

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078517.D
 Acq On : 14 Jul 2023 13:09
 Operator : JC\MD
 Sample : 03624-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jul 15 04:00:30 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	8.236	168	387258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	702750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	647526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	261475	50.365	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.720%	
35) Dibromofluoromethane	8.177	113	270601	56.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.440%	
50) Toluene-d8	10.577	98	821369	45.577	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.160%	
62) 4-Bromofluorobenzene	12.859	95	272101	49.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.040%	

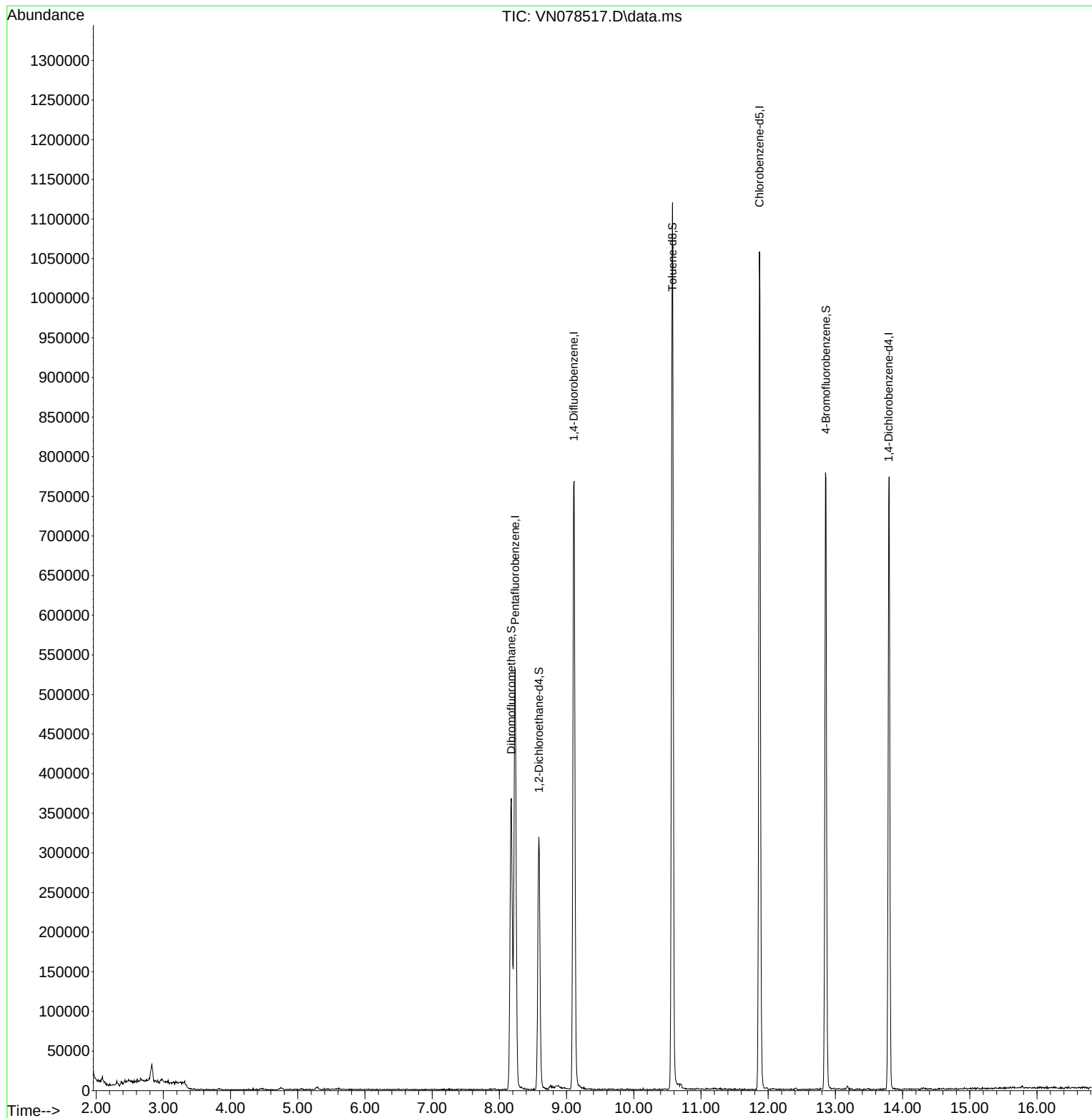
Target Compounds	Qvalue

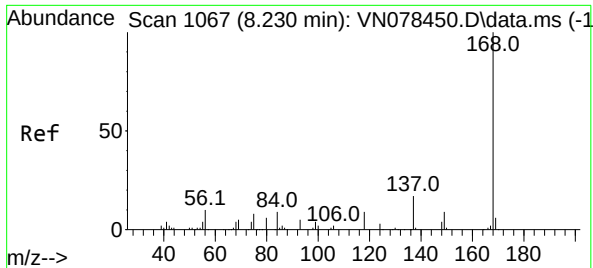
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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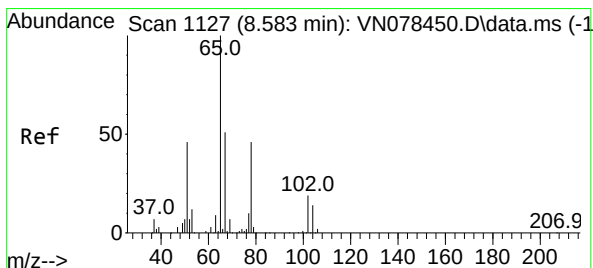
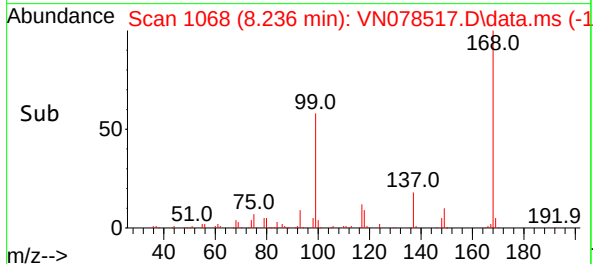
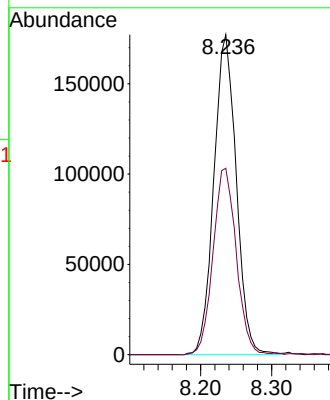
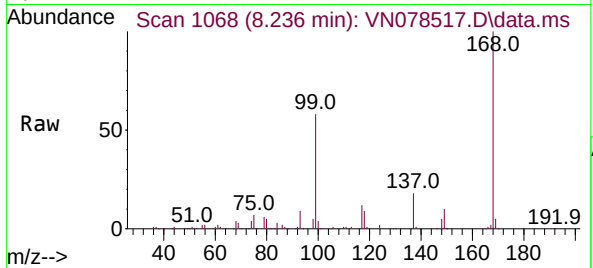




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

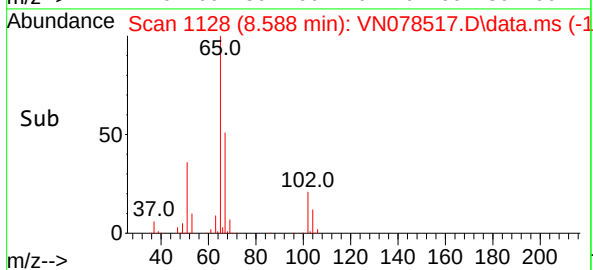
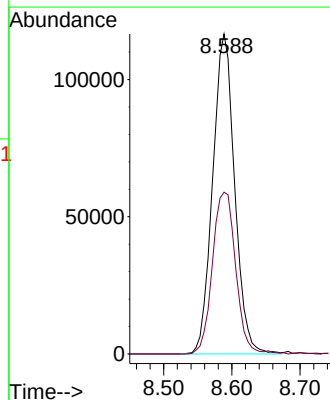
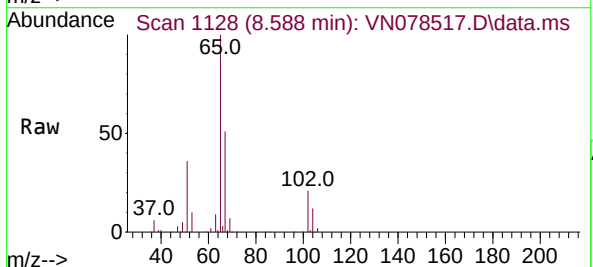
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

