

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080250.D
 Acq On : 22 Nov 2023 16:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 23 00:23:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	209003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	396650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	427118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	203628	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	179766	52.091	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.180%
35) Dibromofluoromethane	8.171	113	145637	49.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	10.571	98	528425	50.086	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.853	95	229330	57.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.100%

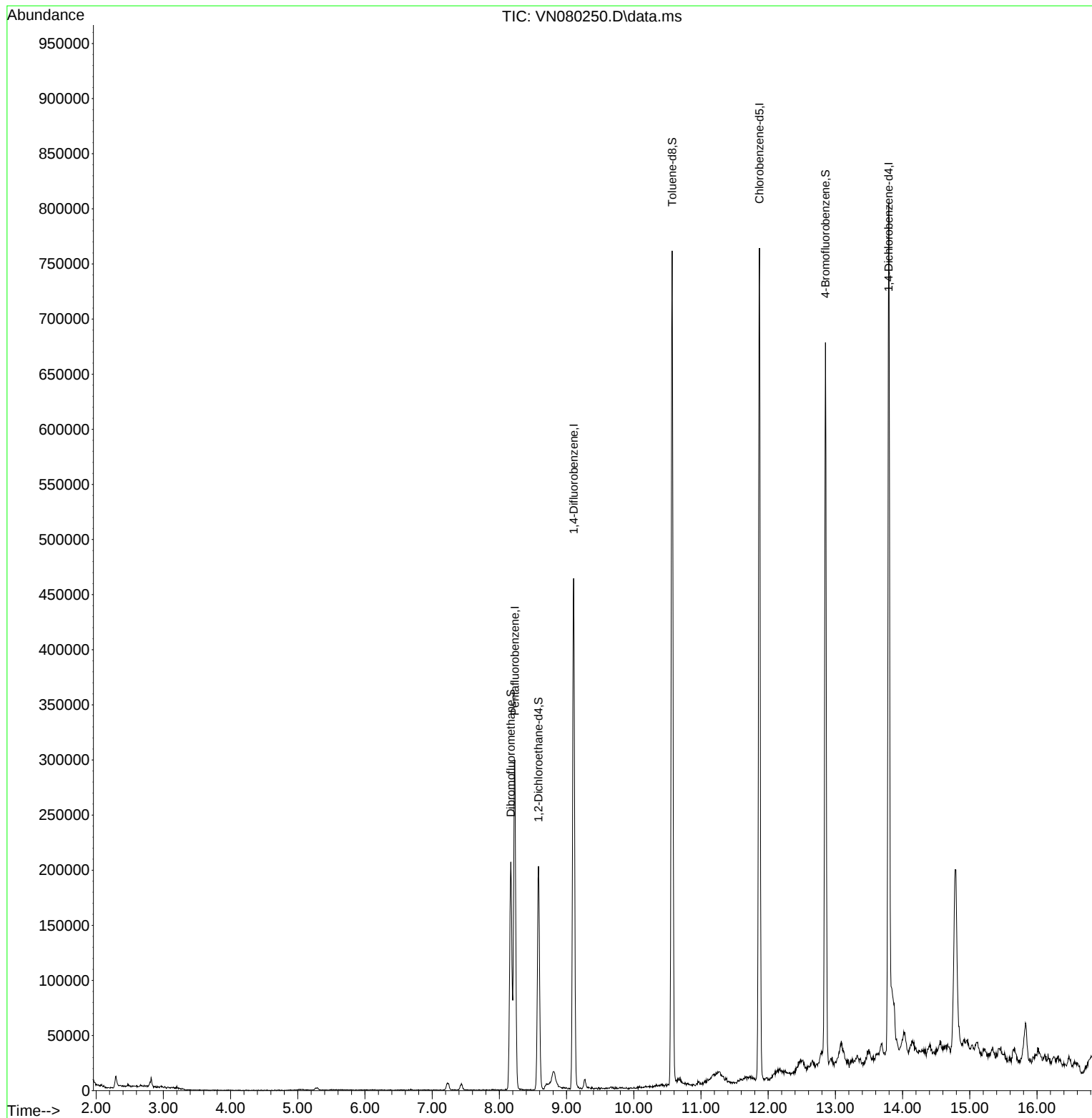
Target Compounds	Qvalue

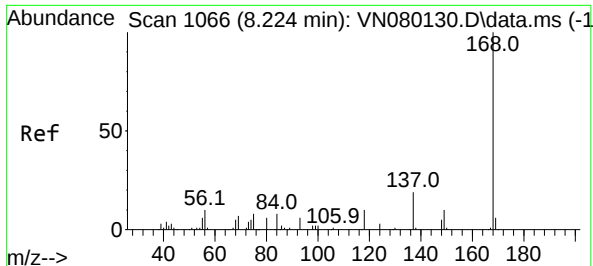
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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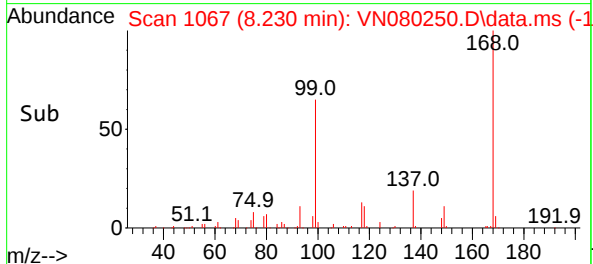
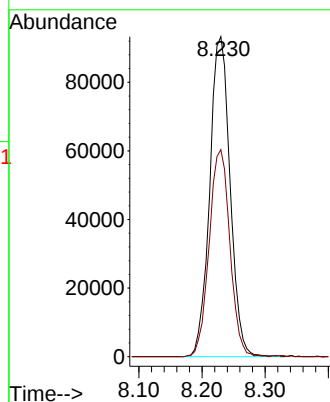
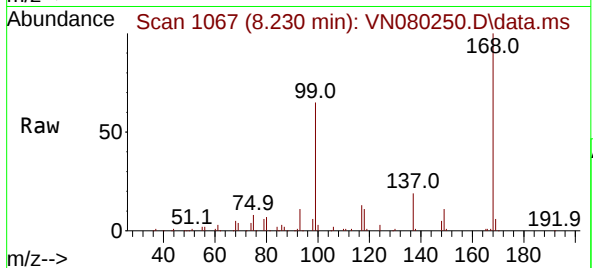




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

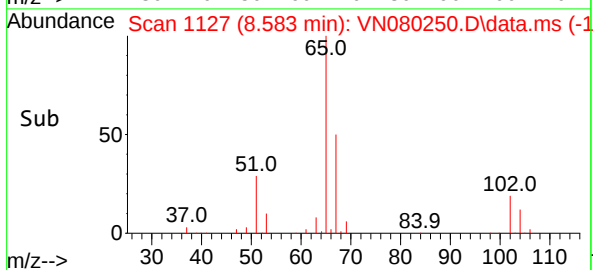
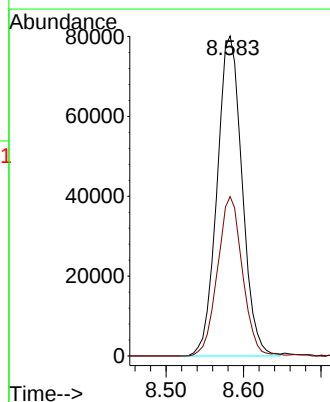
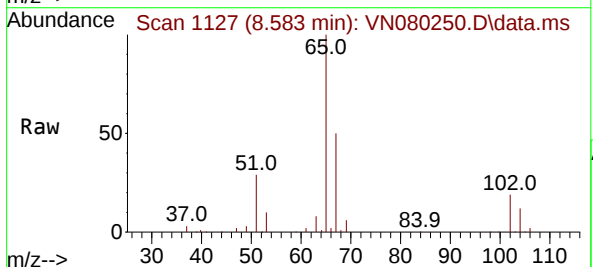
Instrument :
MSVOA_N
ClientSampleId :
IBLK

