

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072823\
 Data File : VN078680.D
 Acq On : 28 Jul 2023 13:13
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 29 00:46:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	699420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	1237955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	1126720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	389333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	442931	47.239	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.480%
35) Dibromofluoromethane	8.177	113	433920	51.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.260%
50) Toluene-d8	10.576	98	1507027	47.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.853	95	522998	53.484	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.960%

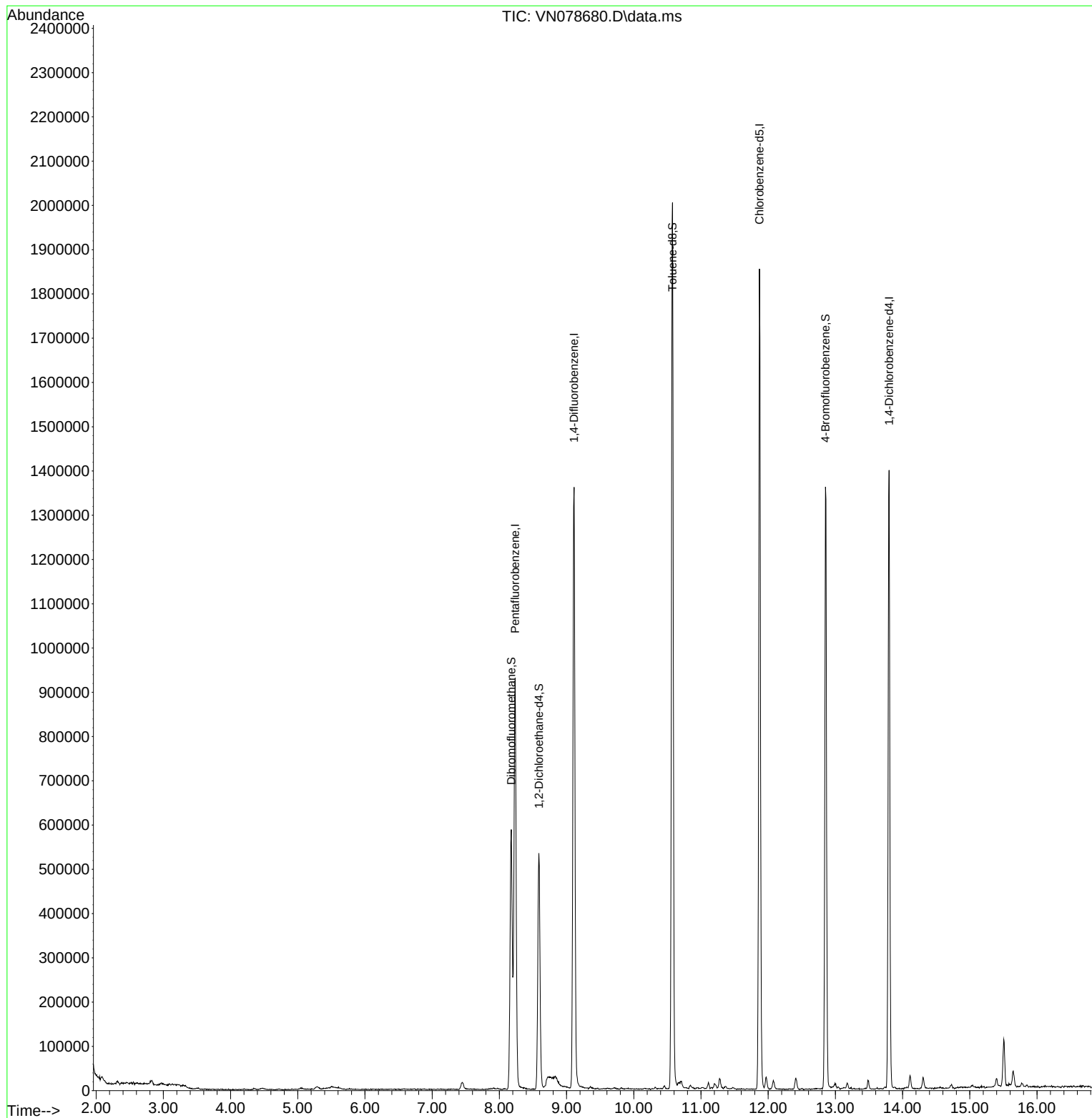
Target Compounds	Qvalue

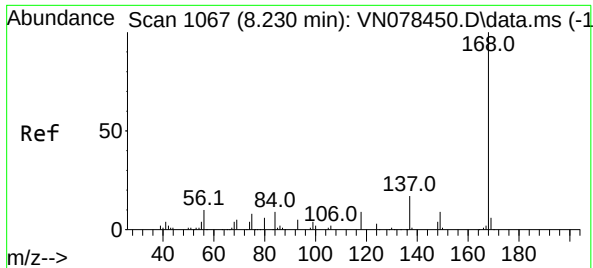
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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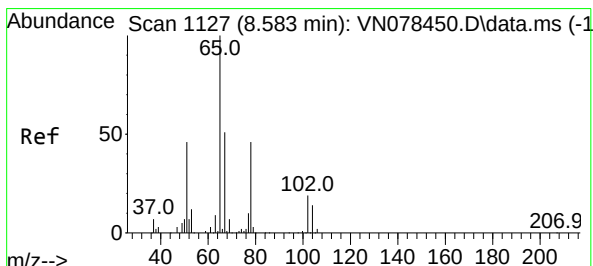
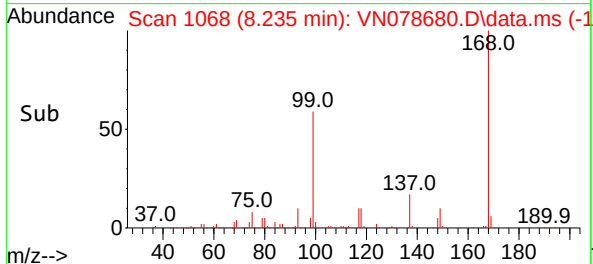
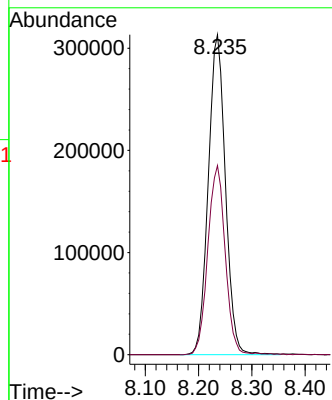
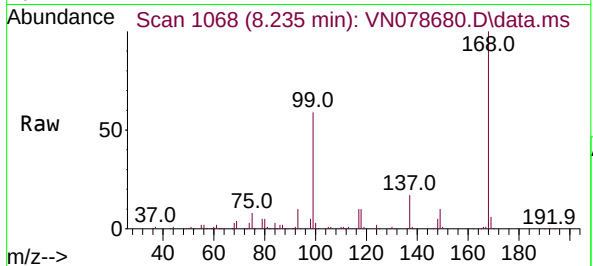




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078680.D
Acq: 28 Jul 2023 13:13

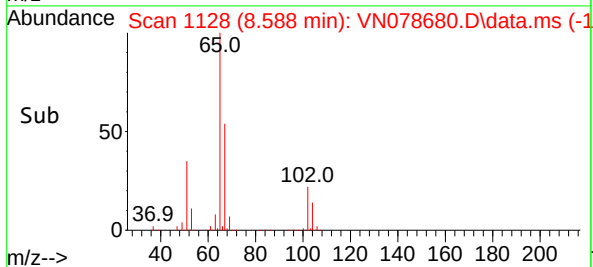
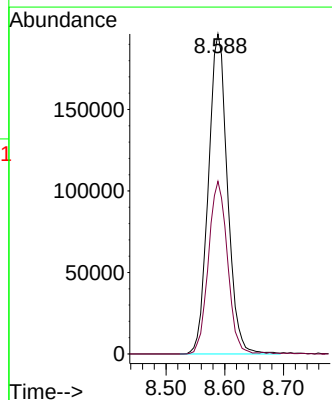
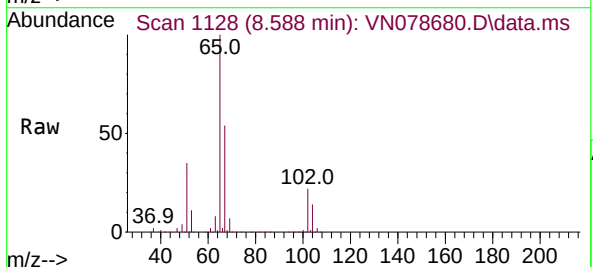
Instrument :
MSVOA_N
ClientSampleId :
IBLK

