

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028653.D
 Acq On : 12 May 2022 21:09
 Operator : JC/MD
 Sample : N2799-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8DR

Quant Time: May 13 02:49:52 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)

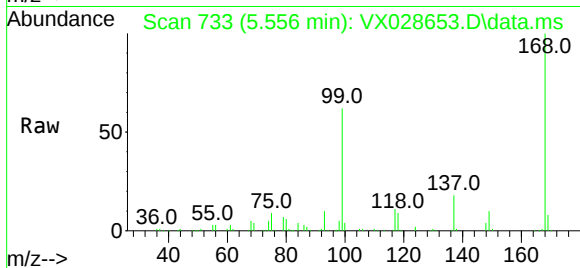
Internal Standards						
1) Pentafluorobenzene	5.556	168	239164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	445547	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172347	52.571	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.140%			
35) Dibromofluoromethane	5.391	113	145922	49.988	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.980%			
50) Toluene-d8	8.653	98	533577	48.482	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.960%			
62) 4-Bromofluorobenzene	11.079	95	199832	48.612	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.220%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	714	Below Cal	#	67
6) Chloroethane	1.715	64	186	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	390	Below Cal	#	72
16) Acetone	2.380	43	3372	2.397	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	3707	0.422	ug/l	# 85
20) Methylene Chloride	2.788	84	766	0.259	ug/l	# 97
28) Bromochloromethane	5.105	49	1320	0.636	ug/l	# 7
30) Chloroform	5.099	83	16195	3.034	ug/l	# 94
31) Cyclohexane	5.556	56	5879	1.292	ug/l	# 9
36) 1,1-Dichloropropene	5.556	75	21292	4.856	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	26185	5.934	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	2569	0.544	ug/l	# 1
68) m/p-Xylenes	10.305	106	2989	0.478	ug/l	# 92
76) 1,2,3-Trichloropropane	11.079	75	107030	24.188	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	107030	70.443	ug/l	# 15

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

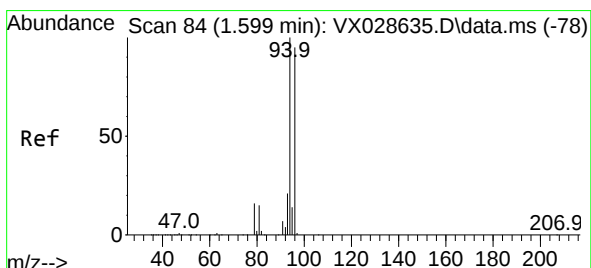
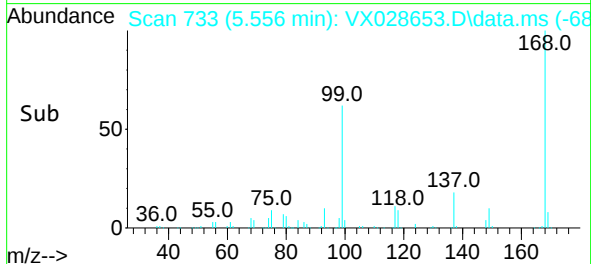
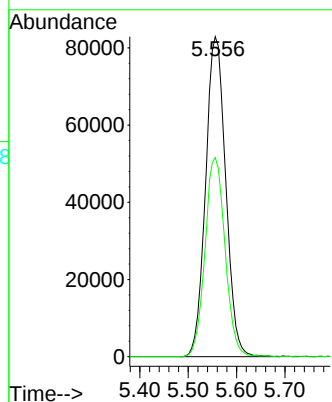


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

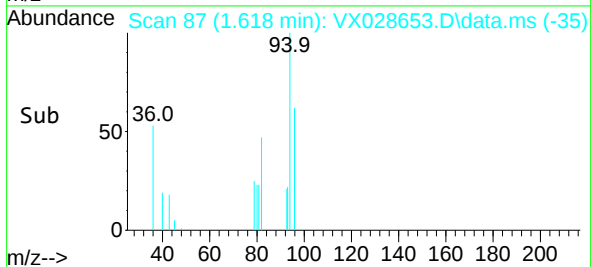
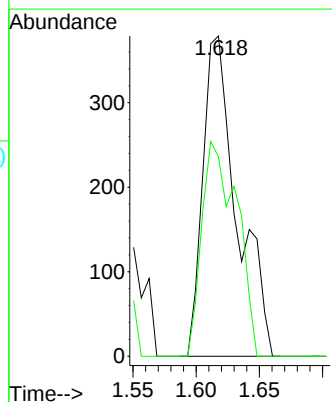
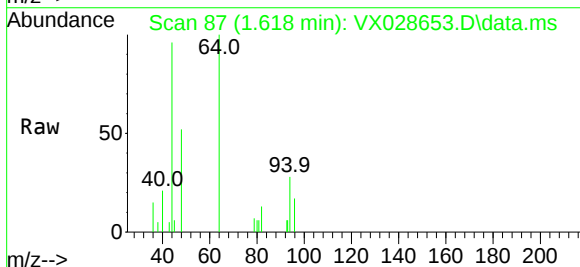


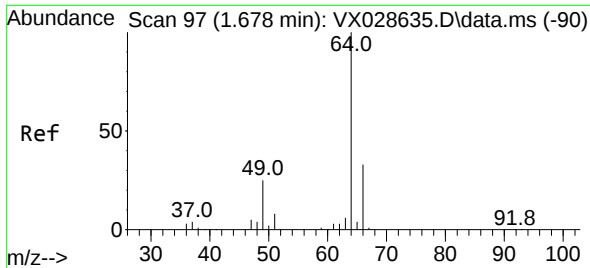
Tgt Ion:168 Resp: 239164
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

