

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022156.D
 Acq On : 24 May 2021 18:34
 Operator : JC/MD
 Sample : M2504-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102

Quant Time: May 25 02:08:56 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)

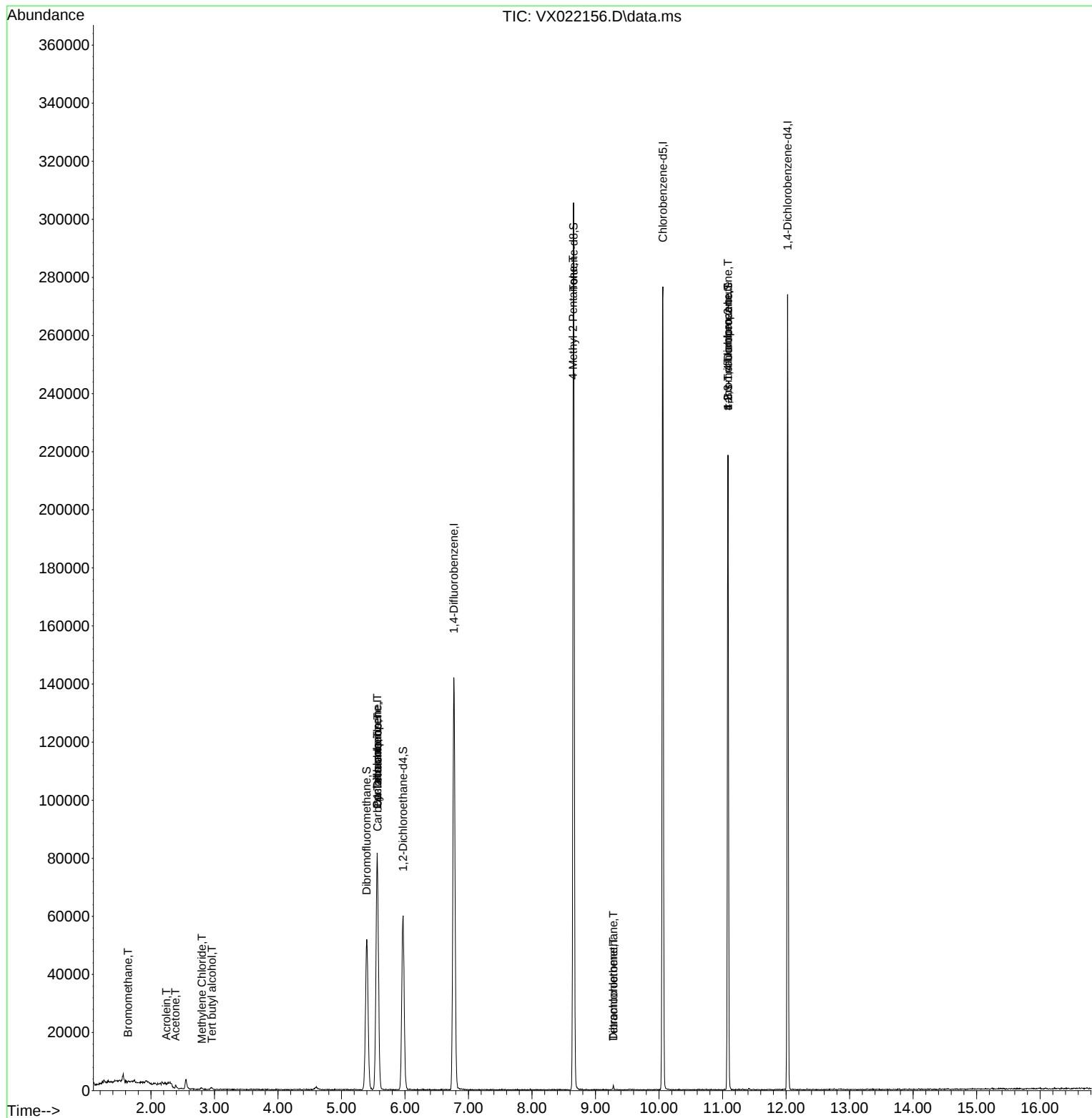
Internal Standards						
1) Pentafluorobenzene	5.562	168	68855	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	144714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	126244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	55754	52.49	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.98%
35) Dibromofluoromethane	5.397	113	44104	48.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.12%
50) Toluene-d8	8.652	98	173166	48.98	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.96%
62) 4-Bromofluorobenzene	11.085	95	59437	45.49	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.98%
Target Compounds						
						Qvalue
5) Bromomethane	1.635	94	187	0.34	ug/l	# 56
11) Tert butyl alcohol	2.958	59	493	2.03	ug/l	# 73
13) Acrolein	2.239	56	48	0.30	ug/l	# 41
16) Acetone	2.385	43	1155	2.50	ug/l	# 75
20) Methylene Chloride	2.800	84	277	0.27	ug/l	# 87
31) Cyclohexane	5.562	56	1693	1.27	ug/l	# 7
36) 1,1-Dichloropropene	5.562	75	6511	4.87	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	7893	6.03	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.646	43	867	0.54	ug/l	# 1
60) Dibromochloromethane	9.280	129	218	0.21	ug/l	# 11
64) Tetrachloroethene	9.280	164	237	0.29	ug/l	# 77
76) 1,2,3-Trichloropropane	11.085	75	30226	24.99	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	30226	59.22	ug/l	# 12

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

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Response via : Initial Calibration

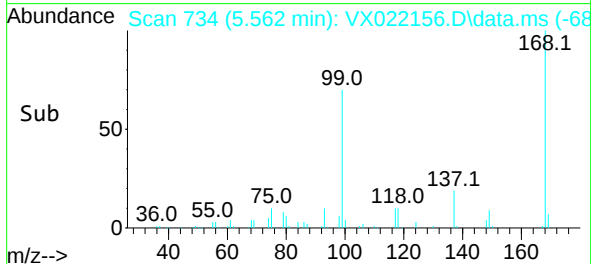
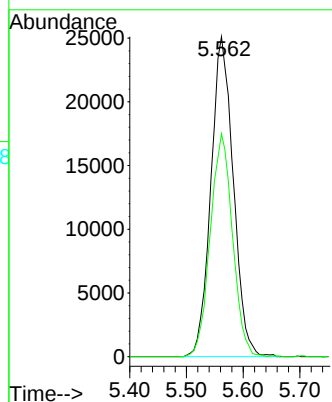
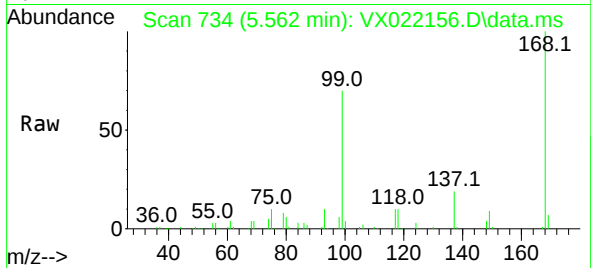




