

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028652.D
 Acq On : 12 May 2022 20:45
 Operator : JC/MD
 Sample : N2799-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8BR

Quant Time: May 13 02:49:42 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)

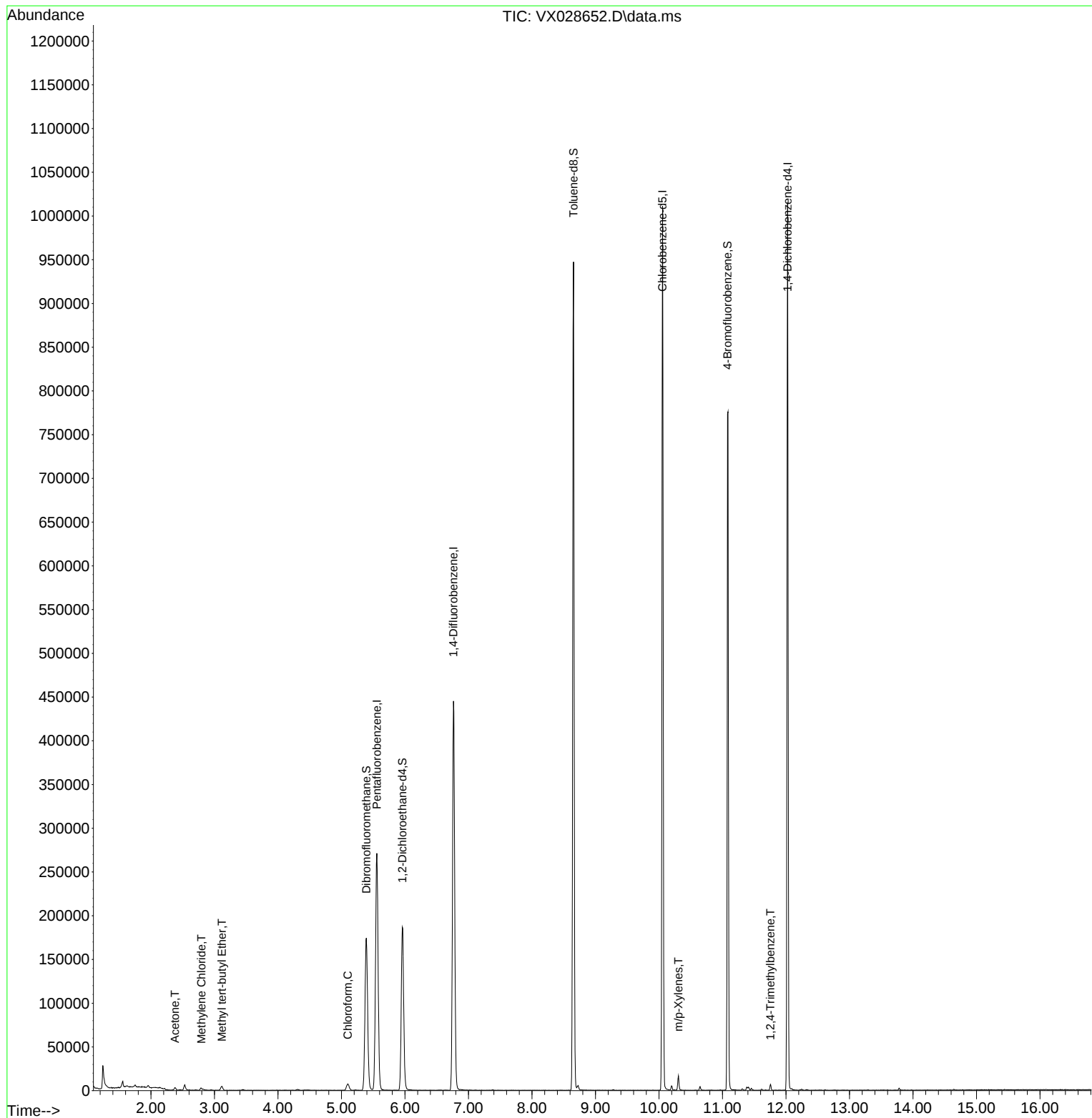
Internal Standards						
1) Pentafluorobenzene	5.556	168	245729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178543	53.006	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.020%	
35) Dibromofluoromethane	5.391	113	148624	50.014	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.020%	
50) Toluene-d8	8.653	98	548913	48.994	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	11.079	95	206088	49.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.500%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3247	2.246	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	4182	0.463	ug/l #	89
20) Methylene Chloride	2.794	84	960	0.317	ug/l #	81
30) Chloroform	5.099	83	8475	1.545	ug/l	92
68) m/p-Xylenes	10.305	106	3880	0.598	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	3045	0.244	ug/l	95

