

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028660.D
 Acq On : 12 May 2022 23:52
 Operator : JC/MD
 Sample : N2811-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: May 13 02:51:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

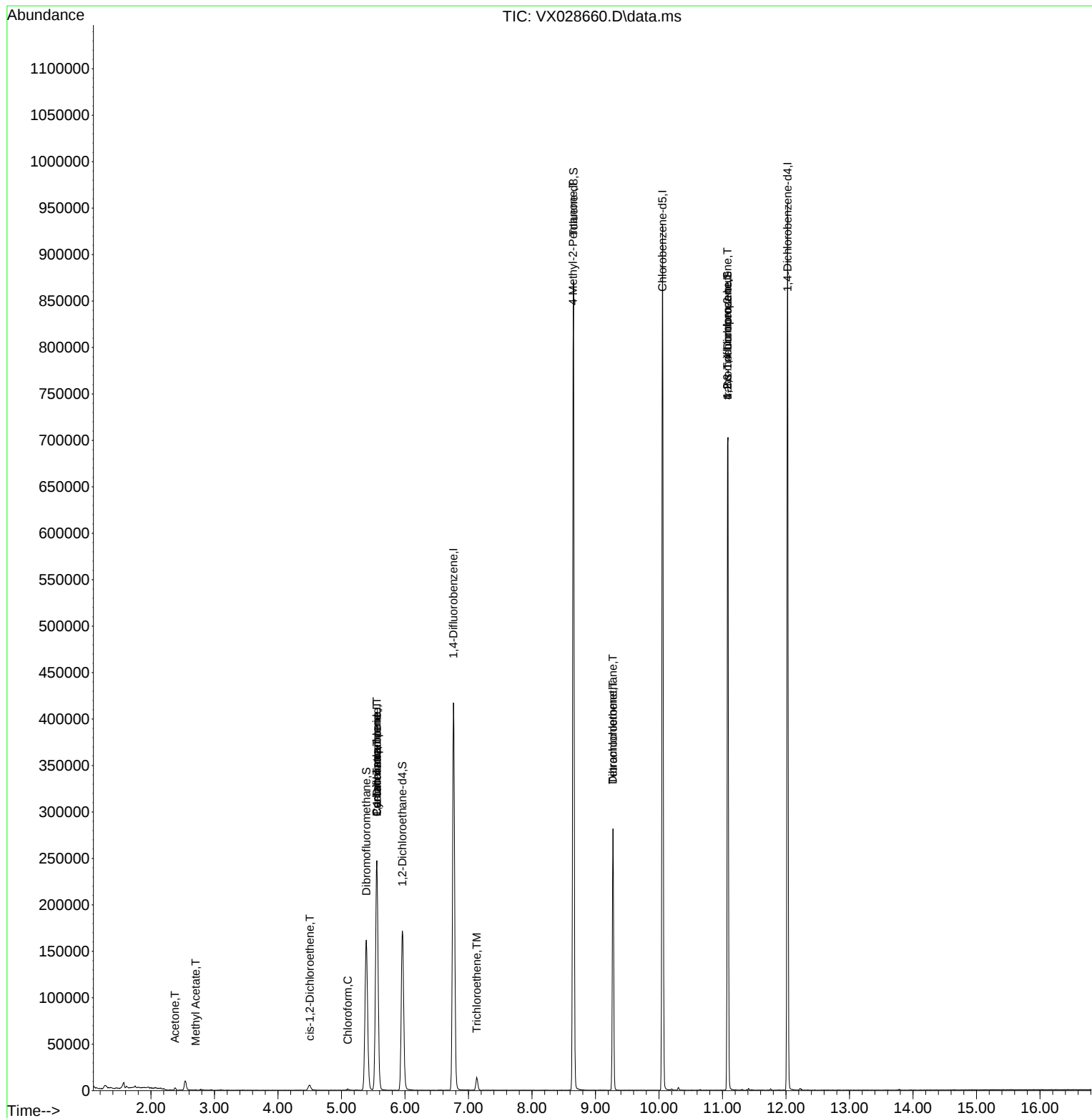
Internal Standards						
1) Pentafluorobenzene	5.556	168	220864	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	417795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166269	54.919	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 109.840%		
35) Dibromofluoromethane	5.391	113	138502	50.597	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 101.200%		
50) Toluene-d8	8.653	98	509541	49.373	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 98.740%		
62) 4-Bromofluorobenzene	11.079	95	187079	48.533	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 97.060%		
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	615	Below Cal		91
6) Chloroethane	1.660	64	242	Below Cal	#	43
11) Tert butyl alcohol	2.935	59	292	Below Cal	#	72
16) Acetone	2.380	43	2427	1.868	ug/l	96
18) Methyl Acetate	2.703	43	696	0.214	ug/l	# 46
27) cis-1,2-Dichloroethene	4.501	96	3644	1.212	ug/l	98
30) Chloroform	5.099	83	1493	0.303	ug/l	# 73
31) Cyclohexane	5.556	56	5466	1.301	ug/l	# 9
36) 1,1-Dichloropropene	5.556	75	19546	4.754	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	24289	5.870	ug/l	# 17
44) Trichloroethene	7.129	130	4849	1.513	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	2424	0.548	ug/l	# 1
60) Dibromochloromethane	9.275	129	48798	16.143	ug/l	# 9
64) Tetrachloroethene	9.275	164	50034	16.518	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	100932	23.973	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	100932	69.853	ug/l	# 15

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

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Quant Title : SW846 8260
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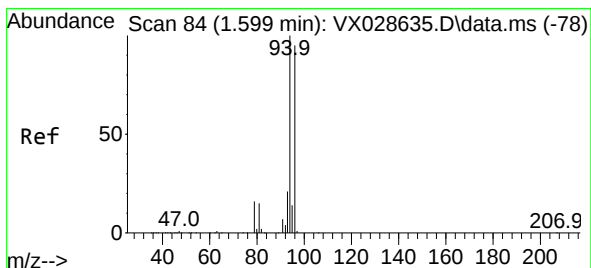
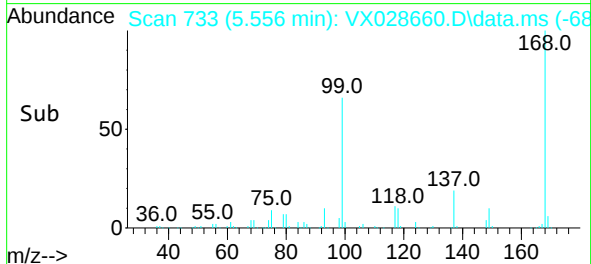
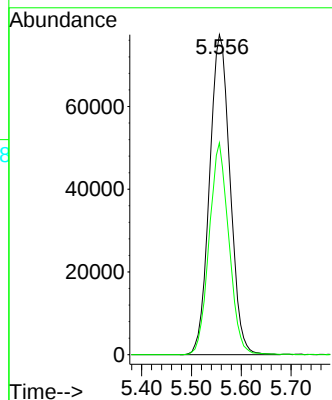
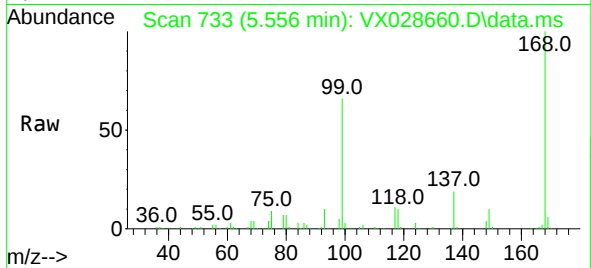