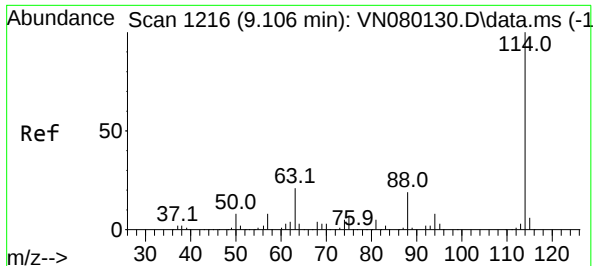
Tgt Ion:168 Resp: 209003
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.091 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080250.D
Acq: 22 Nov 2023 16:19

Tgt Ion: 65 Resp: 179766
Ion Ratio Lower Upper
65 100
67 49.7 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: VN080250.D

Acq: 22 Nov 2023 16:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

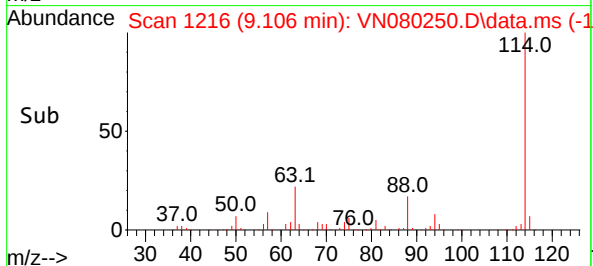
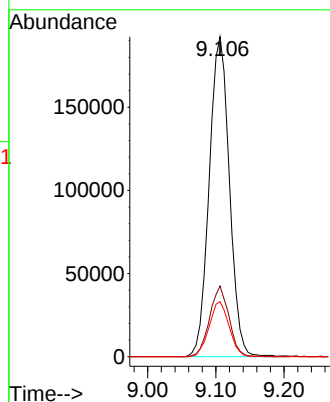
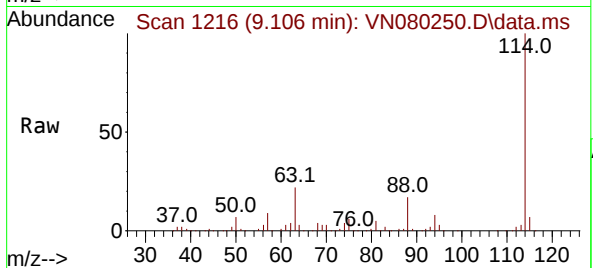
Tgt Ion:114 Resp: 396650

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.761 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

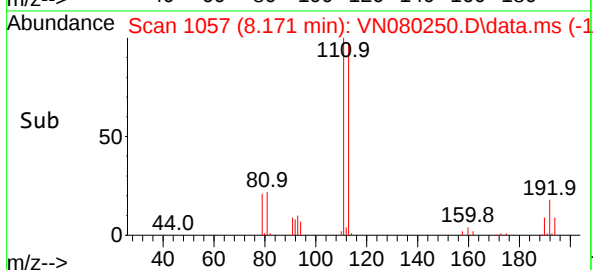
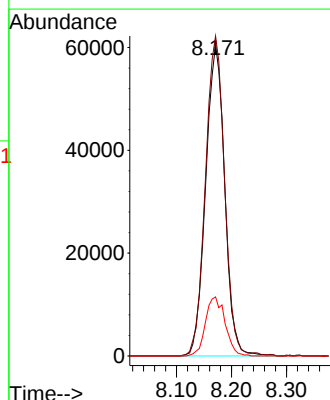
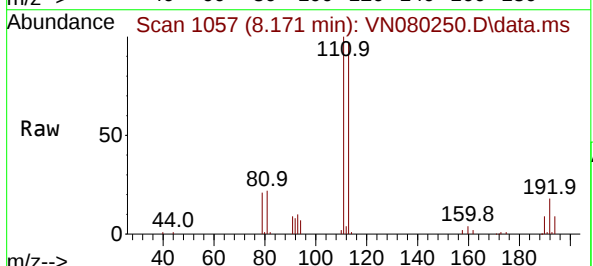
Tgt Ion:113 Resp: 145637

