

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080925.D
 Acq On : 06 Feb 2024 18:33
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 07 05:33:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 05:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200000	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	441062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	529427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	183965	72.915	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 145.820%#	
35) Dibromofluoromethane	8.165	113	168424	71.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 142.320%#	
50) Toluene-d8	10.571	98	719450	84.041	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 168.080%#	
62) 4-Bromofluorobenzene	12.853	95	258850	83.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 166.460%#	

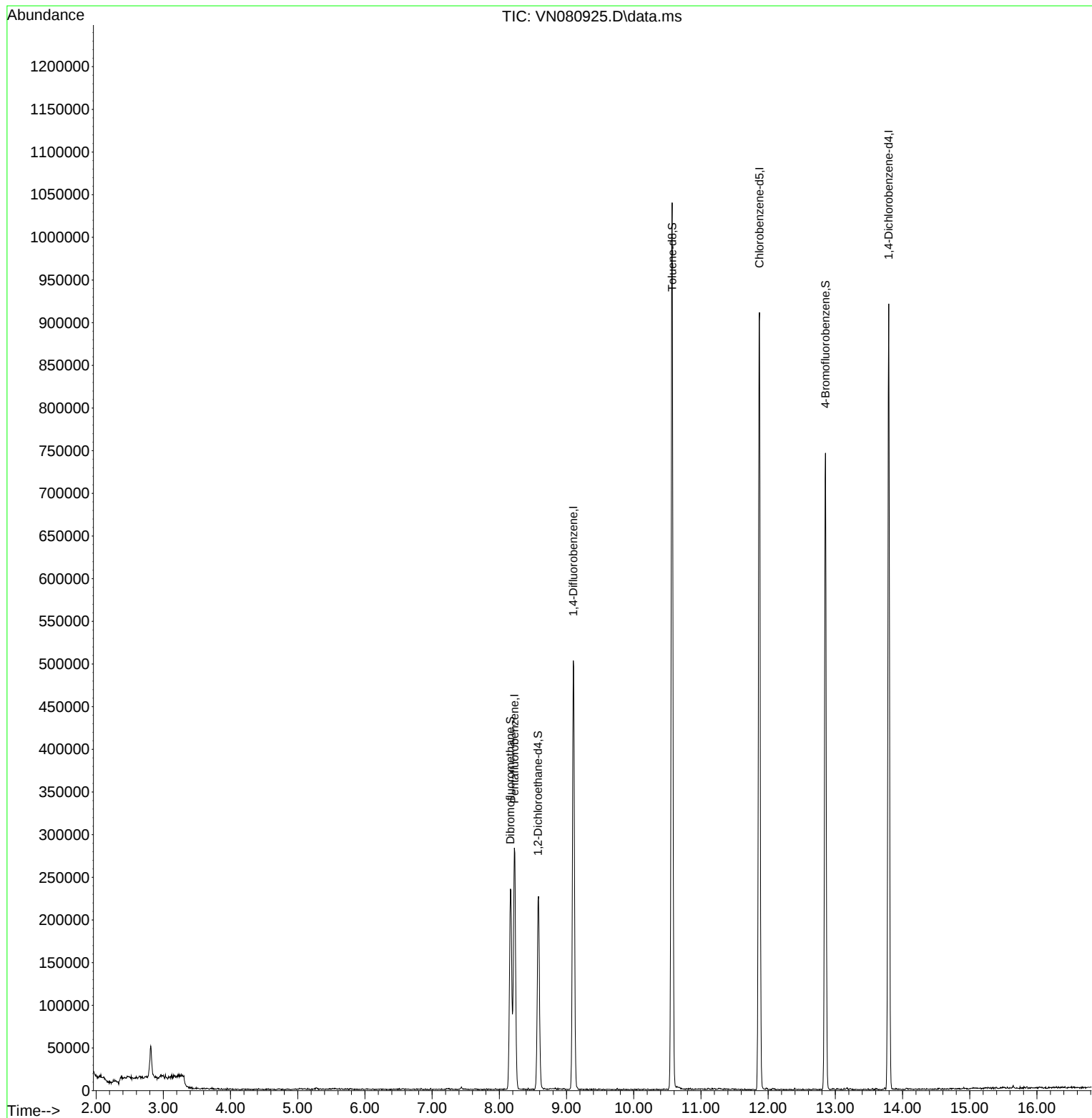
Target Compounds	Qvalue

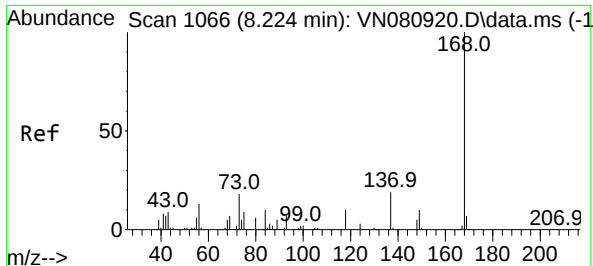
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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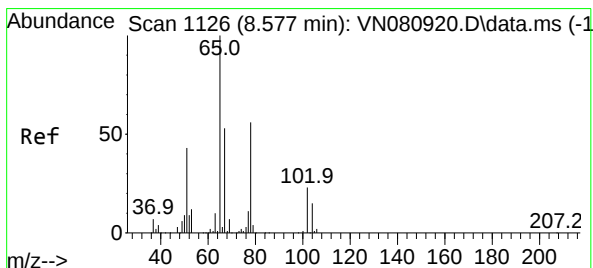
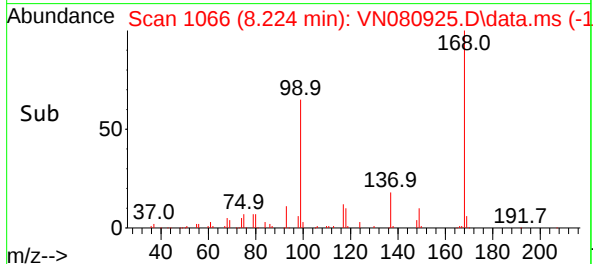
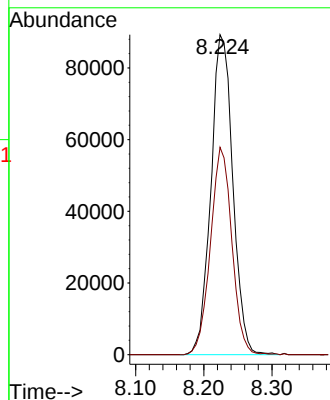
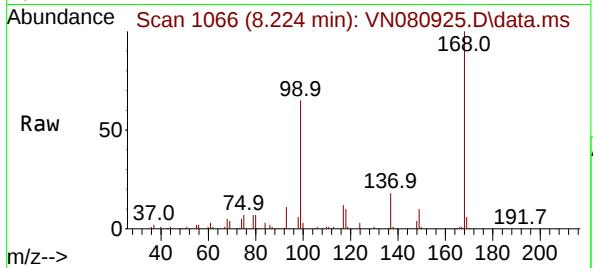




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

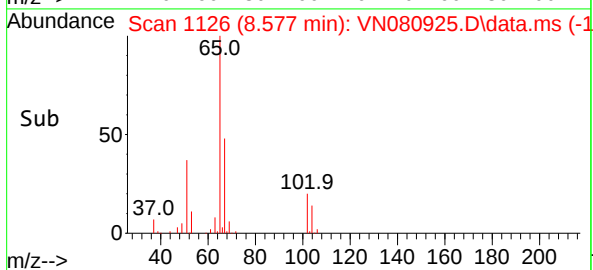
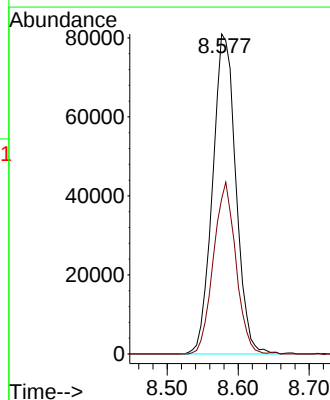
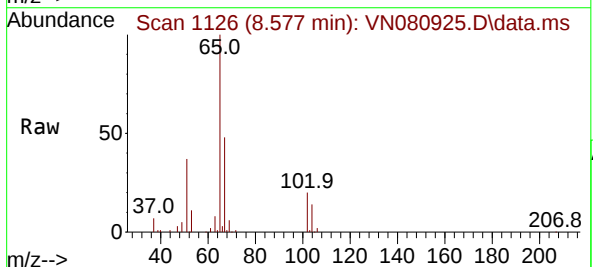
Instrument :
MSVOA_N
ClientSampleId :
IBLK

