

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022155.D
 Acq On : 24 May 2021 18:10
 Operator : JC/MD
 Sample : M2504-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: May 25 02:08:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

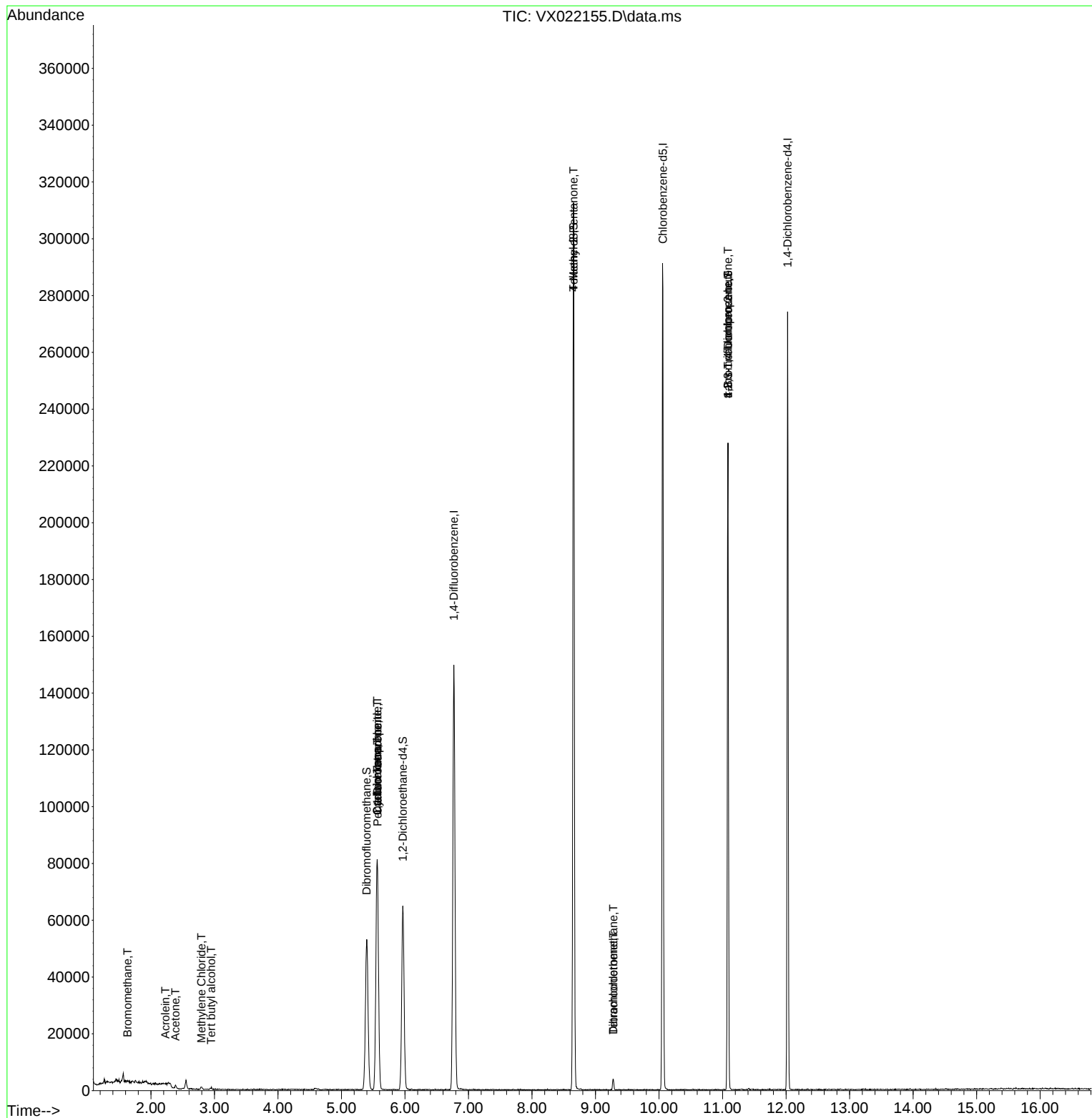
Internal Standards						
1) Pentafluorobenzene	5.568	168	71945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	148909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	128885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57740	52.03	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.06%
35) Dibromofluoromethane	5.397	113	47270	50.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.12%
50) Toluene-d8	8.653	98	181104	49.79	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.58%
62) 4-Bromofluorobenzene	11.085	95	62613	46.57	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.14%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	200	0.34	ug/l #	2
11) Tert butyl alcohol	2.946	59	269	1.06	ug/l #	73
13) Acrolein	2.227	56	169	1.00	ug/l #	60
16) Acetone	2.386	43	1113	2.30	ug/l	89
20) Methylene Chloride	2.794	84	350	0.33	ug/l #	74
31) Cyclohexane	5.562	56	1826	1.31	ug/l #	42
36) 1,1-Dichloropropene	5.562	75	6787	4.93	ug/l #	47
38) Carbon Tetrachloride	5.562	117	8326	6.18	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	854	0.52	ug/l #	1
60) Dibromochloromethane	9.281	129	636	0.60	ug/l #	11
64) Tetrachloroethene	9.281	164	604	0.71	ug/l #	83
76) 1,2,3-Trichloropropane	11.085	75	31911	25.85	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	31911	61.25	ug/l #	12

