

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020986.D
 Acq On : 02 Mar 2021 23:42
 Operator : JC/MD
 Sample : M1536-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 01:21:46 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)

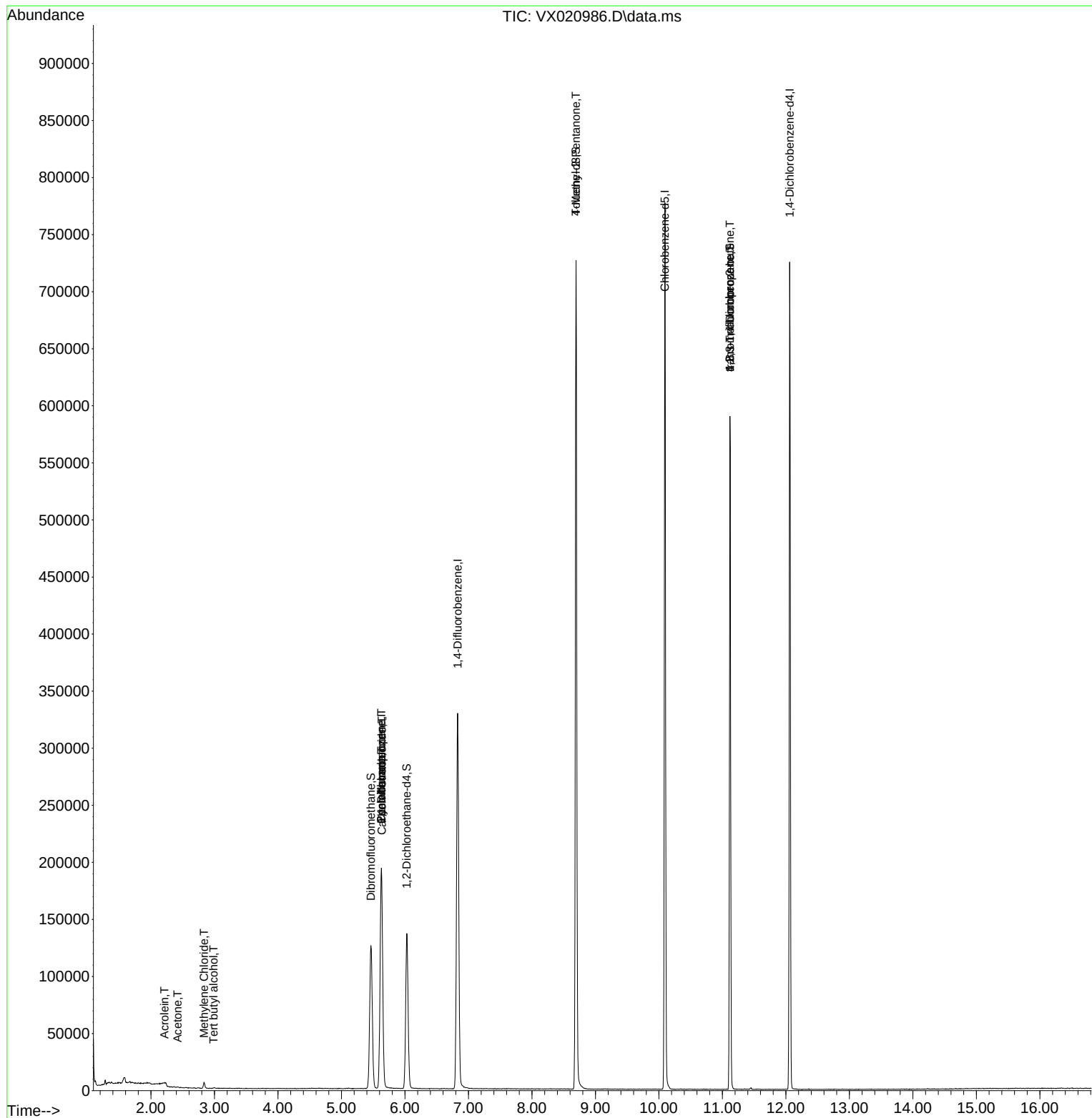
Internal Standards						
1) Pentafluorobenzene	5.629	168	185823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	352564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	359209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	155704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	128367	51.14	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 102.28%		
35) Dibromofluoromethane	5.464	113	112614	52.57	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 105.14%		
50) Toluene-d8	8.694	98	451269	54.03	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 108.06%		
62) 4-Bromofluorobenzene	11.118	95	170241	55.12	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 110.24%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.634	94	211	Below Cal		83
11) Tert butyl alcohol	2.987	59	303	0.54 ug/l	#	73
13) Acrolein	2.211	56	239	0.69 ug/l	#	66
16) Acetone	2.417	43	730	0.71 ug/l	#	60
20) Methylene Chloride	2.834	84	2226	0.90 ug/l		97
31) Cyclohexane	5.629	56	3686	1.01 ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	14917	4.45 ug/l	#	48
38) Carbon Tetrachloride	5.635	117	18389	5.66 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.694	43	1677	0.53 ug/l	#	1
76) 1,2,3-Trichloropropane	11.118	75	80698	24.09 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.118	75	80698	53.34 ug/l	#	12

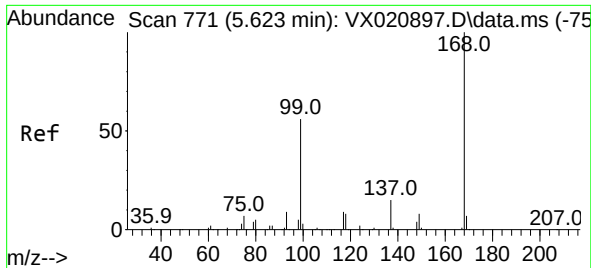
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Mar 03 01:21:46 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

