

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031216.D
 Acq On : 08 Sep 2022 17:04
 Operator : JC/MD
 Sample : N4381-10DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20DL

Quant Time: Sep 09 01:10:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

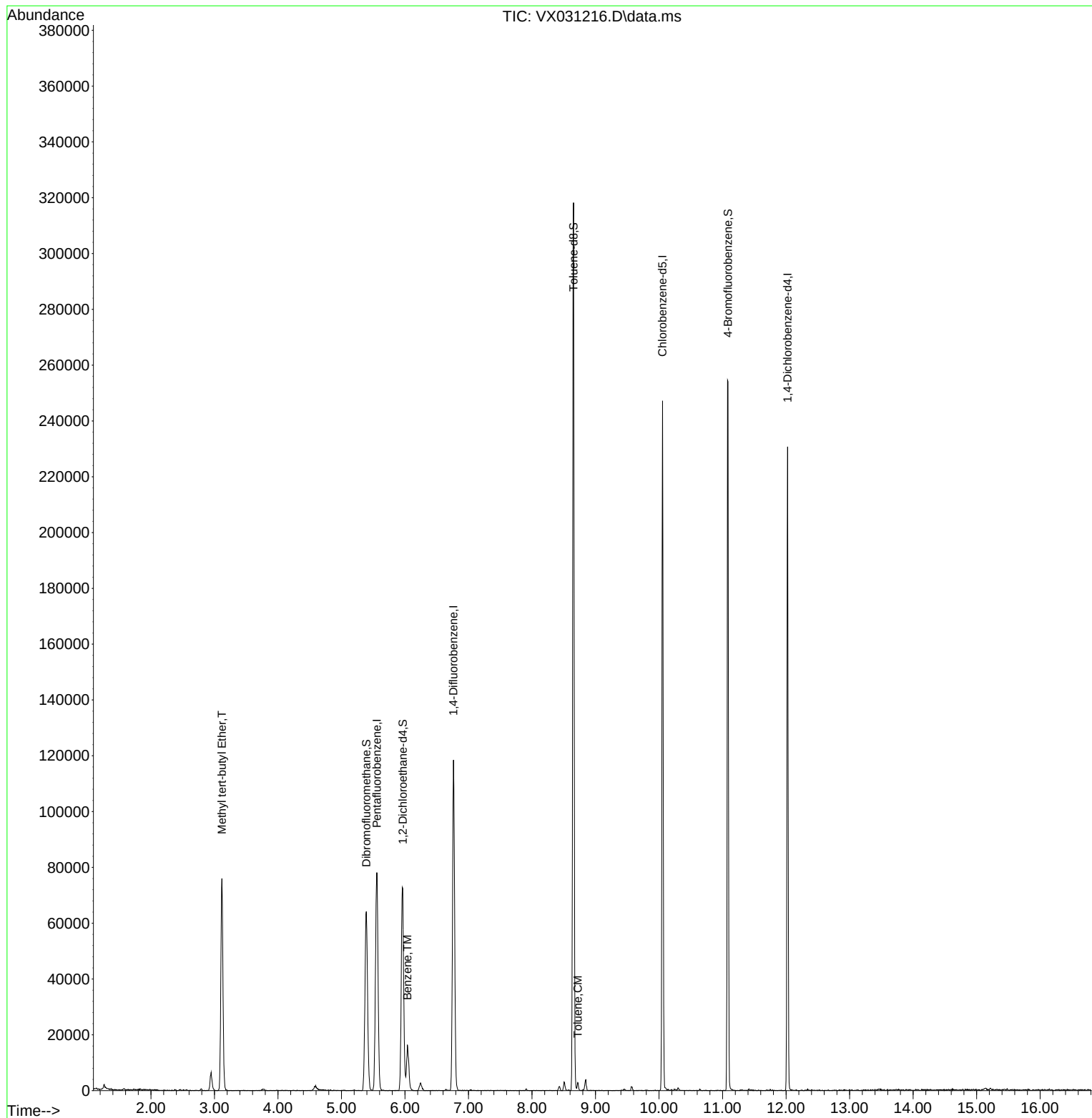
Internal Standards						
1) Pentafluorobenzene	5.556	168	63224	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	111152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	81740	54.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.220%	
35) Dibromofluoromethane	5.391	113	55688	45.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.960%	
50) Toluene-d8	8.653	98	191324	43.475	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 86.960%	
62) 4-Bromofluorobenzene	11.085	95	74044	45.912	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.820%	
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	3.117	73	89167	23.518	ug/l	# 90
40) Benzene	6.037	78	17897	3.632	ug/l	100
52) Toluene	8.720	92	1132	0.348	ug/l	89

