

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031217.D
 Acq On : 08 Sep 2022 17:27
 Operator : JC/MD
 Sample : N4381-12DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-43DL

Quant Time: Sep 09 01:10:32 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)

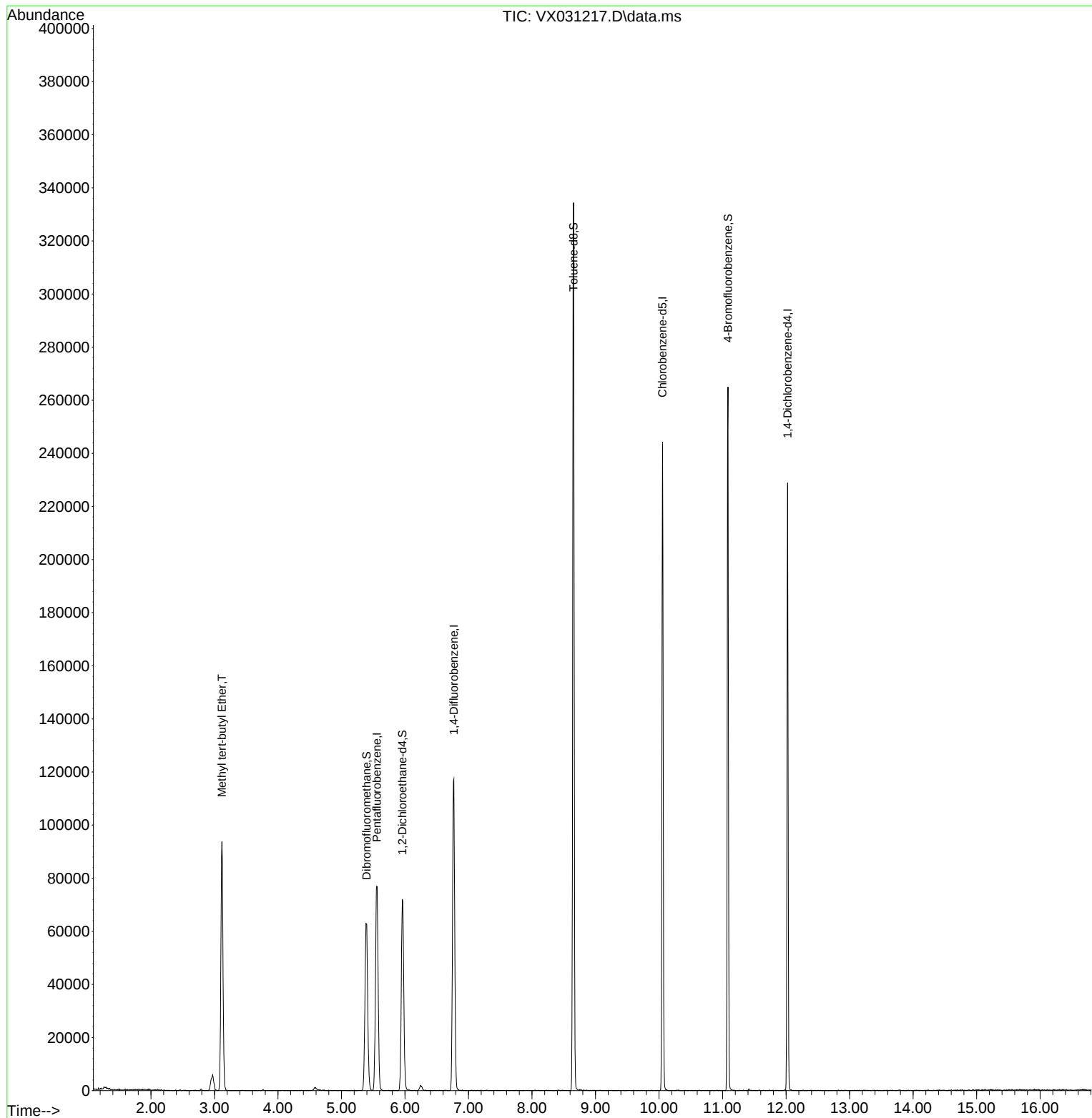
Internal Standards						
1) Pentafluorobenzene	5.556	168	64563	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	119985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81877	53.565	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.120%
35) Dibromofluoromethane	5.397	113	57212	43.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.520%
50) Toluene-d8	8.653	98	197825	41.643	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	83.280%#
62) 4-Bromofluorobenzene	11.085	95	73408	42.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.340%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	109568	28.300	ug/l	# 86

