

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028654.D
 Acq On : 12 May 2022 21:32
 Operator : JC/MD
 Sample : N2799-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9D

Quant Time: May 13 02:50:02 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)

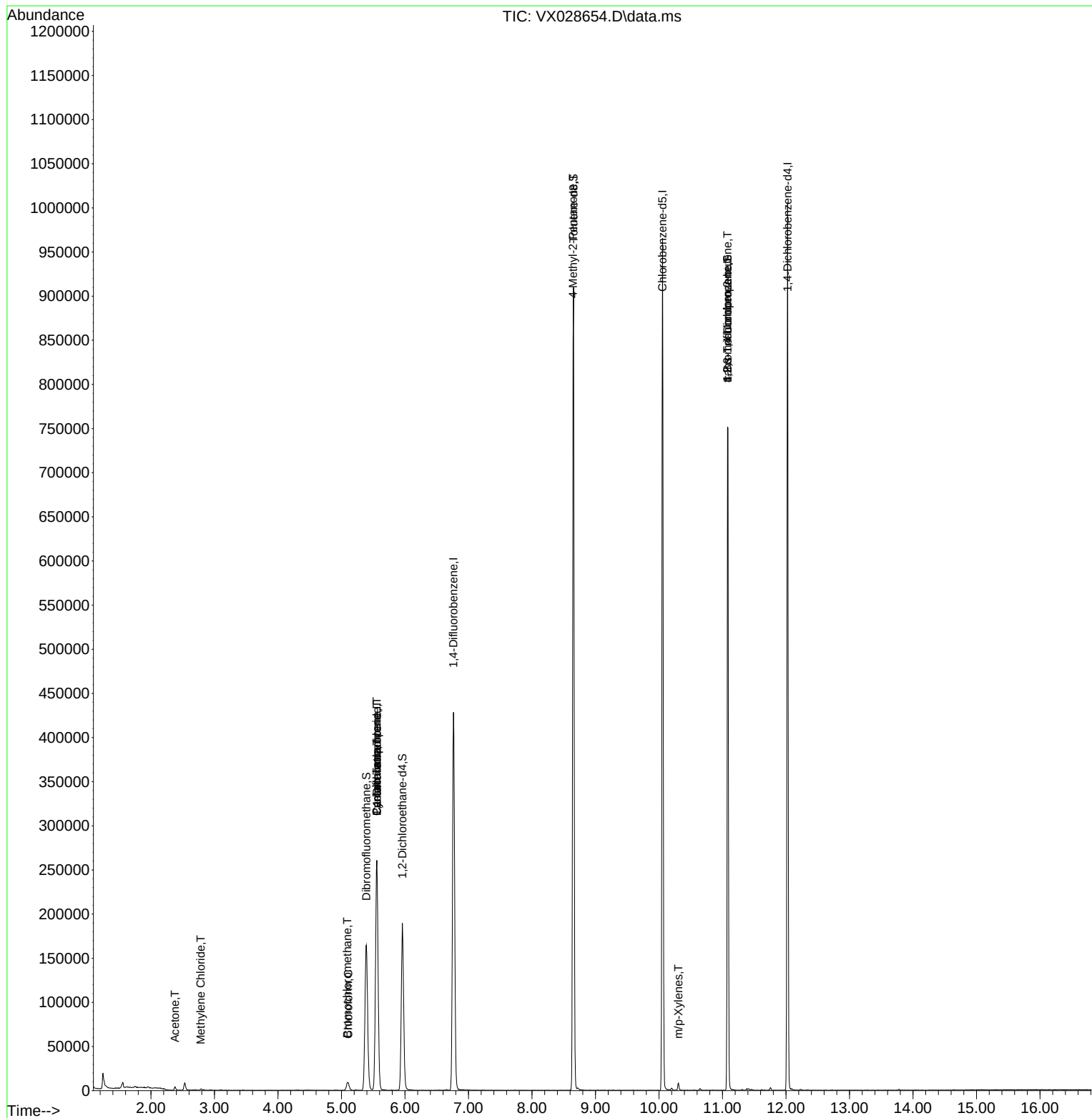
Internal Standards						
1) Pentafluorobenzene	5.556	168	231530	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	432476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172891	54.476	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.960%	
35) Dibromofluoromethane	5.391	113	143901	50.785	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.580%	
50) Toluene-d8	8.653	98	531875	49.788	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	11.079	95	197981	49.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	597	Below Cal		87
6) Chloroethane	1.715	64	155	Below Cal	#	59
11) Tert butyl alcohol	2.947	59	131	Below Cal	#	72
16) Acetone	2.380	43	3746	2.750	ug/l	95
20) Methylene Chloride	2.782	84	636	0.223	ug/l	# 89
28) Bromochloromethane	5.093	49	839	0.417	ug/l	# 7
30) Chloroform	5.105	83	10587	2.049	ug/l	94
31) Cyclohexane	5.556	56	5557	1.261	ug/l	# 15
36) 1,1-Dichloropropene	5.556	75	19464	4.573	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	25361	5.921	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	2431	0.531	ug/l	# 1
68) m/p-Xylenes	10.305	106	1869	0.302	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	106694	23.784	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	106694	69.330	ug/l	# 15

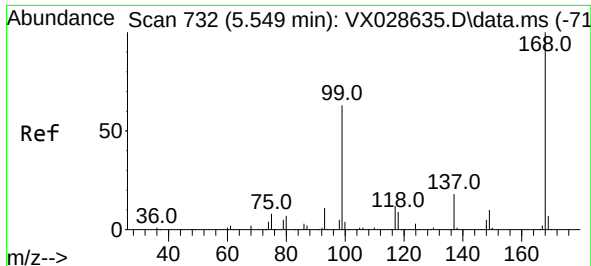
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 13 02:50:02 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

