

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038067.D
 Acq On : 04 Oct 2023 15:58
 Operator : JC/MD
 Sample : 04656-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101D

Quant Time: Oct 05 01:03:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

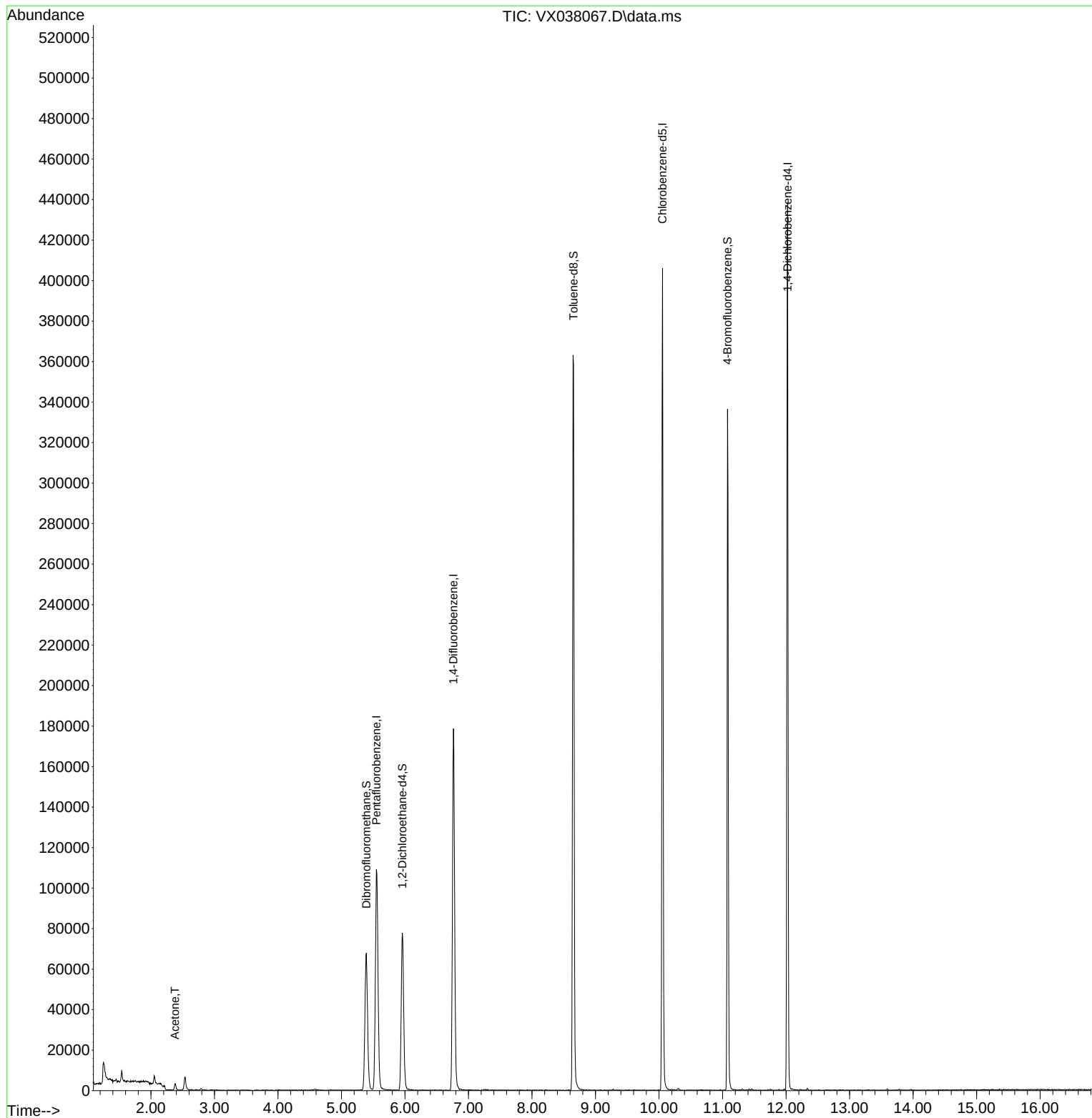
Internal Standards						
1) Pentafluorobenzene	5.550	168	101694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75277	47.574	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.140%
35) Dibromofluoromethane	5.391	113	57326	46.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	8.653	98	226414	48.320	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.640%
62) 4-Bromofluorobenzene	11.079	95	82031	48.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.200%
Target Compounds						
16) Acetone	2.380	43	3480	5.008	ug/l	Qvalue 92