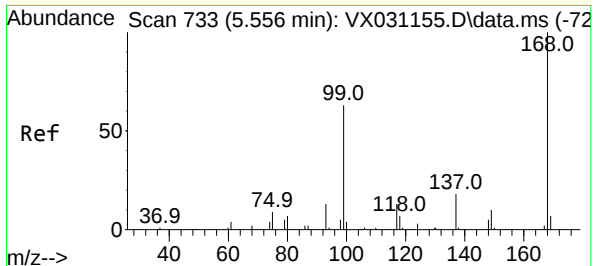
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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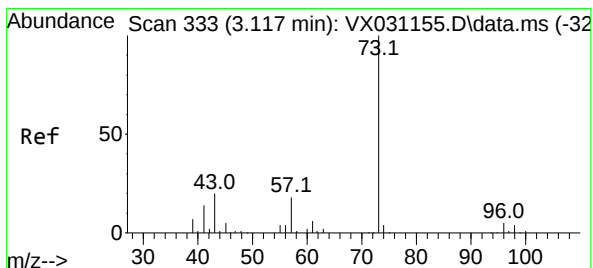
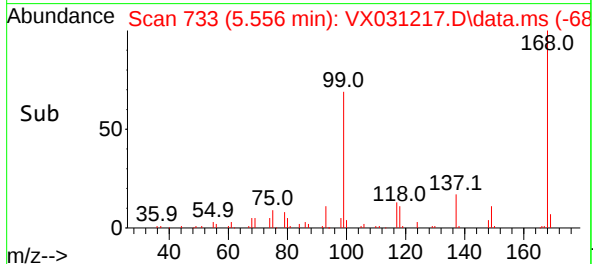
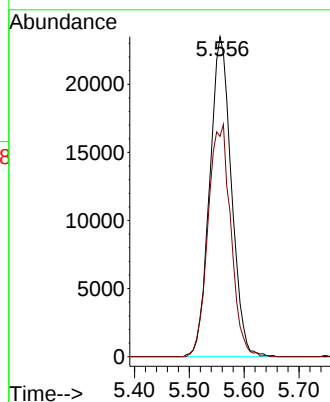
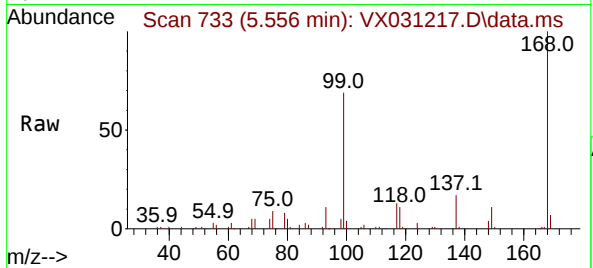