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

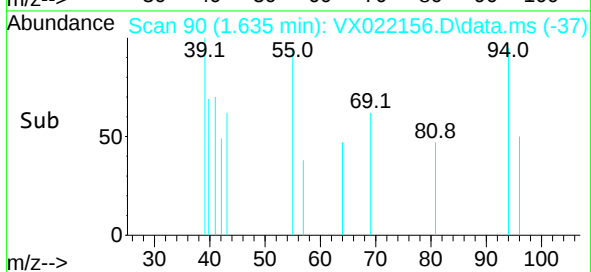
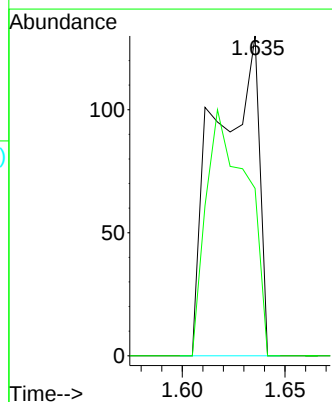
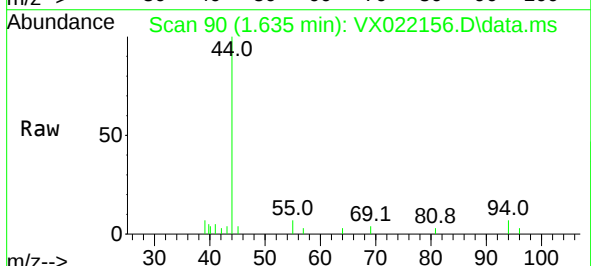
Instrument :
MSVOA_X
ClientSampleId :
MW-102

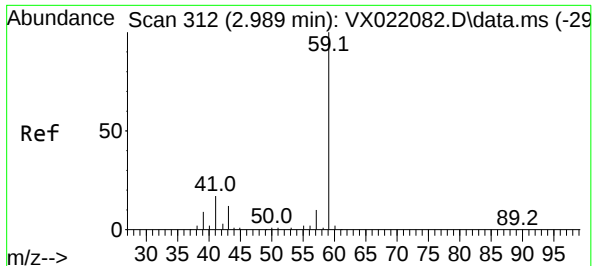
Tgt Ion:168 Resp: 68855
Ion Ratio Lower Upper
168 100
99 69.7 45.8 68.6#



#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.635 min Scan# 90
Delta R.T. 0.023 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

Tgt Ion: 94 Resp: 187
Ion Ratio Lower Upper
94 100
96 52.3 76.4 114.6#



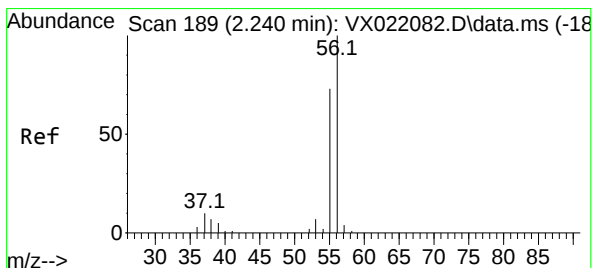
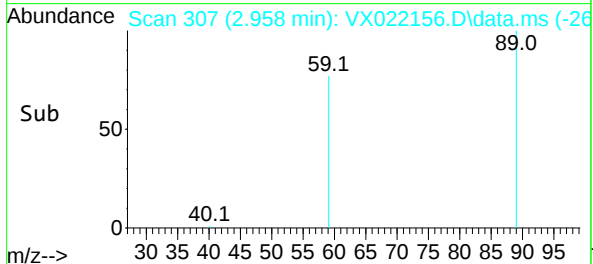
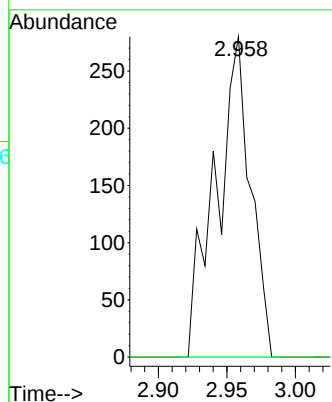
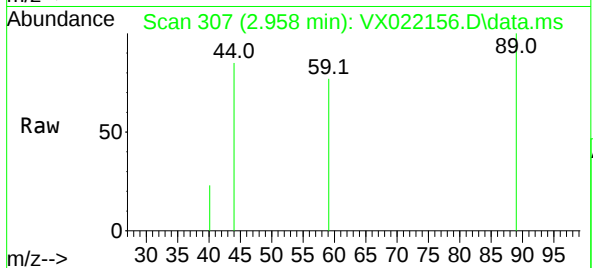


#11

Tert butyl alcohol
Concen: 2.03 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-102

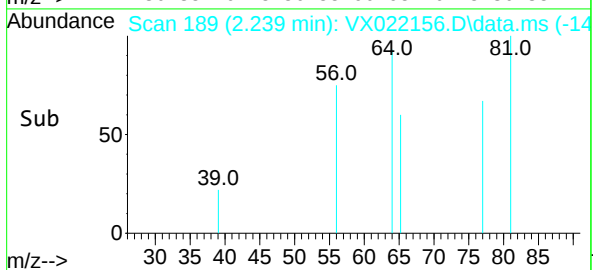
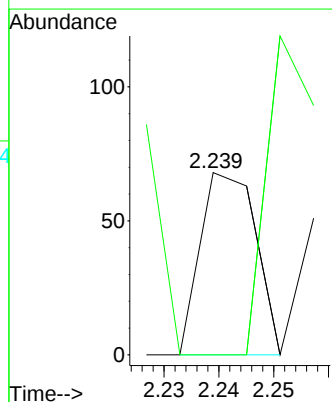
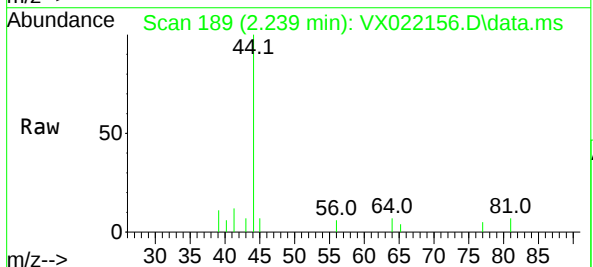
Tgt Ion: 59 Resp: 493
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