Tgt Ion: 94 Resp: 714
Ion Ratio Lower Upper
94 100
96 62.3 75.3 112.9#

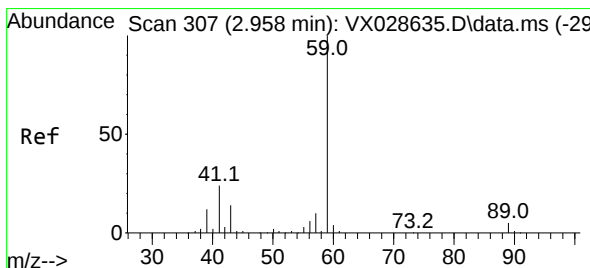
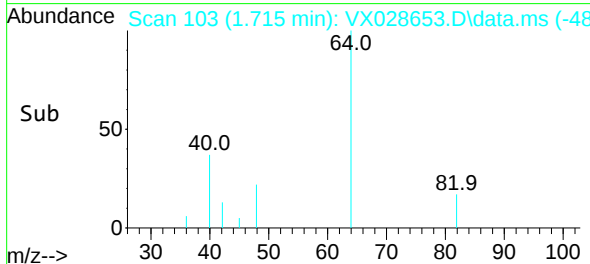
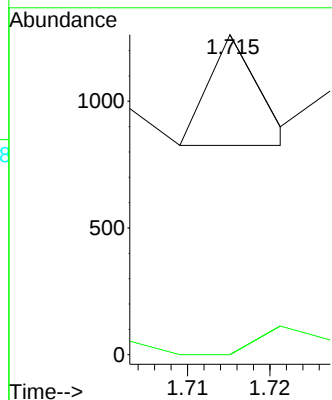
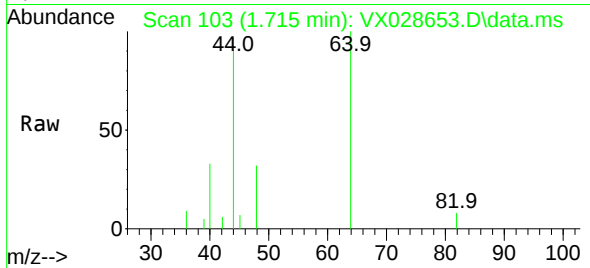




#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.037 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

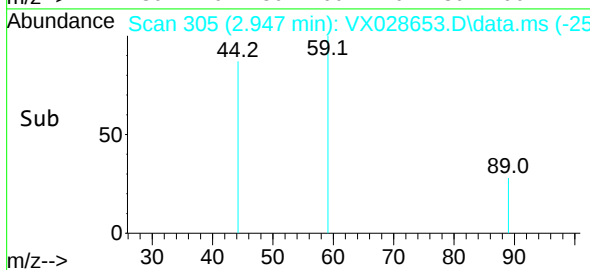
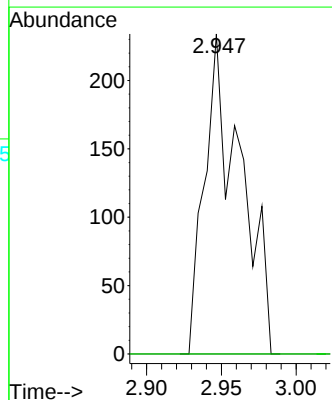
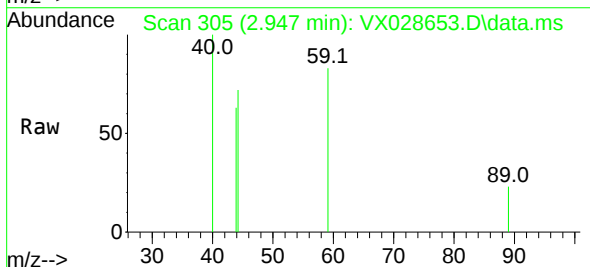
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

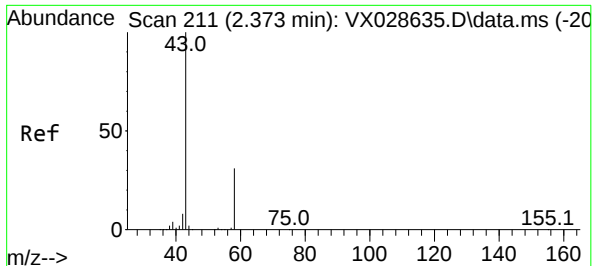
Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

Tgt Ion: 59 Resp: 390
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

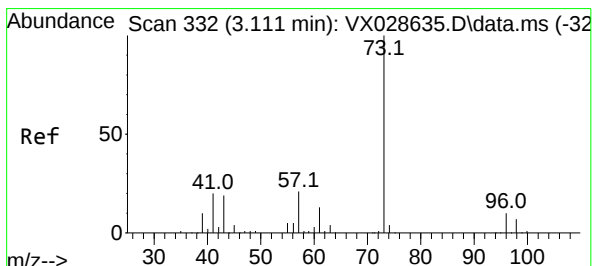
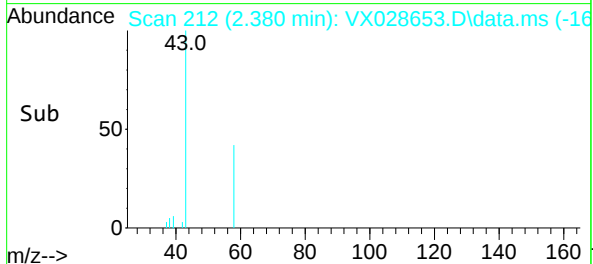
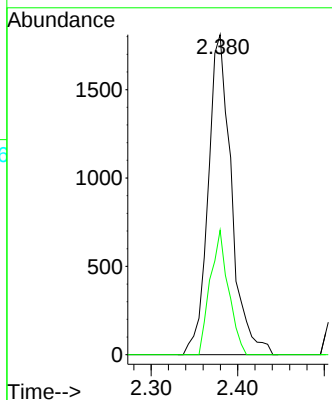
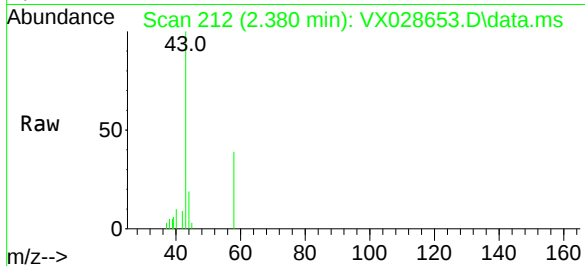