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

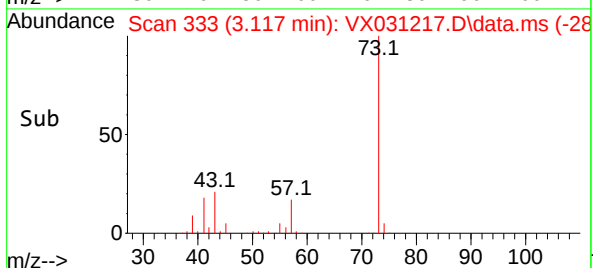
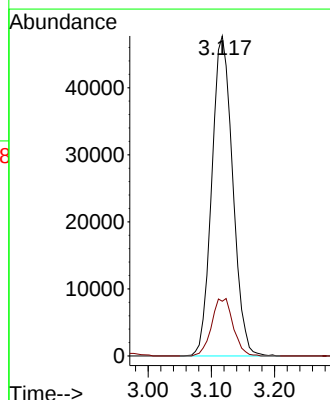
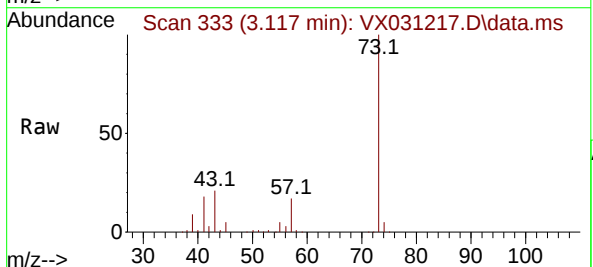
Instrument :
MSVOA_X
ClientSampleId :
MW-43DL

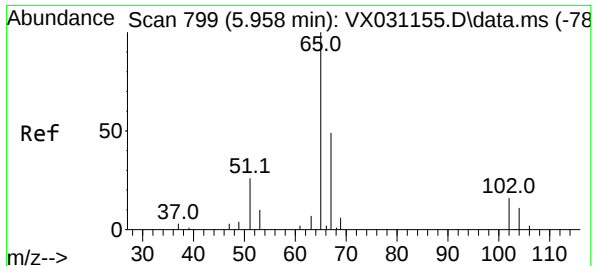
Tgt Ion:168 Resp: 64563
Ion Ratio Lower Upper
168 100
99 68.9 44.0 66.0#



#19
Methyl tert-butyl Ether
Concen: 28.300 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 73 Resp: 109568
Ion Ratio Lower Upper
73 100
57 17.1 19.0 28.6#





#33

1,2-Dichloroethane-d4

Concen: 53.565 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

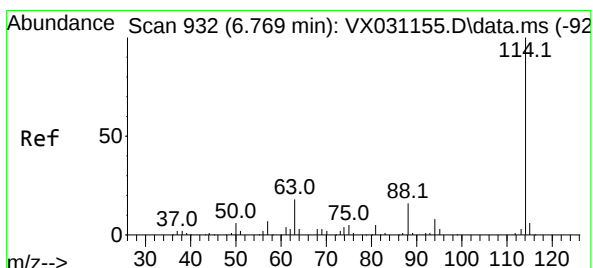
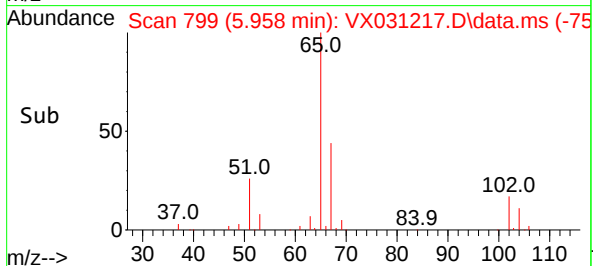
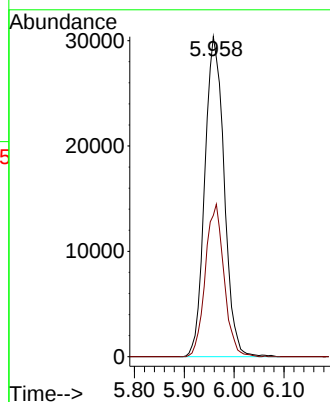
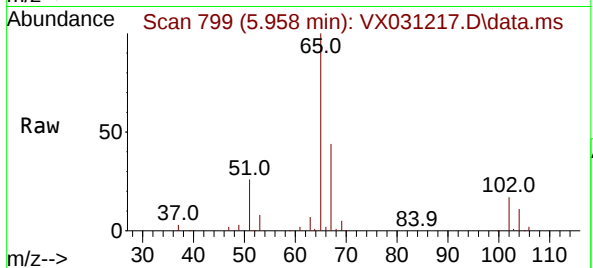
MW-43DL