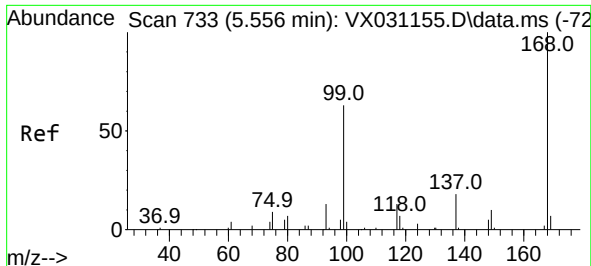
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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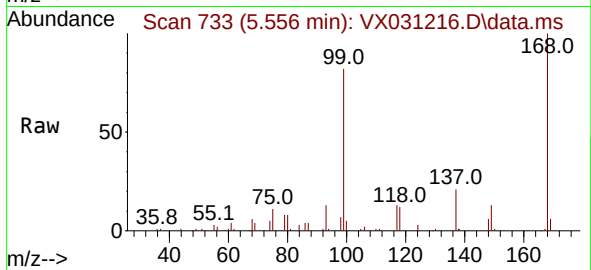
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Quant Title : SW846 8260
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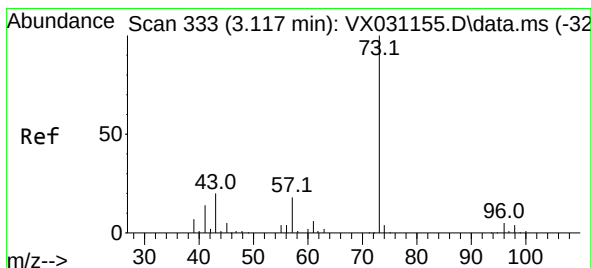
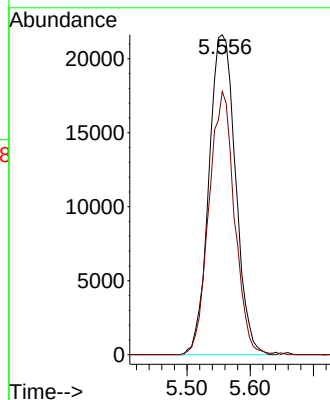
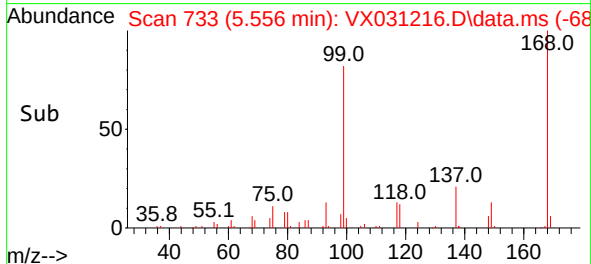


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
MW-20DL

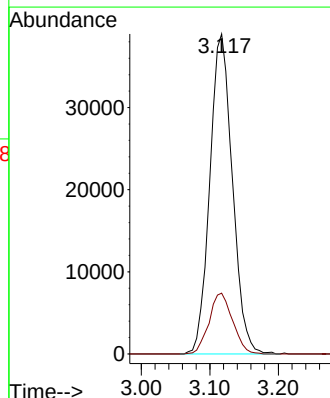
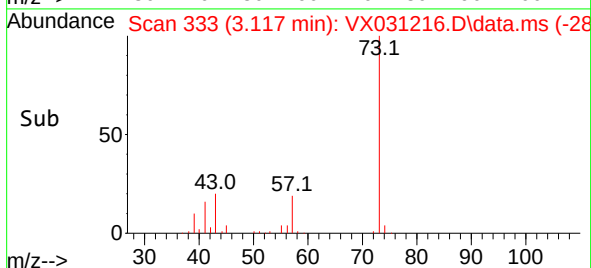
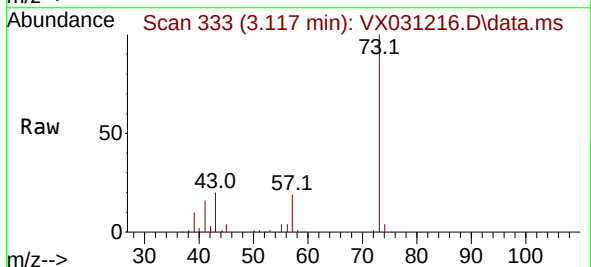