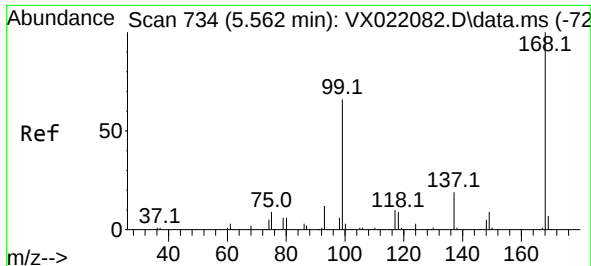
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
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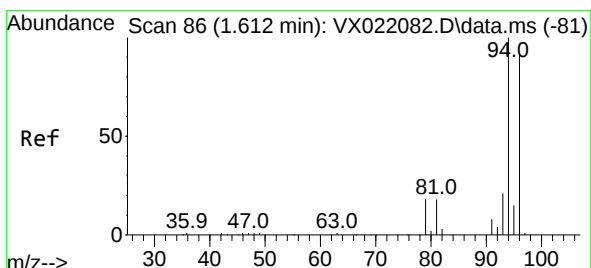
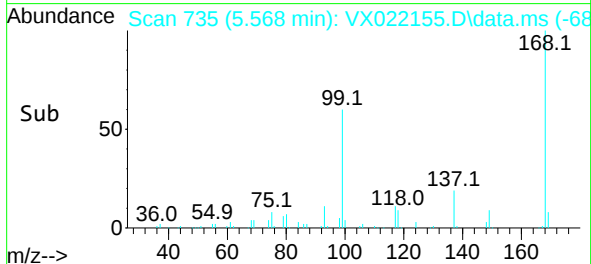
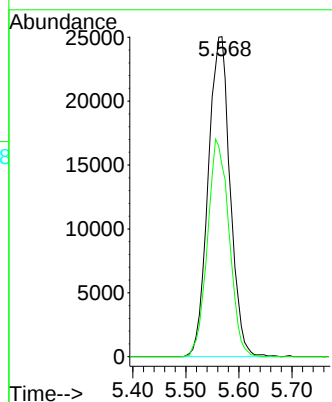
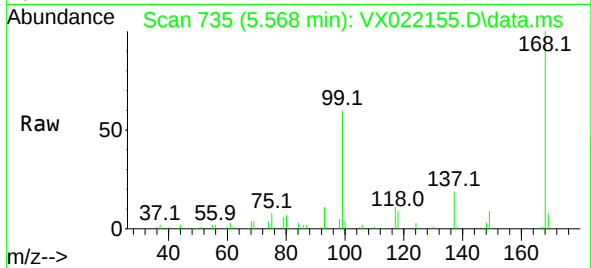




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

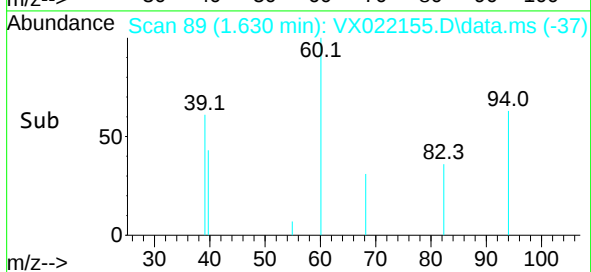
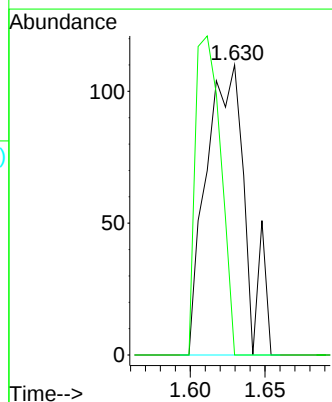
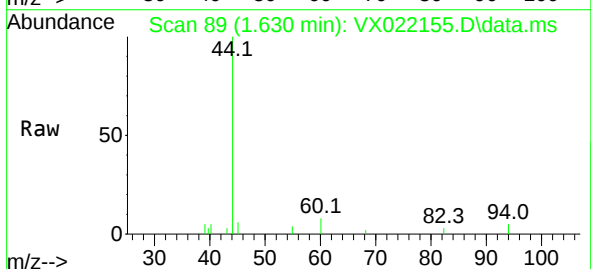
Instrument :
MSVOA_X
ClientSampleId :
MW-3

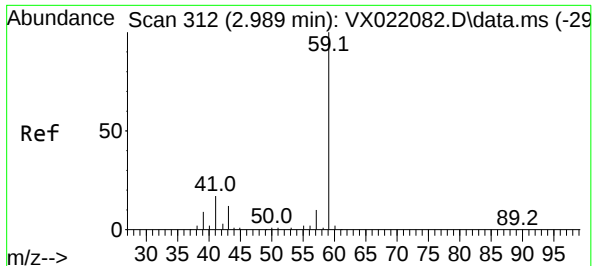
Tgt Ion:168 Resp: 71945
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.018 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



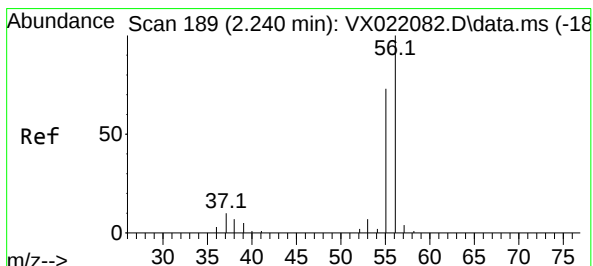
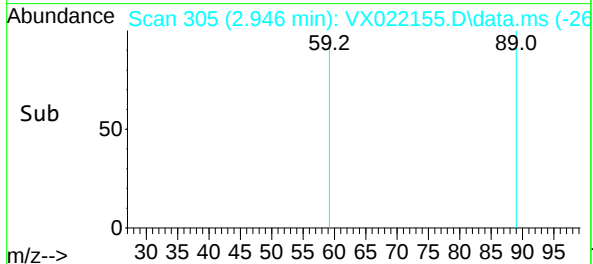
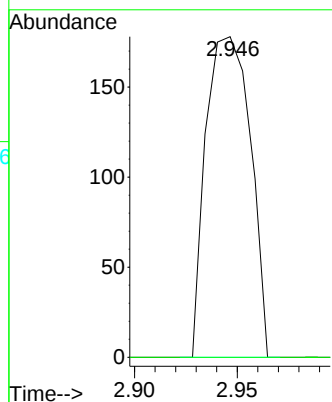
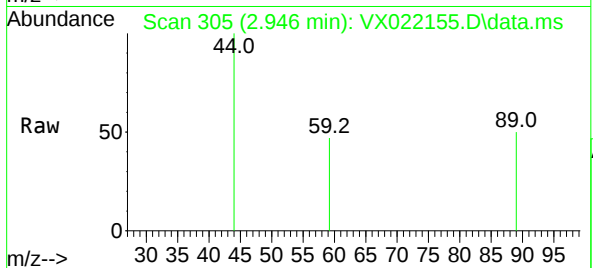


#11

Tert butyl alcohol
Concen: 1.06 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

