

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071323\
 Data File : VN078502.D
 Acq On : 13 Jul 2023 16:38
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 14 01:35:55 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	401955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	733087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	680981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	227477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	277888	51.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.140%
35) Dibromofluoromethane	8.177	113	276374	55.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.080%
50) Toluene-d8	10.576	98	873739	46.477	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.960%
62) 4-Bromofluorobenzene	12.853	95	289594	50.011	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.020%

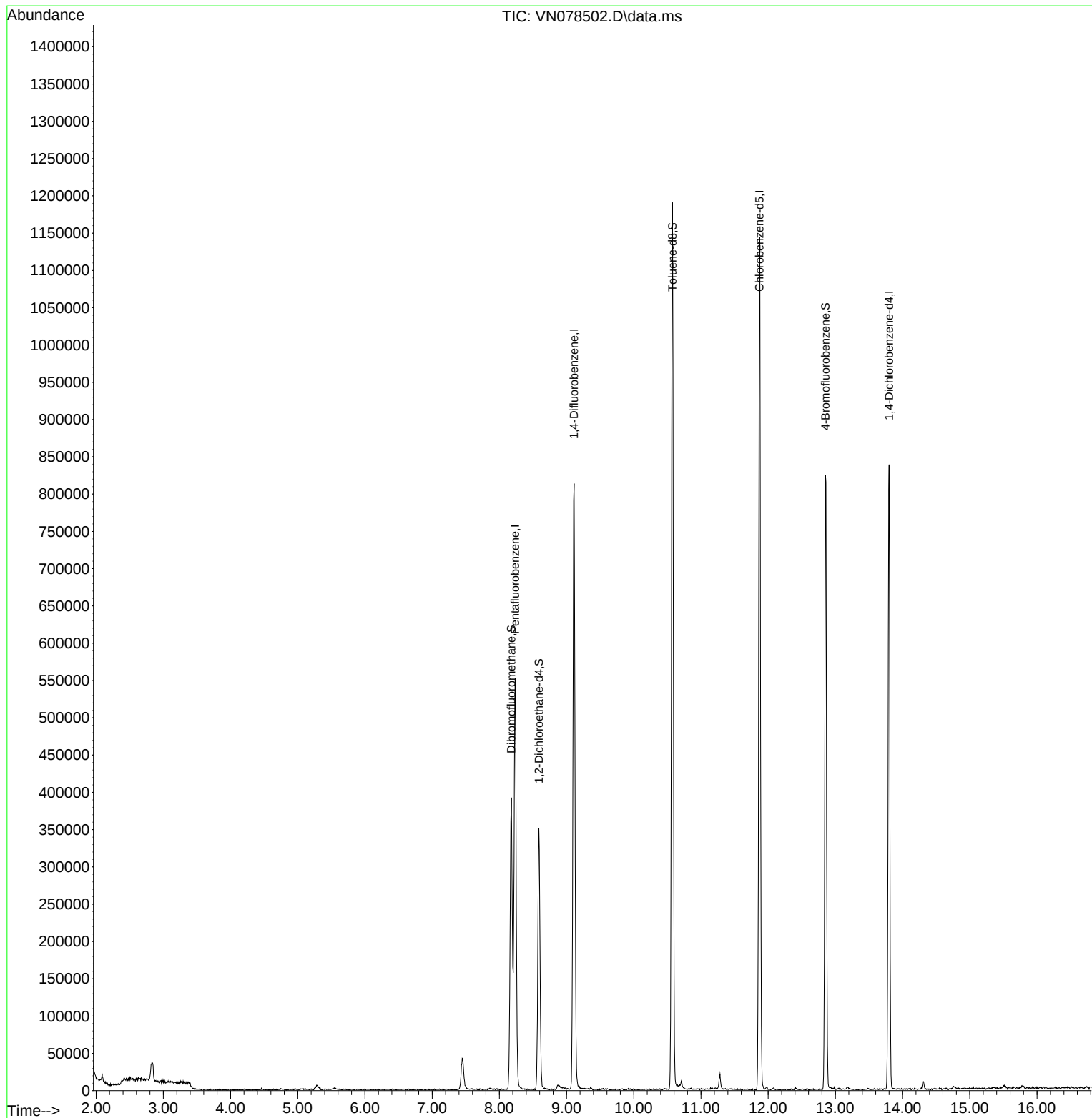
Target Compounds	Qvalue

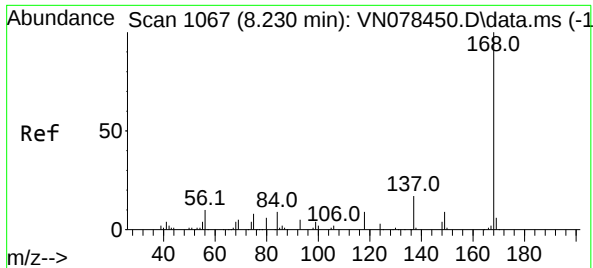
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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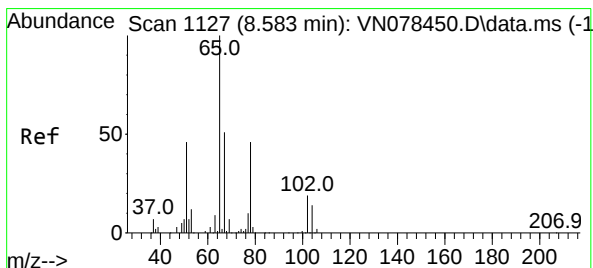
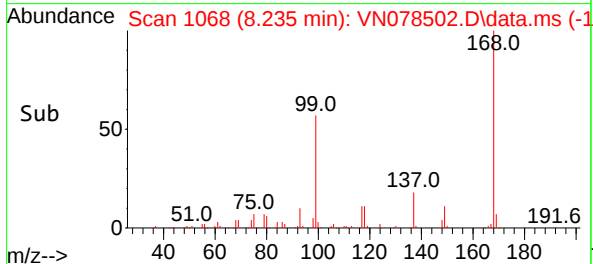
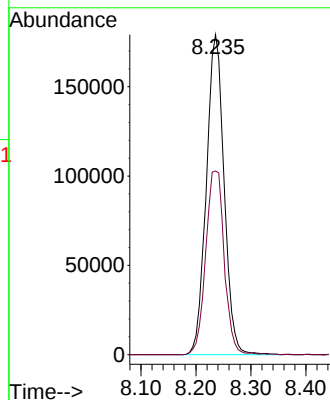
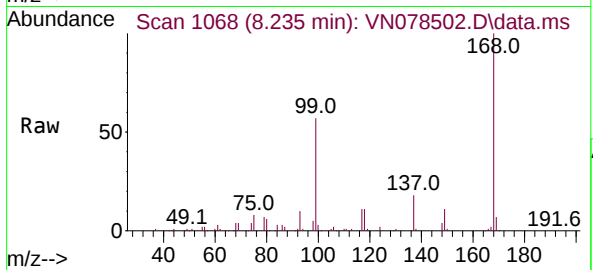




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078502.D
Acq: 13 Jul 2023 16:38

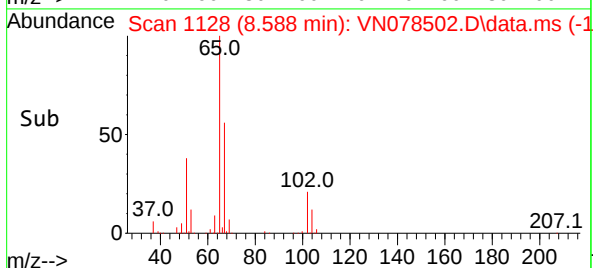
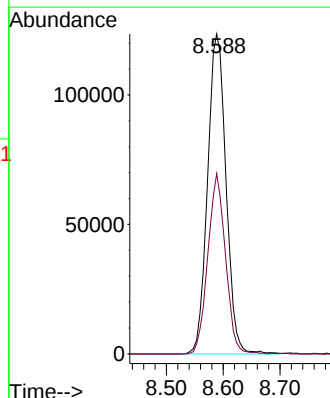
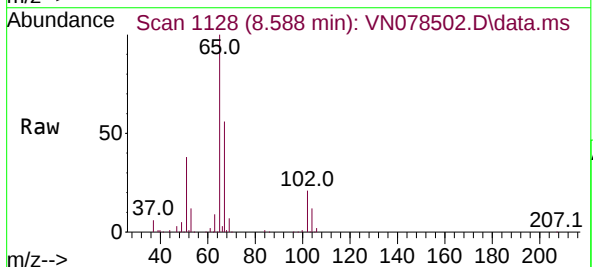
Instrument :
MSVOA_N
ClientSampleId :
IBLK