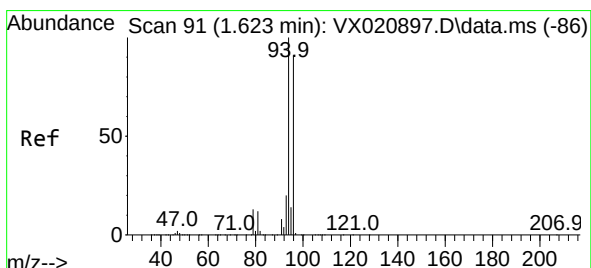
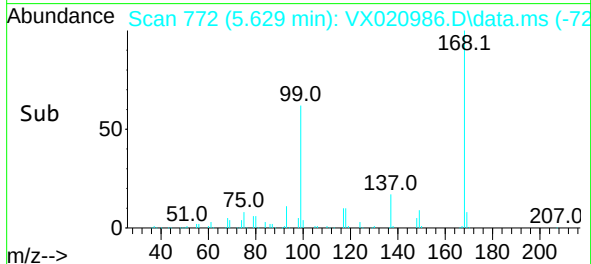
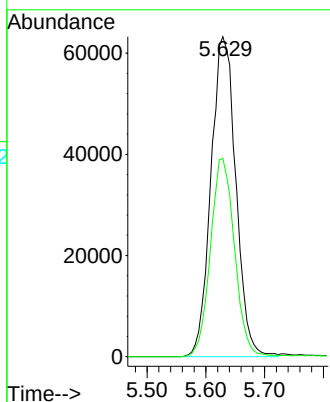
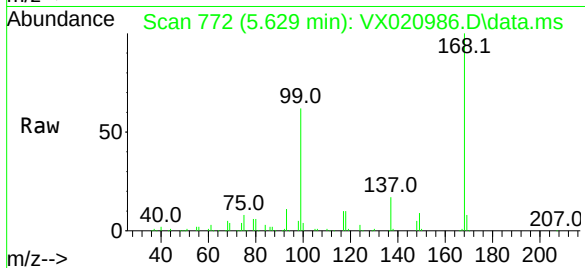




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

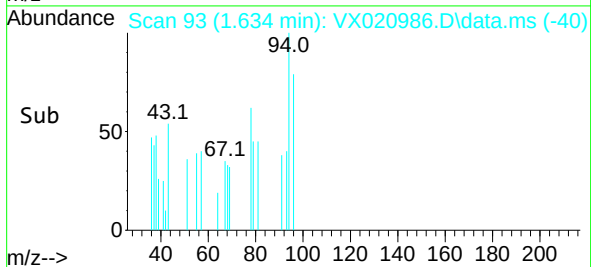
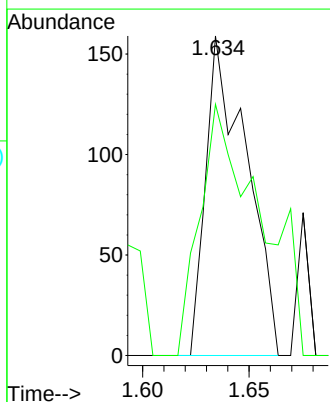
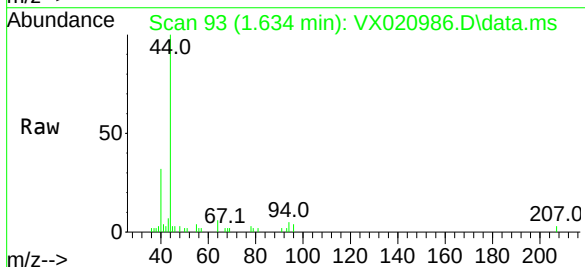
Instrument :
MSVOA_X
ClientSampled :

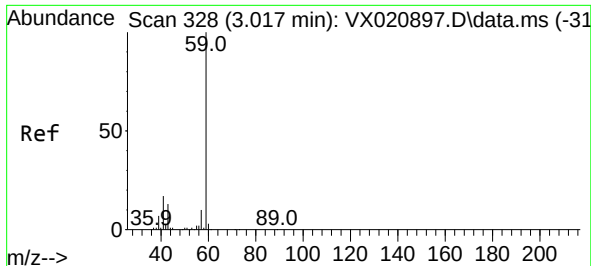
Tgt Ion:168 Resp: 185823
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

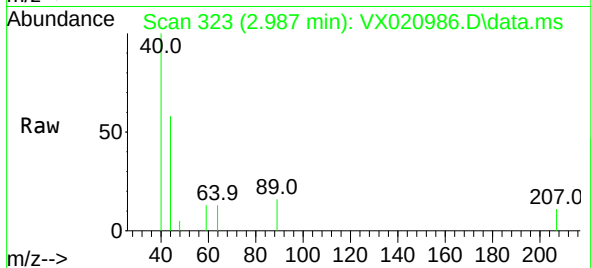
Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 78.6 76.4 114.6



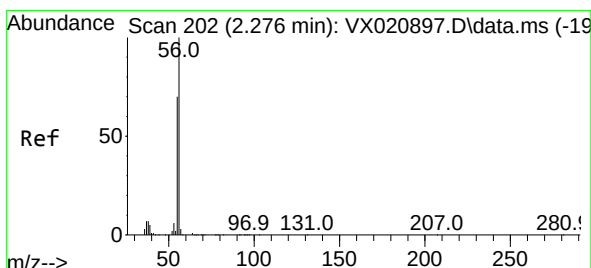
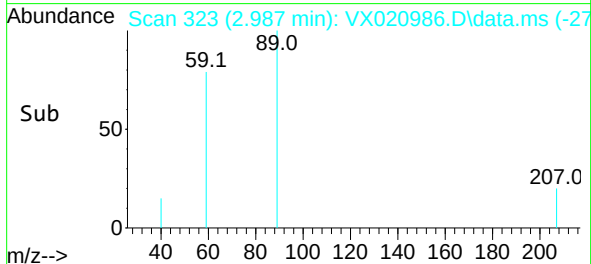
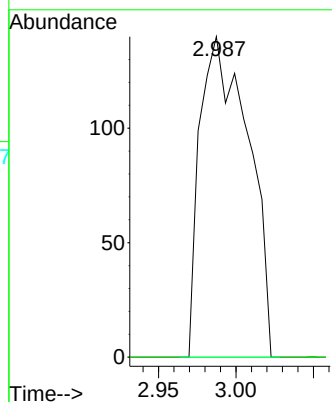


