

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028658.D
 Acq On : 12 May 2022 23:05
 Operator : JC/MD
 Sample : N2811-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: May 13 02:50:49 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)

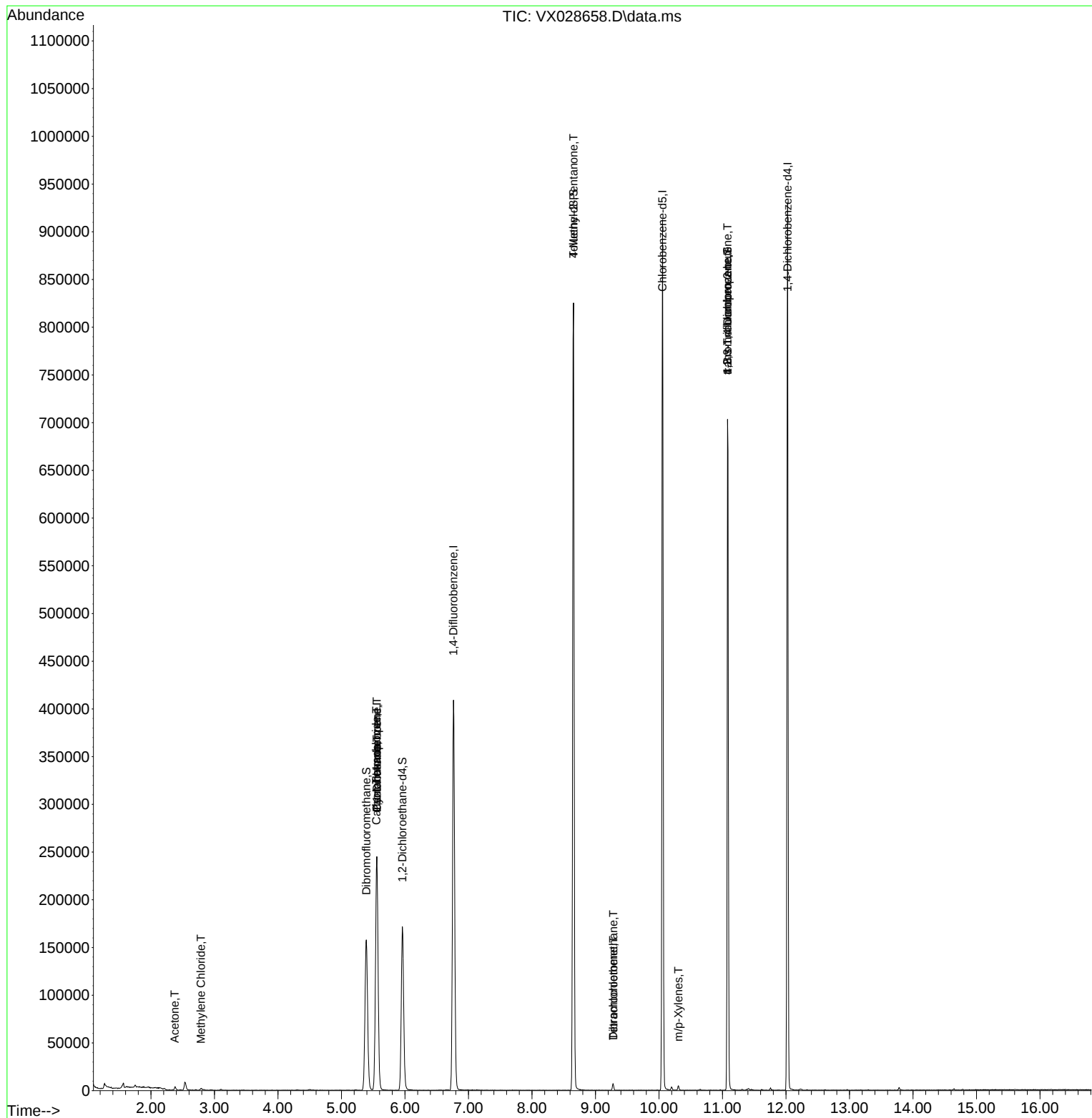
Internal Standards						
1) Pentafluorobenzene	5.556	168	220903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	411056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162161	53.553	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.100%	
35) Dibromofluoromethane	5.391	113	135886	50.456	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.920%	
50) Toluene-d8	8.653	98	500735	49.315	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	11.079	95	184578	48.669	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	538	Below Cal	#	74
6) Chloroethane	1.666	64	161	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	365	Below Cal	#	72
16) Acetone	2.374	43	3270	2.516	ug/l	91
20) Methylene Chloride	2.788	84	701	0.257	ug/l #	87
31) Cyclohexane	5.556	56	5371	1.278	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	18484	4.569	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23465	5.764	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2062	0.474	ug/l #	1
60) Dibromochloromethane	9.281	129	1306	0.439	ug/l #	9
64) Tetrachloroethene	9.281	164	1145	0.386	ug/l	94
68) m/p-Xylenes	10.305	106	1267	0.218	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	99598	24.091	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	99598	70.178	ug/l #	15

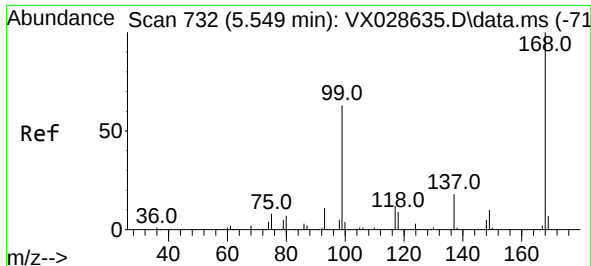
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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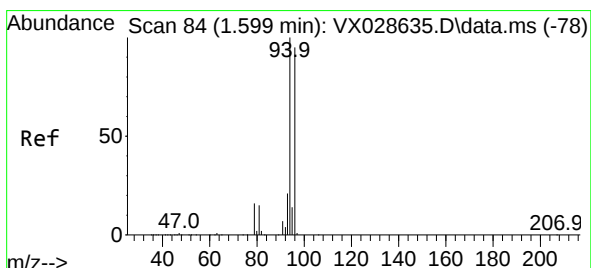
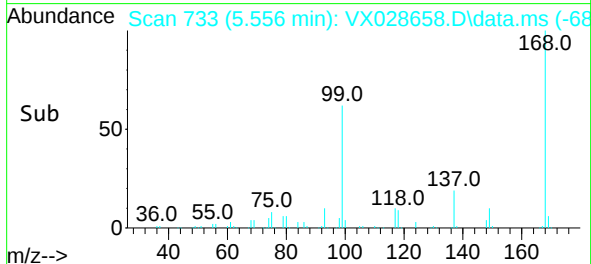
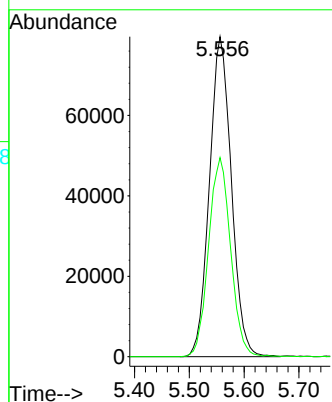
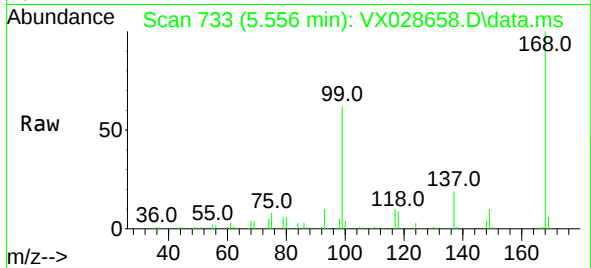