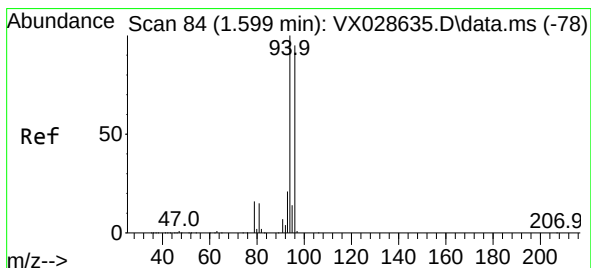
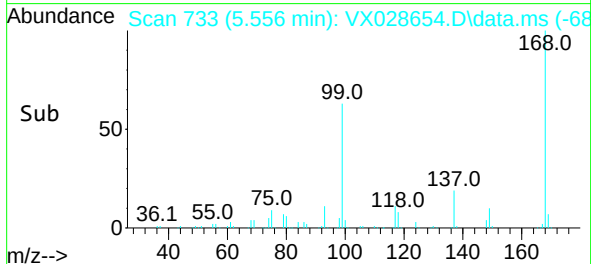
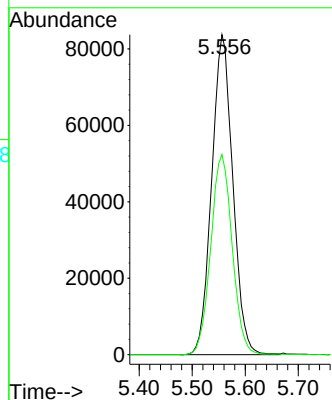
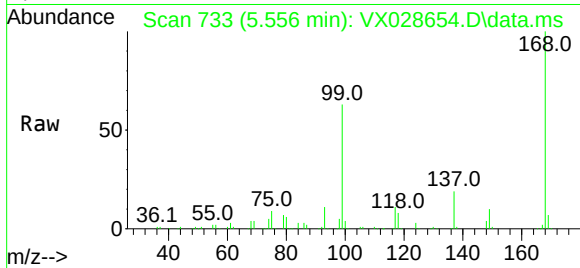




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

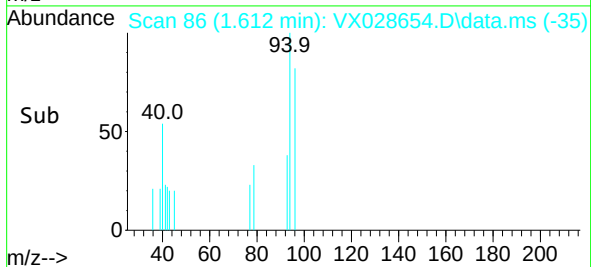
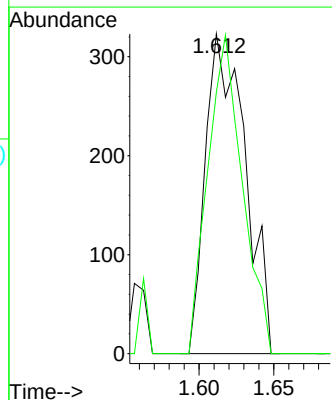
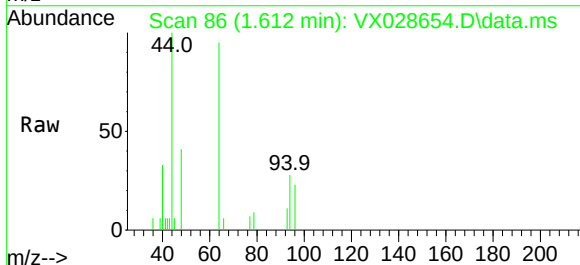
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

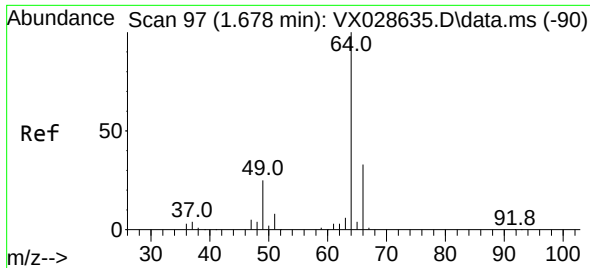
Tgt Ion:168 Resp: 231530
Ion Ratio Lower Upper
168 100
99 62.5 41.7 62.5#



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Tgt Ion: 94 Resp: 597
Ion Ratio Lower Upper
94 100
96 81.7 75.3 112.9

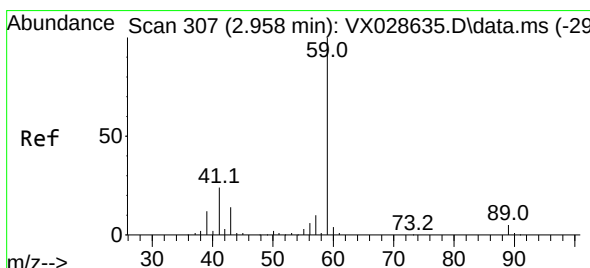
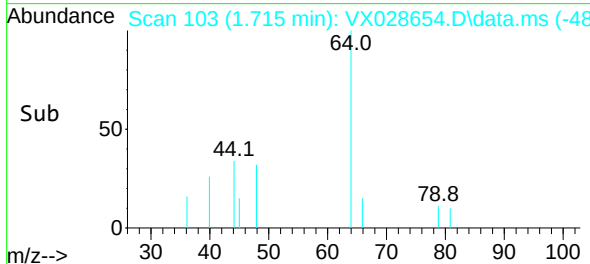
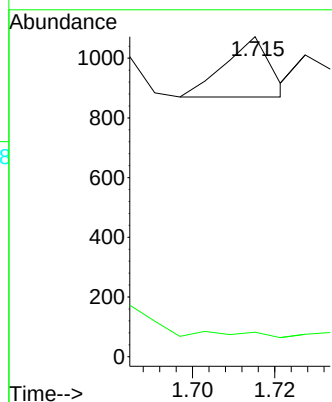
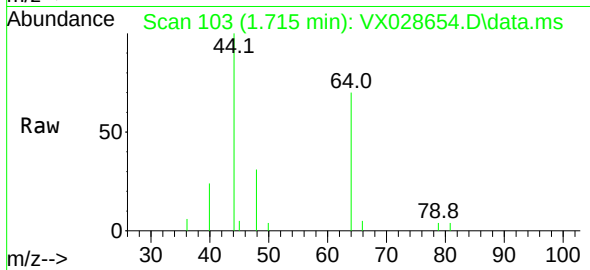




#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.037 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

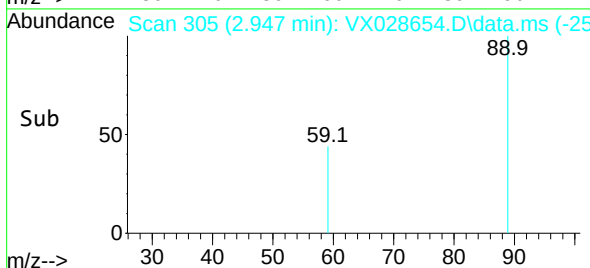
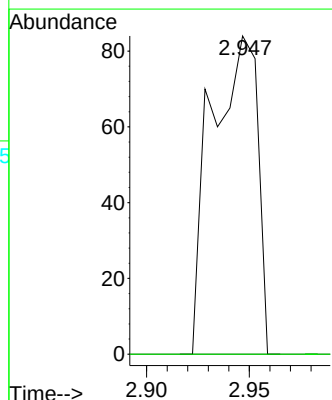
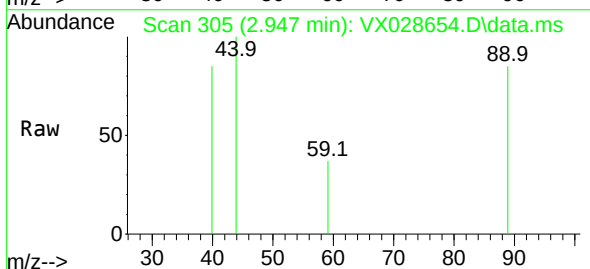
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