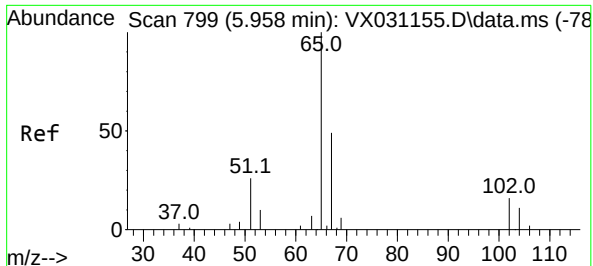
Tgt Ion:168 Resp: 63224
Ion Ratio Lower Upper
168 100
99 82.2 44.0 66.0#



#19
Methyl tert-butyl Ether
Concen: 23.518 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Tgt Ion: 73 Resp: 89167
Ion Ratio Lower Upper
73 100
57 19.0 19.0 28.6#

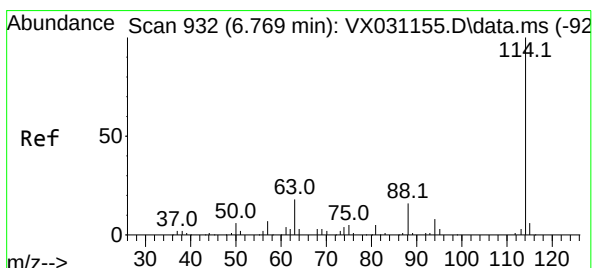
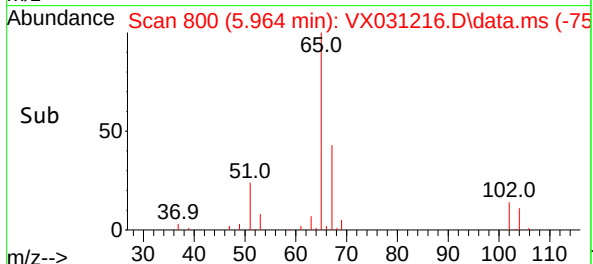
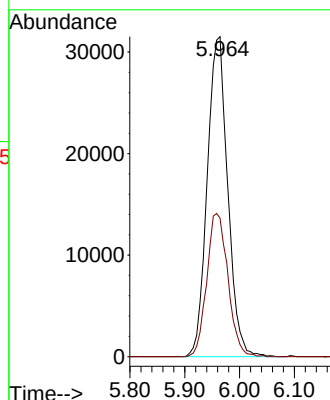
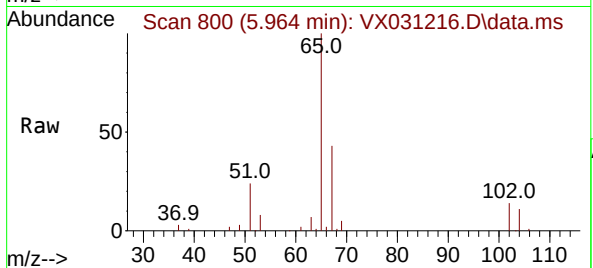




#33
 1,2-Dichloroethane-d4
 Concen: 54.608 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX031216.D
 Acq: 08 Sep 2022 17:04