#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

Instrument :
MSVOA_X
ClientSampled :

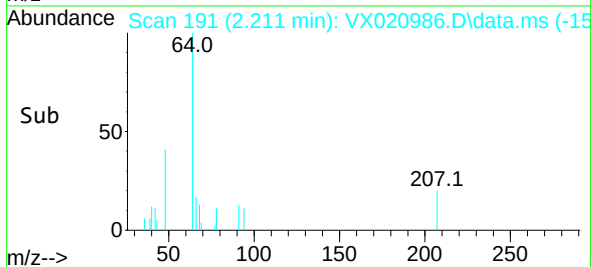
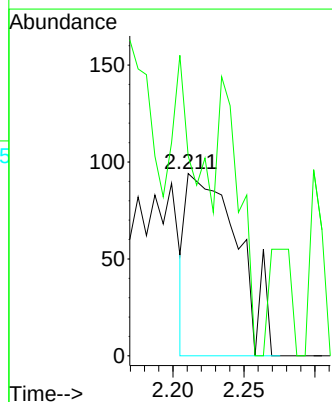
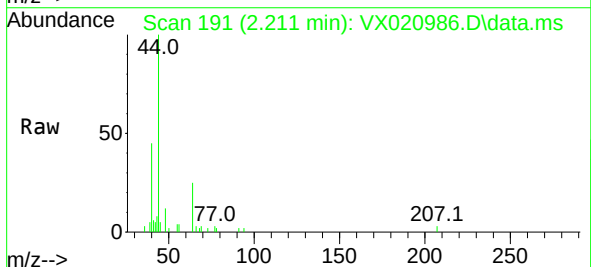


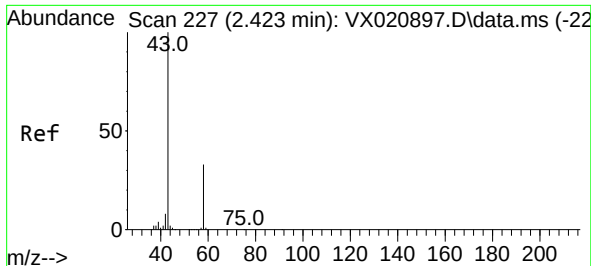
Tgt Ion: 59 Resp: 303
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.69 ug/l
RT: 2.211 min Scan# 191
Delta R.T. -0.065 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

Tgt Ion: 56 Resp: 239
Ion Ratio Lower Upper
56 100
55 42.7 56.4 84.6#

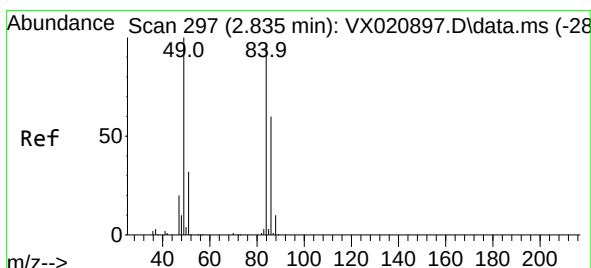
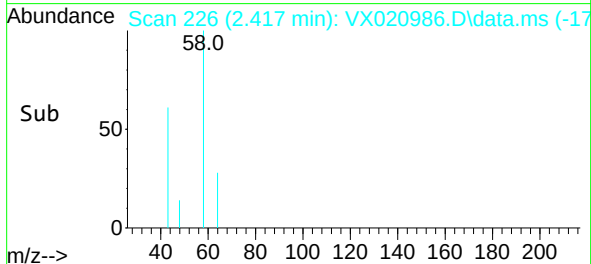
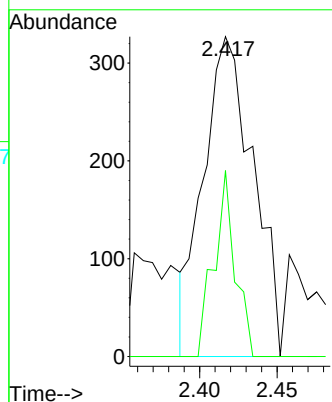
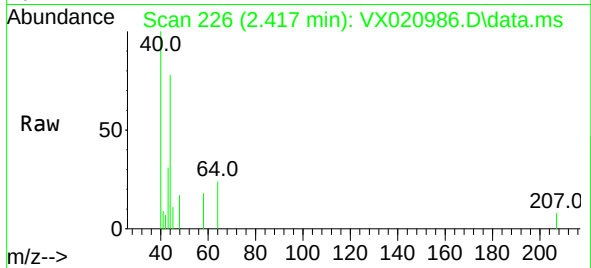




