

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080525.D
 Acq On : 19 Dec 2023 17:09
 Operator : JC\MD
 Sample : 05874-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Dec 20 04:04:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	229922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	417169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	431104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	197768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157350	53.582	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.160%	
35) Dibromofluoromethane	8.165	113	137639	52.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.080%	
50) Toluene-d8	10.565	98	486795	49.348	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.847	95	205900	54.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.940%	

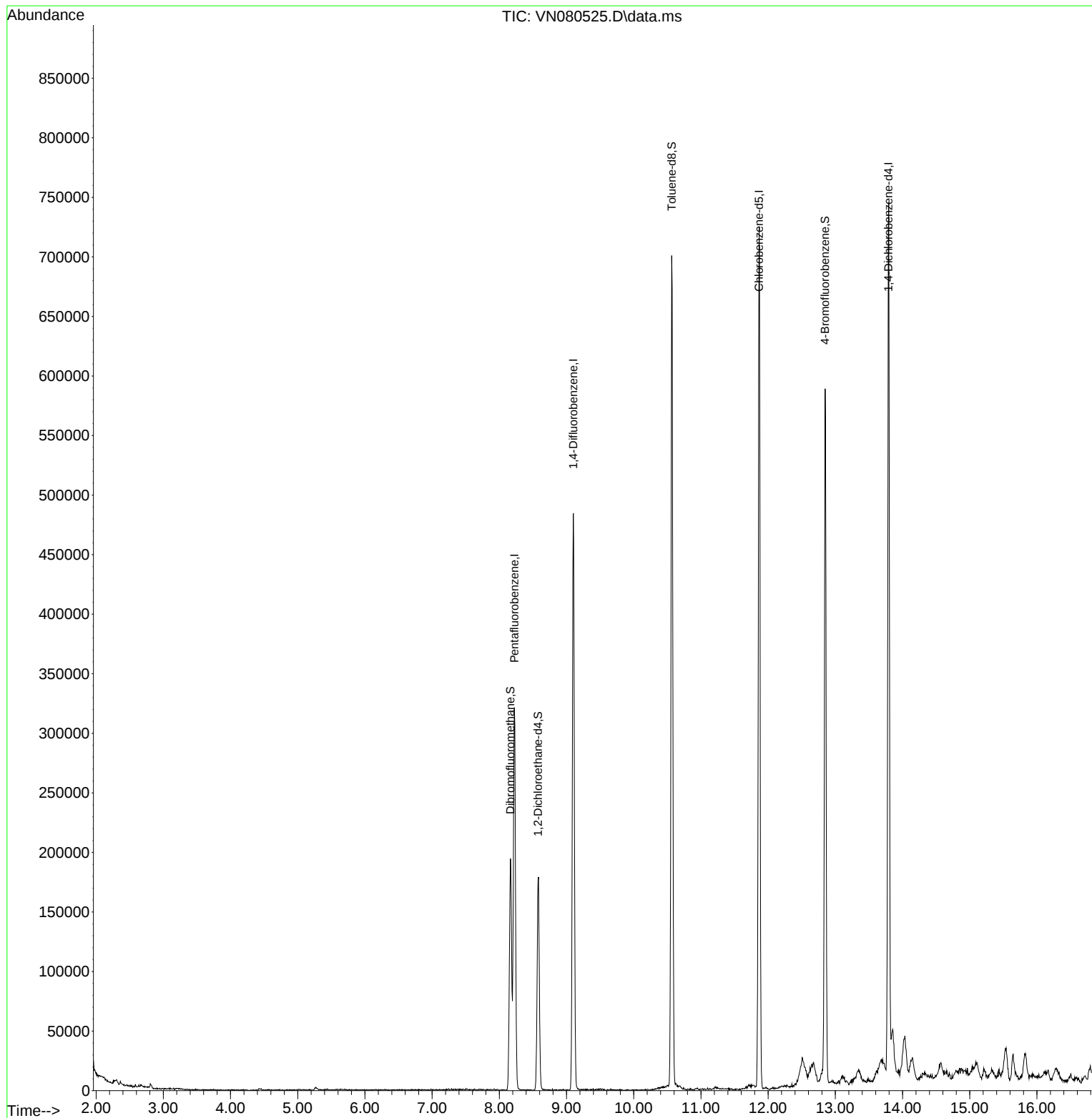
Target Compounds	Qvalue

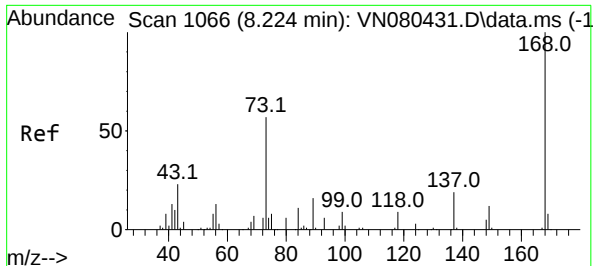
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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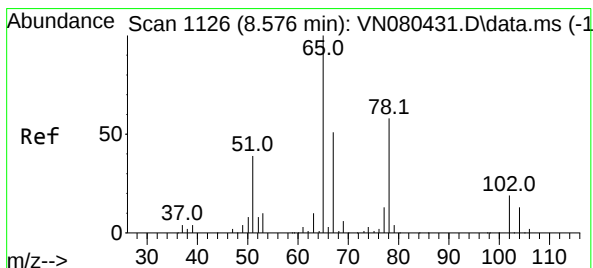
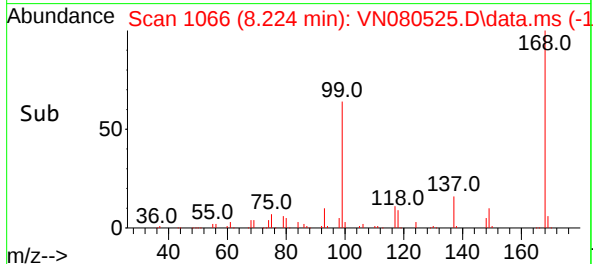
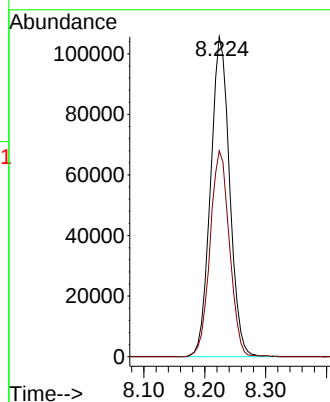
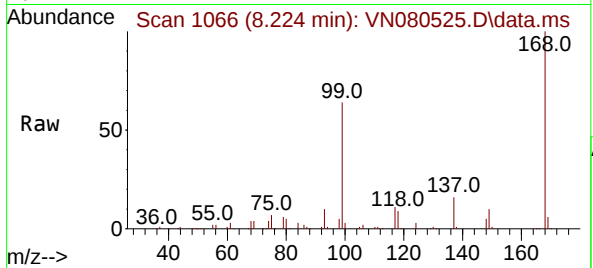




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

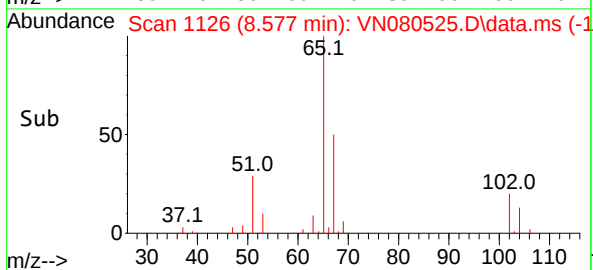
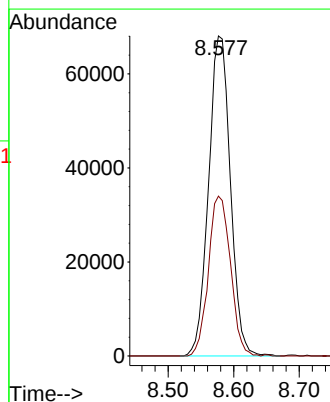
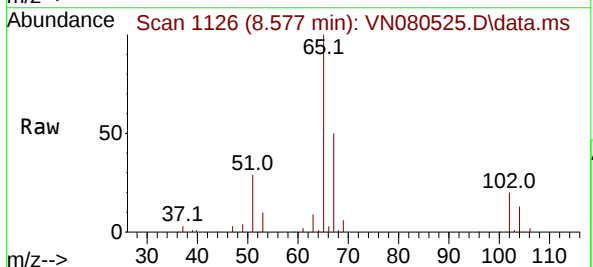
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