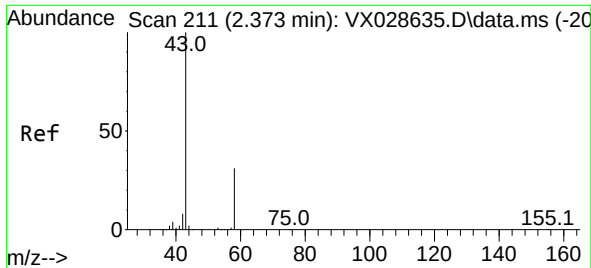
Tgt Ion: 64 Resp: 155
Ion Ratio Lower Upper
64 100
66 8.9 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Tgt Ion: 59 Resp: 131
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

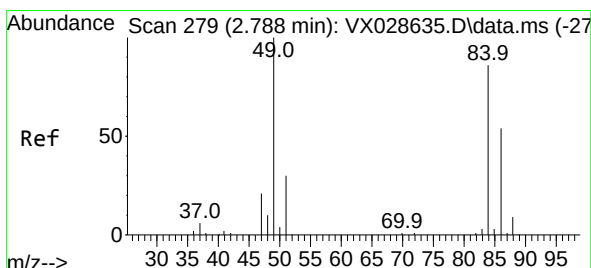
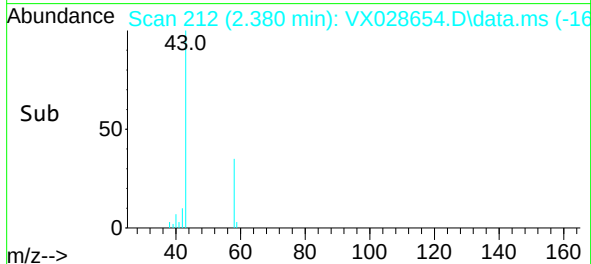
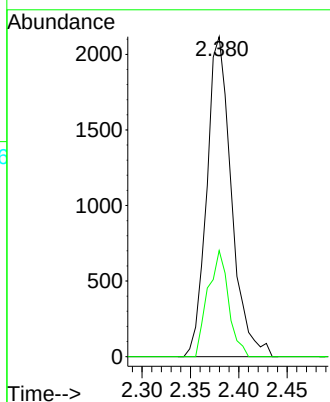
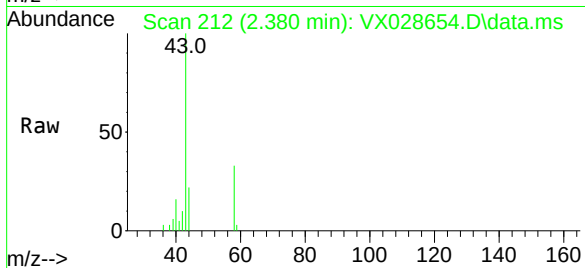




#16
Acetone
Concen: 2.750 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

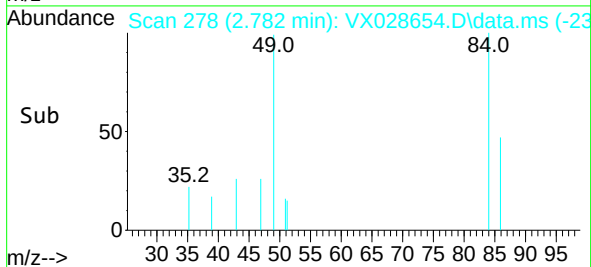
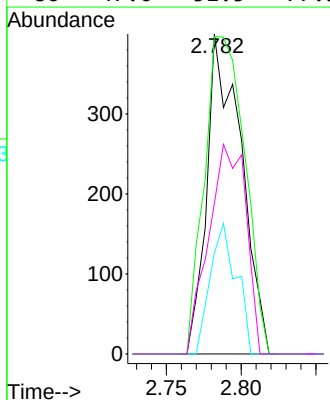
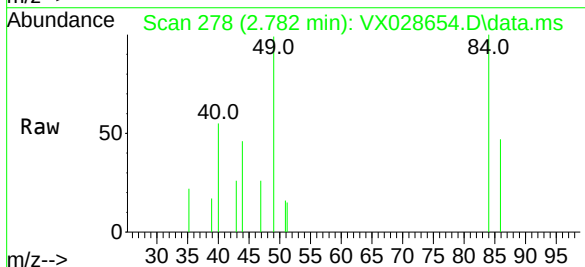
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

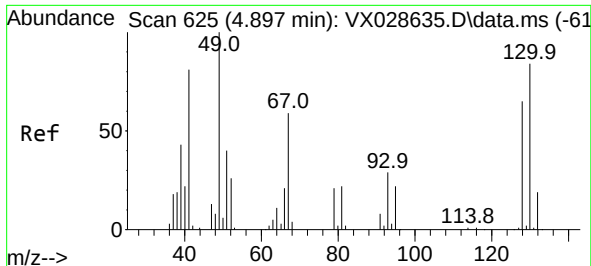
Tgt Ion: 43 Resp: 3746
Ion Ratio Lower Upper
43 100
58 33.1 28.8 43.2



#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Tgt Ion: 84 Resp: 636
Ion Ratio Lower Upper
84 100
49 99.3 85.5 128.3
51 31.5 26.6 39.8
86 47.0 51.5 77.3#