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

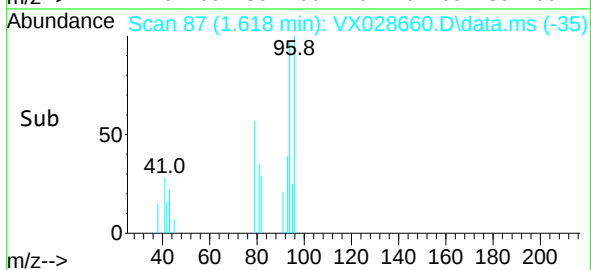
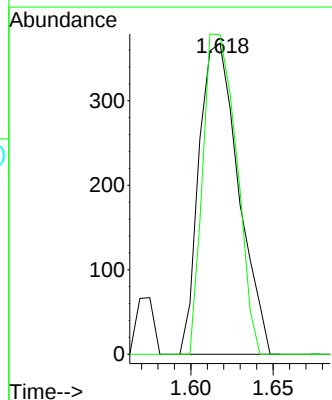
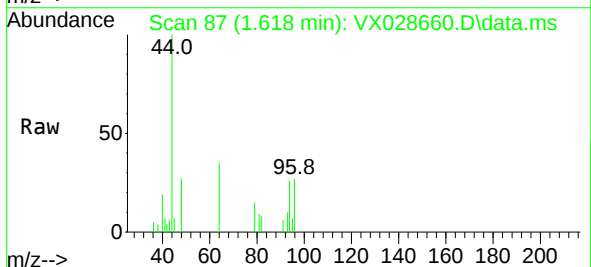
Instrument :
MSVOA_X
ClientSampleId :
MW-5

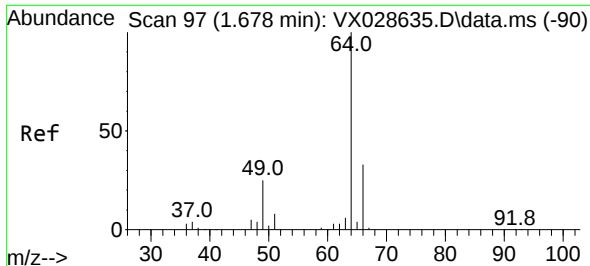
Tgt Ion:168 Resp: 220864
Ion Ratio Lower Upper
168 100
99 66.2 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 94 Resp: 615
Ion Ratio Lower Upper
94 100
96 102.7 75.3 112.9

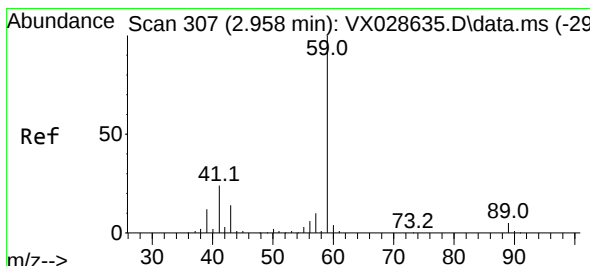
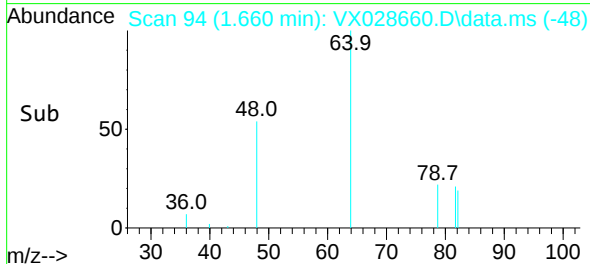
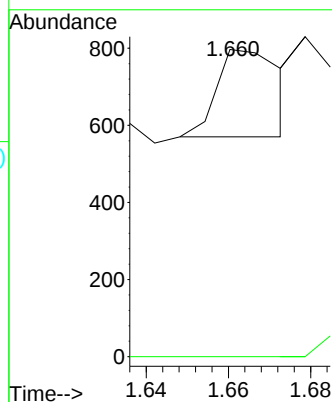
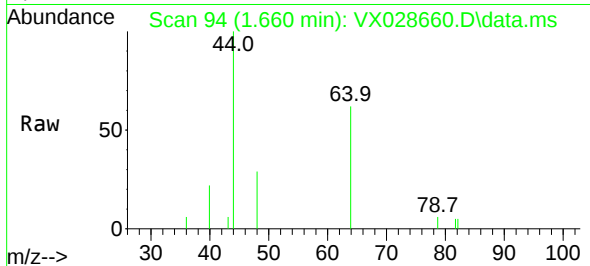




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

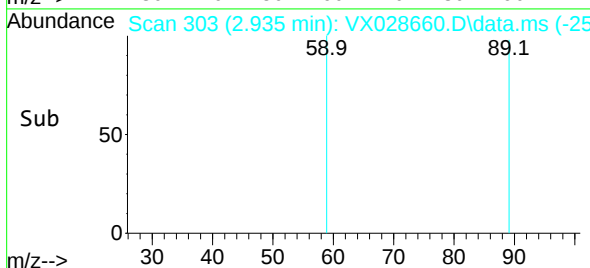
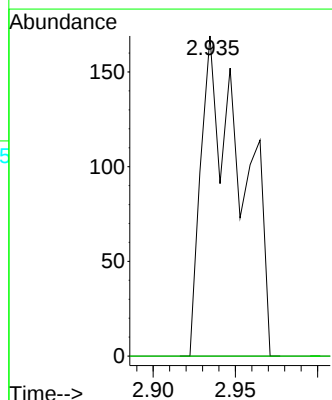
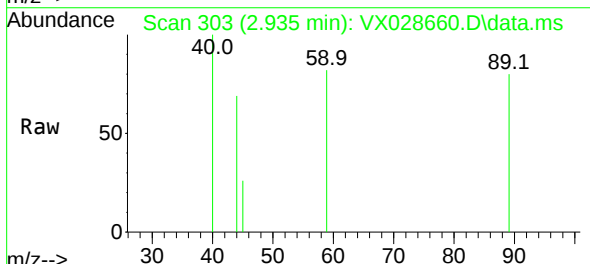
Instrument :
MSVOA_X
ClientSampleId :
MW-5

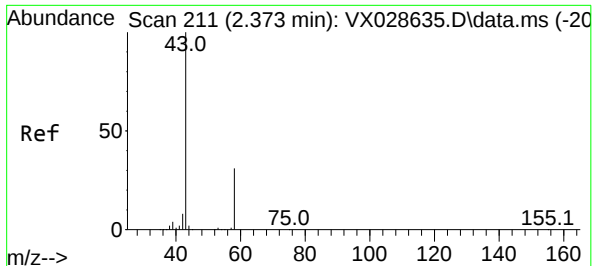
Tgt Ion: 64 Resp: 242
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.935 min Scan# 303
Delta R.T. -0.023 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 59 Resp: 292
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

