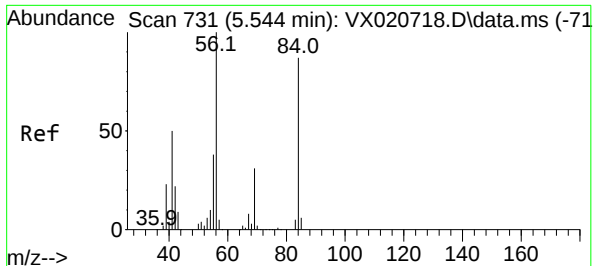
Tgt Ion: 76 Resp: 1744
Ion Ratio Lower Upper
76 100
78 13.6 7.2 10.8#



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

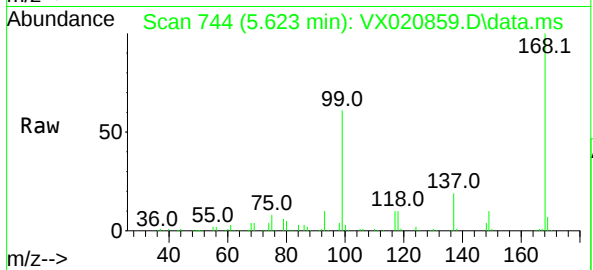
Tgt Ion: 84 Resp: 870
Ion Ratio Lower Upper
84 100
49 93.2 88.6 132.8
51 41.0 27.0 40.6#
86 76.9 50.3 75.5#



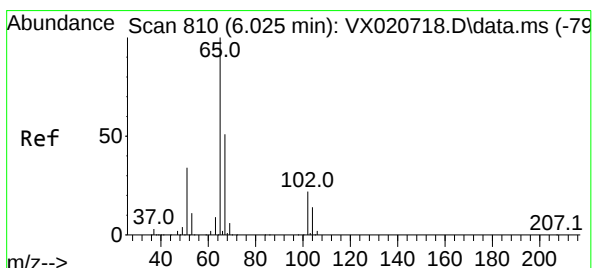
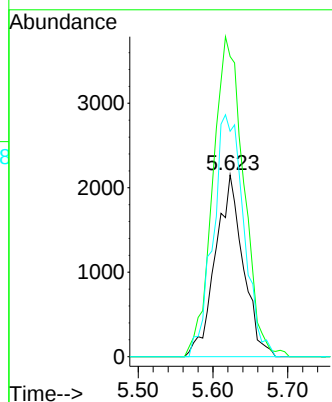
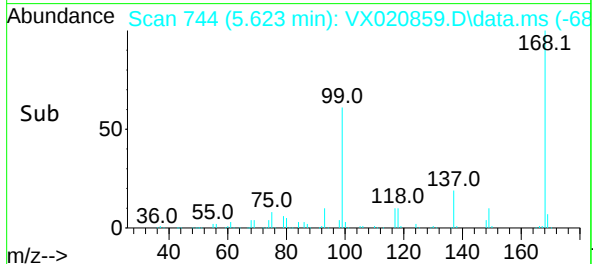


#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

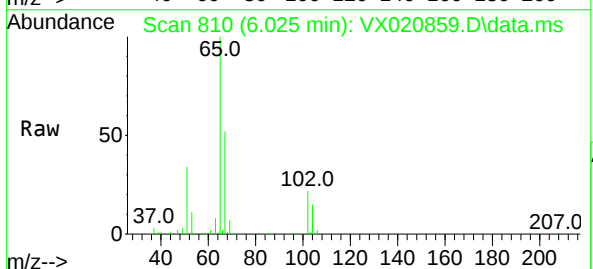
Instrument :
MSVOA_X
ClientSampleId :



