

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028659.D
 Acq On : 12 May 2022 23:29
 Operator : JC/MD
 Sample : N2811-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: May 13 02:50:59 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)

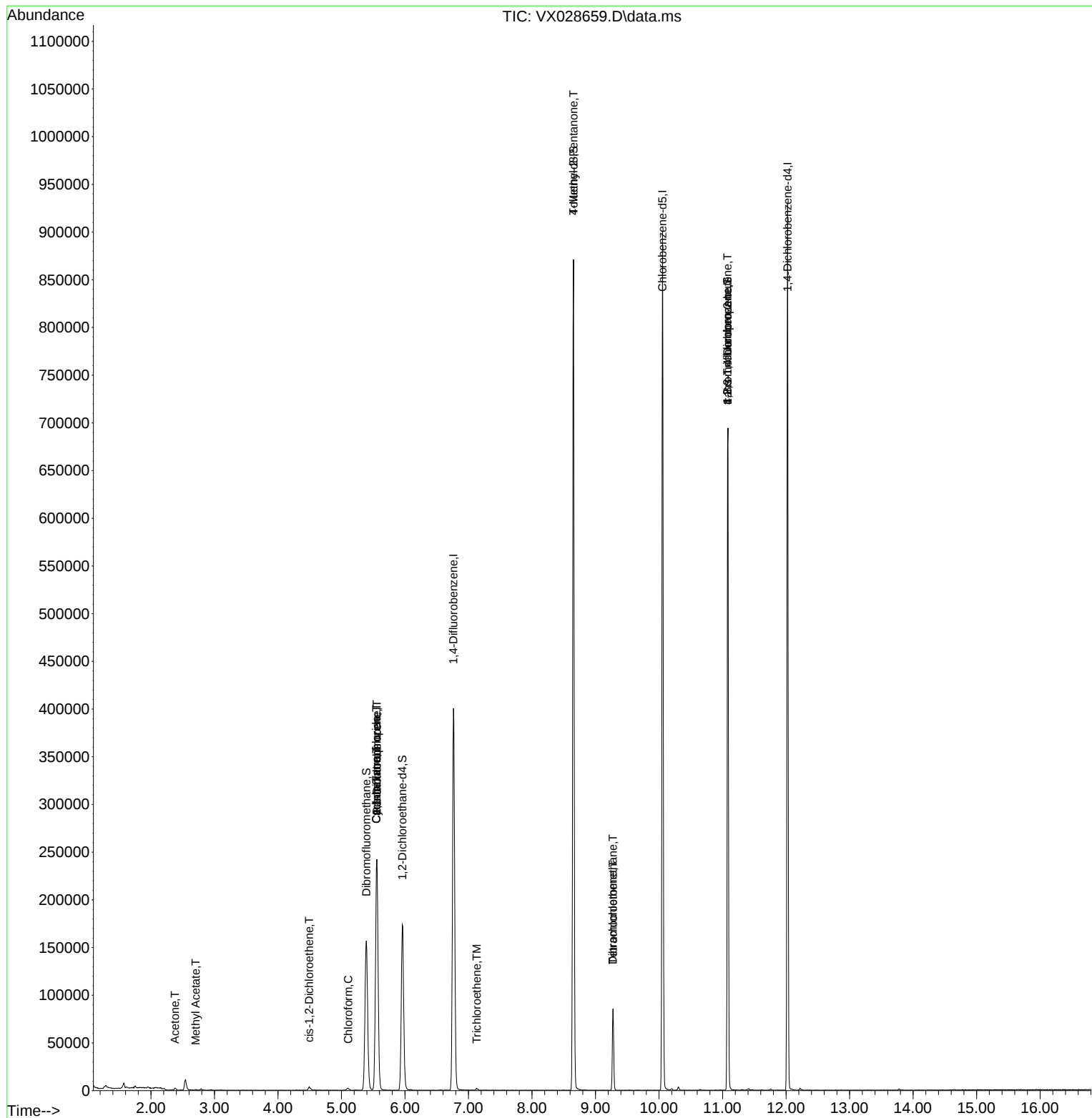
Internal Standards						
1) Pentafluorobenzene	5.556	168	220182	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	409320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162617	53.879	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	= 107.760%		
35) Dibromofluoromethane	5.391	113	134462	50.139	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	= 100.280%		
50) Toluene-d8	8.653	98	500056	49.457	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	= 98.920%		
62) 4-Bromofluorobenzene	11.079	95	184268	48.793	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	= 97.580%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	592	Below Cal	#	61
6) Chloroethane	1.679	64	189	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	244	Below Cal	#	72
16) Acetone	2.380	43	2389	1.844	ug/l	90
18) Methyl Acetate	2.703	43	730	0.225	ug/l	# 78
27) cis-1,2-Dichloroethene	4.489	96	1983	0.661	ug/l	97
30) Chloroform	5.105	83	2458	0.500	ug/l	94
31) Cyclohexane	5.550	56	5351	1.277	ug/l	# 34
36) 1,1-Dichloropropene	5.556	75	18578	4.612	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	23598	5.821	ug/l	# 15
44) Trichloroethene	7.129	130	652	0.208	ug/l	74
51) 4-Methyl-2-Pentanone	8.653	43	2039	0.470	ug/l	# 1
60) Dibromochloromethane	9.275	129	14814	5.002	ug/l	# 9
64) Tetrachloroethene	9.275	164	15142	5.118	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	99278	23.992	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	99278	69.904	ug/l	# 15

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
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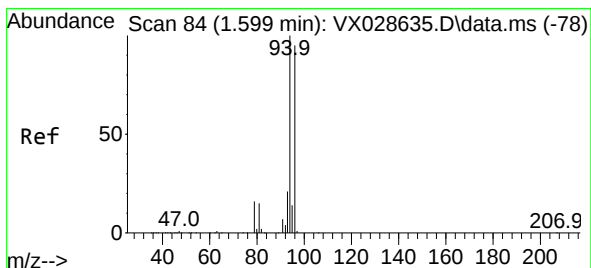
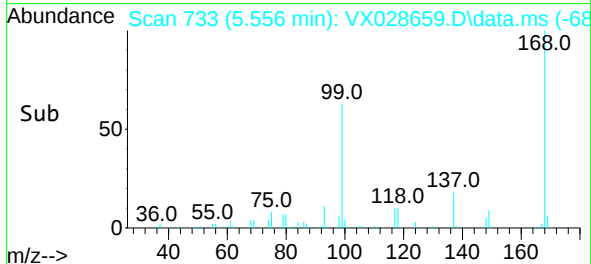
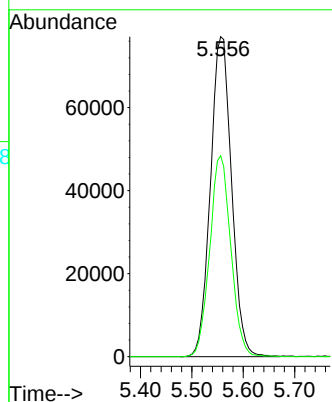
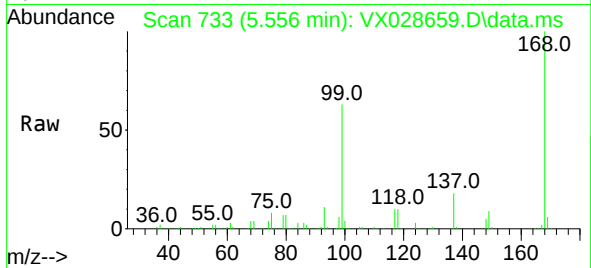