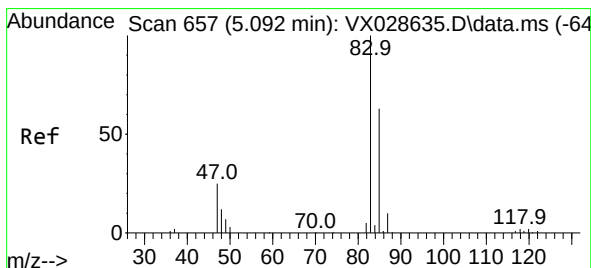
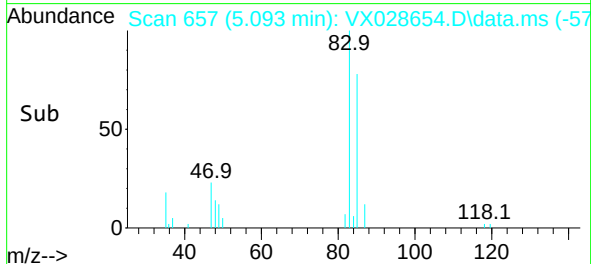
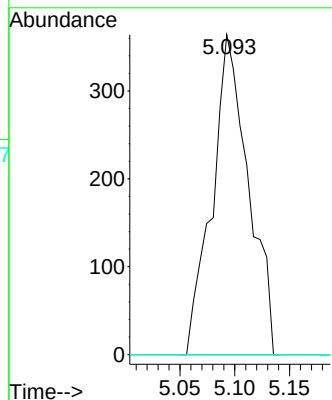
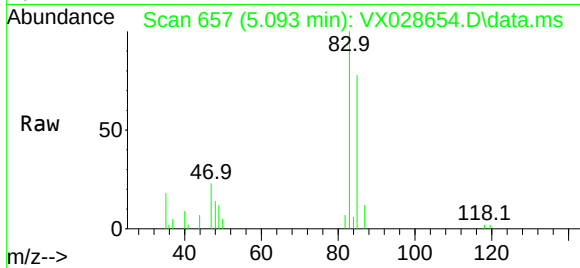




#28
Bromochloromethane
Concen: 0.417 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.196 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

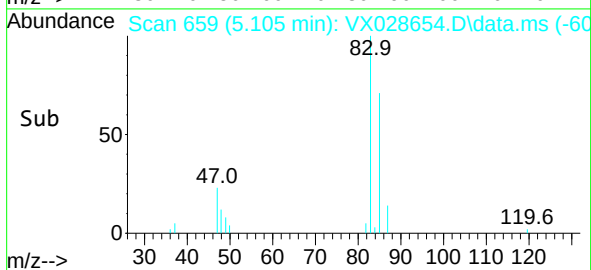
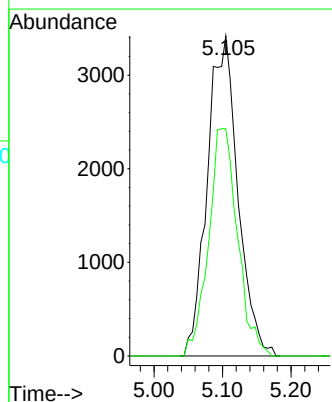
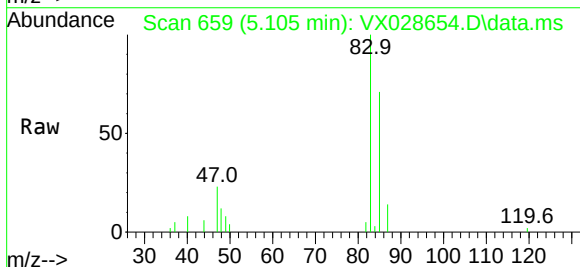
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

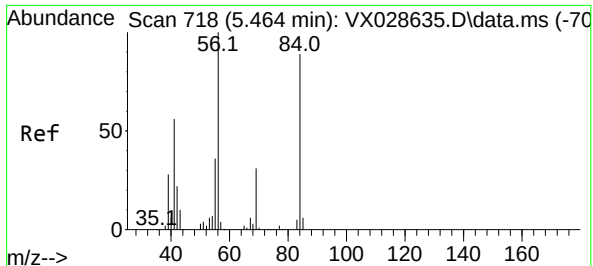
Tgt Ion: 49 Resp: 839
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 70.7 106.1#



#30
Chloroform
Concen: 2.049 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.013 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

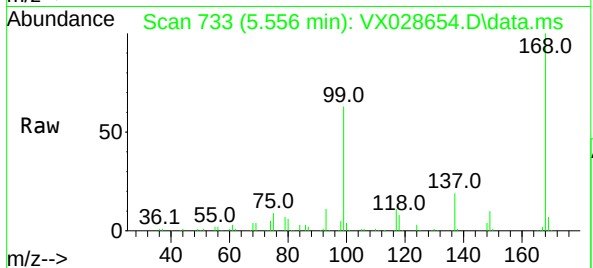
Tgt Ion: 83 Resp: 10587
Ion Ratio Lower Upper
83 100
85 71.0 52.7 79.1



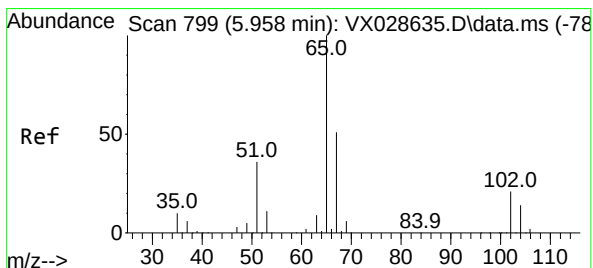
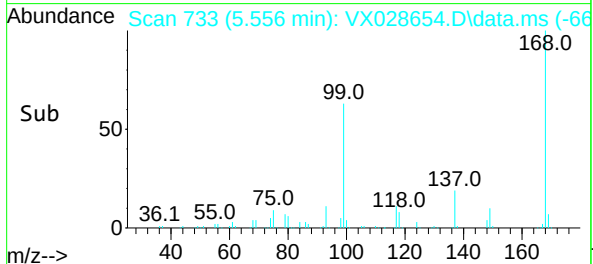
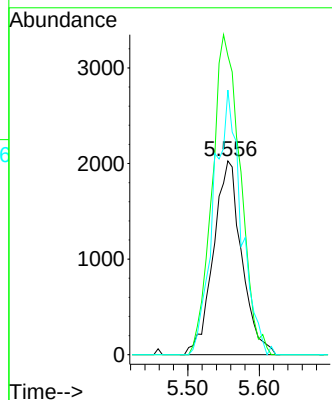


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Instrument :
MSVOA_X
ClientSampleId :
MW-9D