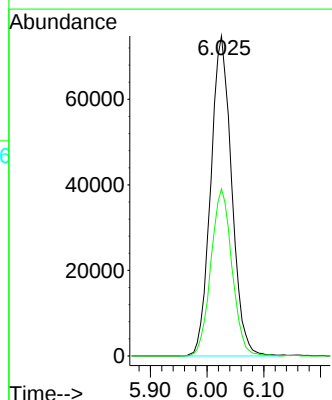
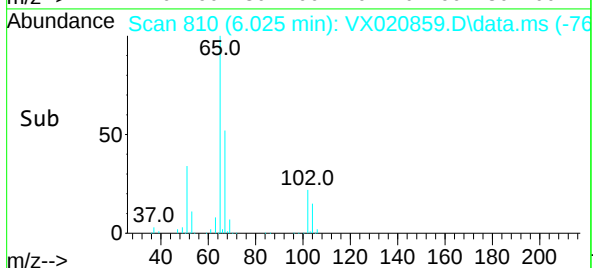
Tgt Ion: 56 Resp: 5563
Ion Ratio Lower Upper
56 100
69 165.1 25.3 37.9#
84 124.0 71.4 107.0#

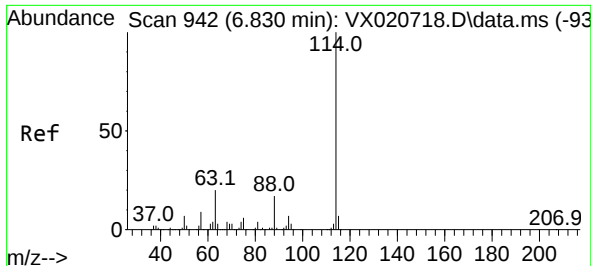


#33
1,2-Dichloroethane-d4
Concen: 50.73 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38



Tgt Ion: 65 Resp: 191701
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

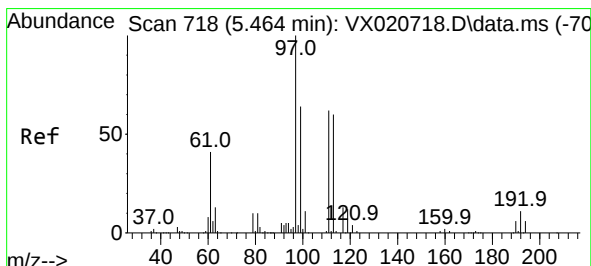
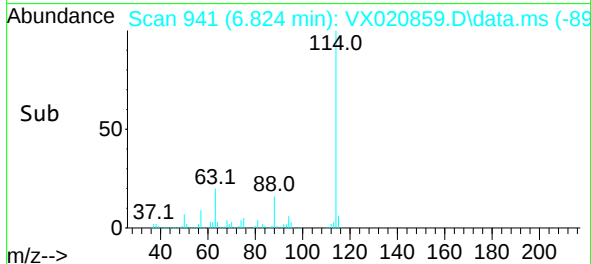
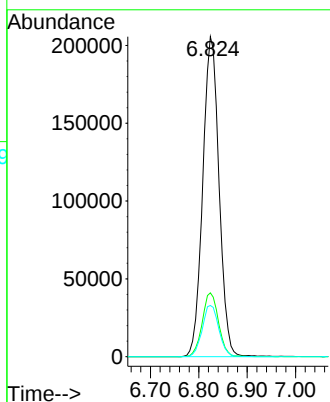
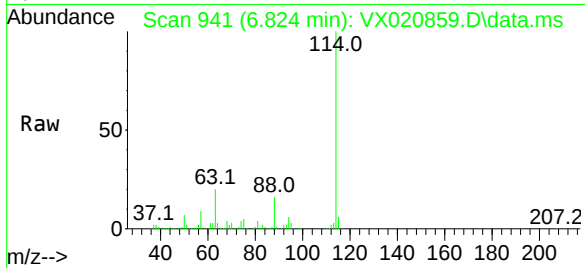




