

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080147.D
 Acq On : 16 Nov 2023 20:45
 Operator : JC\MD
 Sample : 05417-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1113

Quant Time: Nov 17 01:28:56 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	164858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	307908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	329357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156134	57.359	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.720%
35) Dibromofluoromethane	8.171	113	122436	53.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.780%
50) Toluene-d8	10.571	98	413813	50.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.853	95	161465	52.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.400%

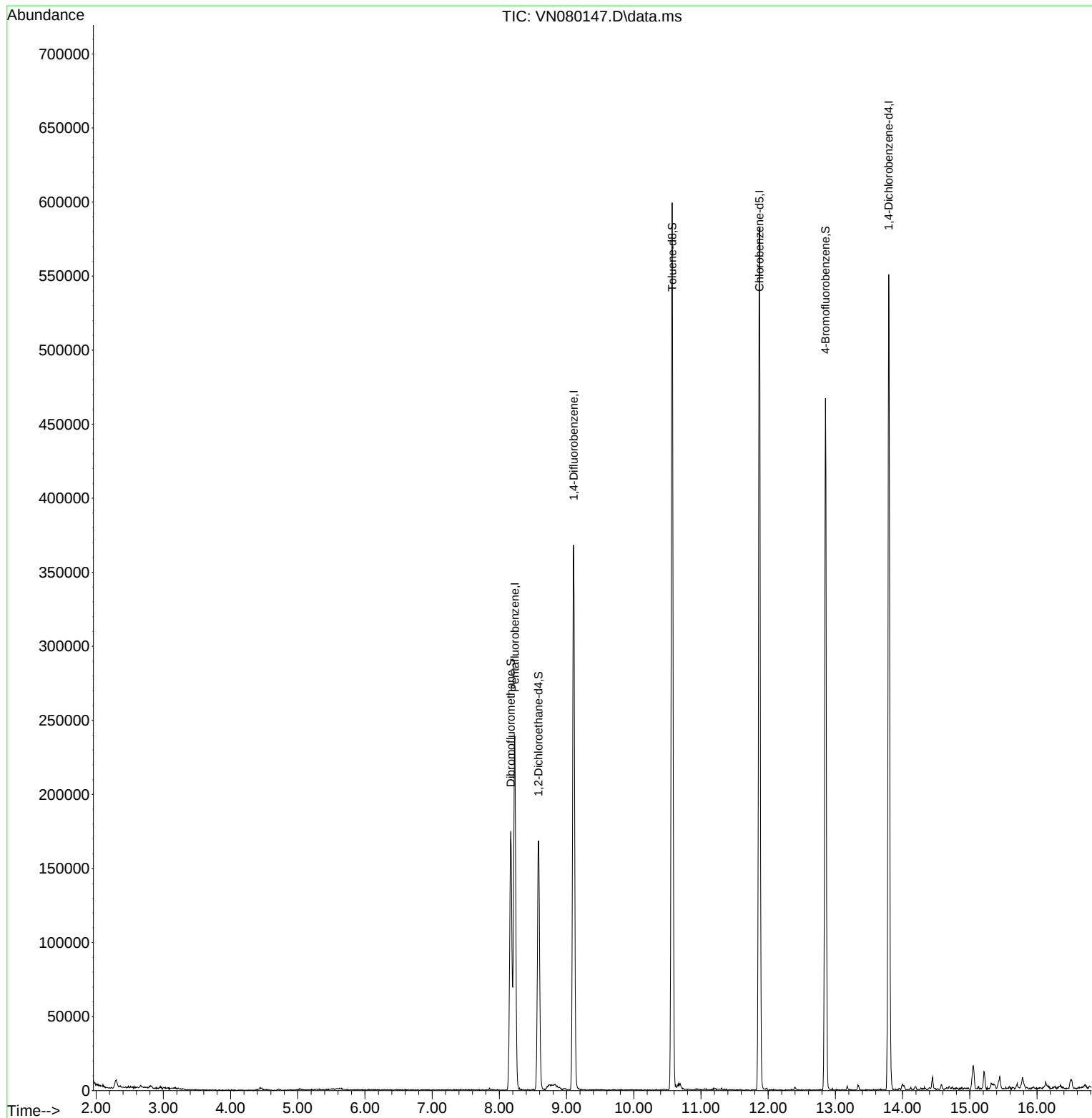
Target Compounds	Qvalue

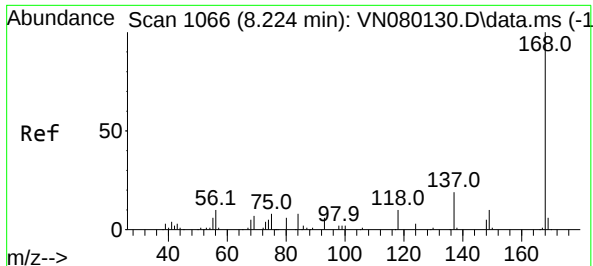
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

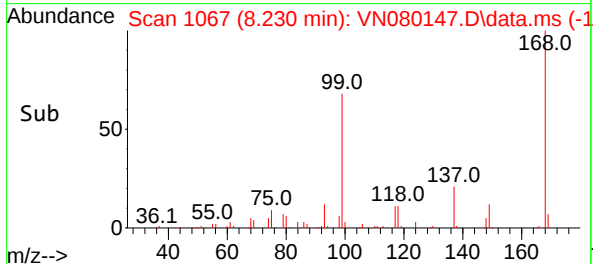
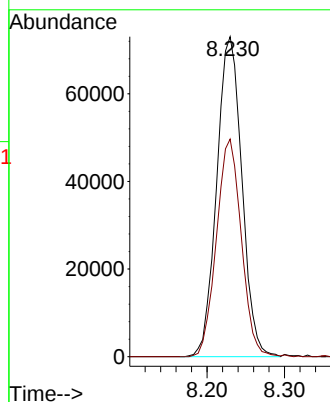
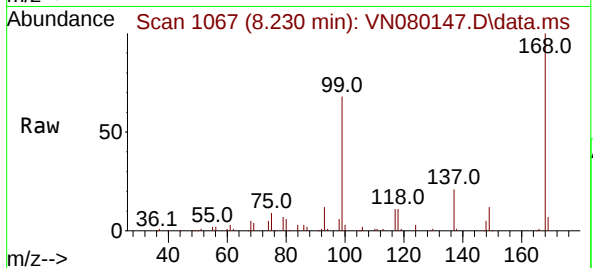




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080147.D
Acq: 16 Nov 2023 20:45

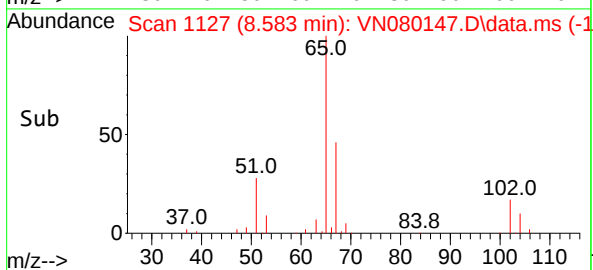
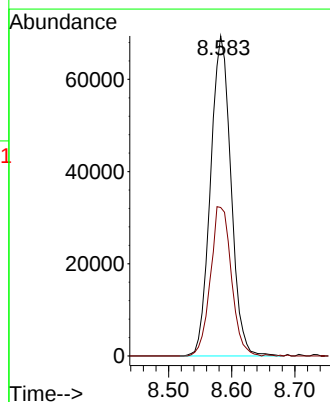
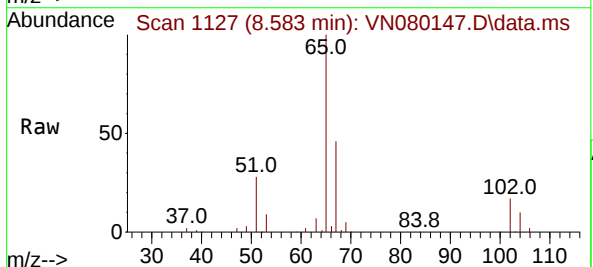
Instrument :
MSVOA_N
ClientSampleId :
1113

