

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081879.D
 Acq On : 26 Apr 2024 15:44
 Operator : JC\MD
 Sample : P2282-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 26 23:01:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	216606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	407974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	360545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	163454	44.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.420%
35) Dibromofluoromethane	8.171	113	121345	49.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	10.565	98	500333	51.863	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.853	95	177627	46.578	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.160%

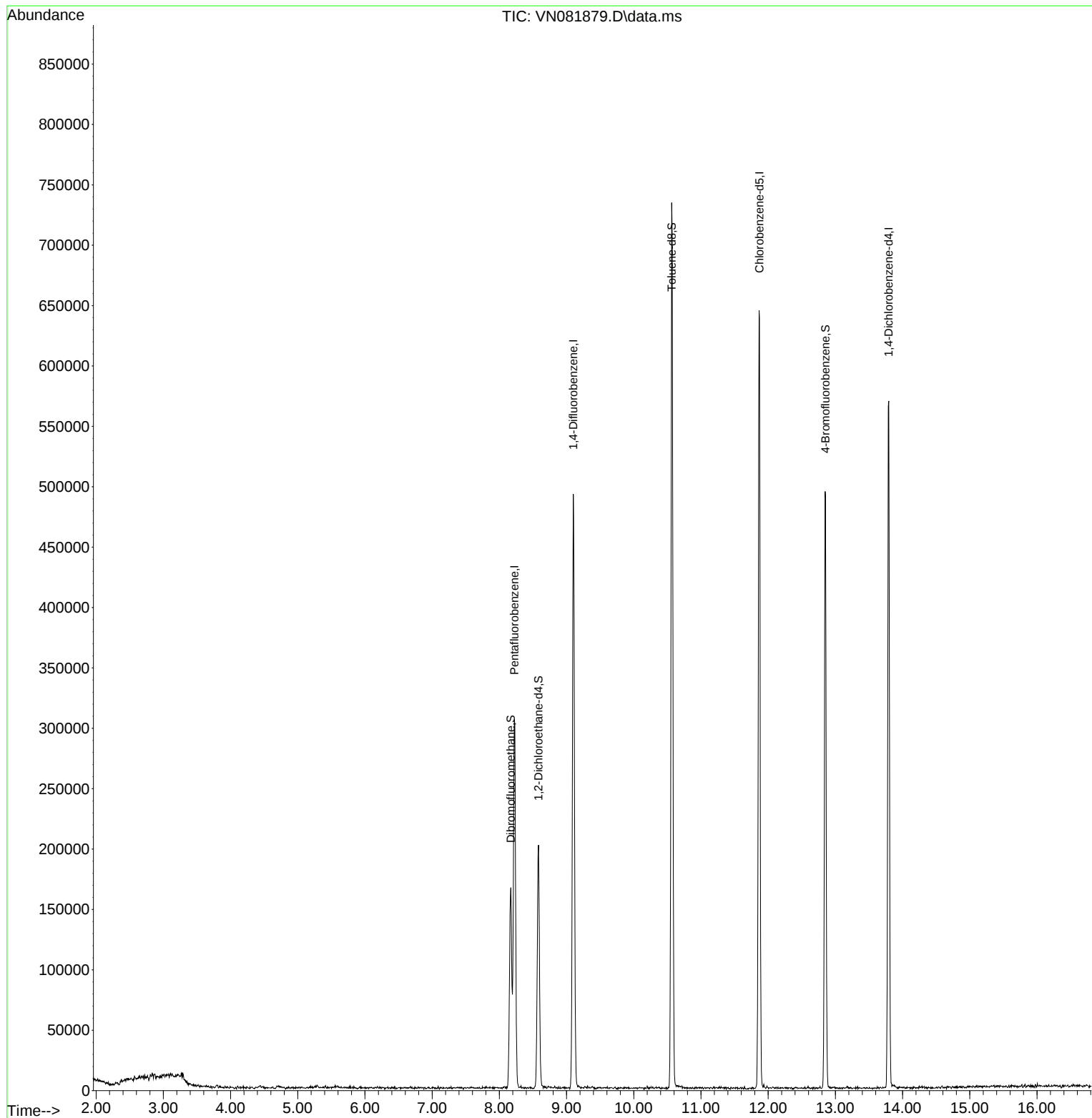
Target Compounds	Qvalue

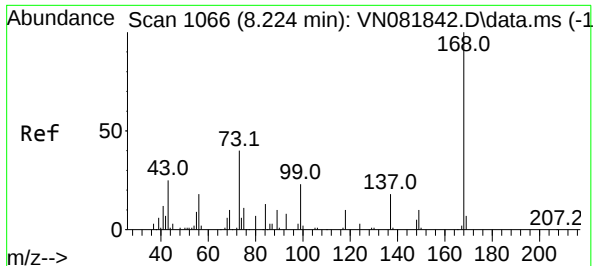
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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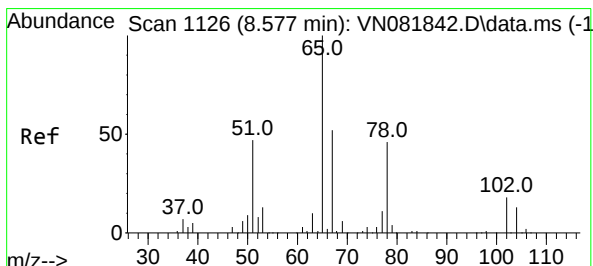
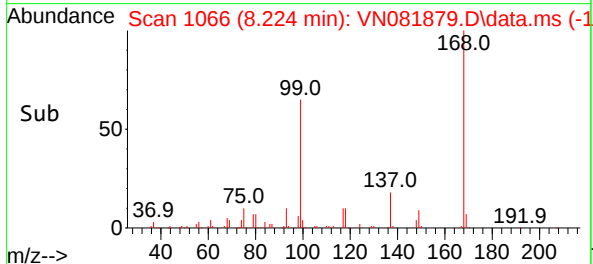
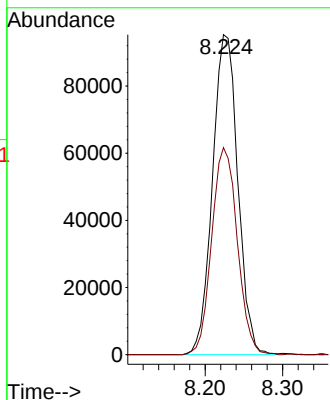
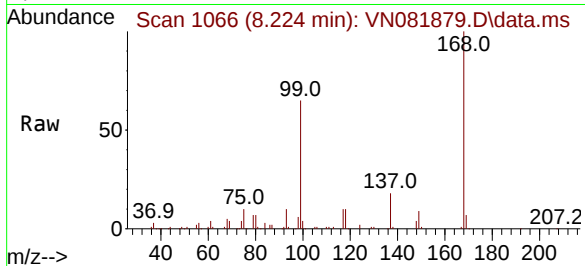




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

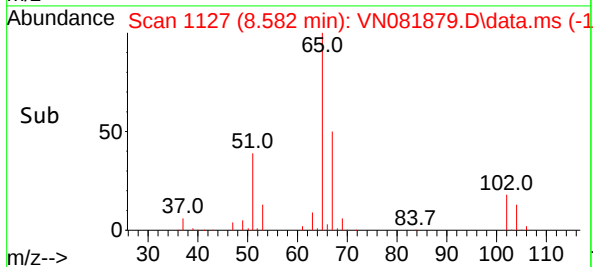
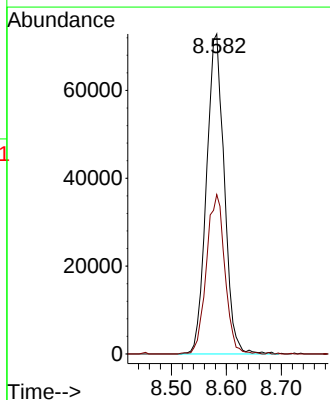
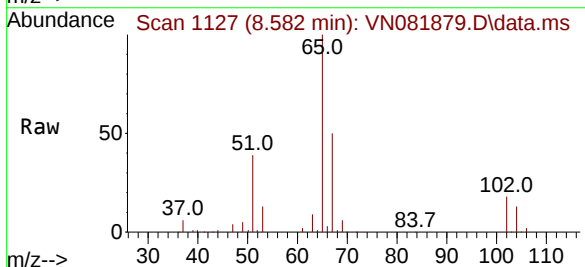
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