#16
Acetone
Concen: 2.397 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

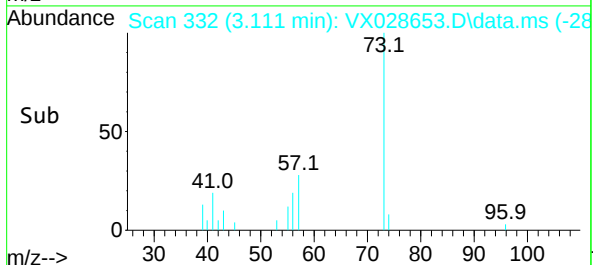
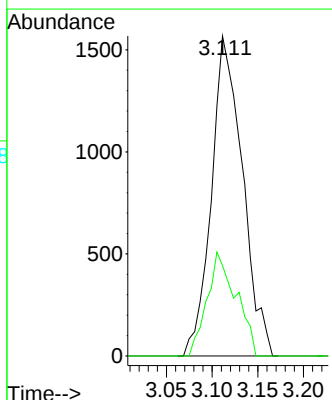
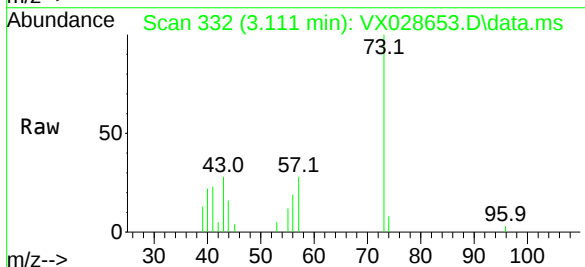
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

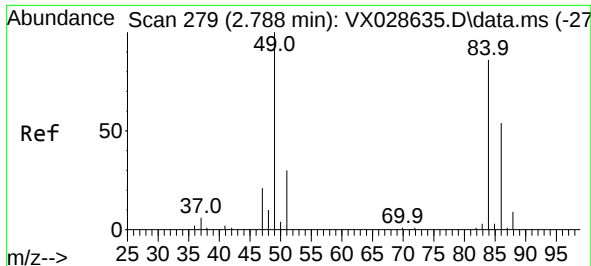
Tgt Ion: 43 Resp: 3372
Ion Ratio Lower Upper
43 100
58 38.9 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 0.422 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

Tgt Ion: 73 Resp: 3707
Ion Ratio Lower Upper
73 100
57 28.3 16.8 25.2#

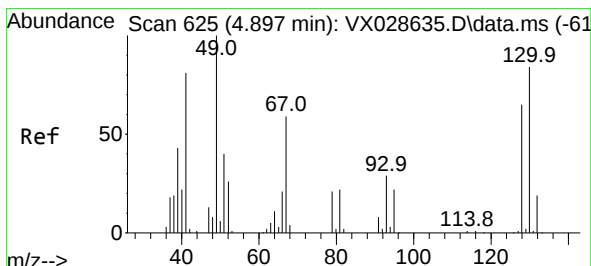
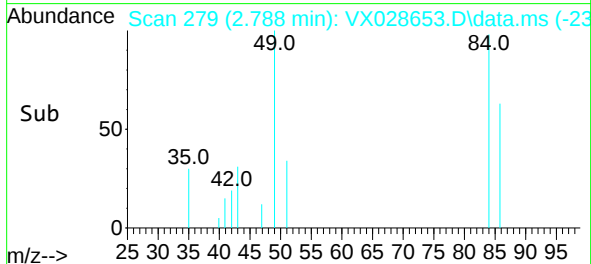
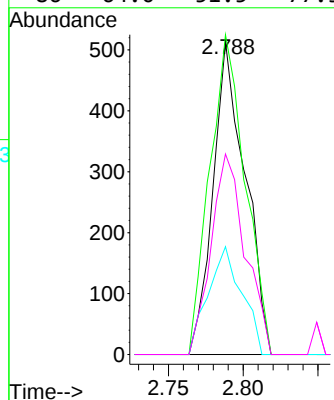
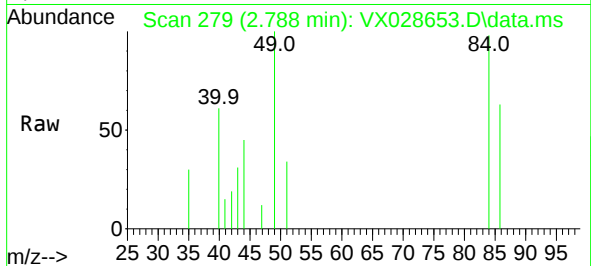




#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

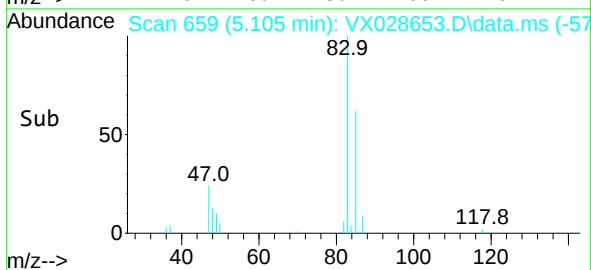
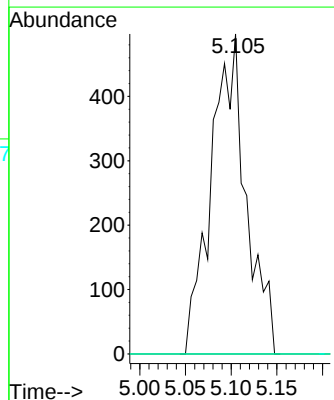
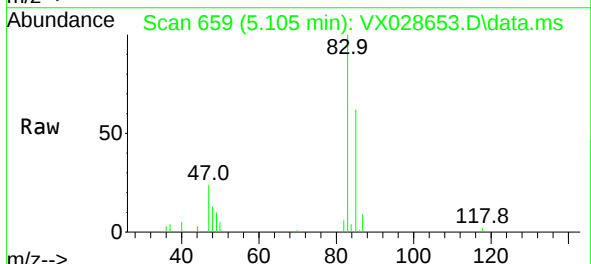
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

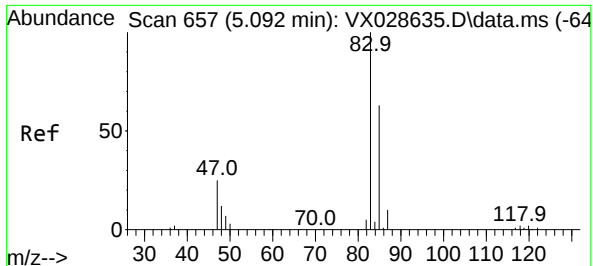
Tgt Ion: 84	Resp: 766
Ion Ratio	Lower Upper
84 100	
49 102.1	85.5 128.3
51 34.4	26.6 39.8
86 64.0	51.5 77.3



#28
Bromochloromethane
Concen: 0.636 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.208 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

Tgt Ion: 49	Resp: 1320		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	4.4	
130 0.0	70.7	106.1#	





#30

Chloroform

Concen: 3.034 ug/l

RT: 5.099 min Scan# 6

Delta R.T. 0.007 min

Lab File: VX028653.D

Acq: 12 May 2022 21:09

Instrument :