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

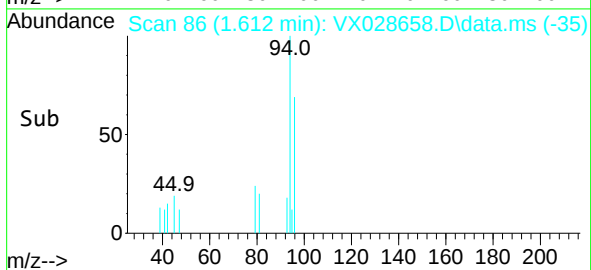
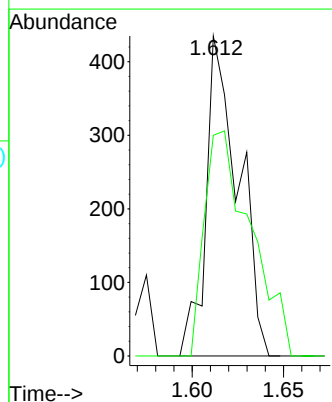
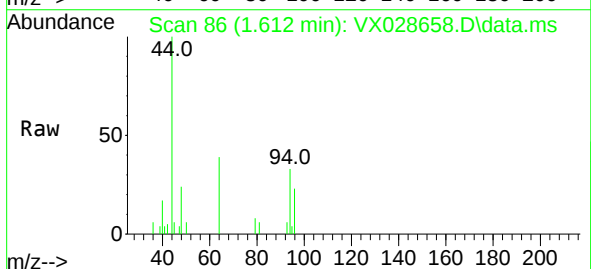
Instrument :
MSVOA_X
ClientSampleId :
MW-2

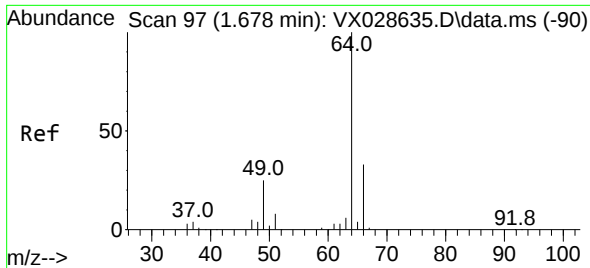
Tgt Ion:168 Resp: 220903
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

Tgt Ion: 94 Resp: 538
Ion Ratio Lower Upper
94 100
96 69.0 75.3 112.9#

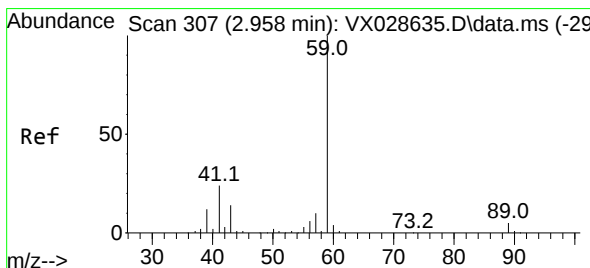
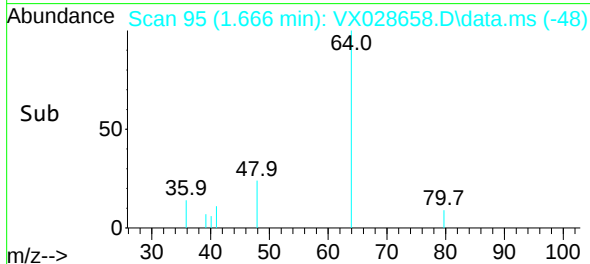
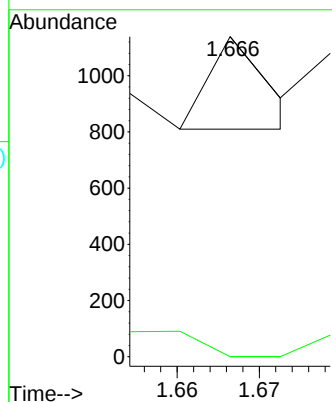
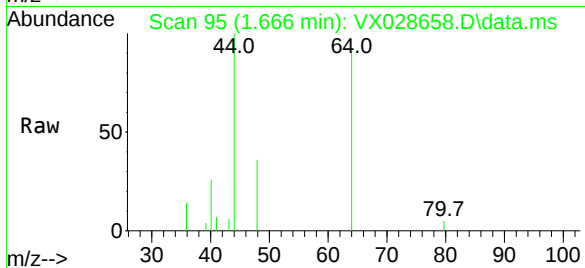




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

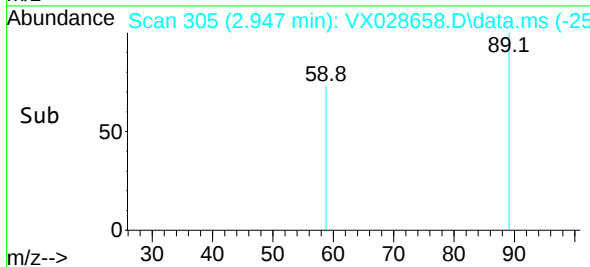
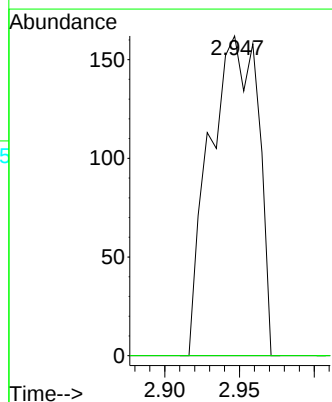
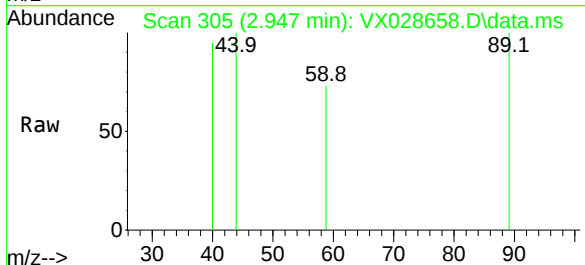
Instrument :
MSVOA_X
ClientSampleId :
MW-2

