

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028651.D
 Acq On : 12 May 2022 20:22
 Operator : JC/MD
 Sample : N2799-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7M

Quant Time: May 13 02:49:32 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)

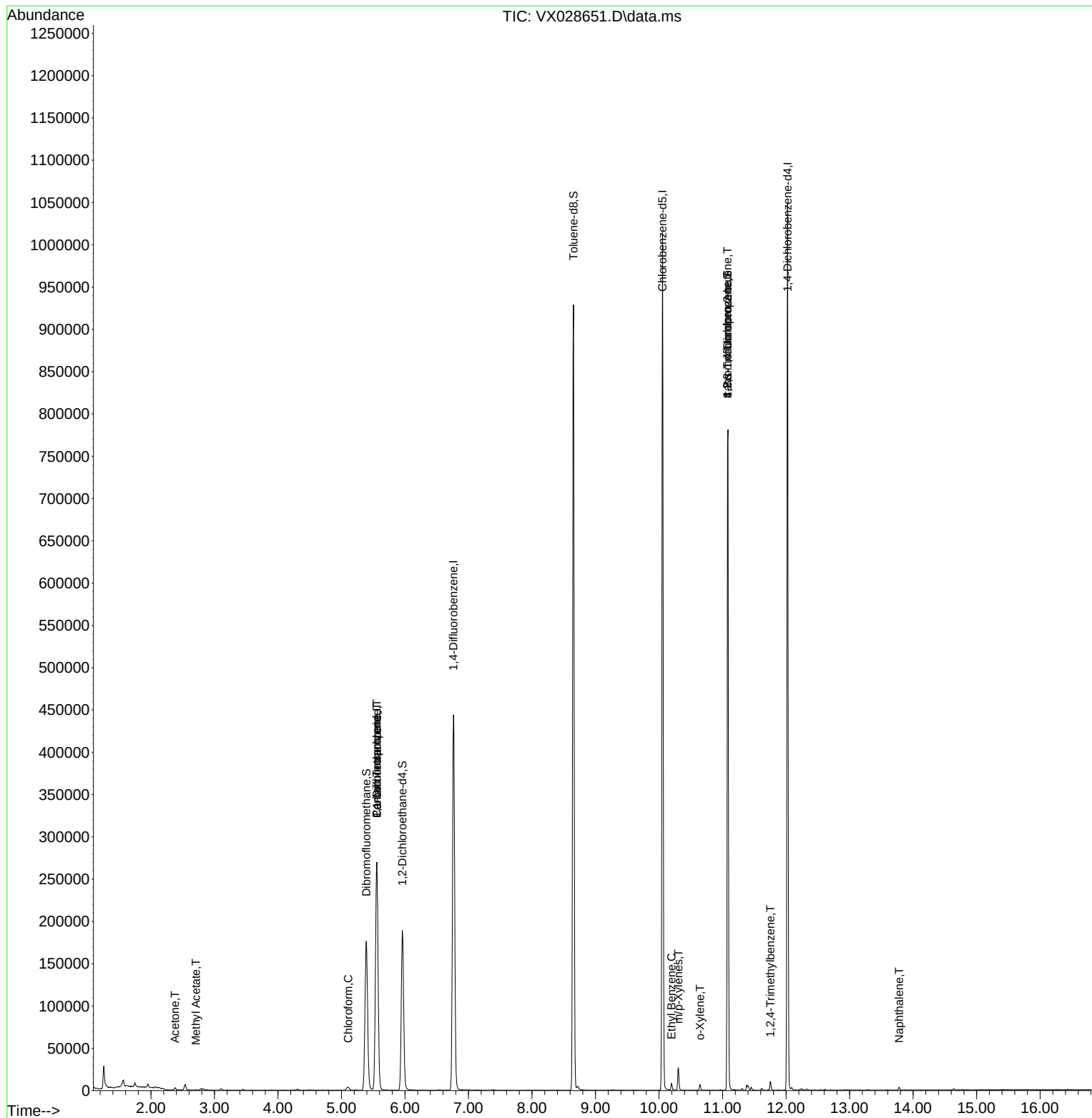
Internal Standards						
1) Pentafluorobenzene	5.556	168	247421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	432794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177666	52.385	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.760%			
35) Dibromofluoromethane	5.391	113	149631	49.980	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.960%			
50) Toluene-d8	8.653	98	551219	48.835	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.680%			
62) 4-Bromofluorobenzene	11.079	95	205321	48.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.400%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	706	Below Cal	#	76
6) Chloroethane	1.709	64	352	Below Cal	#	43
11) Tert butyl alcohol	2.715	59	26	Below Cal	#	72
16) Acetone	2.380	43	3159	2.170	ug/l #	87
18) Methyl Acetate	2.709	43	733	0.201	ug/l #	74
30) Chloroform	5.105	83	4633	0.839	ug/l	87
36) 1,1-Dichloropropene	5.556	75	21195	4.713	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26634	5.886	ug/l #	15
67) Ethyl Benzene	10.195	91	4538	0.276	ug/l	98
68) m/p-Xylenes	10.305	106	6361	0.993	ug/l	95
69) o-Xylene	10.646	106	1711	0.271	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	108886	23.561	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	108886	68.717	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	5086	0.407	ug/l	93
95) Naphthalene	13.780	128	2825	0.201	ug/l	98

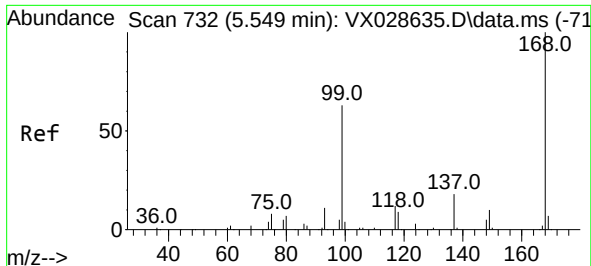
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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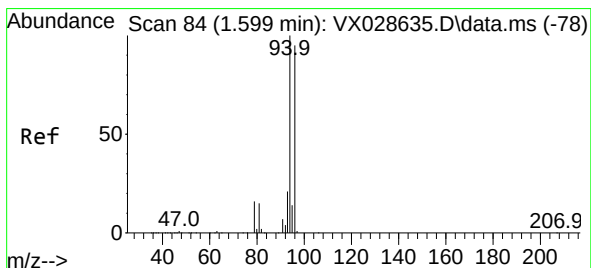
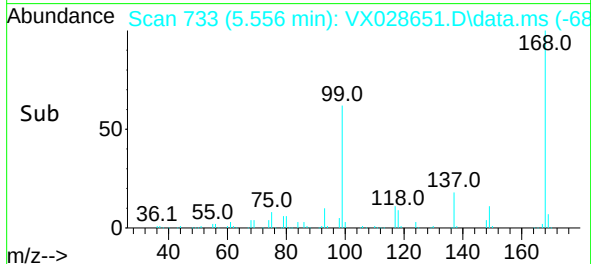
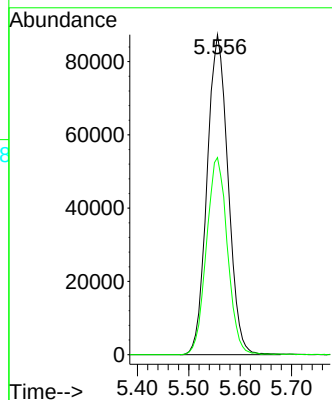
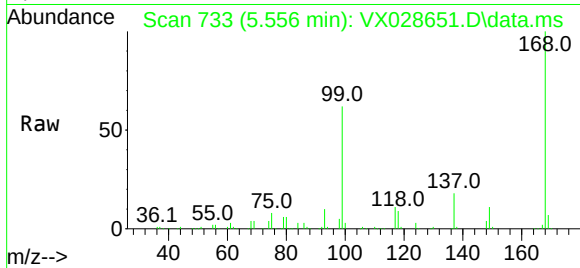