MSVOA_X

ClientSampleId :

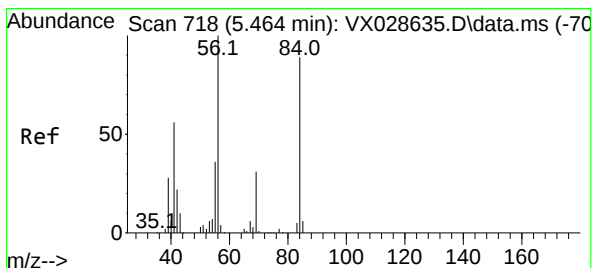
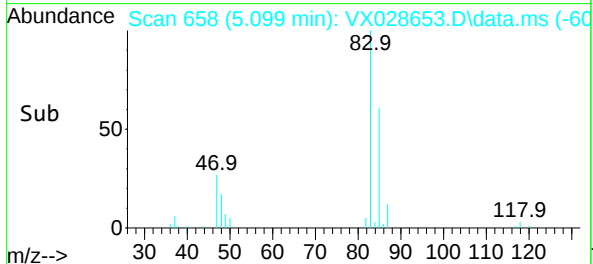
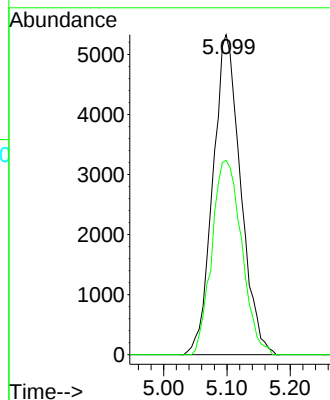
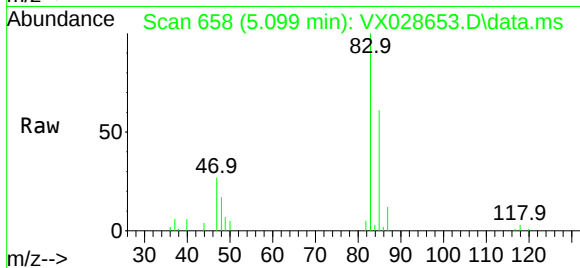
MW-8DR

Tgt Ion: 83 Resp: 16195

Ion Ratio Lower Upper

83 100

85 60.8 52.7 79.1



#31

Cyclohexane

Concen: 1.292 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028653.D

Acq: 12 May 2022 21:09

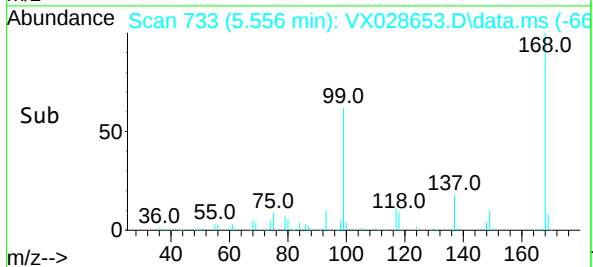
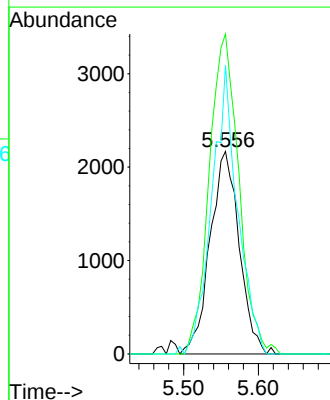
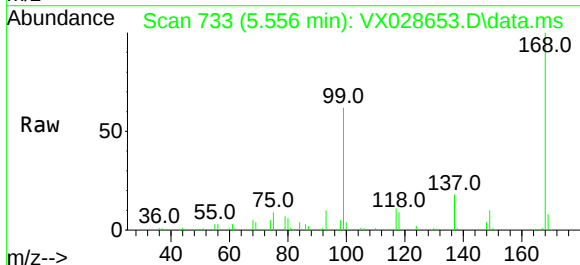
Tgt Ion: 56 Resp: 5879

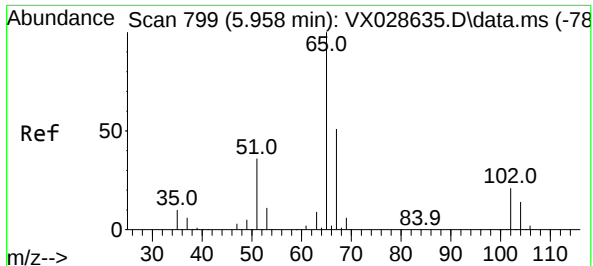
Ion Ratio Lower Upper

56 100

69 158.0 26.7 40.1#

84 142.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.571 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028653.D

Acq: 12 May 2022 21:09

Instrument :

MSVOA_X

ClientSampleId :

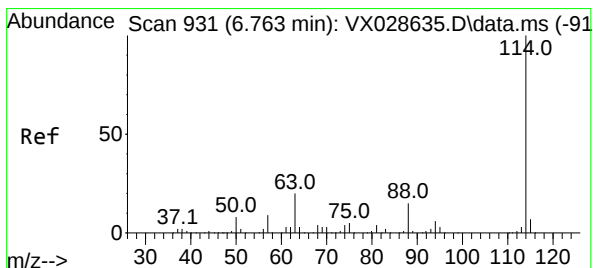
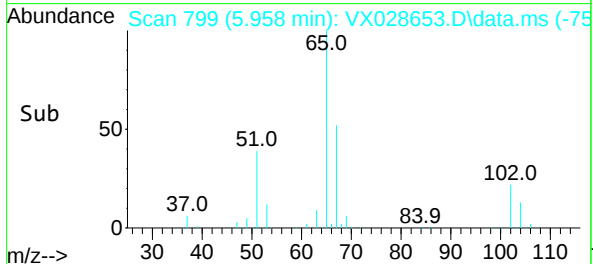
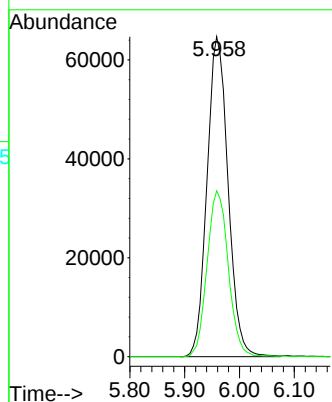
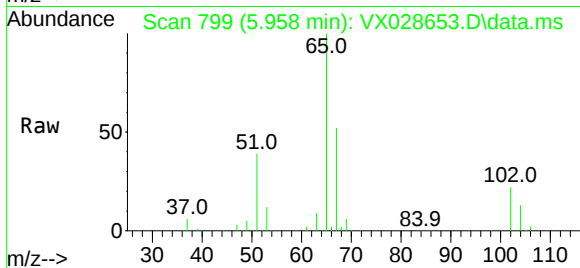
MW-8DR