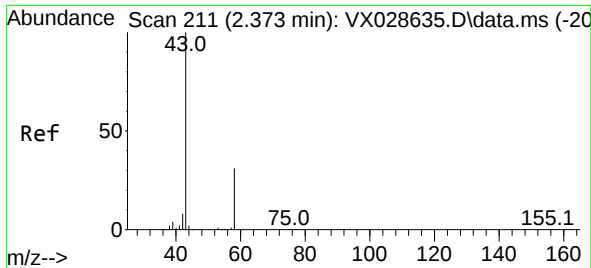
Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

Tgt Ion: 59 Resp: 365
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

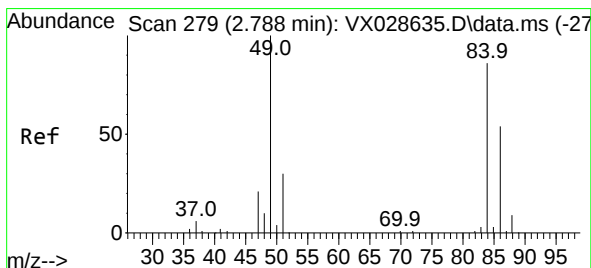
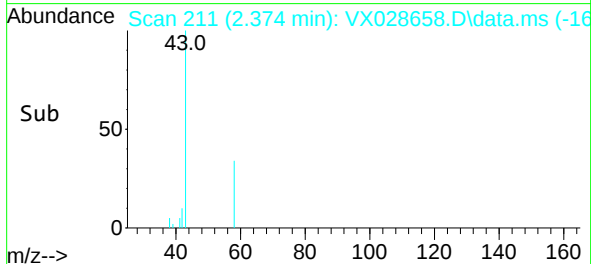
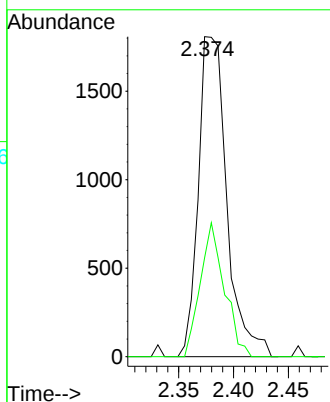
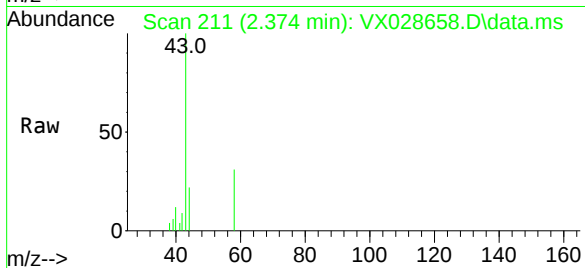




#16
Acetone
Concen: 2.516 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

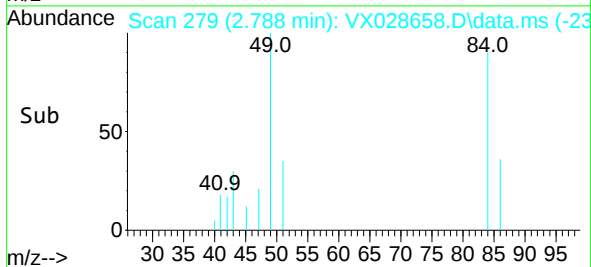
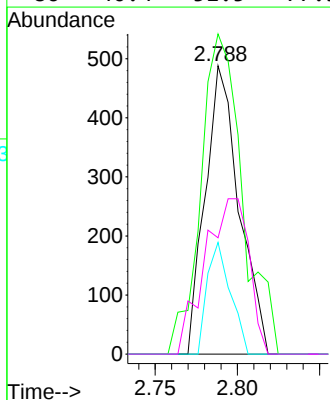
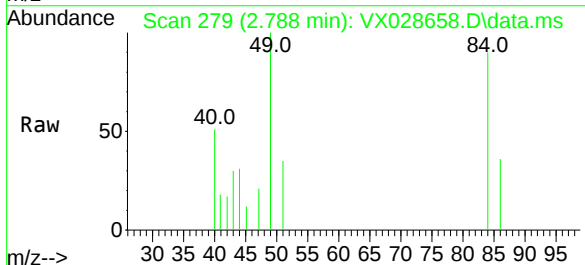
Instrument :
MSVOA_X
ClientSampleId :
MW-2

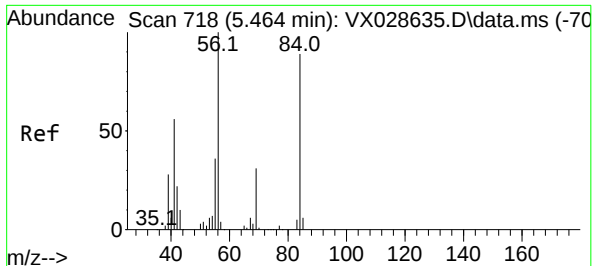
Tgt Ion: 43 Resp: 3270
Ion Ratio Lower Upper
43 100
58 30.9 28.8 43.2



#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

Tgt Ion: 84 Resp: 701
Ion Ratio Lower Upper
84 100
49 111.1 85.5 128.3
51 38.7 26.6 39.8
86 40.4 51.5 77.3#

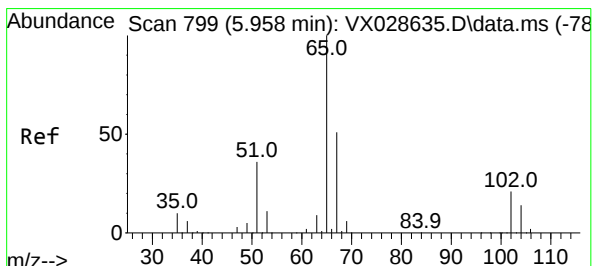
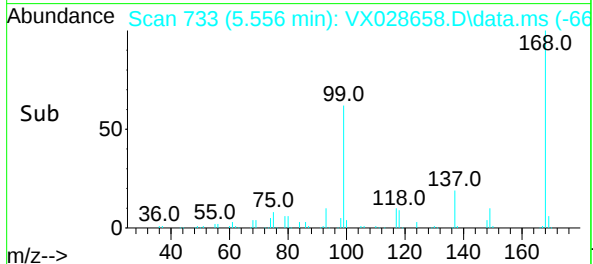
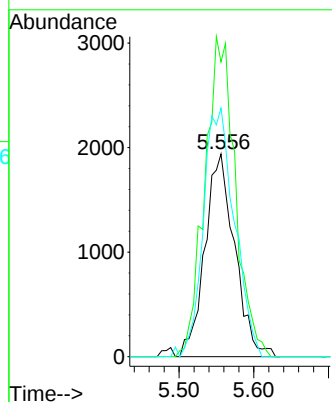
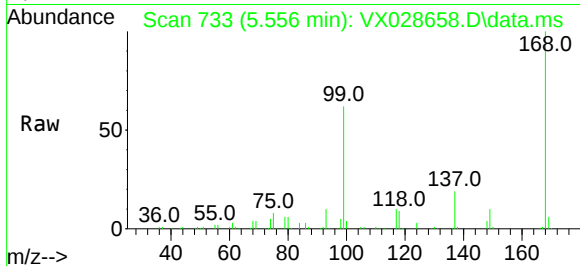