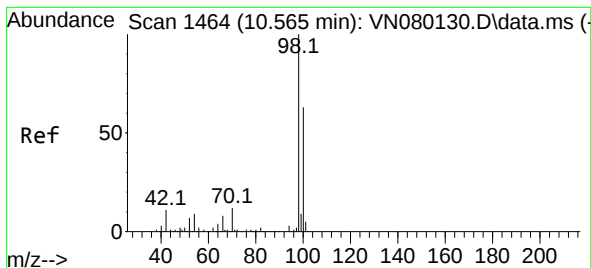
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 19.6 12.7 19.1#





#50

Toluene-d8

Concen: 50.086 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

Instrument :

MSVOA_N

ClientSampleId :

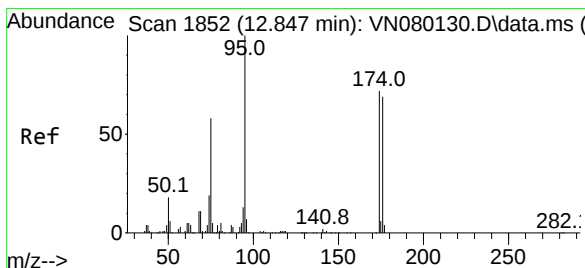
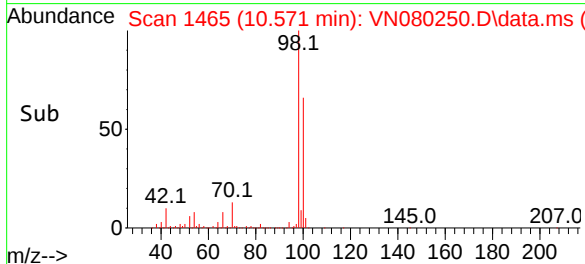
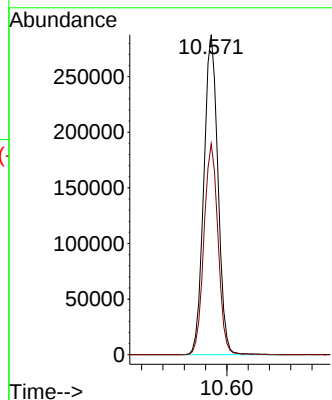
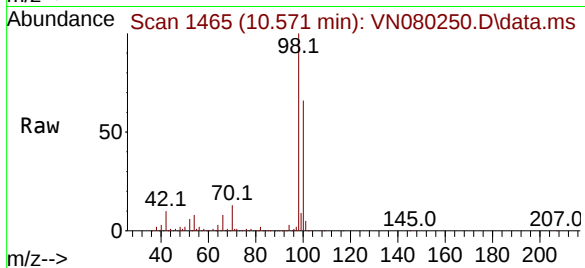
IBLK

Tgt Ion: 98 Resp: 528425

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 57.548 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