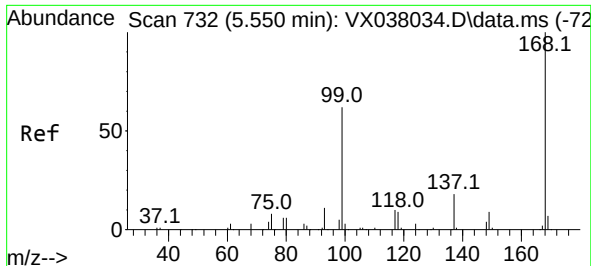
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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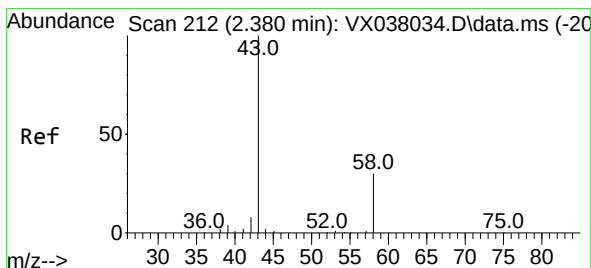
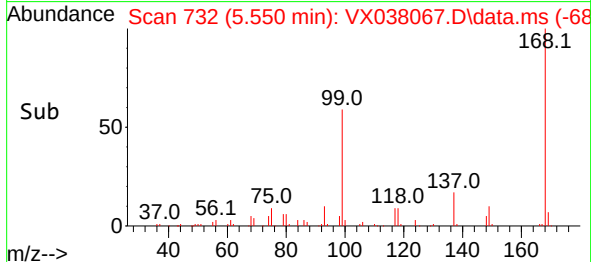
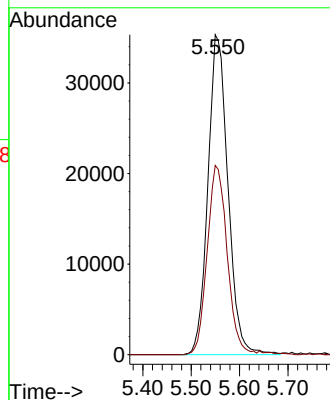
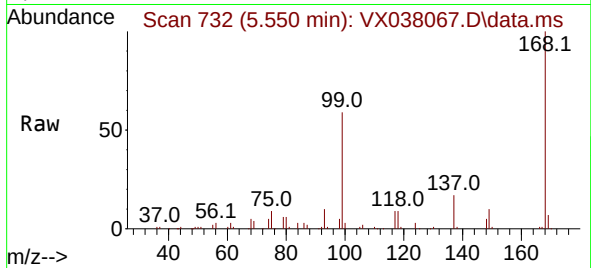