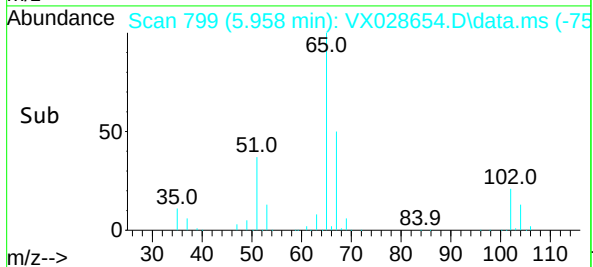
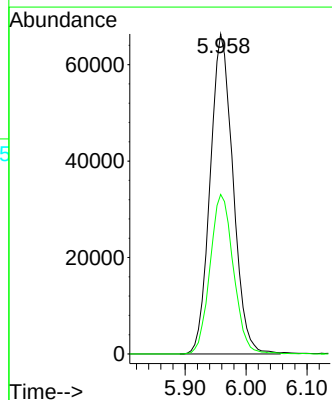
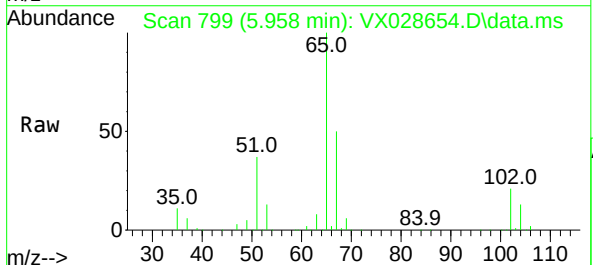


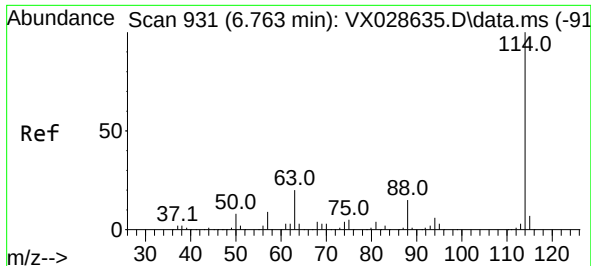
Tgt Ion: 56 Resp: 5557
Ion Ratio Lower Upper
56 100
69 154.2 26.7 40.1#
84 136.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 54.476 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Tgt Ion: 65 Resp: 172891
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

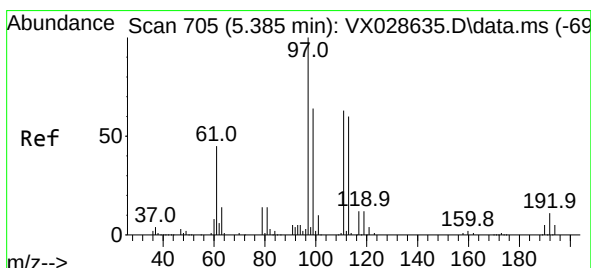
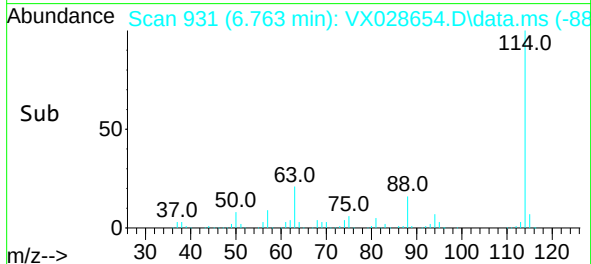
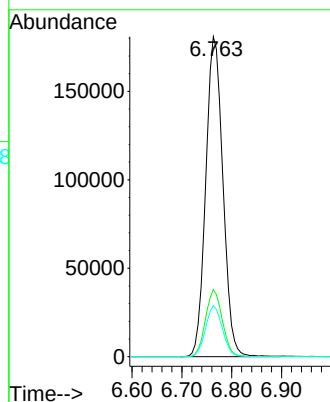
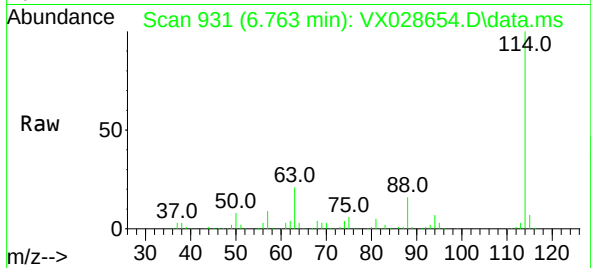




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

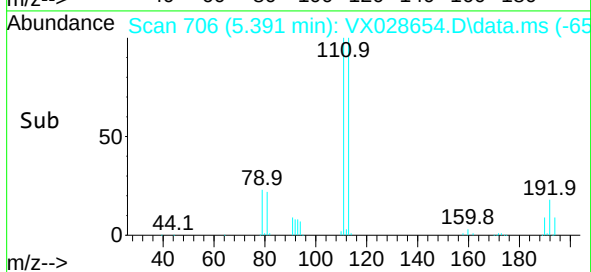
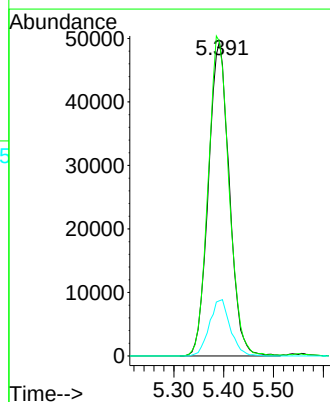
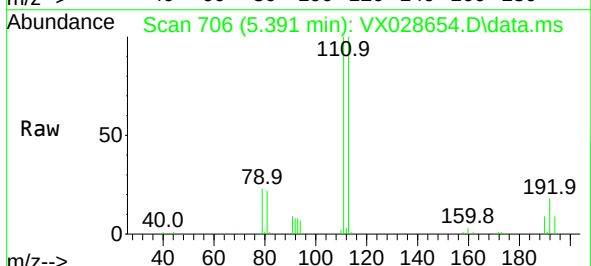
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

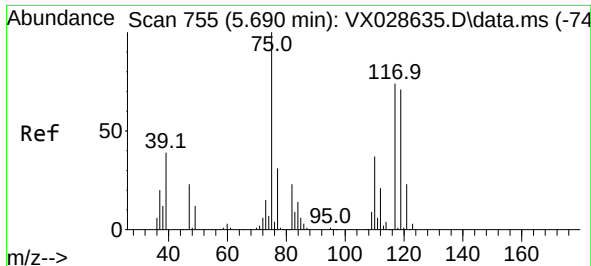
Tgt Ion:114 Resp: 432476
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.785 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Tgt Ion:113 Resp: 143901
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 17.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.573 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028654.D

Acq: 12 May 2022 21:32

Instrument :

MSVOA_X

ClientSampleId :