Instrument :
MSVOA_X
ClientSampled :
MW-3

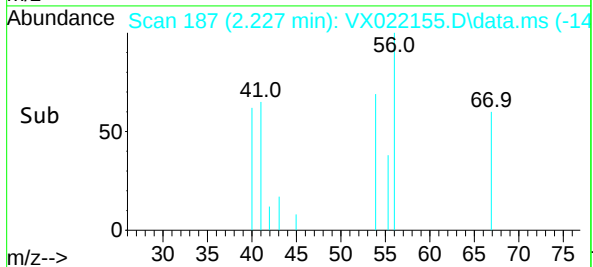
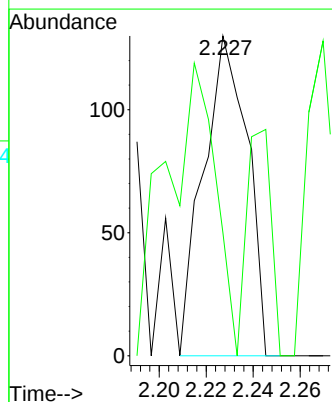
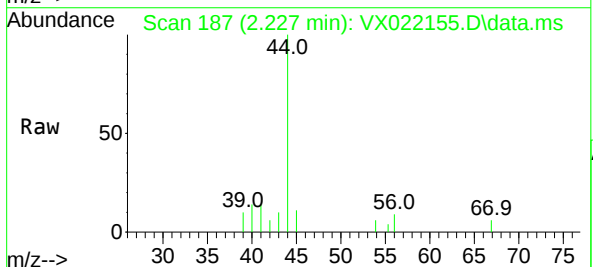
Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

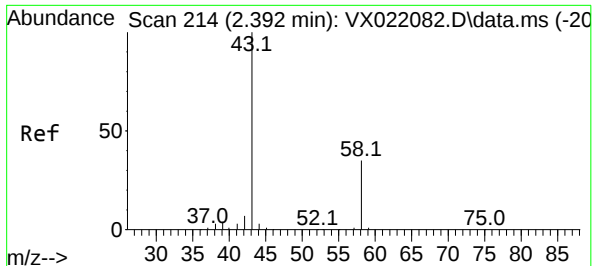


#13

Acrolein
Concen: 1.00 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.013 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 103.6 56.4 84.6#

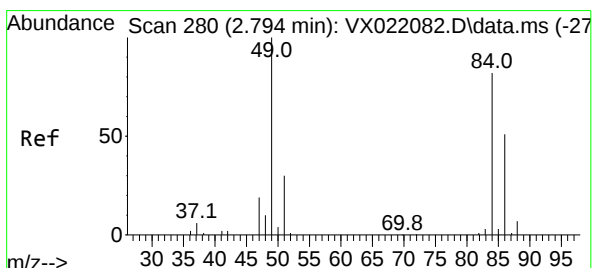
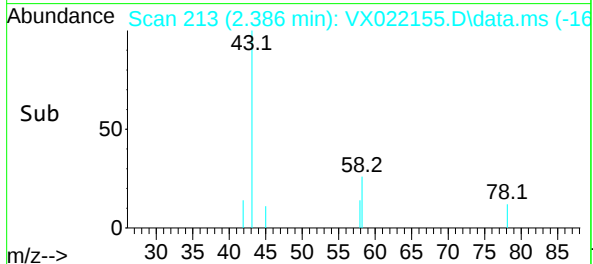
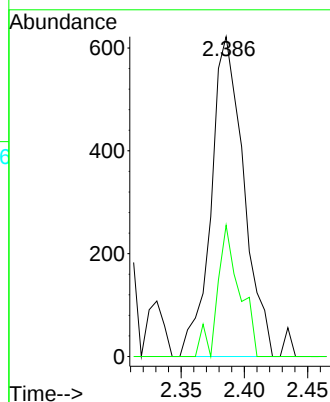
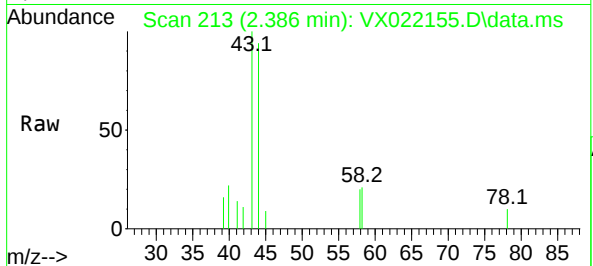




#16
Acetone
Concen: 2.30 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

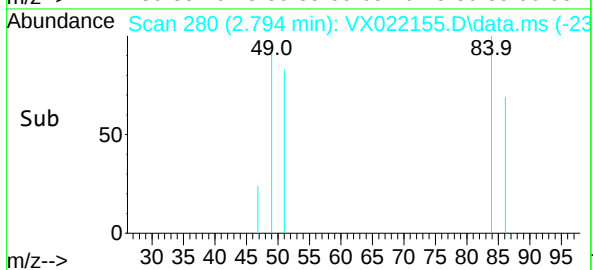
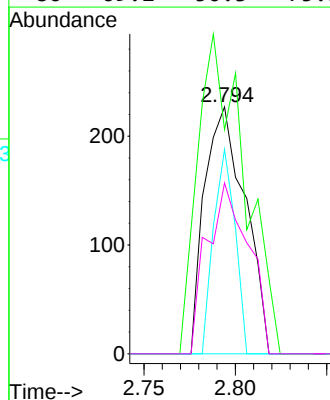
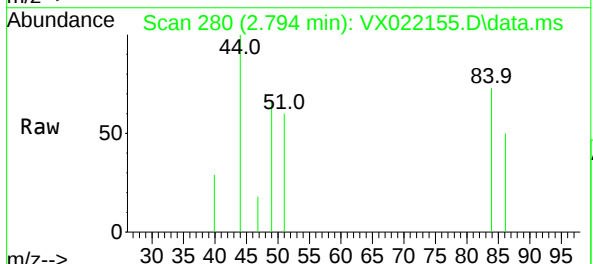
Instrument :
MSVOA_X
ClientSampled :
MW-3

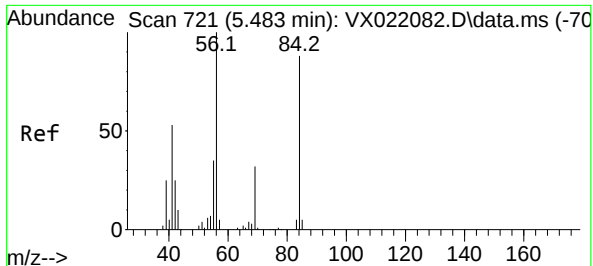
Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
58 41.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.33 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