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

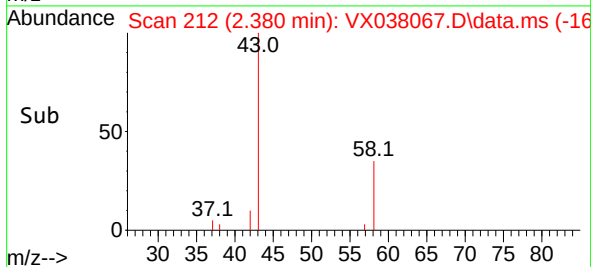
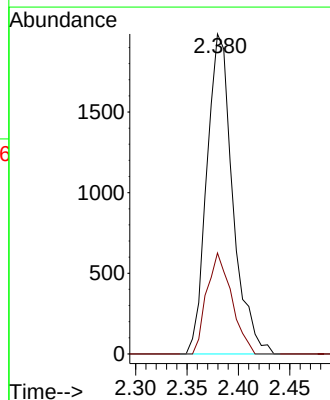
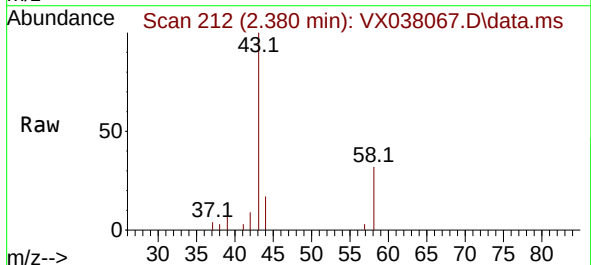
Instrument :
MSVOA_X
ClientSampleId :
MW-101D

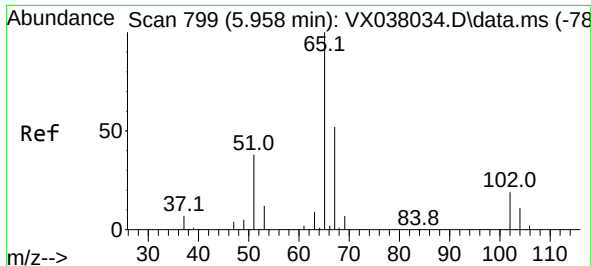
Tgt Ion:168 Resp: 101694
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#16
Acetone
Concen: 5.008 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038067.D
Acq: 04 Oct 2023 15:58

Tgt Ion: 43 Resp: 3480
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 47.574 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038067.D

Acq: 04 Oct 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

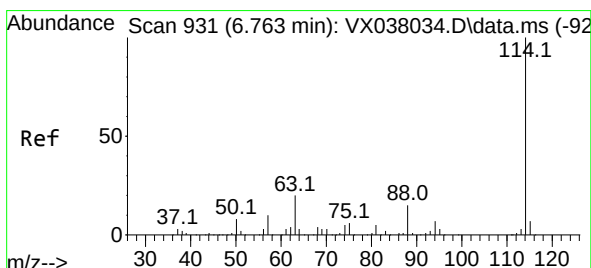
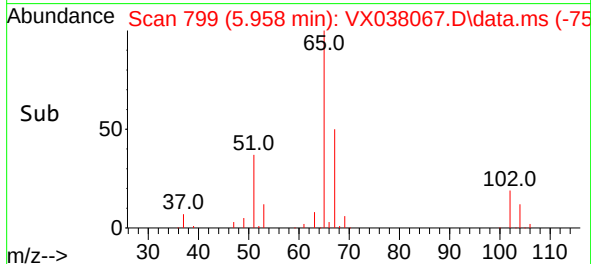
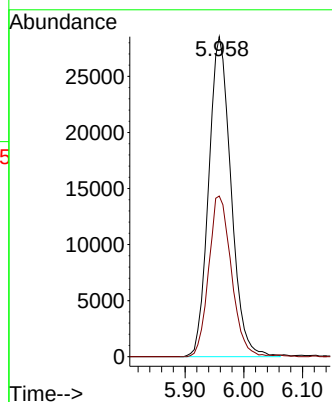
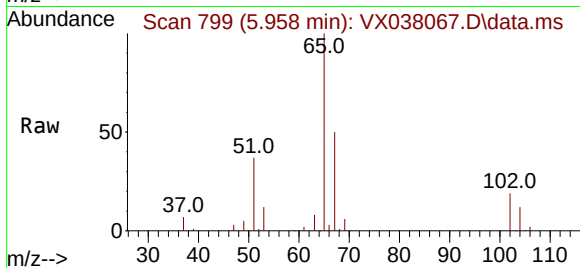
MW-101D