#16
Acetone
Concen: 0.71 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

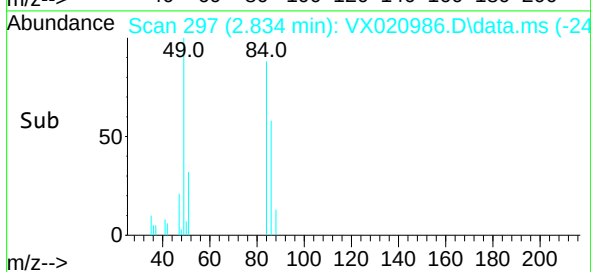
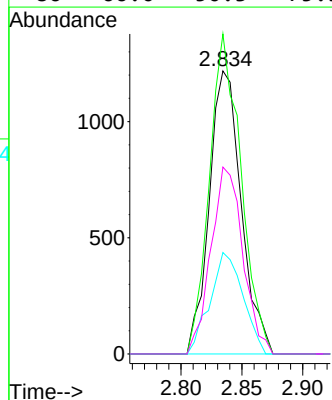
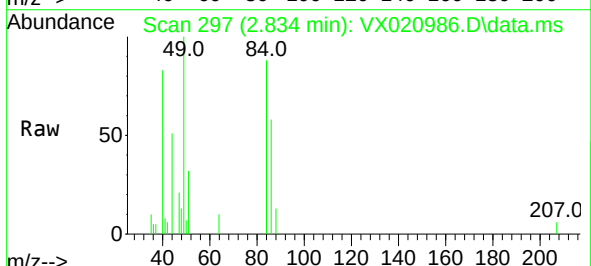
Instrument :
MSVOA_X
ClientSampled :

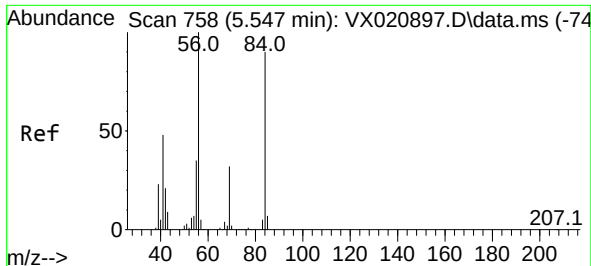
Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
58 58.1 27.8 41.8#



#20
Methylene Chloride
Concen: 0.90 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

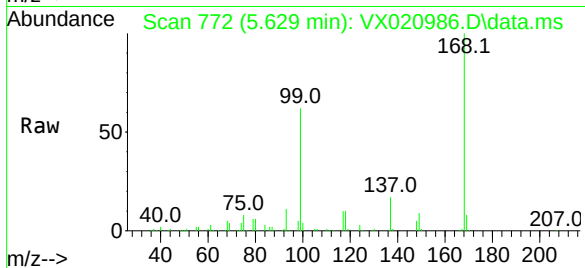
Tgt Ion: 84 Resp: 2226
Ion Ratio Lower Upper
84 100
49 113.1 88.6 132.8
51 35.9 27.0 40.6
86 66.0 50.3 75.5



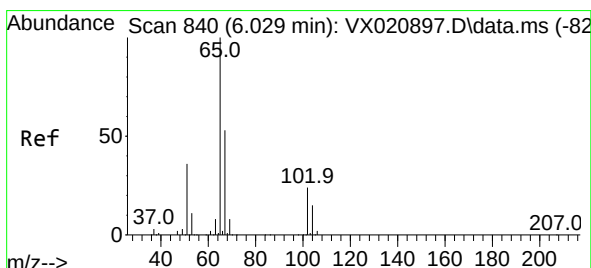
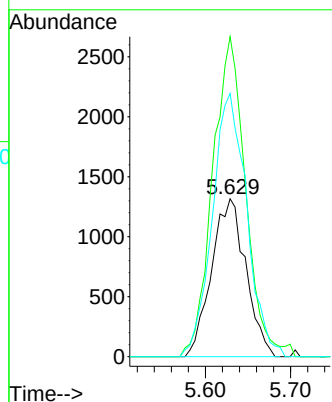
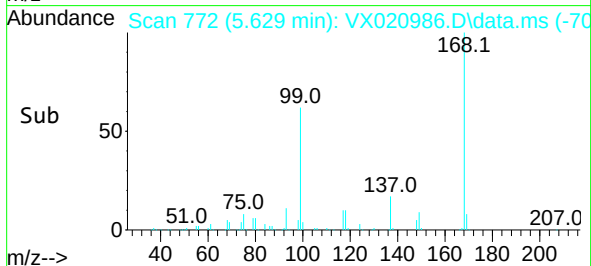


#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

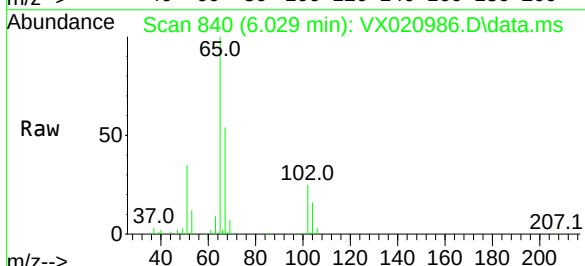
Instrument :
MSVOA_X
ClientSampled :



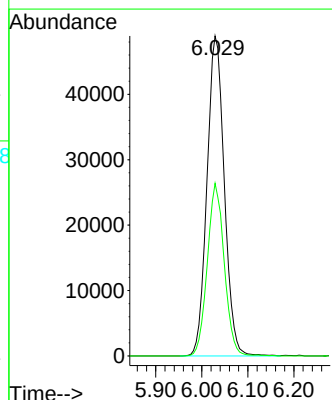
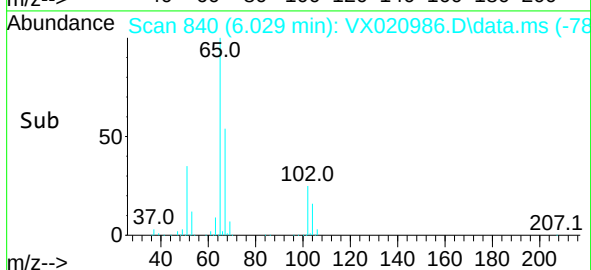
Tgt Ion: 56 Resp: 3686
Ion Ratio Lower Upper
56 100
69 202.6 25.3 37.9#
84 166.6 71.4 107.0#