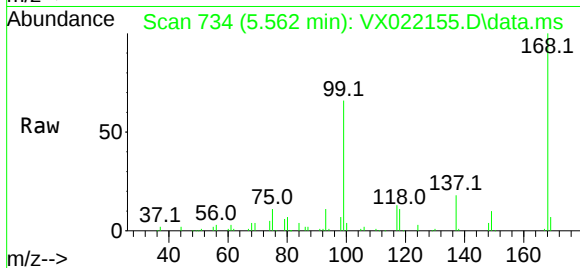
Tgt Ion: 84 Resp: 350
Ion Ratio Lower Upper
84 100
49 90.7 88.6 132.8
51 82.8 27.0 40.6#
86 69.2 50.3 75.5



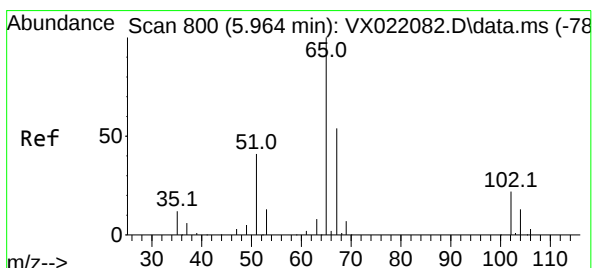
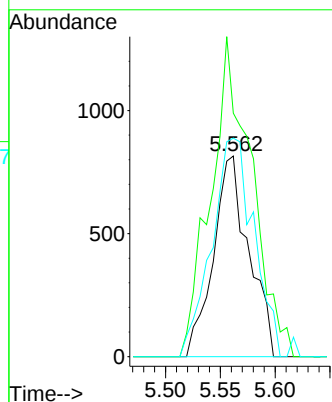
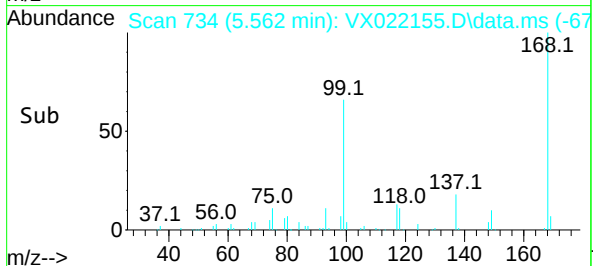


#31
Cyclohexane
Concen: 1.31 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

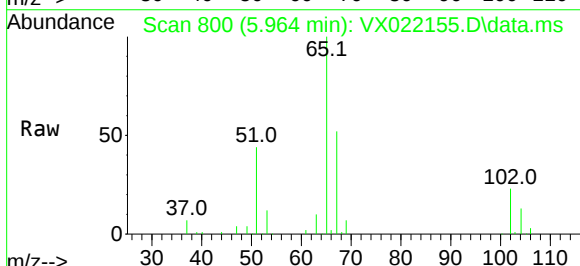
Instrument :
MSVOA_X
ClientSampled :
MW-3



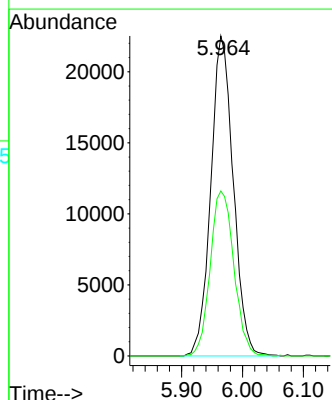
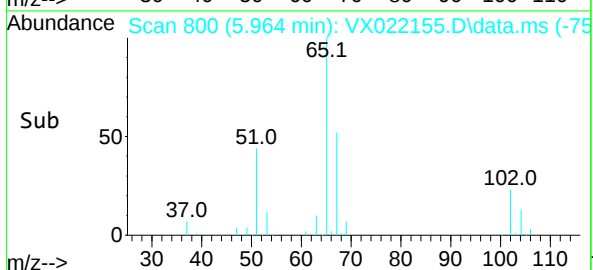
Tgt Ion: 56 Resp: 1826
Ion Ratio Lower Upper
56 100
69 121.3 25.3 37.9#
84 109.0 71.4 107.0#

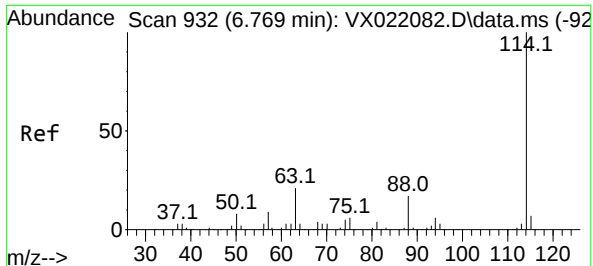


#33
1,2-Dichloroethane-d4
Concen: 52.03 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10



Tgt Ion: 65 Resp: 57740
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.4

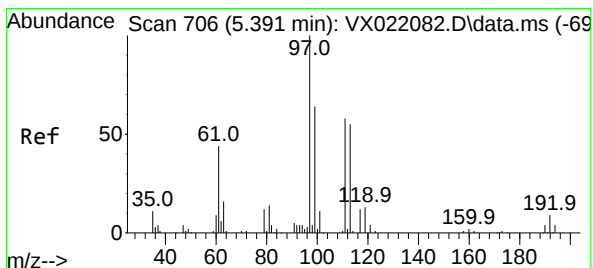
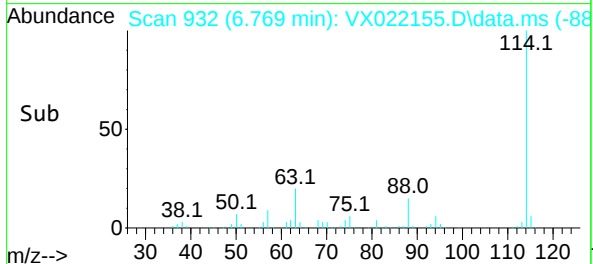
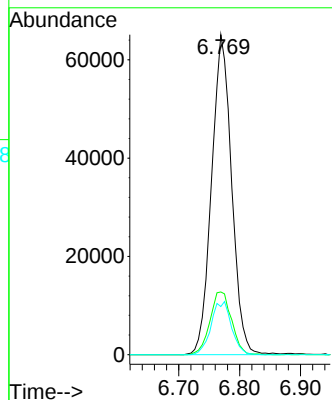
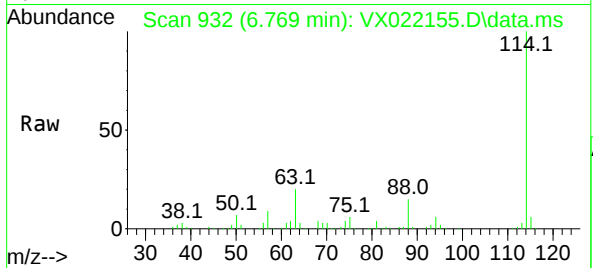