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

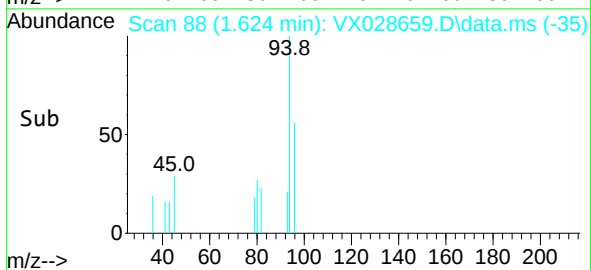
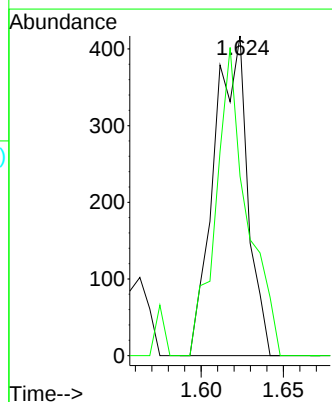
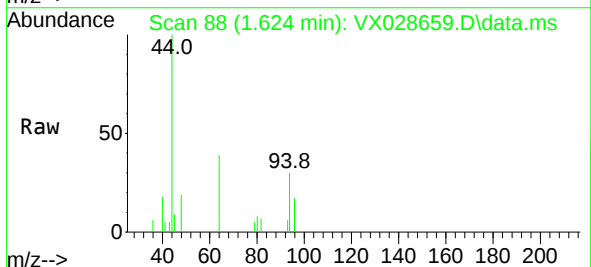
Instrument :
MSVOA_X
ClientSampleId :
MW-4

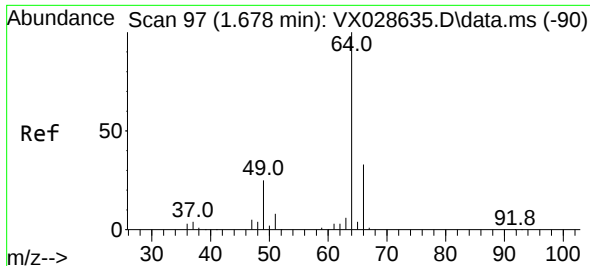
Tgt Ion:168 Resp: 220182
Ion Ratio Lower Upper
168 100
99 62.8 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Tgt Ion: 94 Resp: 592
Ion Ratio Lower Upper
94 100
96 56.1 75.3 112.9#

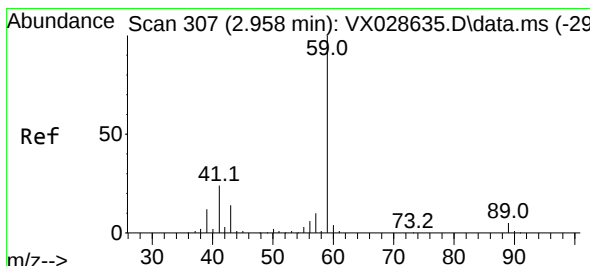
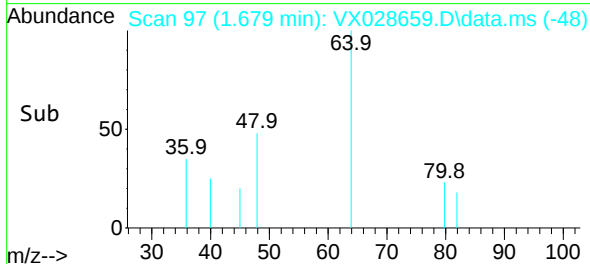
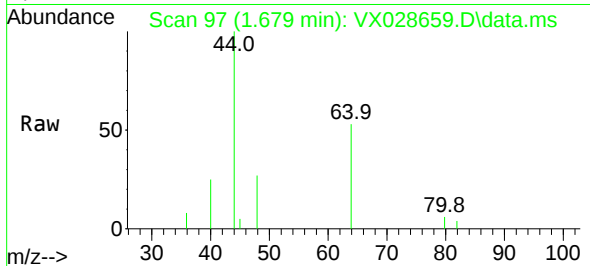




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

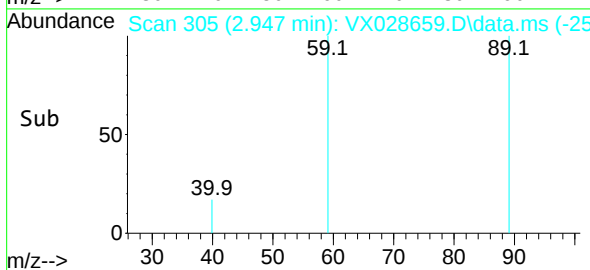
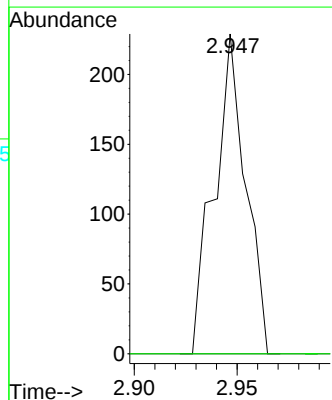
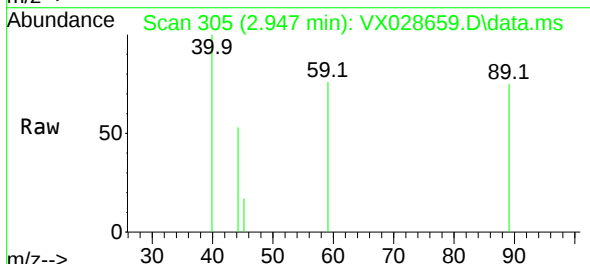
Instrument :
MSVOA_X
ClientSampleId :
MW-4

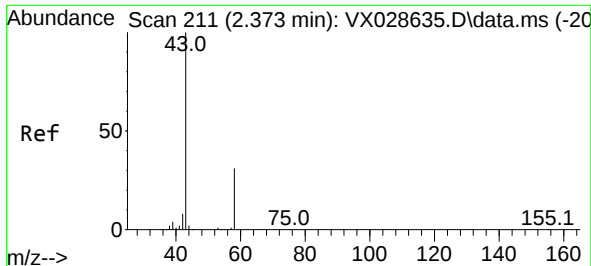
Tgt Ion: 64 Resp: 189
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16