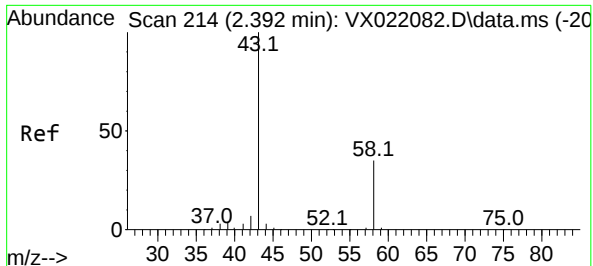


#13

Acrolein
Concen: 0.30 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 118.8 56.4 84.6#

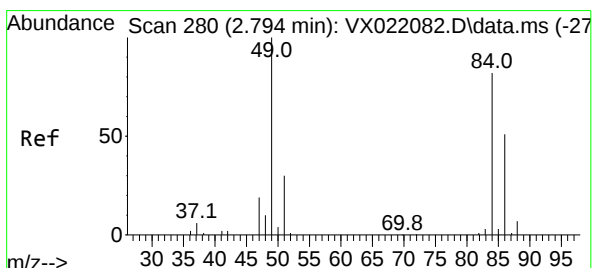
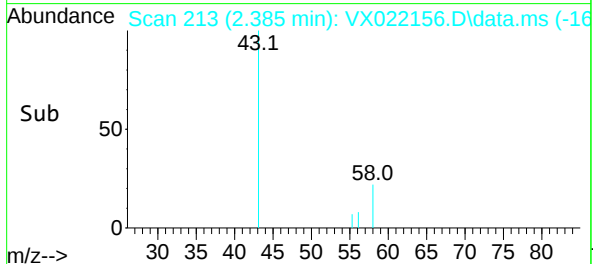
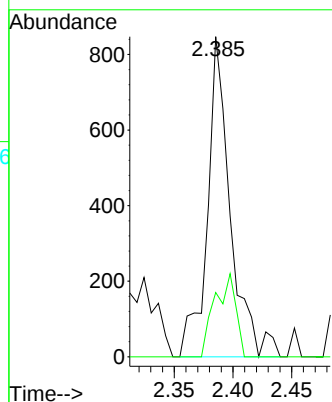
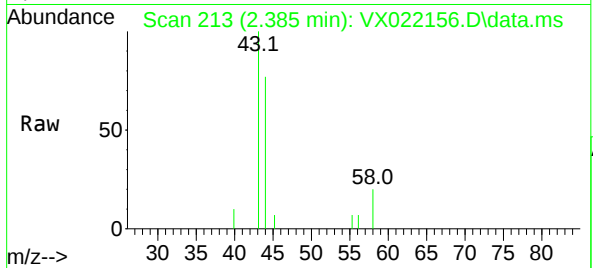




#16
Acetone
Concen: 2.50 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

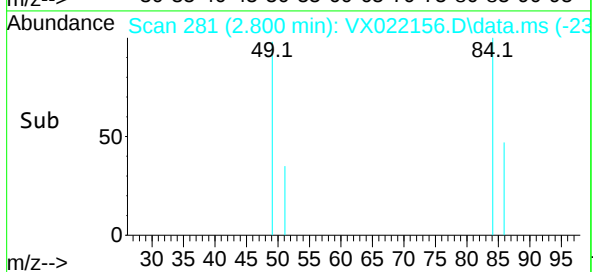
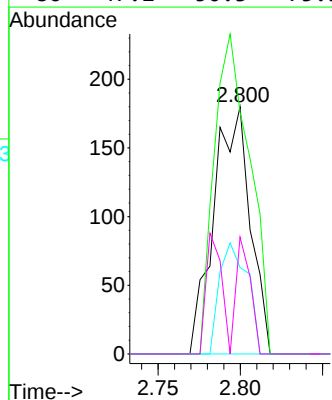
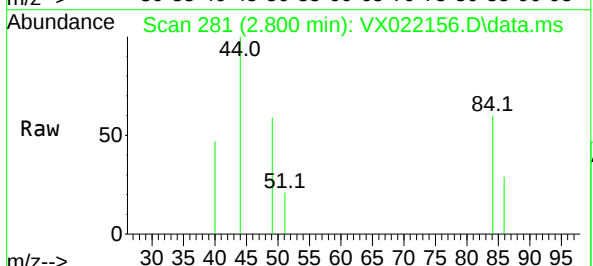
Instrument :
MSVOA_X
ClientSampled :
MW-102

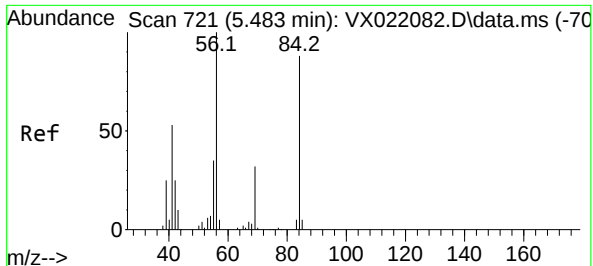
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 20.1 27.8 41.8#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

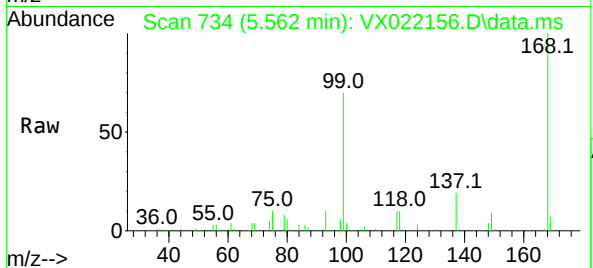
Tgt Ion: 84 Resp: 277
Ion Ratio Lower Upper
84 100
49 97.8 88.6 132.8
51 35.0 27.0 40.6
86 47.2 50.3 75.5#