#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

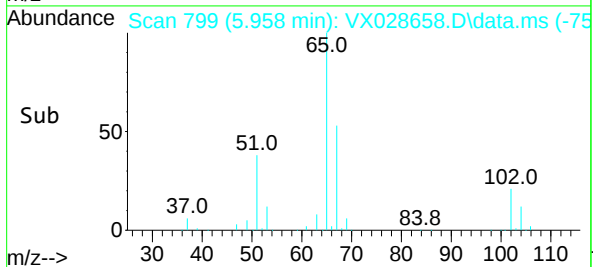
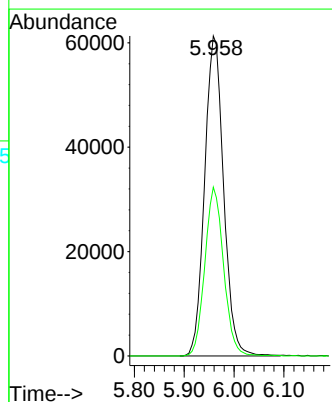
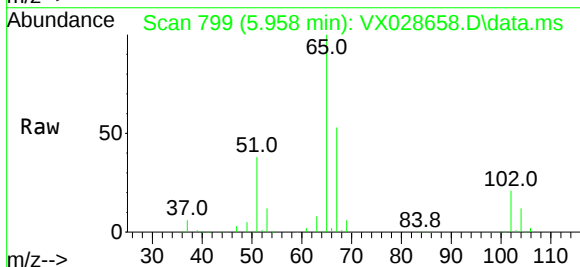
Instrument :
MSVOA_X
ClientSampleId :
MW-2

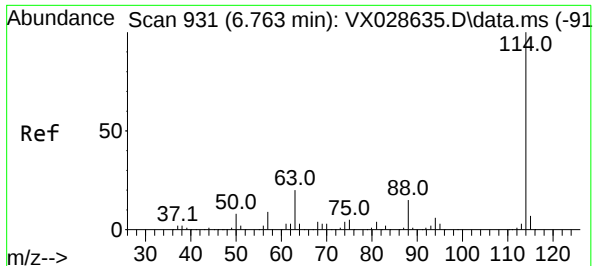
Tgt Ion: 56 Resp: 5371
Ion Ratio Lower Upper
56 100
69 145.4 26.7 40.1#
84 122.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.553 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

Tgt Ion: 65 Resp: 162161
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

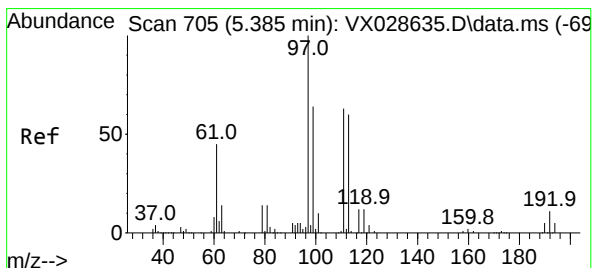
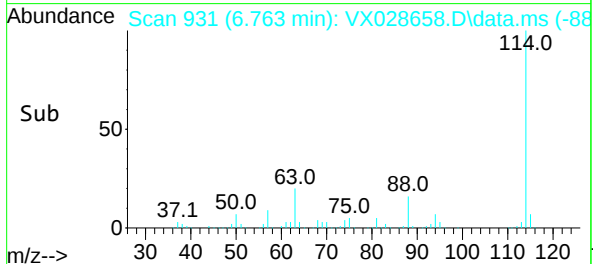
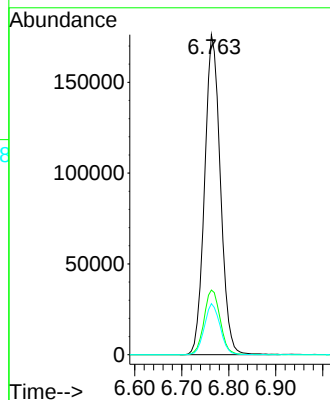
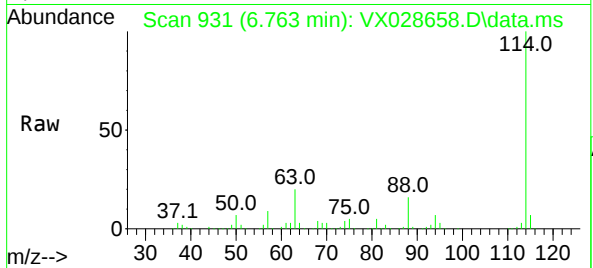




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

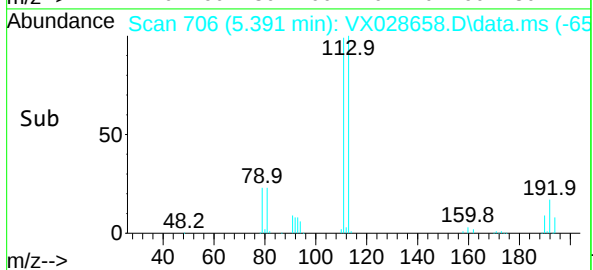
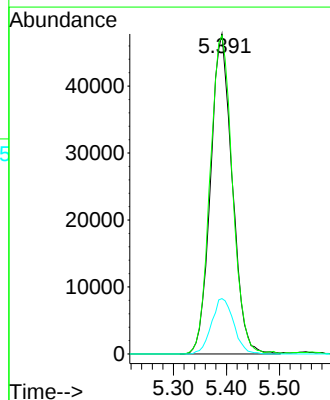
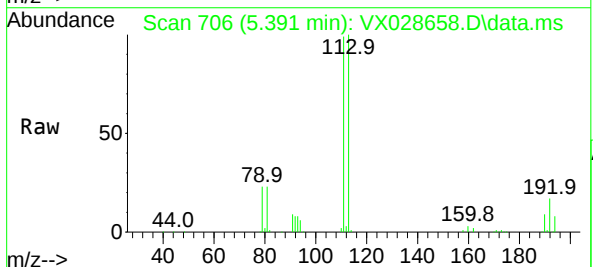
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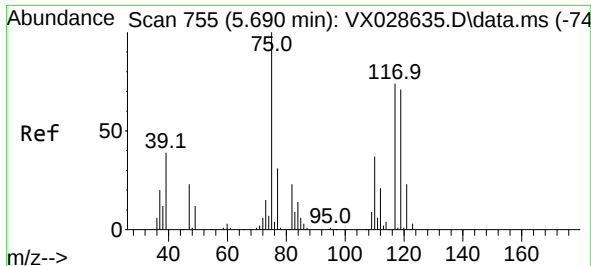
Tgt Ion:114 Resp: 411056
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.456 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