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

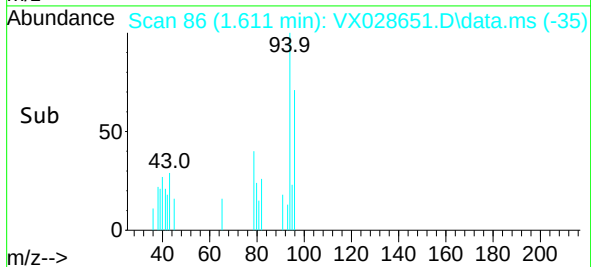
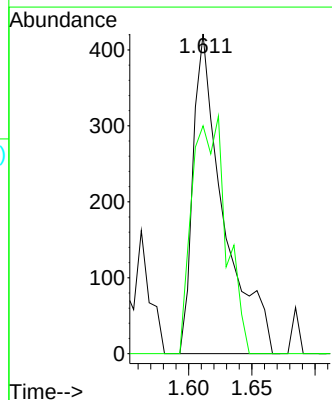
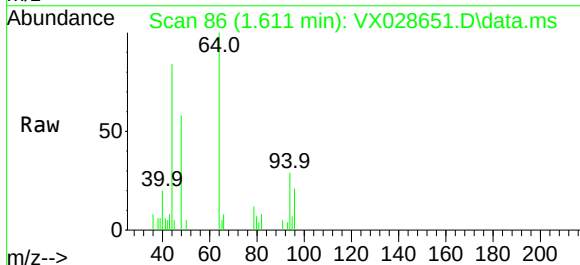
Instrument :
MSVOA_X
ClientSampleId :
MW-7M

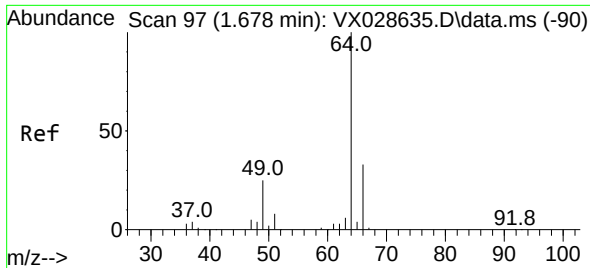
Tgt Ion:168 Resp: 247421
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

Tgt Ion: 94 Resp: 706
Ion Ratio Lower Upper
94 100
96 71.3 75.3 112.9#

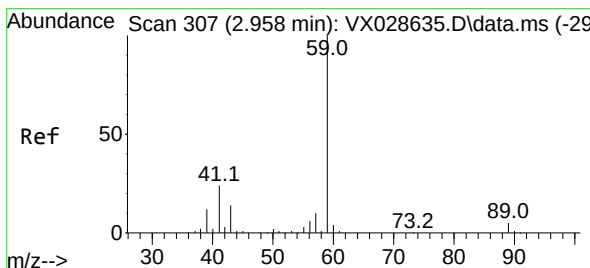
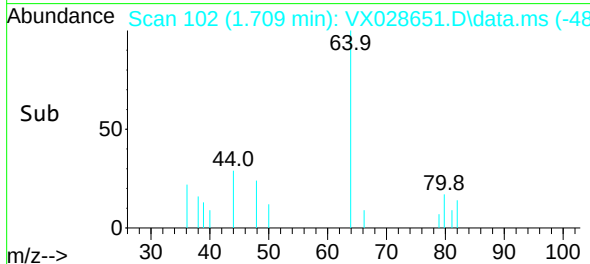
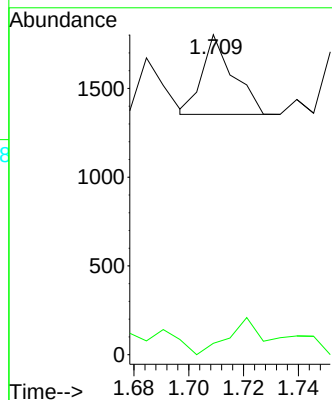
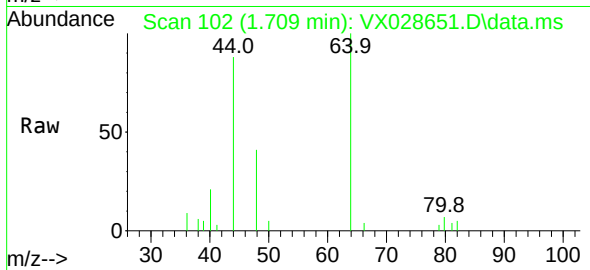




#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.031 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

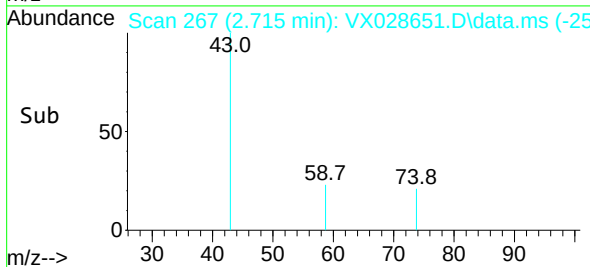
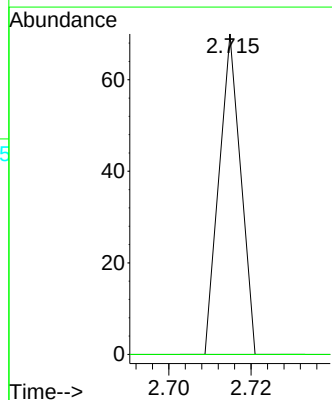
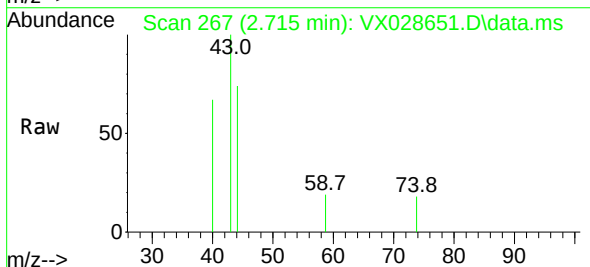
Instrument :
MSVOA_X
ClientSampleId :
MW-7M

