

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082921.D
 Acq On : 15 Jul 2024 16:39
 Operator : JC\MD
 Sample : P3250-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Jul 16 01:25:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	101438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	195942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	192743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	79283	55.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.520%
35) Dibromofluoromethane	8.165	113	64943	51.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.300%
50) Toluene-d8	10.571	98	227310	48.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.853	95	77326	46.355	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.720%

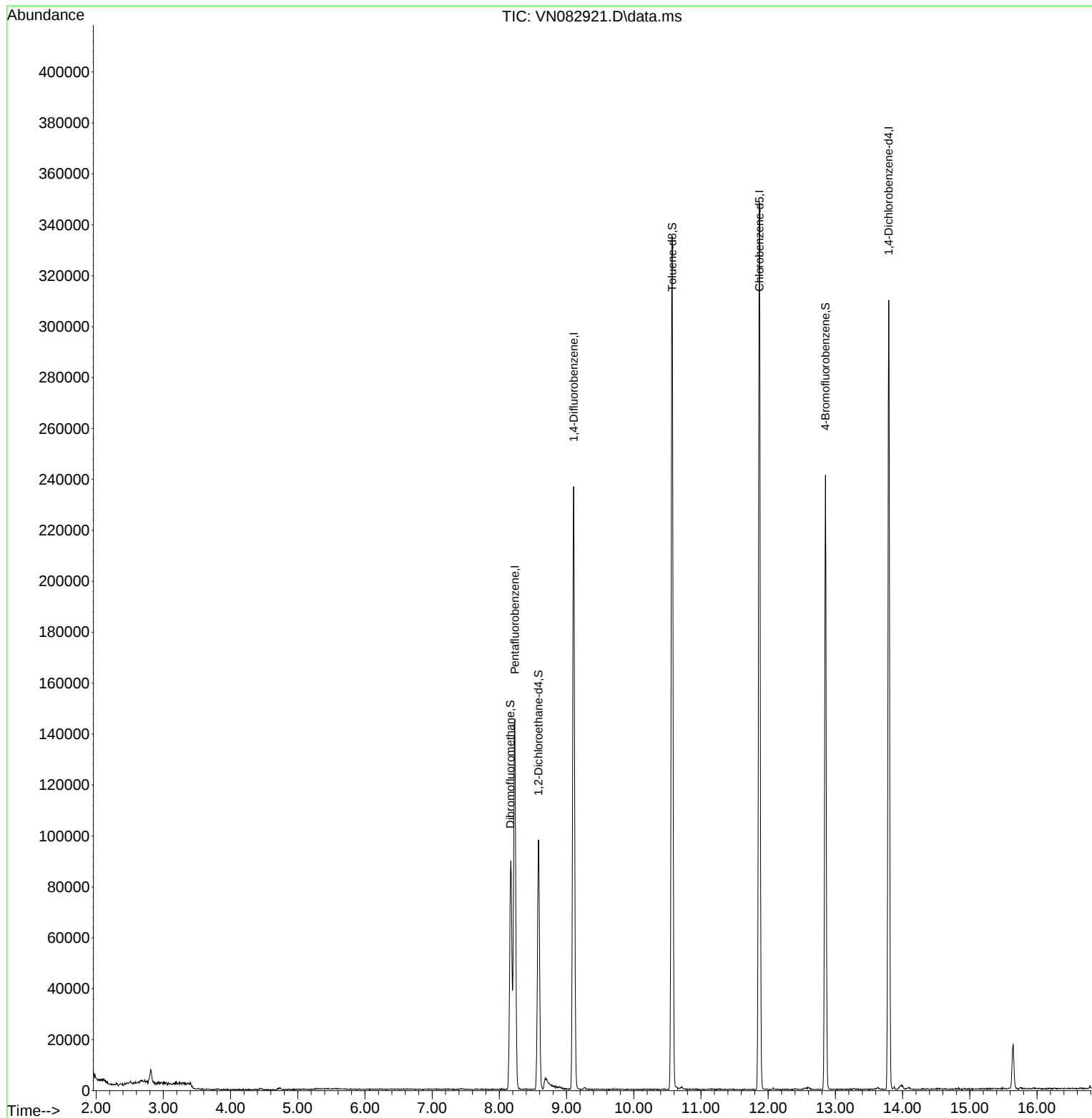
Target Compounds	Qvalue

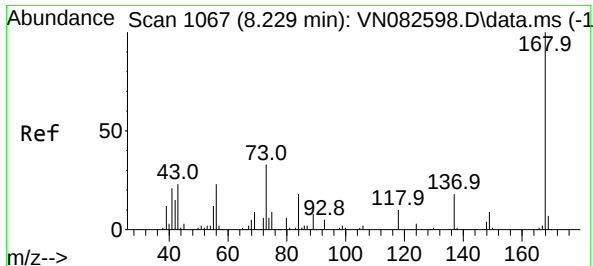
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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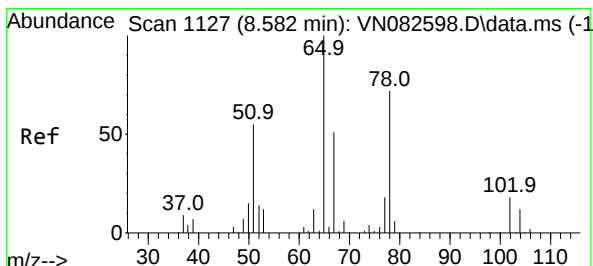
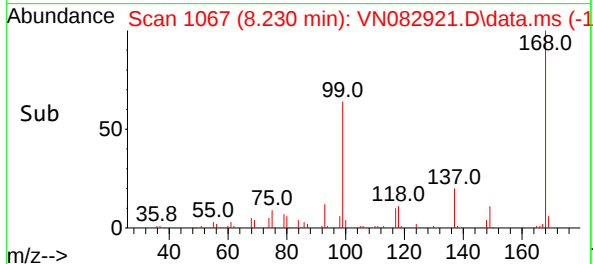
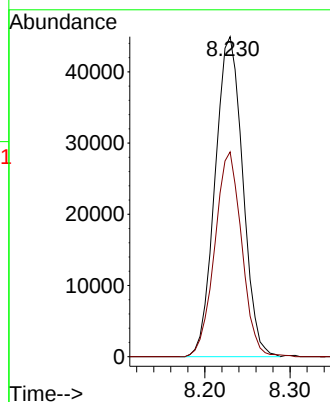
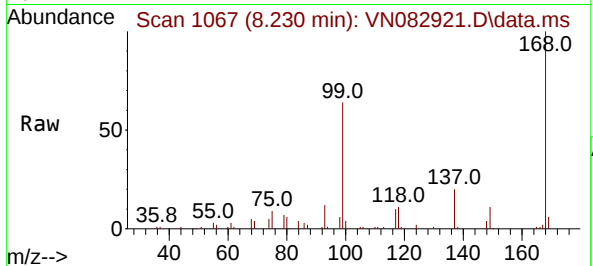




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

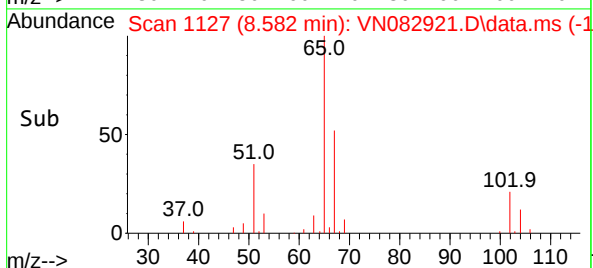
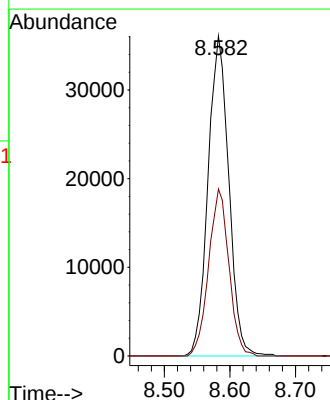
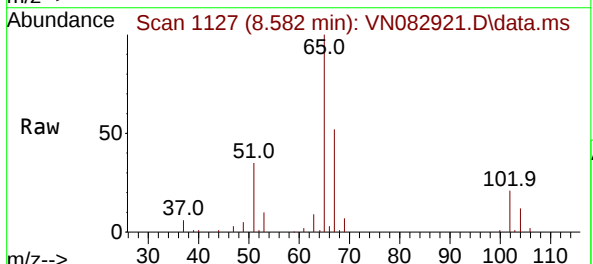
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