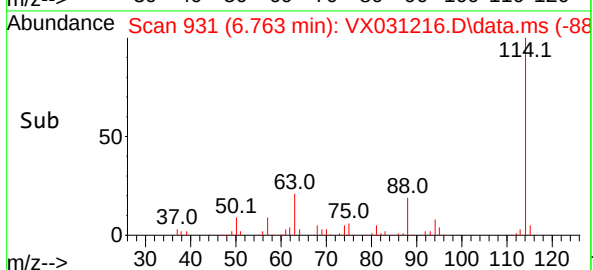
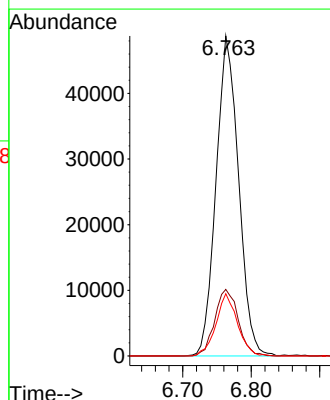
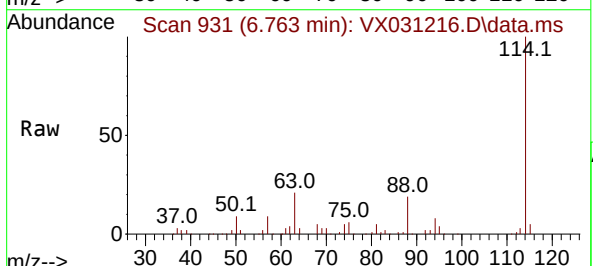
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-20DL

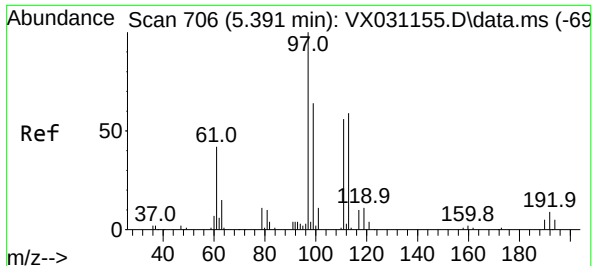
Tgt Ion: 65 Resp: 81740
 Ion Ratio Lower Upper
 65 100
 67 46.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX031216.D
 Acq: 08 Sep 2022 17:04

Tgt Ion: 114 Resp: 111152
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.4
 88 19.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.975 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031216.D

Acq: 08 Sep 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

MW-20DL

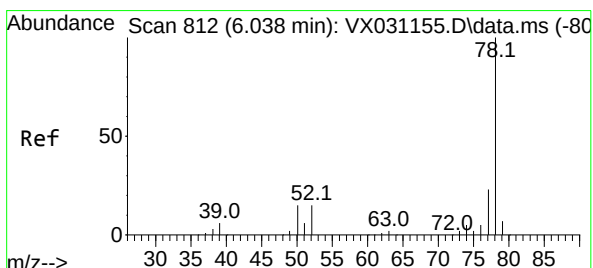
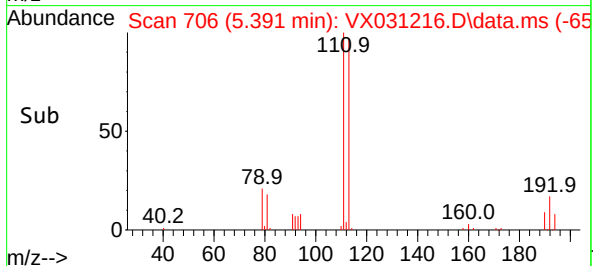
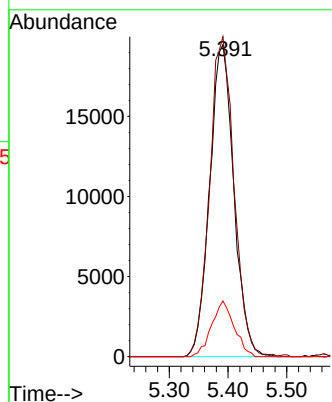
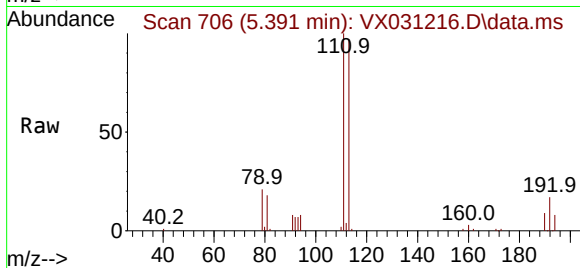
Tgt Ion:113 Resp: 55688

