

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080410.D
 Acq On : 08 Dec 2023 16:46
 Operator : JC\MD
 Sample : 05729-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Dec 08 22:41:59 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	8.224	168	324491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	607966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	668851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	313245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	264581	49.382	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.760%
35) Dibromofluoromethane	8.165	113	222016	49.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	10.570	98	825217	51.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.853	95	359529	58.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.720%

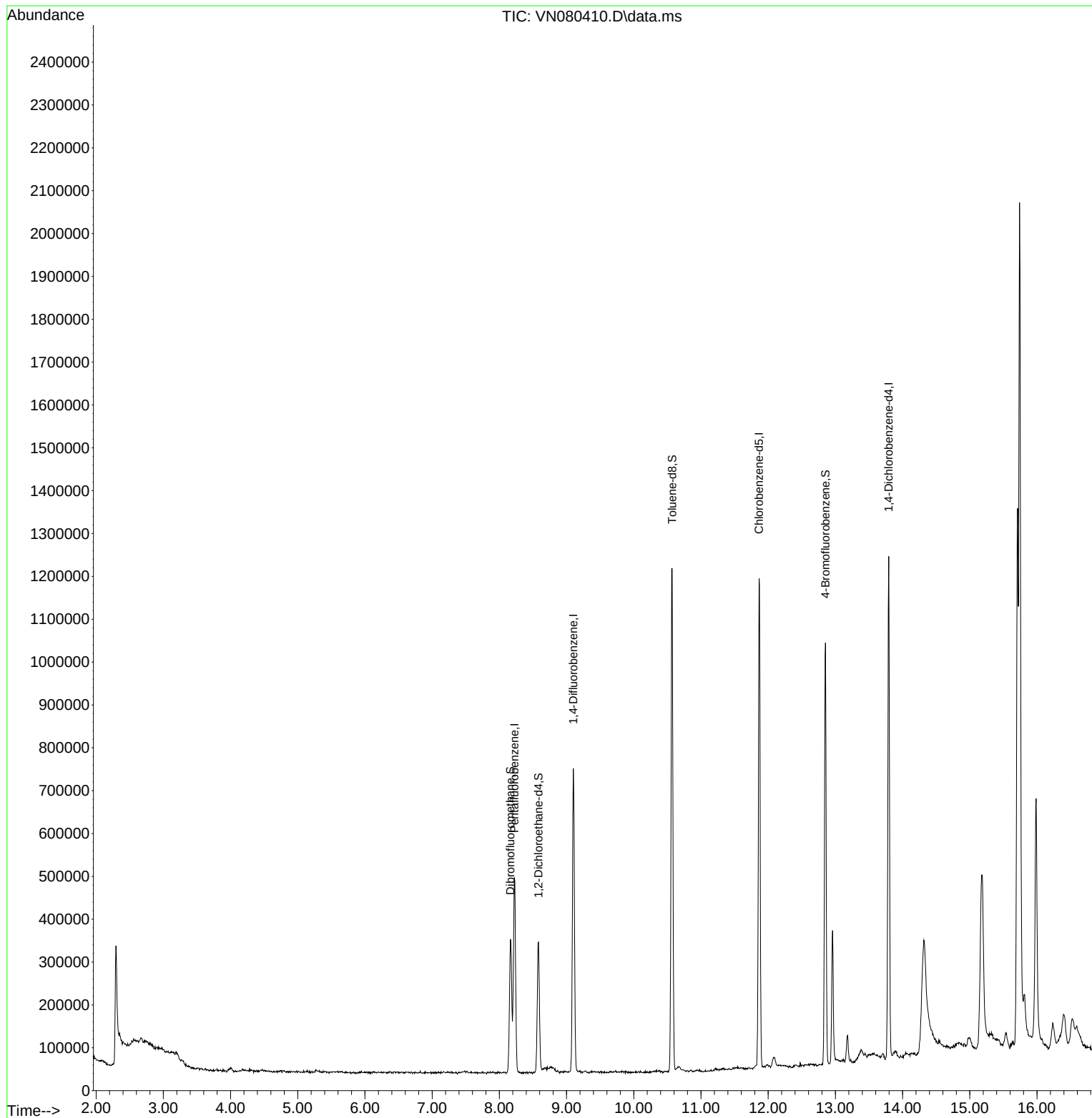
Target Compounds	Qvalue

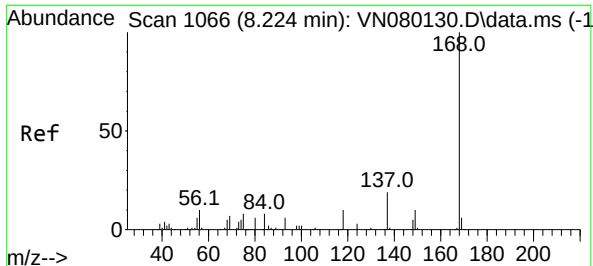
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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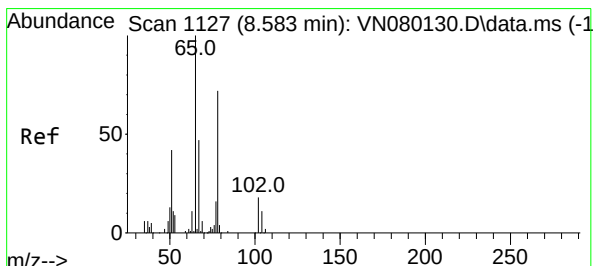
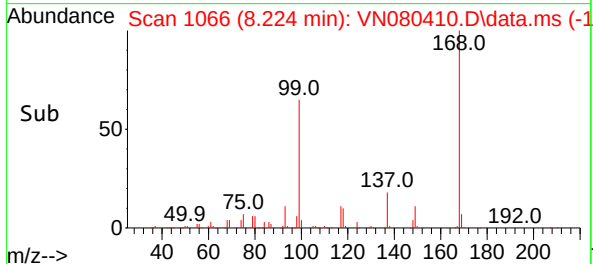
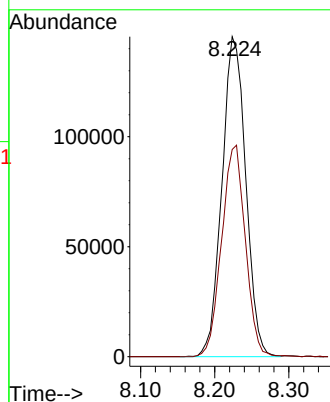
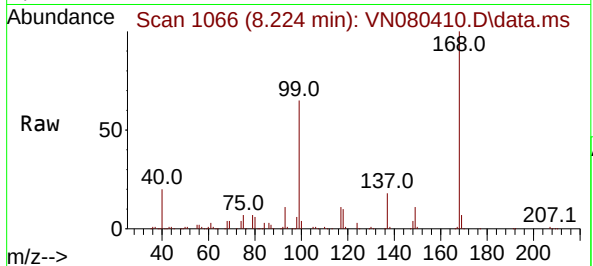




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080410.D
Acq: 08 Dec 2023 16:46

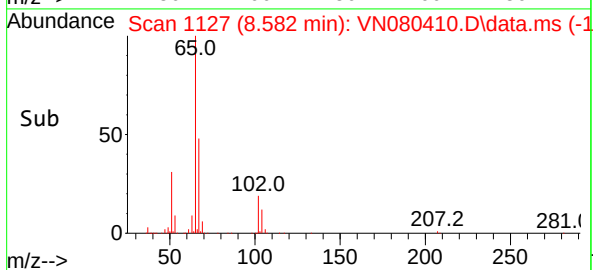
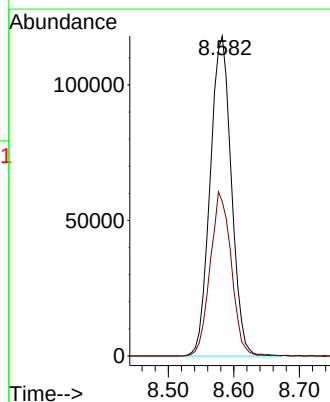
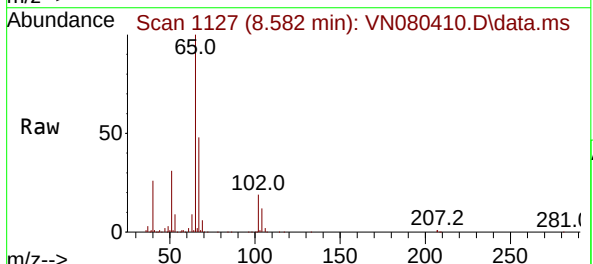
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