Acetone

Concen: 1.844 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.007 min

Lab File: VX028659.D

Acq: 12 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

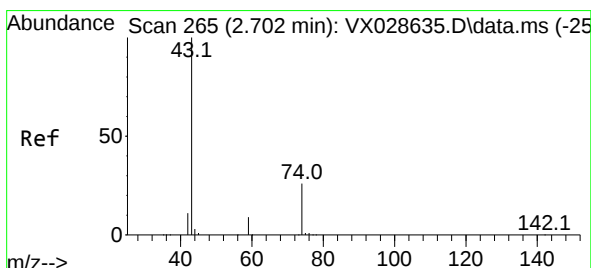
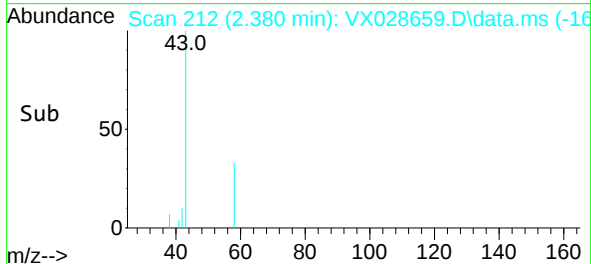
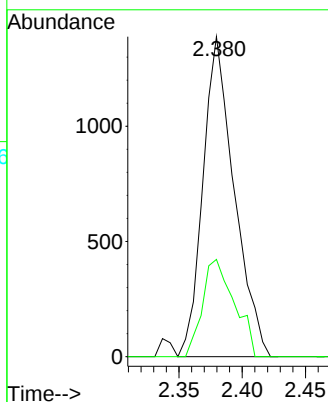
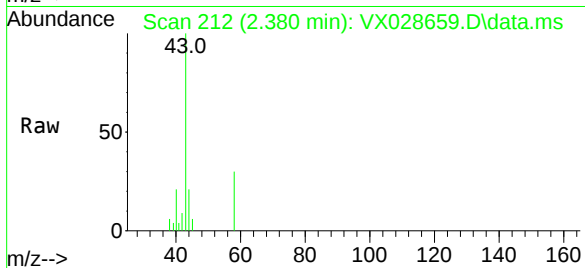
MW-4

Tgt Ion: 43 Resp: 2389

Ion Ratio Lower Upper

43 100

58 30.4 28.8 43.2



#18

Methyl Acetate

Concen: 0.225 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.001 min

Lab File: VX028659.D

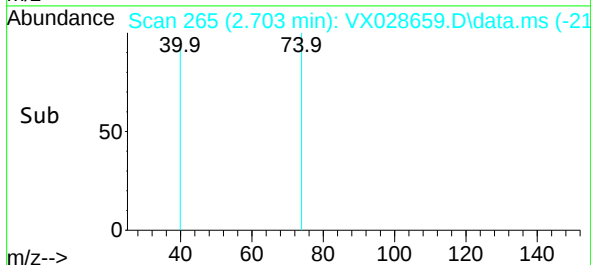
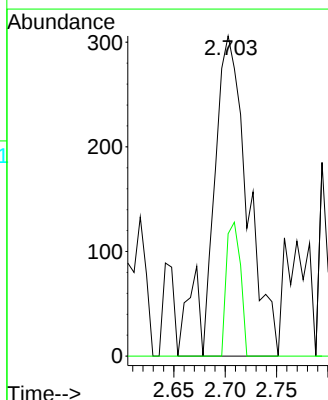
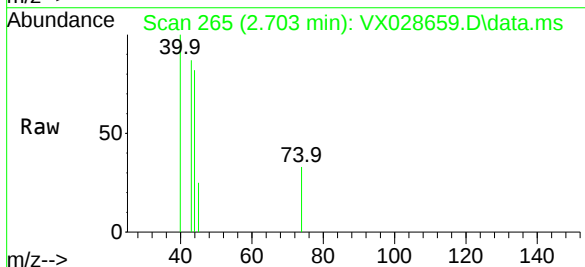
Acq: 12 May 2022 23:29

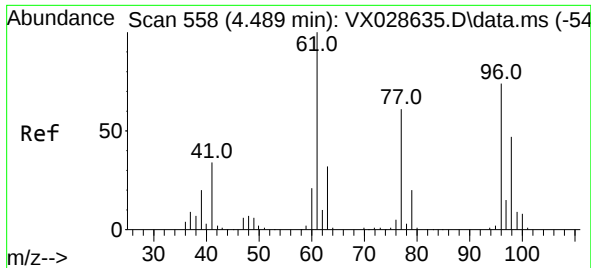
Tgt Ion: 43 Resp: 730

Ion Ratio Lower Upper

43 100

74 16.6 22.8 34.2#

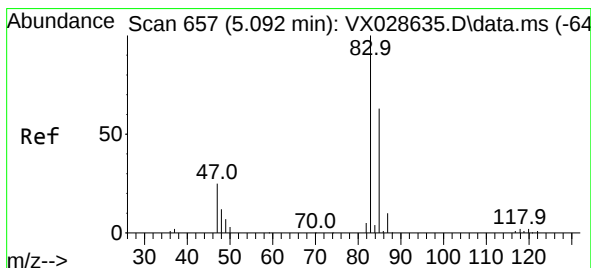
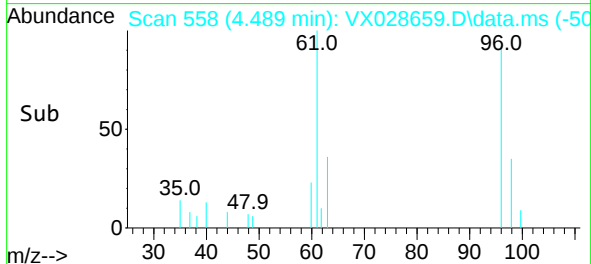
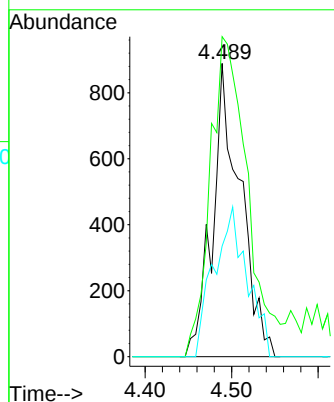
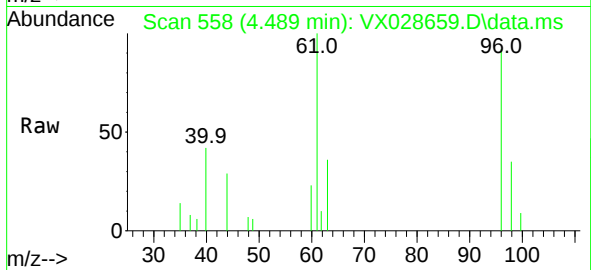




#27
 cis-1,2-Dichloroethene
 Concen: 0.661 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX028659.D
 Acq: 12 May 2022 23:29