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

192 16.8 14.8 22.2



#40

Benzene

Concen: 3.632 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX031216.D

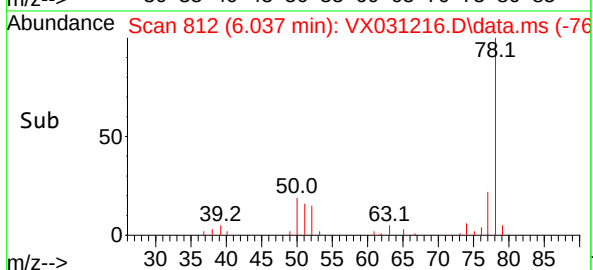
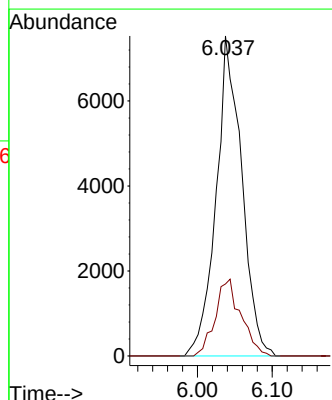
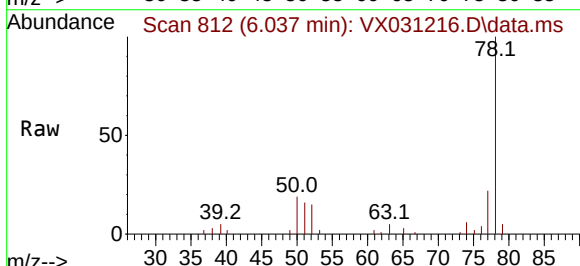
Acq: 08 Sep 2022 17:04

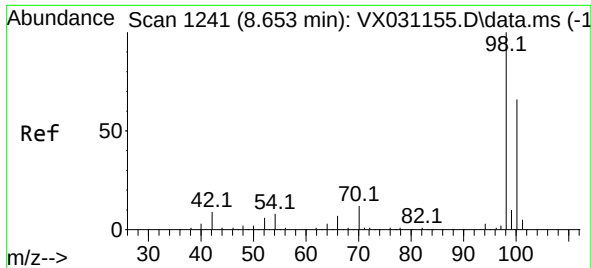
Tgt Ion: 78 Resp: 17897

Ion Ratio Lower Upper

78 100

77 22.5 18.0 27.0

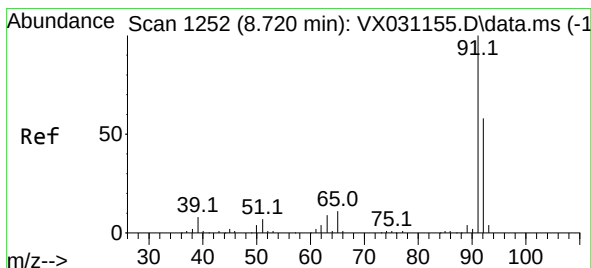
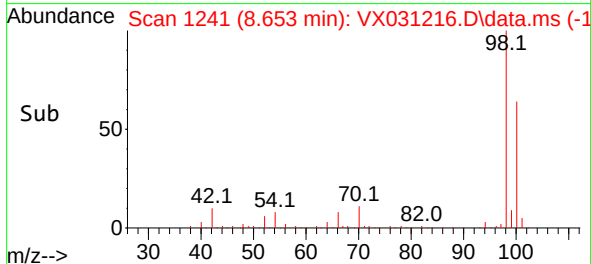
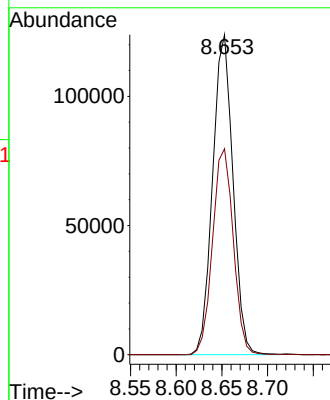
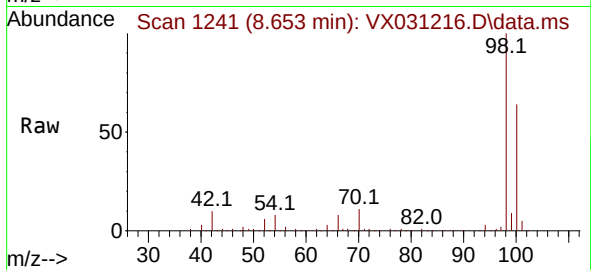