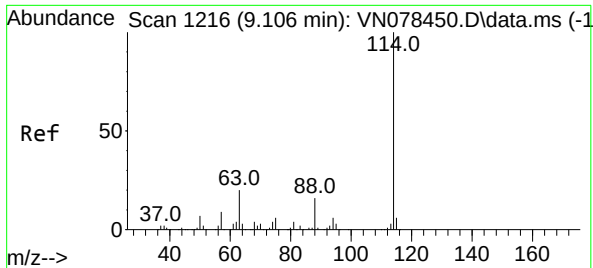
Tgt Ion:168 Resp: 387258
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.365 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

Tgt Ion: 65 Resp: 261475
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6

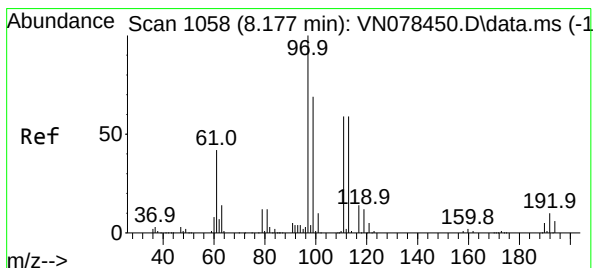
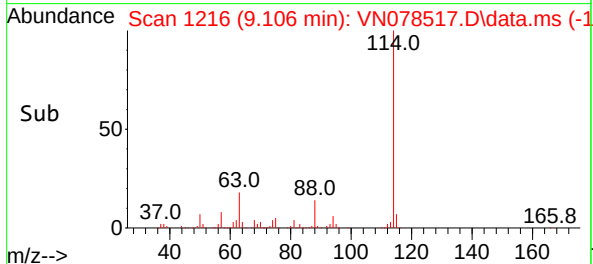
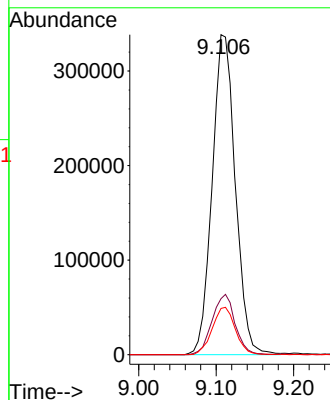
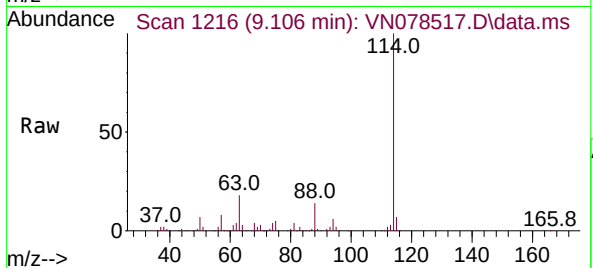