Tgt Ion:168 Resp: 164858
Ion Ratio Lower Upper
168 100
99 68.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.359 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080147.D
Acq: 16 Nov 2023 20:45

Tgt Ion: 65 Resp: 156134
Ion Ratio Lower Upper
65 100
67 47.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VN080147.D

Acq: 16 Nov 2023 20:45

Instrument :

MSVOA_N

ClientSampleId :

1113

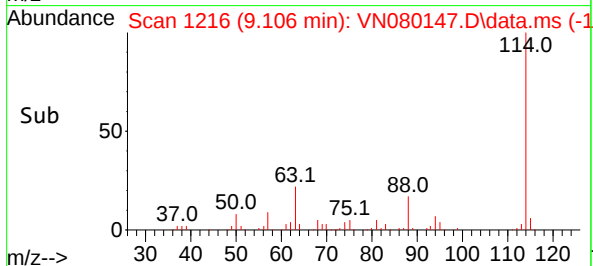
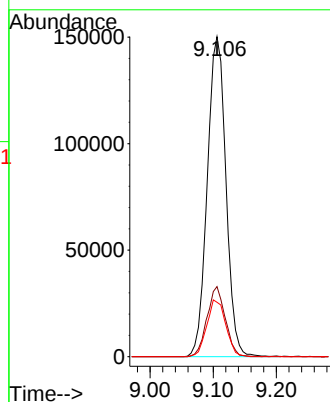
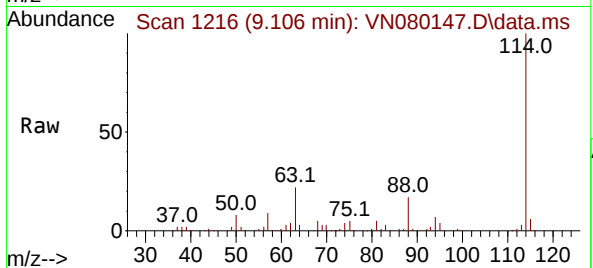
Tgt Ion:114 Resp: 307908

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.890 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080147.D

Acq: 16 Nov 2023 20:45

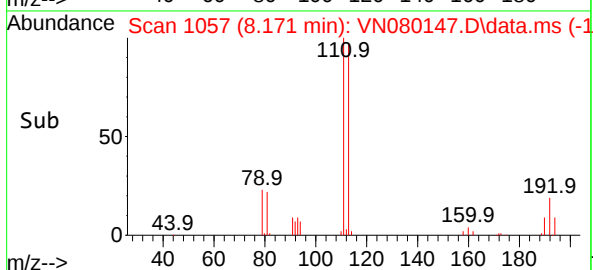
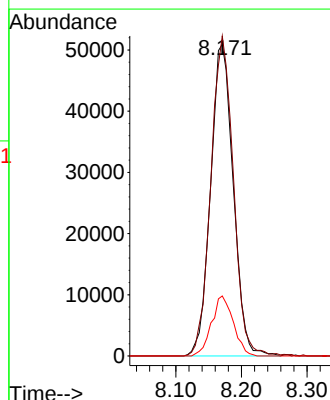
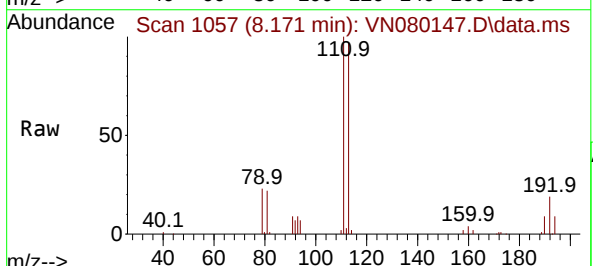
Tgt Ion:113 Resp: 122436