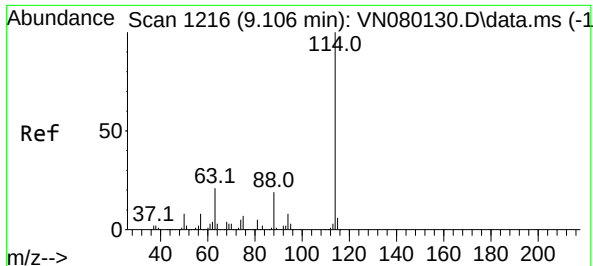
Tgt Ion:168 Resp: 324491
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.382 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080410.D
Acq: 08 Dec 2023 16:46

Tgt Ion: 65 Resp: 264581
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080410.D

Acq: 08 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

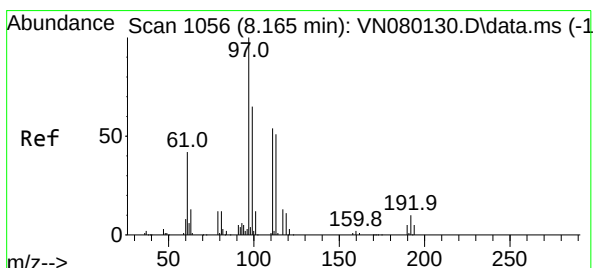
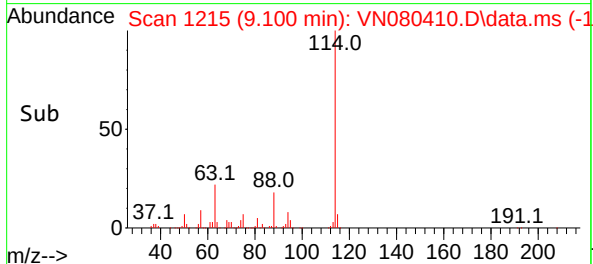
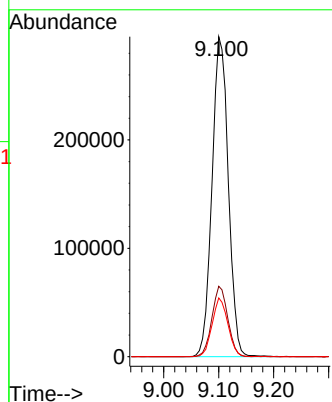
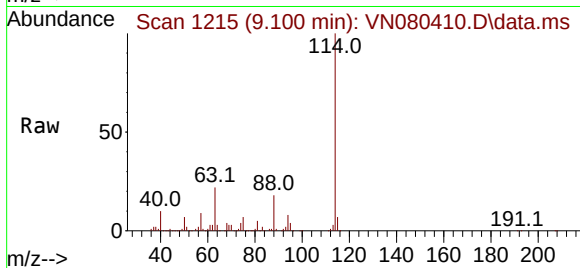
Tgt Ion:114 Resp: 607966

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 18.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.491 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080410.D

Acq: 08 Dec 2023 16:46

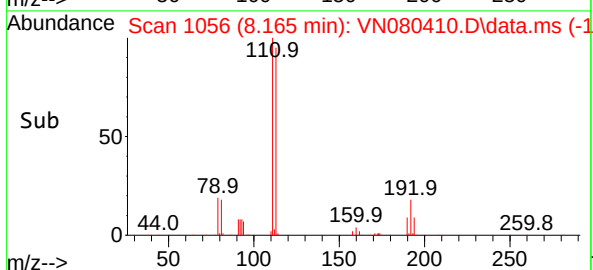
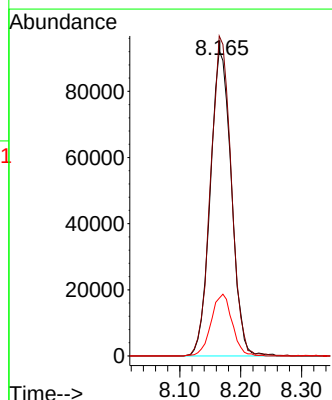
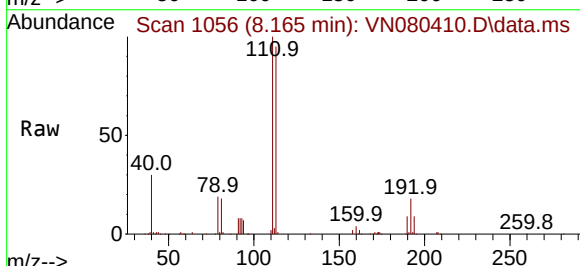
Tgt Ion:113 Resp: 222016