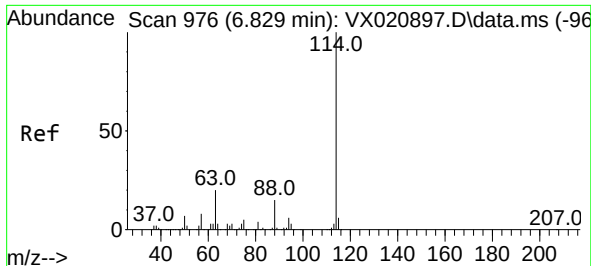


#33
1,2-Dichloroethane-d4
Concen: 51.14 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42



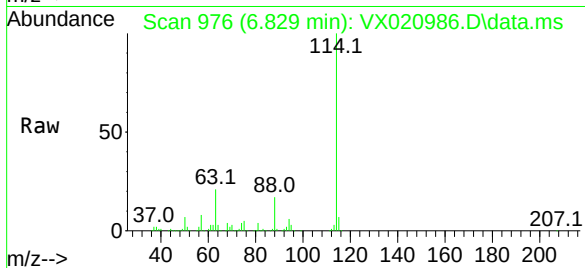
Tgt Ion: 65 Resp: 128367
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4



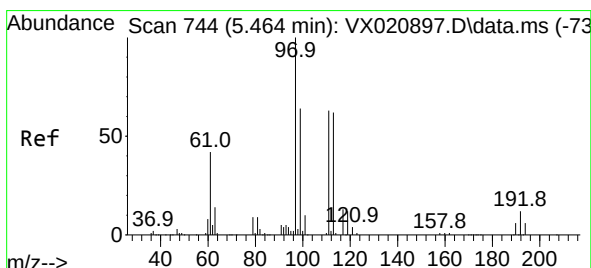
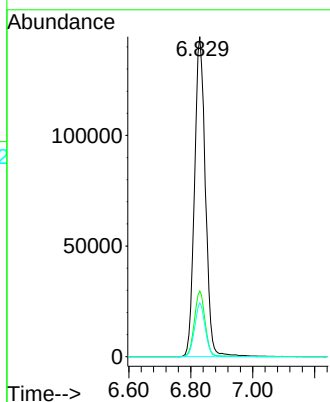
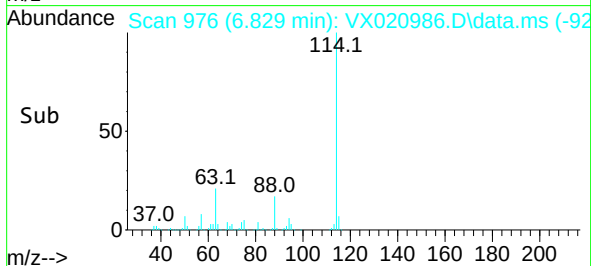


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

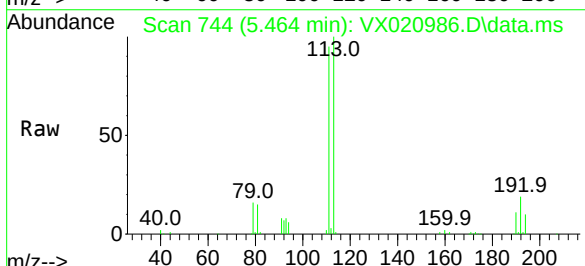
Instrument :
MSVOA_X
ClientSampled :



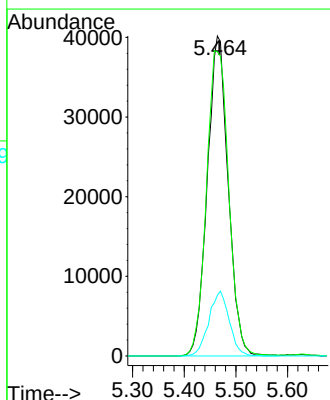
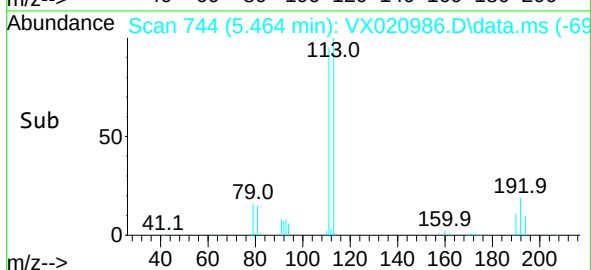
Tgt Ion:114 Resp: 352564
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.8 0.0 32.8

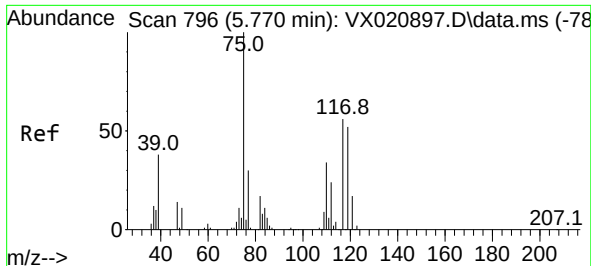


#35
Dibromofluoromethane
Concen: 52.57 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42



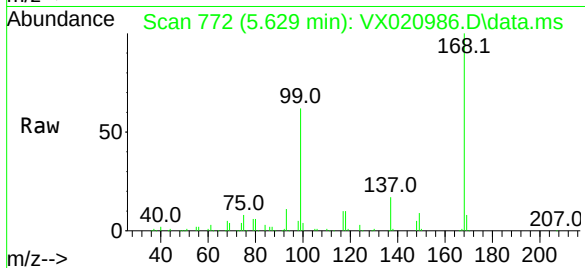
Tgt Ion:113 Resp: 112614
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.8 16.7 25.1