Tgt Ion:113 Resp: 135886
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 17.7 16.9 25.3

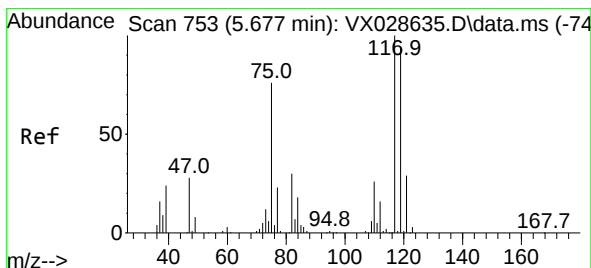
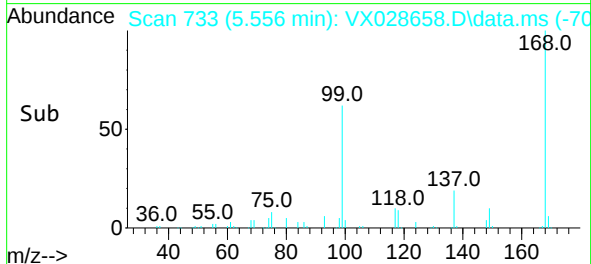
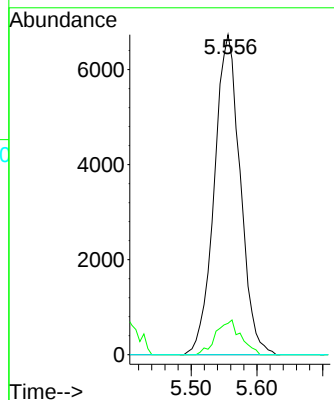
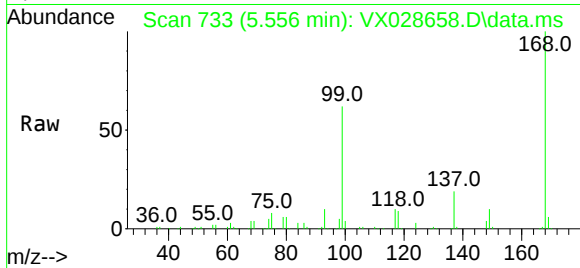




#36
 1,1-Dichloropropene
 Concen: 4.569 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.134 min
 Lab File: VX028658.D
 Acq: 12 May 2022 23:05

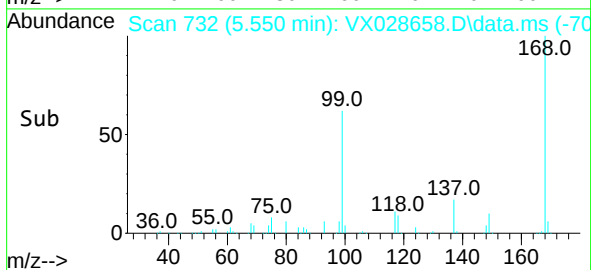
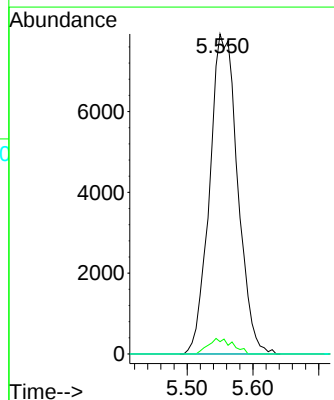
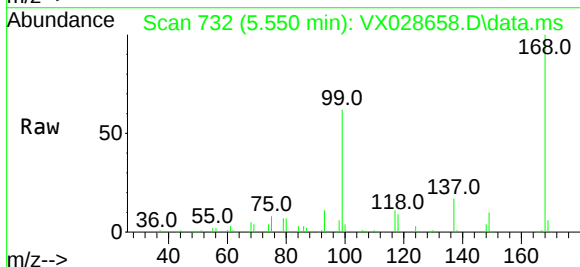
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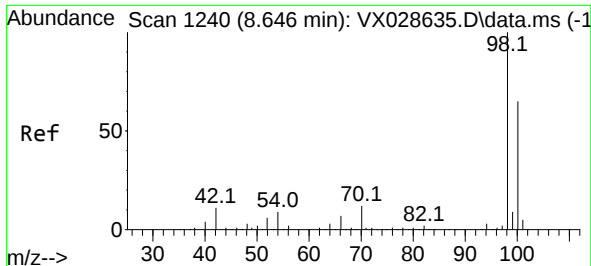
Tgt Ion: 75 Resp: 18484
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.764 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.127 min
 Lab File: VX028658.D
 Acq: 12 May 2022 23:05

Tgt Ion: 117 Resp: 23465
 Ion Ratio Lower Upper
 117 100
 119 3.9 77.3 115.9#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.315 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028658.D

Acq: 12 May 2022 23:05

Instrument :

MSVOA_X

ClientSampleId :