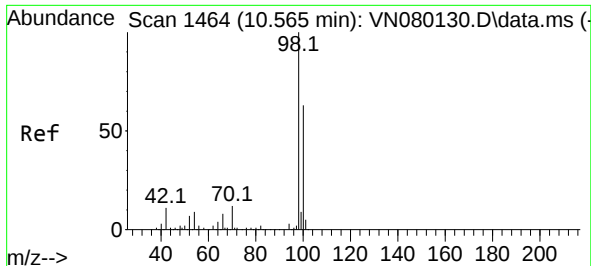
Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 18.4 12.7 19.1

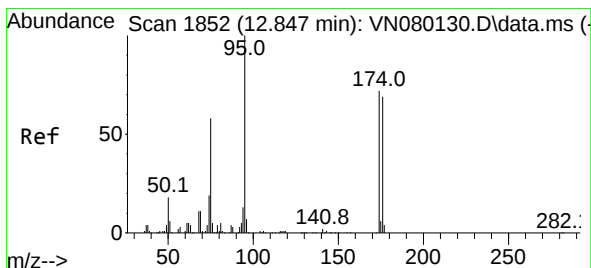
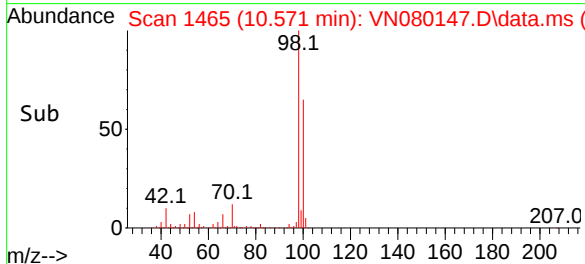
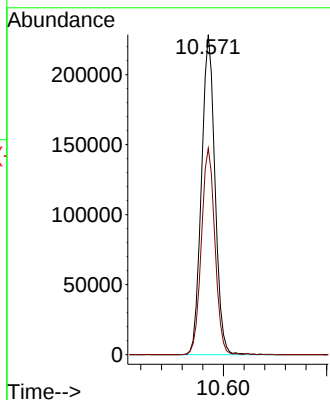
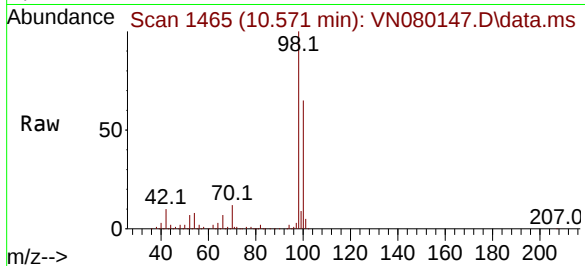




#50
Toluene-d8
Concen: 50.527 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080147.D
Acq: 16 Nov 2023 20:45

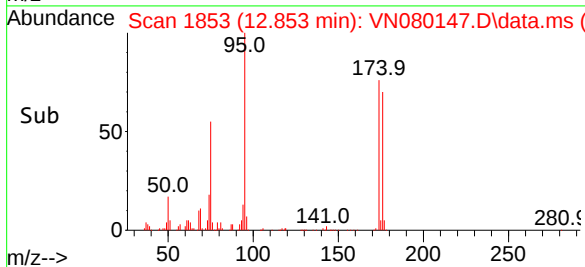
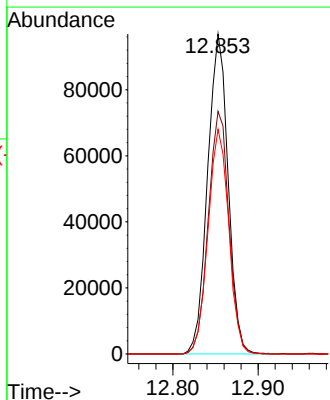
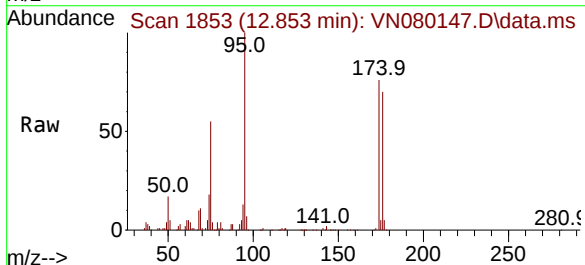
Instrument :
MSVOA_N
ClientSampleId :
1113