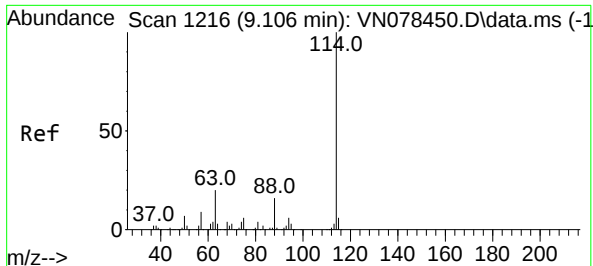
Tgt Ion:168 Resp: 401955
Ion Ratio Lower Upper
168 100
99 57.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.569 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078502.D
Acq: 13 Jul 2023 16:38

Tgt Ion: 65 Resp: 277888
Ion Ratio Lower Upper
65 100
67 54.0 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: VN078502.D

Acq: 13 Jul 2023 16:38

Instrument :

MSVOA_N

ClientSampleId :

IBLK

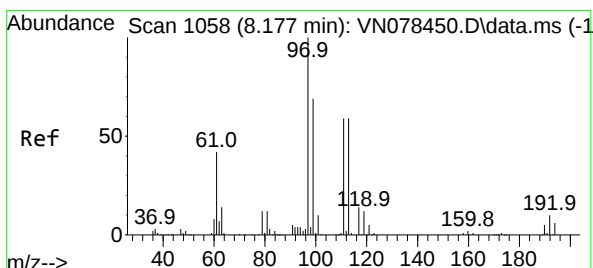
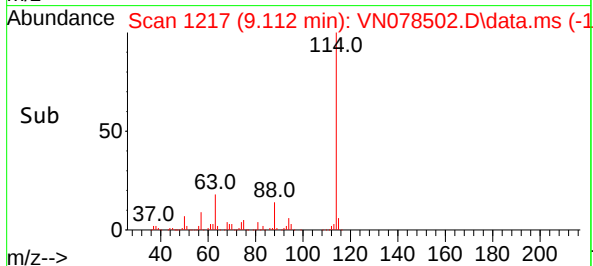
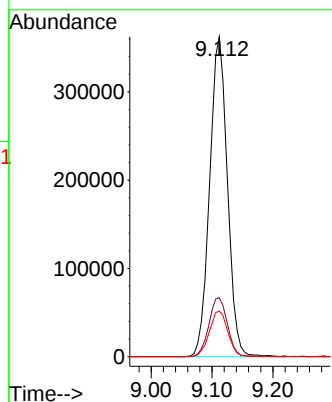
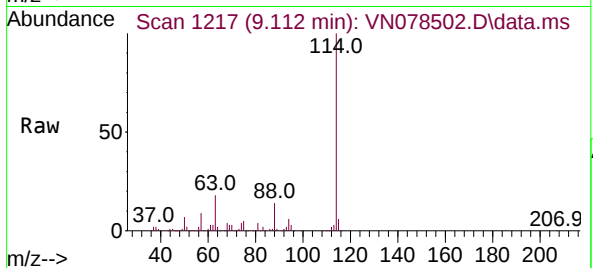
Tgt Ion:114 Resp: 733087

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.537 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078502.D

Acq: 13 Jul 2023 16:38

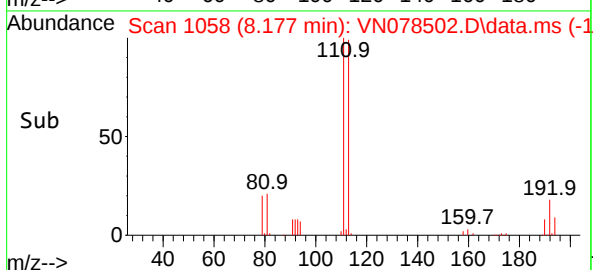
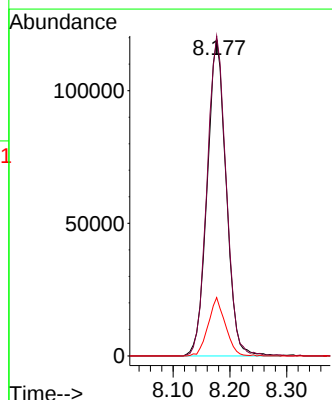
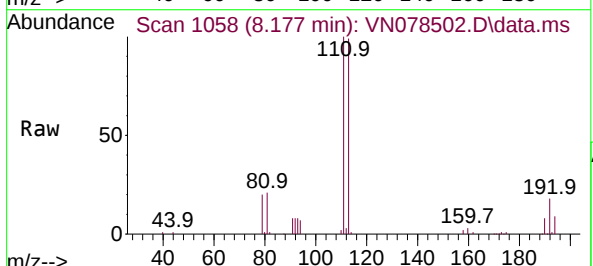
Tgt Ion:113 Resp: 276374