MW-9D

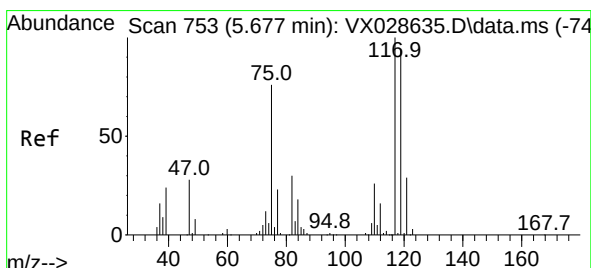
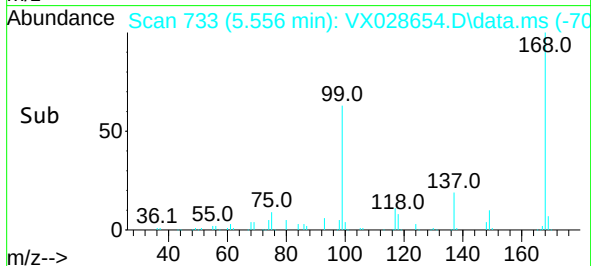
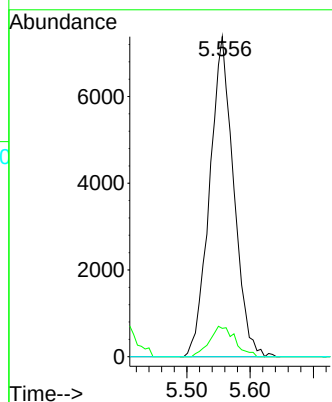
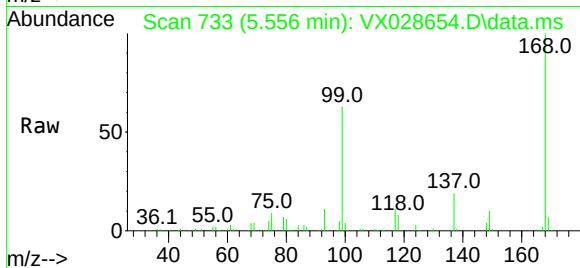
Tgt Ion: 75 Resp: 19464

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.921 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028654.D

Acq: 12 May 2022 21:32

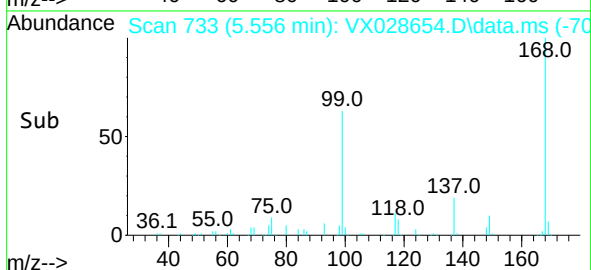
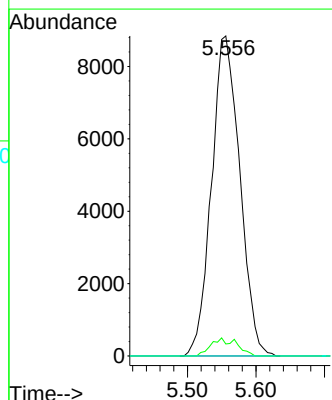
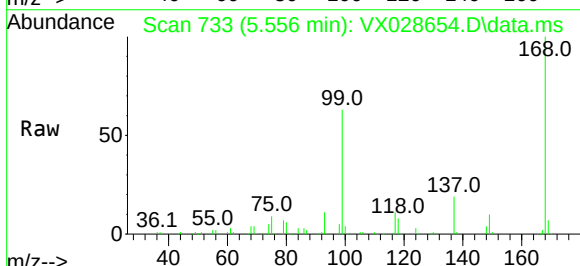
Tgt Ion: 117 Resp: 25361

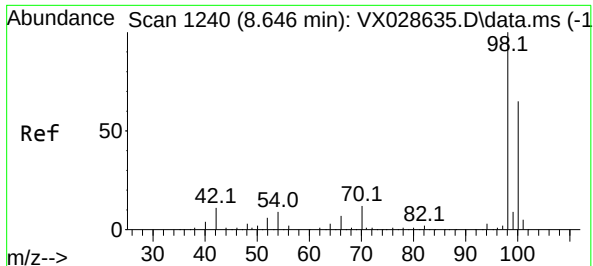
Ion Ratio Lower Upper

117 100

119 3.7 77.3 115.9#

121 0.0 24.2 36.2#

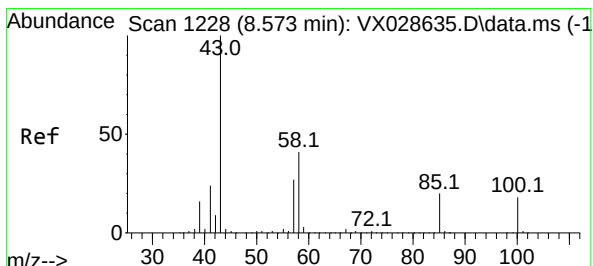
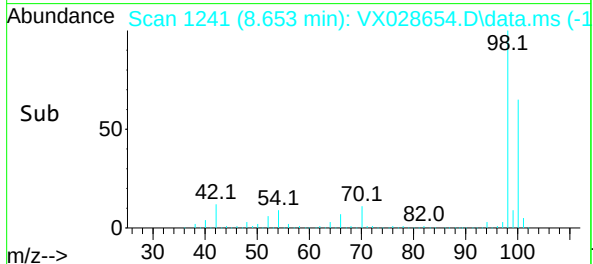
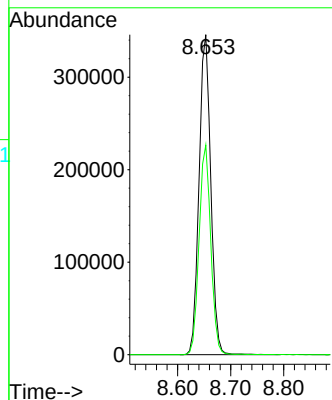
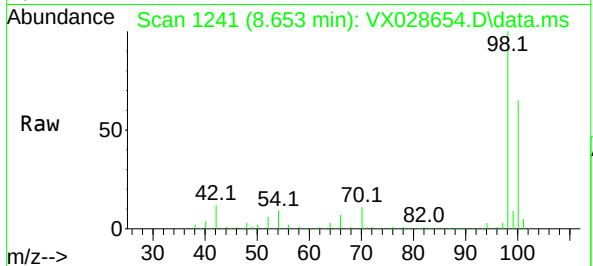




#50
Toluene-d8
Concen: 49.788 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

