

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078097.D
 Acq On : 07 Jun 2023 12:40
 Operator : JC\MD
 Sample : 03047-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-07

Quant Time: Jun 08 05:27:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	379867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	715488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	604602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	166800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	262317	51.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.580%
35) Dibromofluoromethane	8.177	113	227799	50.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.700%
50) Toluene-d8	10.571	98	861010	49.369	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.853	95	236650	43.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%

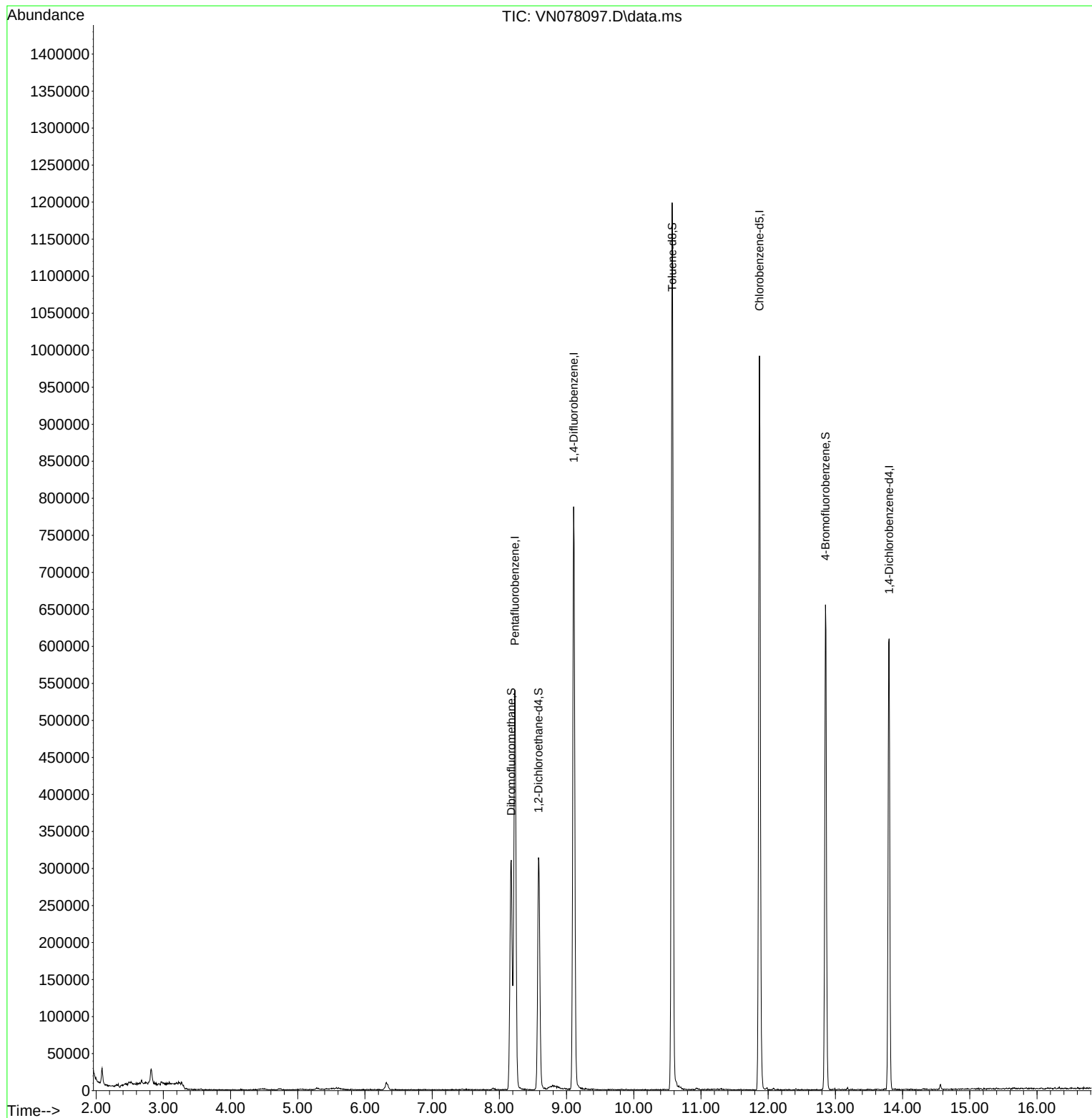
Target Compounds	Qvalue

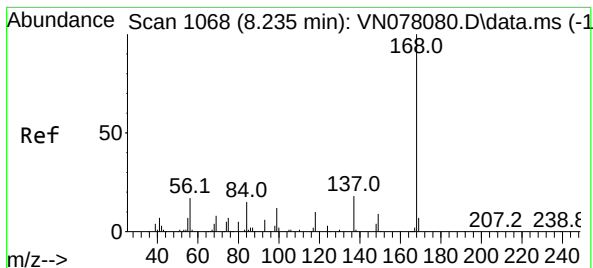
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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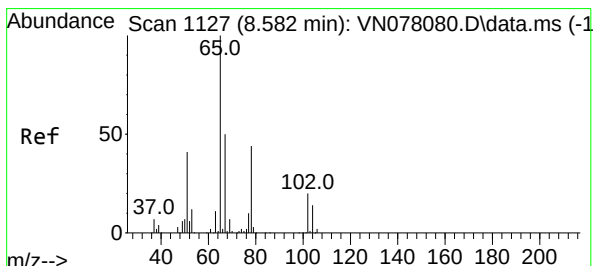
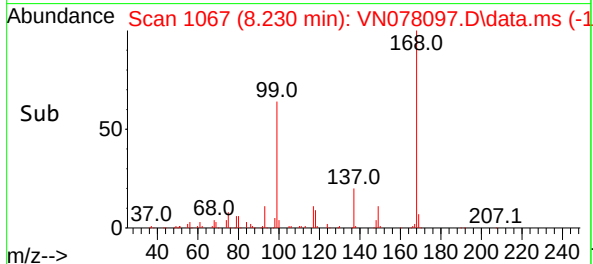
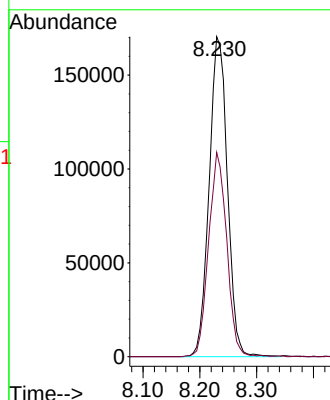
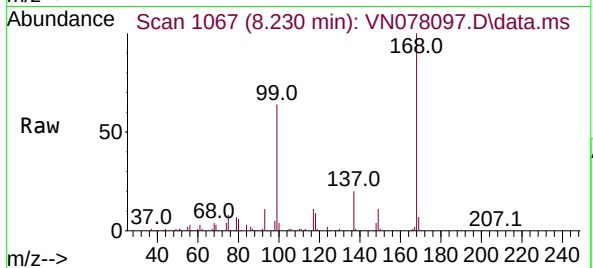




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078097.D
Acq: 07 Jun 2023 12:40

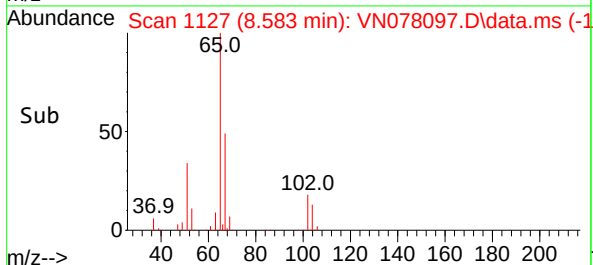
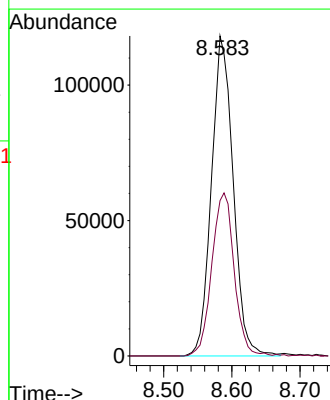
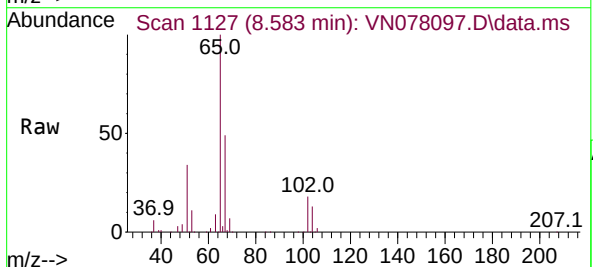
Instrument :
MSVOA_N
ClientSampleId :
TWP-07