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

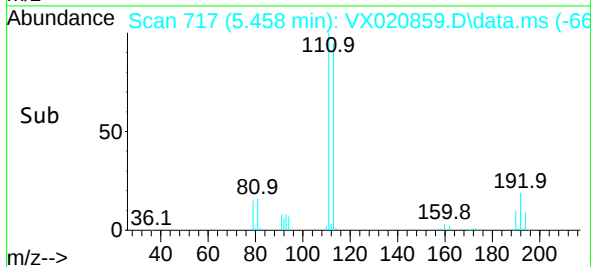
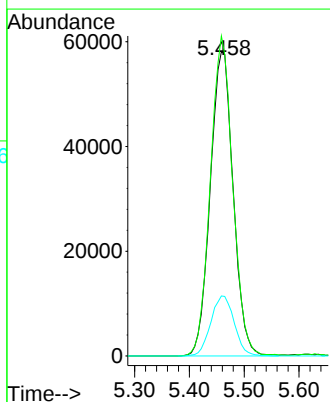
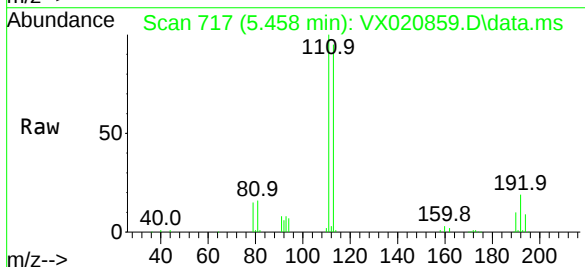
Instrument :
MSVOA_X
ClientSampleId :

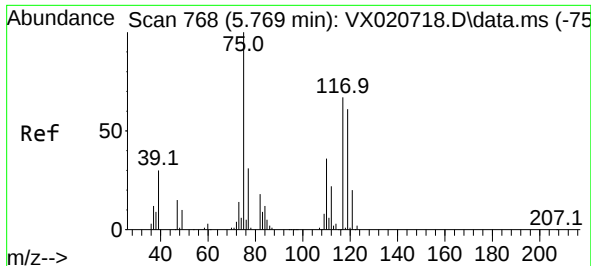
Tgt Ion:114 Resp: 481586
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.22 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

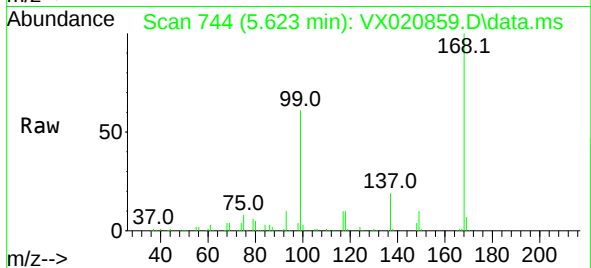
Tgt Ion:113 Resp: 168952
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.1 16.7 25.1



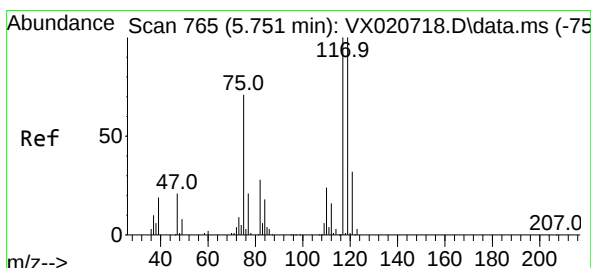
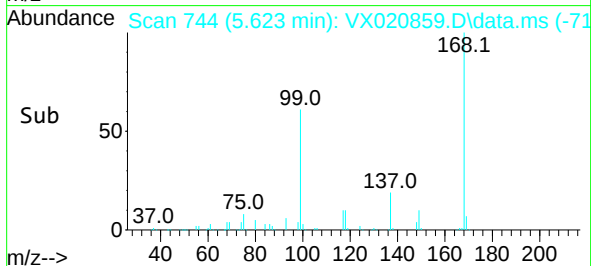
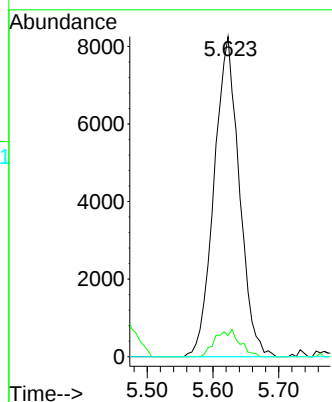