Tgt Ion: 65 Resp: 75277

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038067.D

Acq: 04 Oct 2023 15:58

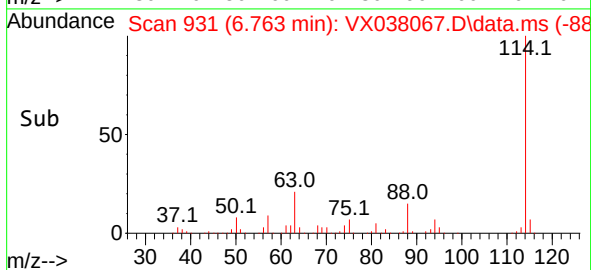
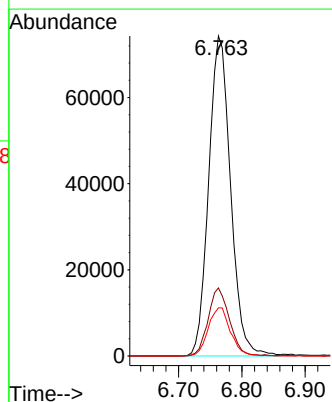
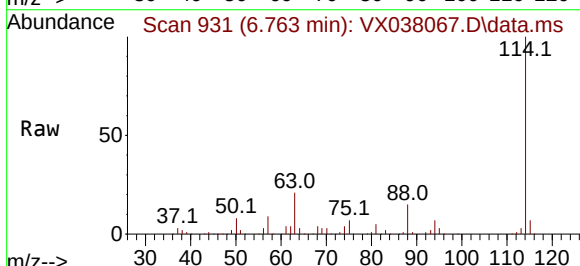
Tgt Ion: 114 Resp: 178471

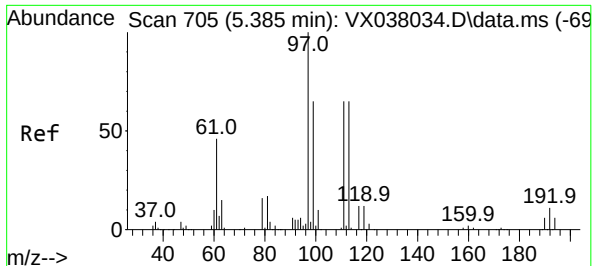
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.820 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038067.D

Acq: 04 Oct 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-101D

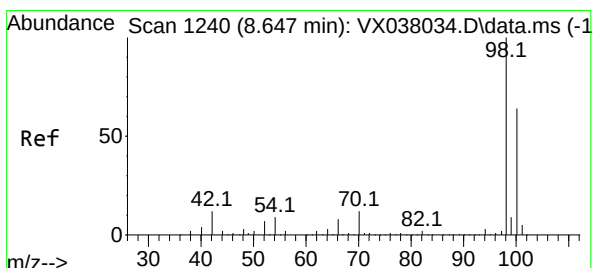
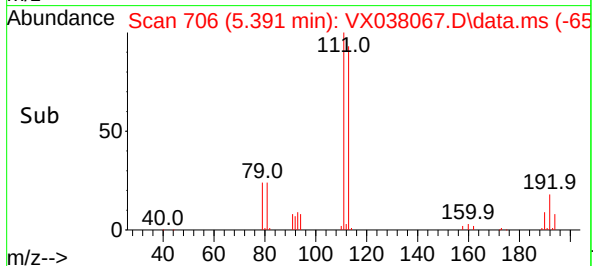
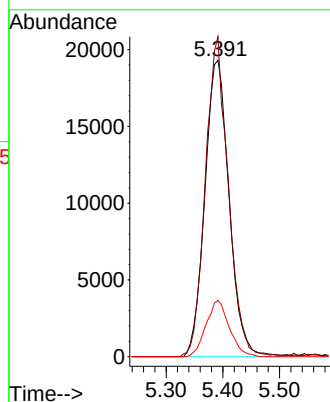
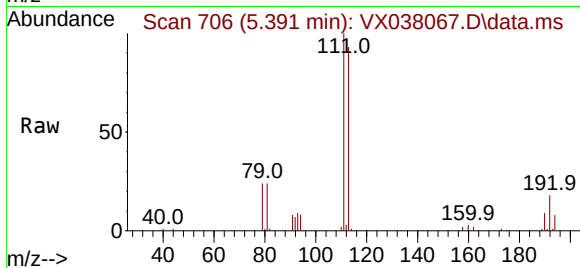
Tgt Ion:113 Resp: 57326

