

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030921\
 Data File : VX021098.D
 Acq On : 09 Mar 2021 10:24
 Operator : JC/MD
 Sample : VX0309WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 10 00:28:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

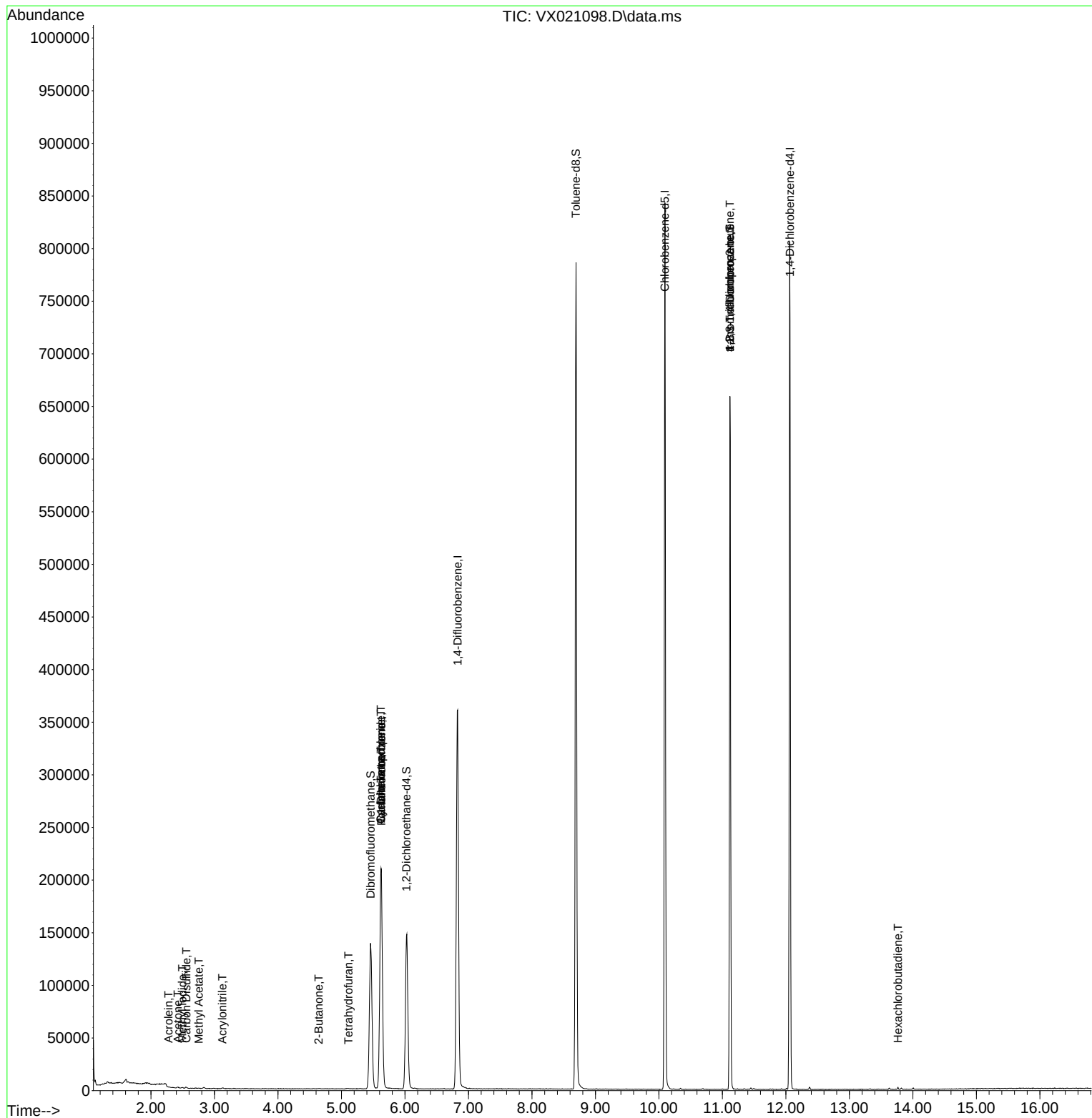
Internal Standards						
1) Pentafluorobenzene	5.629	168	208117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	386931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	378456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	172622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	139397	49.59	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.18%			
35) Dibromofluoromethane	5.458	113	122029	51.91	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.82%			
50) Toluene-d8	8.694	98	484438	52.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.70%			
62) 4-Bromofluorobenzene	11.118	95	184378	54.40	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.80%			
Target Compounds						
5) Bromomethane	1.640	94	527	Below Cal		96
10) Methyl Iodide	2.493	142	744	0.25 ug/l #		89
13) Acrolein	2.276	56	183	0.47 ug/l #		68
15) Acrylonitrile	3.123	53	385	0.29 ug/l #		91
16) Acetone	2.423	43	886	0.76 ug/l #		83
17) Carbon Disulfide	2.558	76	1359	0.20 ug/l		100
18) Methyl Acetate	2.752	43	748	0.27 ug/l #		66
25) 2-Butanone	4.641	43	359	0.20 ug/l #		45
29) Tetrahydrofuran	5.111	42	423	0.37 ug/l #		35
31) Cyclohexane	5.623	56	4128	1.01 ug/l #		1
36) 1,1-Dichloropropene	5.623	75	16345	4.44 ug/l #		48
38) Carbon Tetrachloride	5.623	117	19979	5.61 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	87622	23.60 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	87622	52.24 ug/l #		12
94) Hexachlorobutadiene	13.765	225	308	0.22 ug/l		94

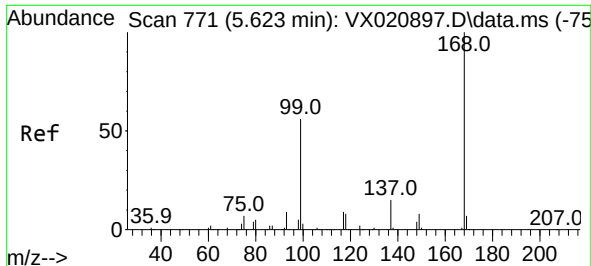
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 10 00:28:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