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

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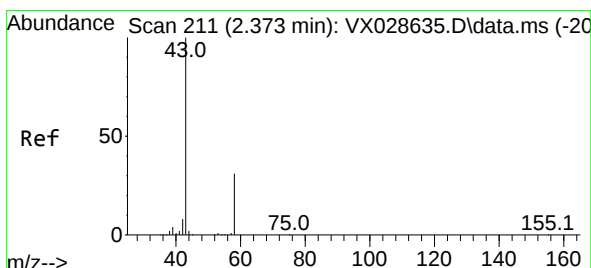
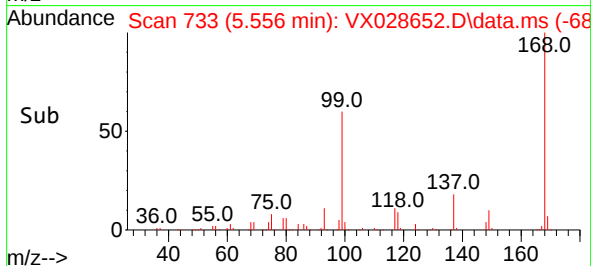
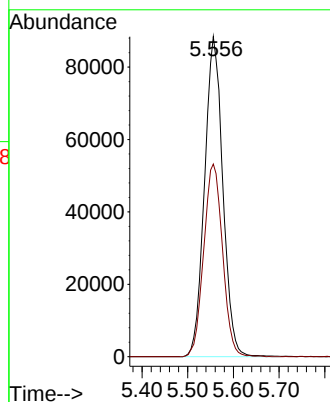
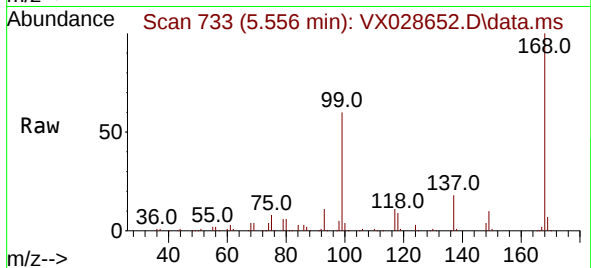




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

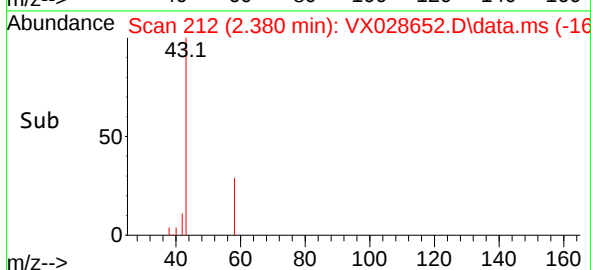
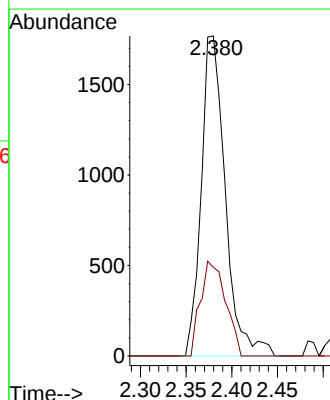
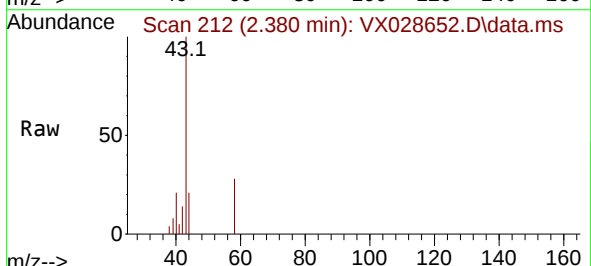
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