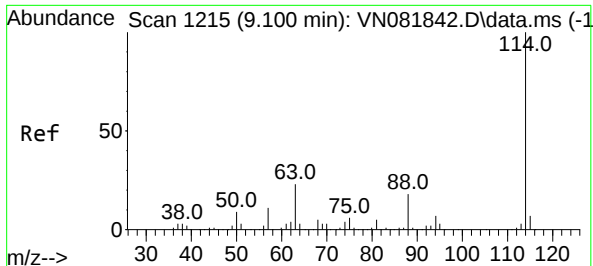
Tgt Ion:168 Resp: 216606
Ion Ratio Lower Upper
168 100
99 64.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 44.712 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

Tgt Ion: 65 Resp: 163454
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

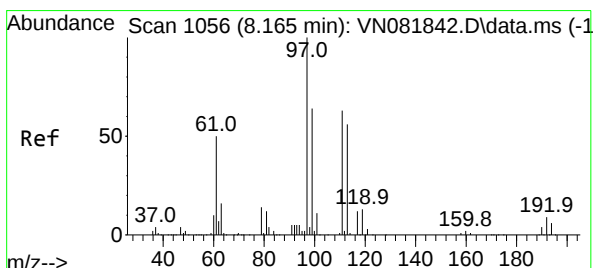
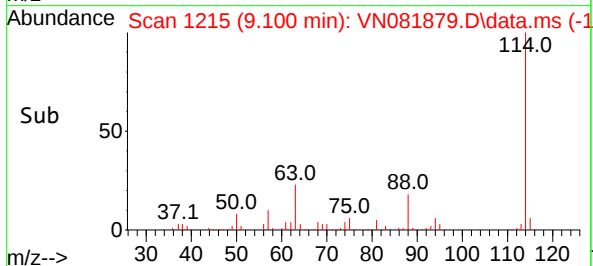
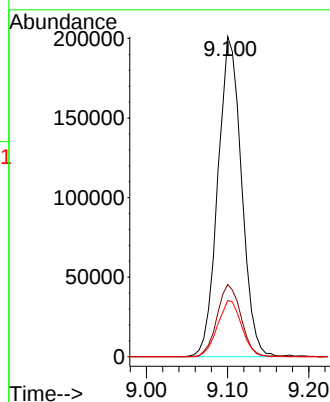
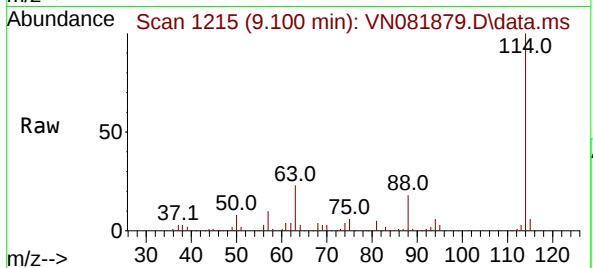
Tgt Ion:114 Resp: 407974

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.0

88 17.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.400 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

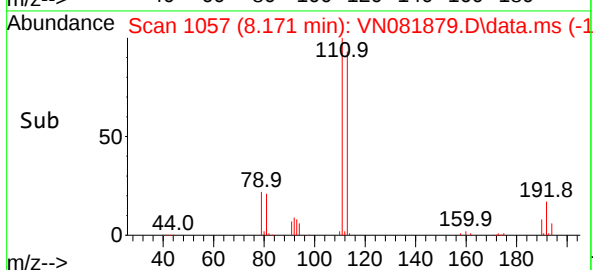
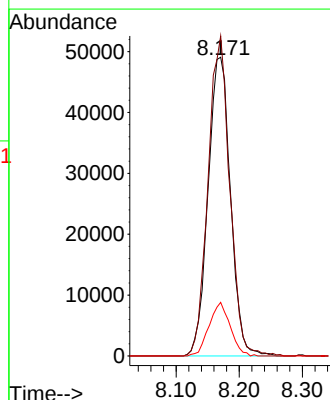
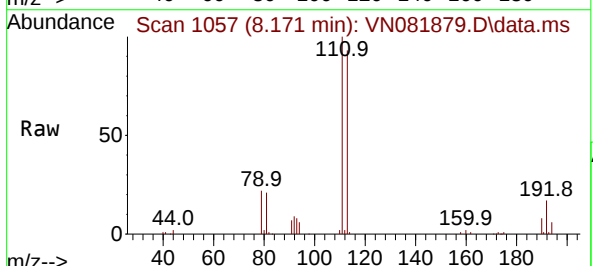
Tgt Ion:113 Resp: 121345

