

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061724\
 Data File : VN082610.D
 Acq On : 17 Jun 2024 15:45
 Operator : JC\MD
 Sample : P2894-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 18 04:58:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	132031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	234985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115957	54.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.540%
35) Dibromofluoromethane	8.171	113	85284	51.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.200%
50) Toluene-d8	10.571	98	310877	49.736	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.853	95	103051	47.820	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.640%

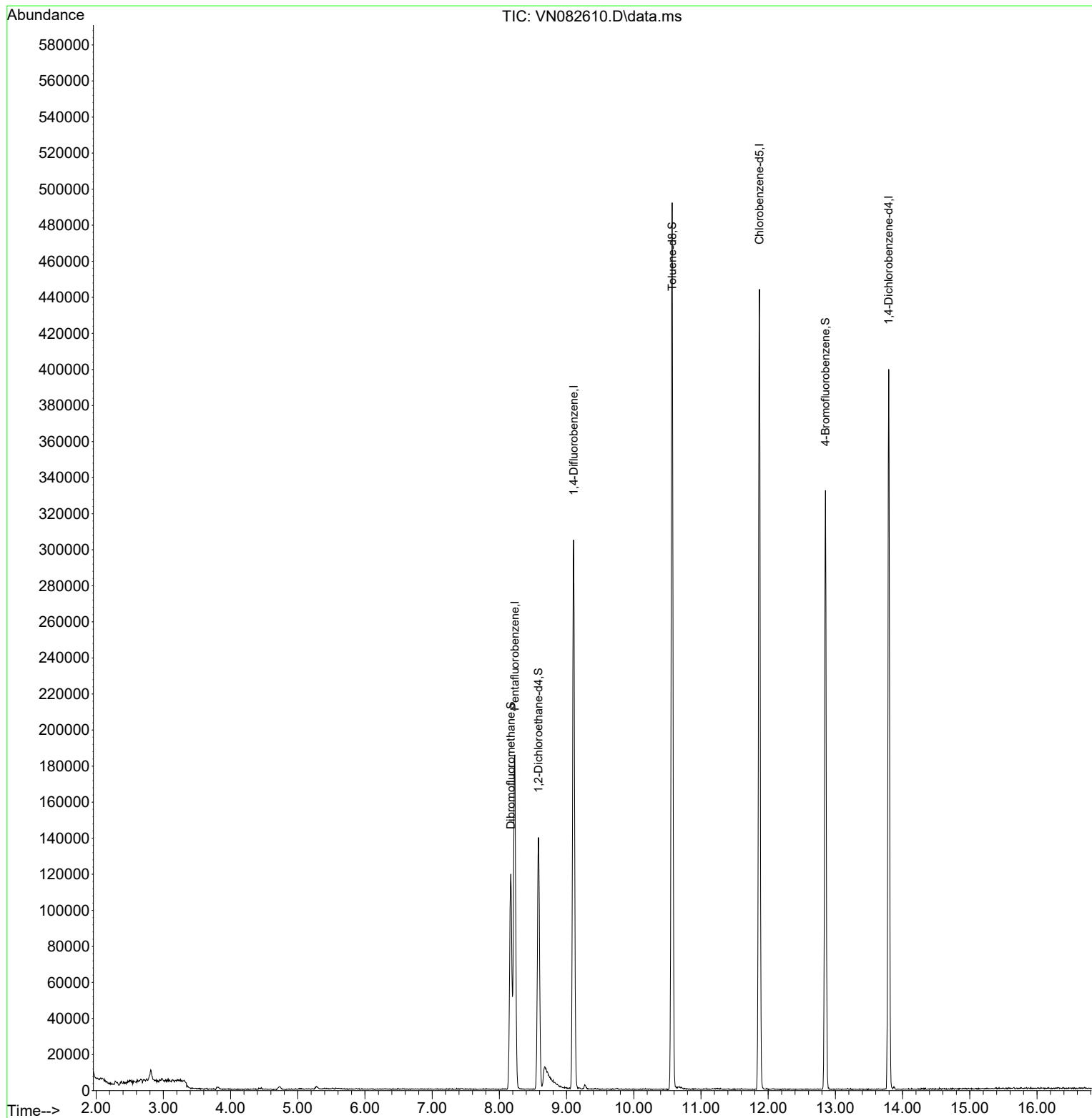
Target Compounds	Qvalue

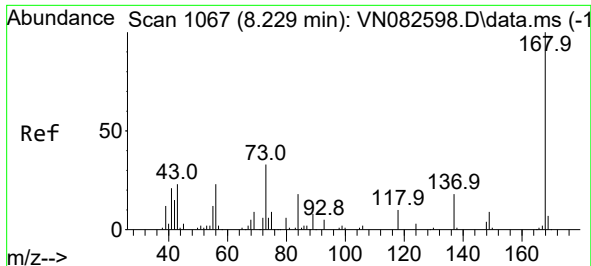
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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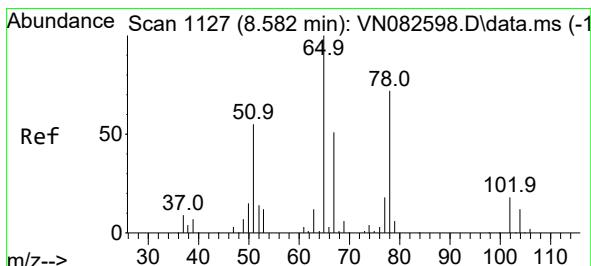
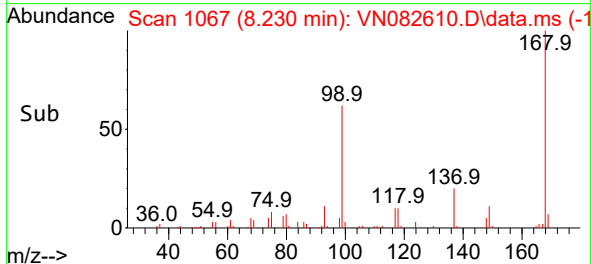
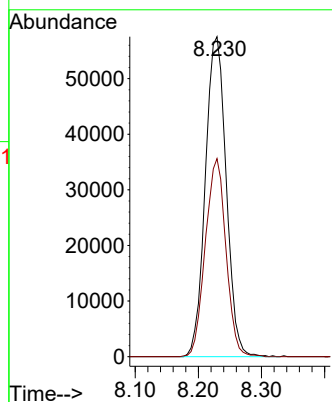
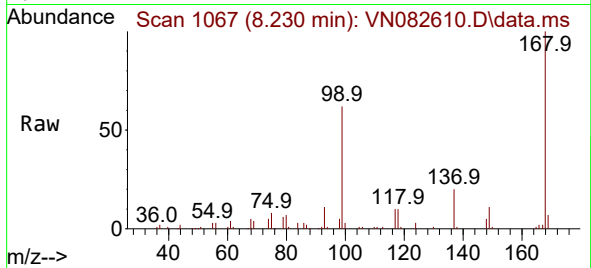




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

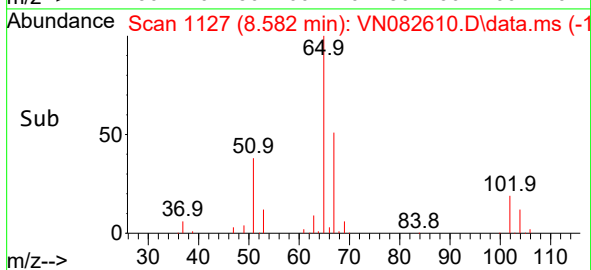
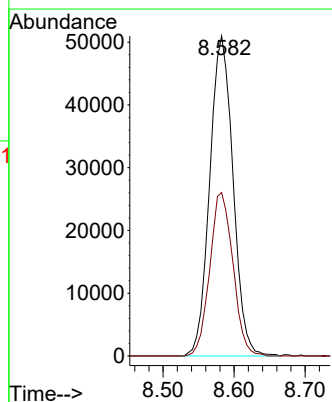
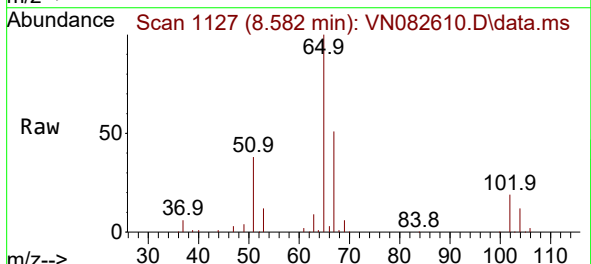
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