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

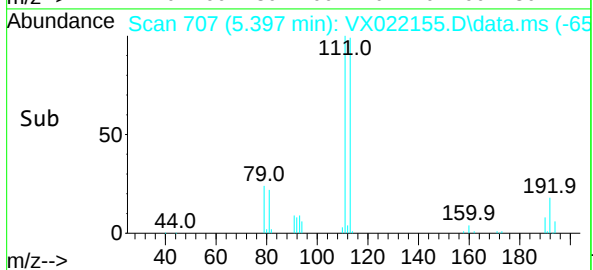
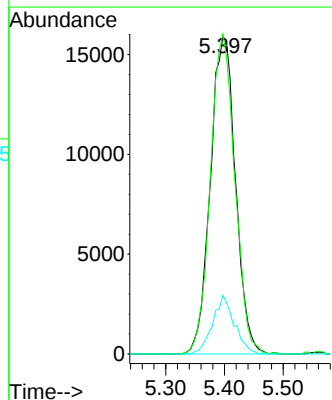
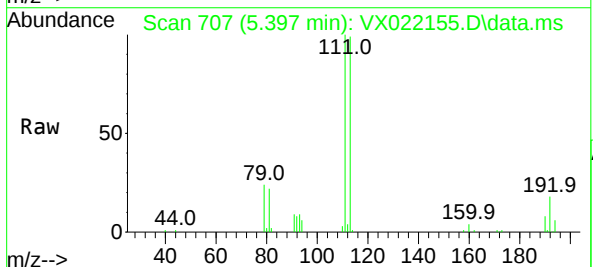
Instrument :
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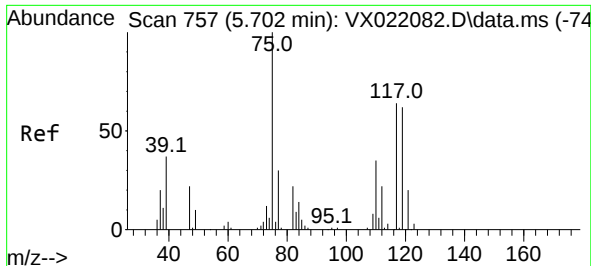
Tgt Ion:114 Resp: 148909
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 15.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.06 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

Tgt Ion:113 Resp: 47270
Ion Ratio Lower Upper
113 100
111 98.1 81.9 122.9
192 15.8 16.7 25.1#

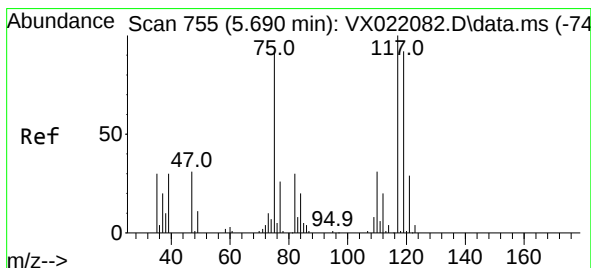
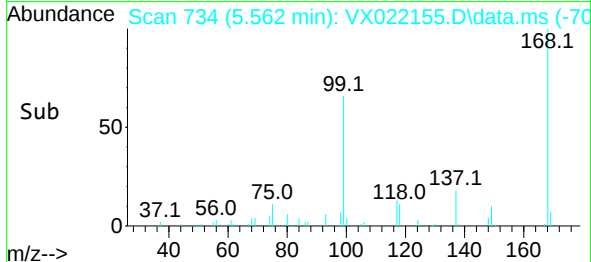
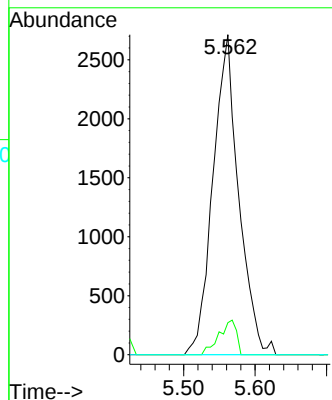
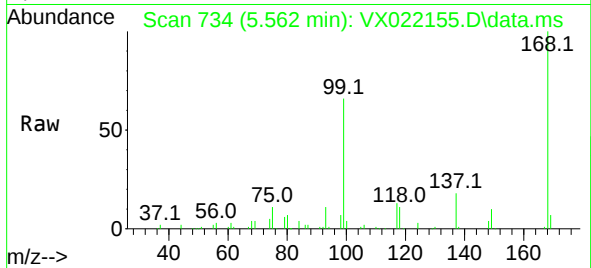




#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

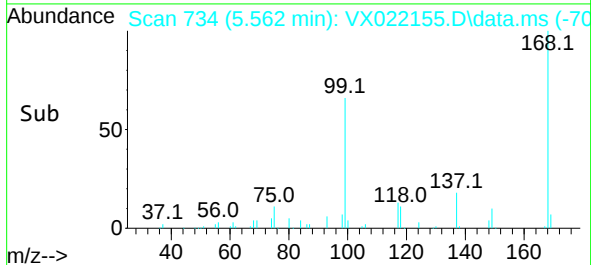
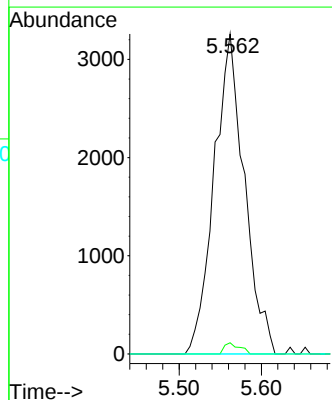
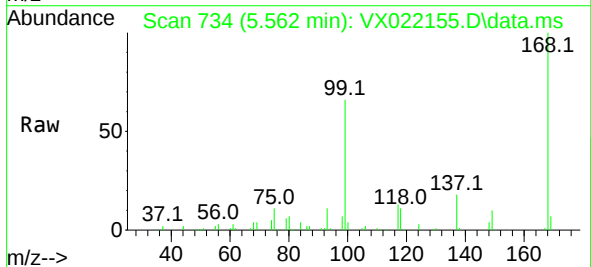
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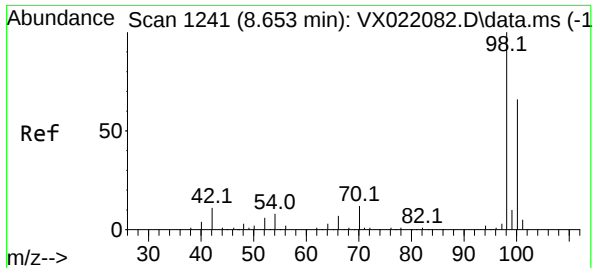
Tgt Ion: 75 Resp: 6787
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