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 18.2 13.3 19.9



#50

Toluene-d8

Concen: 48.320 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX038067.D

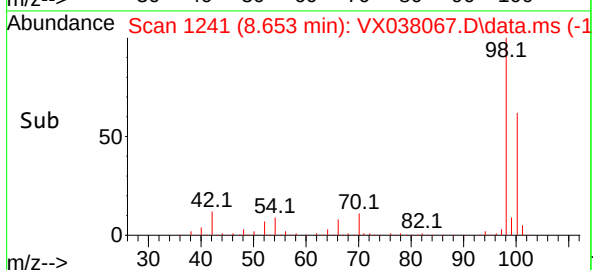
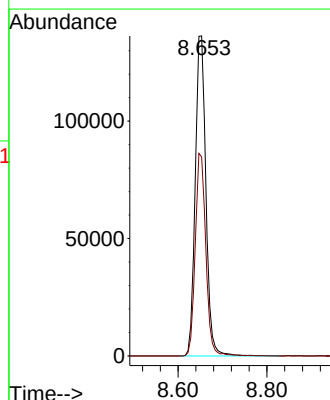
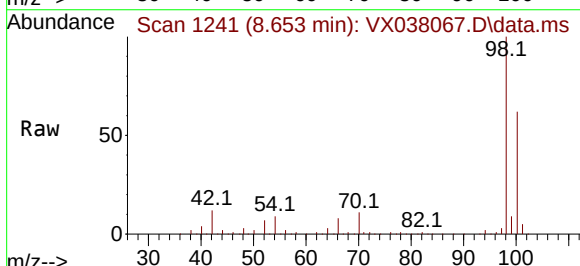
Acq: 04 Oct 2023 15:58

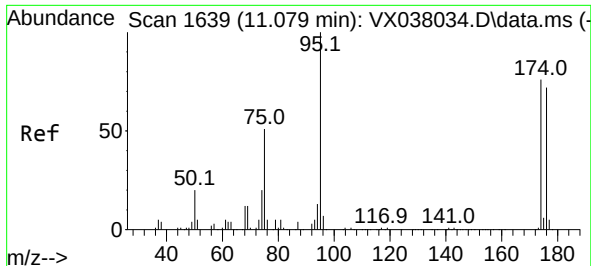
Tgt Ion: 98 Resp: 226414

Ion Ratio Lower Upper

98 100

100 62.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.103 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038067.D

Acq: 04 Oct 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-101D

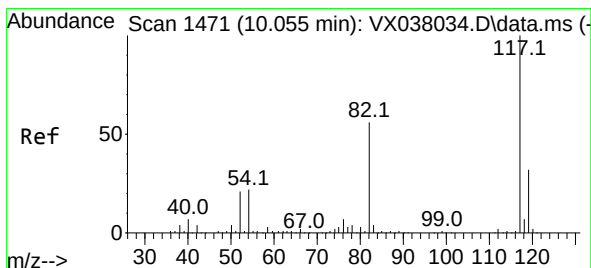
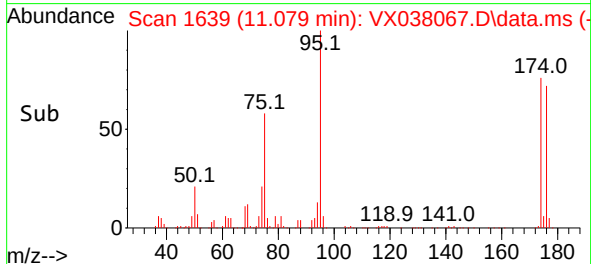
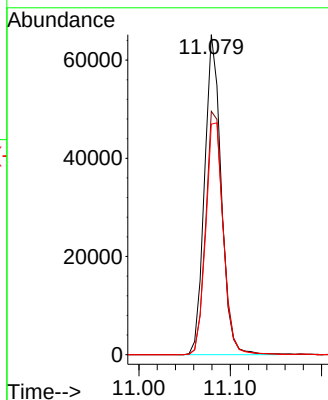
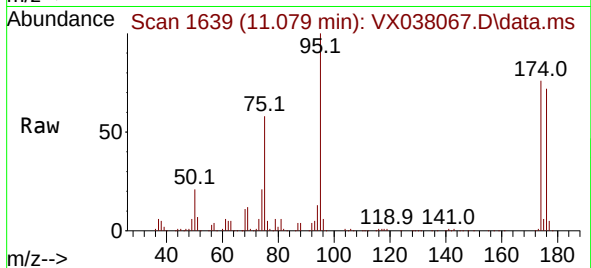
Tgt Ion: 95 Resp: 82031