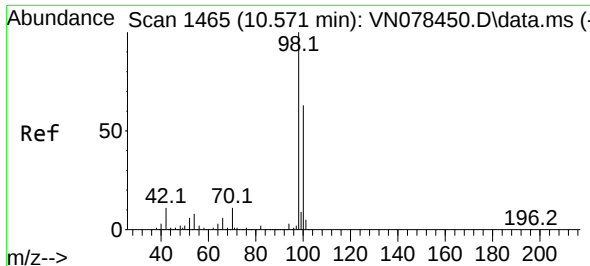
Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 16.8 12.7 19.1

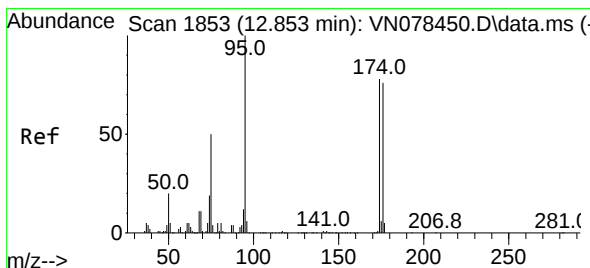
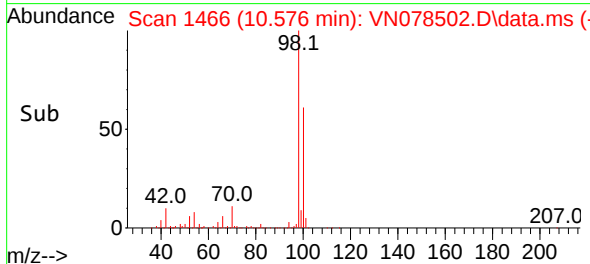
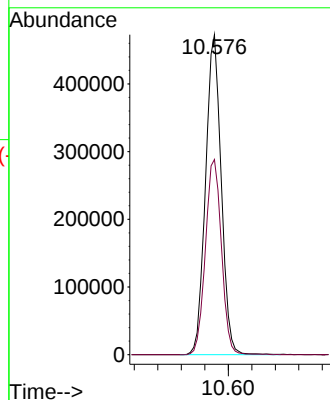
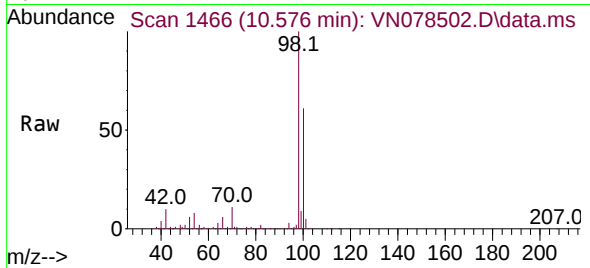




#50
Toluene-d8
Concen: 46.477 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078502.D
Acq: 13 Jul 2023 16:38