#36
 1,1-Dichloropropene
 Concen: 4.55 ug/l
 RT: 5.623 min Scan# 744
 Delta R.T. -0.146 min
 Lab File: VX020859.D
 Acq: 04 Feb 2021 12:38

Instrument :
 MSVOA_X
 ClientSampleId :

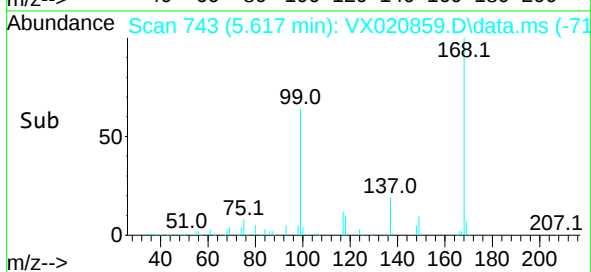
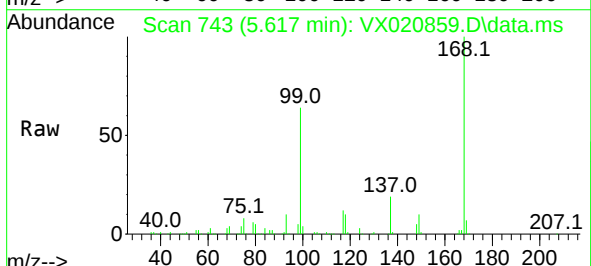
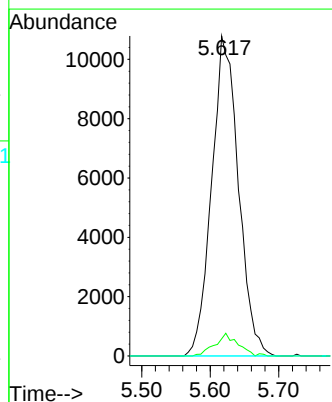


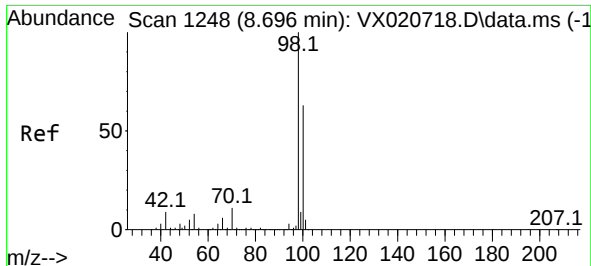
Tgt Ion: 75 Resp: 21992
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.4#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.76 ug/l
 RT: 5.617 min Scan# 743
 Delta R.T. -0.134 min
 Lab File: VX020859.D
 Acq: 04 Feb 2021 12:38

Tgt Ion: 117 Resp: 29276
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.2 114.2#
 121 0.0 24.8 37.2#