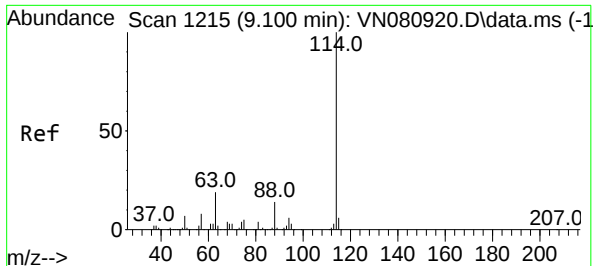
Tgt Ion:168 Resp: 200000
Ion Ratio Lower Upper
168 100
99 64.8 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 72.915 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

Tgt Ion: 65 Resp: 183965
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080925.D

Acq: 06 Feb 2024 18:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

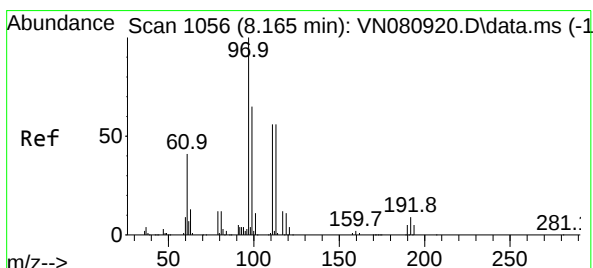
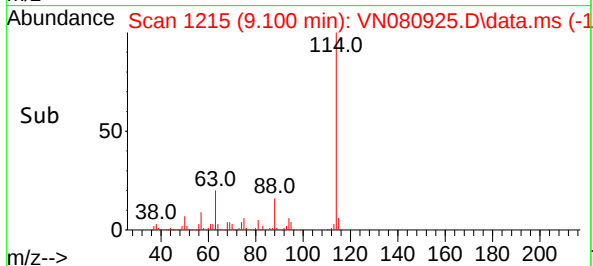
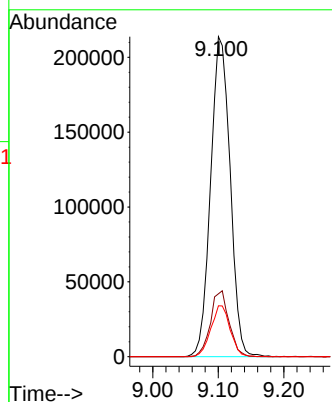
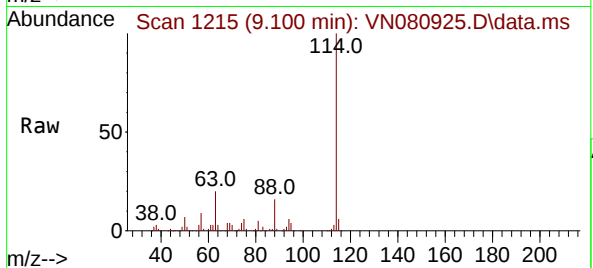
Tgt Ion:114 Resp: 441062

Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

88 15.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 71.163 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080925.D