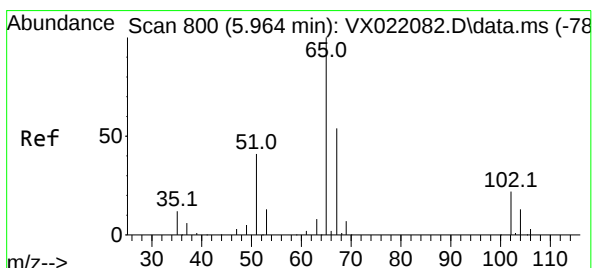
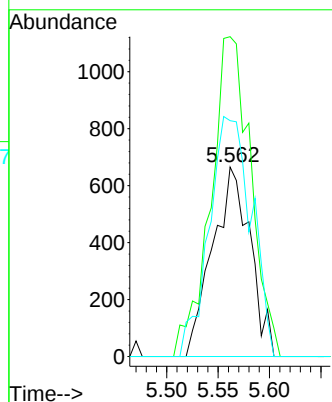
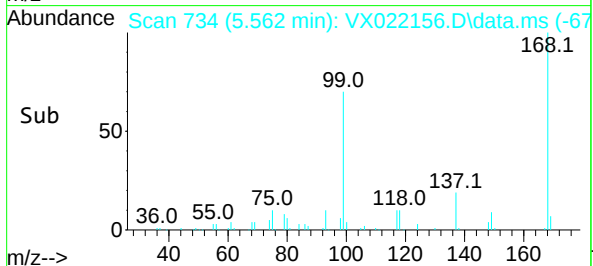


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

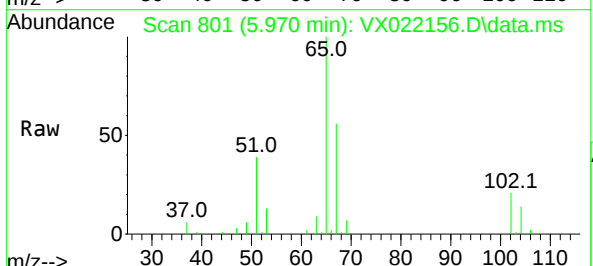
Instrument :
MSVOA_X
ClientSampleId :
MW-102



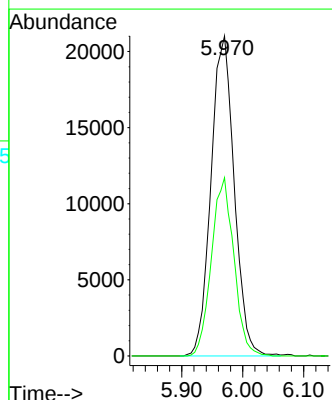
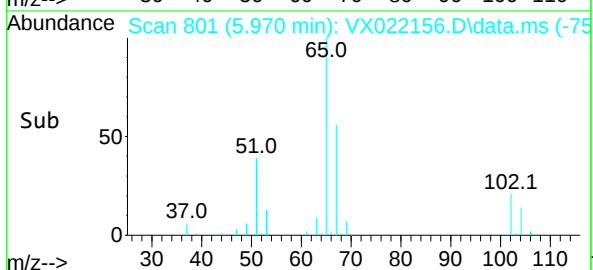
Tgt Ion: 56 Resp: 1693
Ion Ratio Lower Upper
56 100
69 168.9 25.3 37.9#
84 124.5 71.4 107.0#

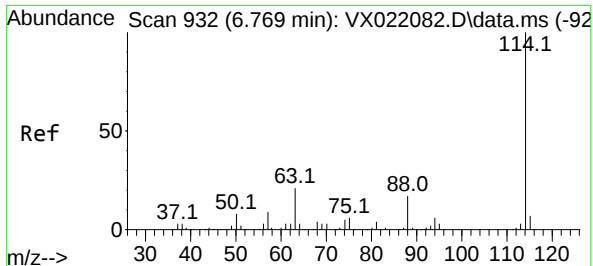


#33
1,2-Dichloroethane-d4
Concen: 52.49 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34



Tgt Ion: 65 Resp: 55754
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4

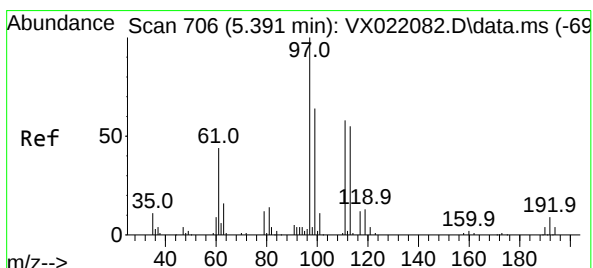
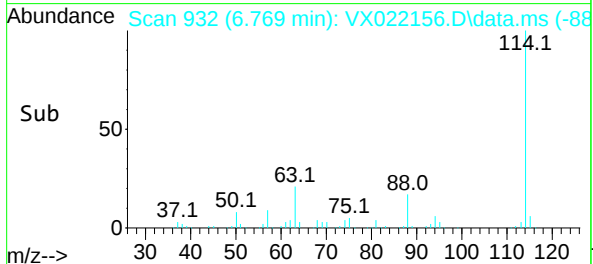
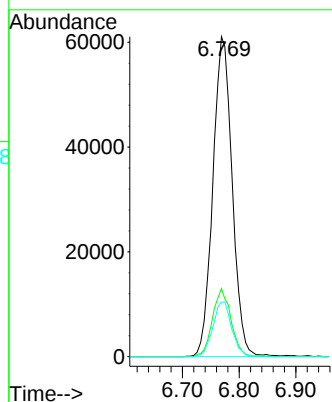
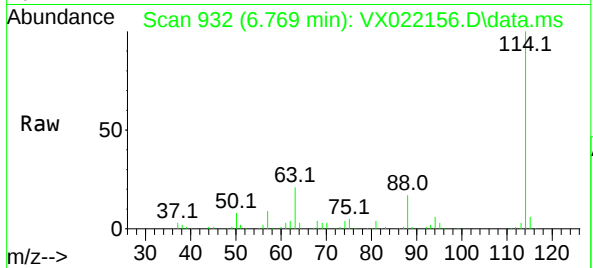




