

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078893.D
 Acq On : 16 Aug 2023 10:56
 Operator : JC\MD
 Sample : VN0816WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBL01

Quant Time: Aug 17 01:12:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	161788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	281386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89593	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136013	54.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.060%
35) Dibromofluoromethane	8.171	113	106320	51.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.220%
50) Toluene-d8	10.571	98	383093	50.082	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.853	95	116305	46.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.040%

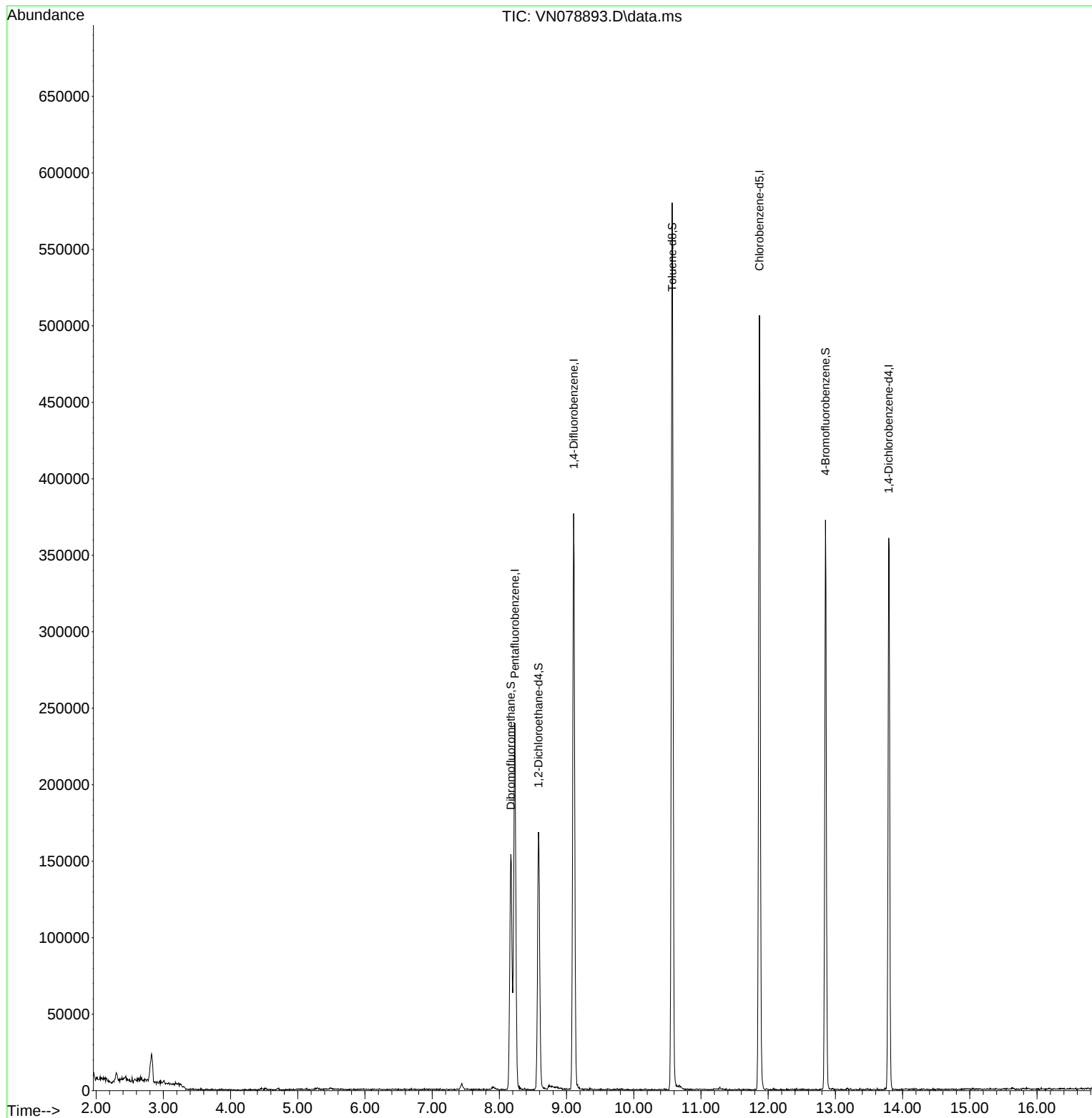
Target Compounds	Qvalue

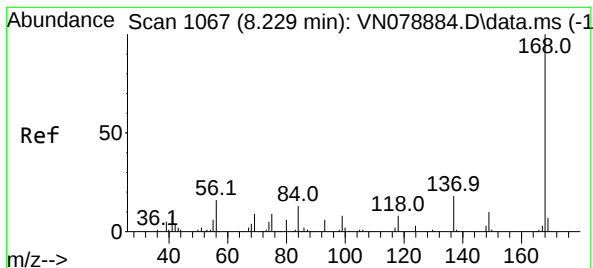
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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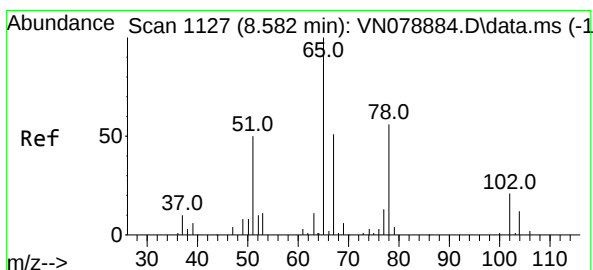
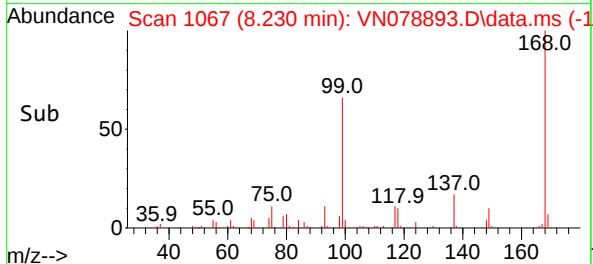
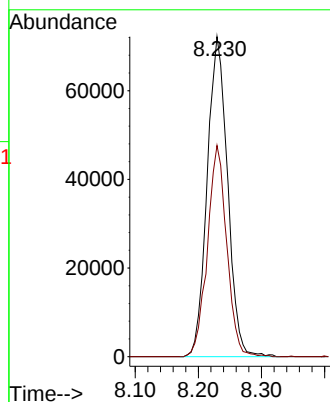
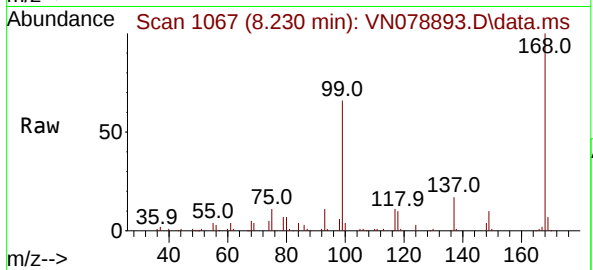




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

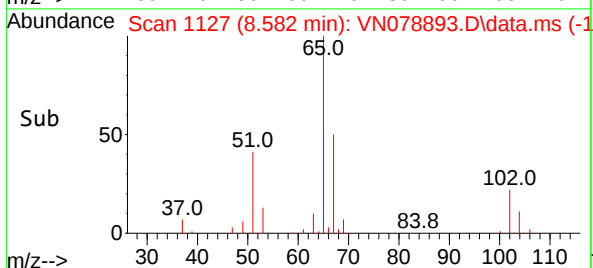
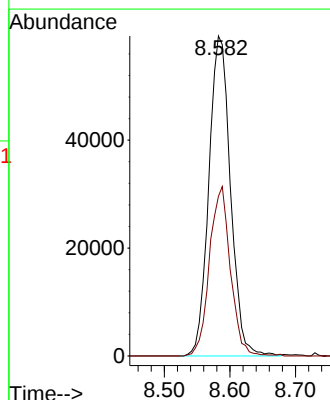
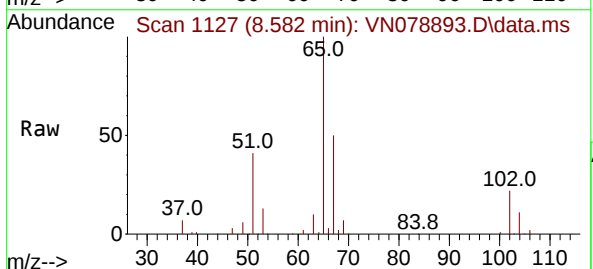
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