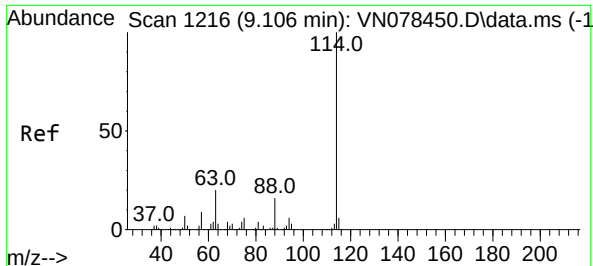
Tgt Ion:168 Resp: 699420
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.239 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078680.D
Acq: 28 Jul 2023 13:13

Tgt Ion: 65 Resp: 442931
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078680.D

Acq: 28 Jul 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

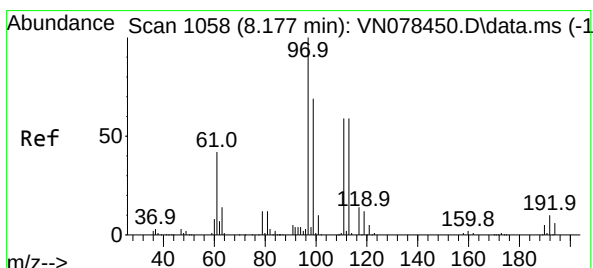
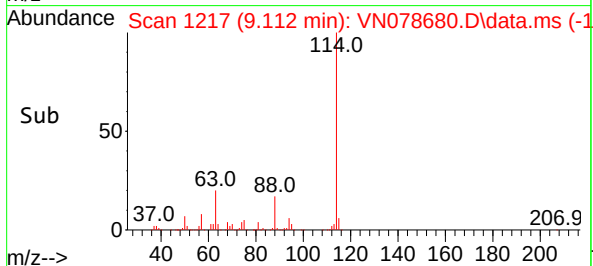
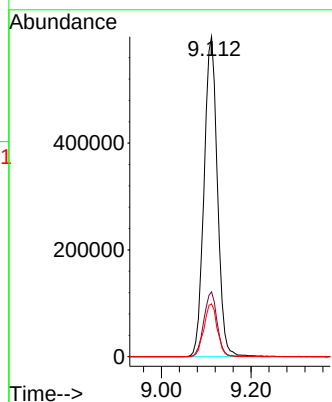
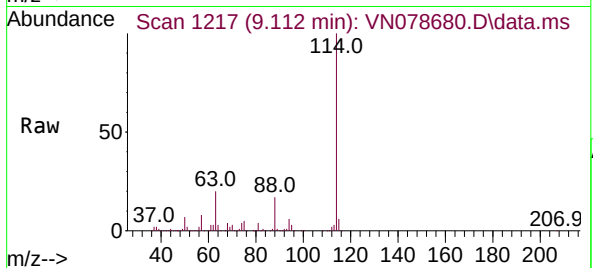
Tgt Ion:114 Resp: 1237955

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.635 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078680.D

Acq: 28 Jul 2023 13:13

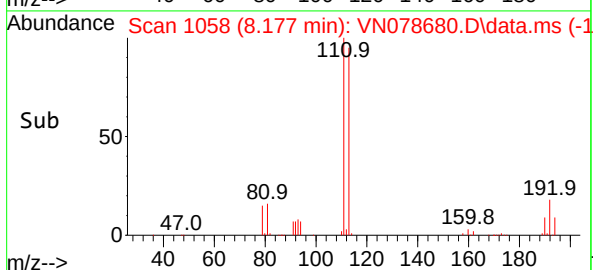
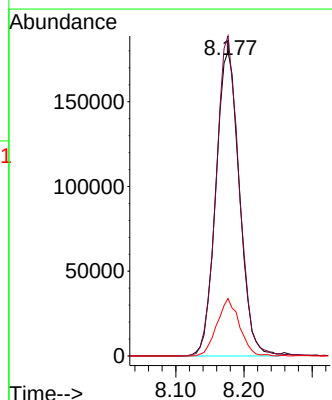
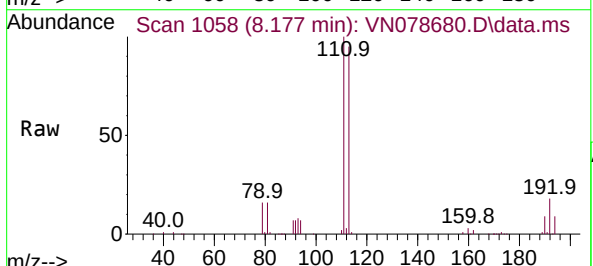
Tgt Ion:113 Resp: 433920