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

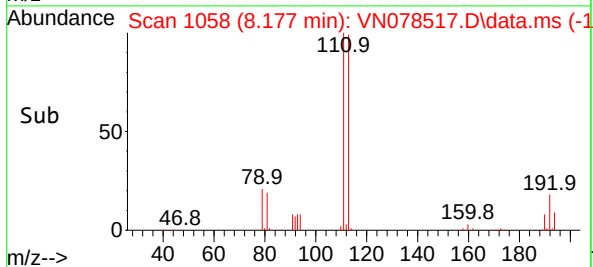
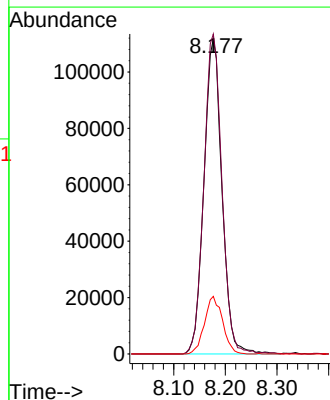
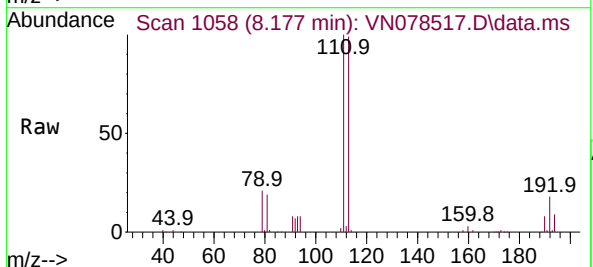
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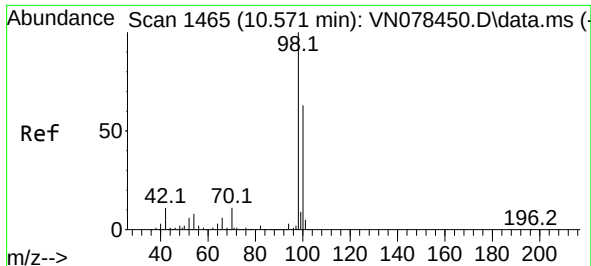
Tgt Ion:114 Resp: 702750
Ion Ratio Lower Upper
114 100
63 17.5 0.0 36.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.724 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

Tgt Ion:113 Resp: 270601
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 18.3 12.7 19.1

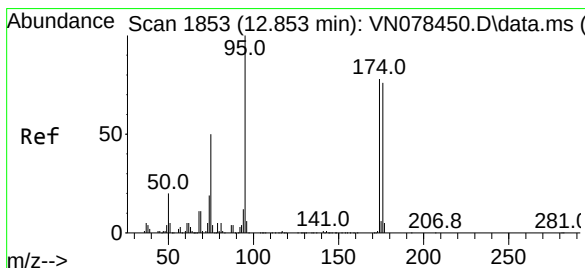
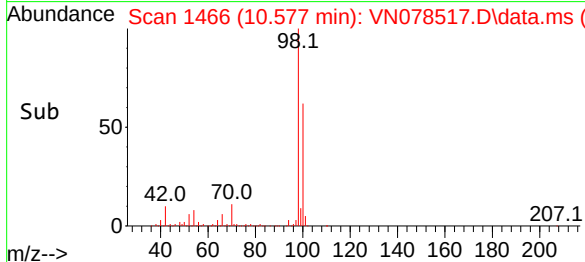
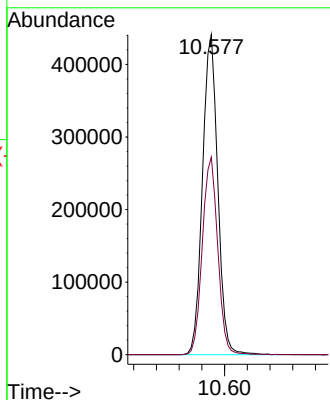
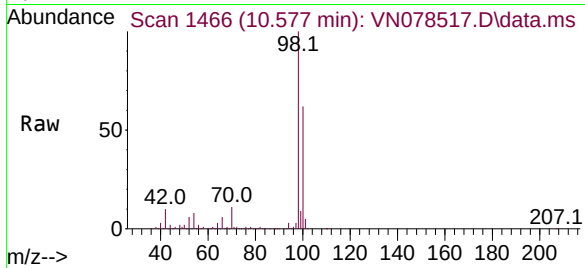




#50
Toluene-d8
Concen: 45.577 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