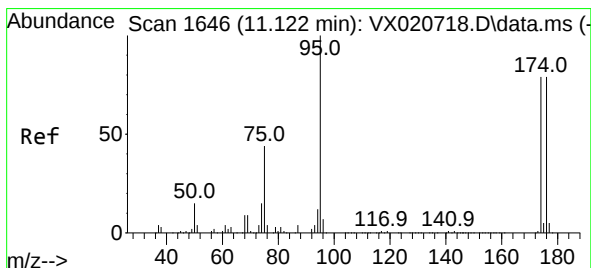
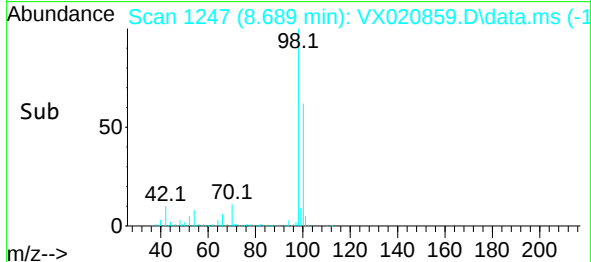
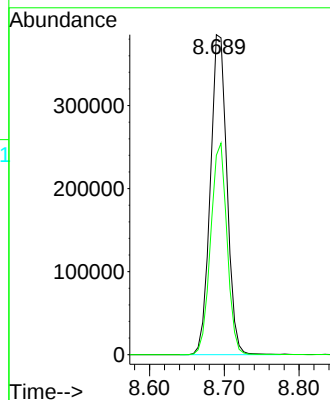
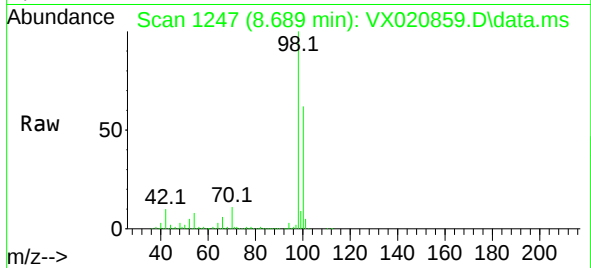




#50
Toluene-d8
Concen: 49.28 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.007 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

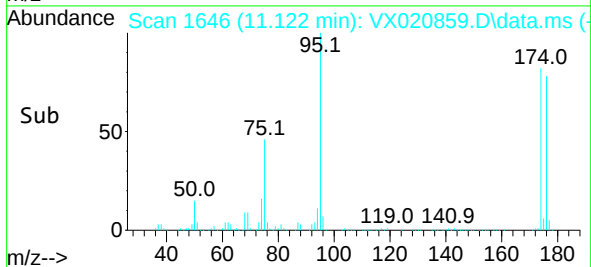
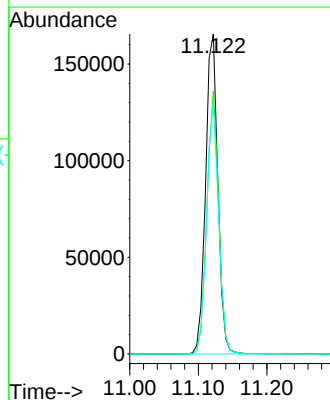
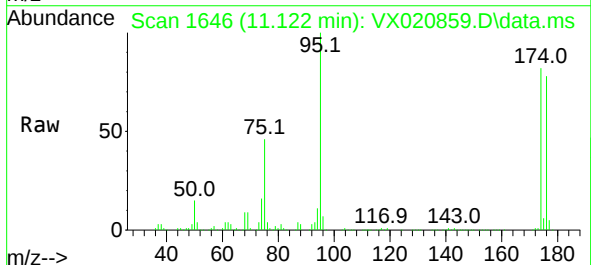
Instrument :
MSVOA_X
ClientSampled :

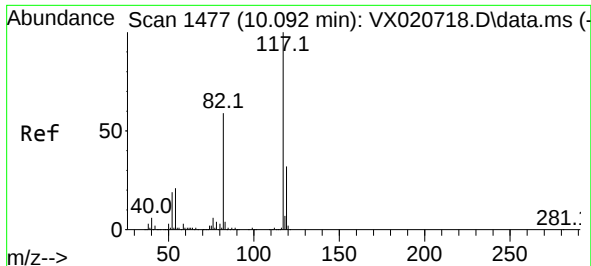
Tgt Ion: 98 Resp: 595977
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.92 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