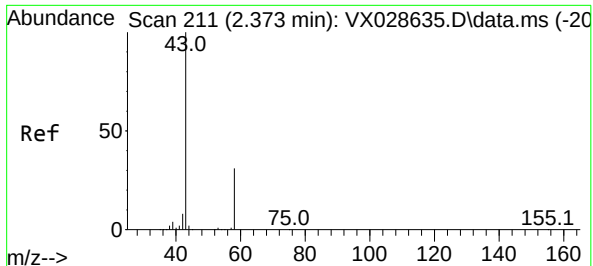
Tgt Ion: 64 Resp: 352
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.715 min Scan# 267
Delta R.T. -0.243 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

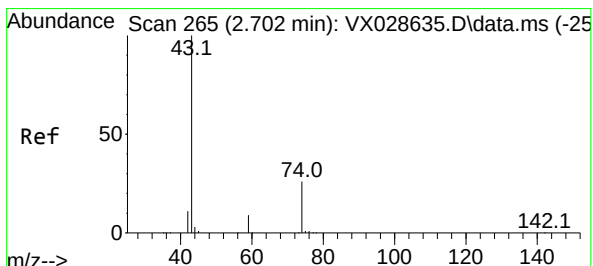
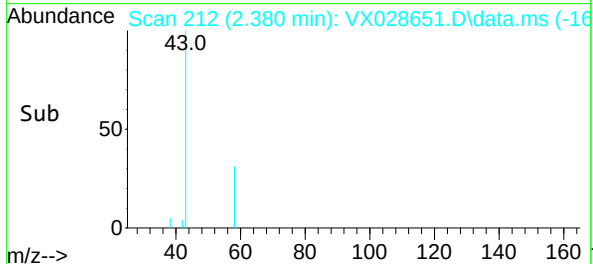
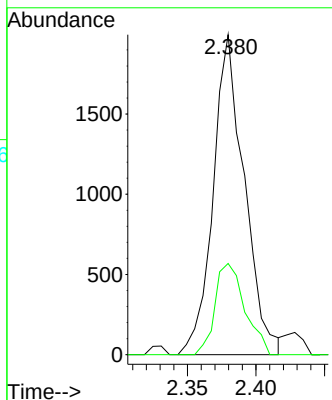
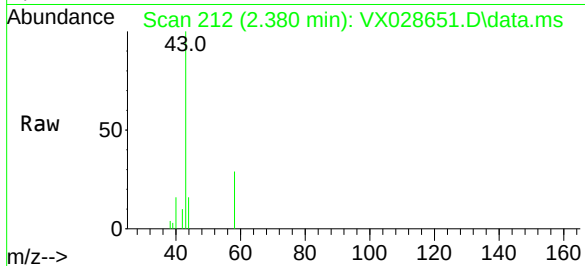




#16
Acetone
Concen: 2.170 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

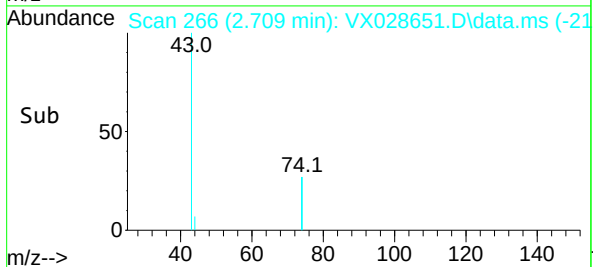
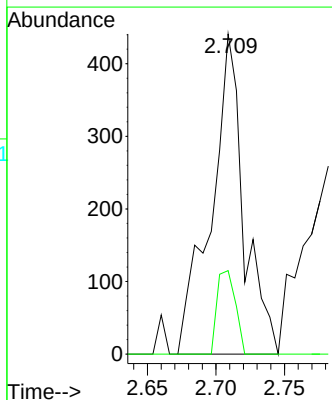
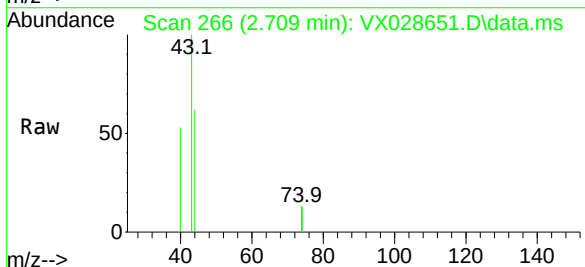
Instrument :
MSVOA_X
ClientSampleId :
MW-7M

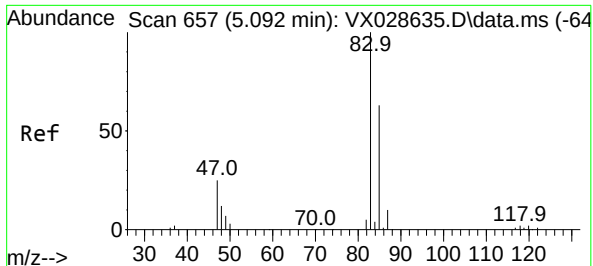
Tgt Ion: 43 Resp: 3159
Ion Ratio Lower Upper
43 100
58 28.5 28.8 43.2#



#18
Methyl Acetate
Concen: 0.201 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
74 14.5 22.8 34.2#





#30

Chloroform

Concen: 0.839 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.013 min

Lab File: VX028651.D

Acq: 12 May 2022 20:22

Instrument :

MSVOA_X

ClientSampleId :

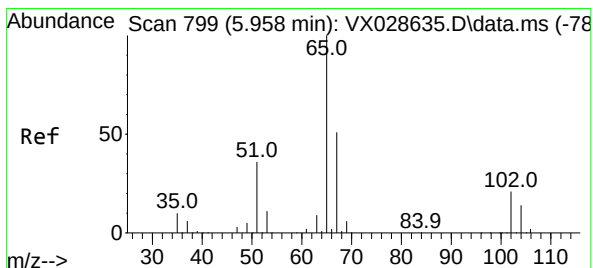
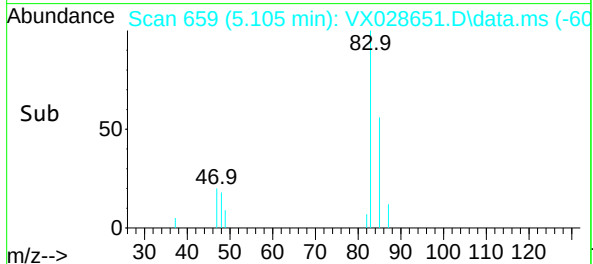
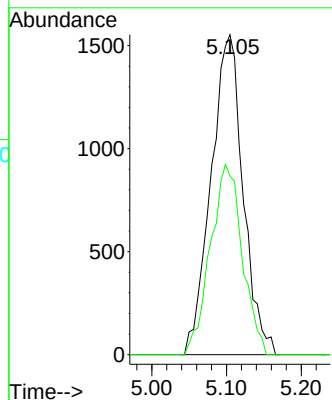
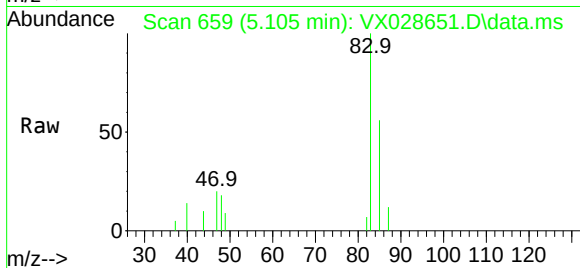
MW-7M