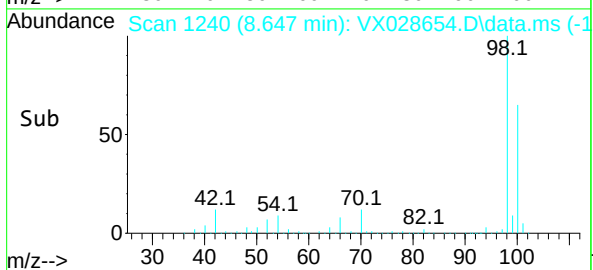
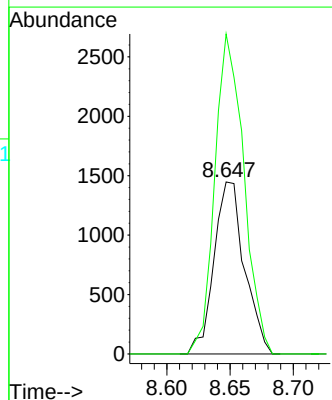
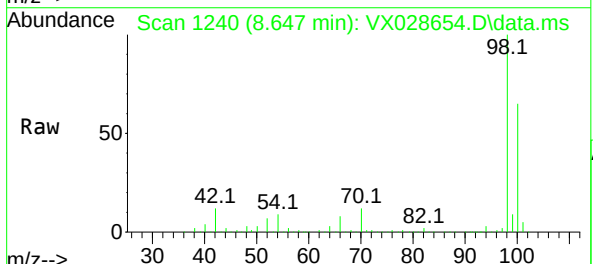
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

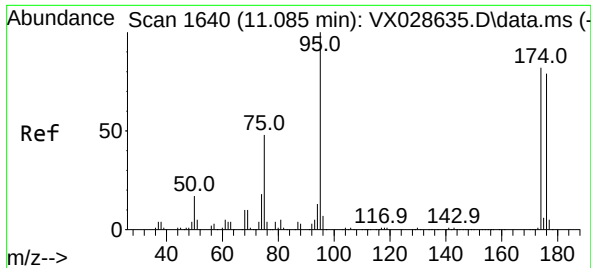
Tgt Ion: 98 Resp: 531875
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Tgt Ion: 43 Resp: 2431
Ion Ratio Lower Upper
43 100
58 176.4 36.1 54.1#

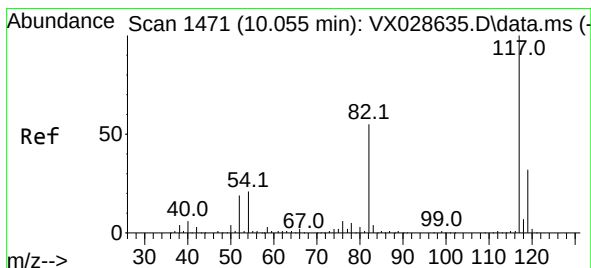
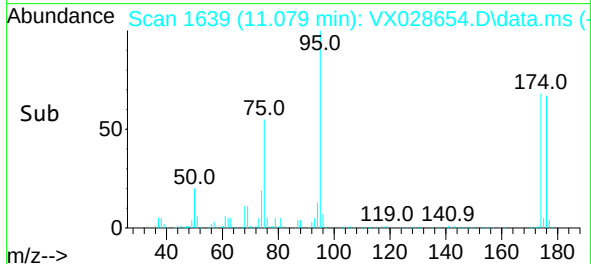
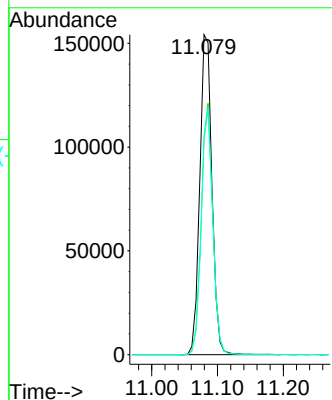
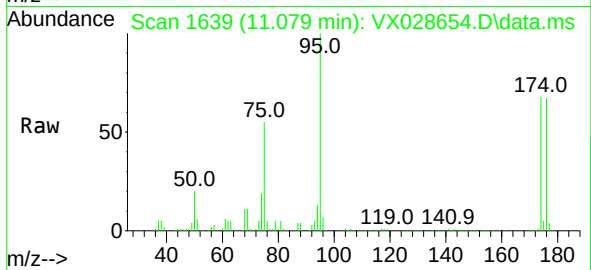




#62
4-Bromofluorobenzene
Concen: 49.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

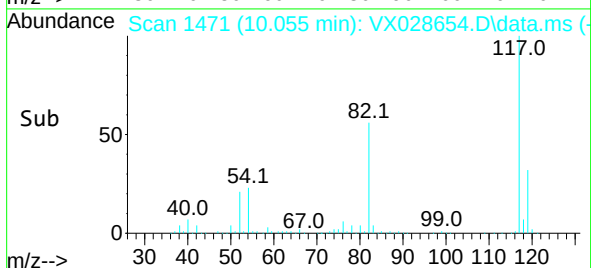
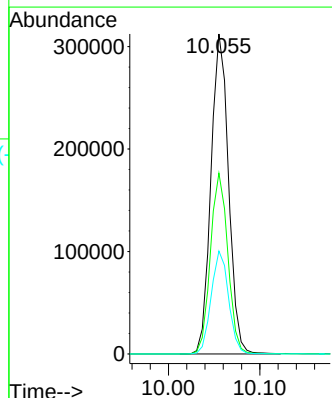
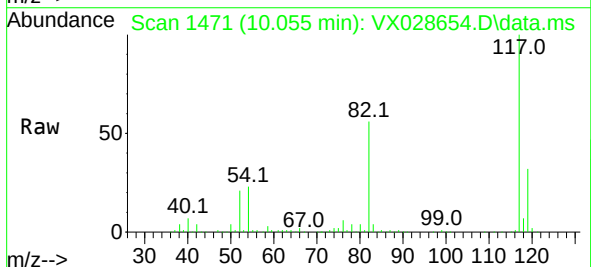
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

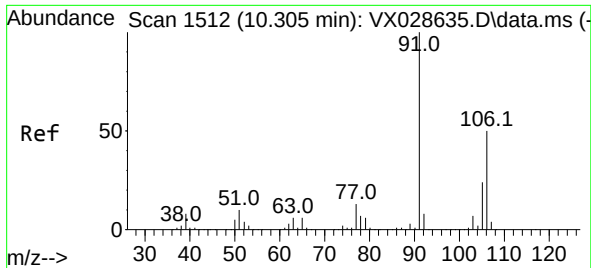
Tgt Ion: 95 Resp: 197981
Ion Ratio Lower Upper
95 100
174 74.7 0.0 163.0
176 73.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Tgt Ion: 117 Resp: 418141
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.1 24.8 37.2