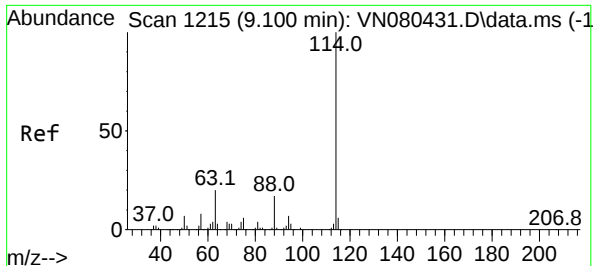
Tgt Ion:168 Resp: 229922
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.582 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

Tgt Ion: 65 Resp: 157350
Ion Ratio Lower Upper
65 100
67 50.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080525.D

Acq: 19 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

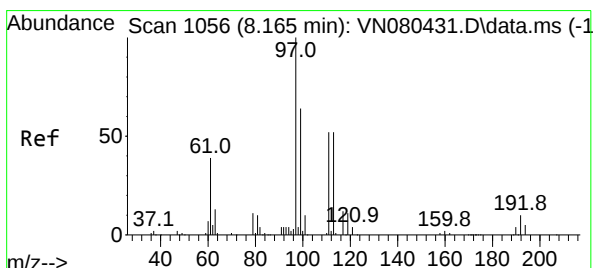
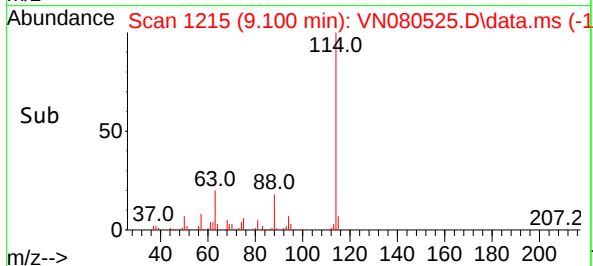
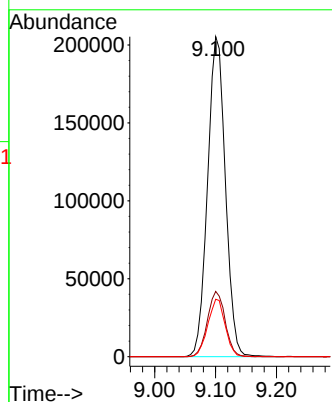
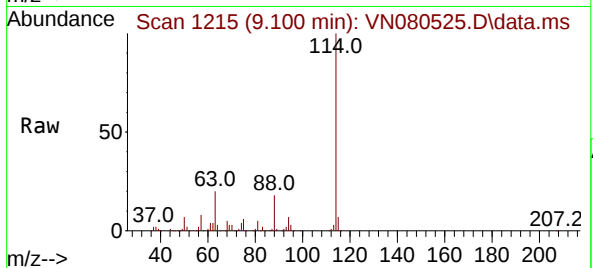
Tgt Ion:114 Resp: 417169

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 18.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.037 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080525.D

Acq: 19 Dec 2023 17:09

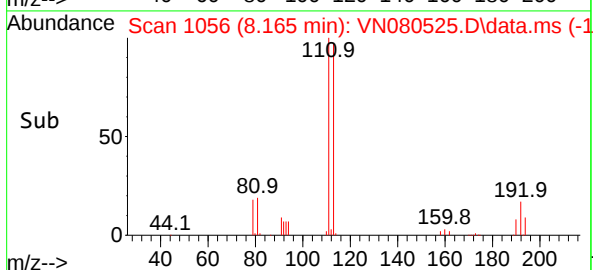
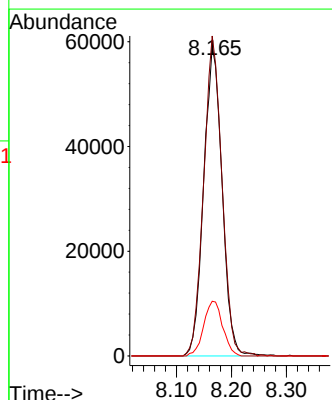
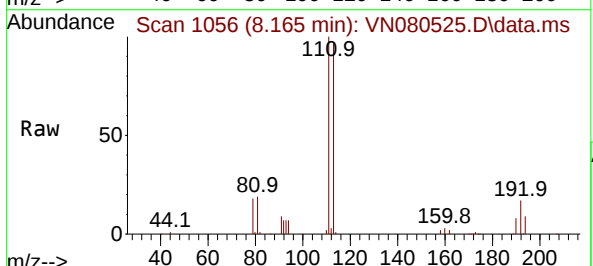
Tgt Ion:113 Resp: 137639