#50
Toluene-d8
Concen: 43.475 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

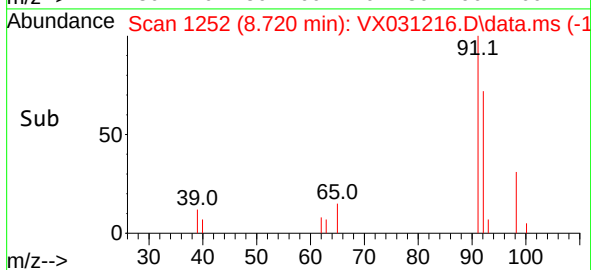
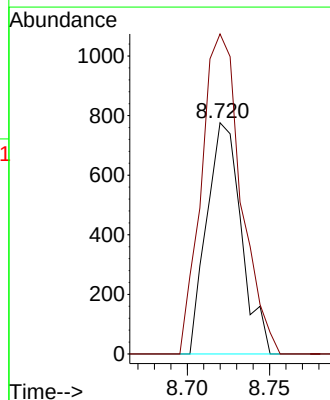
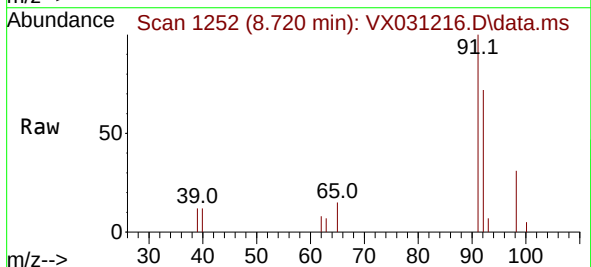
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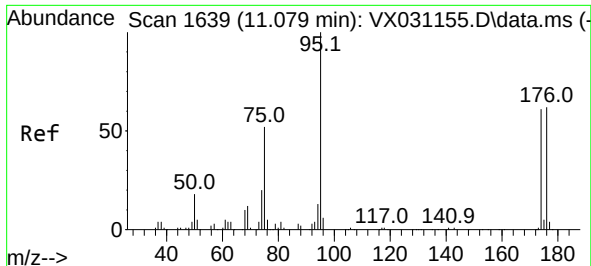
Tgt Ion: 98 Resp: 191324
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#52
Toluene
Concen: 0.348 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031216.D
Acq: 08 Sep 2022 17:04

Tgt Ion: 92 Resp: 1132
Ion Ratio Lower Upper
92 100
91 159.1 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 45.912 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX031216.D

Acq: 08 Sep 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

MW-20DL

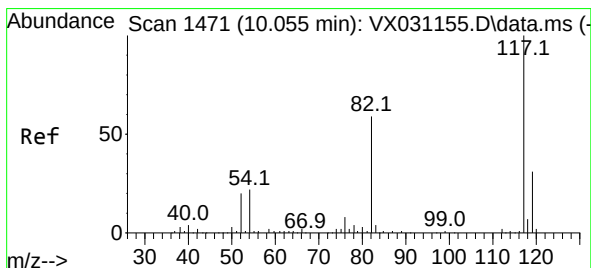
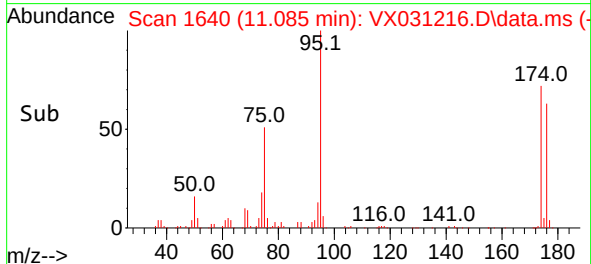
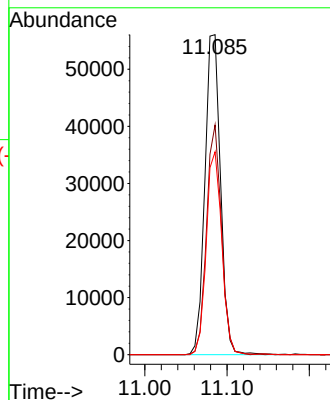
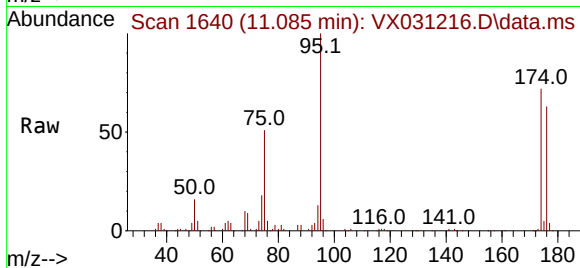
Tgt Ion: 95 Resp: 74044