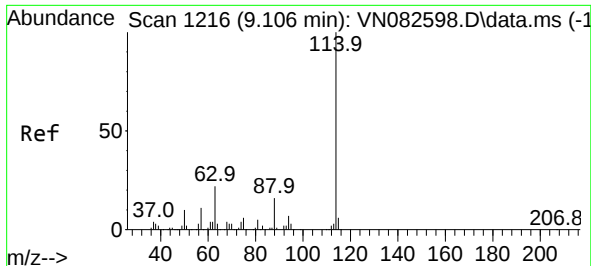
Tgt Ion:168 Resp: 101438
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.756 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Tgt Ion: 65 Resp: 79283
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082921.D

Acq: 15 Jul 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

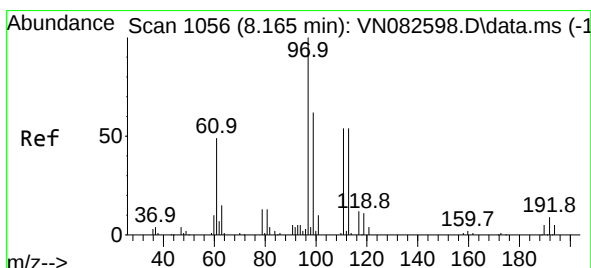
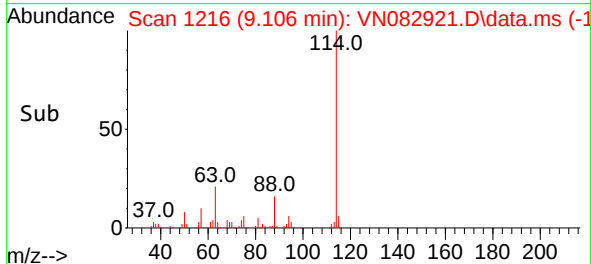
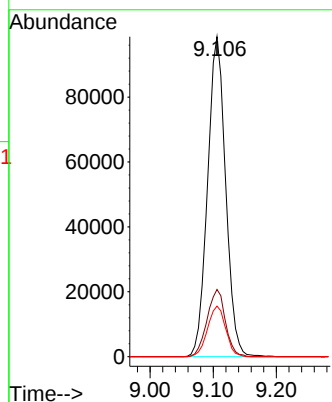
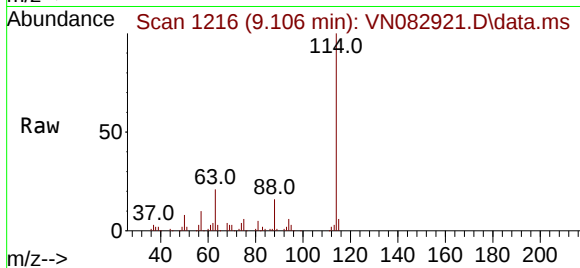
Tgt Ion:114 Resp: 195942

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.652 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082921.D

Acq: 15 Jul 2024 16:39

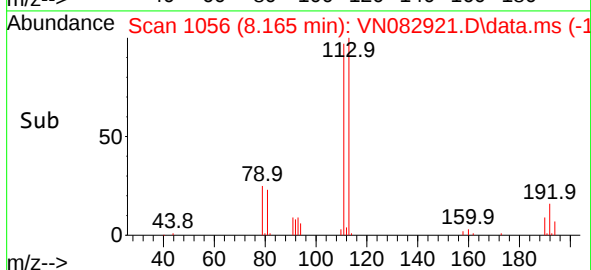
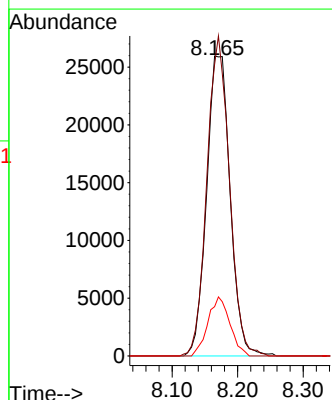
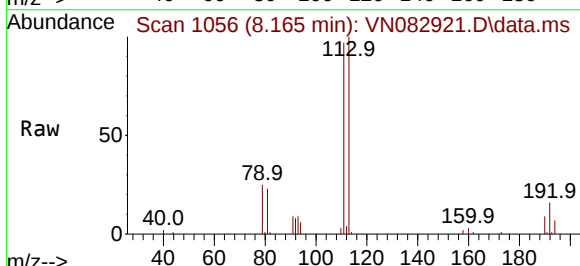
Tgt Ion:113 Resp: 64943