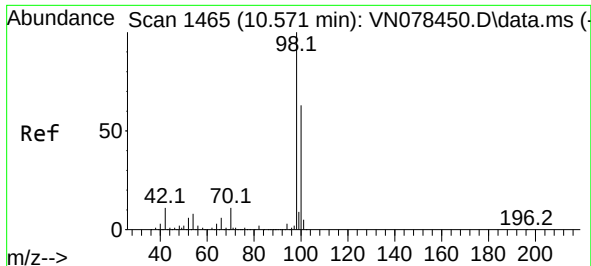
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 17.9 12.7 19.1

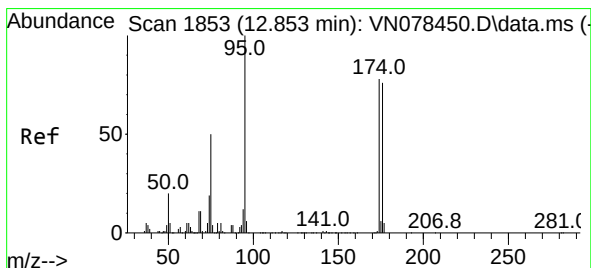
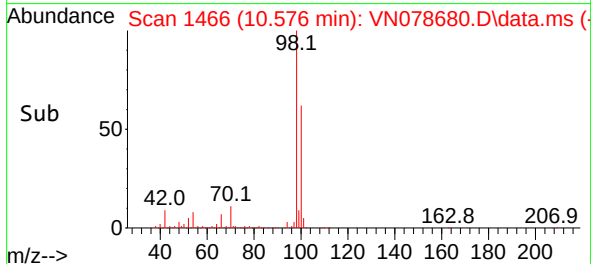
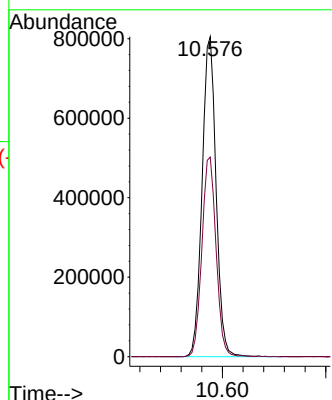
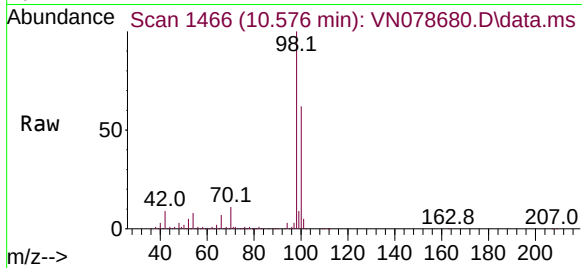




#50
Toluene-d8
Concen: 47.471 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078680.D
Acq: 28 Jul 2023 13:13