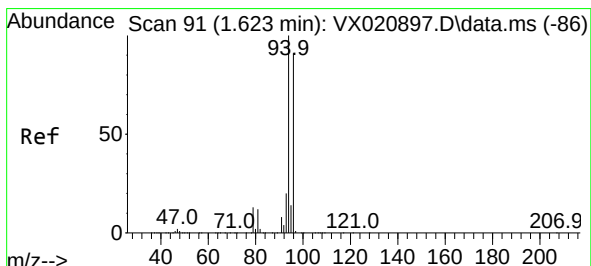
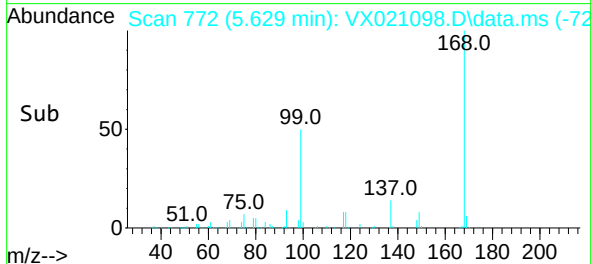
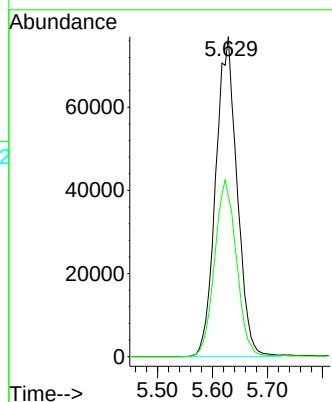
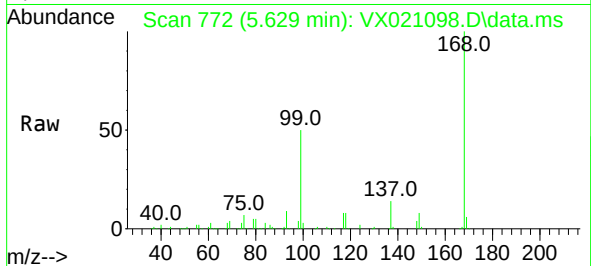




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

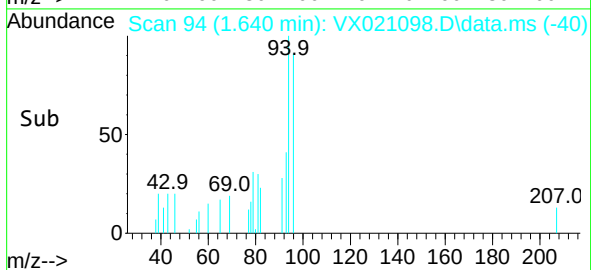
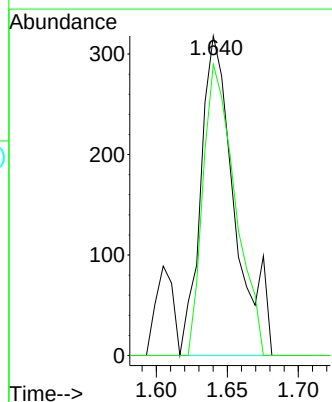
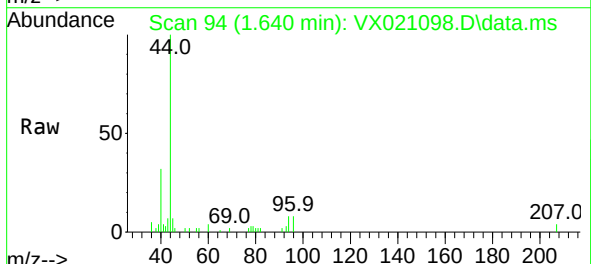
Instrument :
MSVOA_X
ClientSampled :

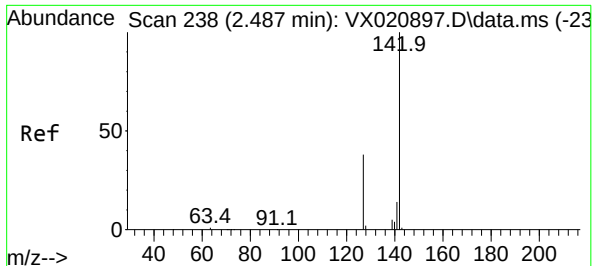
Tgt Ion:168 Resp: 208117
Ion Ratio Lower Upper
168 100
99 50.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

Tgt Ion: 94 Resp: 527
Ion Ratio Lower Upper
94 100
96 91.2 76.4 114.6

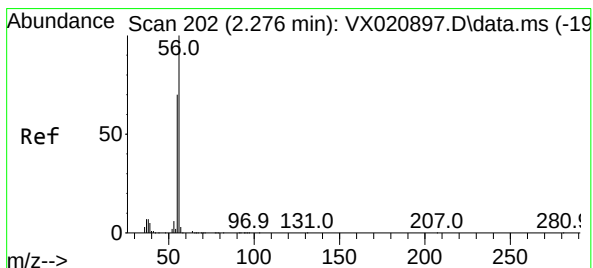
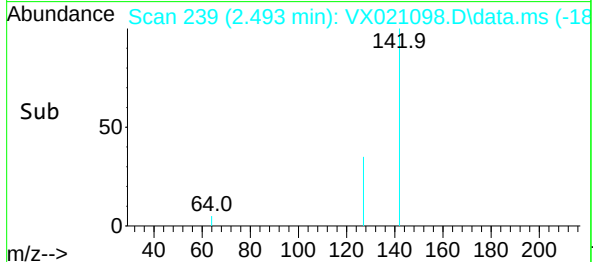
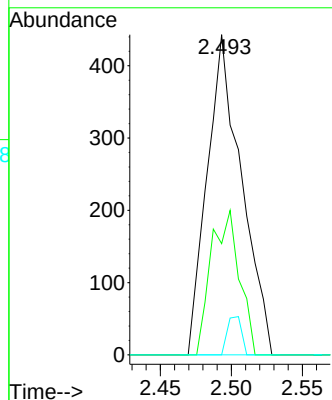
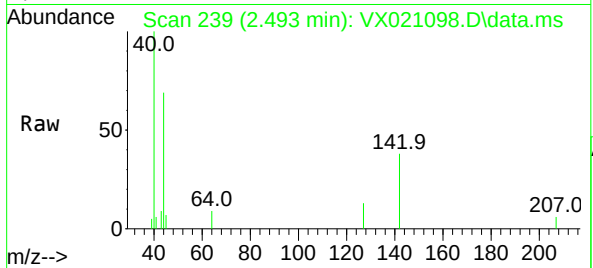




#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

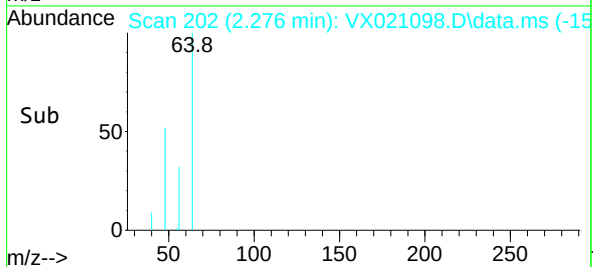
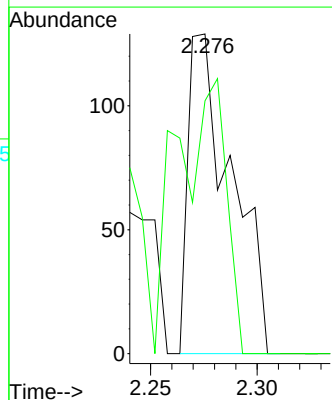
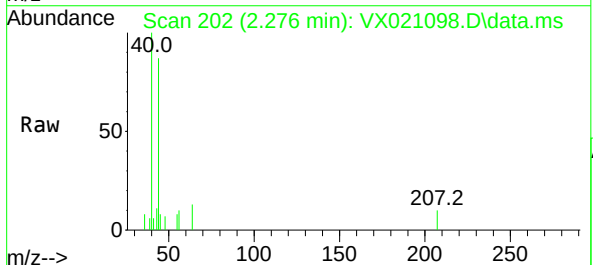
Instrument :
MSVOA_X
ClientSampled :