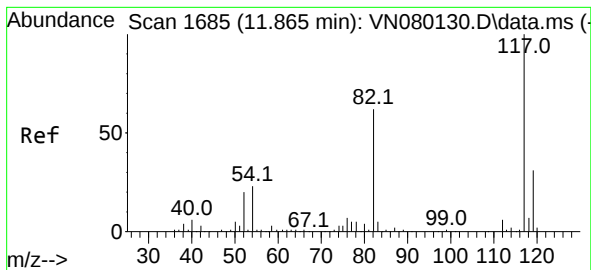
Tgt Ion: 98 Resp: 413813
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.195 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080147.D
Acq: 16 Nov 2023 20:45

Tgt Ion: 95 Resp: 161465
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 71.1 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: VN080147.D

Acq: 16 Nov 2023 20:45

Instrument :

MSVOA_N

ClientSampleId :

1113

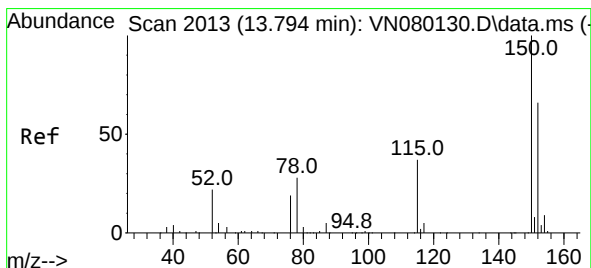
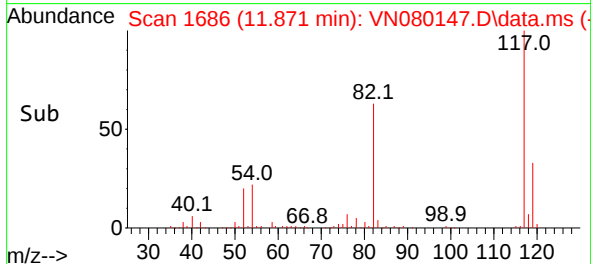
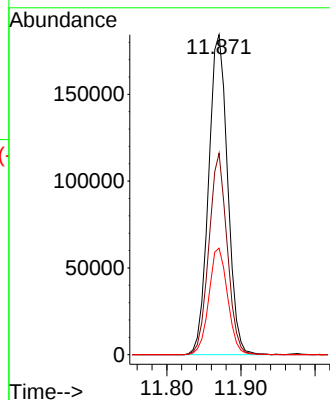
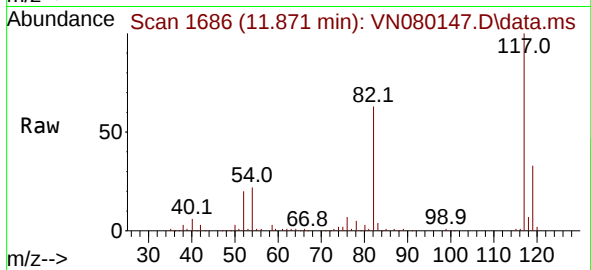
Tgt Ion:117 Resp: 329357

Ion Ratio Lower Upper

117 100

82 62.9 44.0 66.0

119 33.3 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: VN080147.D

Acq: 16 Nov 2023 20:45

Tgt Ion:152 Resp: 145415

Ion Ratio Lower Upper

152 100

115 64.7 32.3 96.8

150 157.7 0.0 355.8