Ion Ratio Lower Upper

95 100

174 79.9 0.0 135.6

176 76.9 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038067.D

Acq: 04 Oct 2023 15:58

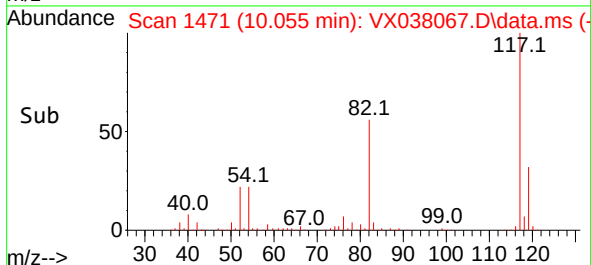
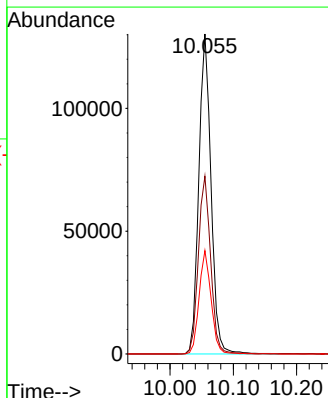
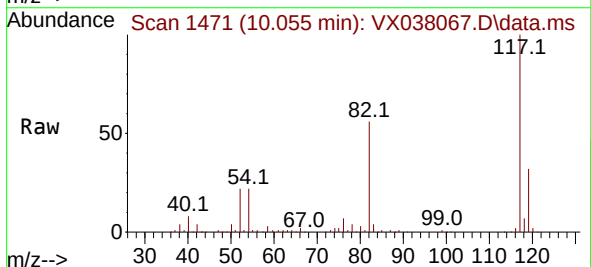
Tgt Ion: 117 Resp: 175311

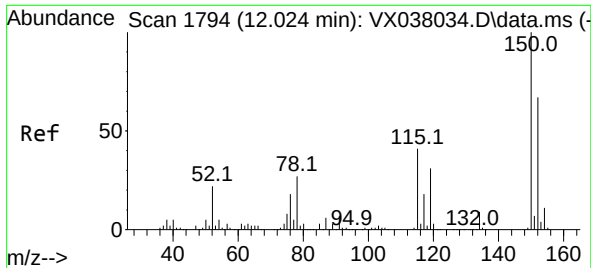
Ion Ratio Lower Upper

117 100

82 55.5 46.2 69.4

119 32.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038067.D

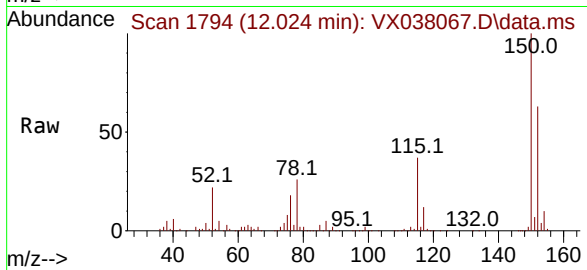
Acq: 04 Oct 2023 15:58

Instrument :

MSVOA_X

ClientSampleId :

MW-101D



Tgt Ion:152 Resp: 89072

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 157.5 0.0 345.0