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

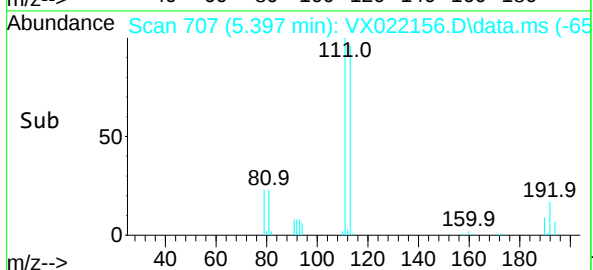
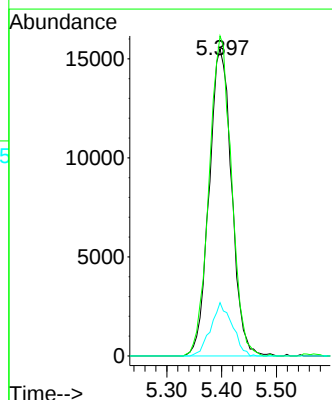
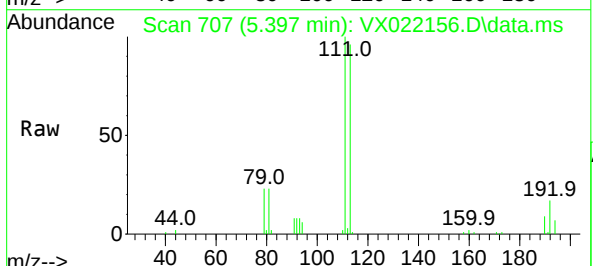
Instrument :
MSVOA_X
ClientSampleId :
MW-102

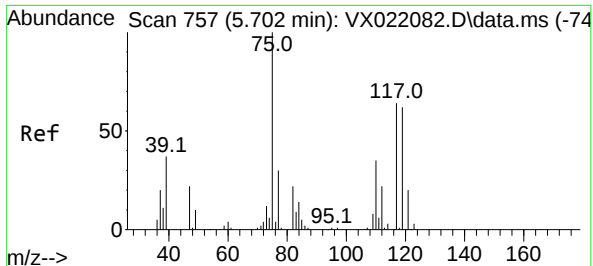
Tgt Ion:114 Resp: 144714
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.06 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

Tgt Ion:113 Resp: 44104
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 16.6 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.87 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022156.D

Acq: 24 May 2021 18:34

Tgt Ion: 75 Resp: 6511

Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.4#

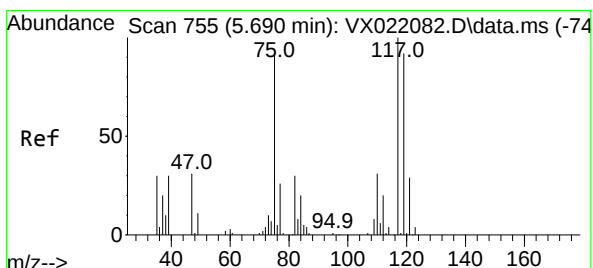
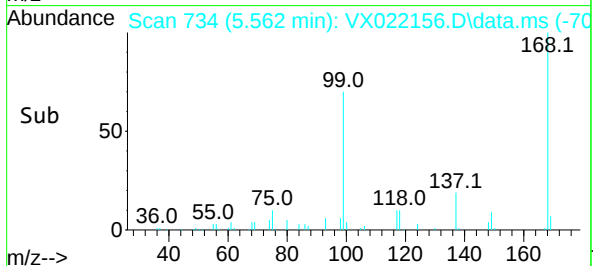
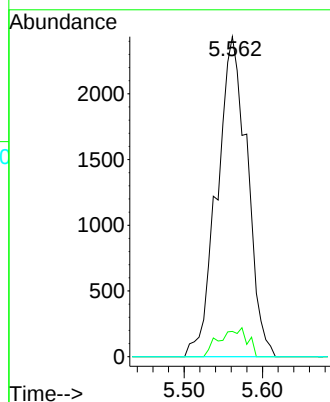
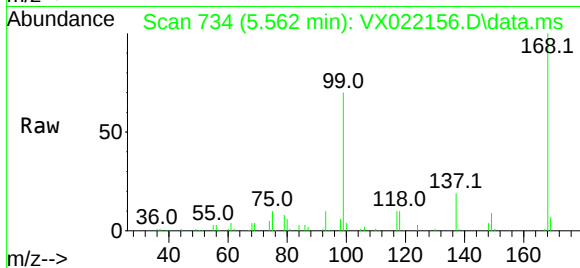
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

MW-102



#38

Carbon Tetrachloride

Concen: 6.03 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX022156.D

Acq: 24 May 2021 18:34

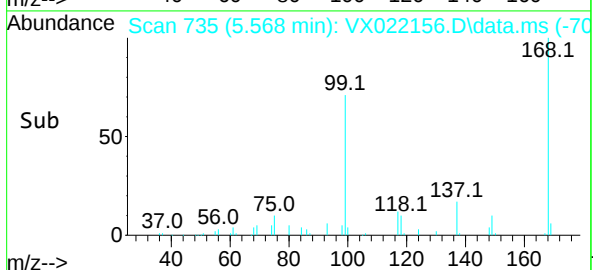
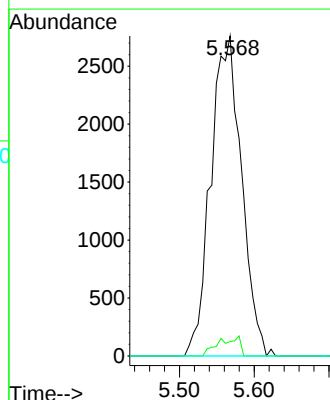
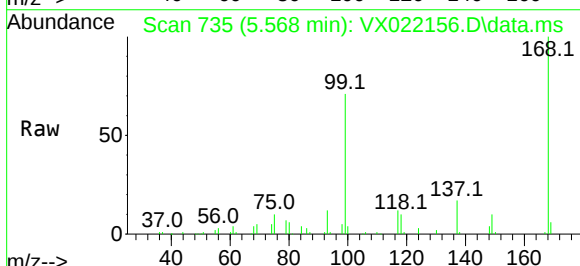
Tgt Ion: 117 Resp: 7893

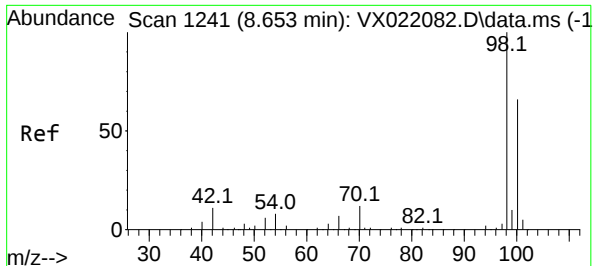
Ion Ratio Lower Upper

117 100

119 4.5 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.98 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX022156.D