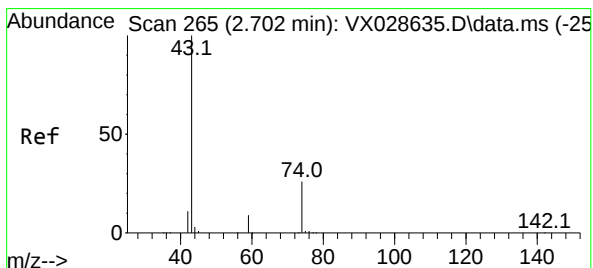
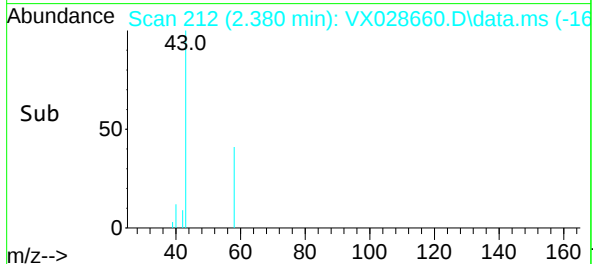
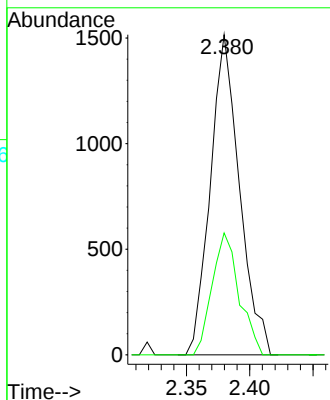
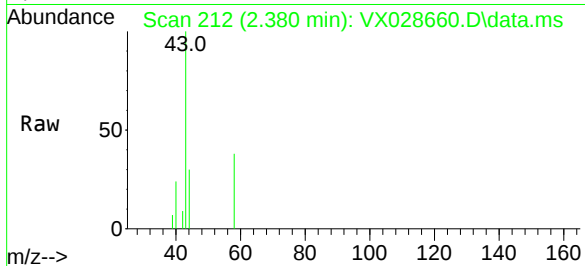




#16
Acetone
Concen: 1.868 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

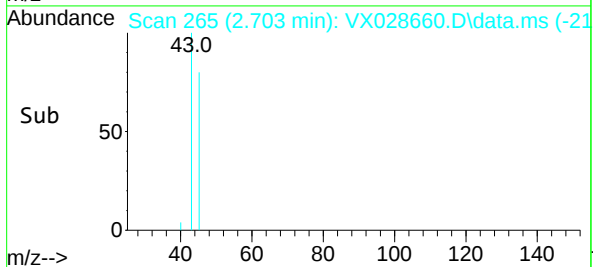
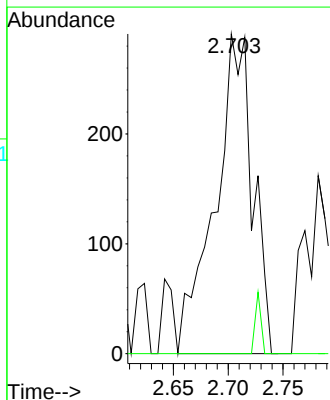
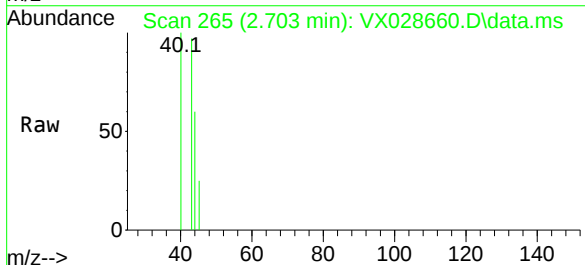
Instrument :
MSVOA_X
ClientSampleId :
MW-5

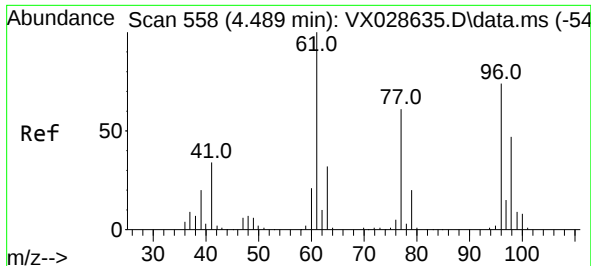
Tgt Ion: 43 Resp: 2427
Ion Ratio Lower Upper
43 100
58 38.1 28.8 43.2



#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#27

cis-1,2-Dichloroethene

Concen: 1.212 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX028660.D

Acq: 12 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

MW-5

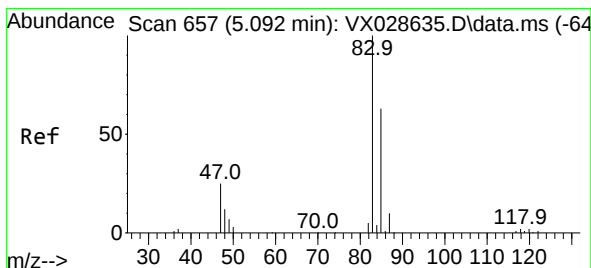
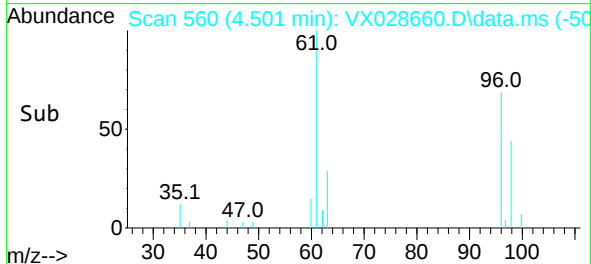
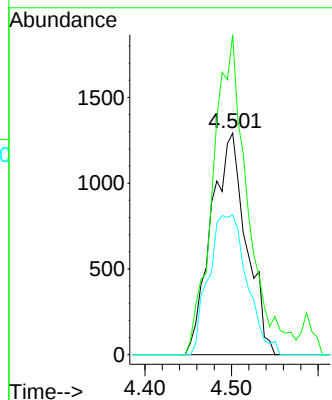
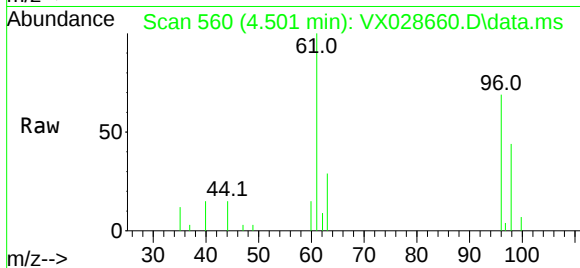
Tgt Ion: 96 Resp: 3644