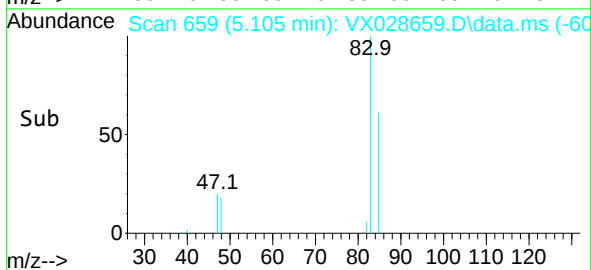
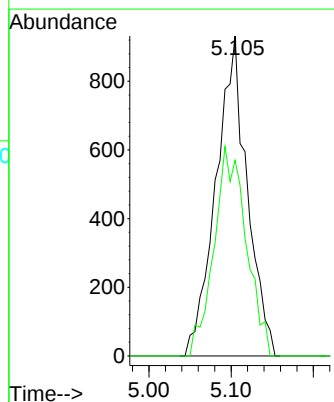
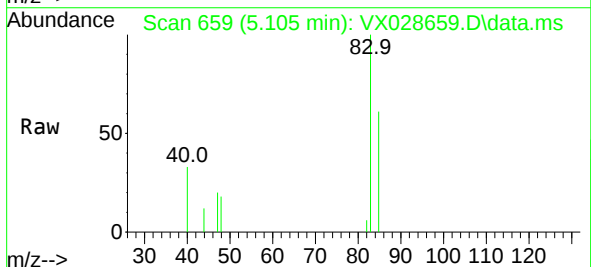
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

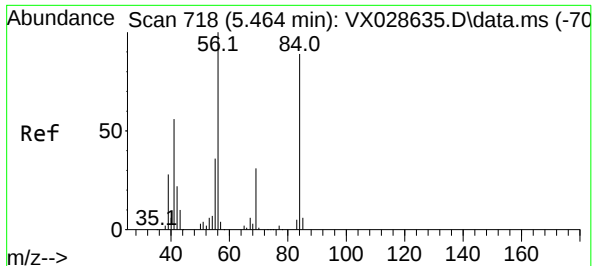
Tgt Ion: 96	Resp:	1983	
Ion	Ratio	Lower	Upper
96	100		
61	144.5	0.0	283.8
98	61.2	0.0	129.8



#30
 Chloroform
 Concen: 0.500 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.013 min
 Lab File: VX028659.D
 Acq: 12 May 2022 23:29

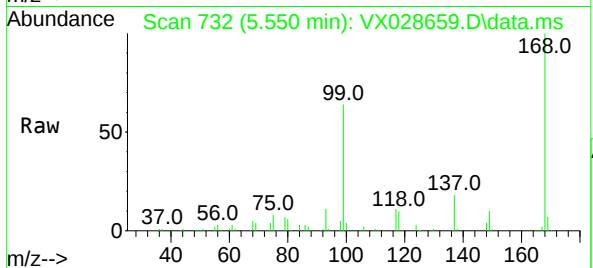
Tgt Ion: 83	Resp:	2458	
Ion	Ratio	Lower	Upper
83	100		
85	61.2	52.7	79.1



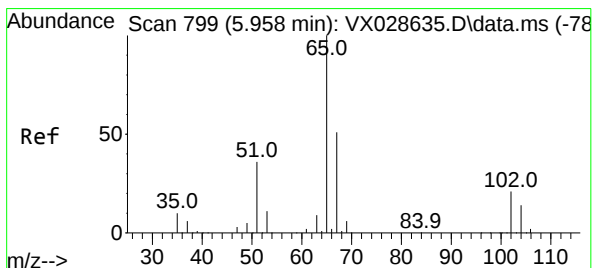
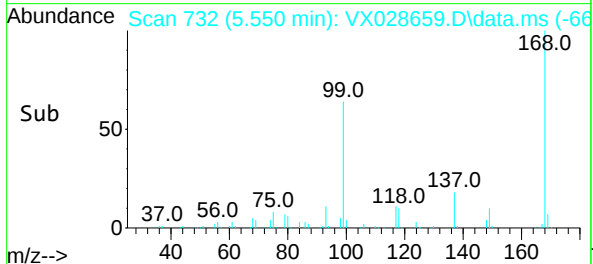
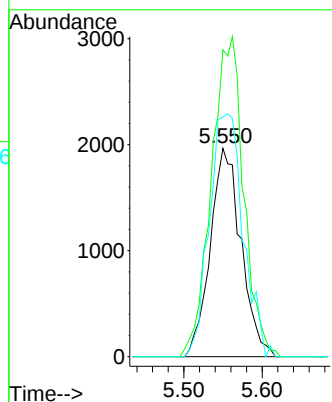


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
MW-4

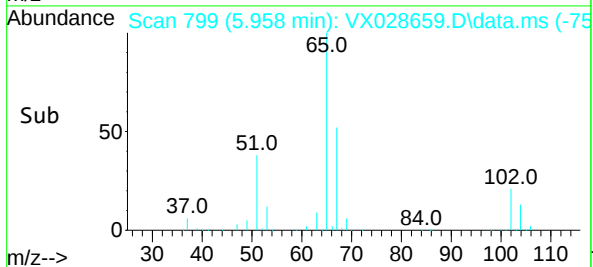
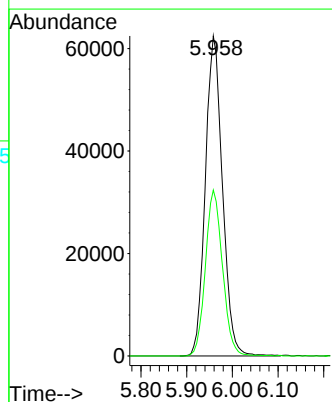
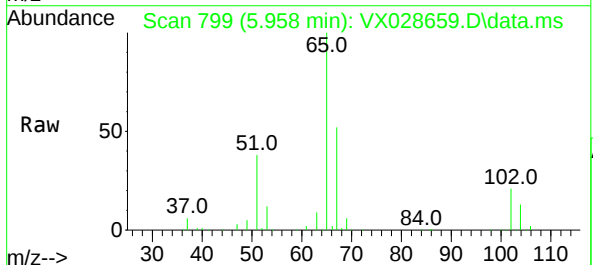


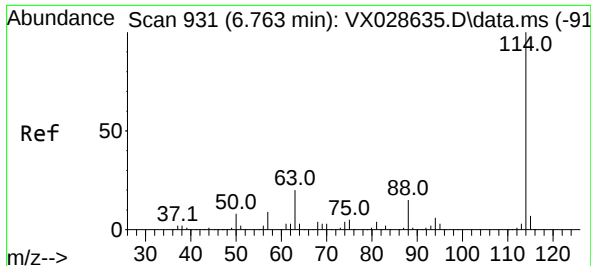
Tgt Ion: 56 Resp: 5351
Ion Ratio Lower Upper
56 100
69 147.3 26.7 40.1#
84 115.0 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 53.879 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Tgt Ion: 65 Resp: 162617
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