Tgt Ion: 95 Resp: 206279
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 76.7 0.0 155.8

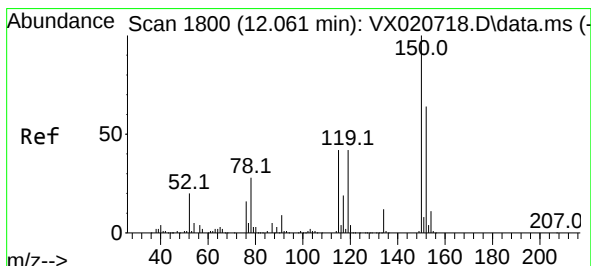
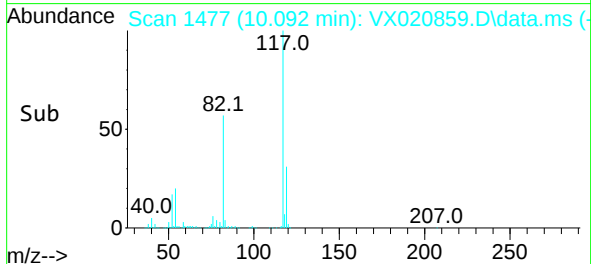
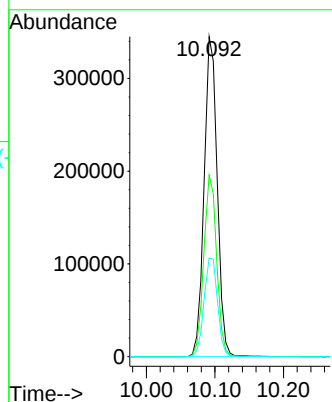
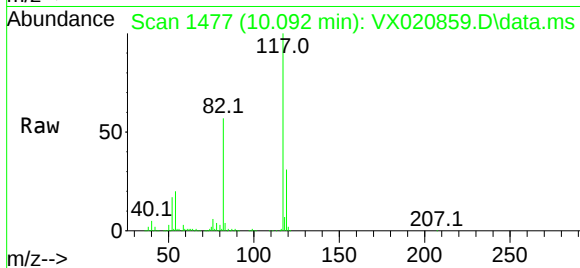




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

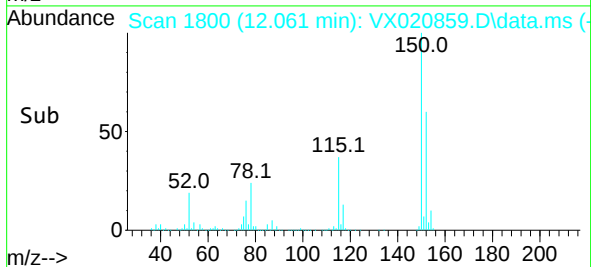
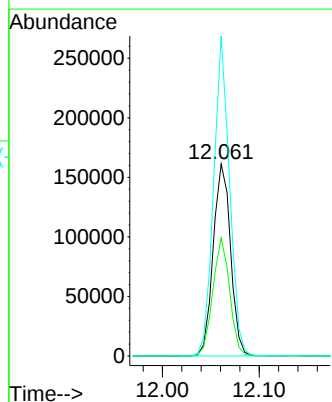
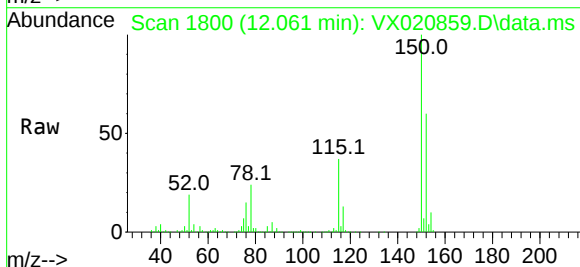
Instrument :
MSVOA_X
ClientSampleId :