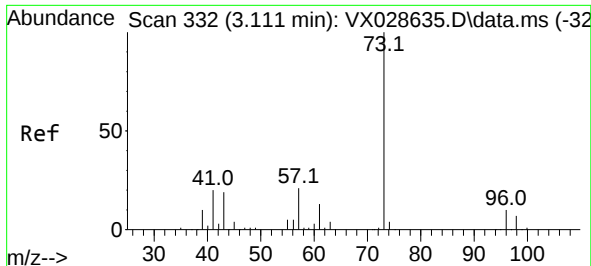
Tgt Ion:168 Resp: 245729
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5



#16
Acetone
Concen: 2.246 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
58 27.7 28.8 43.2#

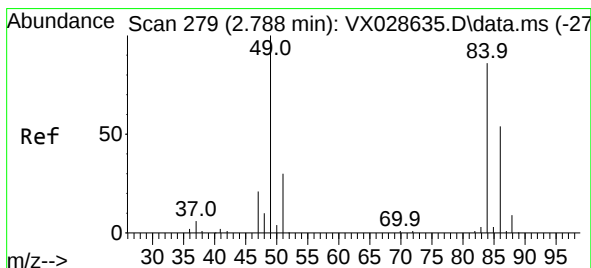
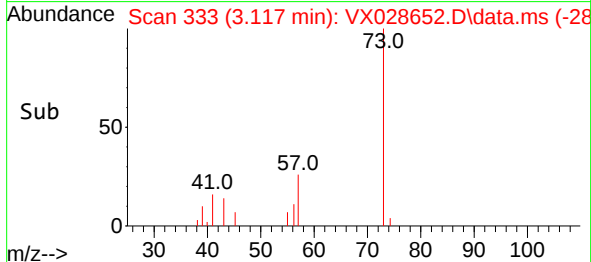
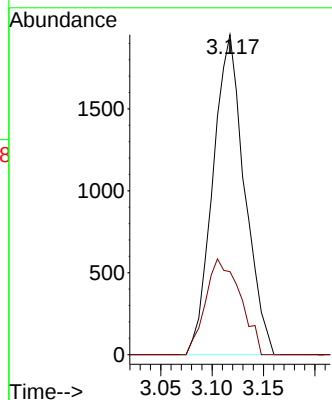
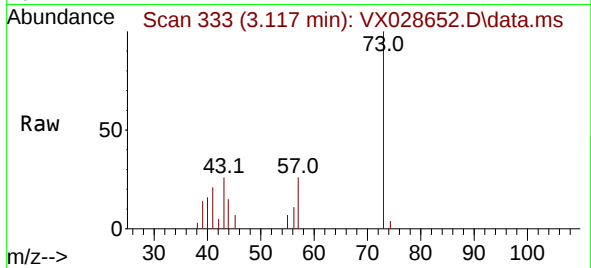




#19
Methyl tert-butyl Ether
Concen: 0.463 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

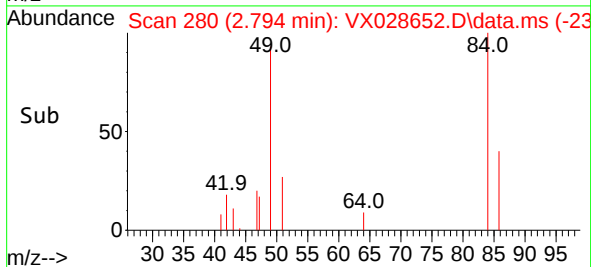
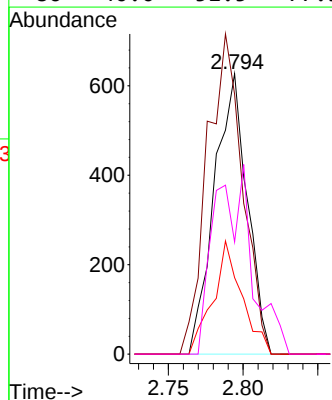
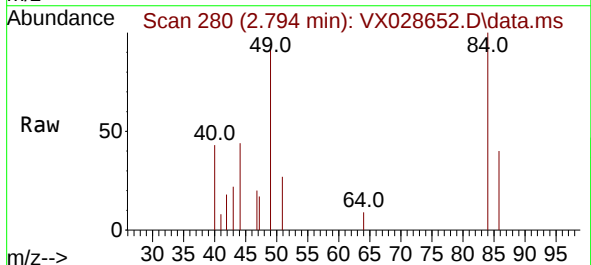
Instrument :
MSVOA_X
ClientSampleId :
MW-8BR