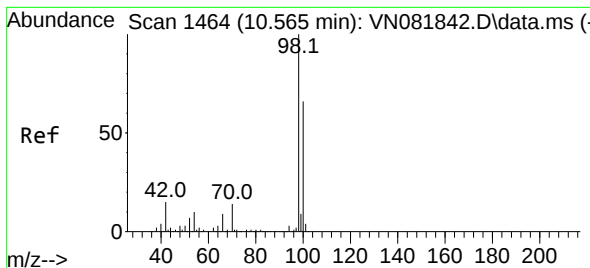
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 16.9 14.0 21.0





#50

Toluene-d8

Concen: 51.863 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

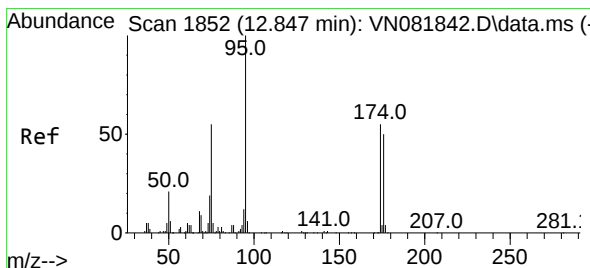
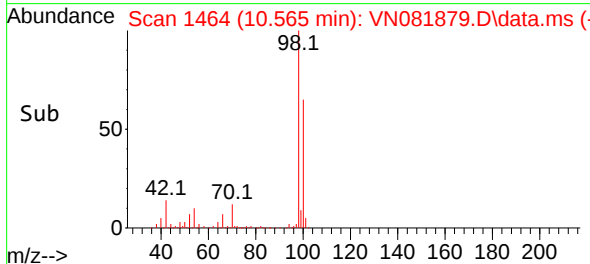
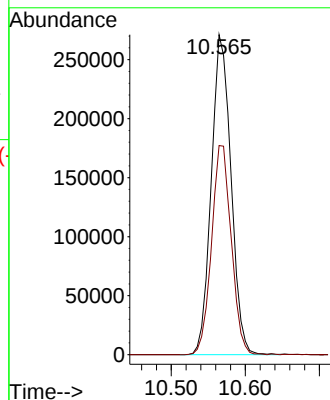
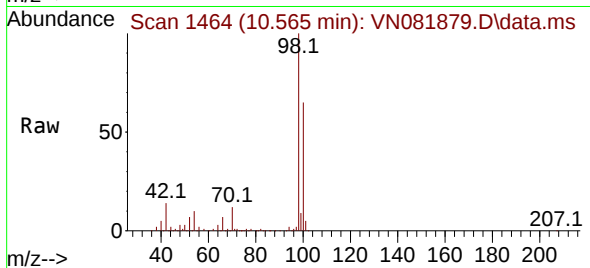
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 500333

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.578 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