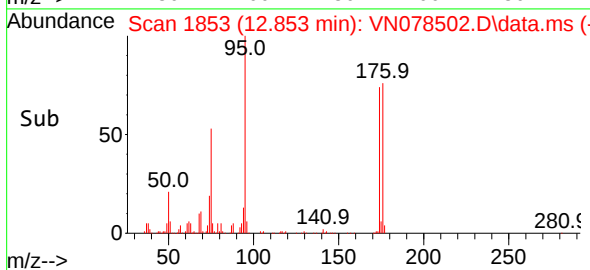
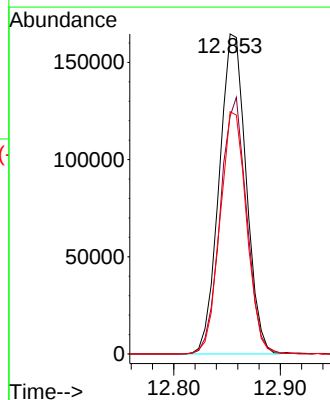
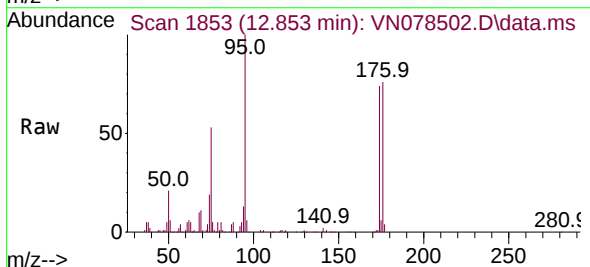
Instrument :
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IBLK

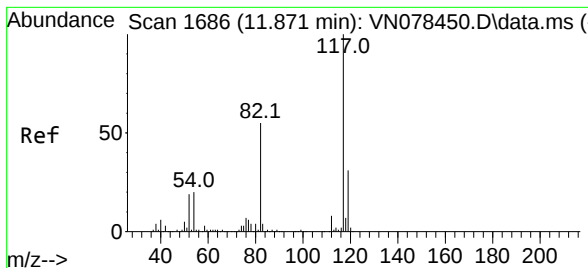
Tgt Ion: 98 Resp: 873739
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.011 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078502.D
Acq: 13 Jul 2023 16:38

Tgt Ion: 95 Resp: 289594
Ion Ratio Lower Upper
95 100
174 78.2 0.0 143.8
176 74.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078502.D

Acq: 13 Jul 2023 16:38

Instrument :

MSVOA_N

ClientSampleId :

IBLK

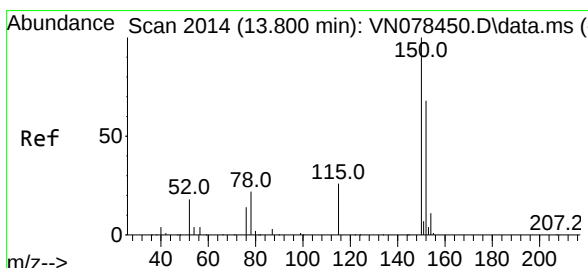
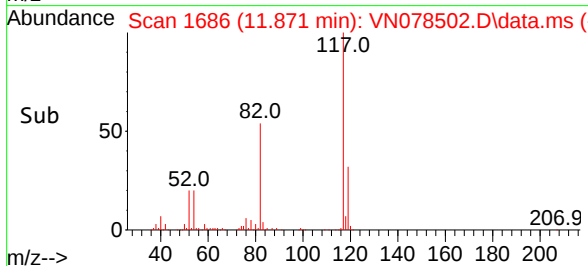
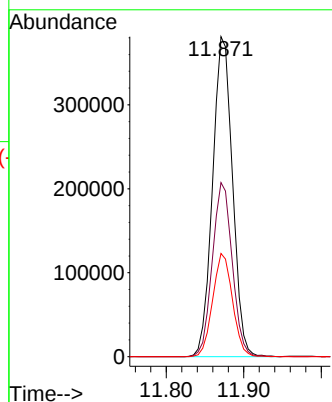
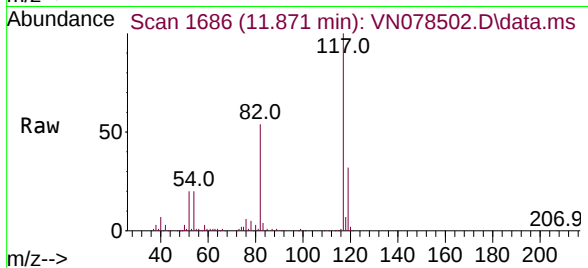
Tgt Ion:117 Resp: 680981

Ion Ratio Lower Upper

117 100

82 54.4 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: VN078502.D

Acq: 13 Jul 2023 16:38

Tgt Ion:152 Resp: 227477

Ion Ratio Lower Upper

152 100

115 63.7 32.3 96.8

150 160.0 0.0 355.8