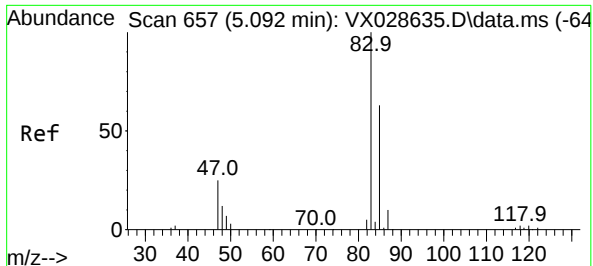
Tgt Ion: 73 Resp: 4182
Ion Ratio Lower Upper
73 100
57 26.0 16.8 25.2#



#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 84 Resp: 960
Ion Ratio Lower Upper
84 100
49 92.7 85.5 128.3
51 27.3 26.6 39.8
86 40.0 51.5 77.3#





#30

Chloroform

Concen: 1.545 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.007 min

Lab File: VX028652.D

Acq: 12 May 2022 20:45

Instrument :

MSVOA_X

ClientSampleId :

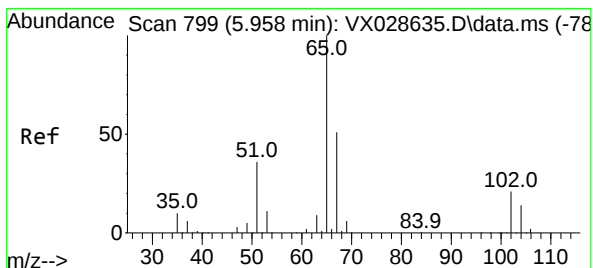
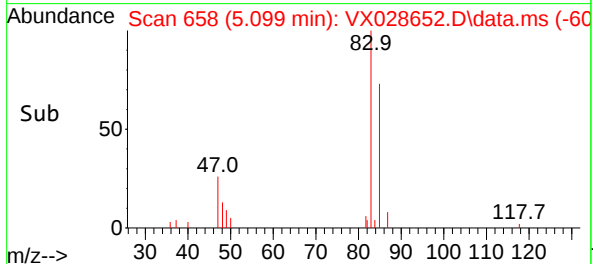
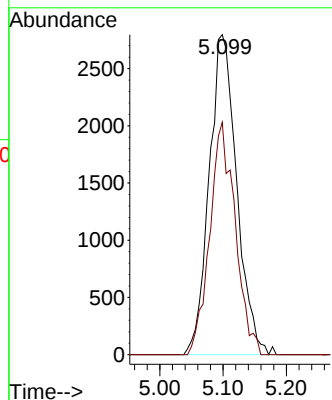
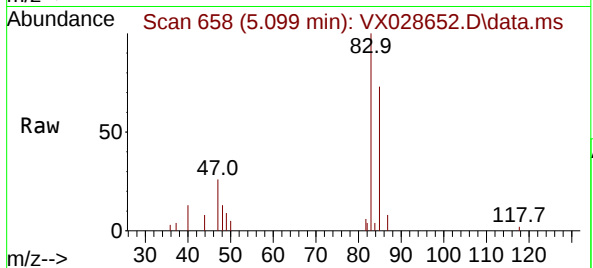
MW-8BR

Tgt Ion: 83 Resp: 8475

Ion Ratio Lower Upper

83 100

85 72.6 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 53.006 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028652.D