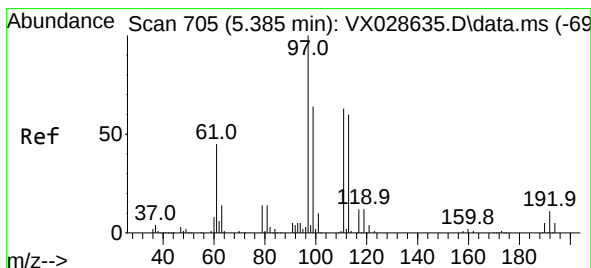
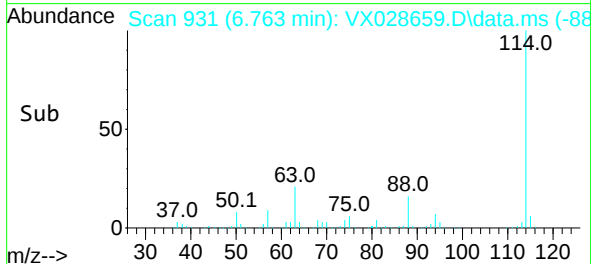
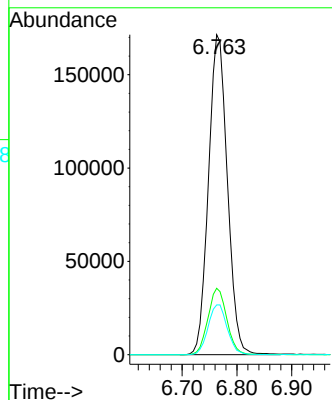
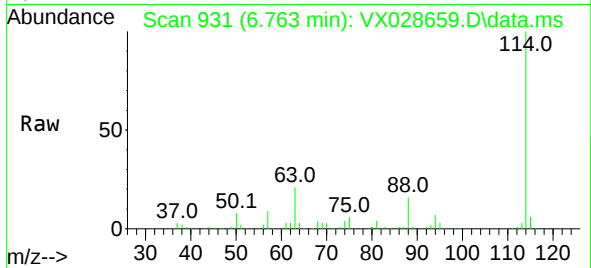




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

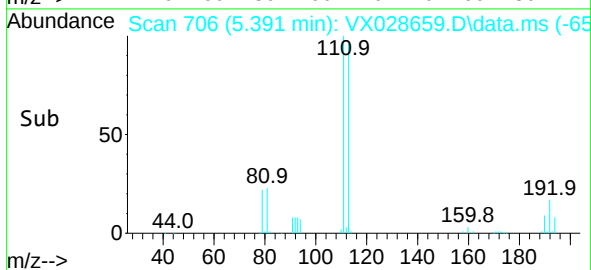
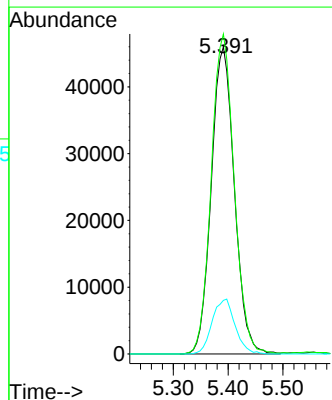
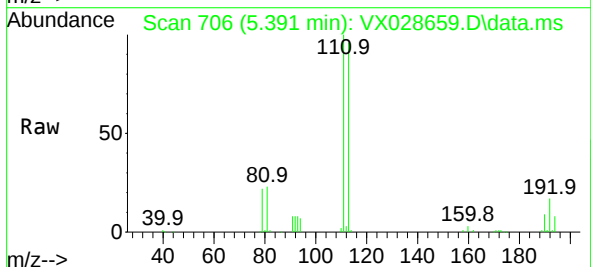
Instrument :
MSVOA_X
ClientSampleId :
MW-4

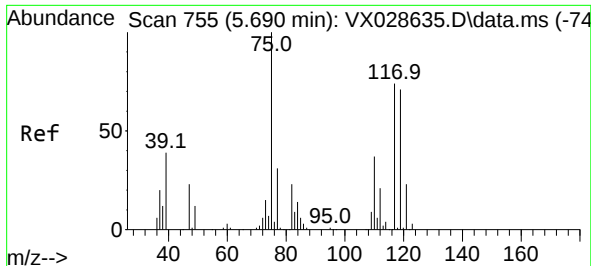
Tgt Ion:114 Resp: 409320
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.139 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Tgt Ion:113 Resp: 134462
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 17.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.612 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX028659.D

Acq: 12 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

MW-4

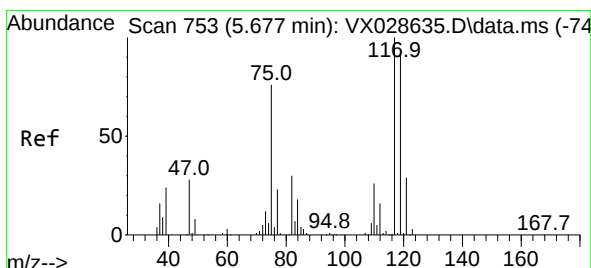
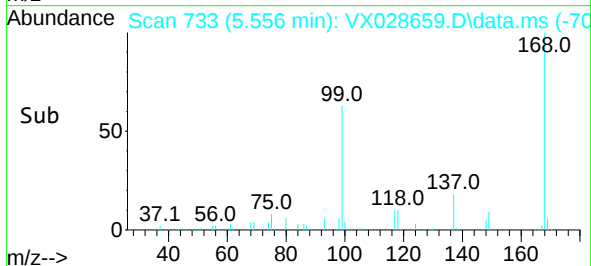
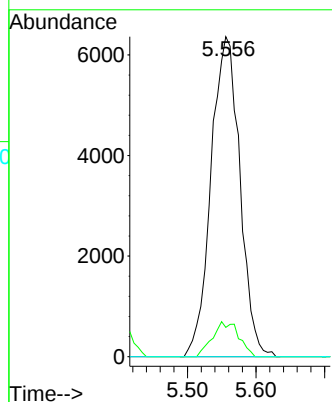
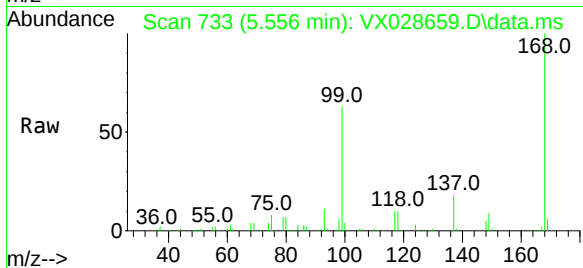
Tgt Ion: 75 Resp: 18578

Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.821 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX028659.D

Acq: 12 May 2022 23:29

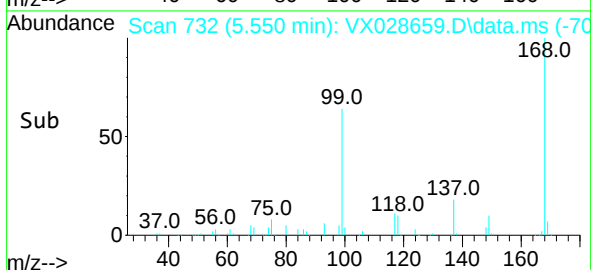
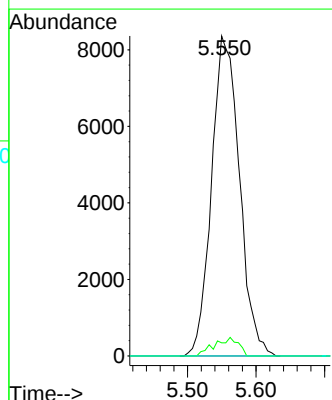
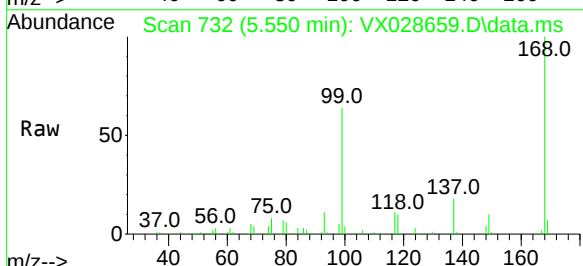
Tgt Ion: 117 Resp: 23598