Tgt Ion: 65 Resp: 172347

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028653.D

Acq: 12 May 2022 21:09

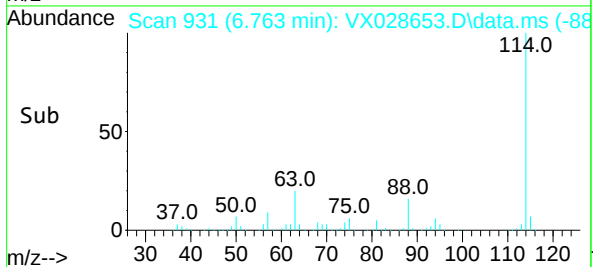
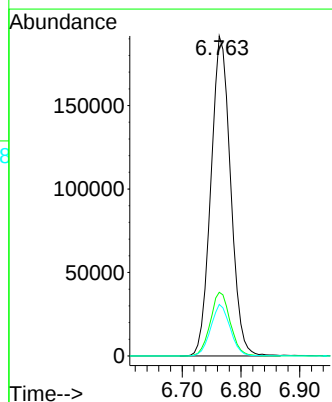
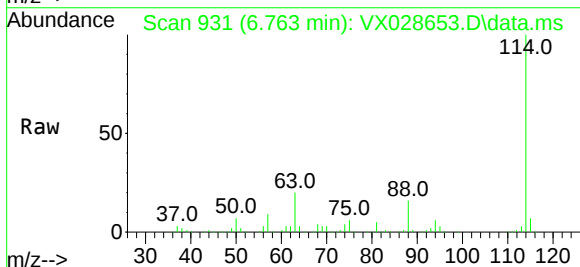
Tgt Ion: 114 Resp: 445547

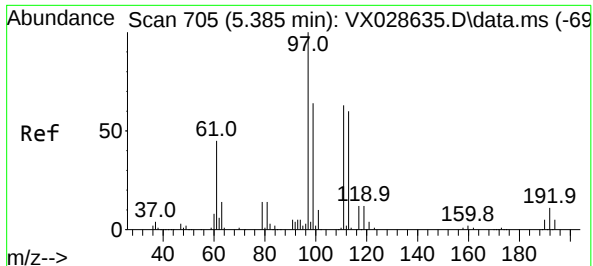
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.988 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028653.D

Acq: 12 May 2022 21:09

Instrument :

MSVOA_X

ClientSampleId :

MW-8DR

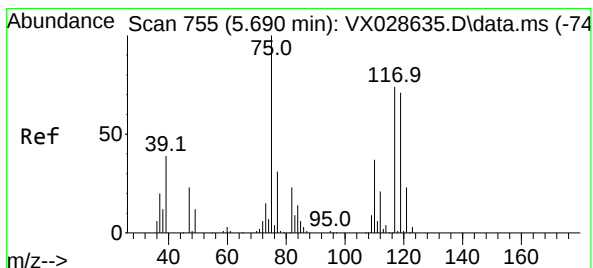
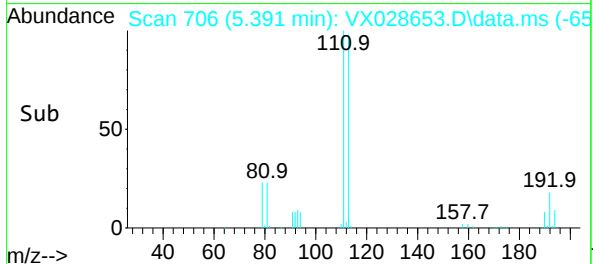
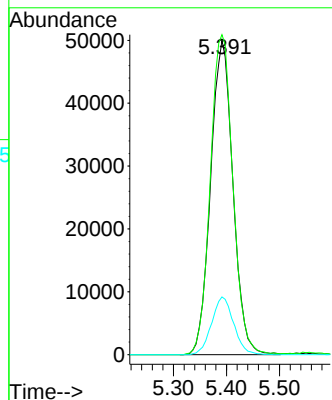
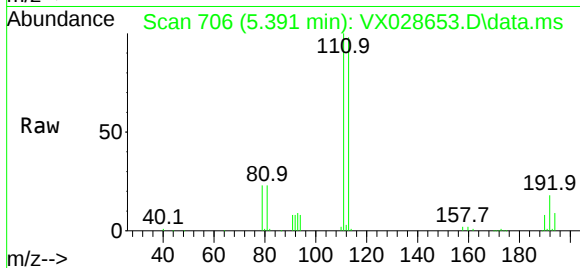
Tgt Ion:113 Resp: 145922

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 18.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.856 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028653.D

Acq: 12 May 2022 21:09

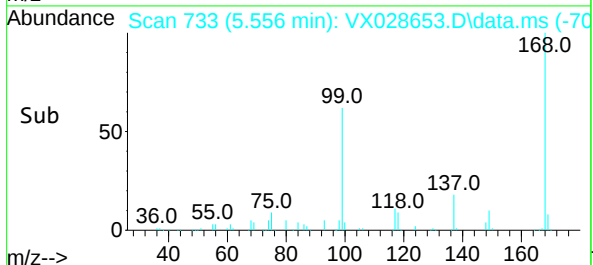
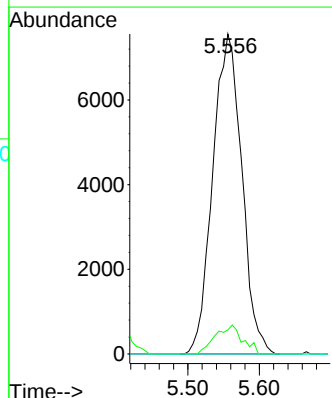
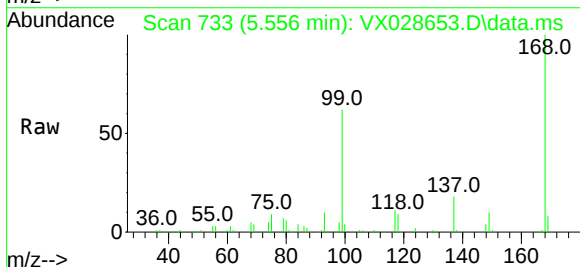
Tgt Ion: 75 Resp: 21292