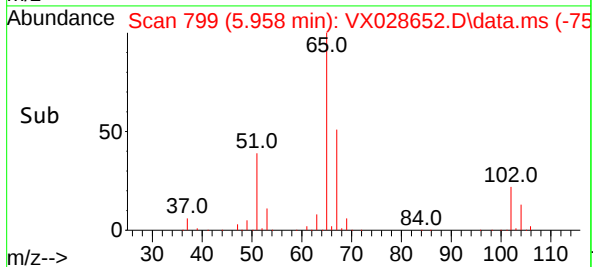
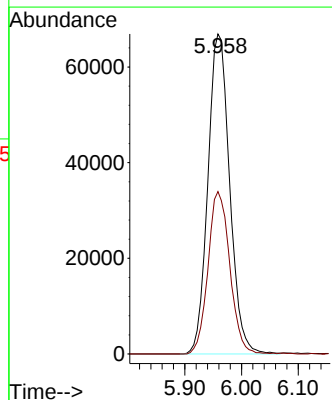
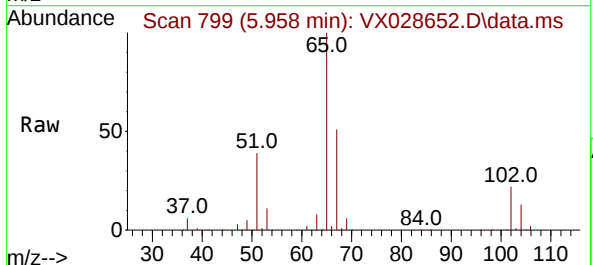
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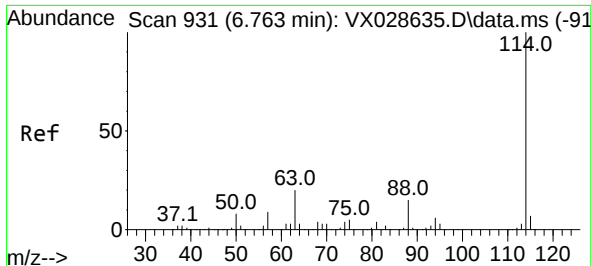
Tgt Ion: 65 Resp: 178543

Ion Ratio Lower Upper

65 100

67 50.8 0.0 107.4

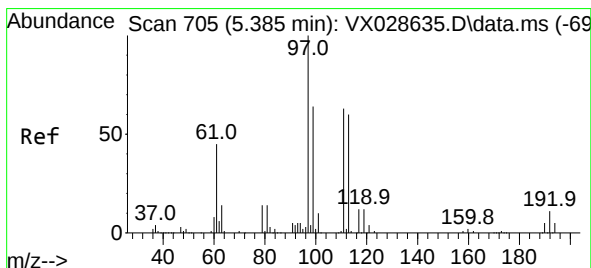
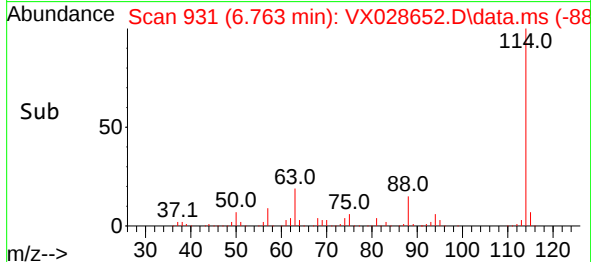
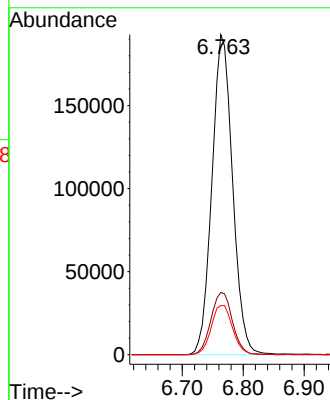
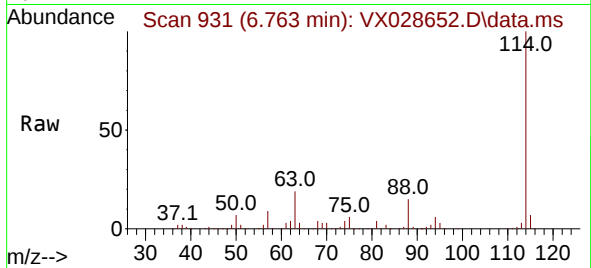