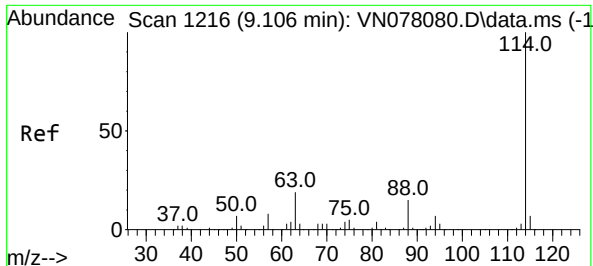
Tgt Ion:168 Resp: 379867
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.792 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078097.D
Acq: 07 Jun 2023 12:40

Tgt Ion: 65 Resp: 262317
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078097.D

Acq: 07 Jun 2023 12:40

Instrument :

MSVOA_N

ClientSampleId :

TWP-07

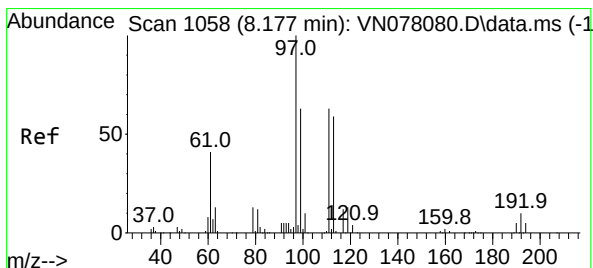
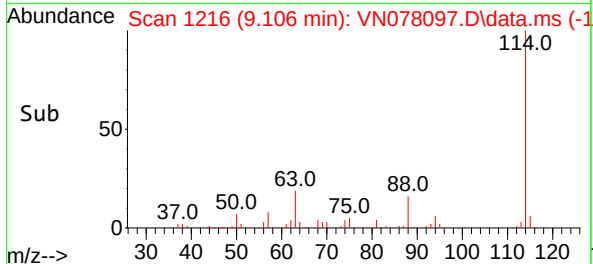
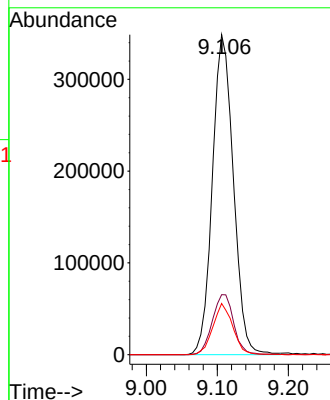
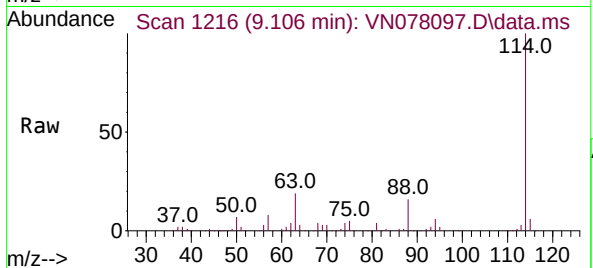
Tgt Ion:114 Resp: 715488

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.354 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078097.D

Acq: 07 Jun 2023 12:40

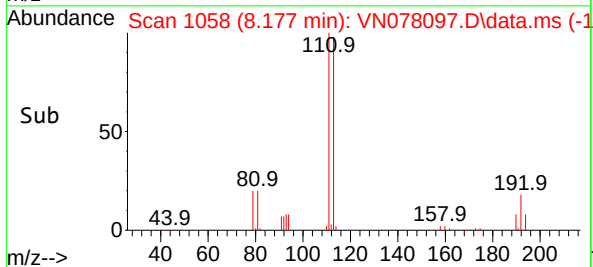
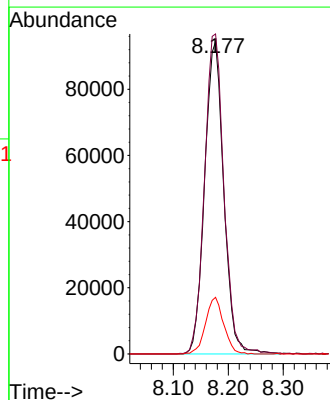
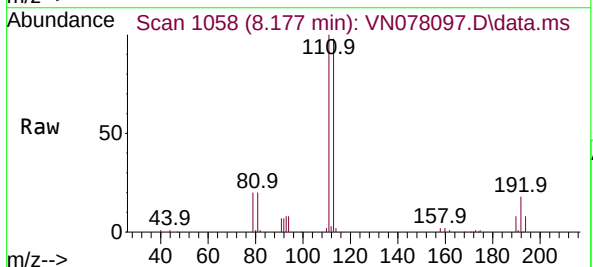
Tgt Ion:113 Resp: 227799