Ion Ratio Lower Upper

96 100

61 142.8 0.0 283.8

98 68.7 0.0 129.8



#30

Chloroform

Concen: 0.303 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX028660.D

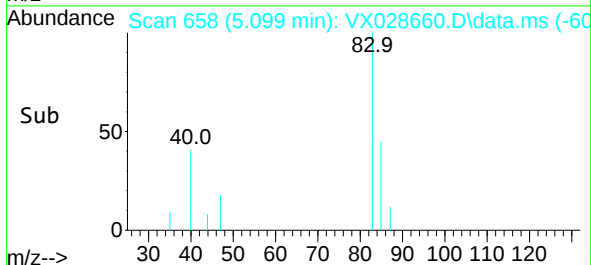
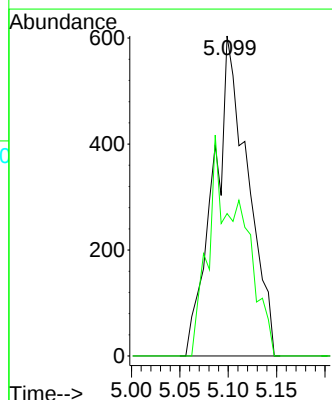
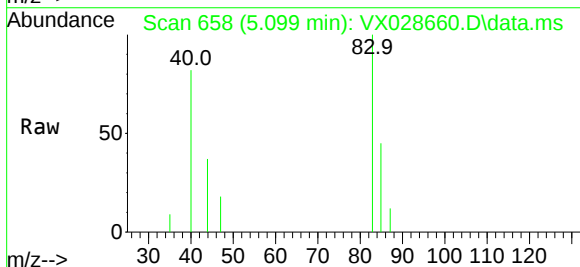
Acq: 12 May 2022 23:52

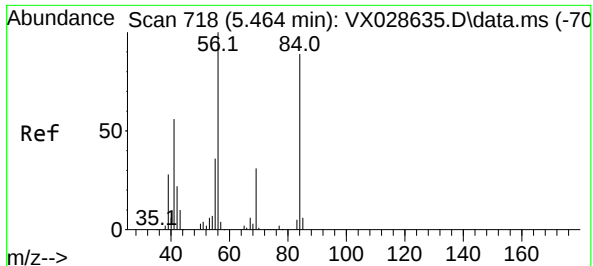
Tgt Ion: 83 Resp: 1493

Ion Ratio Lower Upper

83 100

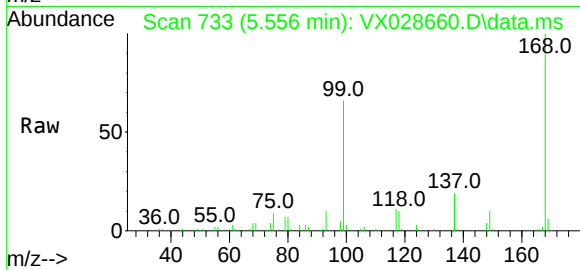
85 44.5 52.7 79.1#



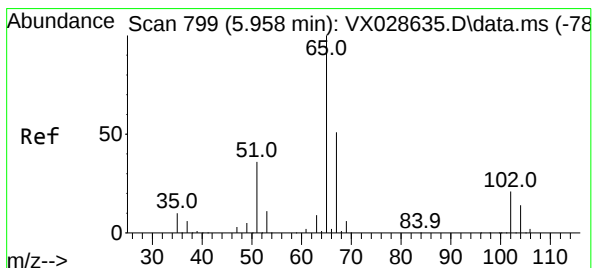
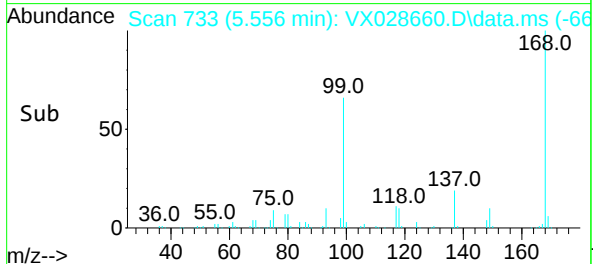
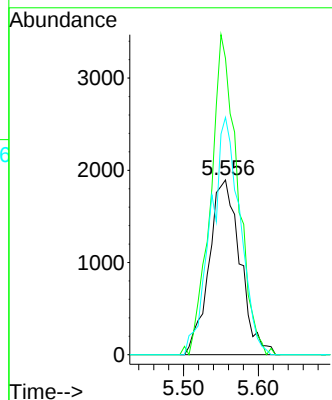


#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5

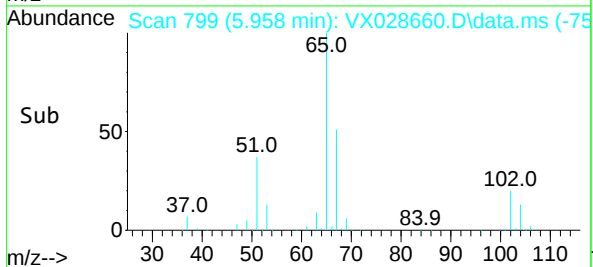
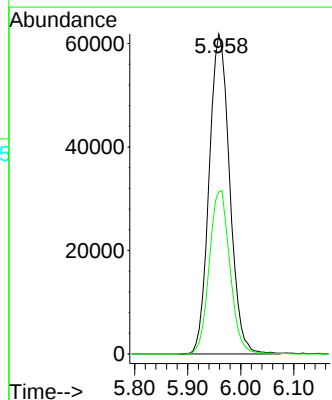
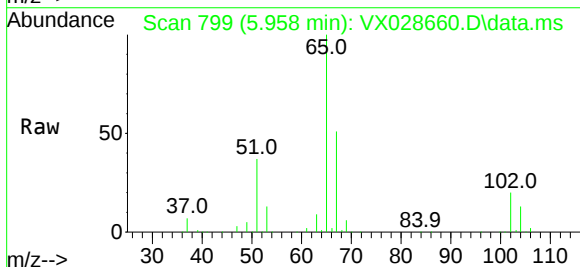


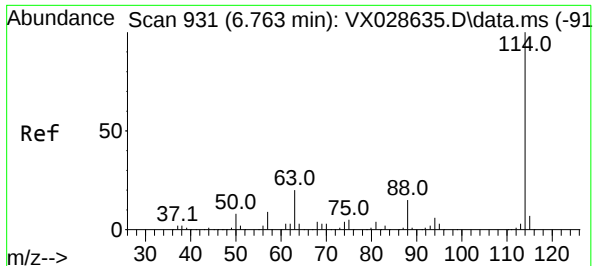
Tgt Ion: 56 Resp: 5466
Ion Ratio Lower Upper
56 100
69 169.6 26.7 40.1#
84 135.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.919 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 65 Resp: 166269
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4