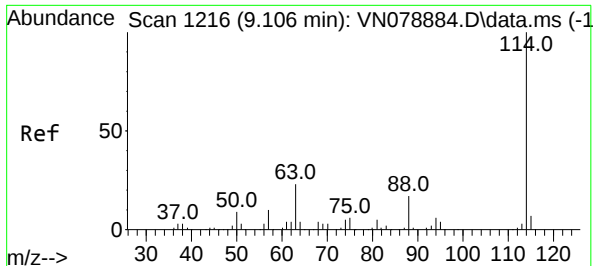
Tgt Ion:168 Resp: 161788
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.026 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Tgt Ion: 65 Resp: 136013
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078893.D

Acq: 16 Aug 2023 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBL01

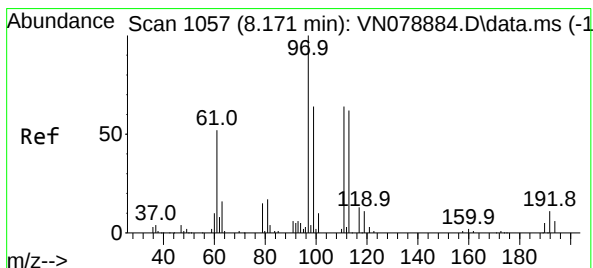
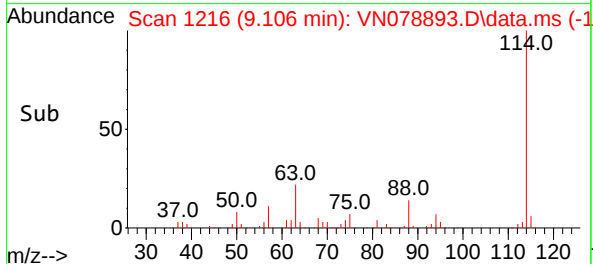
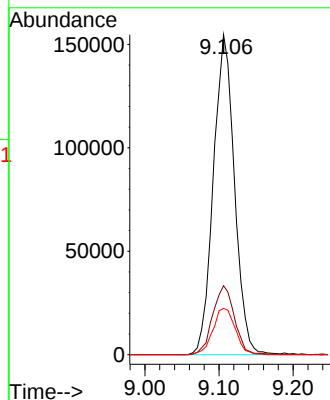
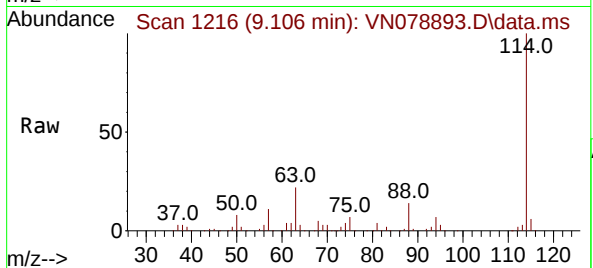
Tgt Ion:114 Resp: 306037

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.610 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078893.D

Acq: 16 Aug 2023 10:56

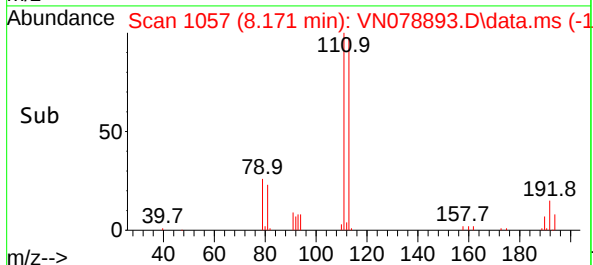
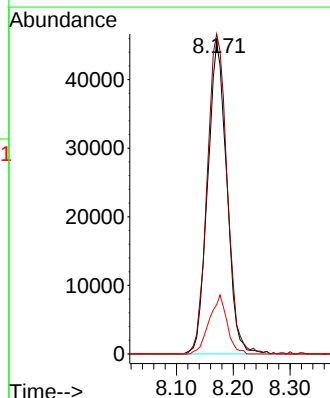
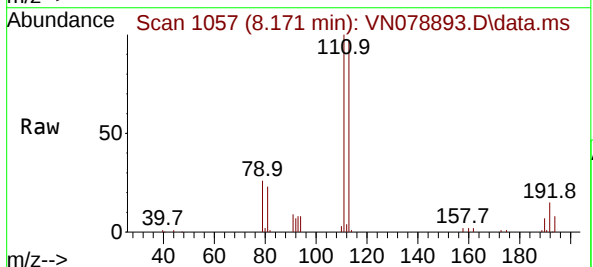
Tgt Ion:113 Resp: 106320