Tgt Ion: 83 Resp: 4633

Ion Ratio Lower Upper

83 100

85 55.8 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 52.385 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028651.D

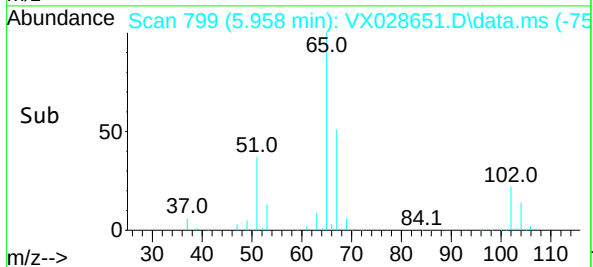
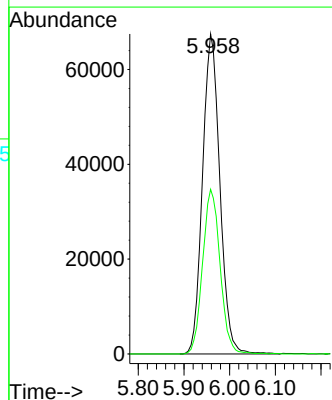
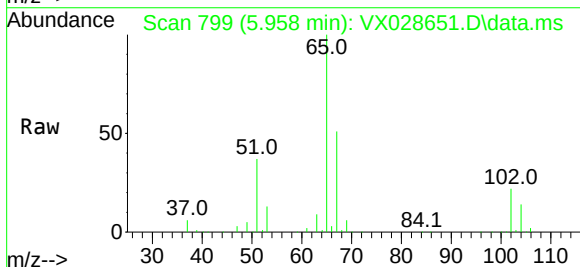
Acq: 12 May 2022 20:22

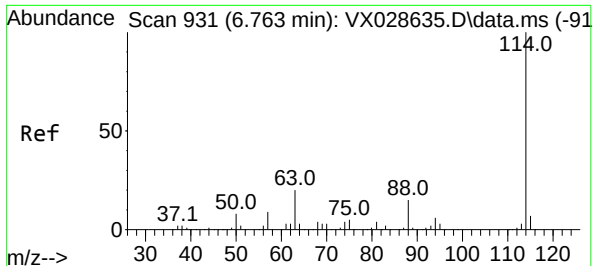
Tgt Ion: 65 Resp: 177666

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4

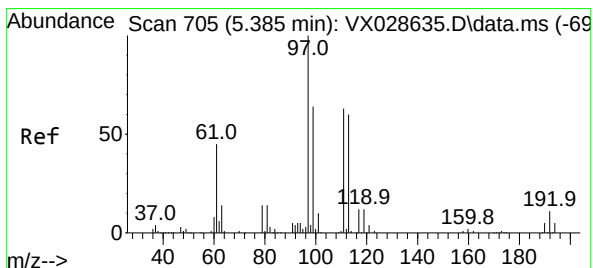
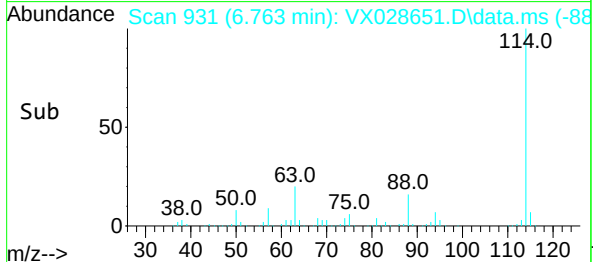
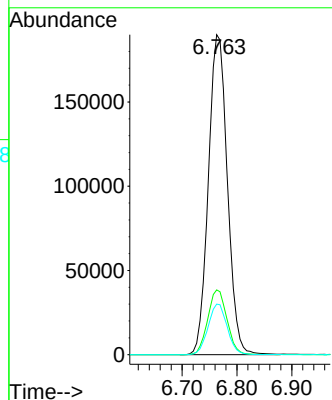
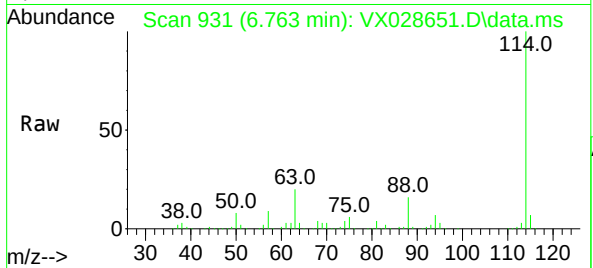




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

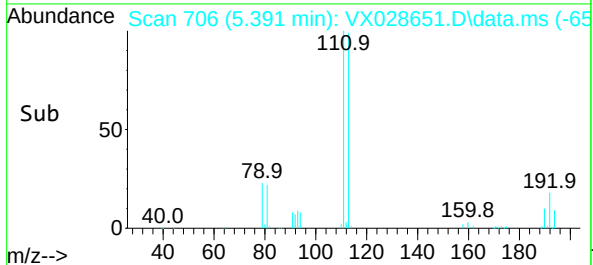
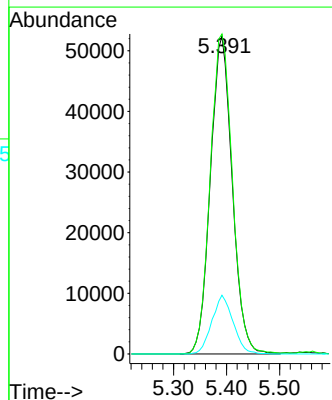
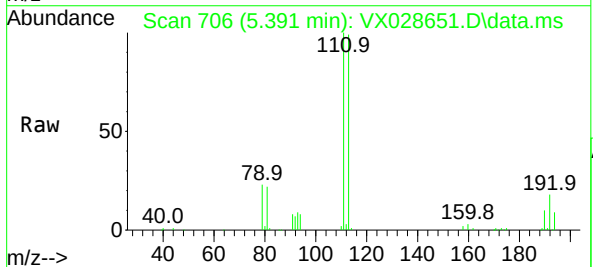
Instrument :
MSVOA_X
ClientSampleId :
MW-7M

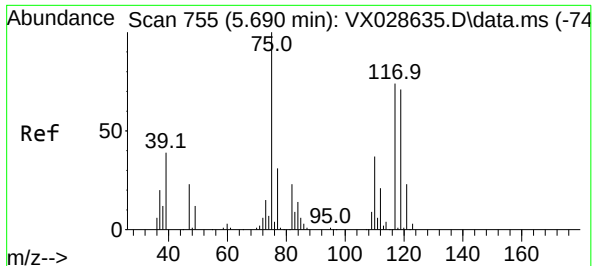
Tgt Ion:114 Resp: 456943
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.980 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