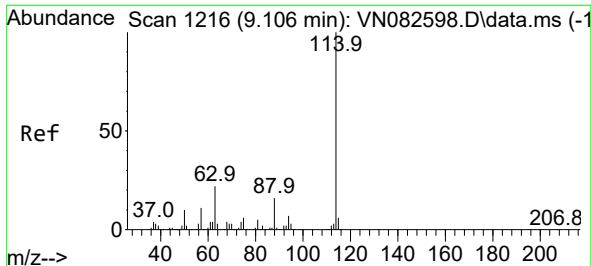
Tgt Ion:168 Resp: 132031
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 54.767 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

Tgt Ion: 65 Resp: 115957
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082610.D

Acq: 17 Jun 2024 15:45

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

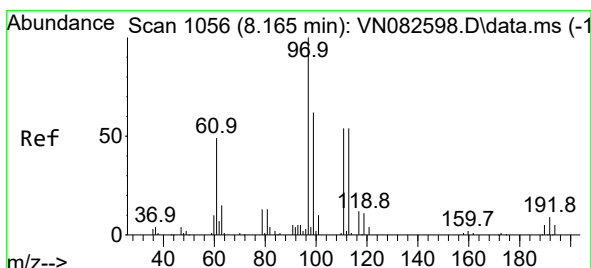
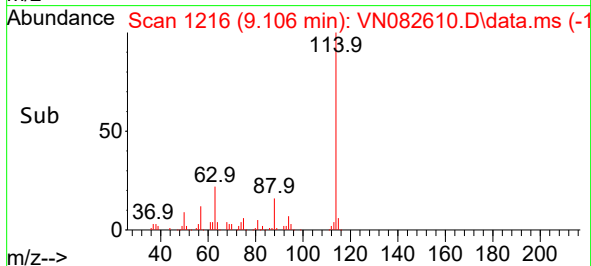
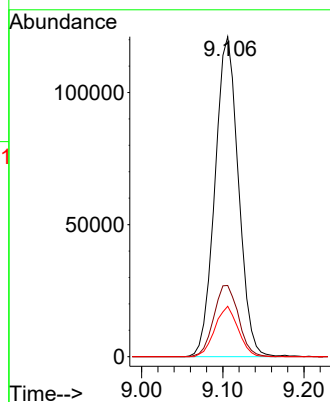
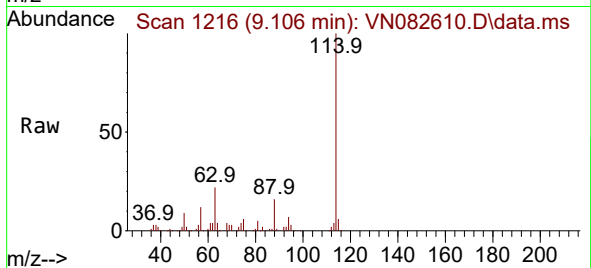
Tgt Ion:114 Resp: 243645

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.598 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082610.D

Acq: 17 Jun 2024 15:45

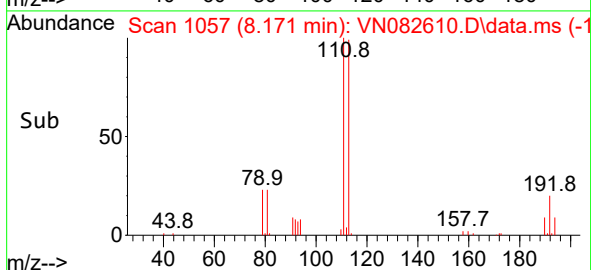
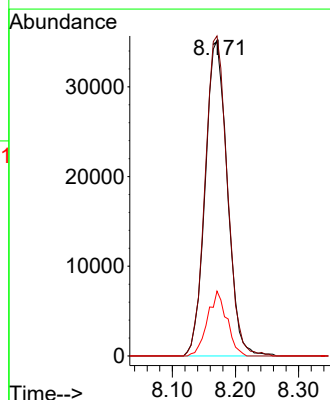
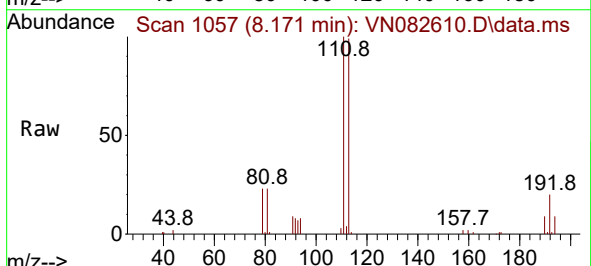
Tgt Ion:113 Resp: 85284