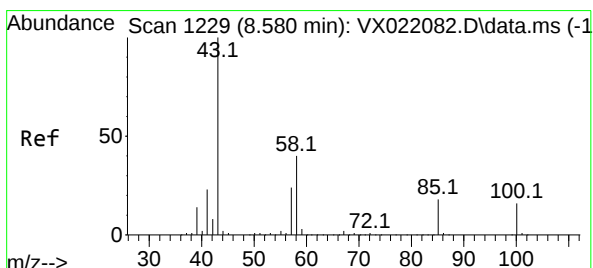
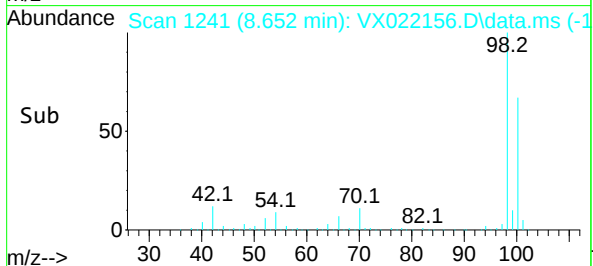
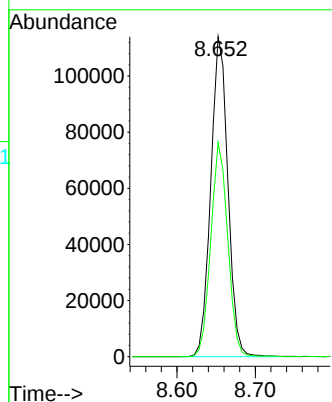
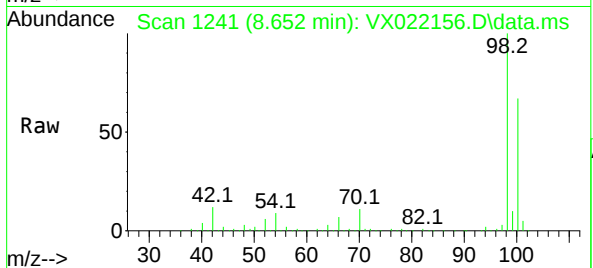
Acq: 24 May 2021 18:34

Tgt Ion: 98 Resp: 173166

Ion Ratio Lower Upper

98 100

100 66.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.54 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.066 min

Lab File: VX022156.D

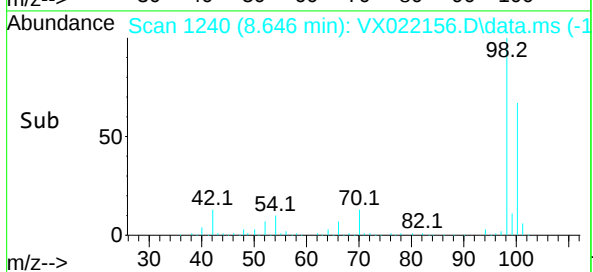
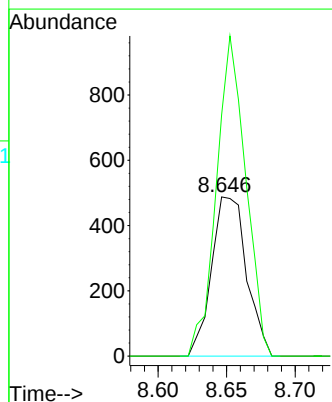
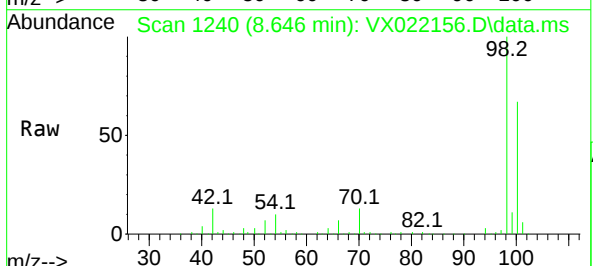
Acq: 24 May 2021 18:34

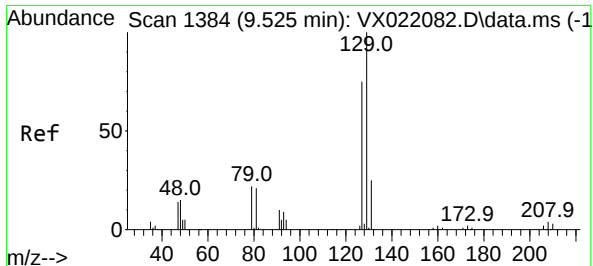
Tgt Ion: 43 Resp: 867

Ion Ratio Lower Upper

43 100

58 168.7 35.4 53.0#

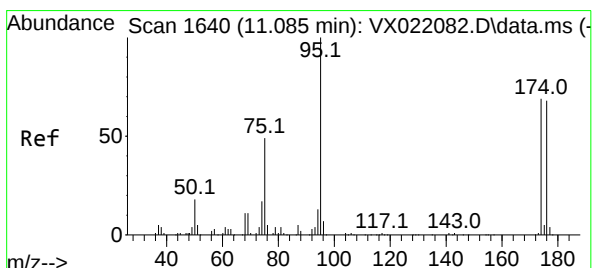
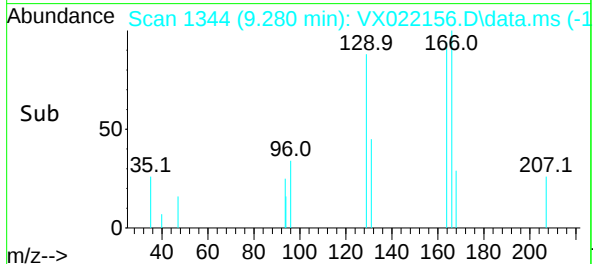
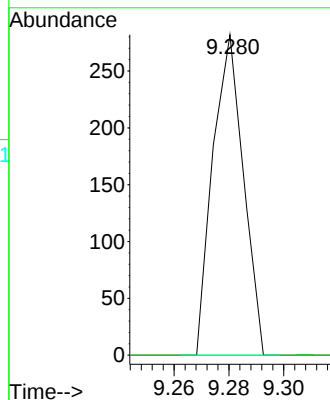
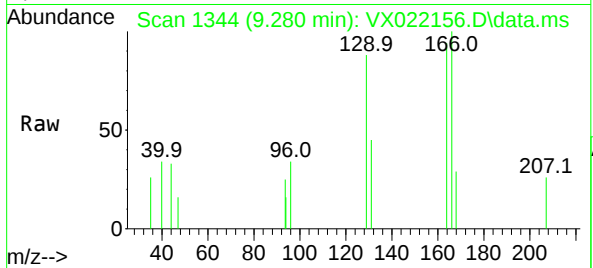