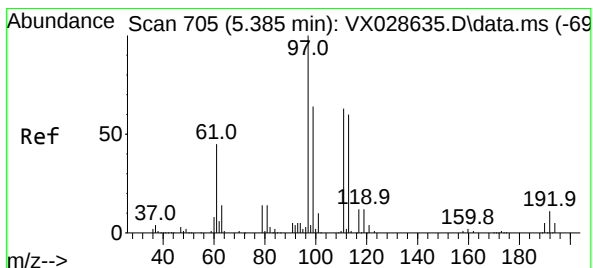
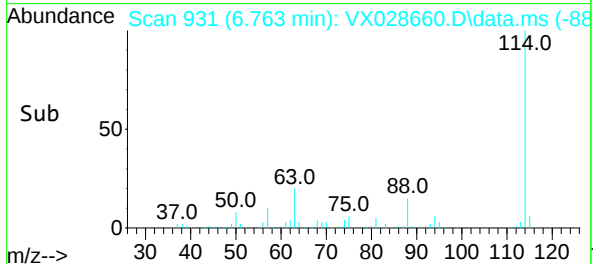
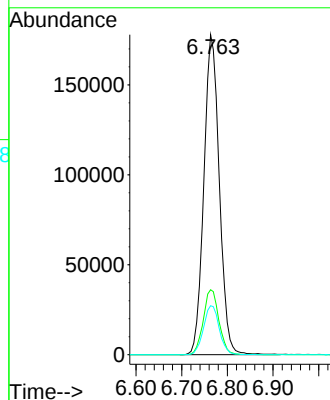
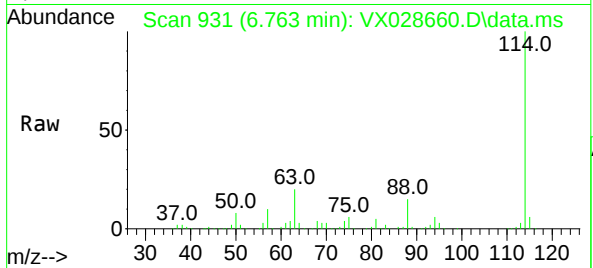




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

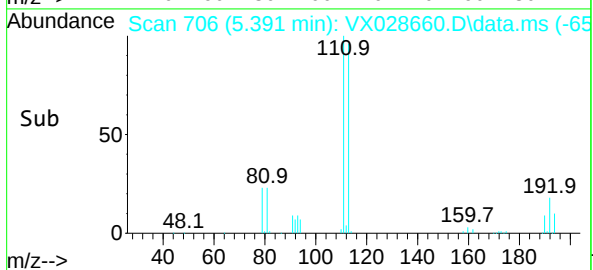
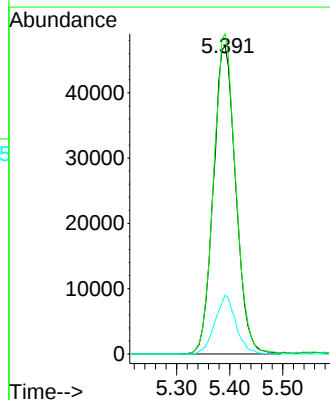
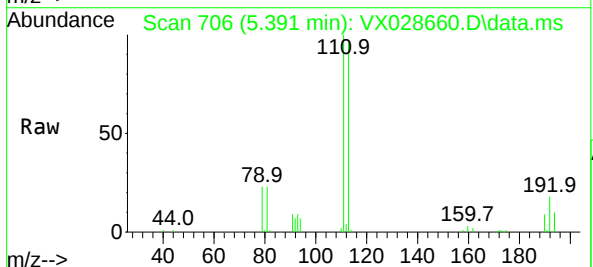
Instrument :
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MW-5

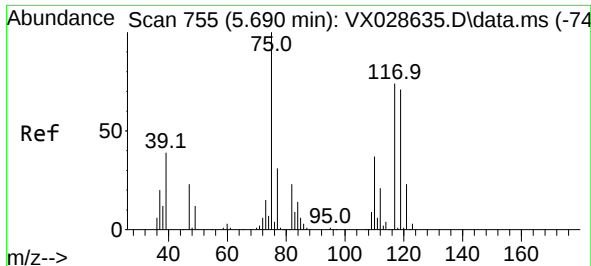
Tgt Ion:114 Resp: 417795
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.597 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion:113 Resp: 138502
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 17.8 16.9 25.3

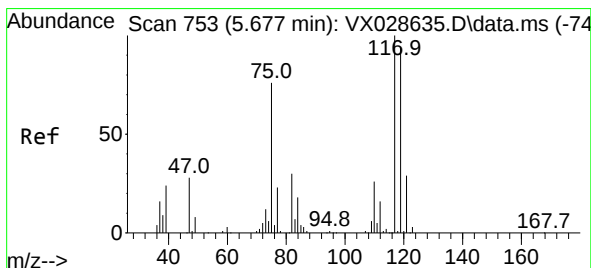
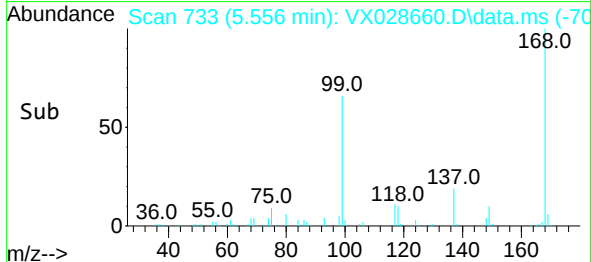
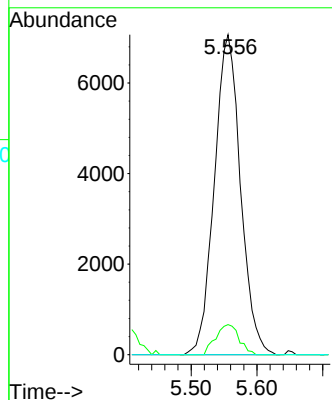
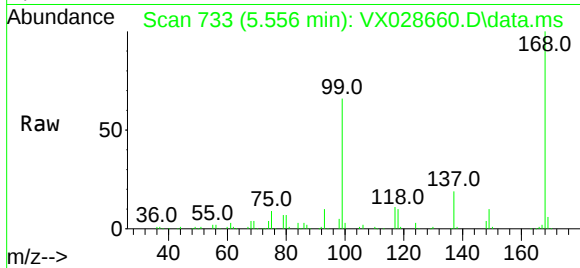




#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

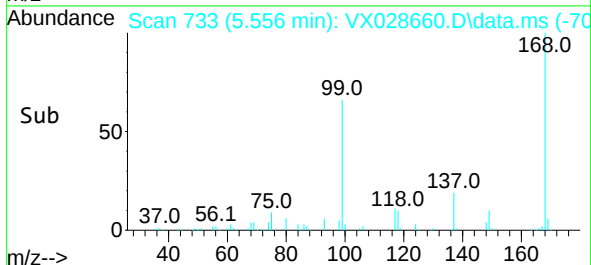
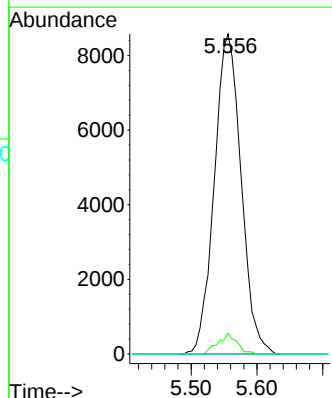
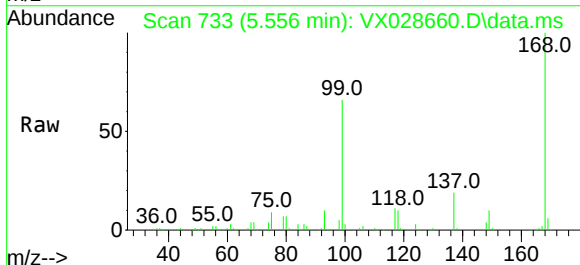
Instrument :
MSVOA_X
ClientSampleId :
MW-5