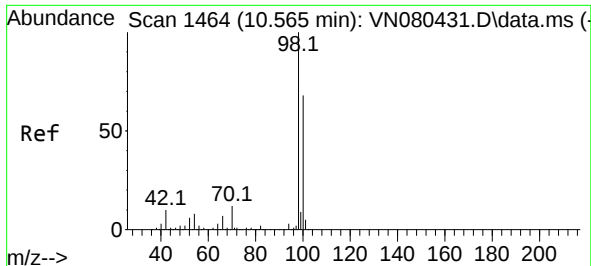
Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 18.2 12.7 19.1

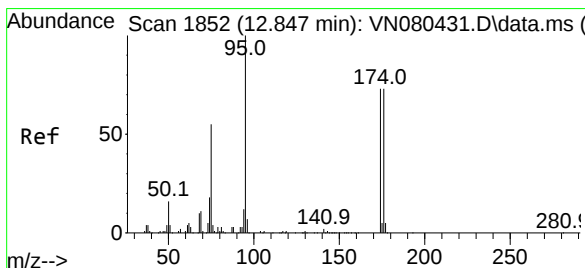
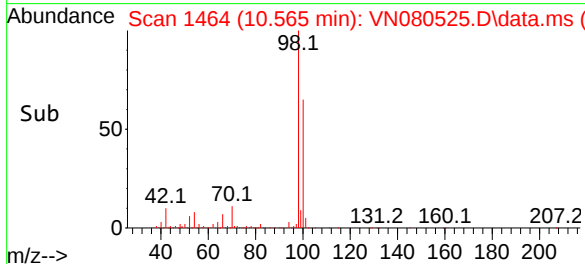
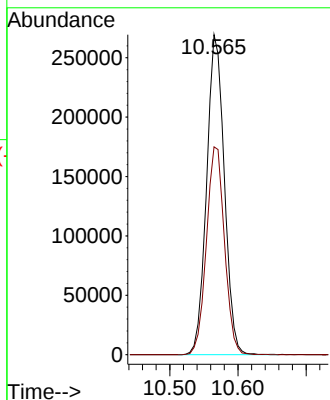
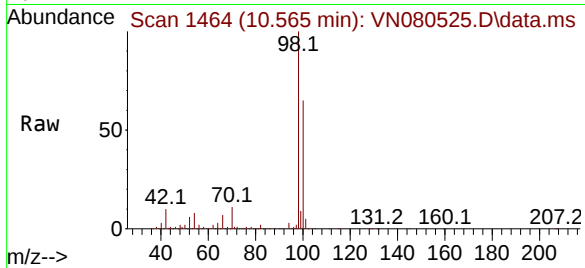




#50
Toluene-d8
Concen: 49.348 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