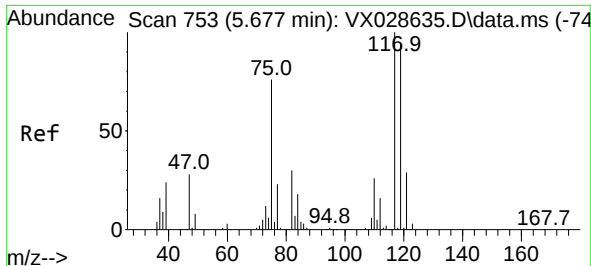
Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

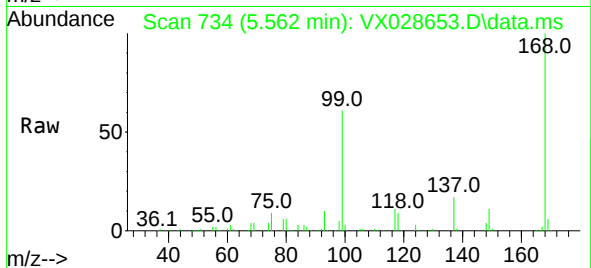
77 0.0 24.8 37.2#



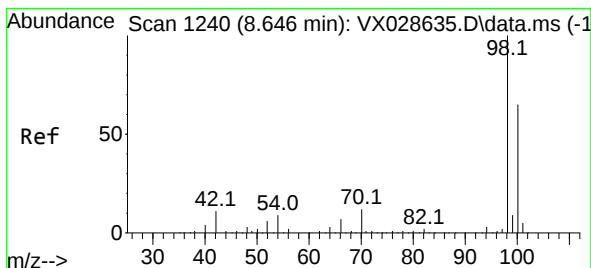
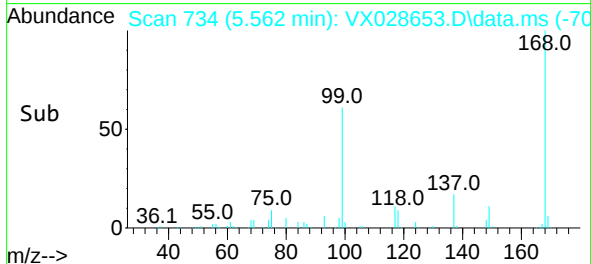
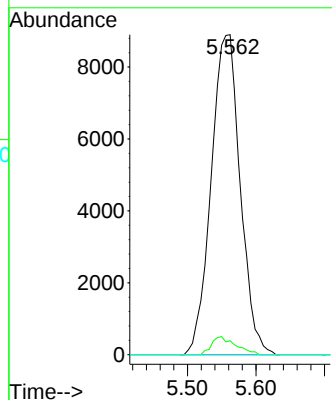


#38
Carbon Tetrachloride
Concen: 5.934 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.115 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

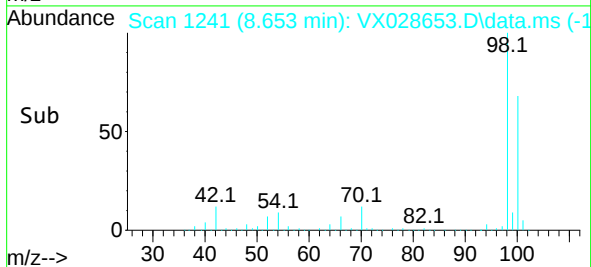
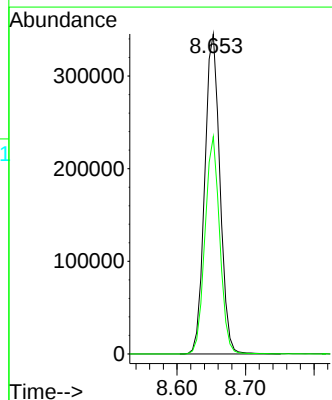
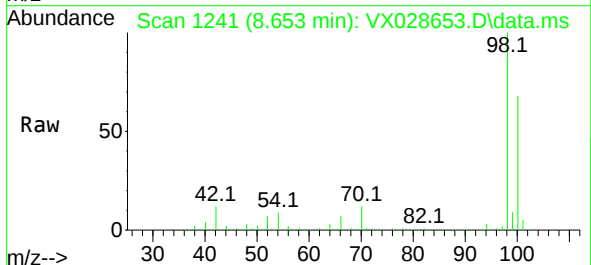


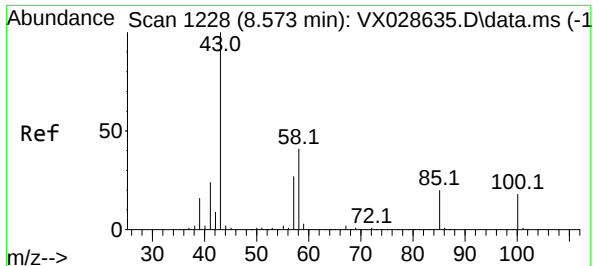
Tgt Ion:117 Resp: 26185
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.482 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

Tgt Ion: 98 Resp: 533577
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.544 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.080 min

Lab File: VX028653.D

Acq: 12 May 2022 21:09

Instrument :

MSVOA_X

ClientSampleId :