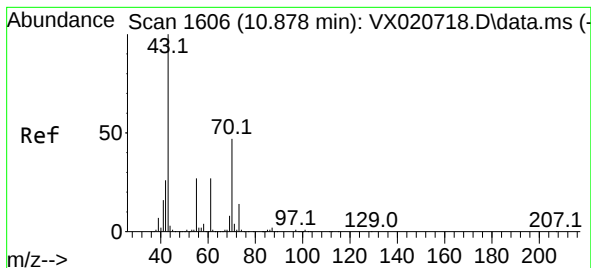
Tgt Ion:117 Resp: 459944
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 30.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

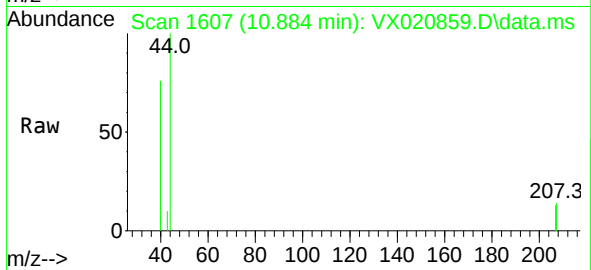
Tgt Ion:152 Resp: 200886
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 153.2 0.0 349.0



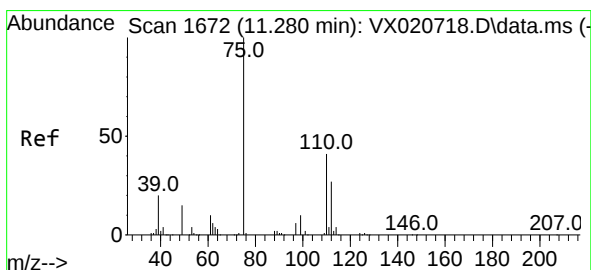
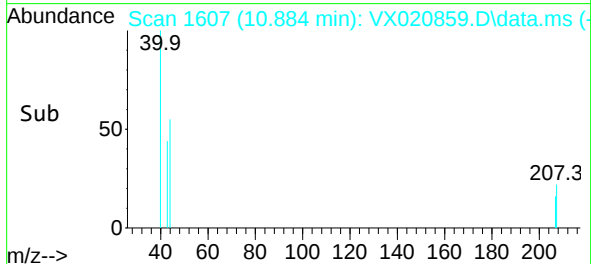
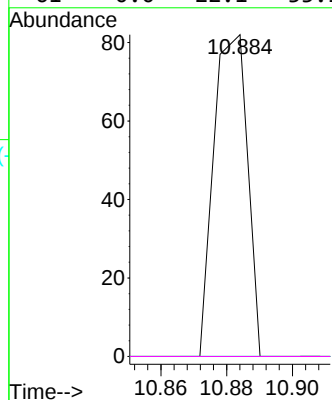


#74
N-amy1 acetate
Concen: 2.02 ug/l
RT: 10.884 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

Instrument :
MSVOA_X
ClientSampled :

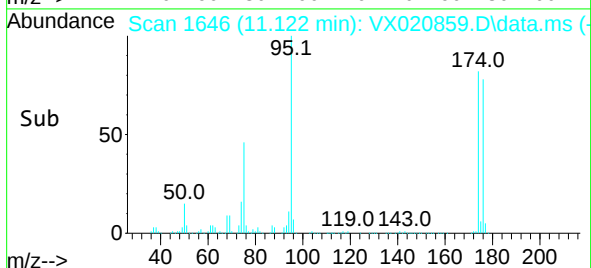
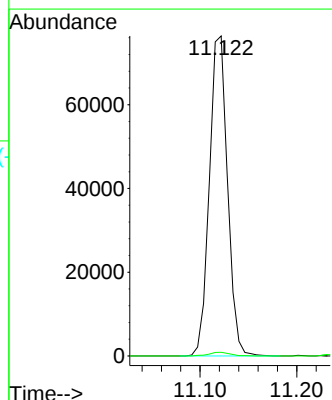
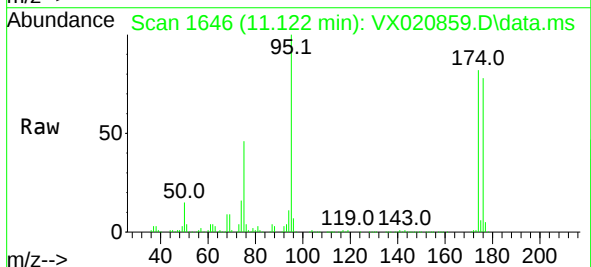