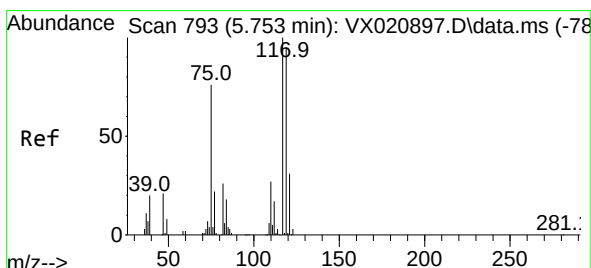
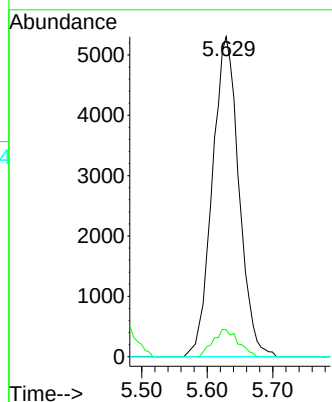
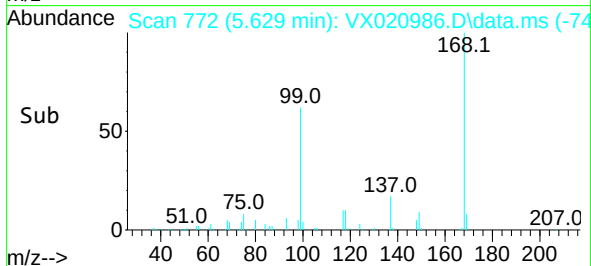


#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

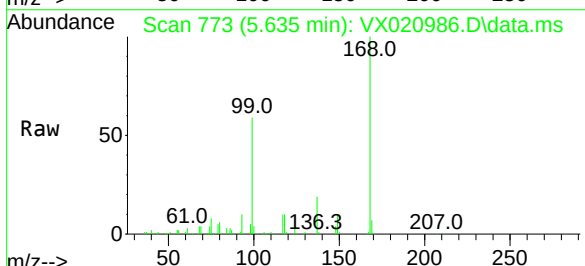
Instrument :
MSVOA_X
ClientSampleId :



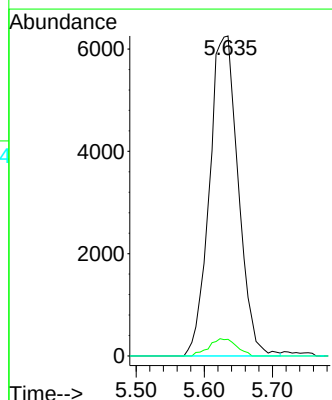
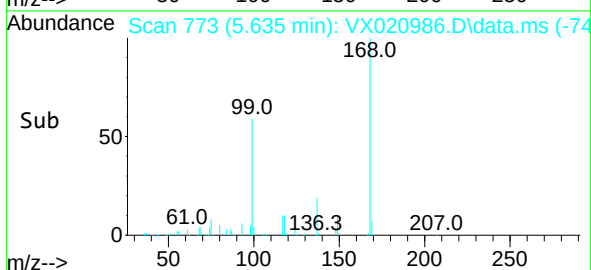
Tgt Ion: 75 Resp: 14917
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#

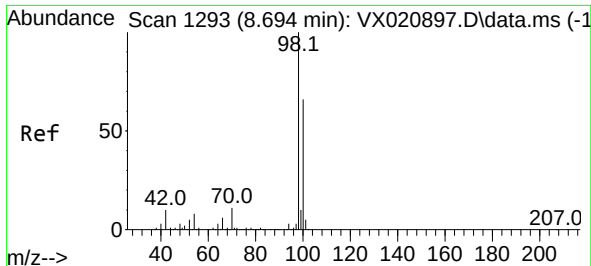


#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.118 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42



Tgt Ion: 117 Resp: 18389
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

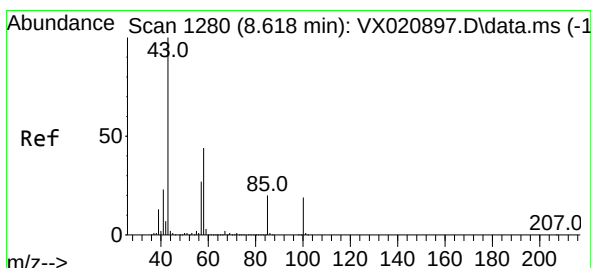
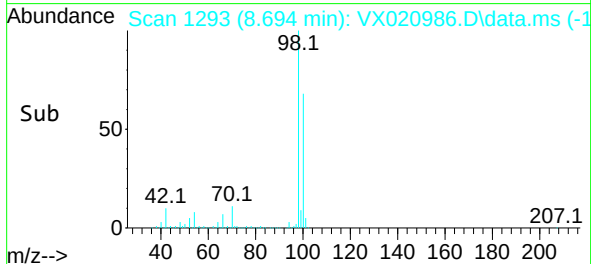
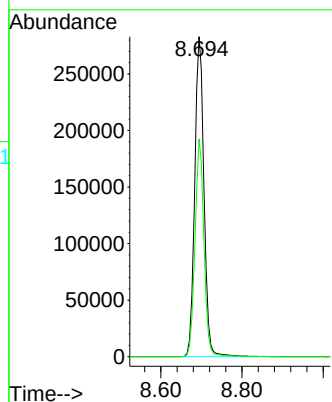
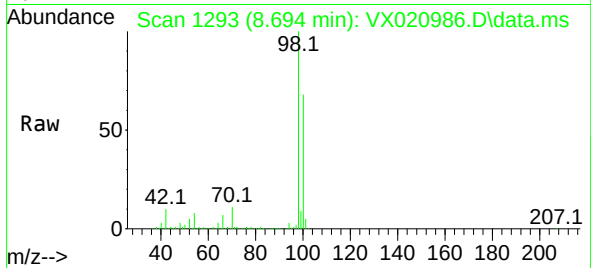




#50
Toluene-d8
Concen: 54.03 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