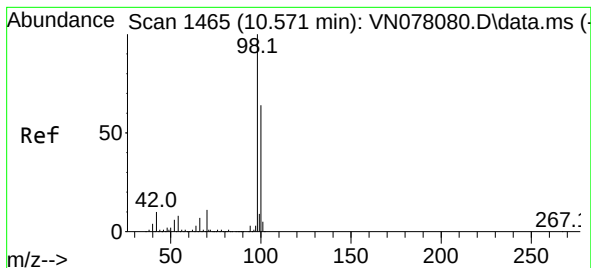
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.2 12.7 19.1





#50

Toluene-d8

Concen: 49.369 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078097.D

Acq: 07 Jun 2023 12:40

Instrument :

MSVOA_N

ClientSampleId :

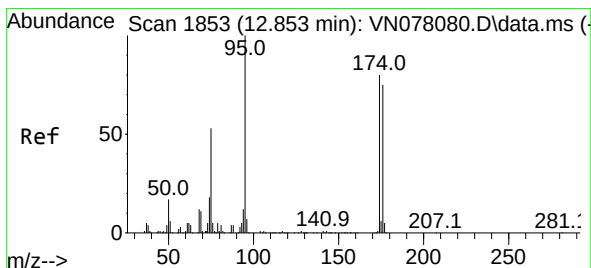
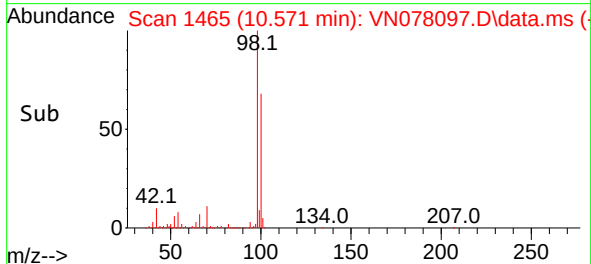
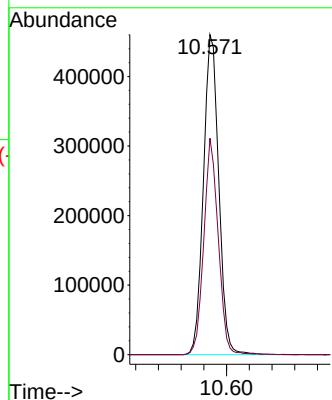
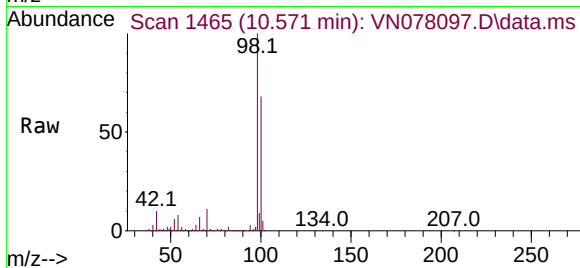
TWP-07

Tgt Ion: 98 Resp: 861010

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.648 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078097.D