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

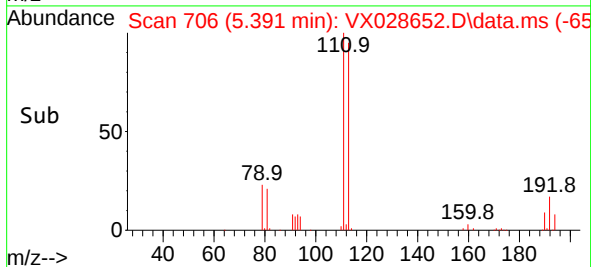
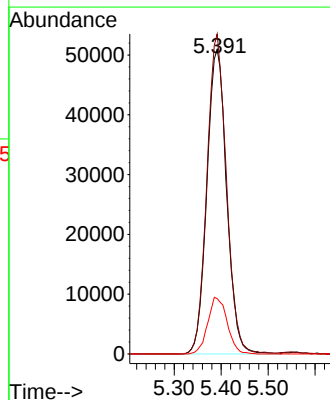
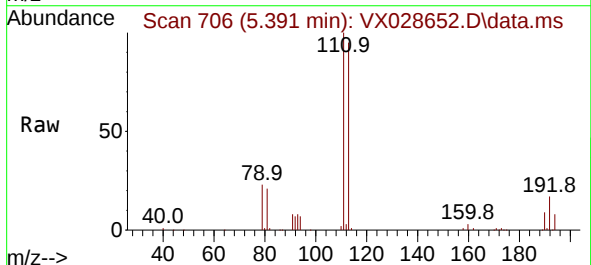
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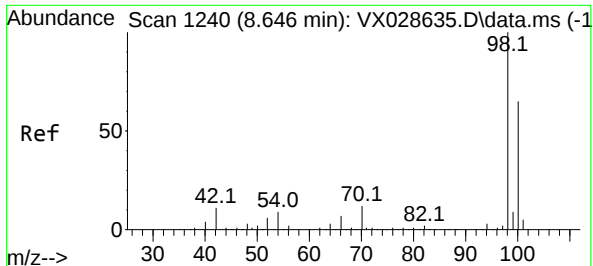
Tgt Ion:114 Resp: 453559
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.014 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion:113 Resp: 148624
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 18.3 16.9 25.3

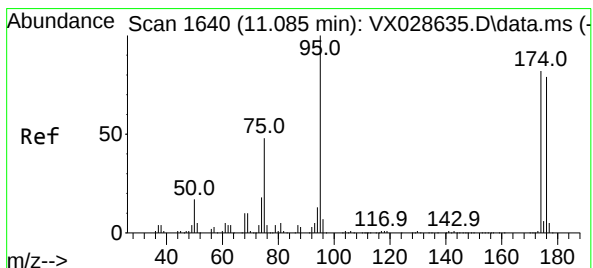
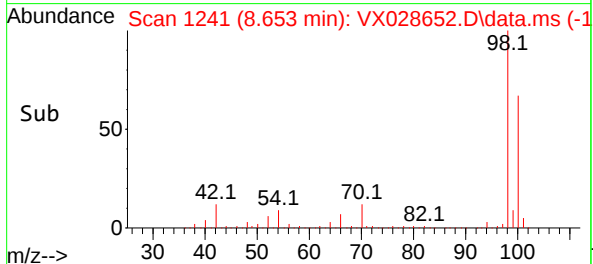
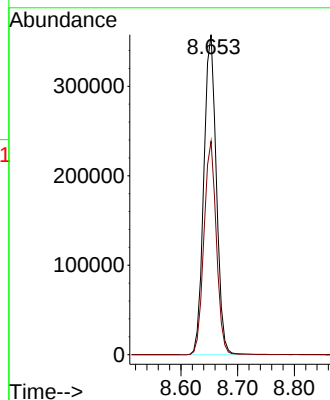
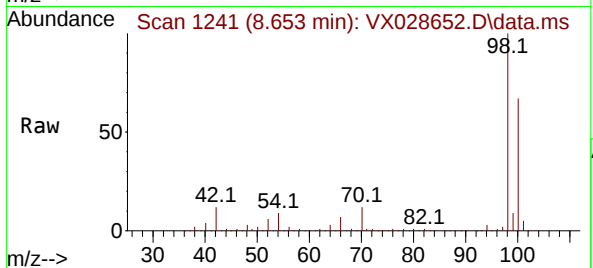




#50
Toluene-d8
Concen: 48.994 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