Tgt Ion: 65 Resp: 81877

Ion Ratio Lower Upper

65 100

67 46.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

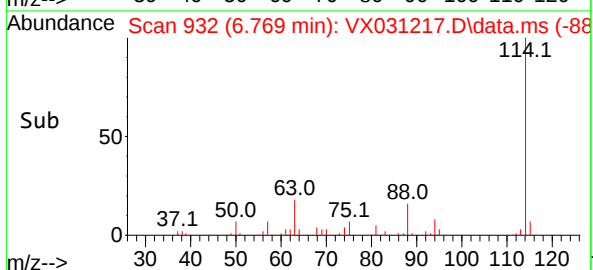
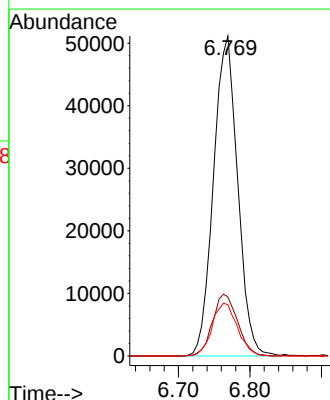
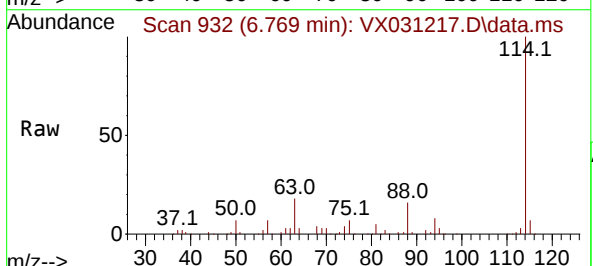
Tgt Ion: 114 Resp: 119985

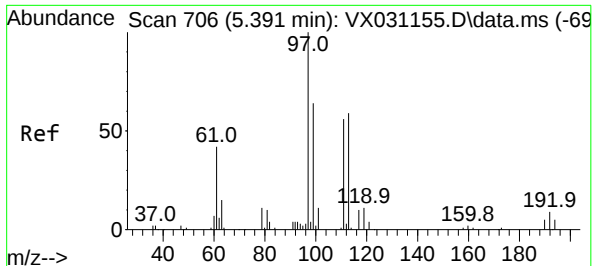
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.756 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

MW-43DL

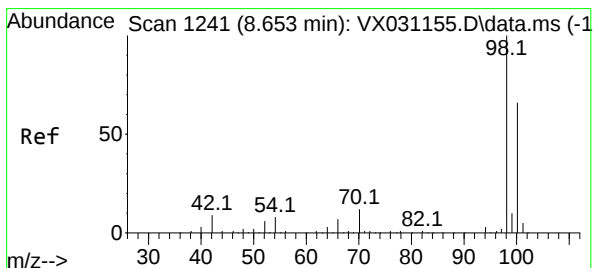
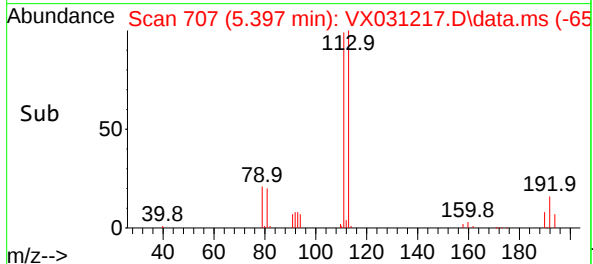
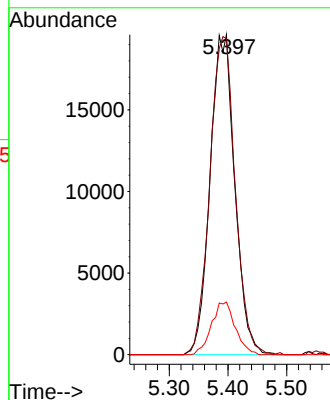
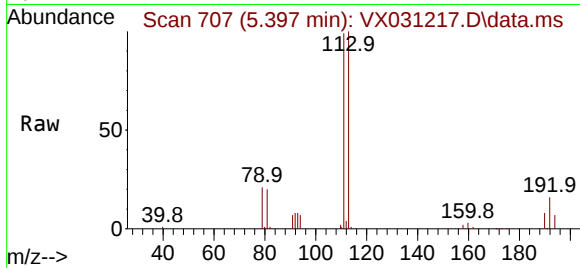
Tgt Ion:113 Resp: 57212