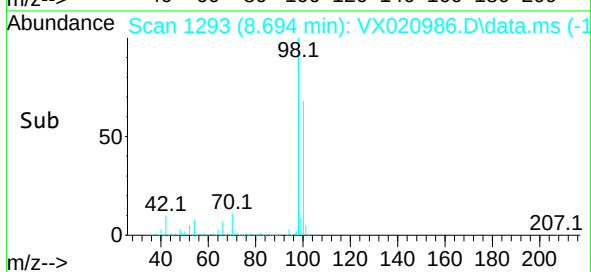
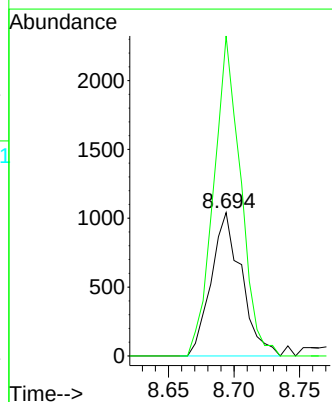
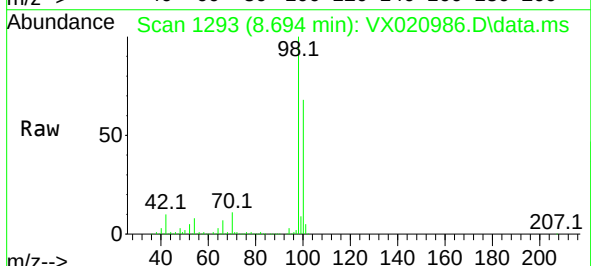
Instrument :
MSVOA_X
ClientSampled :

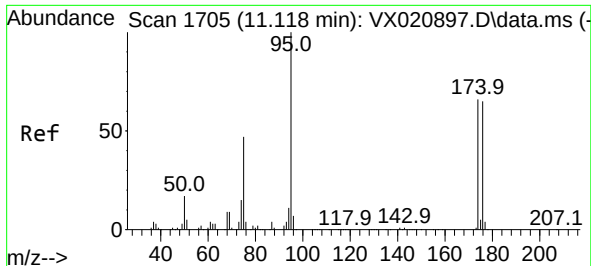
Tgt Ion: 98 Resp: 451269
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
58 198.3 35.4 53.0#

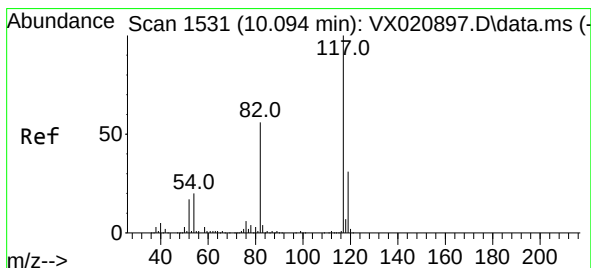
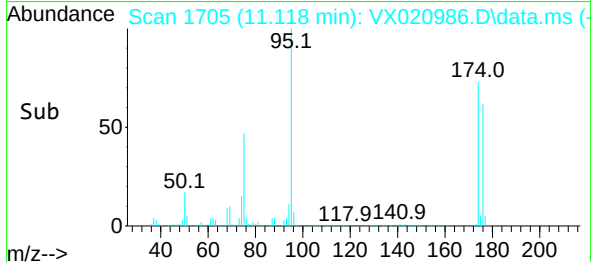
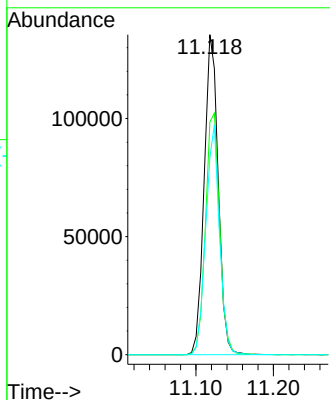
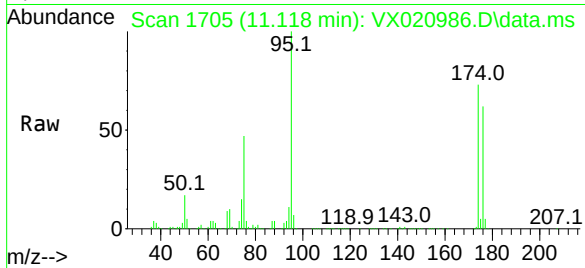




#62
4-Bromofluorobenzene
Concen: 55.12 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

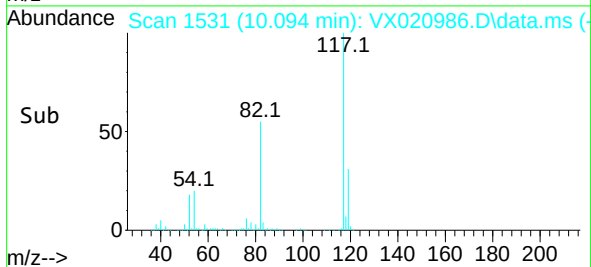
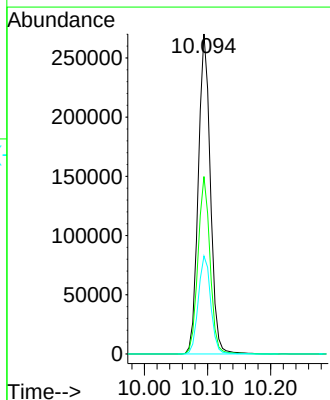
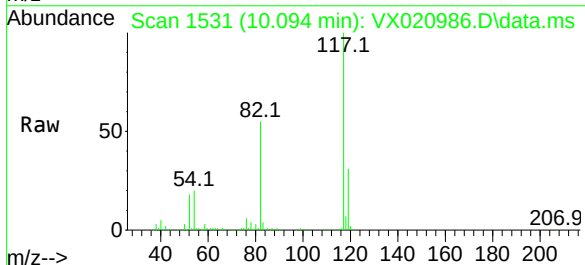
Instrument :
MSVOA_X
ClientSampled :