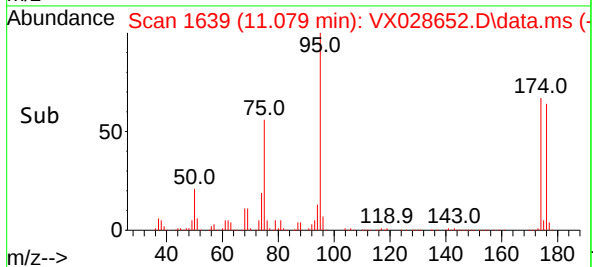
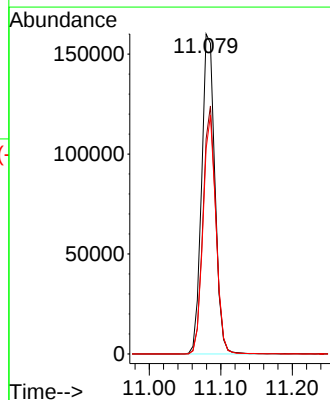
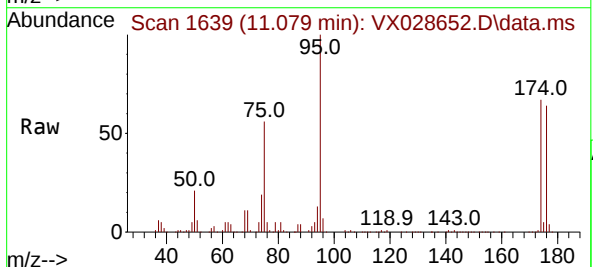
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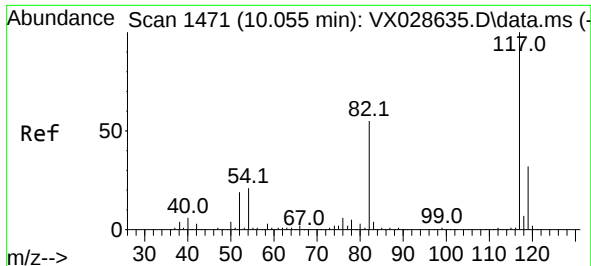
Tgt Ion: 98 Resp: 548913
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion: 95 Resp: 206088
Ion Ratio Lower Upper
95 100
174 75.0 0.0 163.0
176 72.7 0.0 155.0

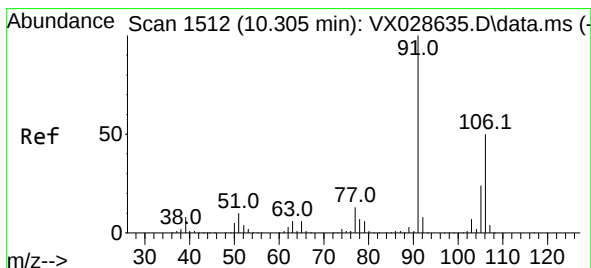
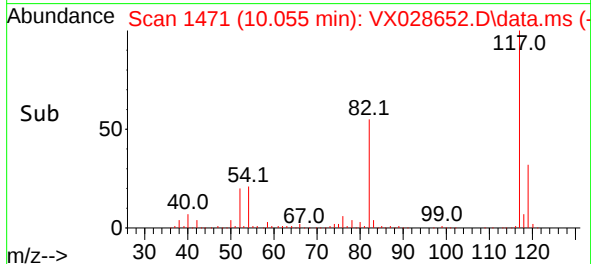
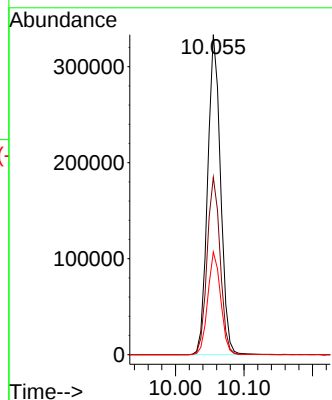
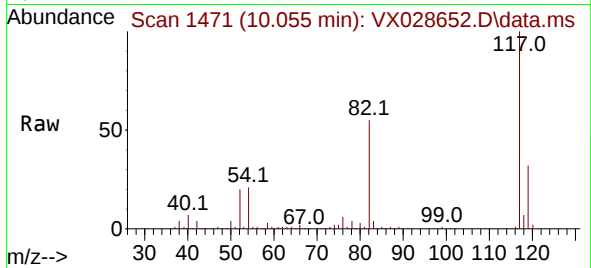