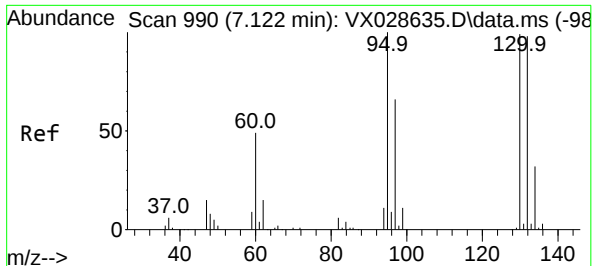
Ion Ratio Lower Upper

117 100

119 4.1 77.3 115.9#

121 0.0 24.2 36.2#





#44

Trichloroethene

Concen: 0.208 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028659.D

Acq: 12 May 2022 23:29

Instrument :

MSVOA_X

ClientSampleId :

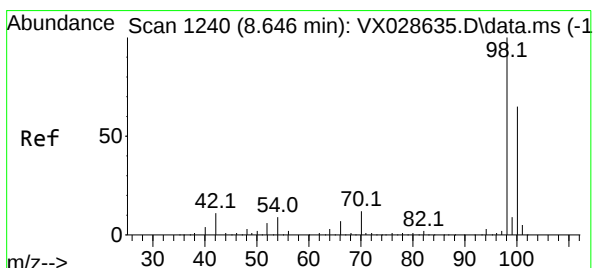
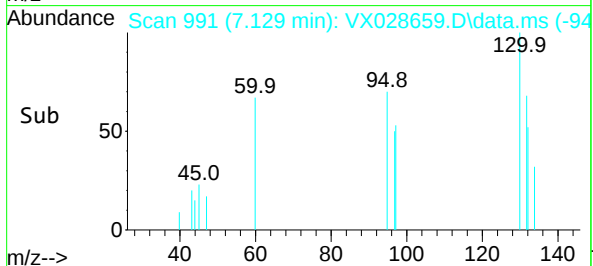
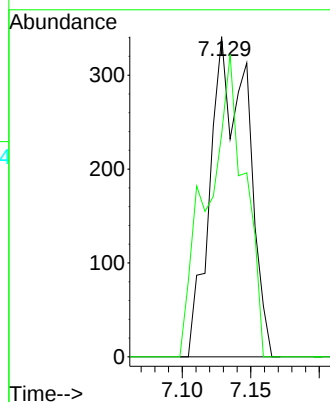
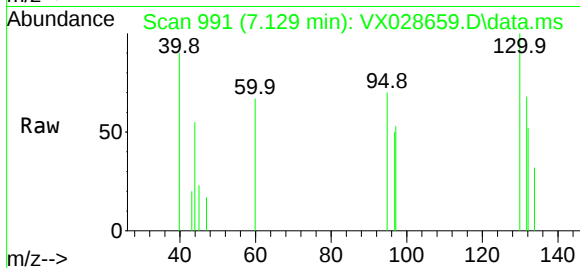
MW-4

Tgt Ion:130 Resp: 652

Ion Ratio Lower Upper

130 100

95 69.5 0.0 188.8



#50

Toluene-d8

Concen: 49.457 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028659.D

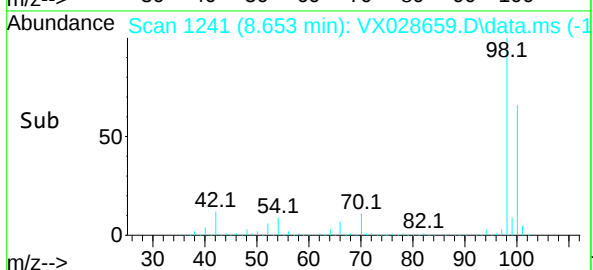
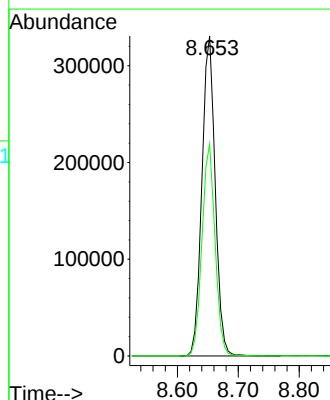
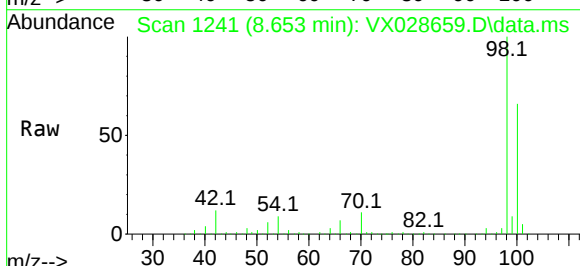
Acq: 12 May 2022 23:29

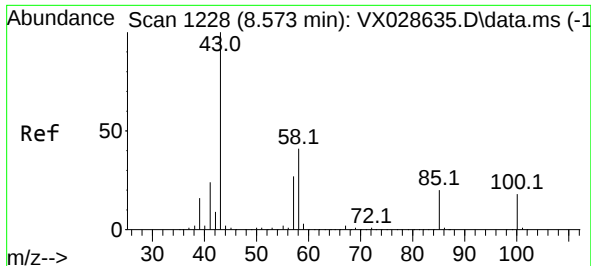
Tgt Ion: 98 Resp: 500056

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

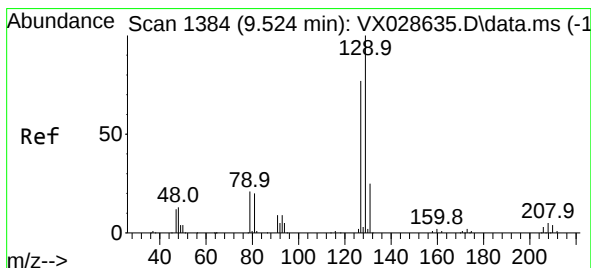
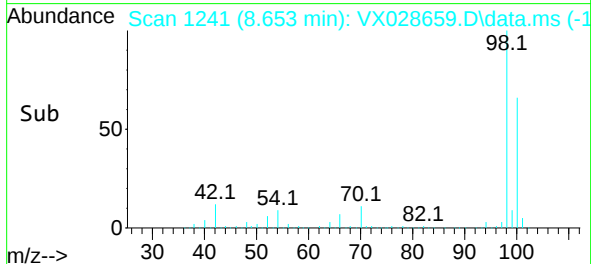
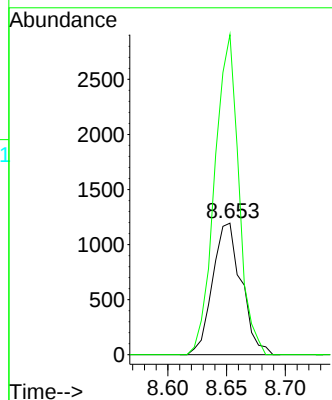
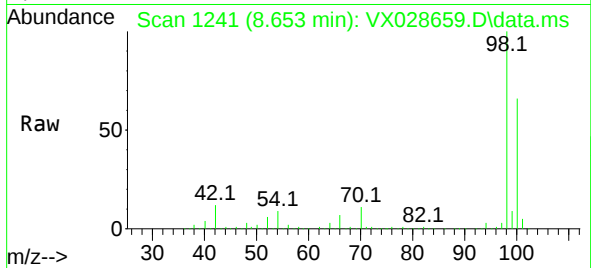