Tgt Ion: 117 Resp: 8326
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#

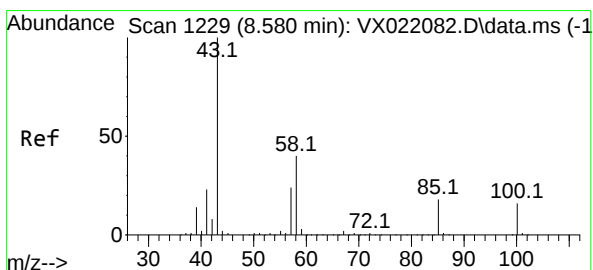
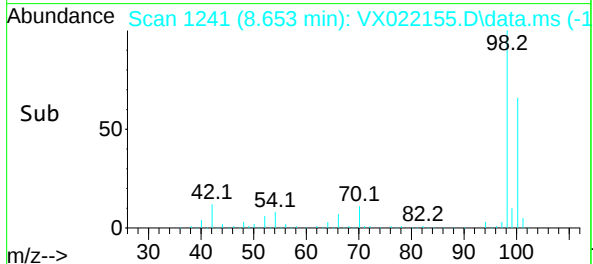
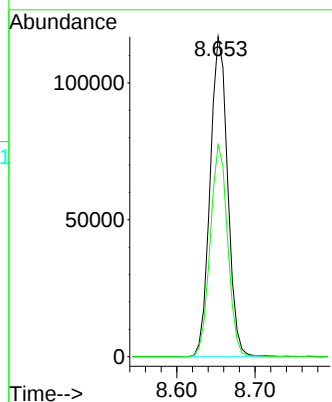
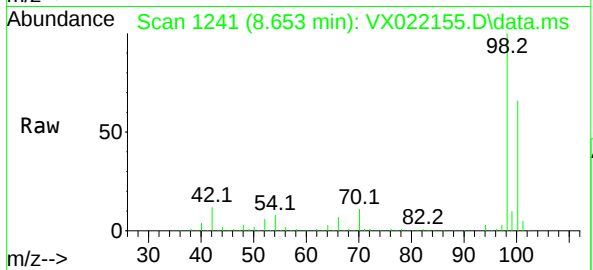




#50
Toluene-d8
Concen: 49.79 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

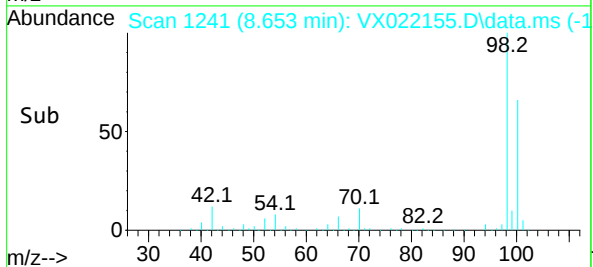
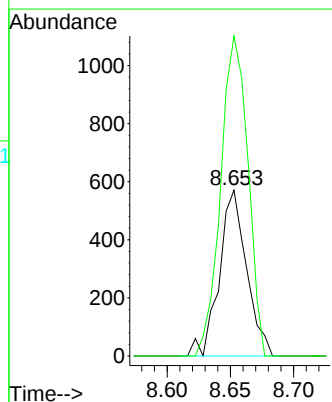
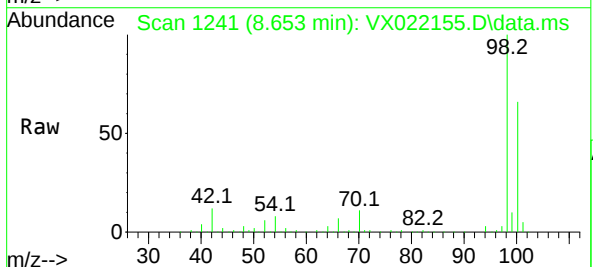
Instrument :
MSVOA_X
ClientSampleId :
MW-3

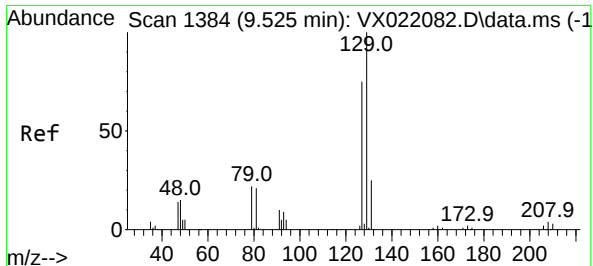
Tgt Ion: 98 Resp: 181104
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
58 192.9 35.4 53.0#

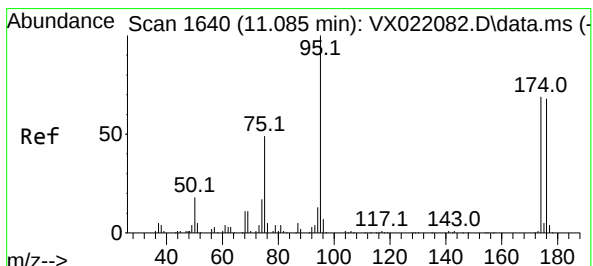
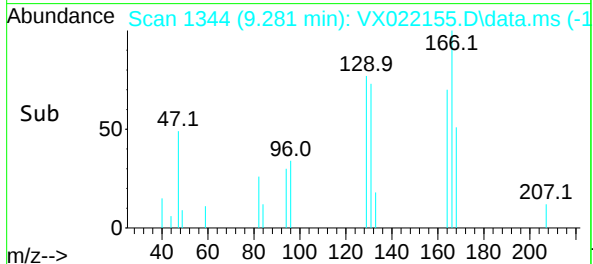
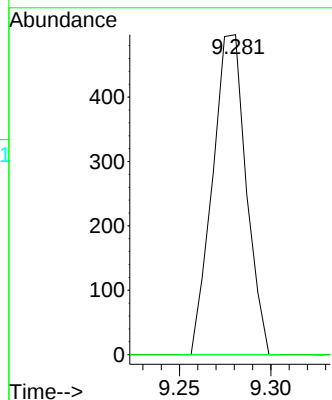
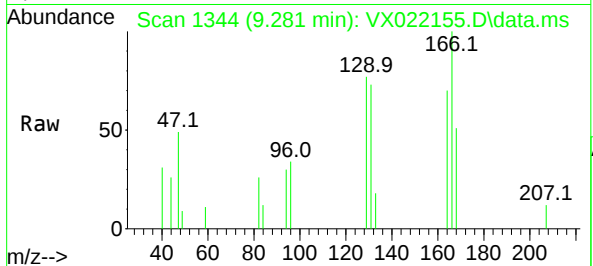