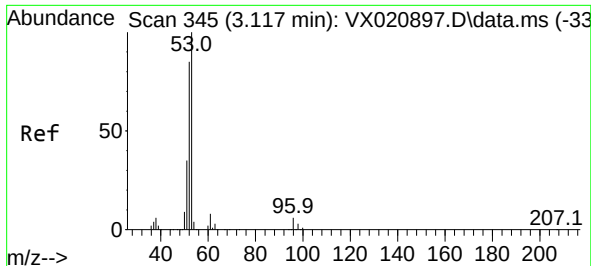
Tgt Ion:142 Resp: 744
Ion Ratio Lower Upper
142 100
127 37.2 33.3 49.9
141 5.0 11.4 17.0#



#13
Acrolein
Concen: 0.47 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

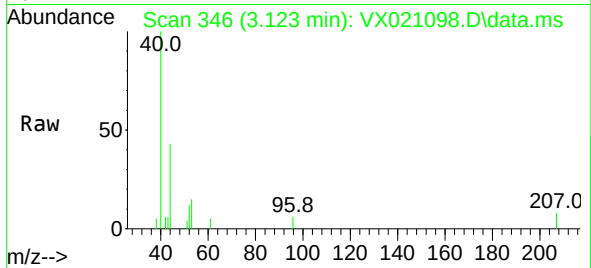
Tgt Ion: 56 Resp: 183
Ion Ratio Lower Upper
56 100
55 97.3 56.4 84.6#



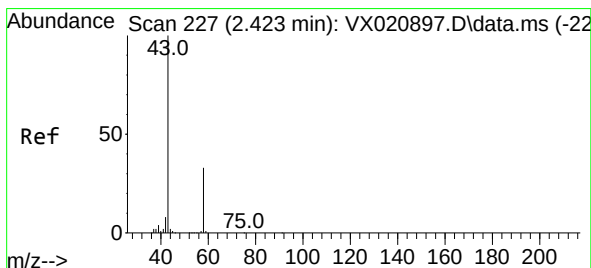
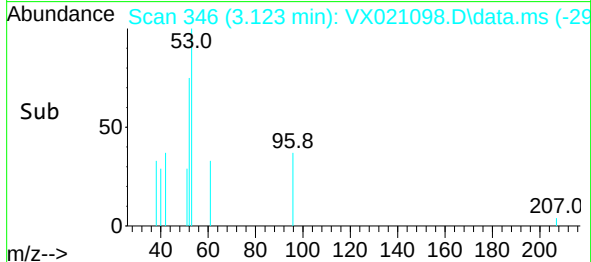
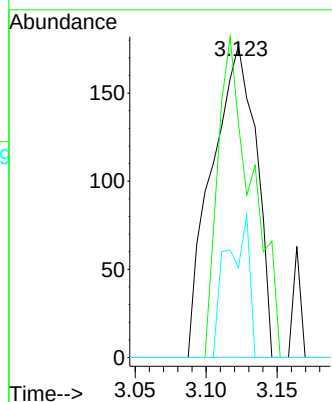


#15
Acrylonitrile
Concen: 0.29 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.006 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

Instrument :
MSVOA_X
ClientSampled :

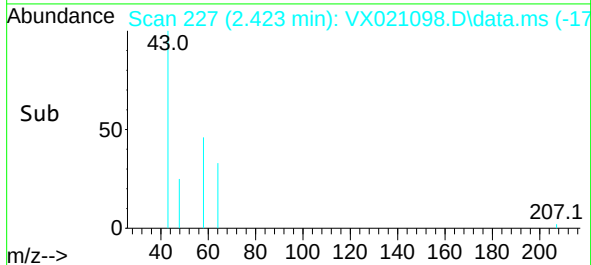
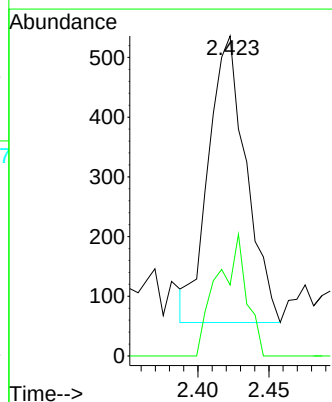
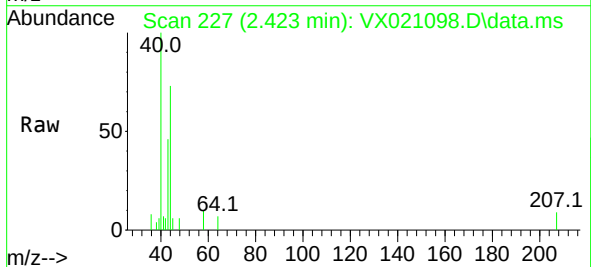


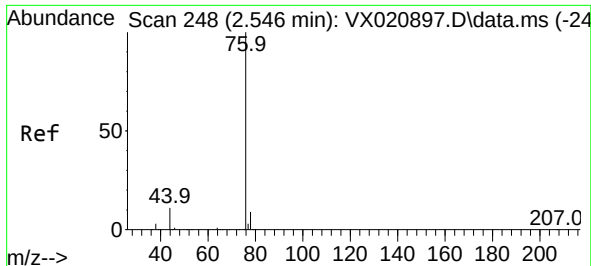
Tgt Ion: 53 Resp: 385
Ion Ratio Lower Upper
53 100
52 78.7 65.3 97.9
51 23.1 28.2 42.2#



#16
Acetone
Concen: 0.76 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

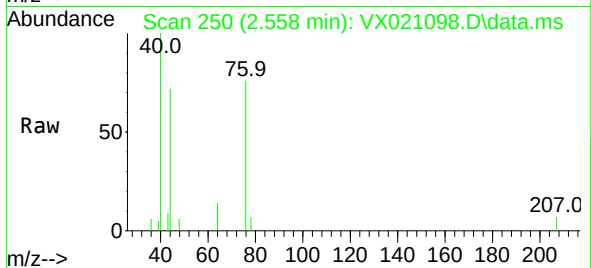
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 24.8 27.8 41.8#