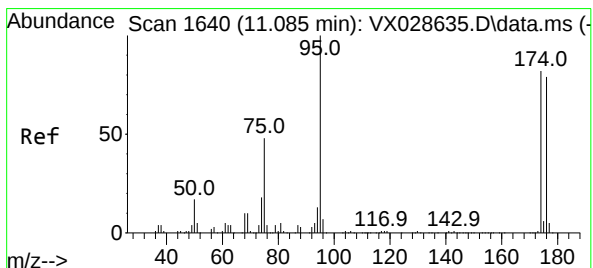
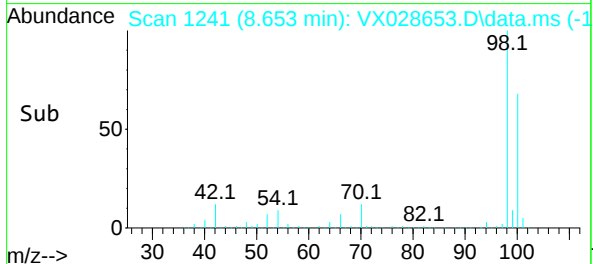
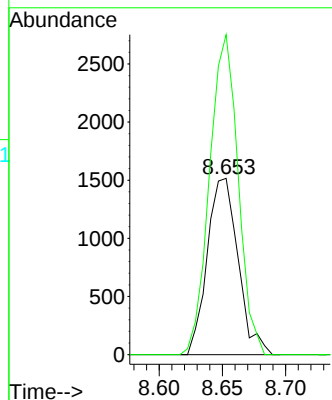
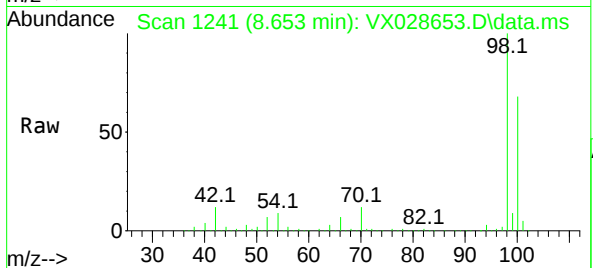
MW-8DR

Tgt Ion: 43 Resp: 2569

Ion Ratio Lower Upper

43 100

58 168.4 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 48.612 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028653.D

Acq: 12 May 2022 21:09

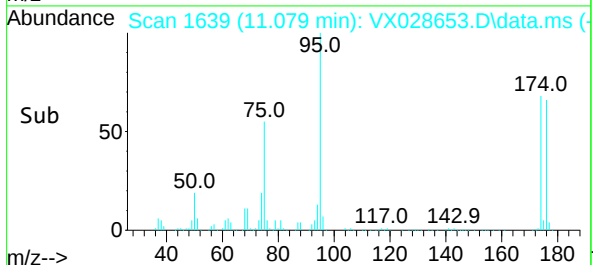
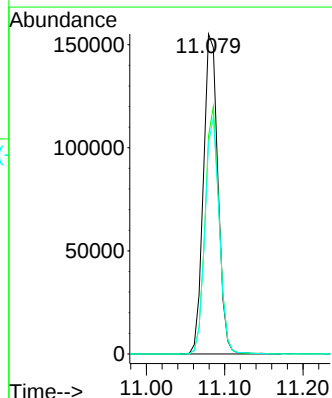
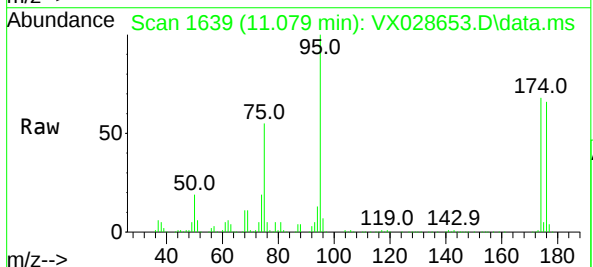
Tgt Ion: 95 Resp: 199832

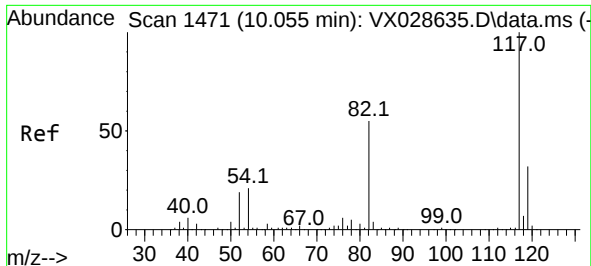
Ion Ratio Lower Upper

95 100

174 74.8 0.0 163.0

176 72.6 0.0 155.0

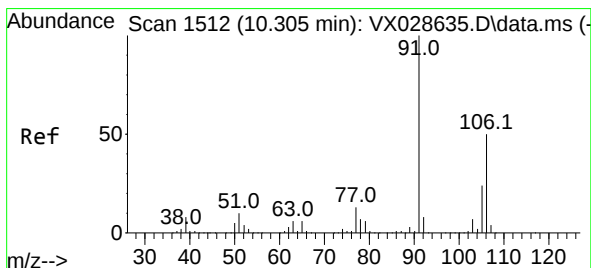
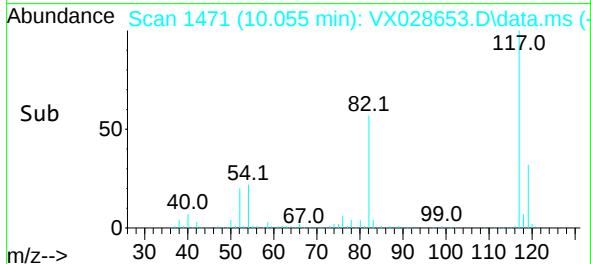
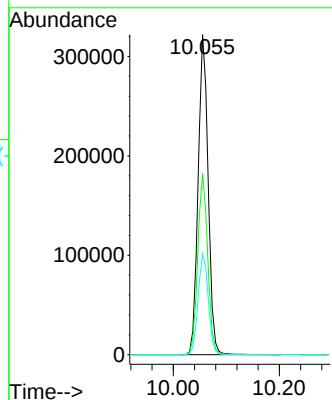
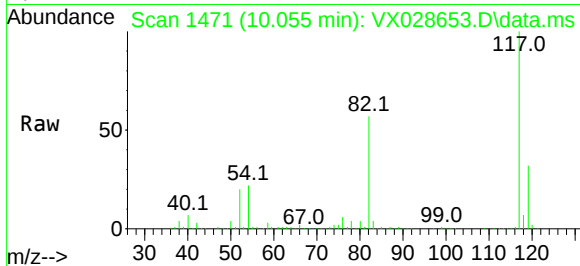