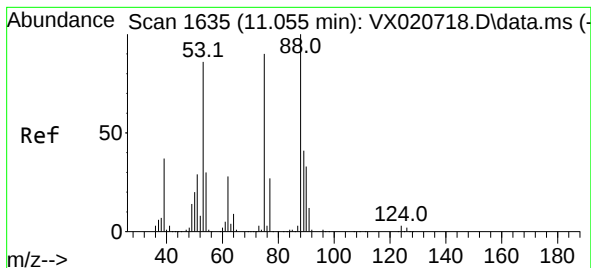
Tgt Ion: 43	Resp: 58
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

Tgt Ion: 75	Resp: 99886
Ion Ratio	Lower Upper
75	100
77	1.4 19.1 57.5#

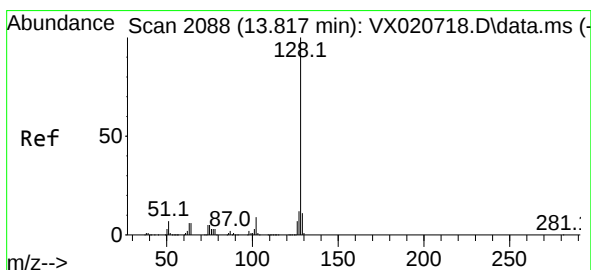
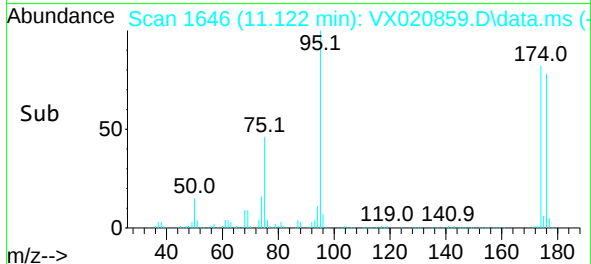
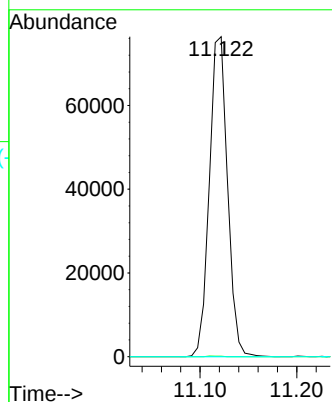
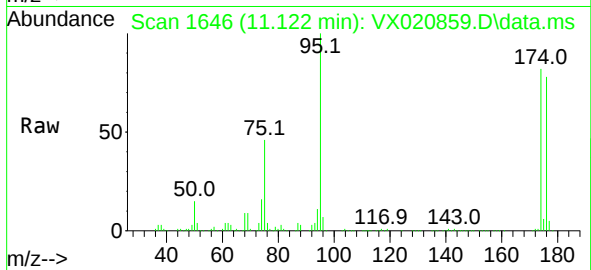




#81
trans-1,4-Dichloro-2-butene
Concen: 60.08 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 99886
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.94 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020859.D
Acq: 04 Feb 2021 12:38

Tgt Ion:128 Resp: 1109
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 1.8 8.8 13.2#