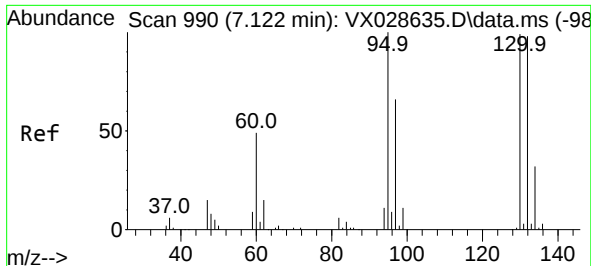
Tgt Ion: 75 Resp: 19546
Ion Ratio Lower Upper
75 100
110 8.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.870 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 117 Resp: 24289
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.2 36.2#

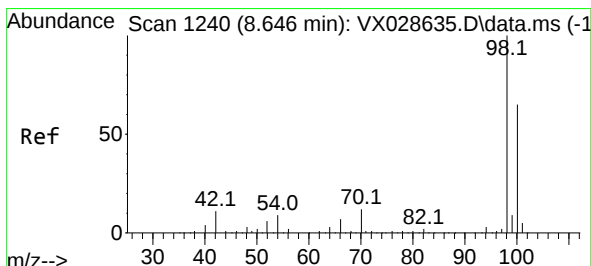
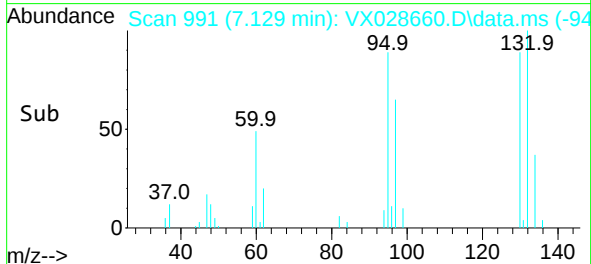
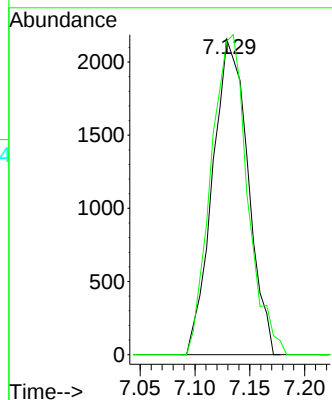
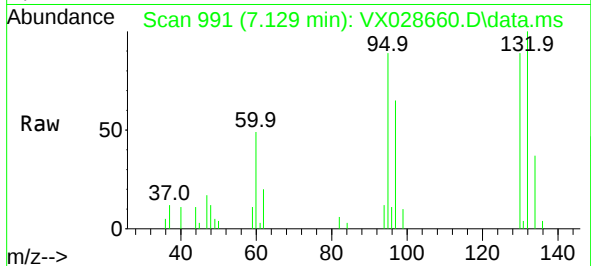




#44
Trichloroethene
Concen: 1.513 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

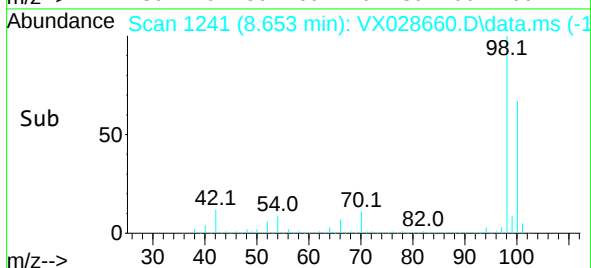
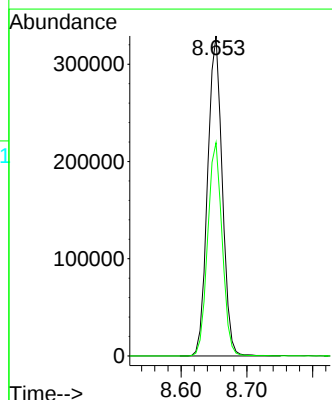
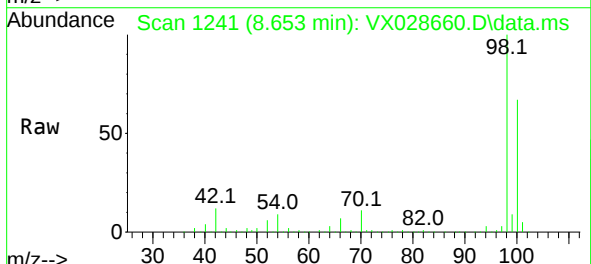
Instrument :
MSVOA_X
ClientSampleId :
MW-5

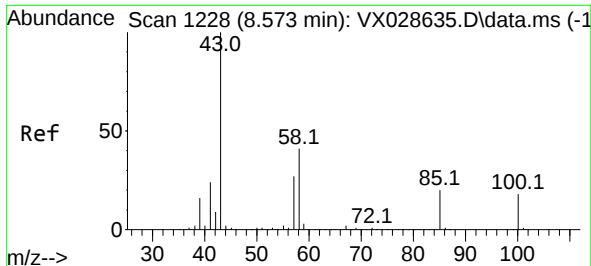
Tgt Ion:130 Resp: 4849
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.8



#50
Toluene-d8
Concen: 49.373 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 98 Resp: 509541
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

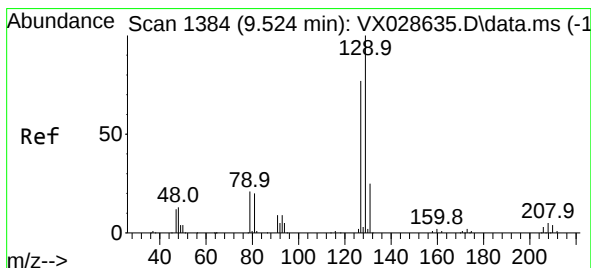
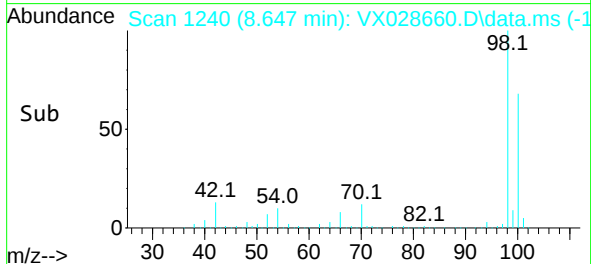
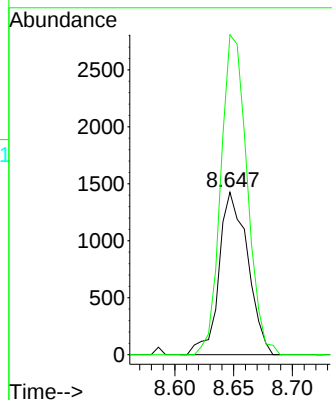
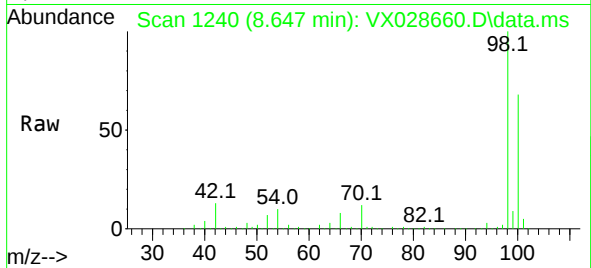