#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

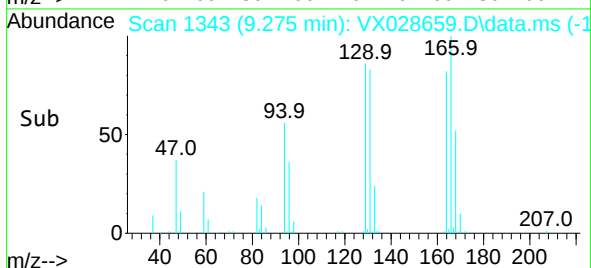
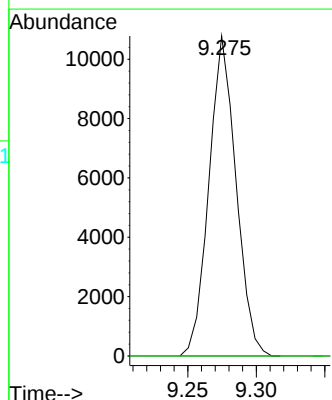
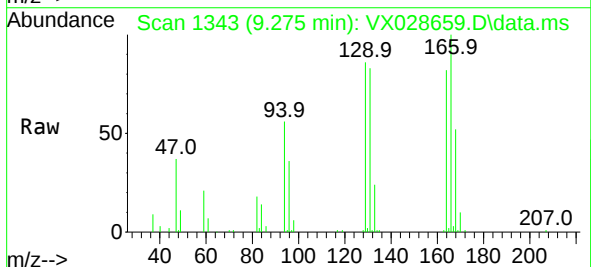
Instrument :
MSVOA_X
ClientSampleId :
MW-4

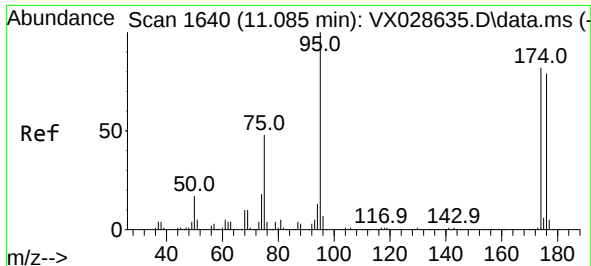
Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
58 204.1 36.1 54.1#



#60
Dibromochloromethane
Concen: 5.002 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Tgt Ion: 129 Resp: 14814
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

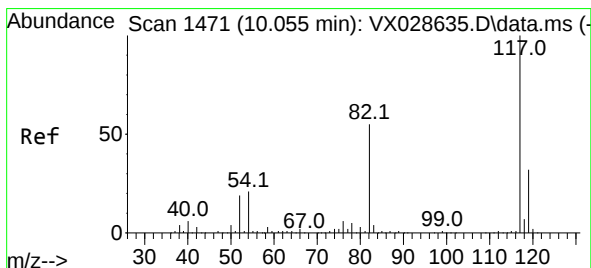
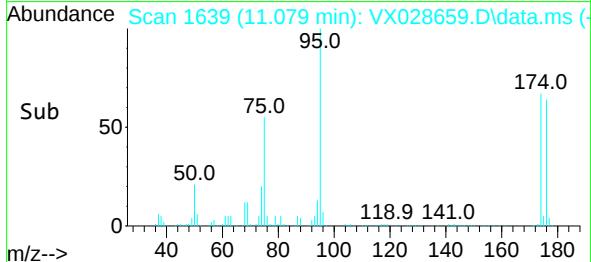
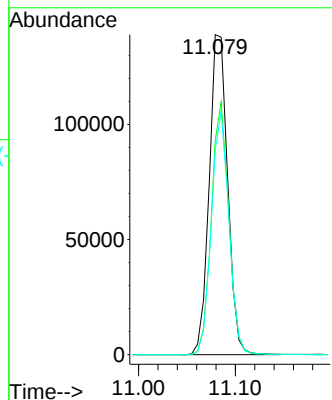
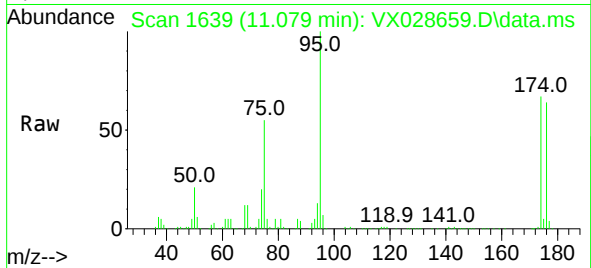




#62
4-Bromofluorobenzene
Concen: 48.793 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

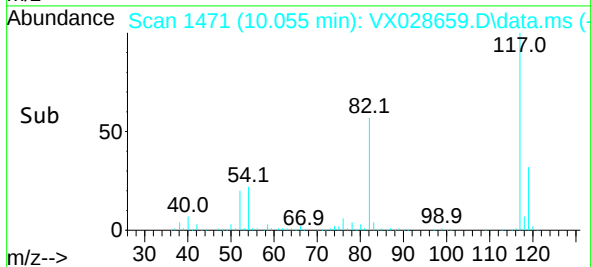
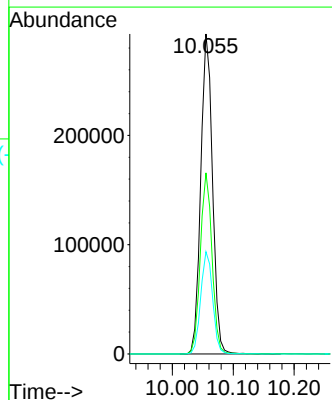
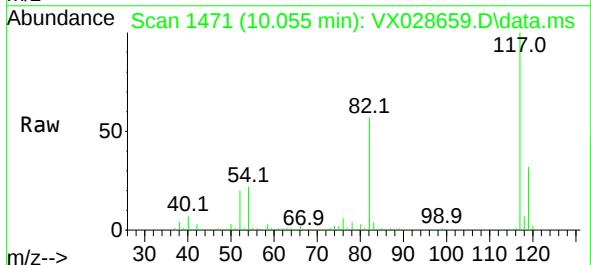
Instrument :
MSVOA_X
ClientSampleId :
MW-4

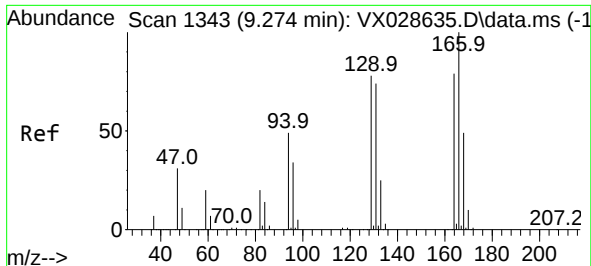
Tgt Ion: 95 Resp: 184268
Ion Ratio Lower Upper
95 100
174 74.7 0.0 163.0
176 72.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Tgt Ion: 117 Resp: 391815
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.0 24.8 37.2