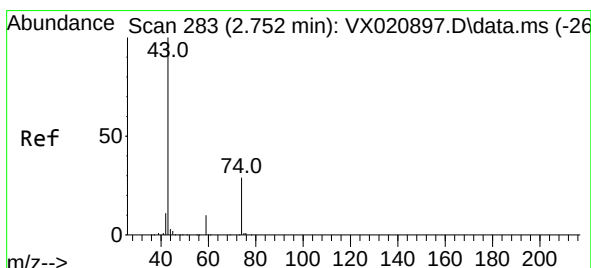
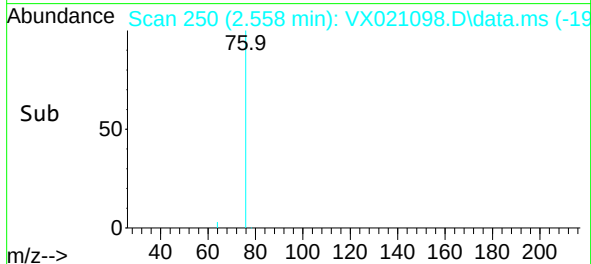
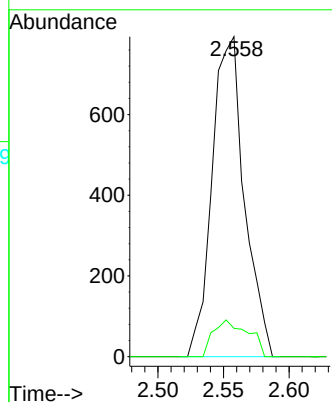


#17
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.012 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

Instrument :
MSVOA_X
ClientSampled :

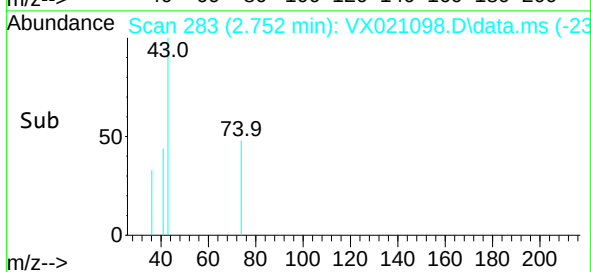
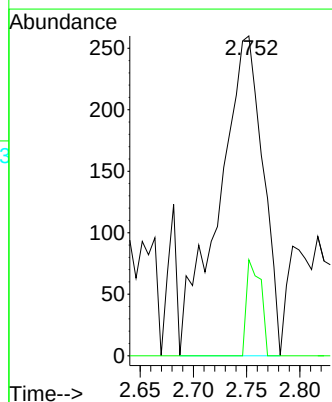
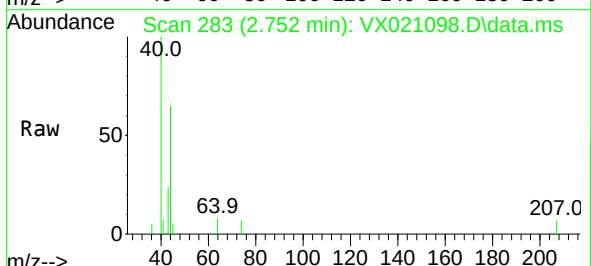


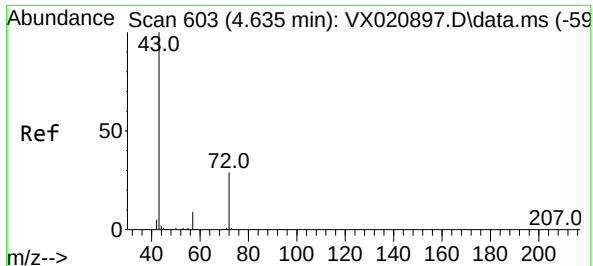
Tgt Ion: 76 Resp: 1359
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 0.27 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
74 9.6 21.9 32.9#

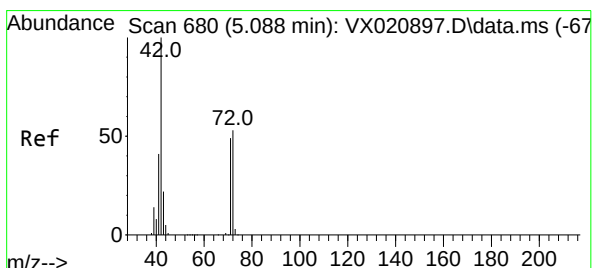
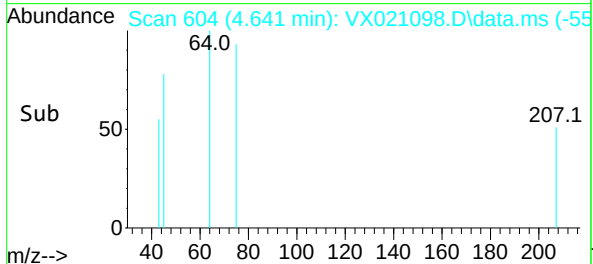
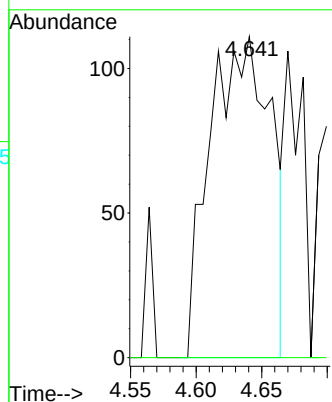
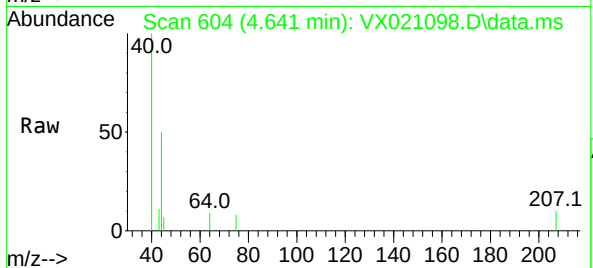




#25
2-Butanone
Concen: 0.20 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.006 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

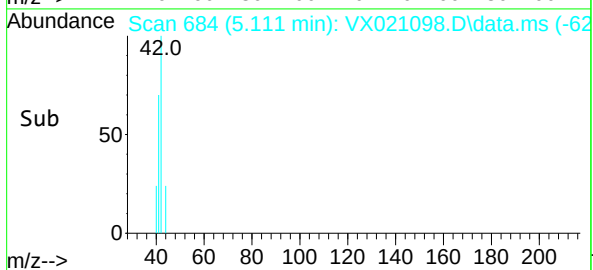
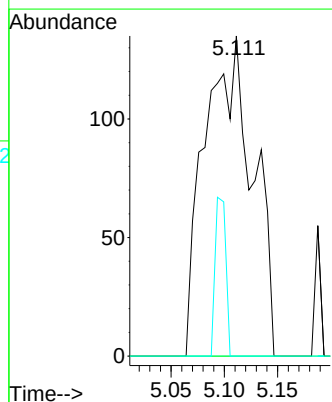
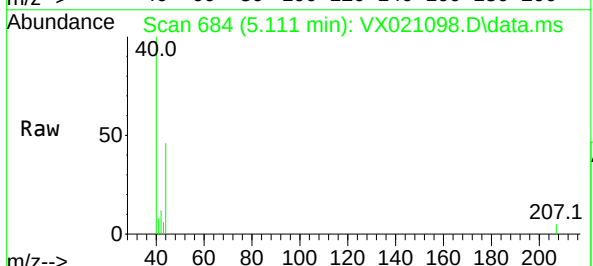
Instrument :
MSVOA_X
ClientSampled :