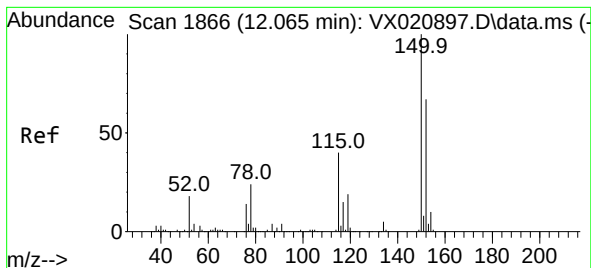
Tgt Ion: 95 Resp: 170241
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 70.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

Tgt Ion: 117 Resp: 359209
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 30.6 26.6 39.8

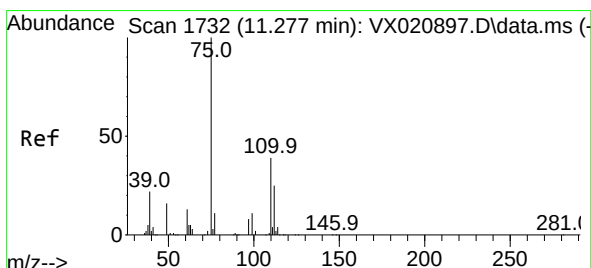
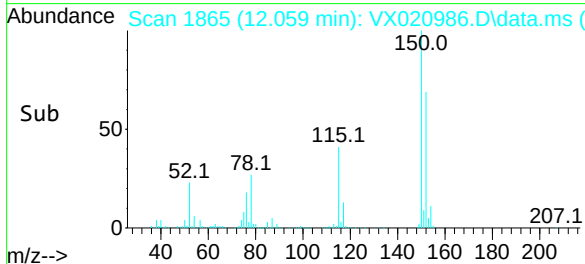
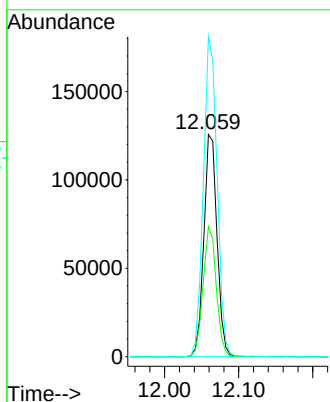
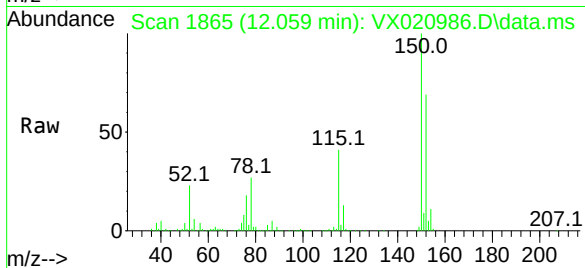




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

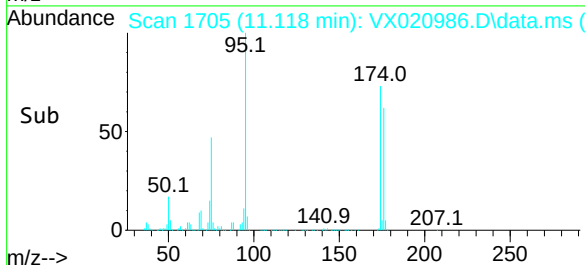
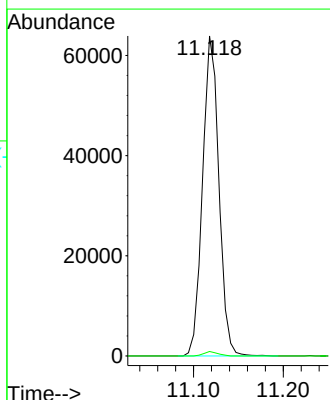
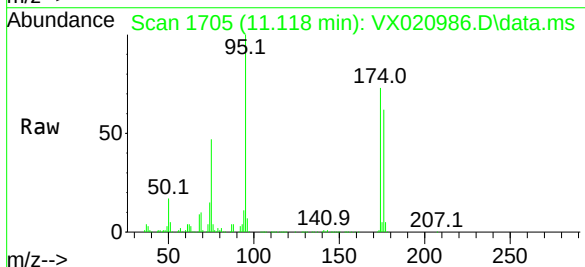
Instrument :
MSVOA_X
ClientSampleId :

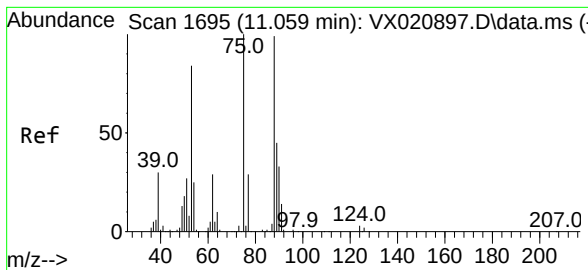
Tgt Ion:152 Resp: 155704
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 150.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020986.D
Acq: 02 Mar 2021 23:42

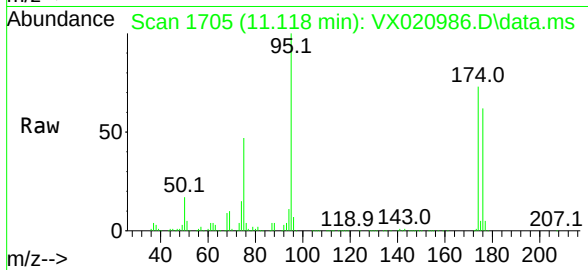
Tgt Ion: 75 Resp: 80698
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.34 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX020986.D
 Acq: 02 Mar 2021 23:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 80698
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