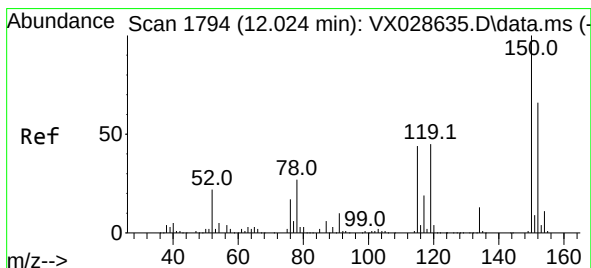
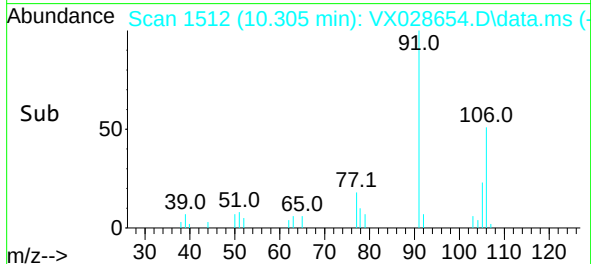
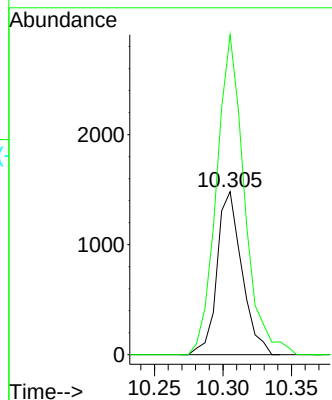
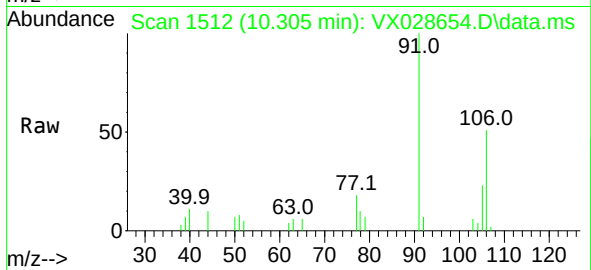




#68
m/p-Xylenes
Concen: 0.302 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

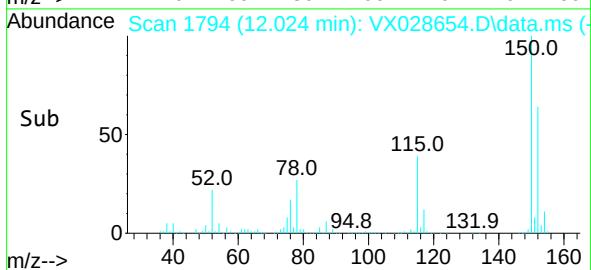
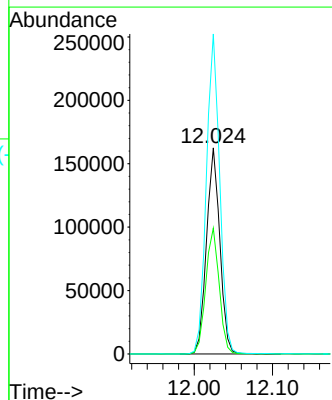
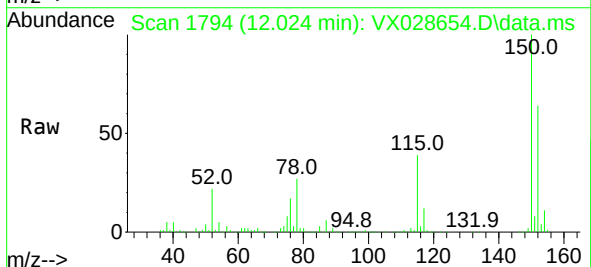
Instrument :
MSVOA_X
ClientSampleId :
MW-9D

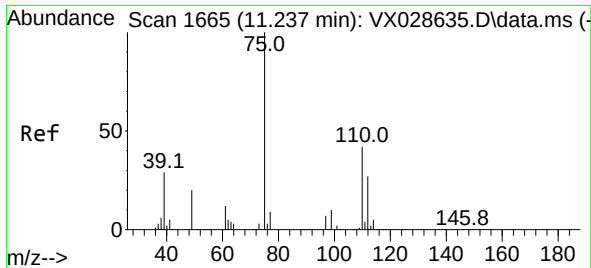
Tgt Ion:106 Resp: 1869
Ion Ratio Lower Upper
106 100
91 219.8 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Tgt Ion:152 Resp: 191555
Ion Ratio Lower Upper
152 100
115 61.5 37.5 112.7
150 155.1 0.0 338.2

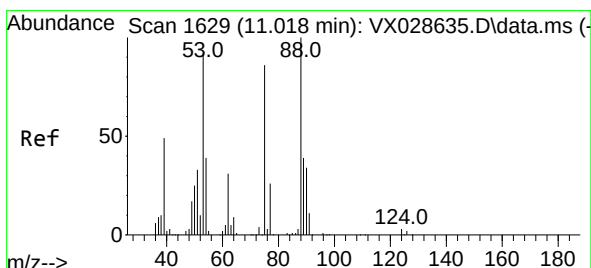
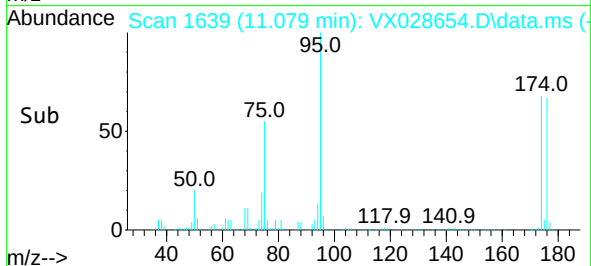
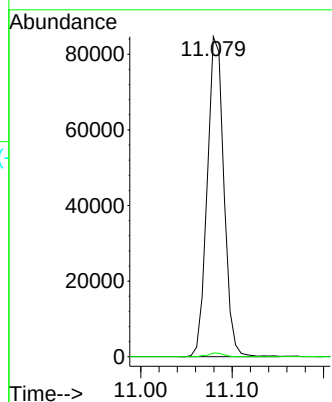
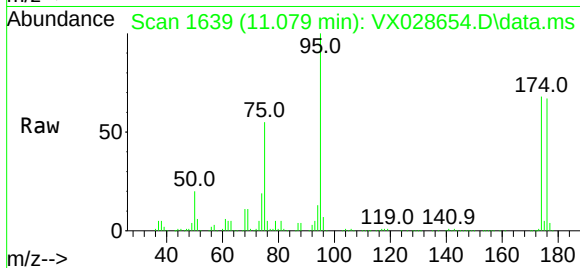




#76
1,2,3-Trichloropropane
Concen: 23.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Instrument :
MSVOA_X
ClientSampleId :
MW-9D

Tgt Ion: 75 Resp: 106694
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028654.D
Acq: 12 May 2022 21:32

Tgt Ion: 75 Resp: 106694
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