Acq: 06 Feb 2024 18:33

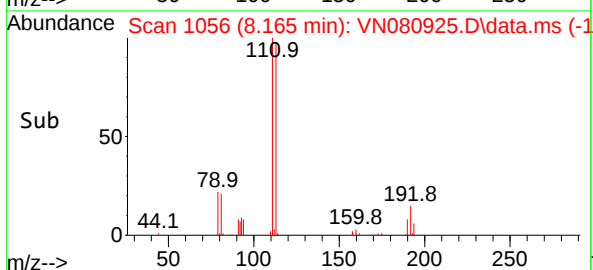
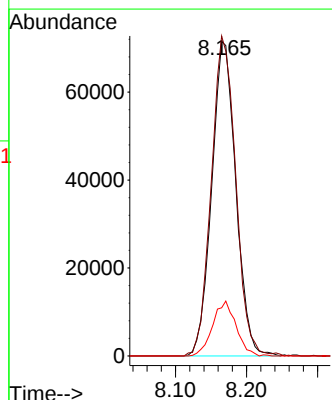
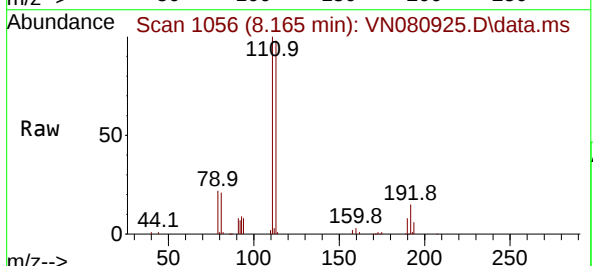
Tgt Ion:113 Resp: 168424

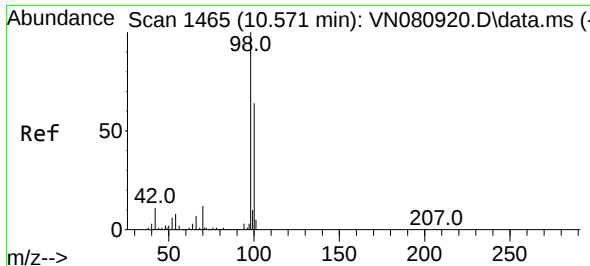
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 17.0 12.5 18.7

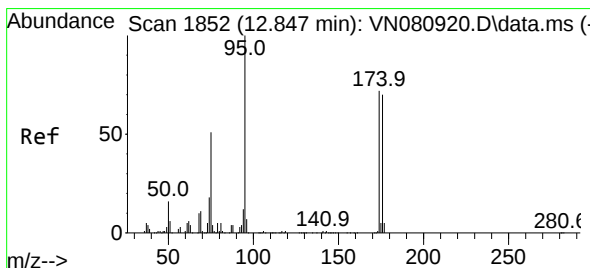
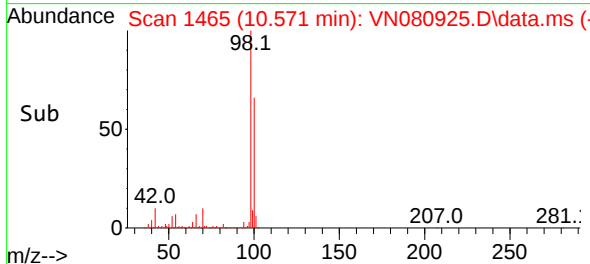
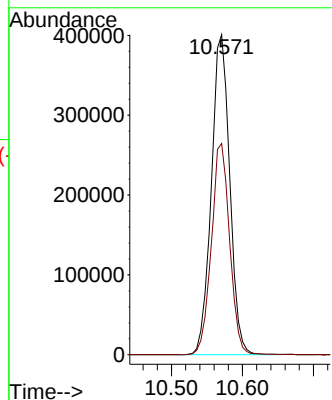
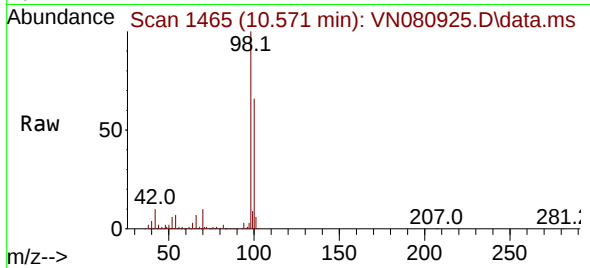




#50
Toluene-d8
Concen: 84.041 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