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 15.8 14.8 22.2



#50

Toluene-d8

Concen: 41.643 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031217.D

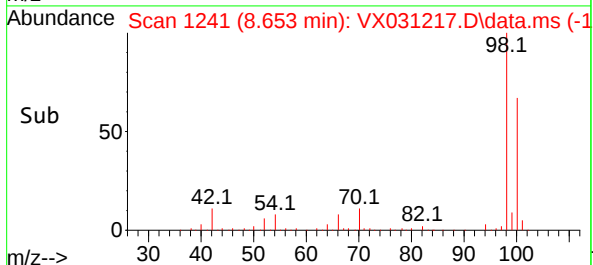
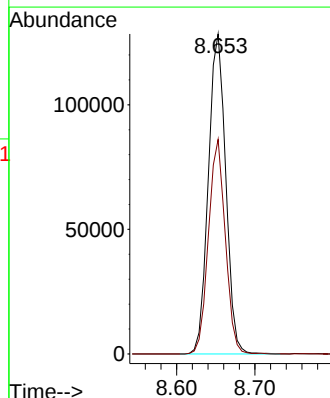
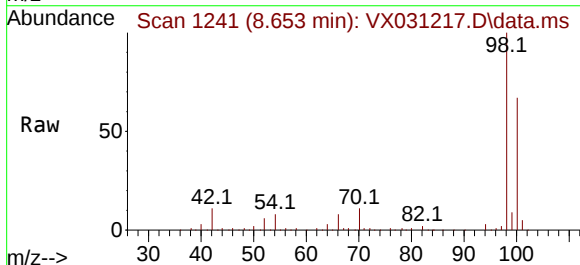
Acq: 08 Sep 2022 17:27

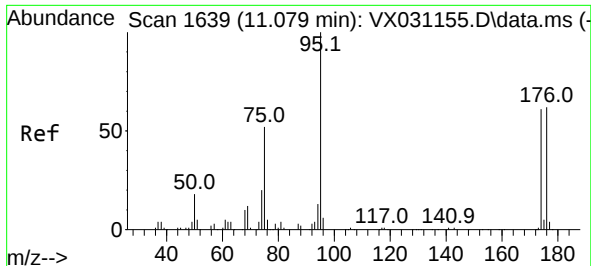
Tgt Ion: 98 Resp: 197825

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 42.167 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

MW-43DL

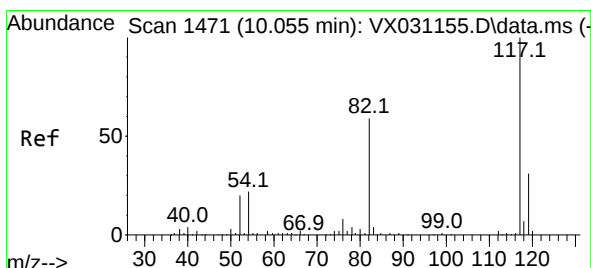
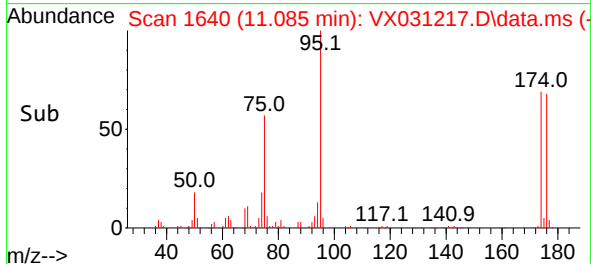
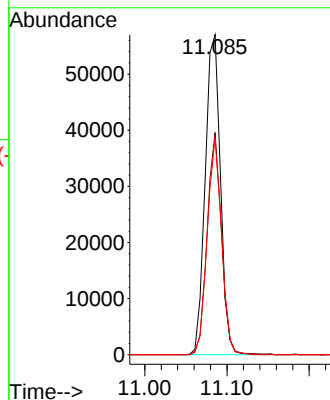
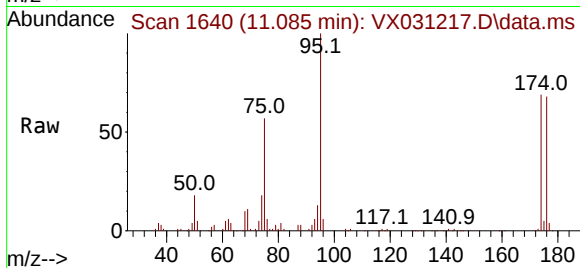
Tgt Ion: 95 Resp: 73408