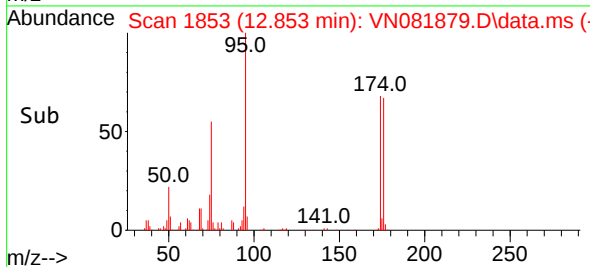
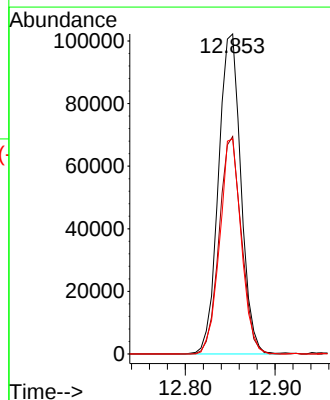
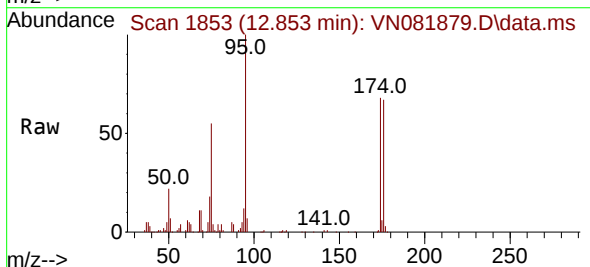
Tgt Ion: 95 Resp: 177627

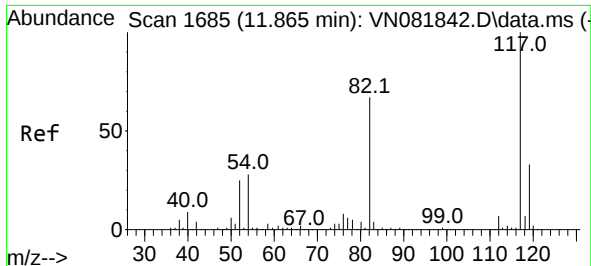
Ion Ratio Lower Upper

95 100

174 67.3 0.0 160.6

176 64.5 0.0 152.8

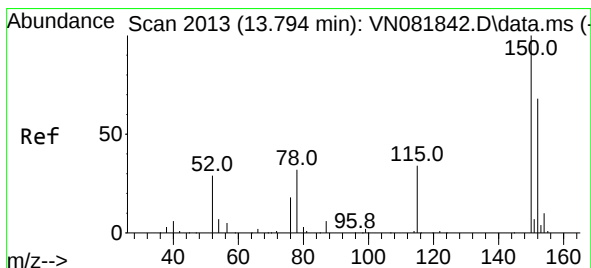
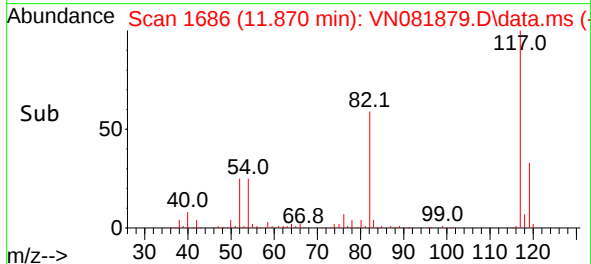
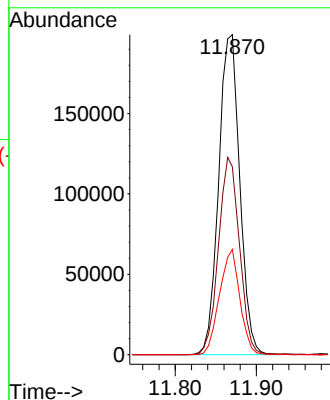
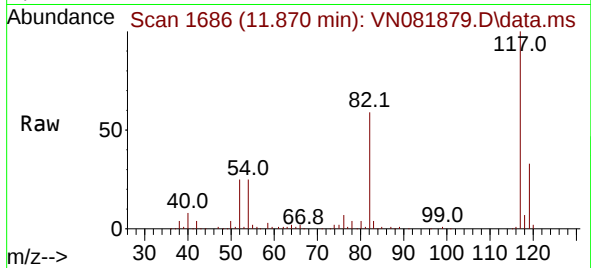




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

Instrument :
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STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 360545
Ion Ratio Lower Upper
117 100
82 58.7 44.6 66.8
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

Tgt Ion:152 Resp: 148207
Ion Ratio Lower Upper
152 100
115 62.6 30.4 91.3
150 159.0 0.0 353.2