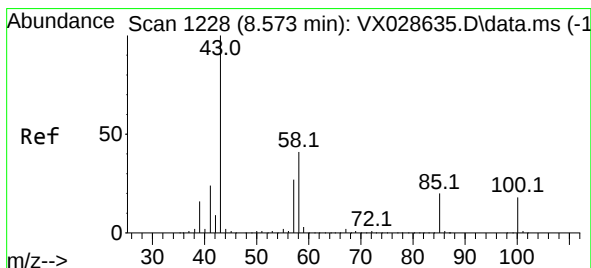
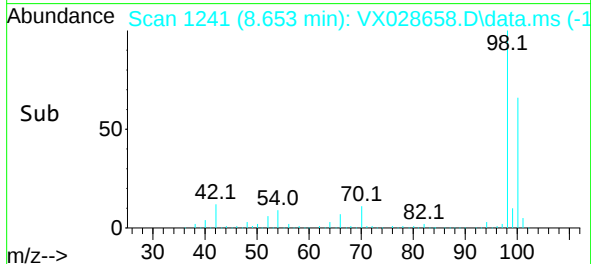
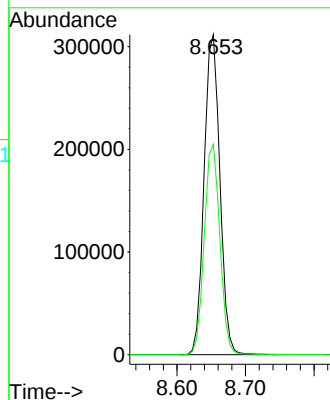
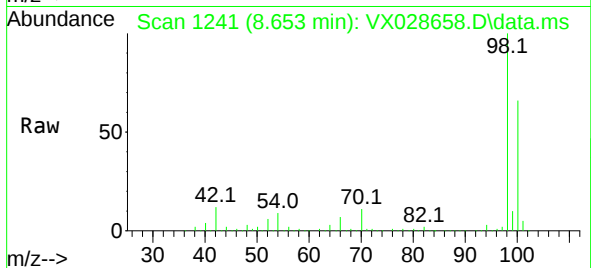
MW-2

Tgt Ion: 98 Resp: 500735

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.474 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX028658.D

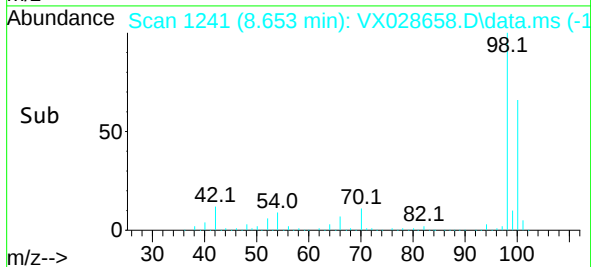
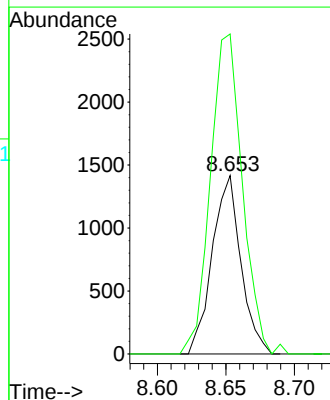
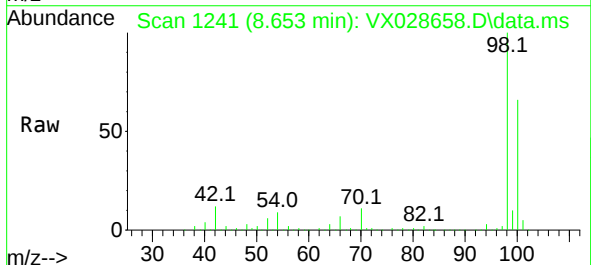
Acq: 12 May 2022 23:05

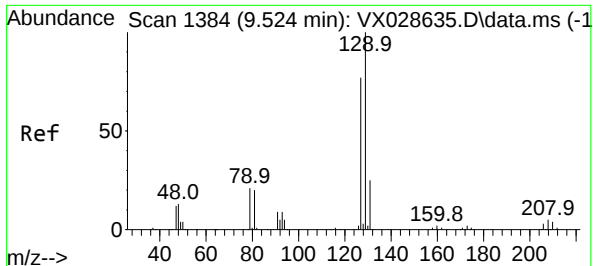
Tgt Ion: 43 Resp: 2062

Ion Ratio Lower Upper

43 100

58 200.0 36.1 54.1#





#60

Dibromochloromethane

Concen: 0.439 ug/l

RT: 9.281 min Scan# 1

Delta R.T. -0.243 min

Lab File: VX028658.D

Acq: 12 May 2022 23:05

Instrument :

MSVOA_X

ClientSampleId :

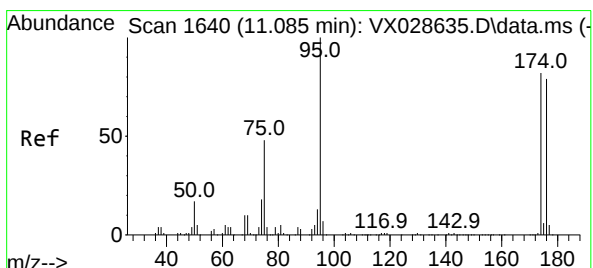
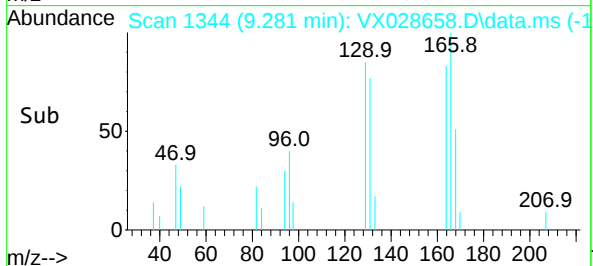
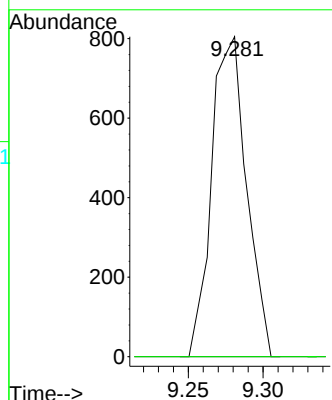
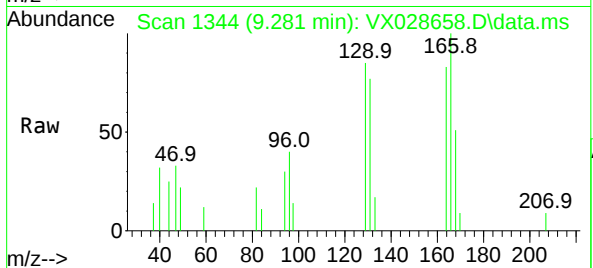
MW-2