#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

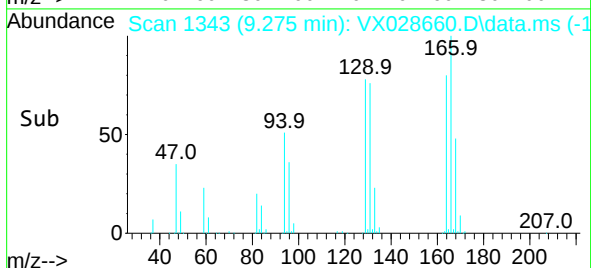
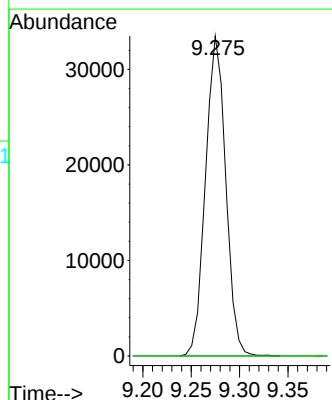
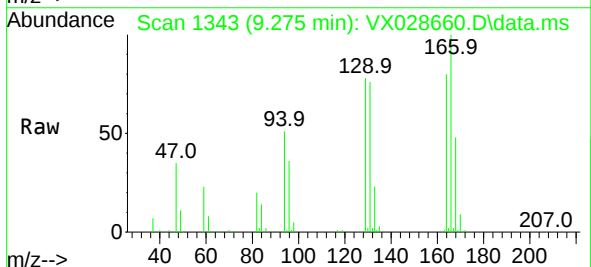
Instrument :
MSVOA_X
ClientSampleId :
MW-5

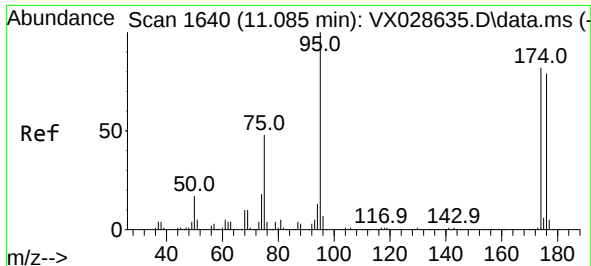
Tgt Ion: 43 Resp: 2424
Ion Ratio Lower Upper
43 100
58 180.1 36.1 54.1#



#60
Dibromochloromethane
Concen: 16.143 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 129 Resp: 48798
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

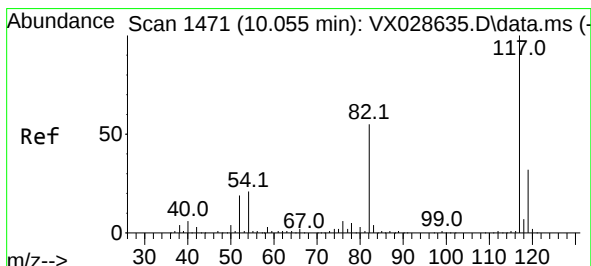
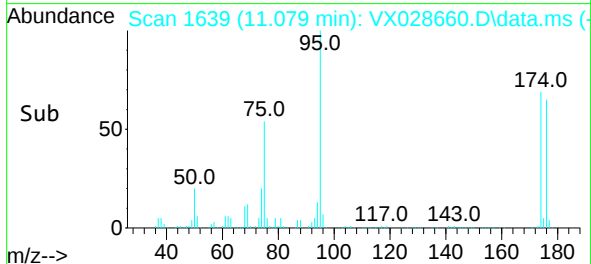
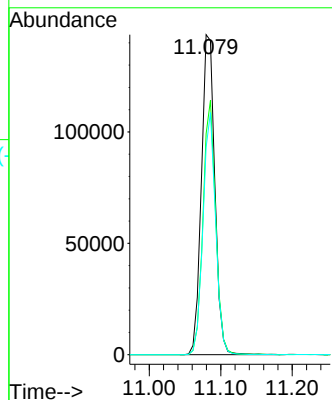
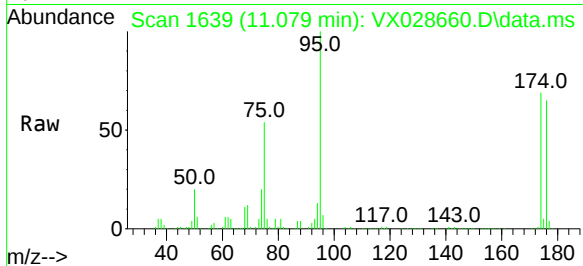




#62
4-Bromofluorobenzene
Concen: 48.533 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

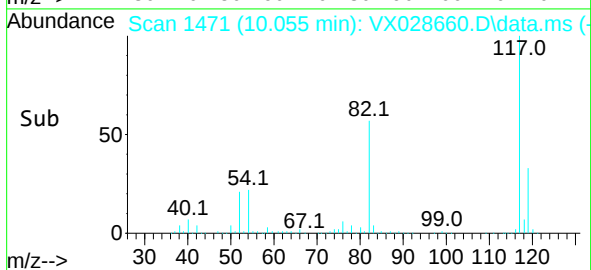
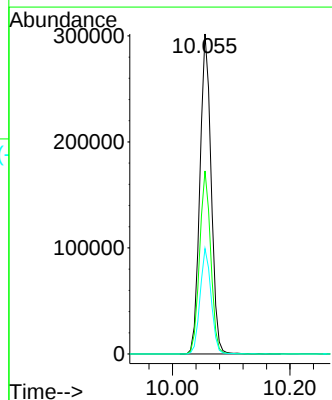
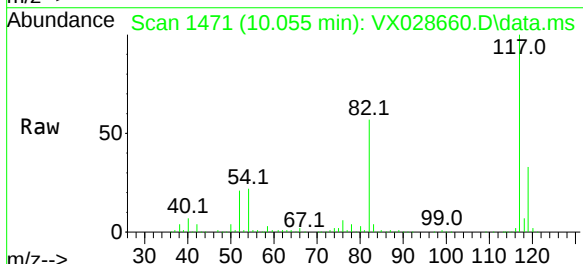
Instrument :
MSVOA_X
ClientSampleId :
MW-5

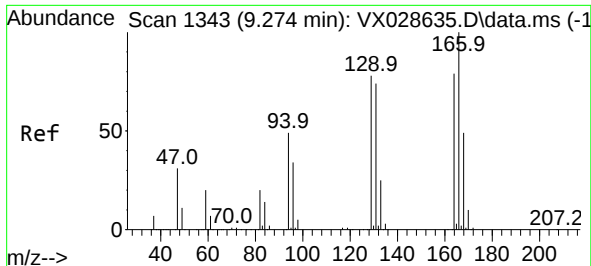
Tgt Ion: 95 Resp: 187079
Ion Ratio Lower Upper
95 100
174 75.1 0.0 163.0
176 71.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 117 Resp: 401108
Ion Ratio Lower Upper
117 100
82 57.2 41.8 62.8
119 33.0 24.8 37.2