Tgt Ion:113 Resp: 149631
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.713 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX028651.D

Acq: 12 May 2022 20:22

Instrument :

MSVOA_X

ClientSampleId :

MW-7M

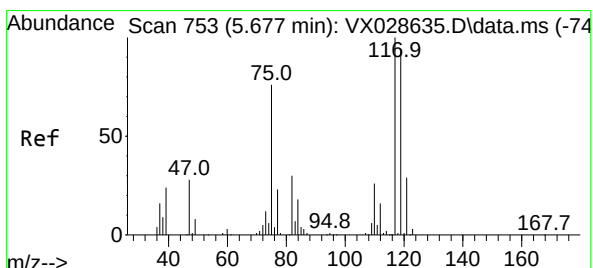
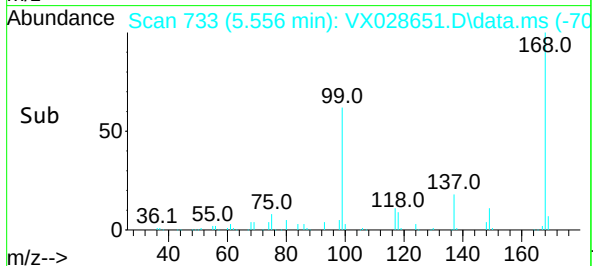
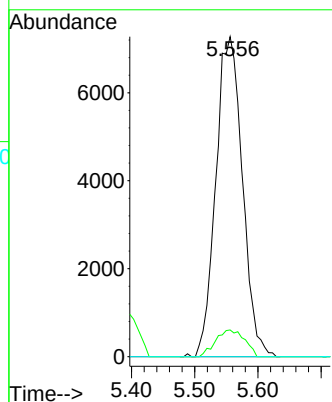
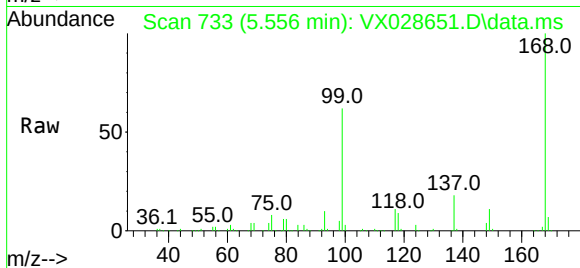
Tgt Ion: 75 Resp: 21195

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.886 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.121 min

Lab File: VX028651.D

Acq: 12 May 2022 20:22

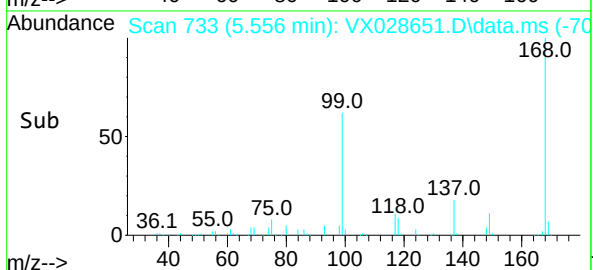
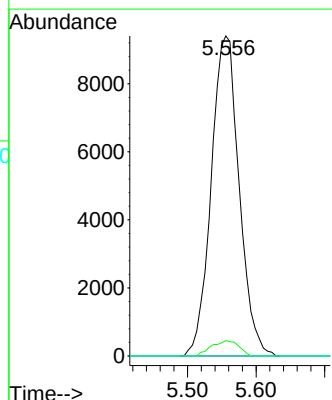
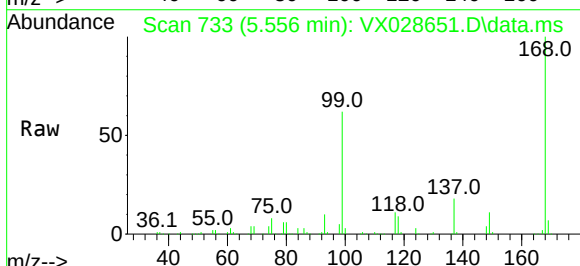
Tgt Ion: 117 Resp: 26634

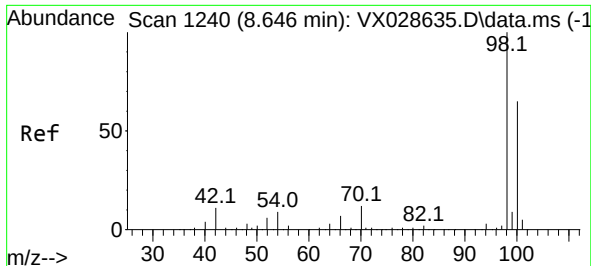
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 24.2 36.2#

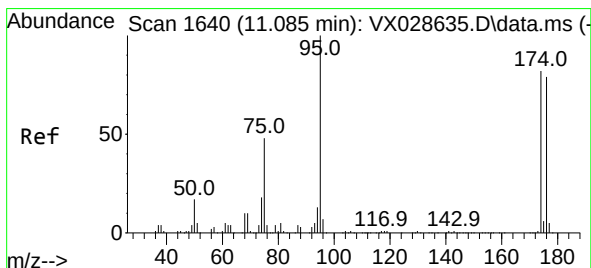
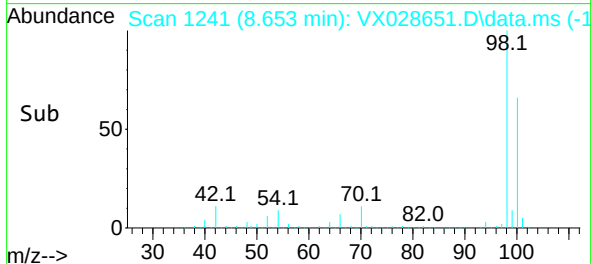
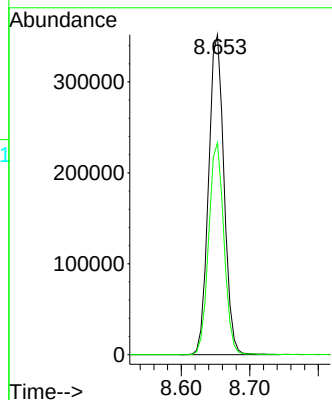
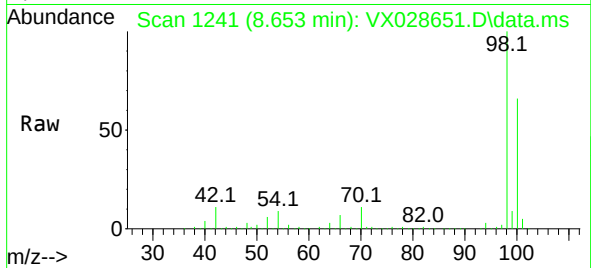




#50
Toluene-d8
Concen: 48.835 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