Tgt Ion:129 Resp: 1306

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#



#62

4-Bromofluorobenzene

Concen: 48.669 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028658.D

Acq: 12 May 2022 23:05

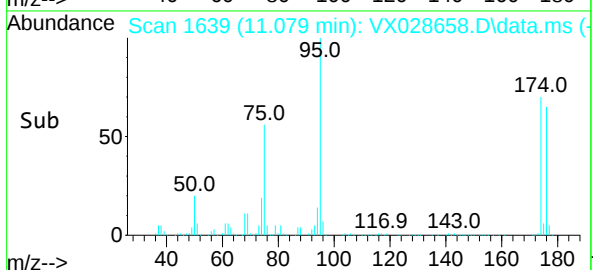
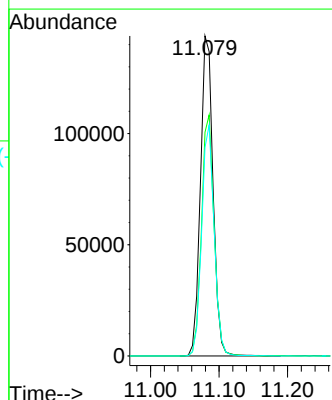
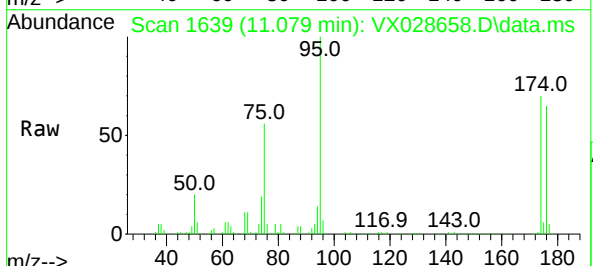
Tgt Ion: 95 Resp: 184578

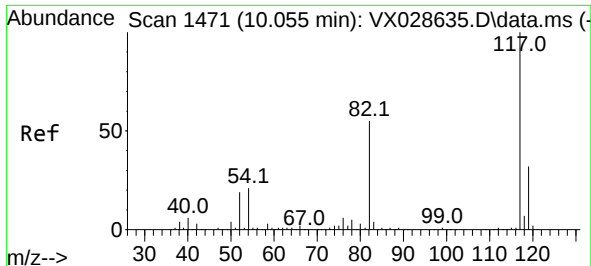
Ion Ratio Lower Upper

95 100

174 74.9 0.0 163.0

176 71.6 0.0 155.0

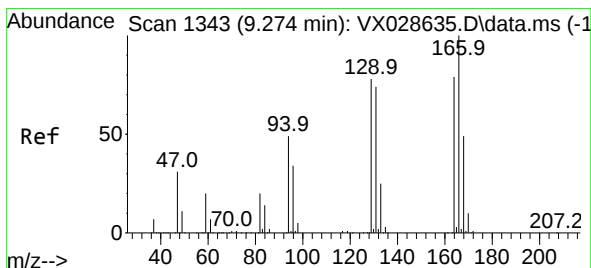
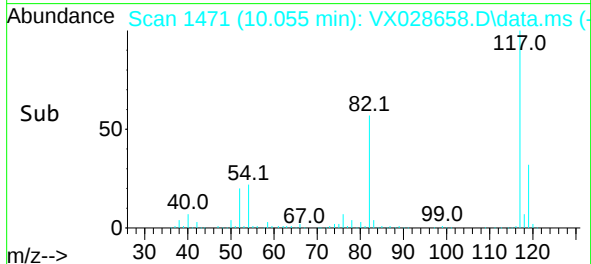
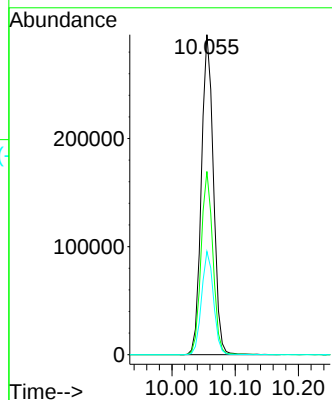
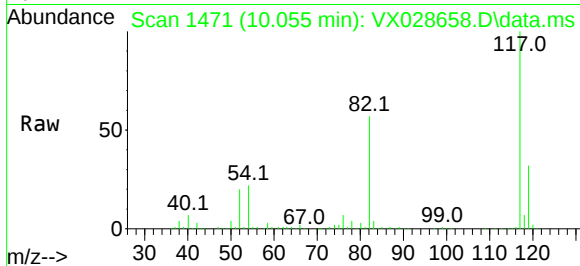




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

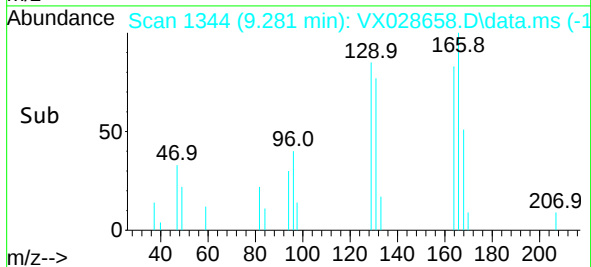
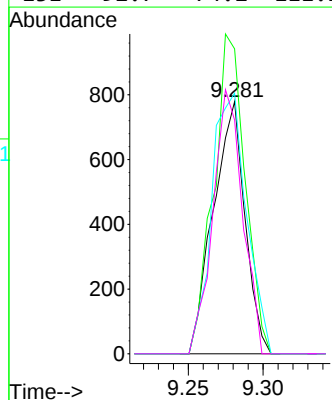
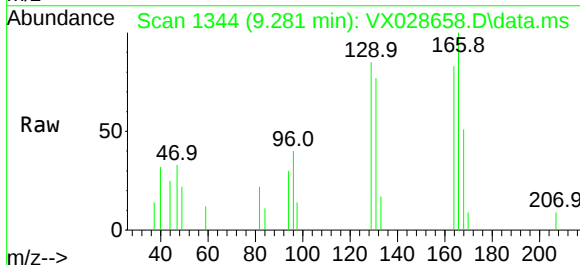
Instrument :
MSVOA_X
ClientSampleId :
MW-2

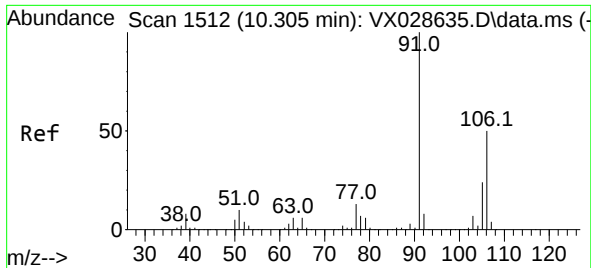
Tgt Ion:117 Resp: 392925
Ion Ratio Lower Upper
117 100
82 57.3 41.8 62.8
119 32.3 24.8 37.2



#64
Tetrachloroethene
Concen: 0.386 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.007 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

Tgt Ion:164 Resp: 1145
Ion Ratio Lower Upper
164 100
166 120.9 101.2 151.8
129 103.3 73.0 109.4
131 92.7 74.2 111.2