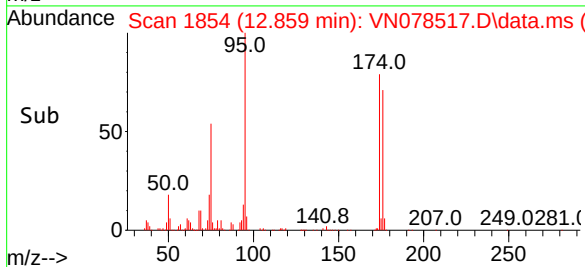
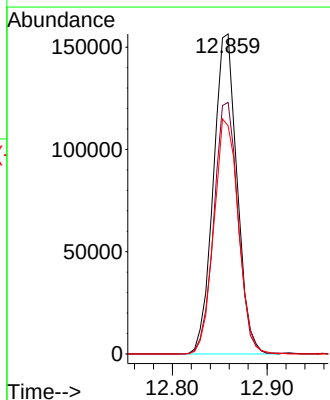
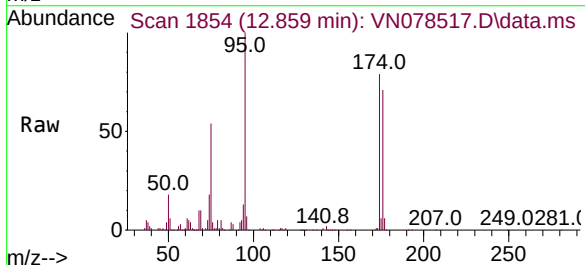
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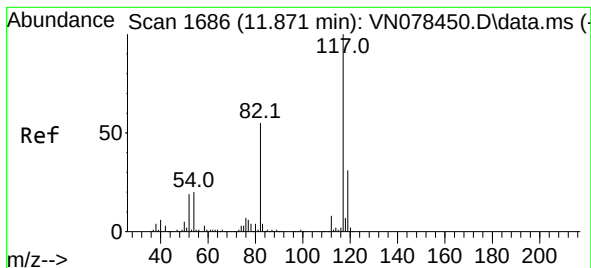
Tgt Ion: 98 Resp: 821369
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.018 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078517.D
Acq: 14 Jul 2023 13:09

Tgt Ion: 95 Resp: 272101
Ion Ratio Lower Upper
95 100
174 80.2 0.0 143.8
176 76.1 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: VN078517.D

Acq: 14 Jul 2023 13:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

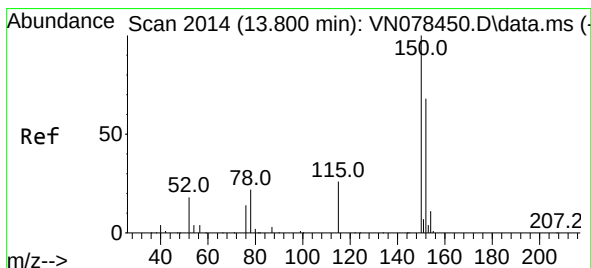
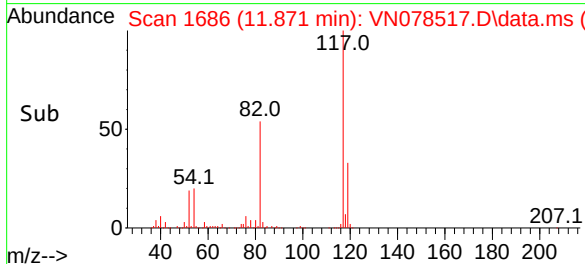
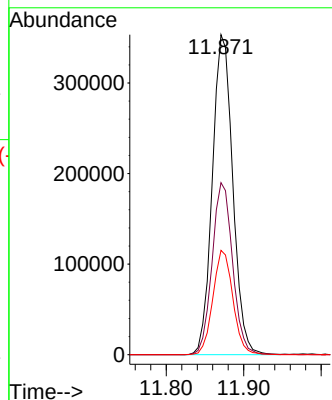
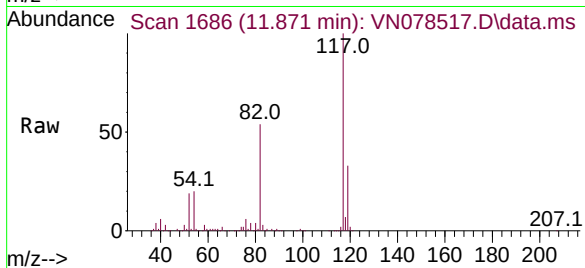
Tgt Ion:117 Resp: 647526

Ion Ratio Lower Upper

117 100

82 53.8 44.0 66.0

119 32.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078517.D

Acq: 14 Jul 2023 13:09

Tgt Ion:152 Resp: 212949

Ion Ratio Lower Upper

152 100

115 60.6 32.3 96.8

150 158.2 0.0 355.8