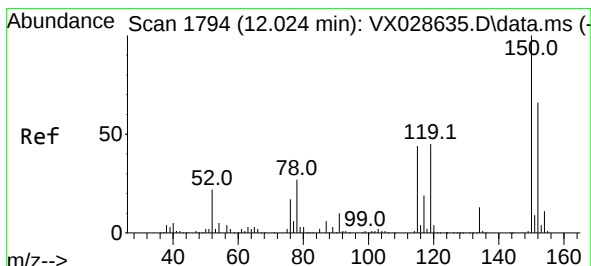
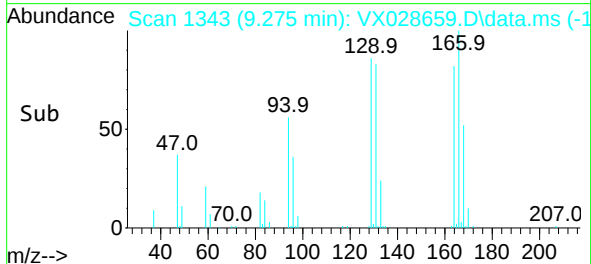
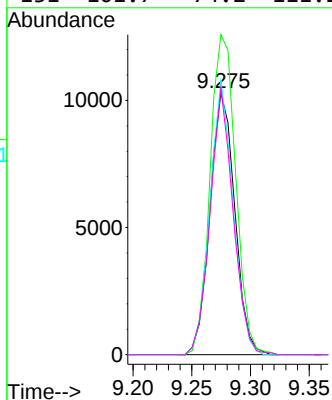
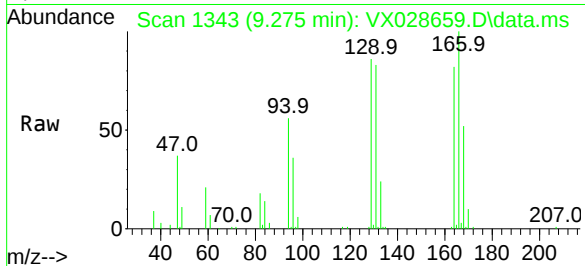




#64
Tetrachloroethene
Concen: 5.118 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

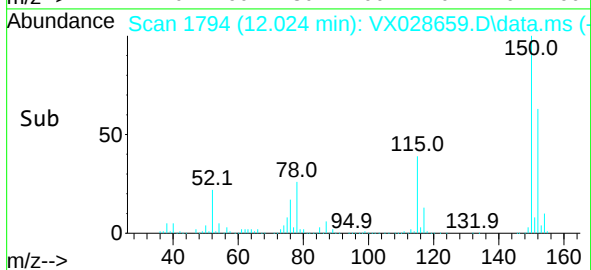
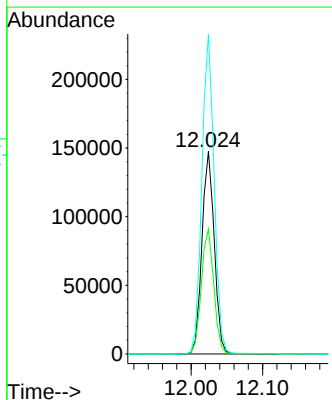
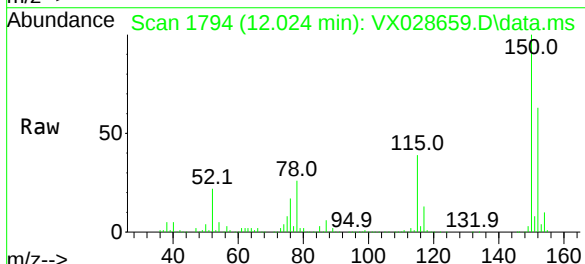
Instrument :
MSVOA_X
ClientSampleId :
MW-4

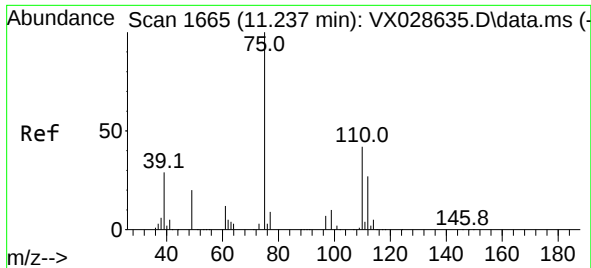
Tgt Ion:164	Resp:	15142
Ion Ratio	Lower	Upper
164	100	
166	122.2	101.2 151.8
129	104.7	73.0 109.4
131	101.7	74.2 111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Tgt Ion:152	Resp:	176691
Ion Ratio	Lower	Upper
152	100	
115	62.4	37.5 112.7
150	157.3	0.0 338.2

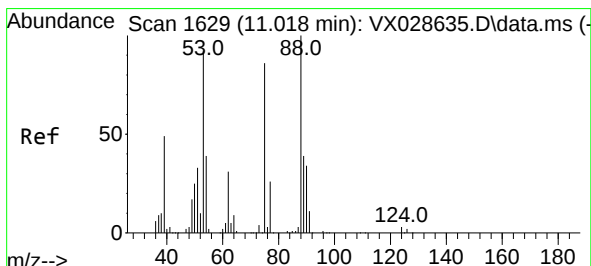
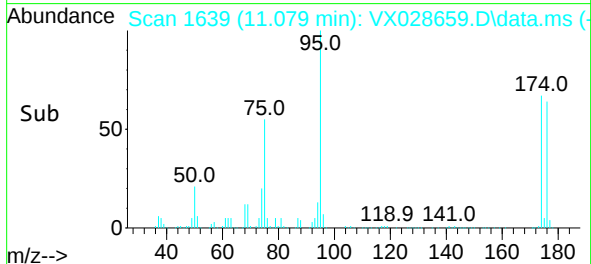
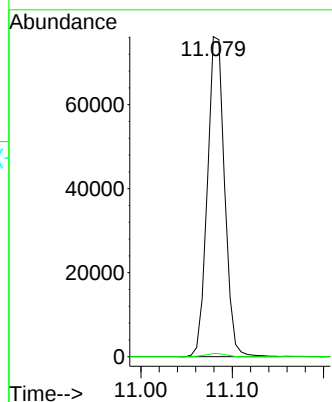
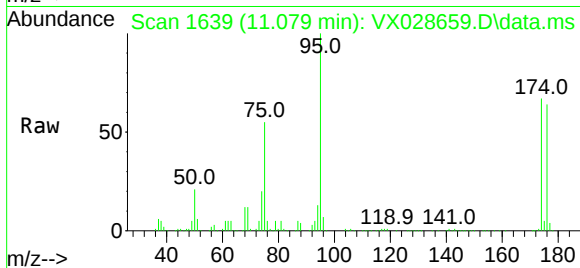




#76
1,2,3-Trichloropropane
Concen: 23.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 99278
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028659.D
Acq: 12 May 2022 23:29

Tgt Ion: 75 Resp: 99278
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