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

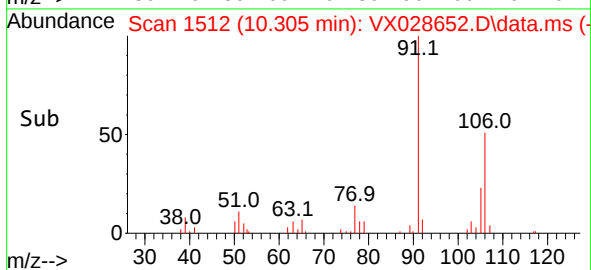
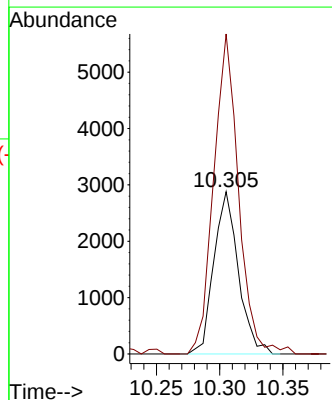
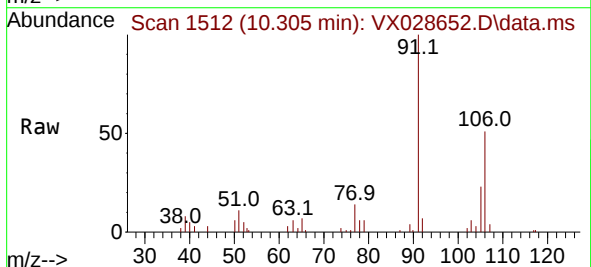
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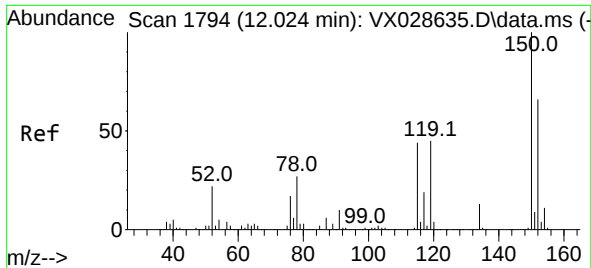
Tgt Ion:117 Resp: 437995
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.1 24.8 37.2



#68
m/p-Xylenes
Concen: 0.598 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028652.D
Acq: 12 May 2022 20:45

Tgt Ion:106 Resp: 3880
Ion Ratio Lower Upper
106 100
91 199.8 160.4 240.6

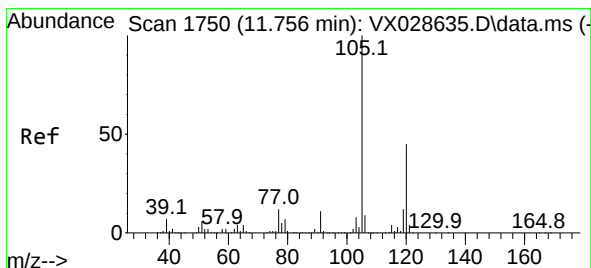
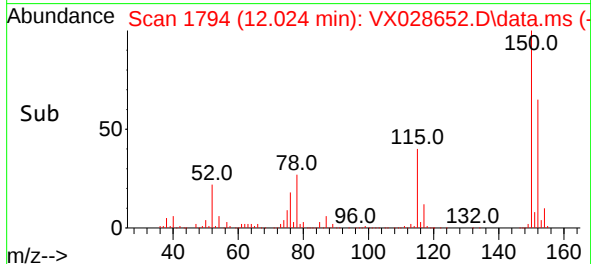
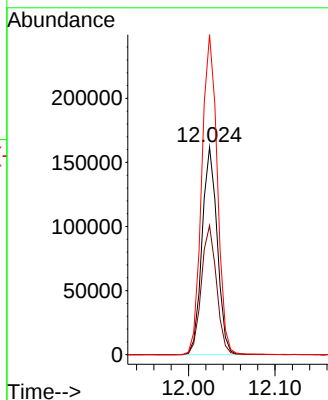
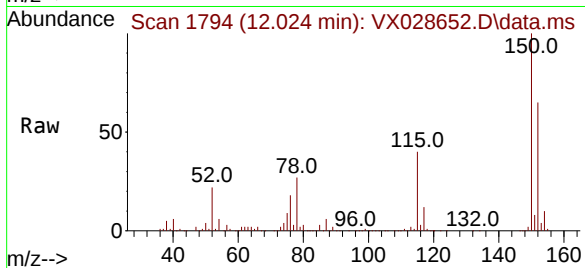




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028652.D
 Acq: 12 May 2022 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8BR

Tgt Ion:152 Resp: 197014
 Ion Ratio Lower Upper
 152 100
 115 62.4 37.5 112.7
 150 158.0 0.0 338.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.244 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX028652.D
 Acq: 12 May 2022 20:45

Tgt Ion:105 Resp: 3045
 Ion Ratio Lower Upper
 105 100
 120 48.7 22.6 67.8