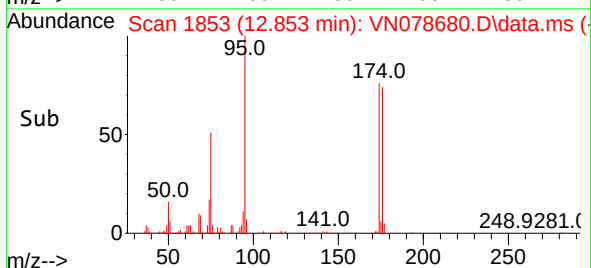
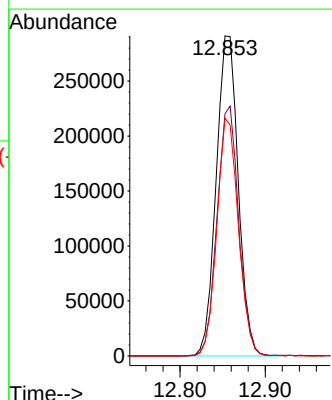
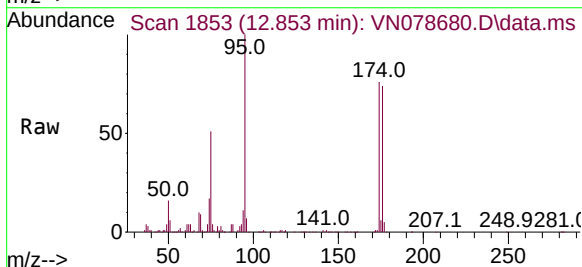
Instrument :
MSVOA_N
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IBLK

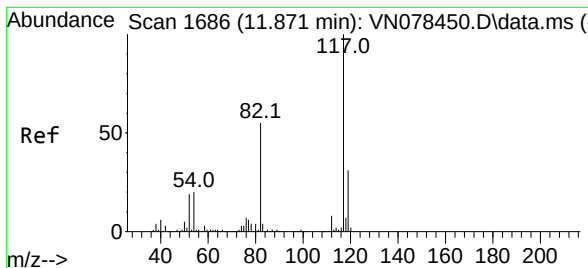
Tgt Ion: 98 Resp: 1507027
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.484 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078680.D
Acq: 28 Jul 2023 13:13

Tgt Ion: 95 Resp: 522998
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 72.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078680.D

Acq: 28 Jul 2023 13:13

Instrument :

MSVOA_N

ClientSampleId :

IBLK

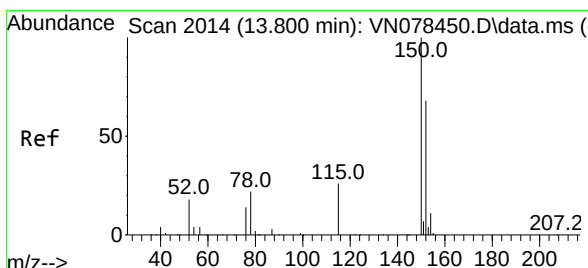
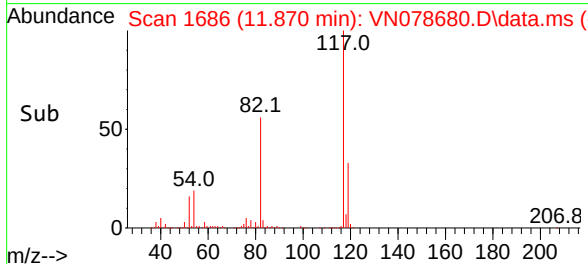
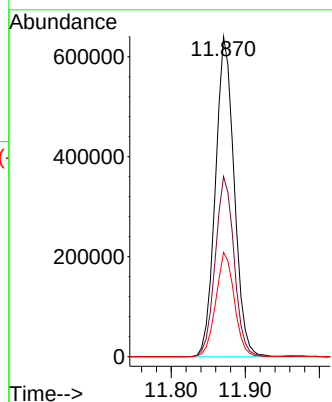
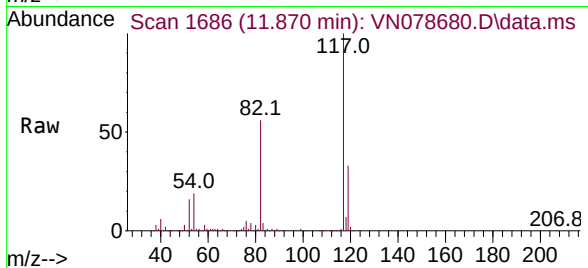
Tgt Ion:117 Resp: 1126720

Ion Ratio Lower Upper

117 100

82 56.3 44.0 66.0

119 32.6 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: VN078680.D

Acq: 28 Jul 2023 13:13

Tgt Ion:152 Resp: 389333

Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 159.6 0.0 355.8