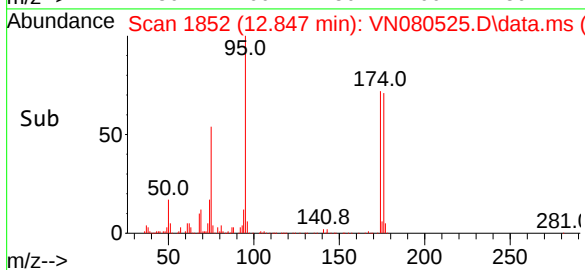
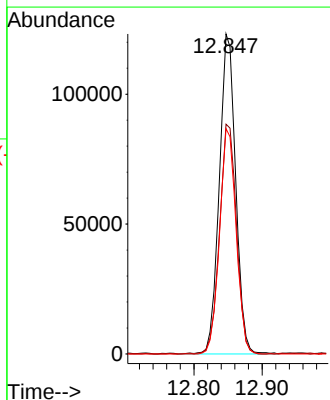
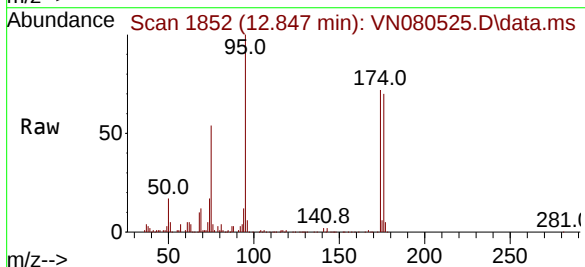
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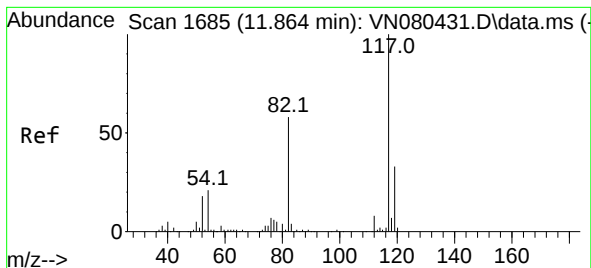
Tgt Ion: 98 Resp: 486795
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.968 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080525.D
Acq: 19 Dec 2023 17:09

Tgt Ion: 95 Resp: 205900
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.1 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: VN080525.D

Acq: 19 Dec 2023 17:09

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

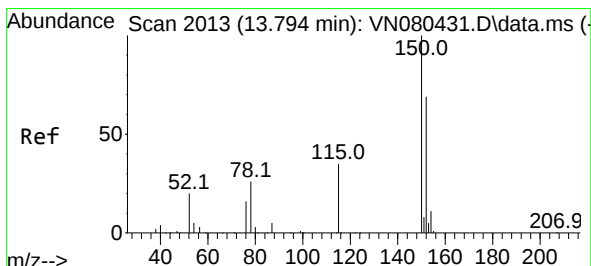
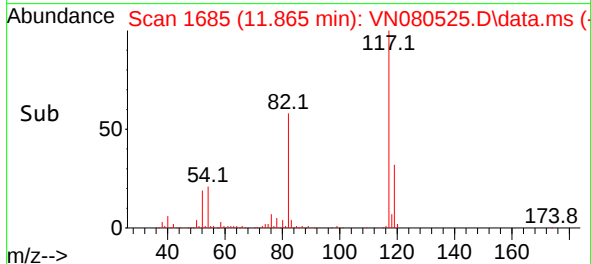
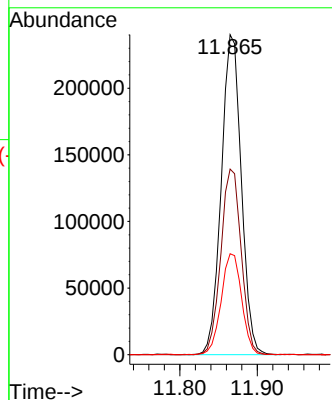
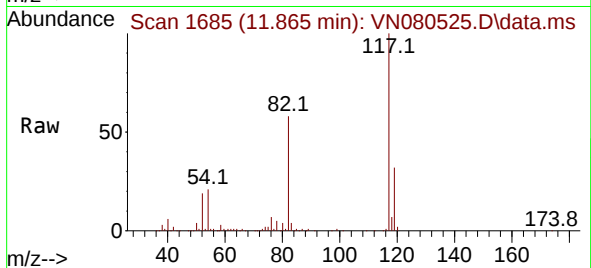
Tgt Ion:117 Resp: 431104

Ion Ratio Lower Upper

117 100

82 58.0 44.0 66.0

119 31.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN080525.D

Acq: 19 Dec 2023 17:09

Tgt Ion:152 Resp: 197768

Ion Ratio Lower Upper

152 100

115 66.1 32.3 96.8

150 159.1 0.0 355.8