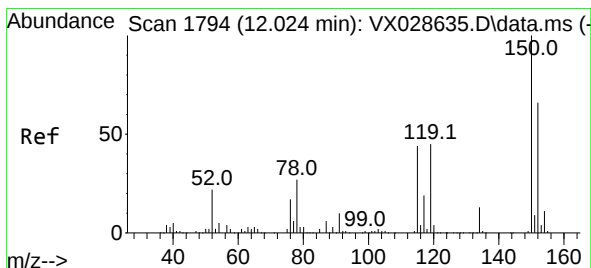
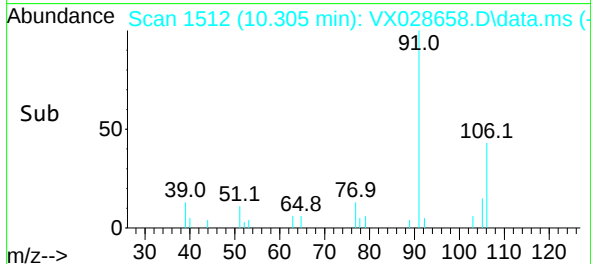
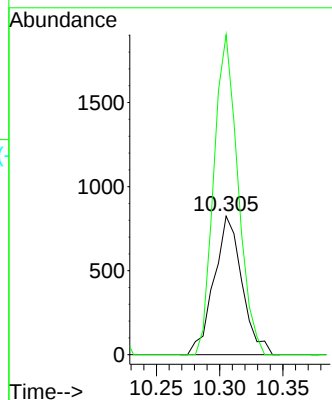
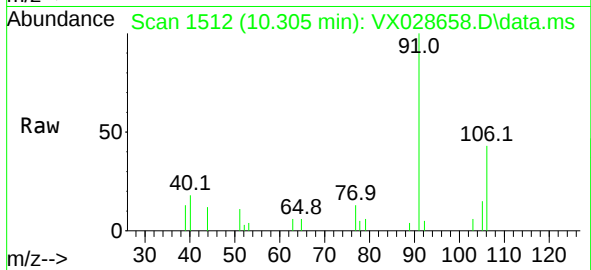




#68
m/p-Xylenes
Concen: 0.218 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

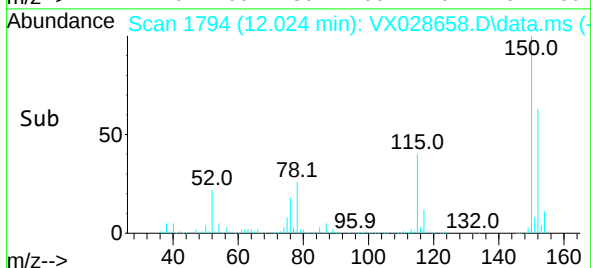
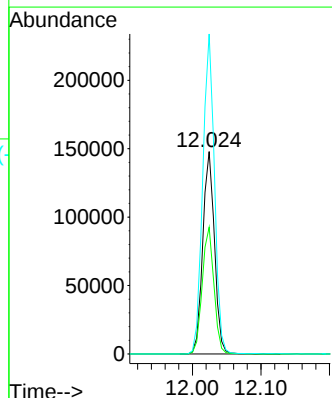
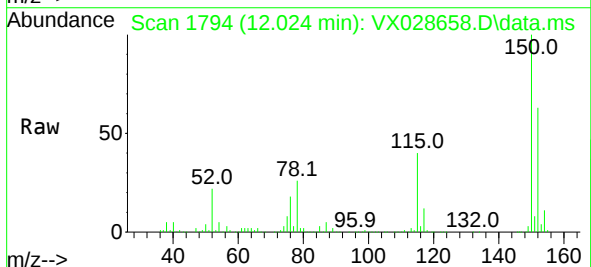
Instrument :
MSVOA_X
ClientSampleId :
MW-2

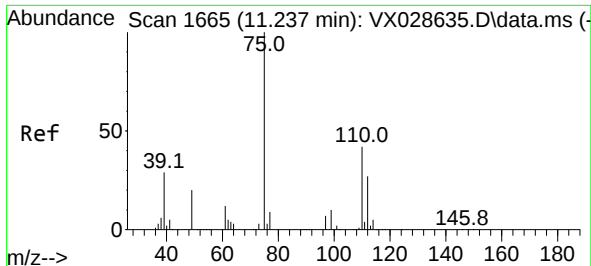
Tgt Ion:106 Resp: 1267
Ion Ratio Lower Upper
106 100
91 198.8 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

Tgt Ion:152 Resp: 176530
Ion Ratio Lower Upper
152 100
115 62.6 37.5 112.7
150 157.7 0.0 338.2

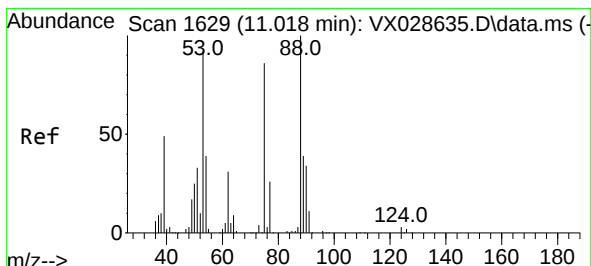
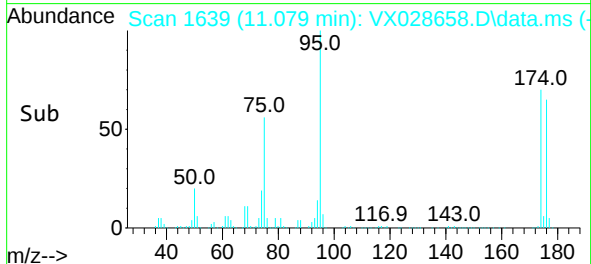
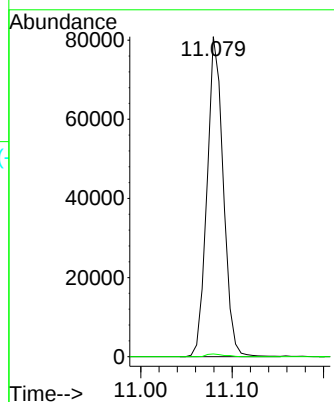
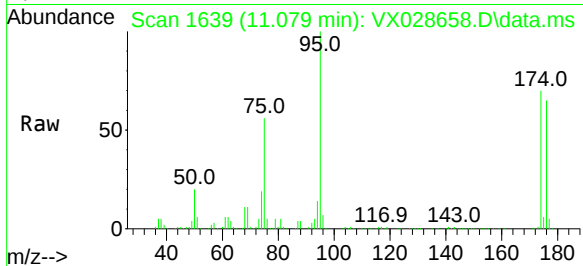




#76
1,2,3-Trichloropropane
Concen: 24.091 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 99598
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.178 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028658.D
Acq: 12 May 2022 23:05

Tgt Ion: 75 Resp: 99598
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