#60
Dibromochloromethane
Concen: 0.60 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

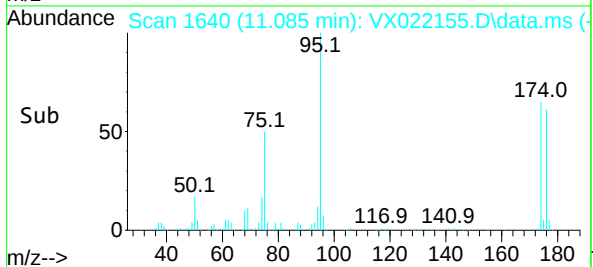
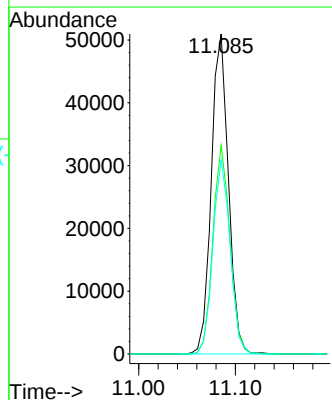
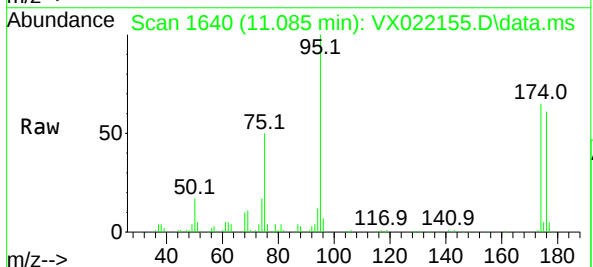
Instrument :
MSVOA_X
ClientSampled :
MW-3

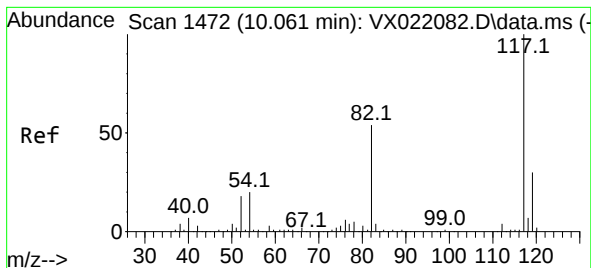
Tgt Ion:129 Resp: 636
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

Tgt Ion: 95 Resp: 62613
Ion Ratio Lower Upper
95 100
174 64.8 0.0 154.6
176 60.9 0.0 155.8

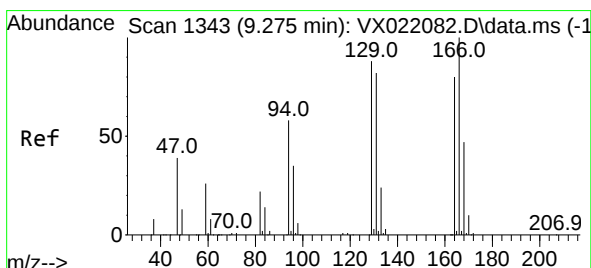
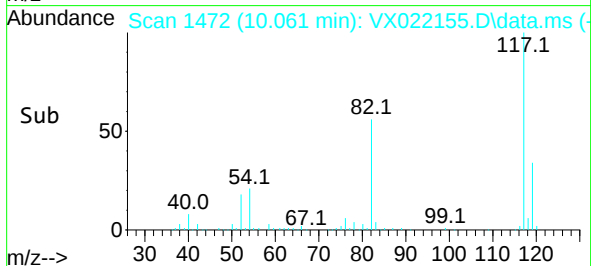
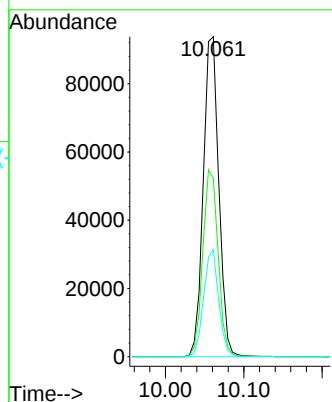
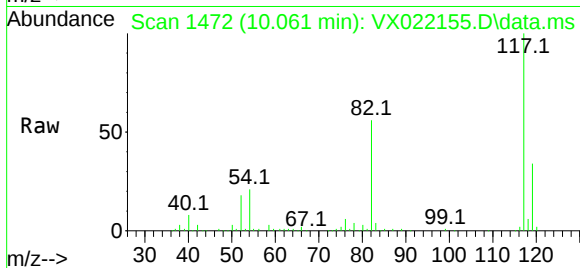




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

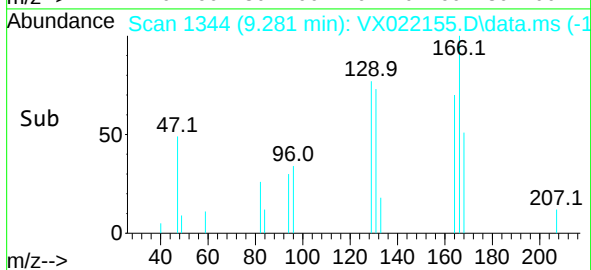
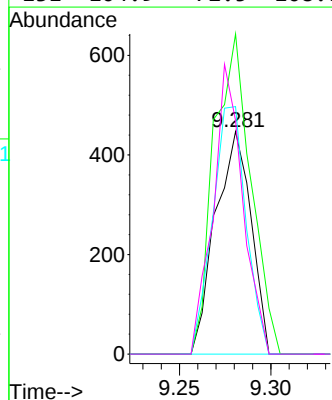
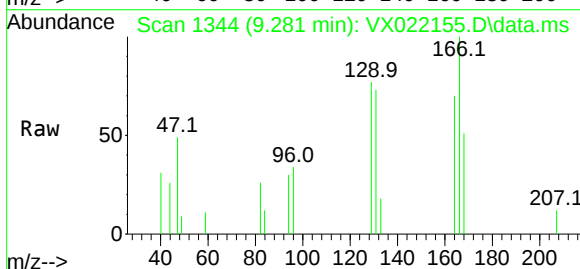
Instrument :
MSVOA_X
ClientSampled :
MW-3