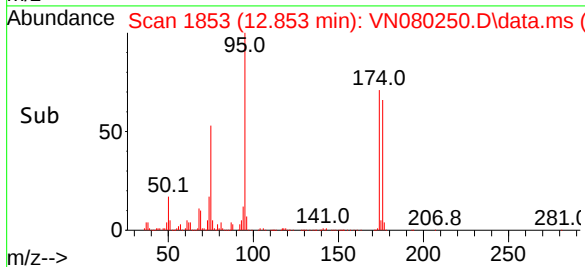
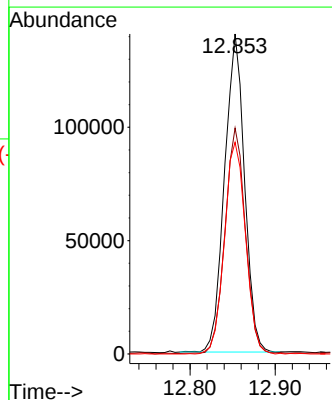
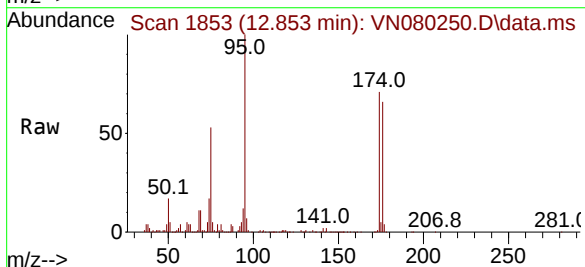
Tgt Ion: 95 Resp: 229330

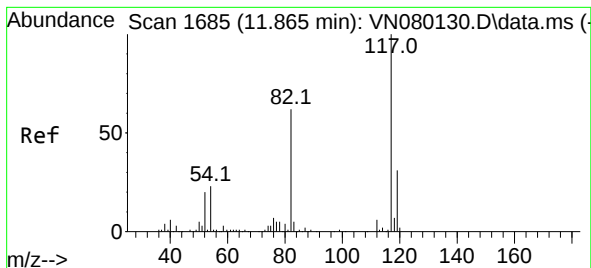
Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.8

176 70.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080250.D

Acq: 22 Nov 2023 16:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

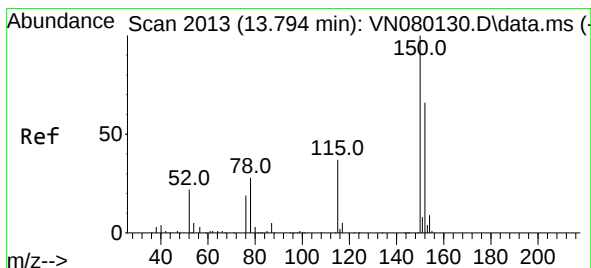
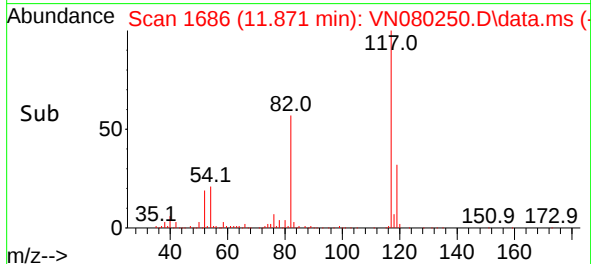
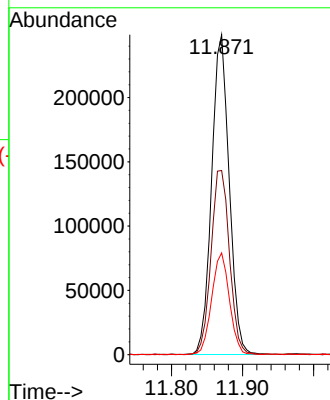
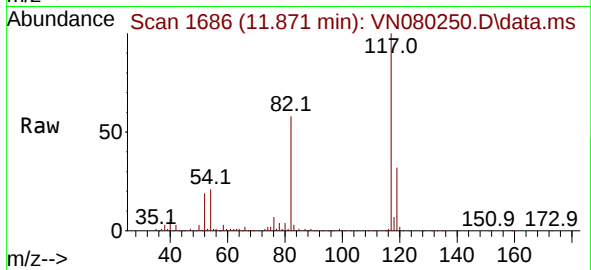
Tgt Ion:117 Resp: 427118

Ion Ratio Lower Upper

117 100

82 57.5 44.0 66.0

119 31.7 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: VN080250.D

Acq: 22 Nov 2023 16:19

Tgt Ion:152 Resp: 203628

Ion Ratio Lower Upper

152 100

115 66.5 32.3 96.8

150 154.6 0.0 355.8