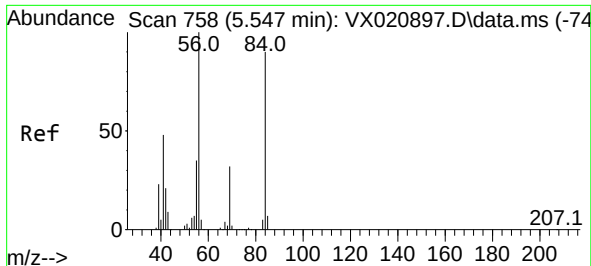
Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.37 ug/l
RT: 5.111 min Scan# 684
Delta R.T. 0.023 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

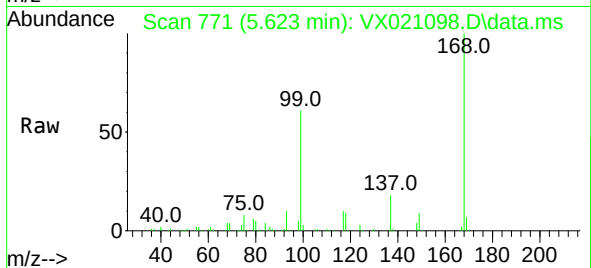
Tgt Ion: 42 Resp: 423
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 11.1 38.4 57.6#



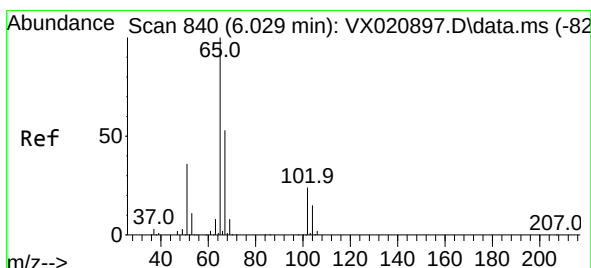
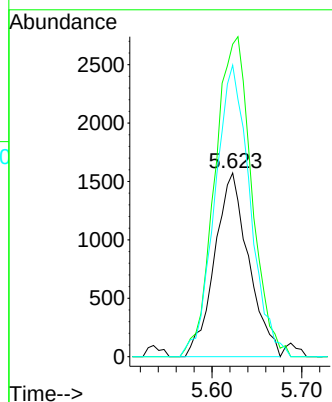
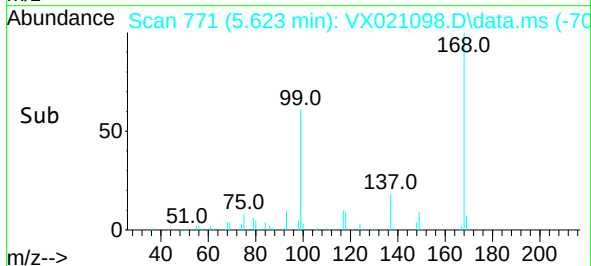


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

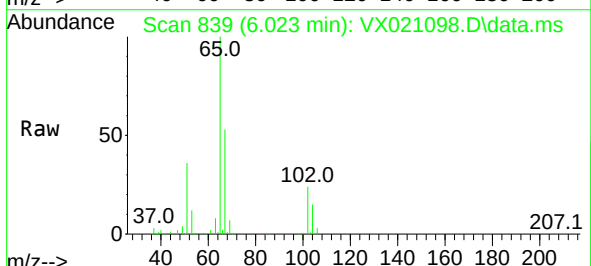
Instrument :
MSVOA_X
ClientSampled :



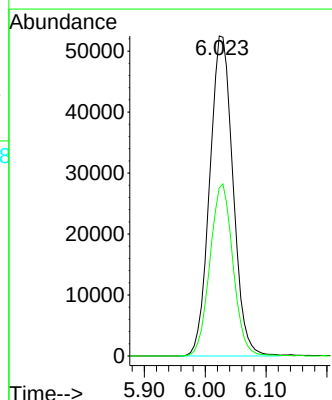
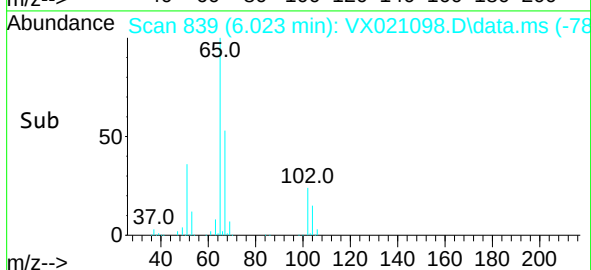
Tgt Ion: 56 Resp: 4128
Ion Ratio Lower Upper
56 100
69 170.1 25.3 37.9#
84 158.7 71.4 107.0#

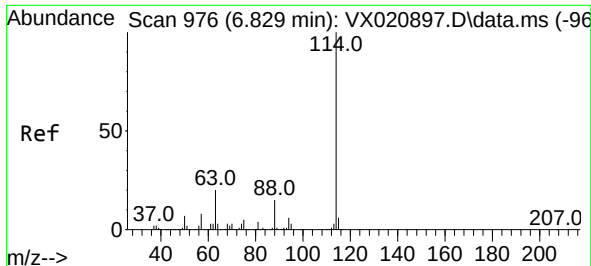


#33
1,2-Dichloroethane-d4
Concen: 49.59 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24



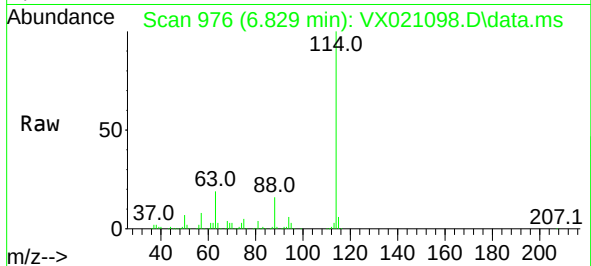
Tgt Ion: 65 Resp: 139397
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



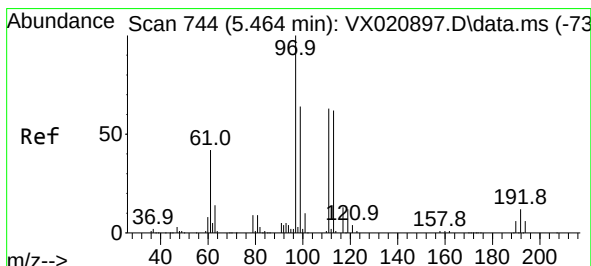
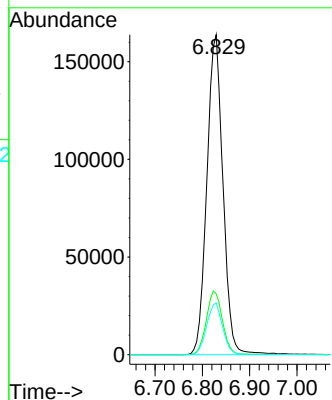
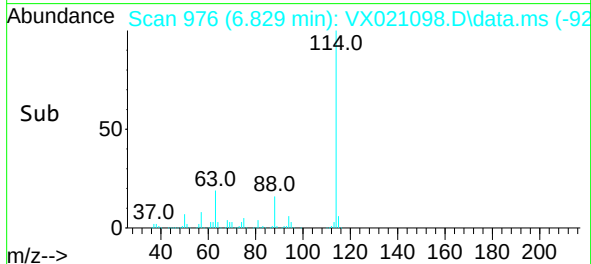