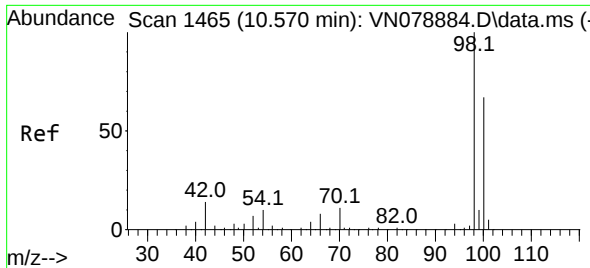
Ion Ratio Lower Upper

113 100

111 106.8 82.6 123.8

192 17.5 12.7 19.1

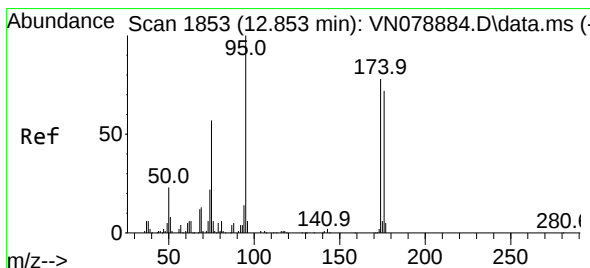
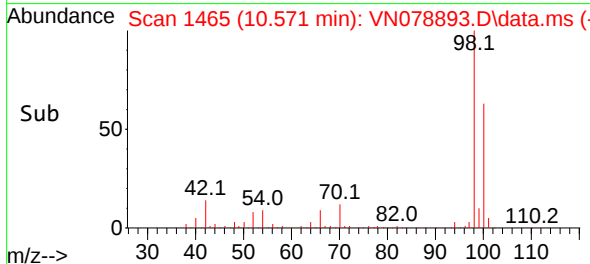
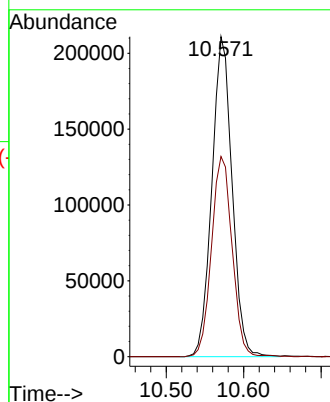
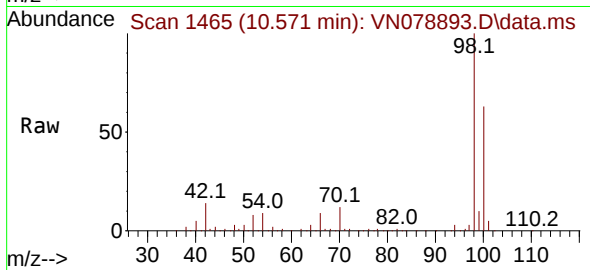




#50
Toluene-d8
Concen: 50.082 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