#60
Dibromochloromethane
Concen: 0.21 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. -0.245 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

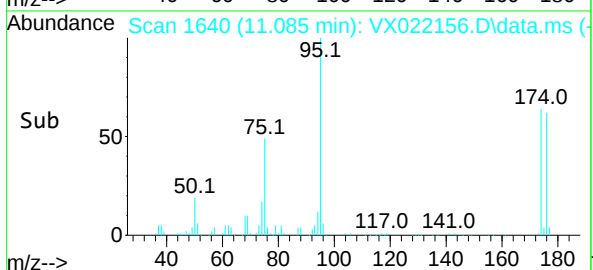
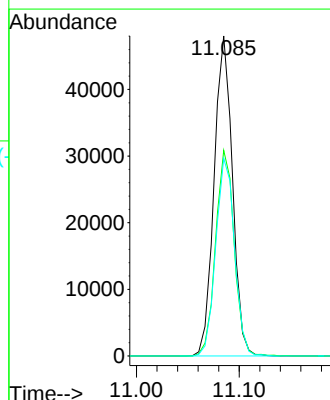
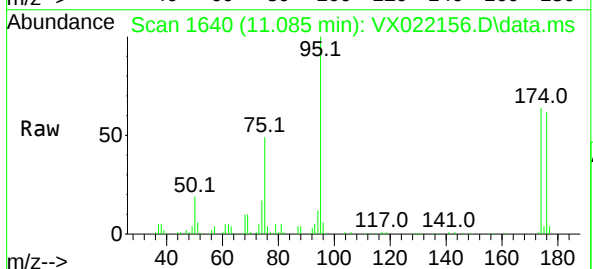
Instrument :
MSVOA_X
ClientSampleId :
MW-102

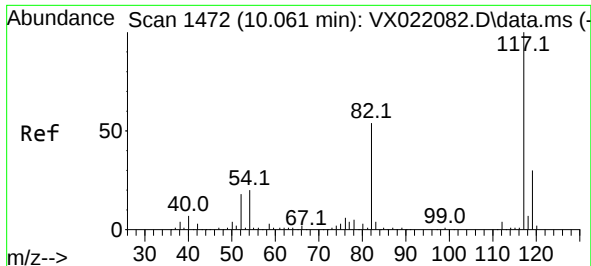
Tgt Ion:129 Resp: 218
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.49 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

Tgt Ion: 95 Resp: 59437
Ion Ratio Lower Upper
95 100
174 65.3 0.0 154.6
176 63.1 0.0 155.8

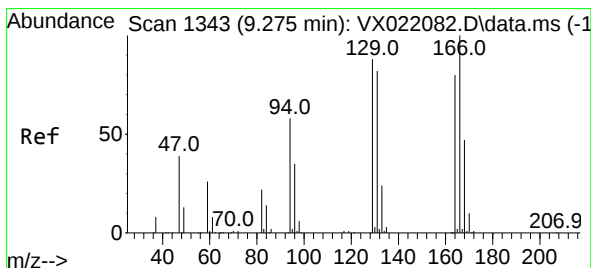
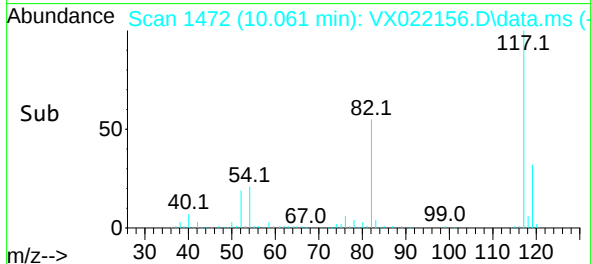
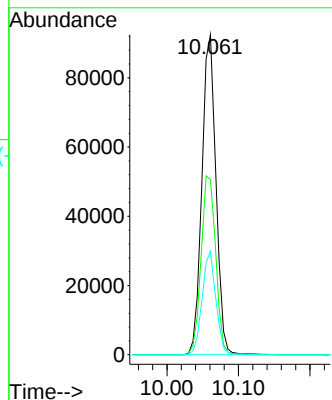
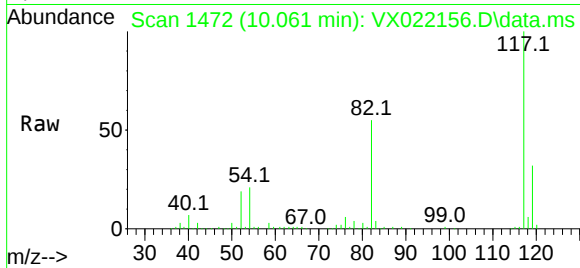




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

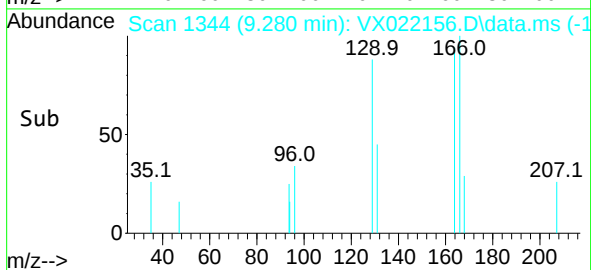
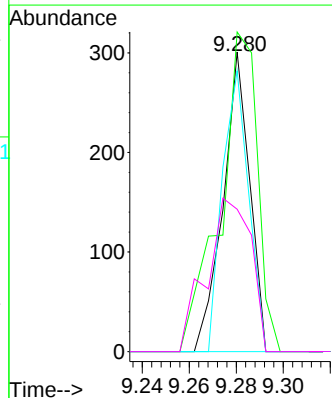
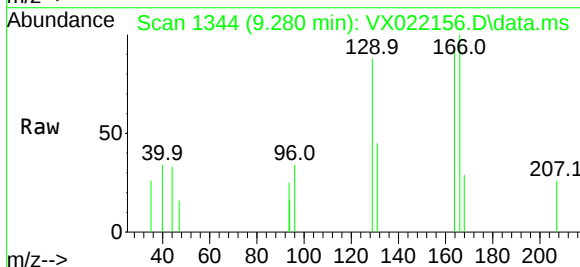
Instrument :
MSVOA_X
ClientSampleId :
MW-102