Acq: 07 Jun 2023 12:40

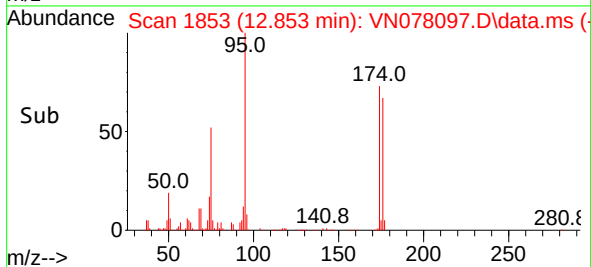
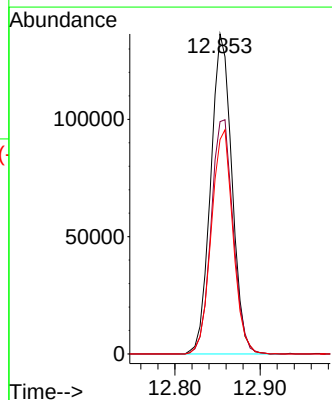
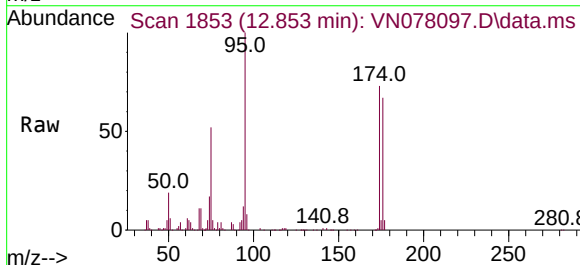
Tgt Ion: 95 Resp: 236650

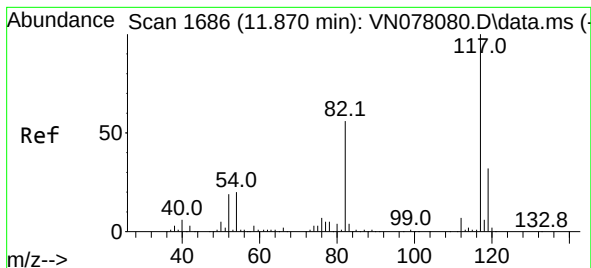
Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.8

176 71.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078097.D

Acq: 07 Jun 2023 12:40

Instrument :

MSVOA_N

ClientSampleId :

TWP-07

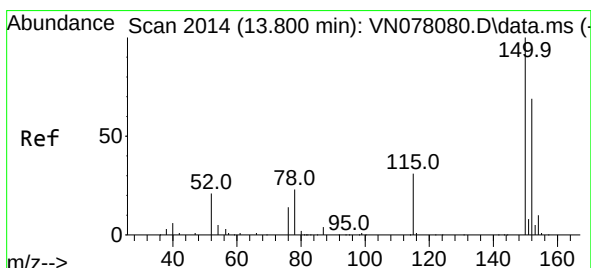
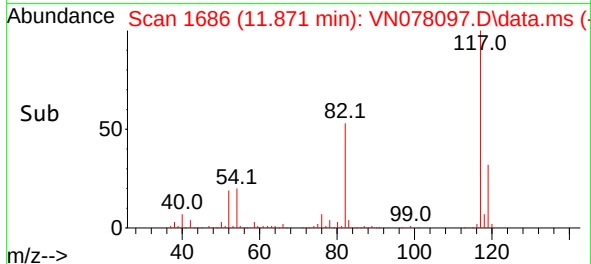
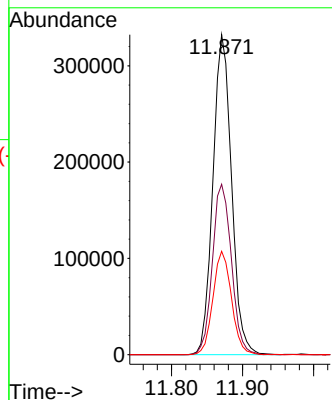
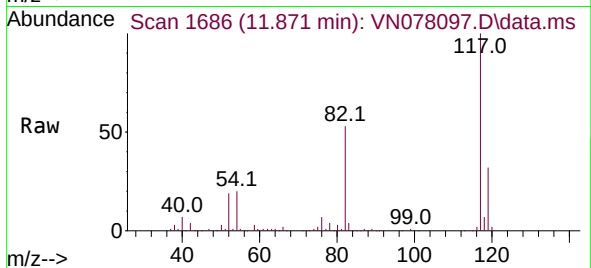
Tgt Ion:117 Resp: 604602

Ion Ratio Lower Upper

117 100

82 53.3 44.0 66.0

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078097.D

Acq: 07 Jun 2023 12:40

Tgt Ion:152 Resp: 166800

Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

150 160.0 0.0 355.8