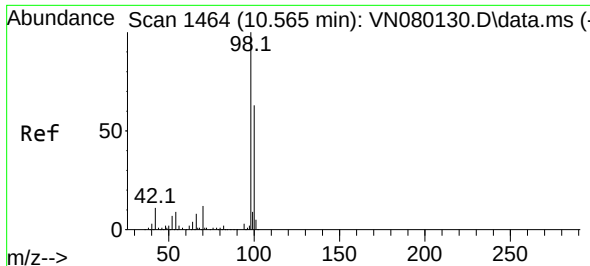
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 20.2 12.7 19.1#

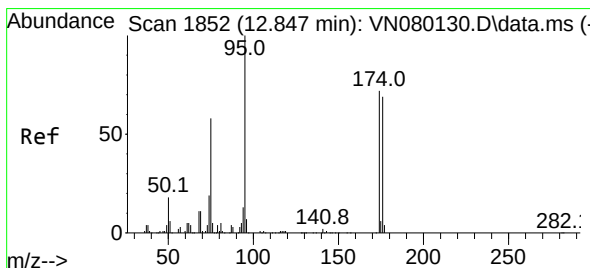
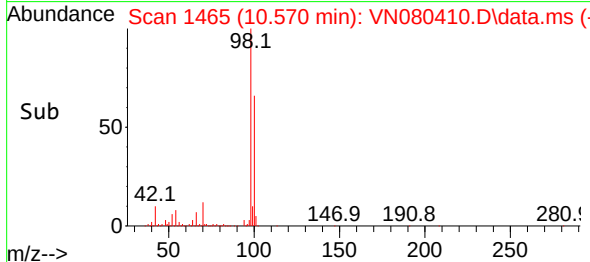
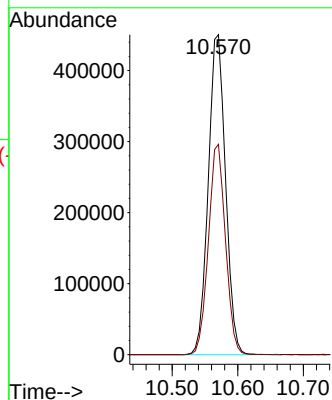
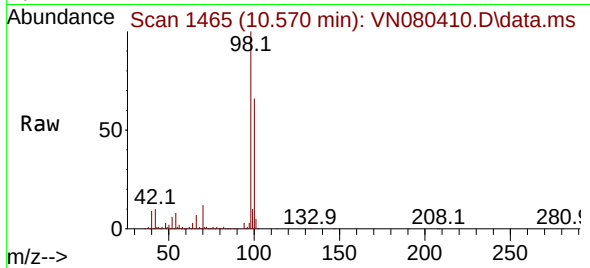




#50
Toluene-d8
Concen: 51.030 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080410.D
Acq: 08 Dec 2023 16:46