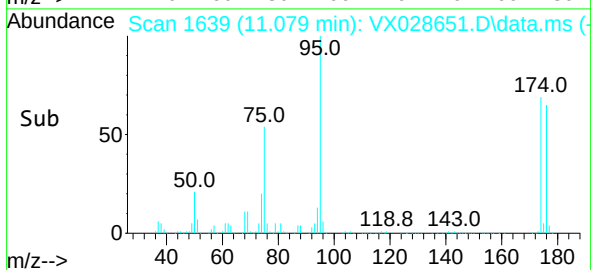
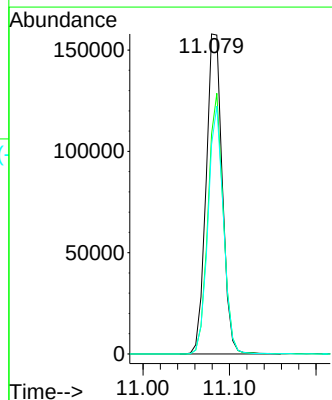
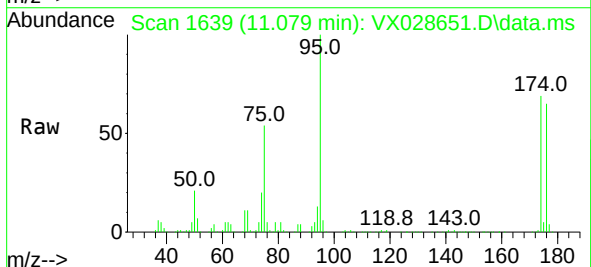
Instrument :
MSVOA_X
ClientSampleId :
MW-7M

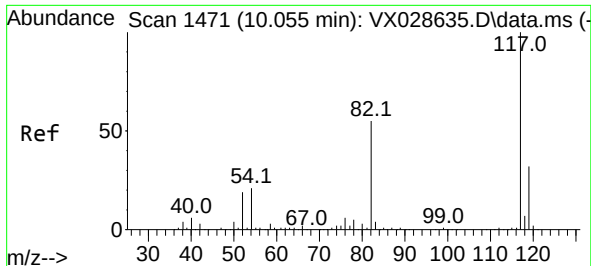
Tgt Ion: 98 Resp: 551219
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

Tgt Ion: 95 Resp: 205321
Ion Ratio Lower Upper
95 100
174 76.3 0.0 163.0
176 73.3 0.0 155.0

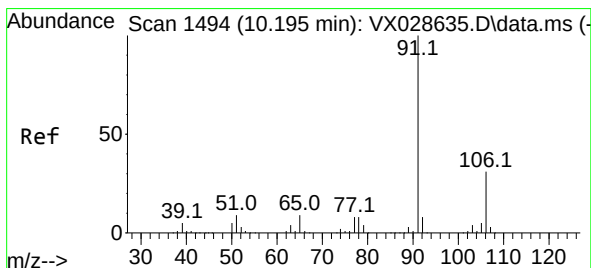
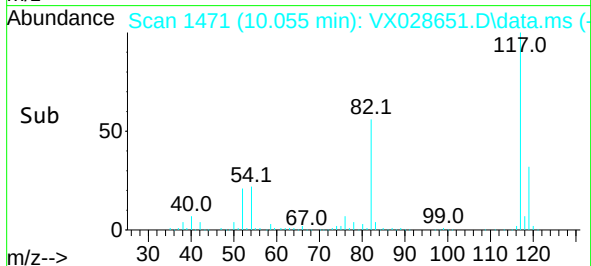
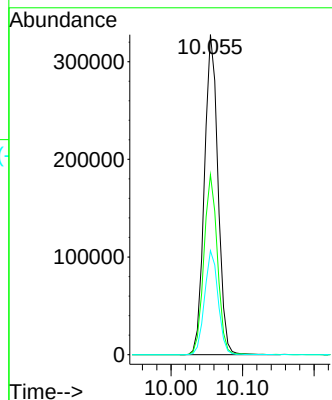
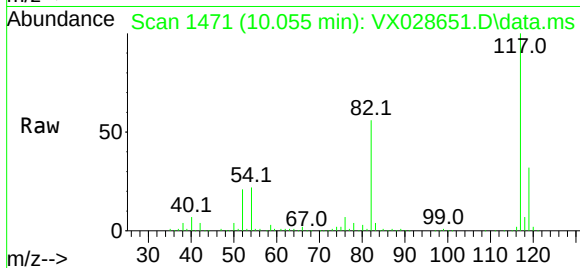




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

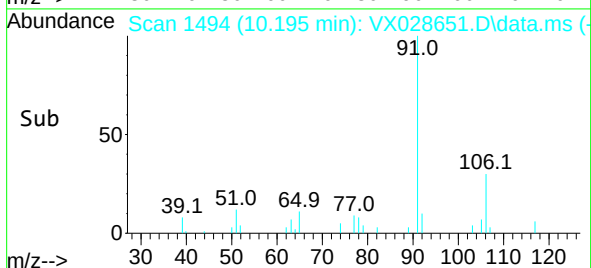
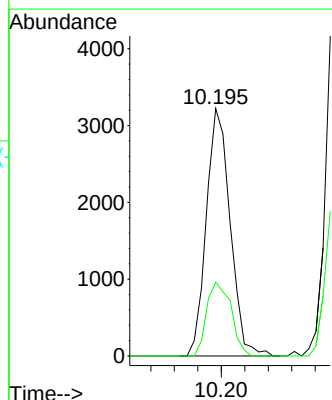
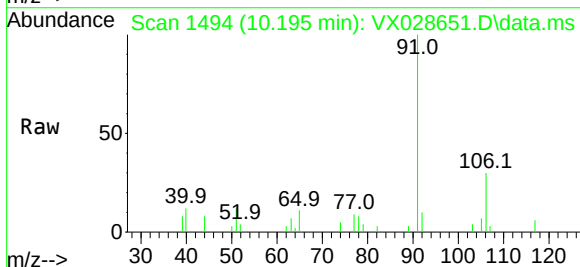
Instrument :
MSVOA_X
ClientSampleId :
MW-7M

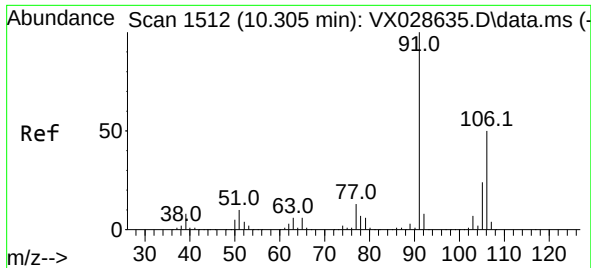
Tgt Ion:117 Resp: 432794
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 32.5 24.8 37.2



#67
Ethyl Benzene
Concen: 0.276 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