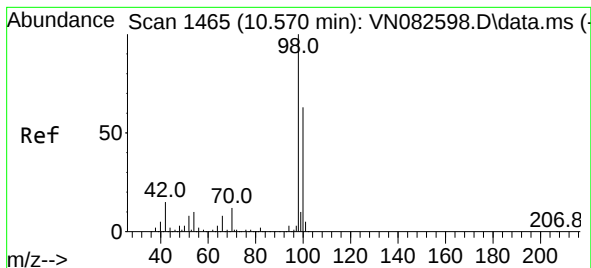
Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 18.3 14.9 22.3





#50

Toluene-d8

Concen: 48.949 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082921.D

Acq: 15 Jul 2024 16:39

Instrument :

MSVOA_N

ClientSampleId :

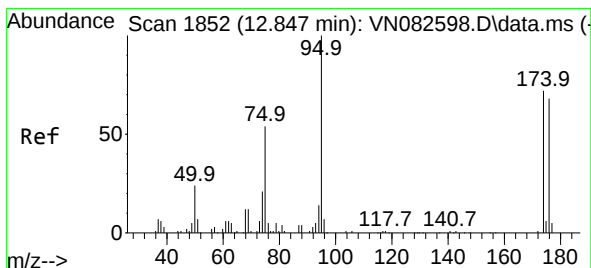
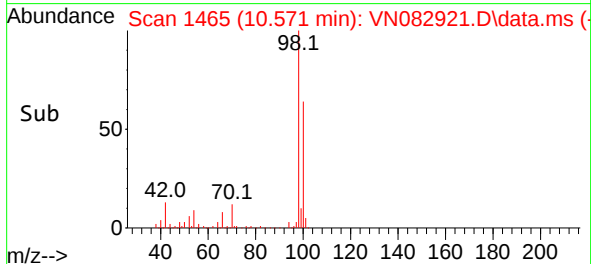
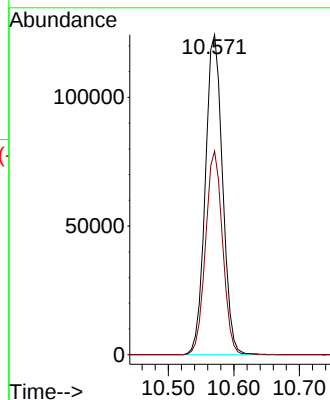
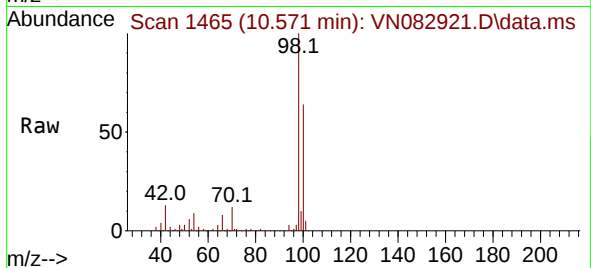
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 227310

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.355 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082921.D