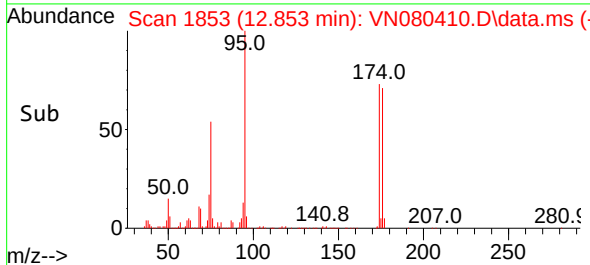
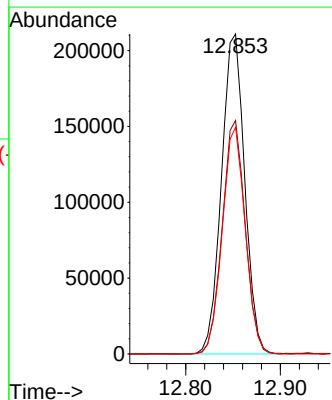
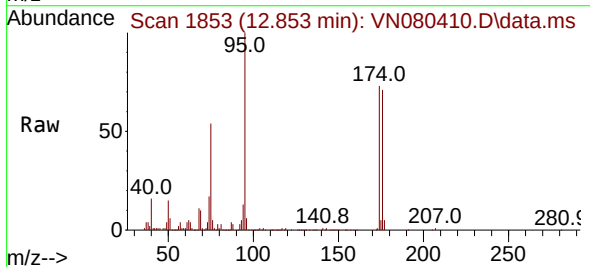
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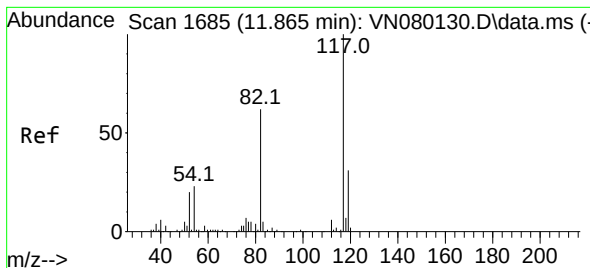
Tgt Ion: 98 Resp: 825217
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080410.D
Acq: 08 Dec 2023 16:46

Tgt Ion: 95 Resp: 359529
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080410.D

Acq: 08 Dec 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

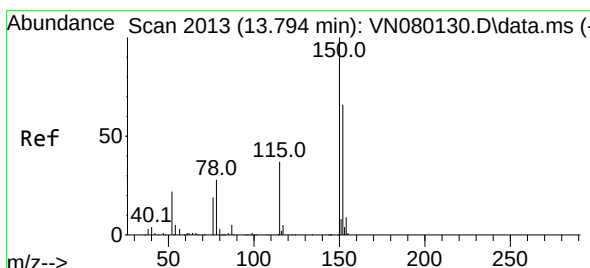
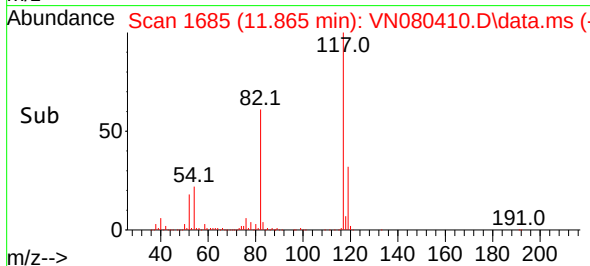
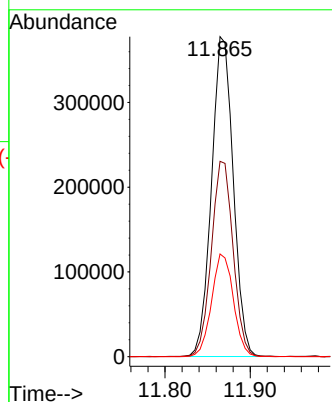
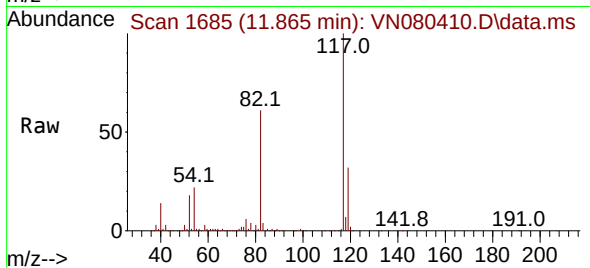
Tgt Ion:117 Resp: 668851

Ion Ratio Lower Upper

117 100

82 61.0 44.0 66.0

119 32.1 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: VN080410.D

Acq: 08 Dec 2023 16:46

Tgt Ion:152 Resp: 313245

Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

150 156.3 0.0 355.8