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

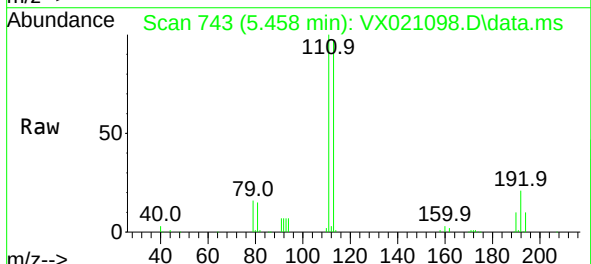
Instrument :
MSVOA_X
ClientSampled :



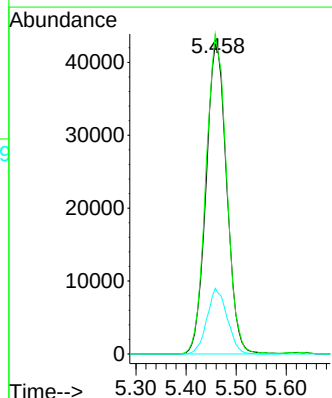
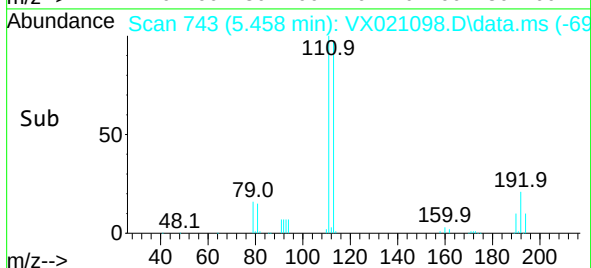
Tgt Ion:114 Resp: 386931
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.8
88 16.2 0.0 32.8

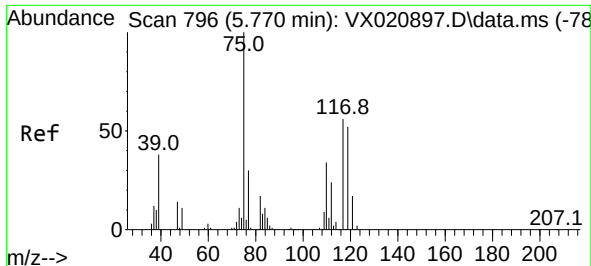


#35
Dibromofluoromethane
Concen: 51.91 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24



Tgt Ion:113 Resp: 122029
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.6 16.7 25.1

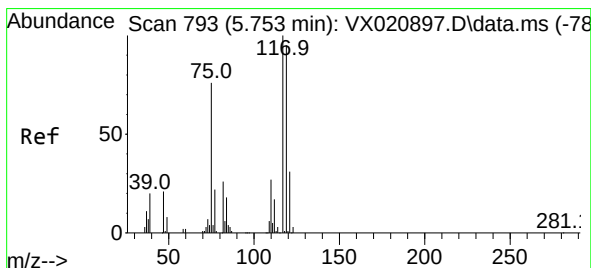
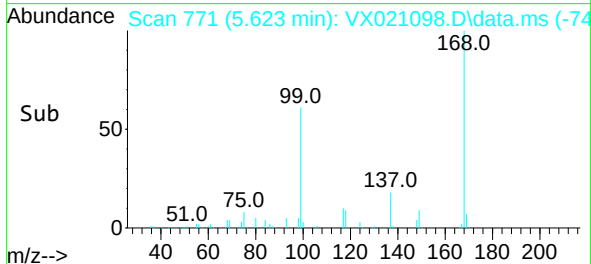
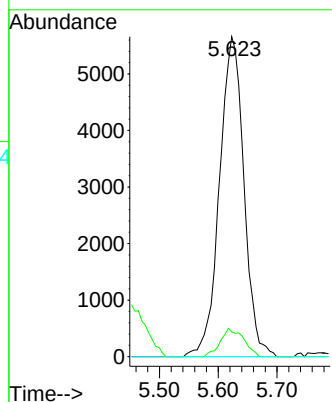
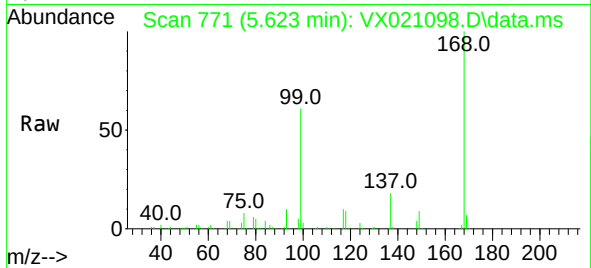




#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

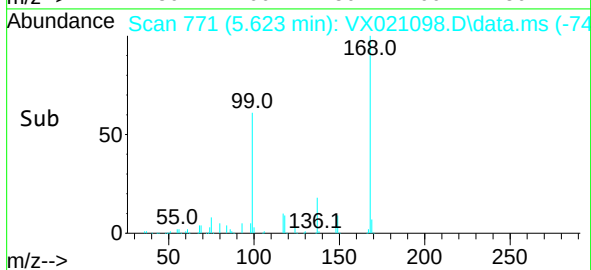
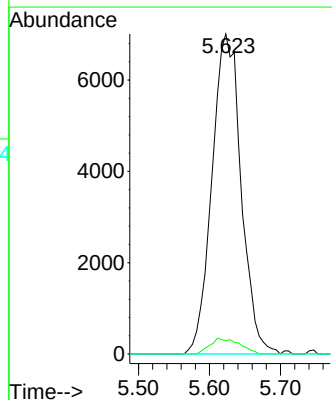
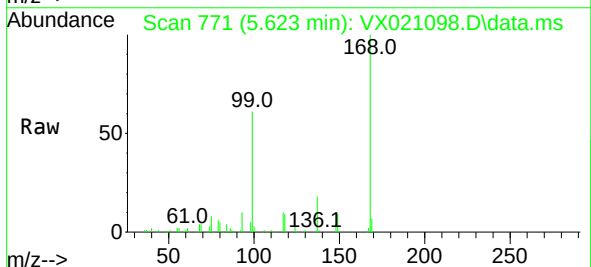
Instrument :
MSVOA_X
ClientSampled :

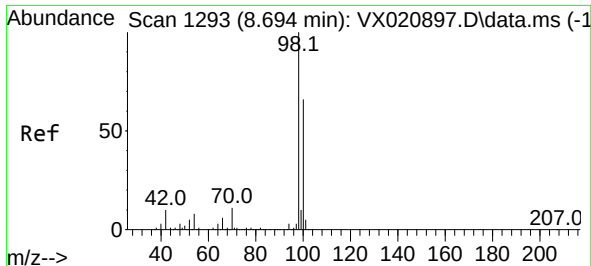
Tgt Ion: 75 Resp: 16345
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.61 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