Ion Ratio Lower Upper

95 100

174 68.7 0.0 149.0

176 62.9 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031216.D

Acq: 08 Sep 2022 17:04

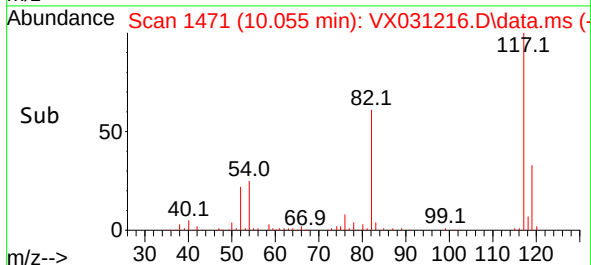
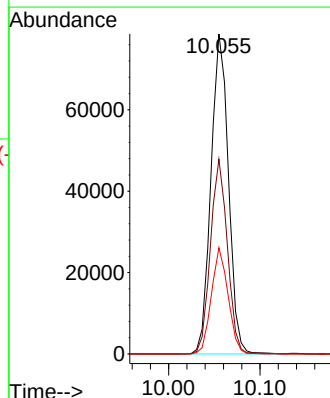
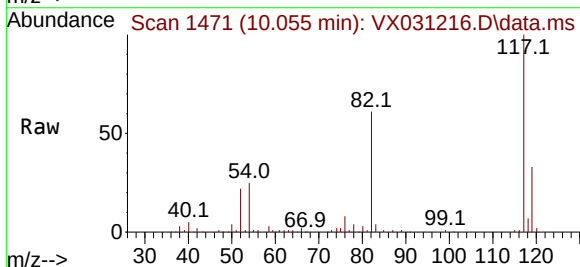
Tgt Ion: 117 Resp: 104200

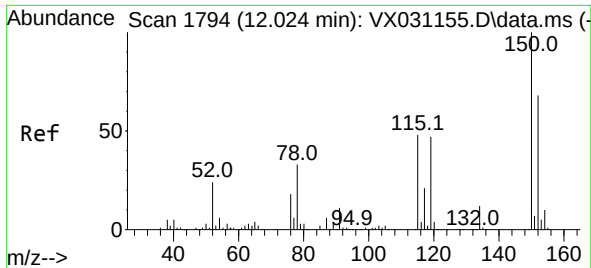
Ion Ratio Lower Upper

117 100

82 60.9 42.7 64.1

119 33.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031216.D

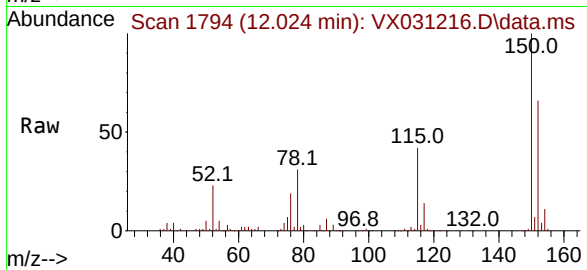
Acq: 08 Sep 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

MW-20DL



Tgt Ion:152 Resp: 45004

Ion Ratio Lower Upper

152 100

115 67.2 40.5 121.5

150 152.9 0.0 347.0