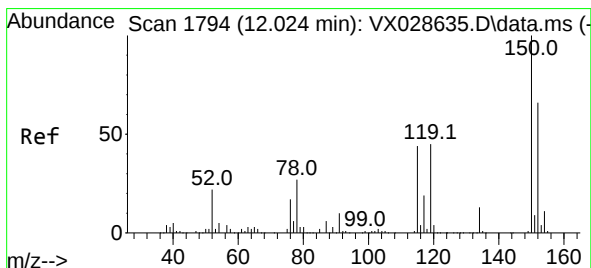
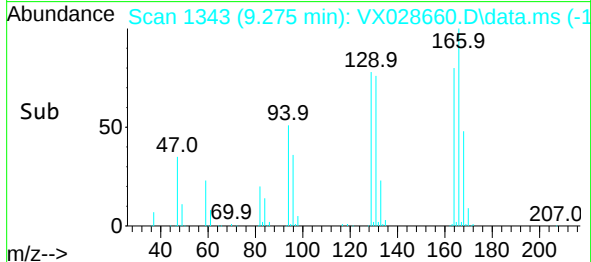
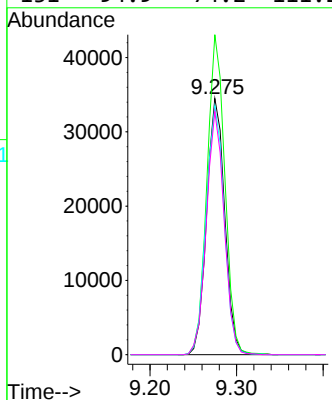
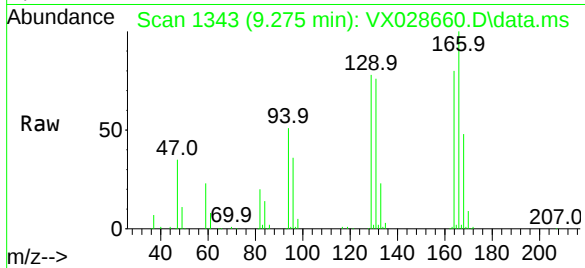




#64
Tetrachloroethene
Concen: 16.518 ug/l
RT: 9.275 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

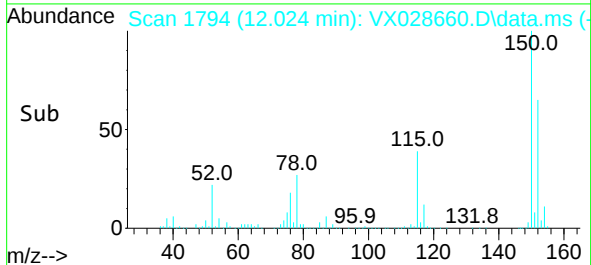
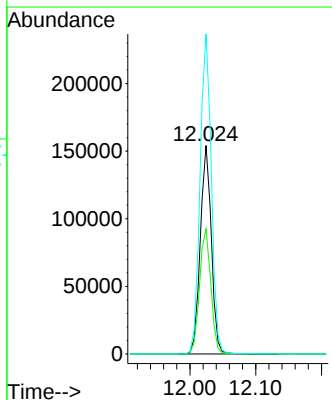
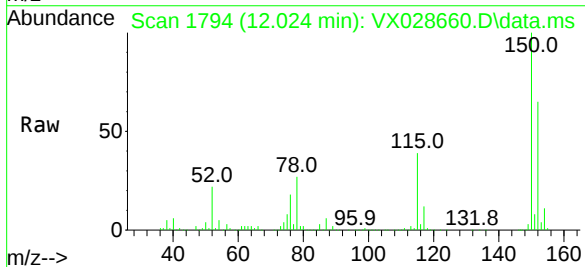
Instrument :
MSVOA_X
ClientSampleId :
MW-5

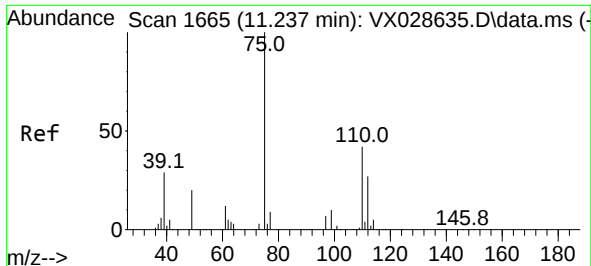
Tgt Ion:164	Resp:	50034
Ion	Ratio	Lower Upper
164	100	
166	124.9	101.2 151.8
129	97.2	73.0 109.4
131	94.9	74.2 111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion:152	Resp:	179775
Ion	Ratio	Lower Upper
152	100	
115	61.5	37.5 112.7
150	156.7	0.0 338.2

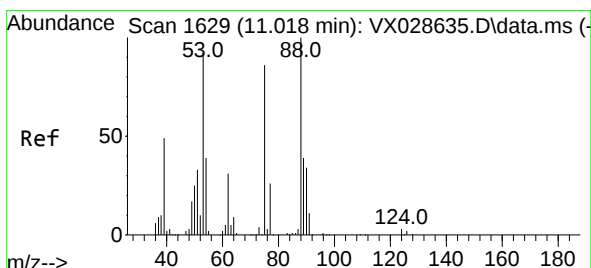
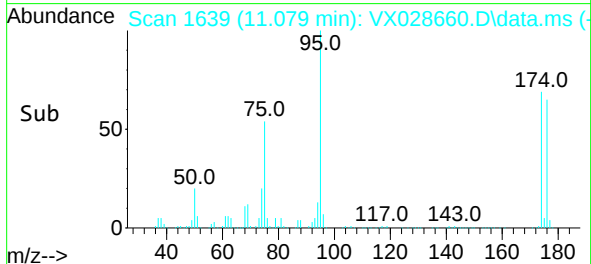
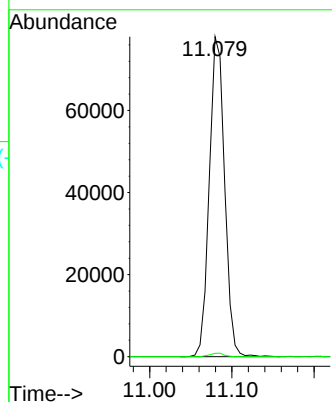
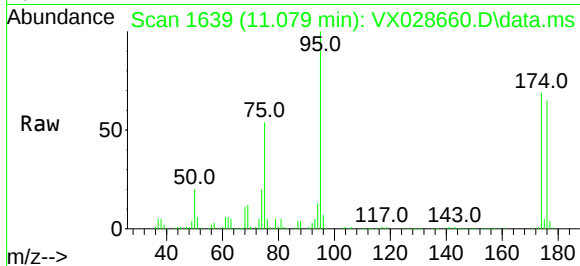




#76
1,2,3-Trichloropropane
Concen: 23.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tgt Ion: 75 Resp: 100932
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028660.D
Acq: 12 May 2022 23:52

Tgt Ion: 75 Resp: 100932
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