Tgt Ion: 117 Resp: 19979
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

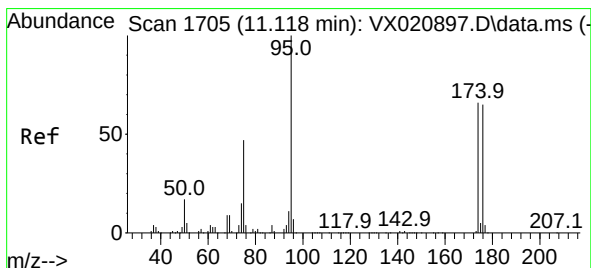
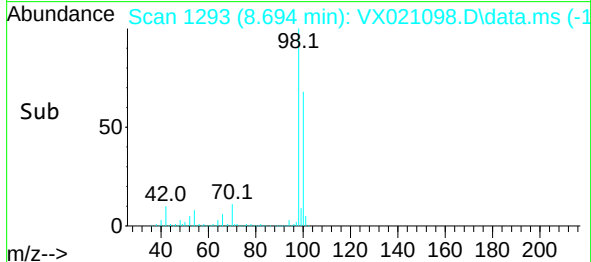
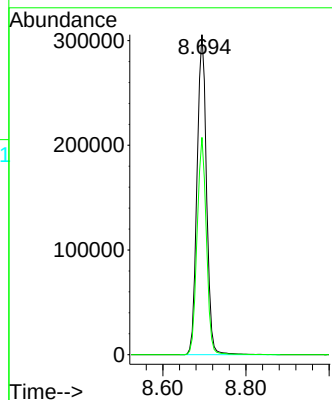
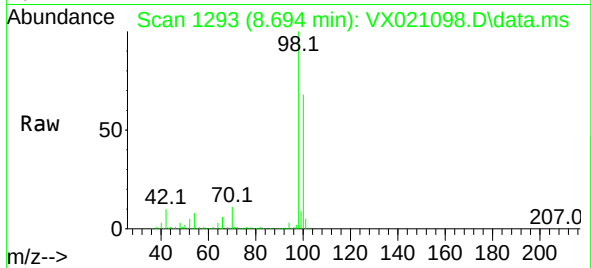




#50
Toluene-d8
Concen: 52.85 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

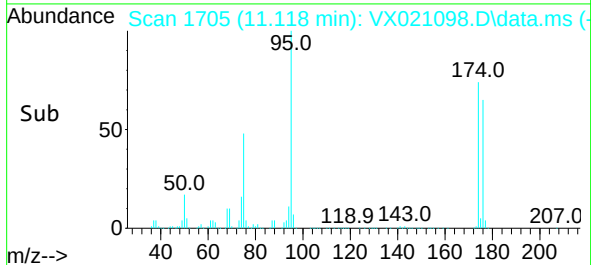
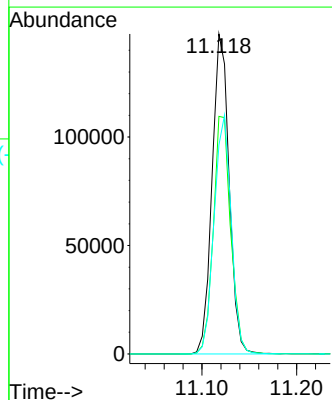
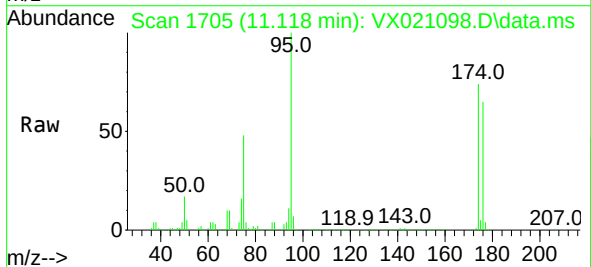
Instrument :
MSVOA_X
ClientSampled :

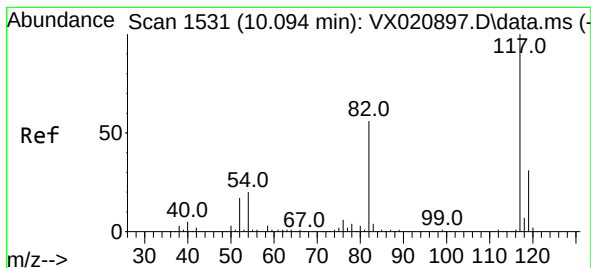
Tgt Ion: 98 Resp: 484438
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.40 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

Tgt Ion: 95 Resp: 184378
Ion Ratio Lower Upper
95 100
174 75.9 0.0 154.6
176 75.2 0.0 155.8

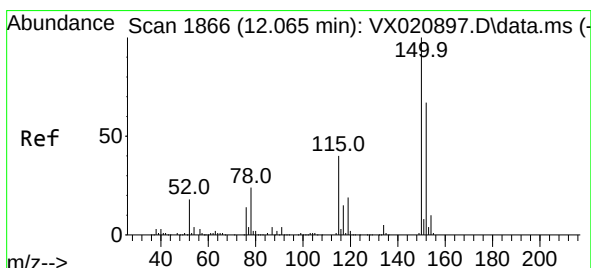
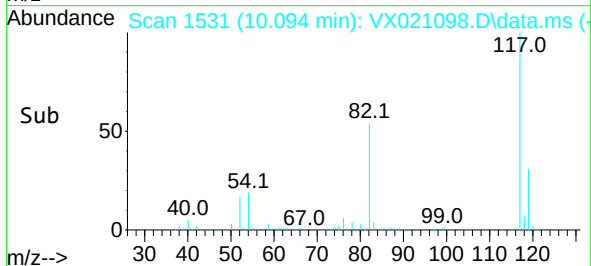
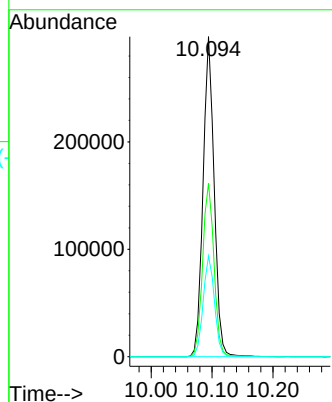
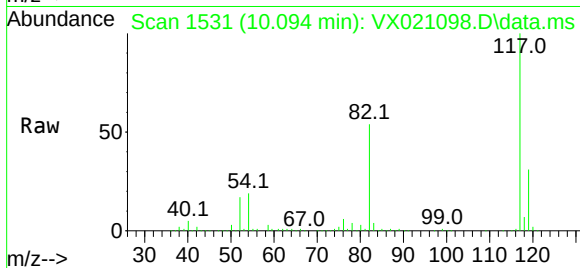