Acq: 15 Jul 2024 16:39

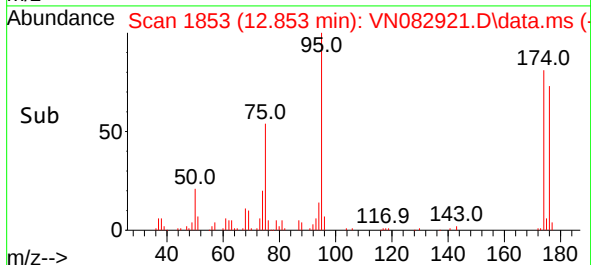
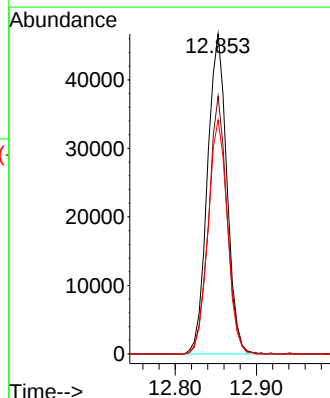
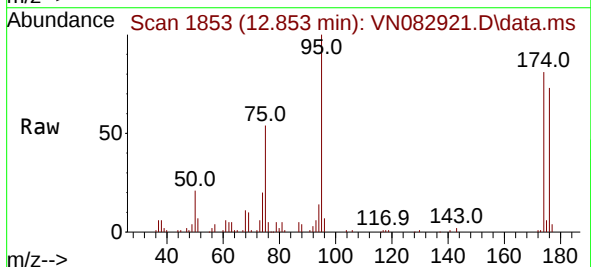
Tgt Ion: 95 Resp: 77326

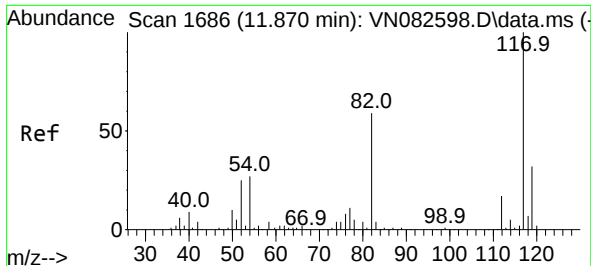
Ion Ratio Lower Upper

95 100

174 77.0 0.0 159.2

176 72.7 0.0 147.6

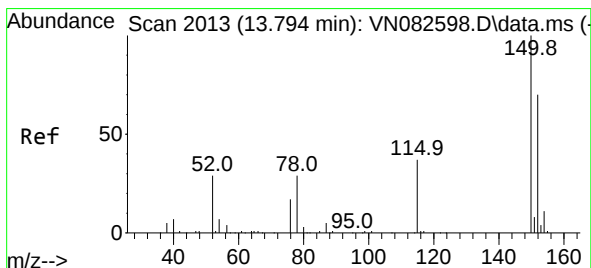
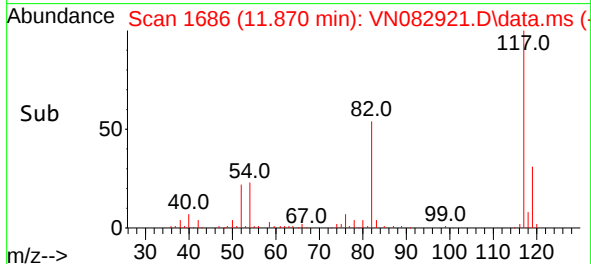
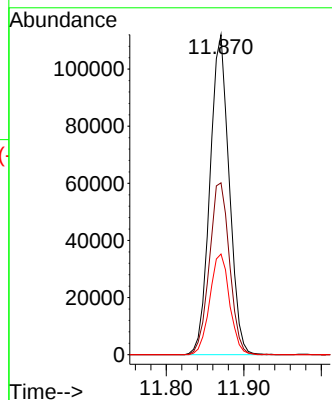
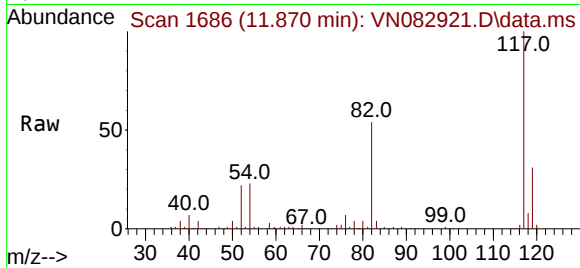




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN082921.D
Acq: 15 Jul 2024 16:39

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:117 Resp: 192743
Ion Ratio Lower Upper
117 100
82 53.7 47.5 71.3
119 31.5 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: VN082921.D
Acq: 15 Jul 2024 16:39

Tgt Ion:152 Resp: 81722
Ion Ratio Lower Upper
152 100
115 59.7 30.6 91.6
150 156.3 0.0 348.6