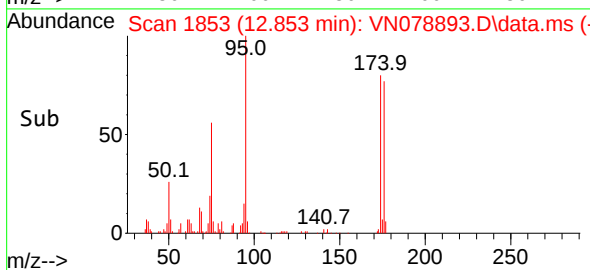
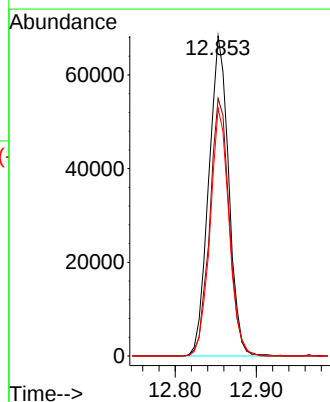
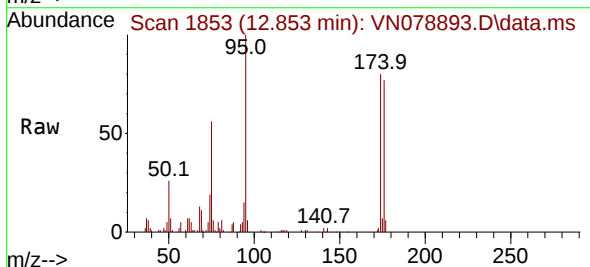
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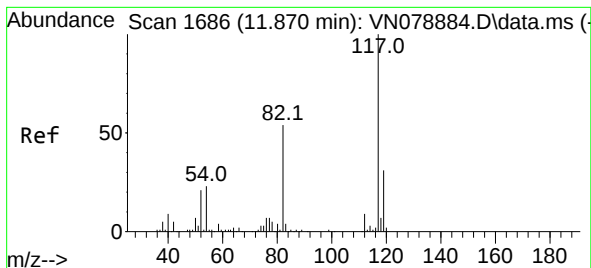
Tgt Ion: 98 Resp: 383093
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.518 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078893.D
Acq: 16 Aug 2023 10:56

Tgt Ion: 95 Resp: 116305
Ion Ratio Lower Upper
95 100
174 78.7 0.0 143.8
176 73.7 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: VN078893.D

Acq: 16 Aug 2023 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBL01

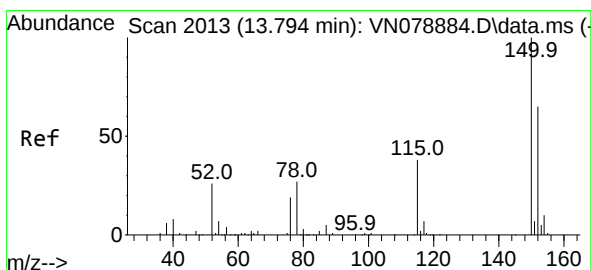
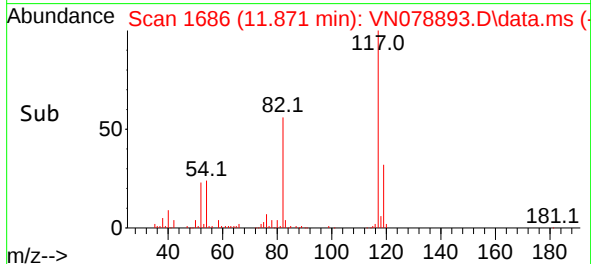
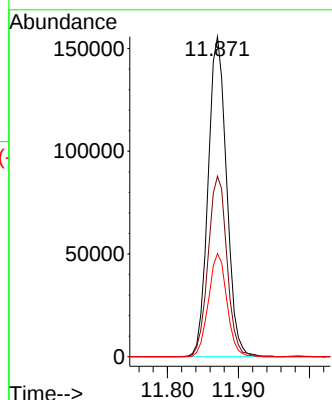
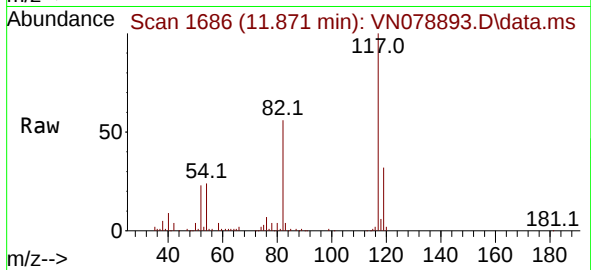
Tgt Ion:117 Resp: 281386

Ion Ratio Lower Upper

117 100

82 56.4 44.0 66.0

119 32.2 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN078893.D

Acq: 16 Aug 2023 10:56

Tgt Ion:152 Resp: 89593

Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 161.4 0.0 355.8