Ion Ratio Lower Upper

95 100

174 65.2 0.0 149.0

176 63.7 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: VX031217.D

Acq: 08 Sep 2022 17:27

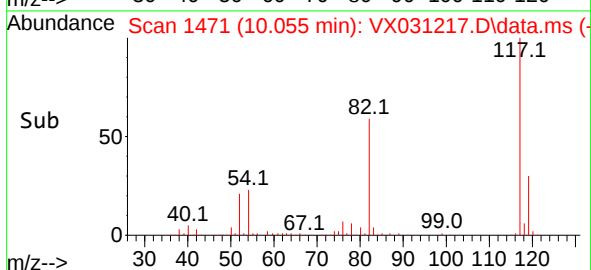
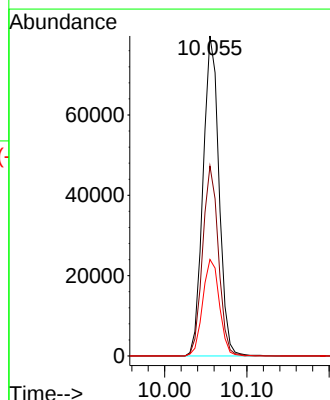
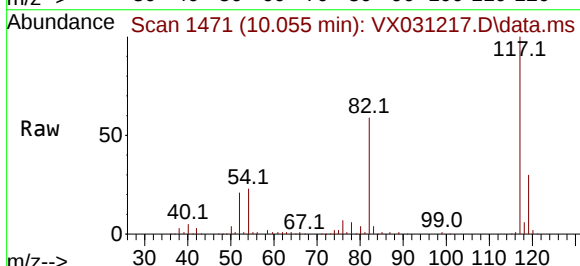
Tgt Ion: 117 Resp: 107293

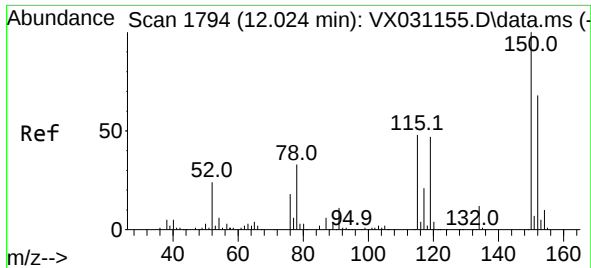
Ion Ratio Lower Upper

117 100

82 59.3 42.7 64.1

119 30.2 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: VX031217.D

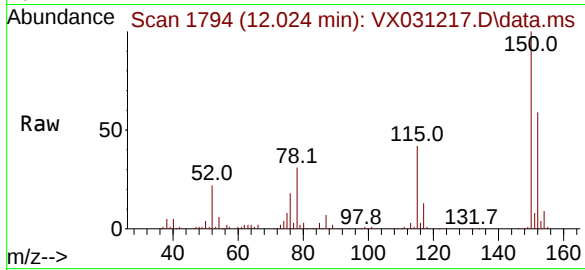
Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

MW-43DL



Tgt Ion:152 Resp: 41909

Ion Ratio Lower Upper

152 100

115 70.7 40.5 121.5

150 159.4 0.0 347.0