Tgt Ion: 91 Resp: 4538
Ion Ratio Lower Upper
91 100
106 29.8 24.6 36.8

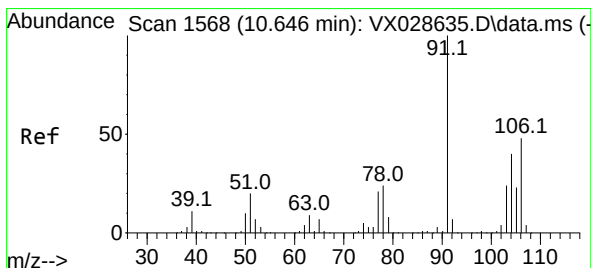
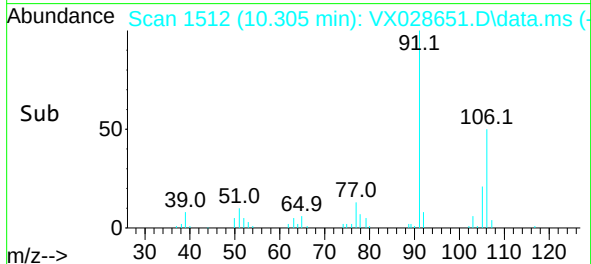
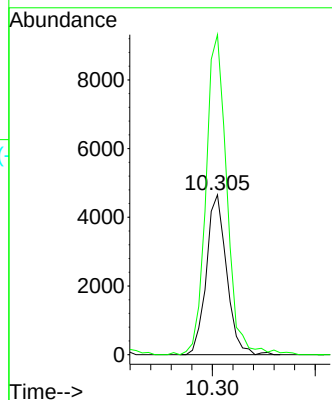
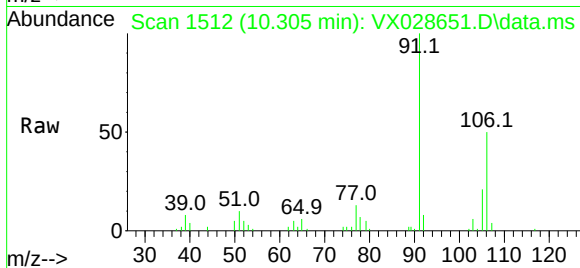




#68
m/p-Xylenes
Concen: 0.993 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

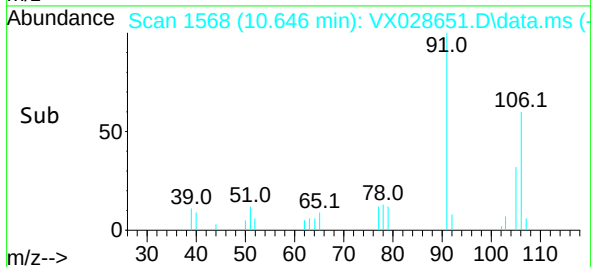
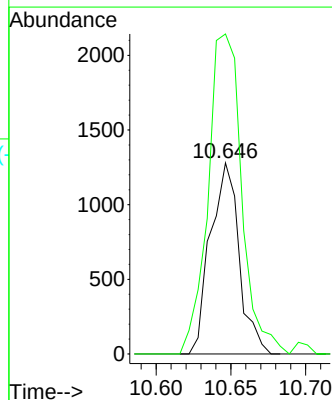
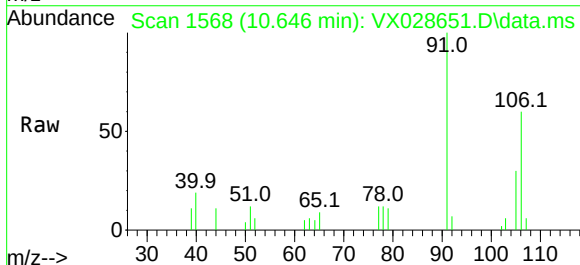
Instrument :
MSVOA_X
ClientSampleId :
MW-7M

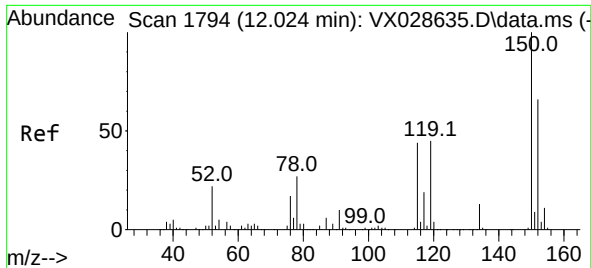
Tgt Ion:106 Resp: 6361
Ion Ratio Lower Upper
106 100
91 207.4 160.4 240.6



#69
o-Xylene
Concen: 0.271 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

Tgt Ion:106 Resp: 1711
Ion Ratio Lower Upper
106 100
91 196.3 106.1 318.1

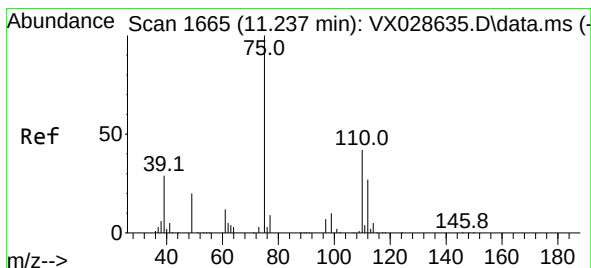
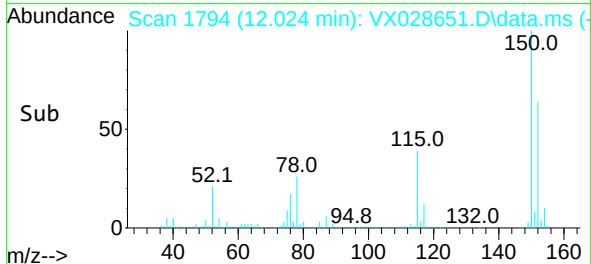
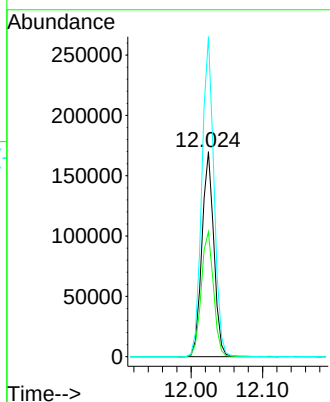
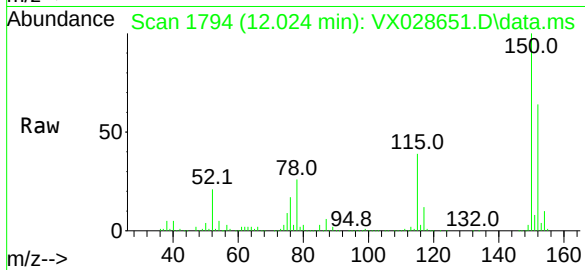




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028651.D
 Acq: 12 May 2022 20:22