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

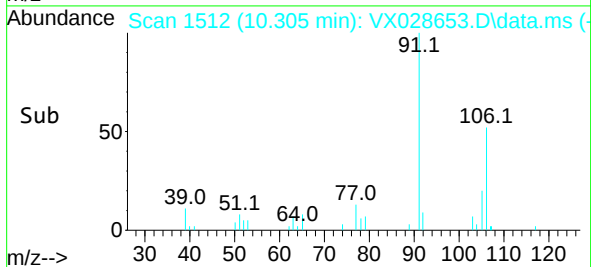
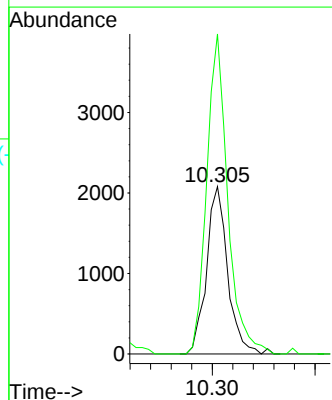
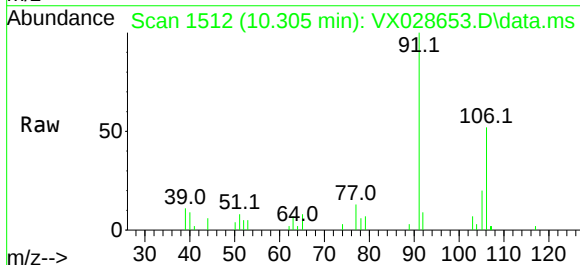
Instrument :
MSVOA_X
ClientSampleId :
MW-8DR

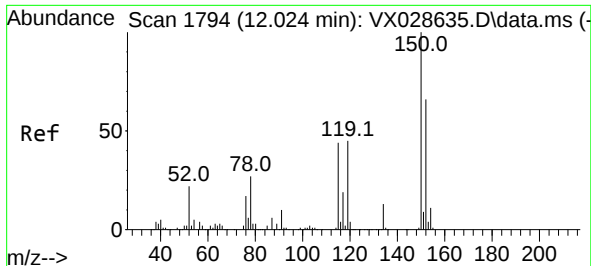
Tgt Ion:117 Resp: 422138
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 31.5 24.8 37.2



#68
m/p-Xylenes
Concen: 0.478 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028653.D
Acq: 12 May 2022 21:09

Tgt Ion:106 Resp: 2989
Ion Ratio Lower Upper
106 100
91 188.9 160.4 240.6

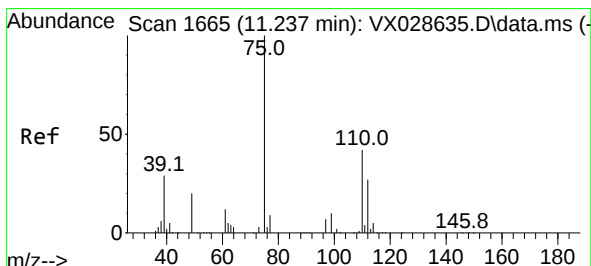
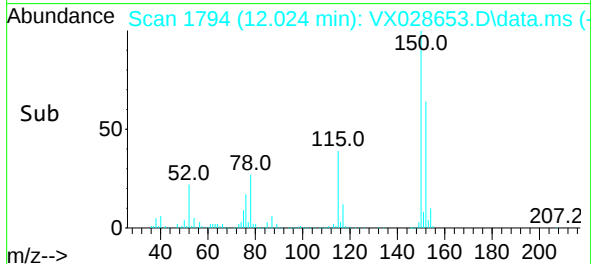
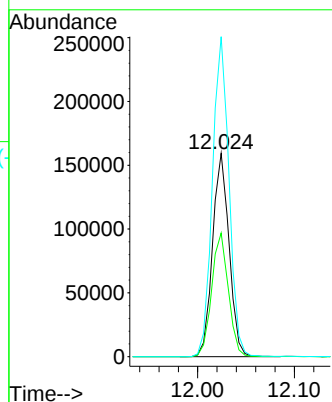
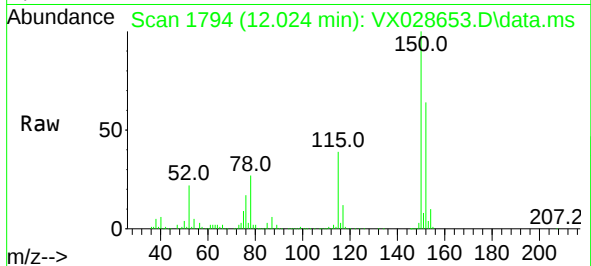




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028653.D
 Acq: 12 May 2022 21:09

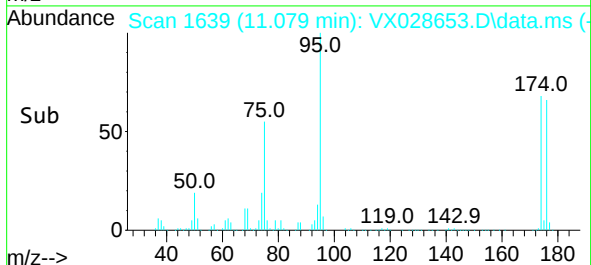
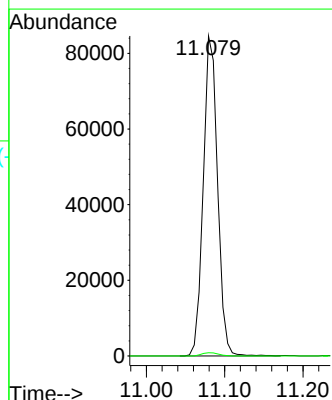
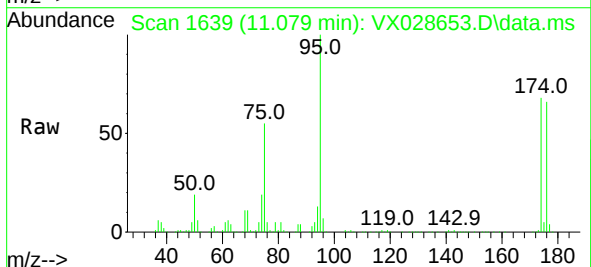
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8DR

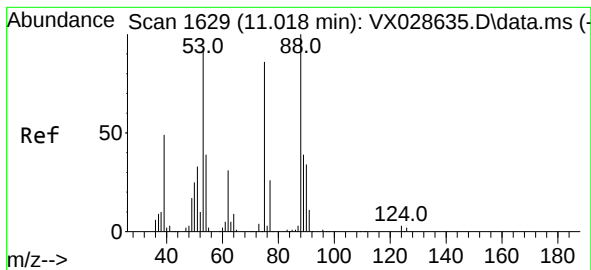
Tgt Ion:152 Resp: 188947
 Ion Ratio Lower Upper
 152 100
 115 61.4 37.5 112.7
 150 158.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.188 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028653.D
 Acq: 12 May 2022 21:09

Tgt Ion: 75 Resp: 107030
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.443 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028653.D
 Acq: 12 May 2022 21:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8DR

Tgt Ion: 75 Resp: 107030
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