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

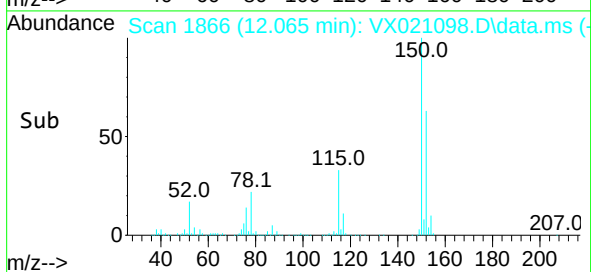
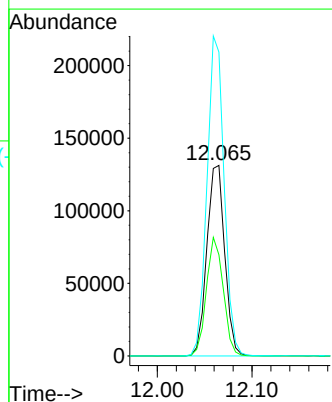
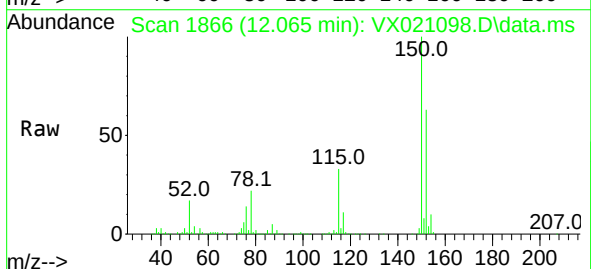
Instrument :
MSVOA_X
ClientSampled :

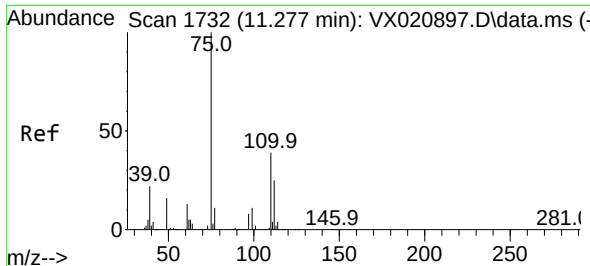
Tgt Ion:117 Resp: 378456
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

Tgt Ion:152 Resp: 172622
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 160.6 0.0 349.0

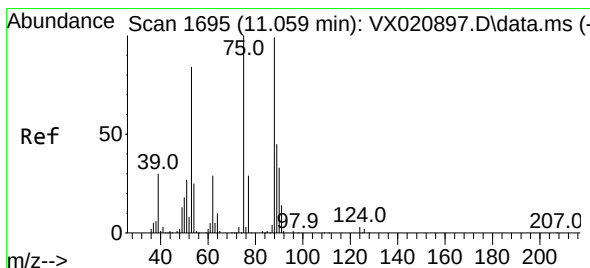
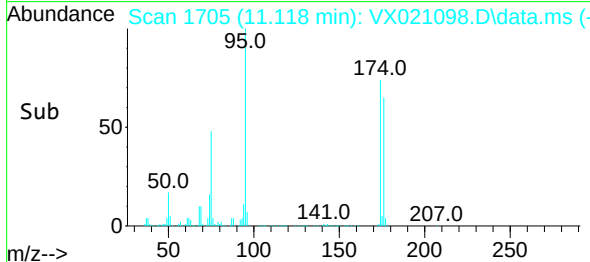
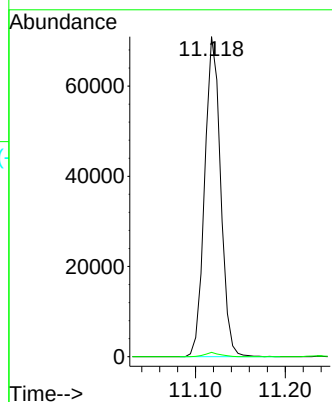
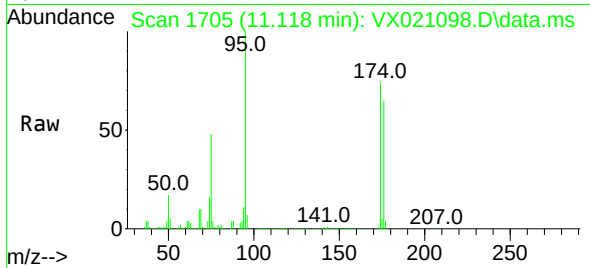




#76
1,2,3-Trichloropropane
Concen: 23.60 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

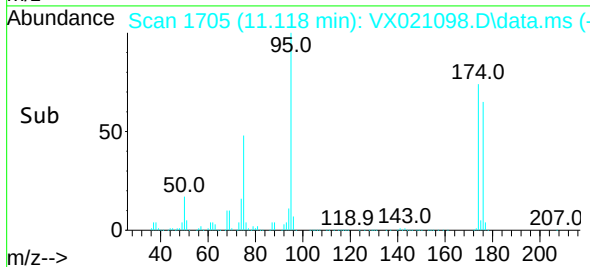
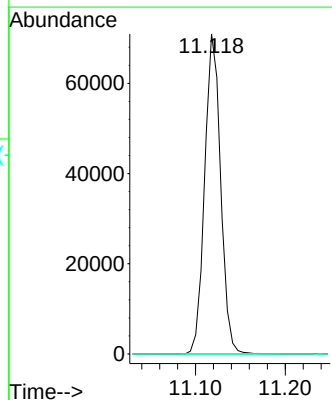
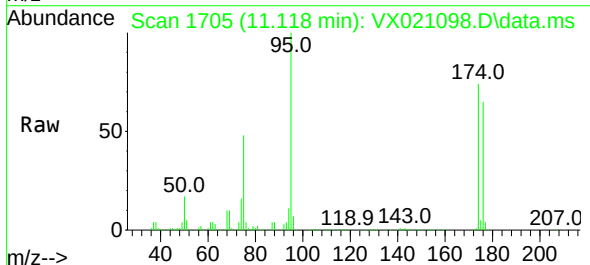
Instrument :
MSVOA_X
ClientSampled :

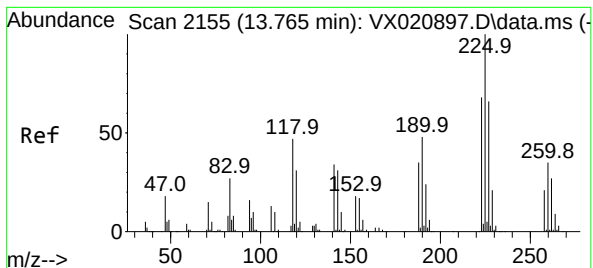
Tgt Ion: 75 Resp: 87622
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.24 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

Tgt Ion: 75 Resp: 87622
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
Hexachlorobutadiene
Concen: 0.22 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VX021098.D
Acq: 09 Mar 2021 10:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 308
Ion Ratio Lower Upper
225 100
223 58.4 31.1 93.2
227 57.8 31.6 95.0