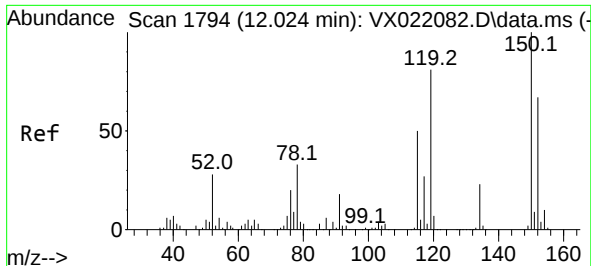
Tgt Ion:117 Resp: 126244
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 0.29 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

Tgt Ion:164 Resp: 237
Ion Ratio Lower Upper
164 100
166 106.6 103.4 155.2
129 93.7 70.8 106.2
131 47.5 72.5 108.7#

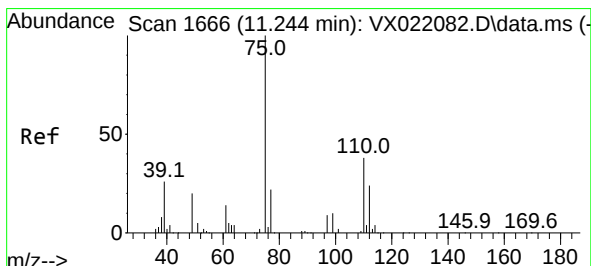
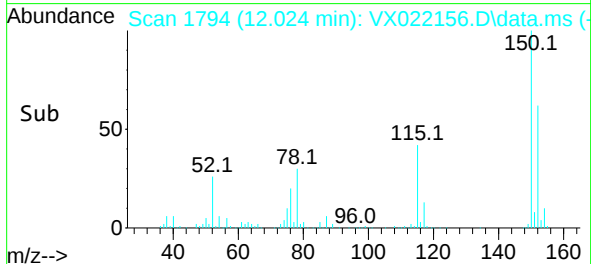
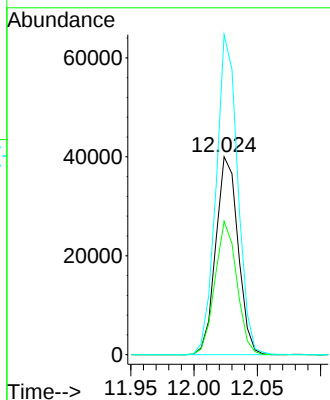
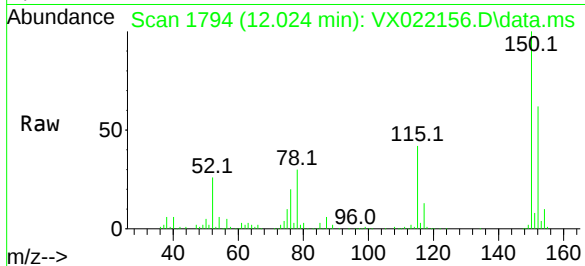




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

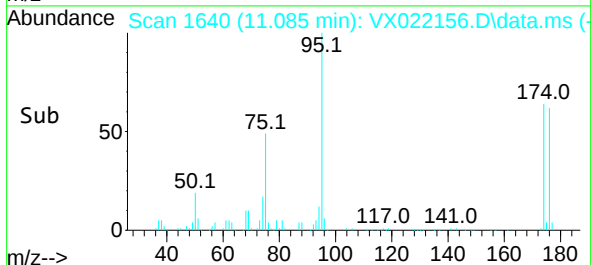
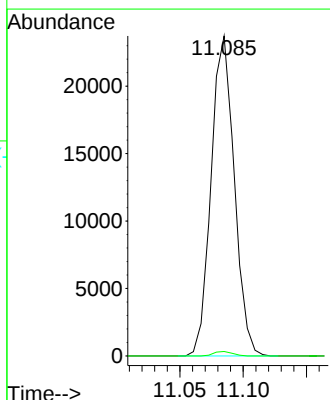
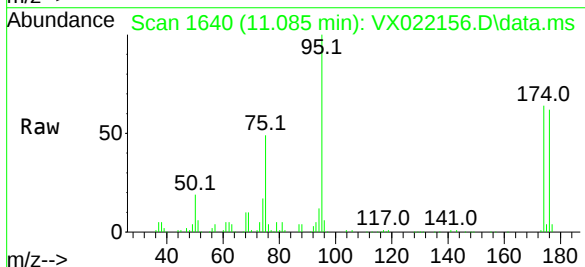
Instrument :
MSVOA_X
ClientSampled :
MW-102

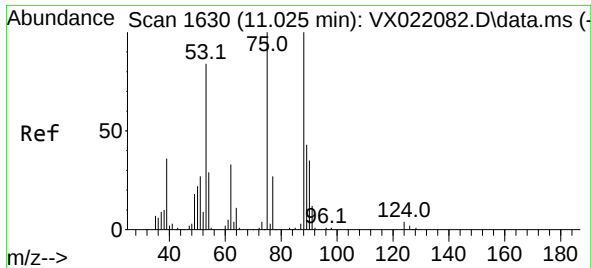
Tgt Ion:152 Resp: 49022
Ion Ratio Lower Upper
152 100
115 66.2 41.1 123.3
150 157.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.99 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022156.D
Acq: 24 May 2021 18:34

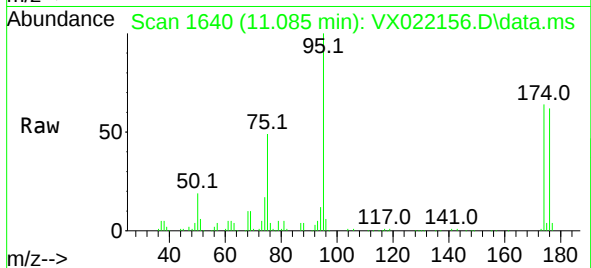
Tgt Ion: 75 Resp: 30226
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.22 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022156.D
 Acq: 24 May 2021 18:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102



Tgt Ion: 75 Resp: 30226
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