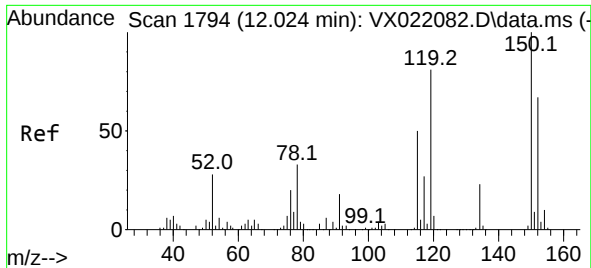
Tgt Ion:117 Resp: 128885
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 33.5 26.6 39.8



#64
Tetrachloroethene
Concen: 0.71 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022155.D
Acq: 24 May 2021 18:10

Tgt Ion:164 Resp: 604
Ion Ratio Lower Upper
164 100
166 143.8 103.4 155.2
129 111.2 70.8 106.2#
131 104.9 72.5 108.7

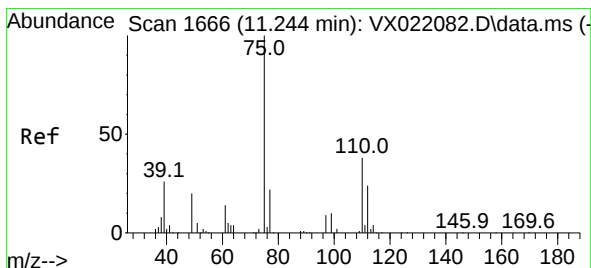
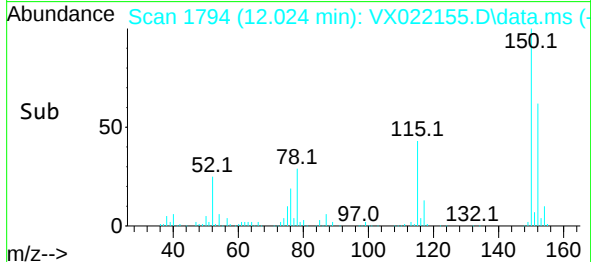
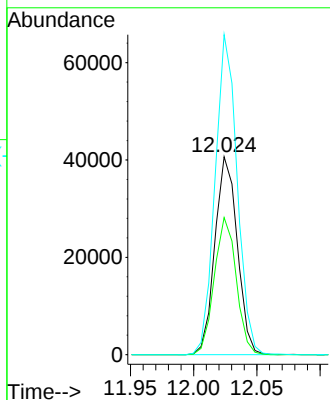
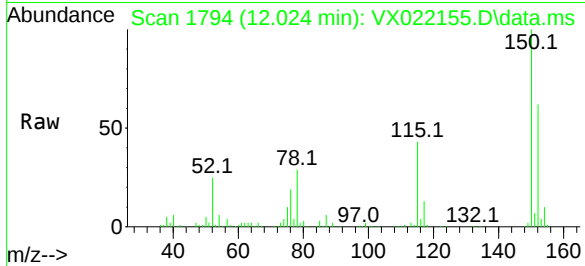




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022155.D
 Acq: 24 May 2021 18:10

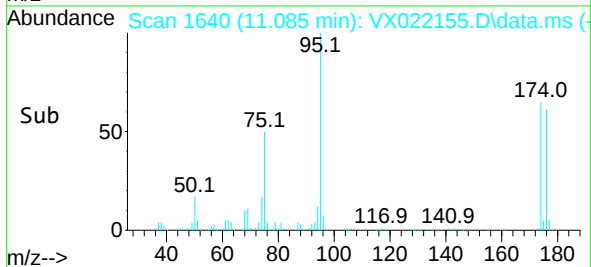
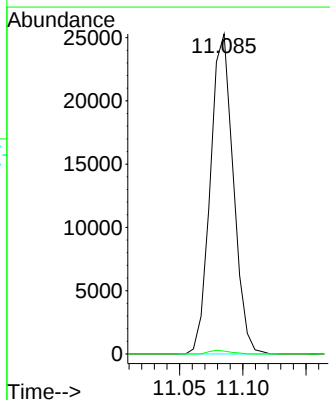
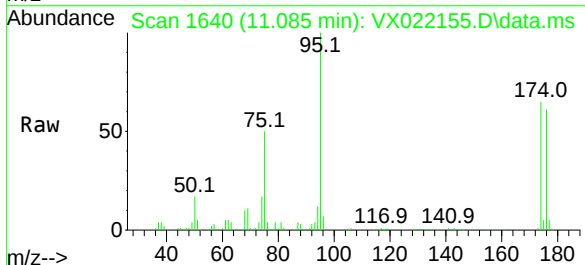
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

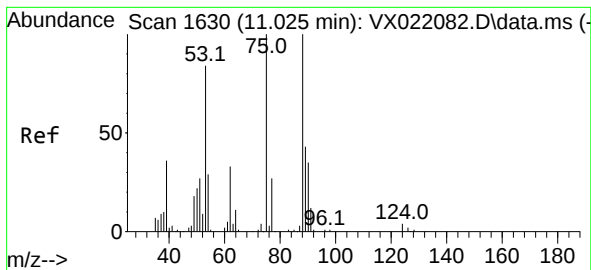
Tgt Ion:152 Resp: 50039
 Ion Ratio Lower Upper
 152 100
 115 67.9 41.1 123.3
 150 159.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.85 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022155.D
 Acq: 24 May 2021 18:10

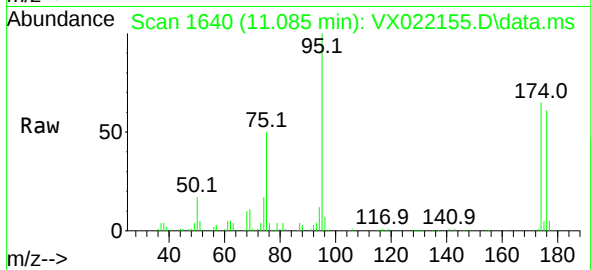
Tgt Ion: 75 Resp: 31911
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.25 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022155.D
 Acq: 24 May 2021 18:10

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3



Tgt Ion: 75 Resp: 31911
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