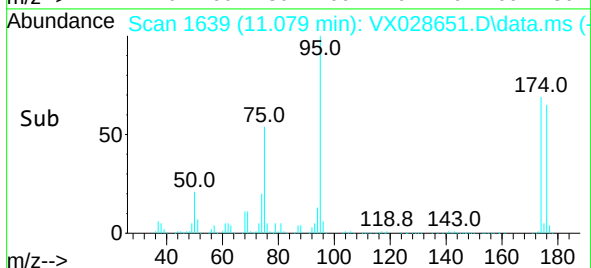
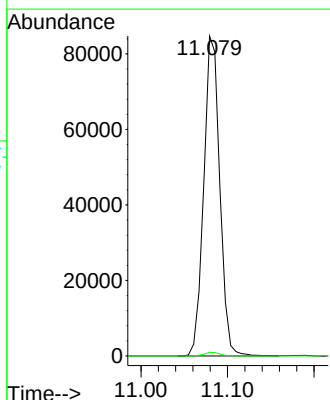
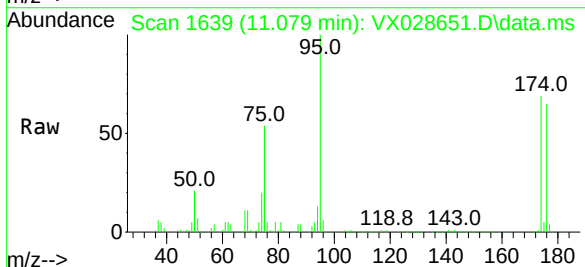
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7M

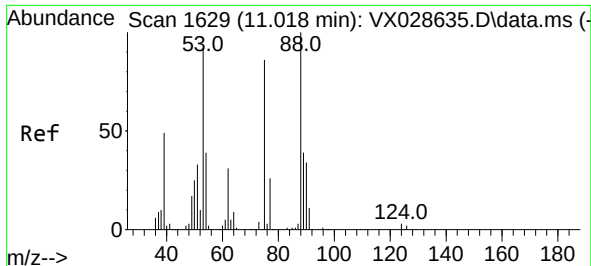
Tgt Ion:152 Resp: 197338
 Ion Ratio Lower Upper
 152 100
 115 62.7 37.5 112.7
 150 157.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.561 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX028651.D
 Acq: 12 May 2022 20:22

Tgt Ion: 75 Resp: 108886
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

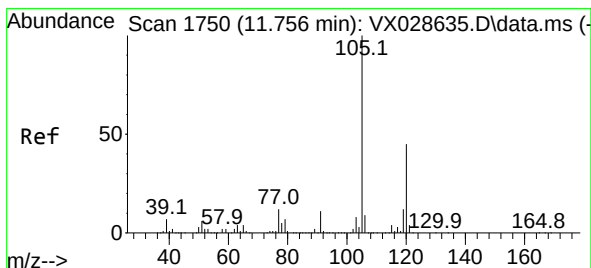
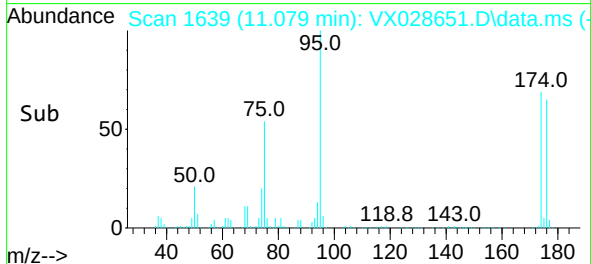
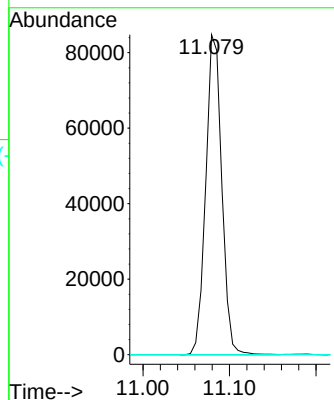
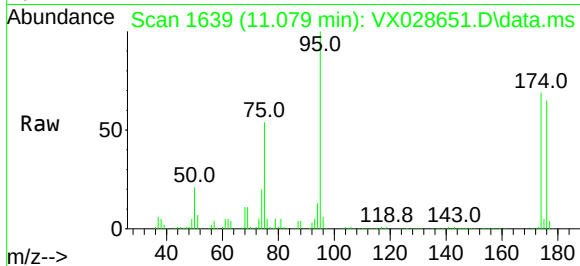




#81
trans-1,4-Dichloro-2-butene
Concen: 68.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

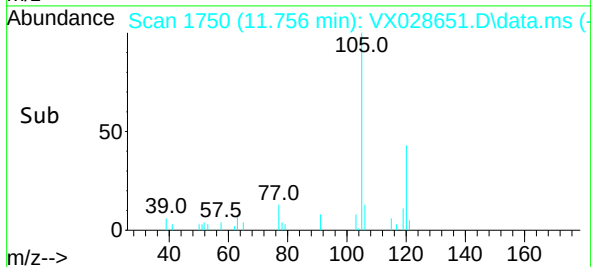
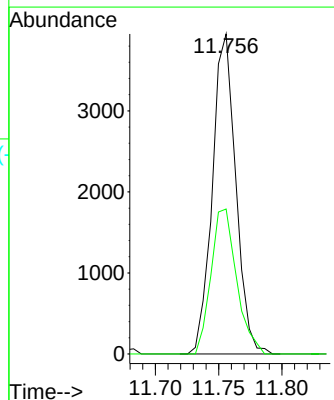
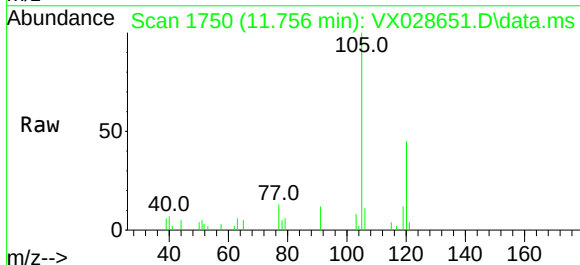
Instrument :
MSVOA_X
ClientSampleId :
MW-7M

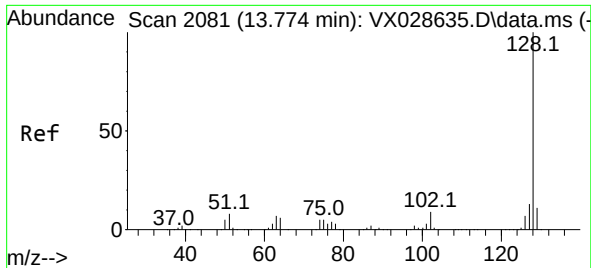
Tgt Ion: 75 Resp: 108886
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.407 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

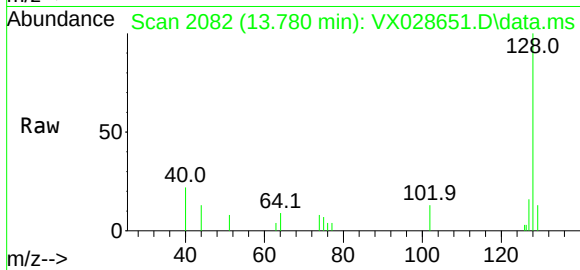
Tgt Ion: 105 Resp: 5086
Ion Ratio Lower Upper
105 100
120 49.5 22.6 67.8





#95
Naphthalene
Concen: 0.201 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028651.D
Acq: 12 May 2022 20:22

Instrument :
MSVOA_X
ClientSampleId :
MW-7M



Tgt Ion:	128	Resp:	2825
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	10.6	8.7	13.1