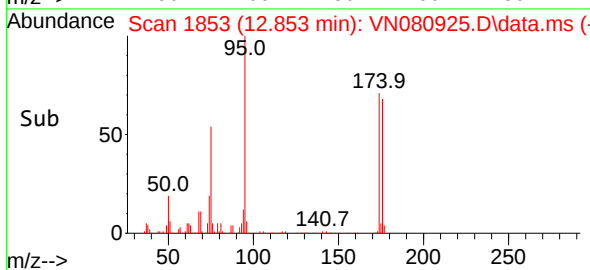
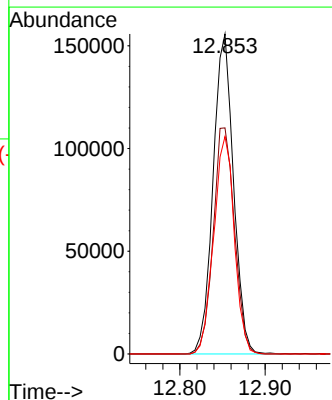
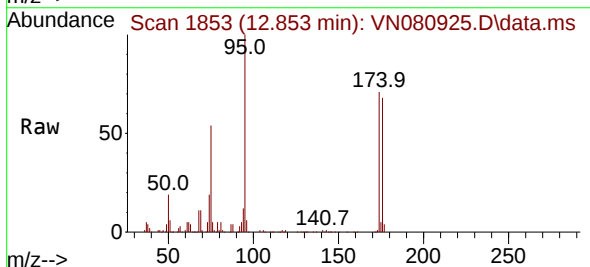
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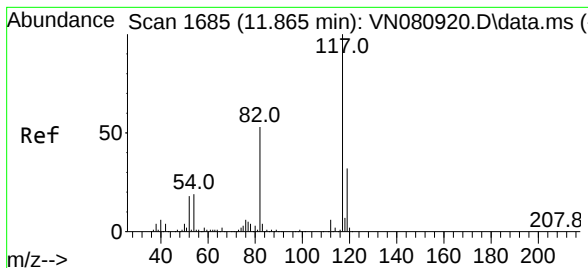
Tgt Ion: 98 Resp: 719450
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 83.234 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080925.D
Acq: 06 Feb 2024 18:33

Tgt Ion: 95 Resp: 258850
Ion Ratio Lower Upper
95 100
174 73.4 0.0 120.4
176 68.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080925.D

Acq: 06 Feb 2024 18:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

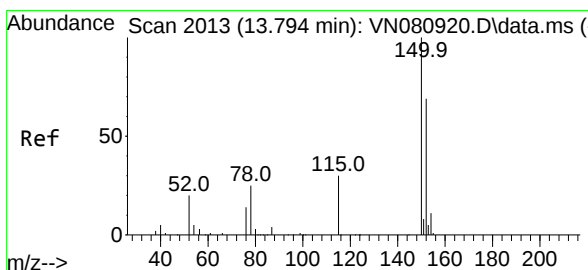
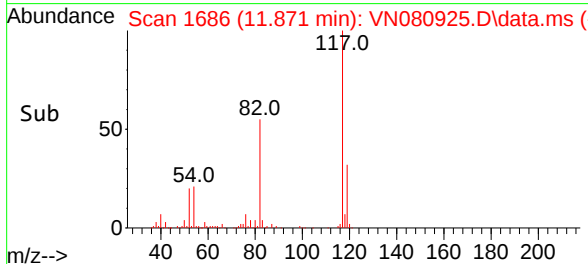
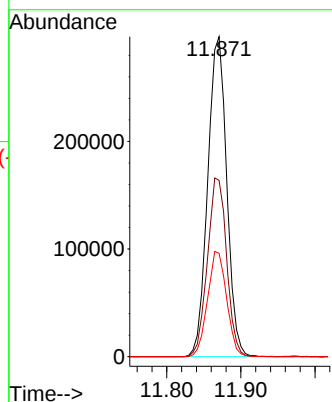
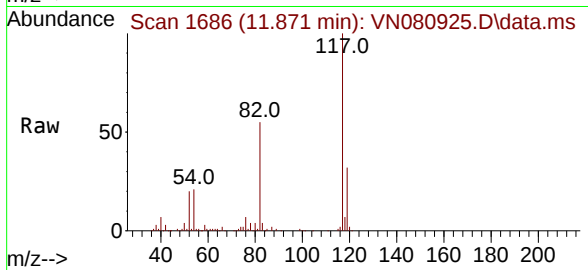
Tgt Ion:117 Resp: 529427

Ion Ratio Lower Upper

117 100

82 55.1 52.7 79.1

119 32.3 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080925.D

Acq: 06 Feb 2024 18:33

Tgt Ion:152 Resp: 235831

Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 158.0 0.0 339.8