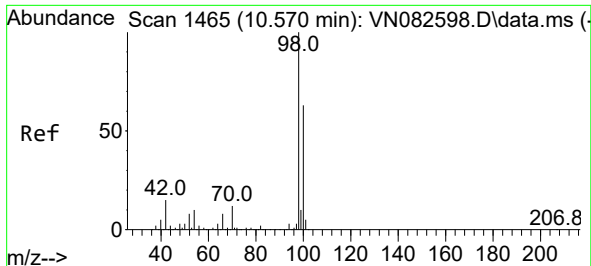
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 18.1 14.9 22.3

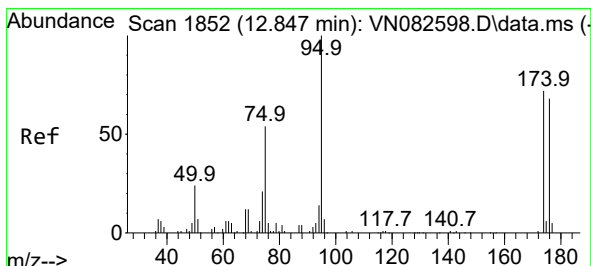
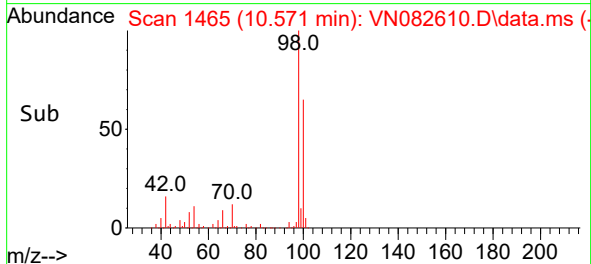
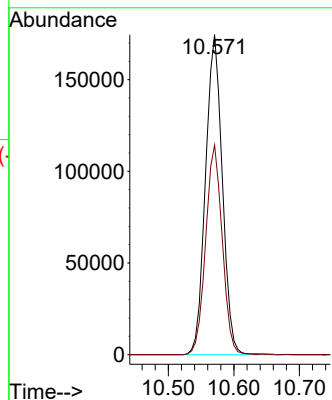
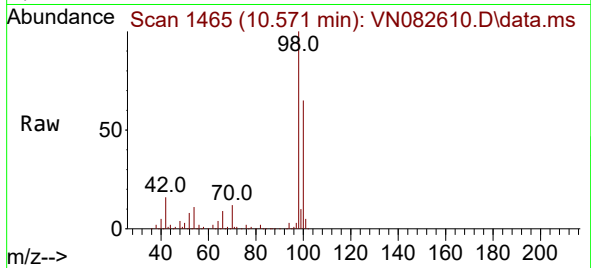




#50
Toluene-d8
Concen: 49.736 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

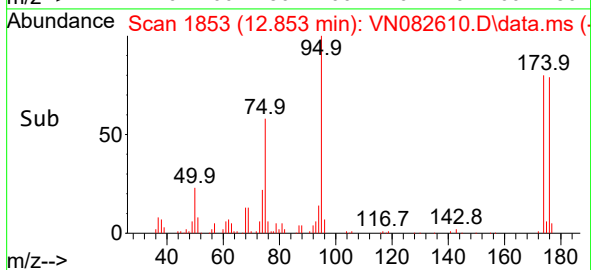
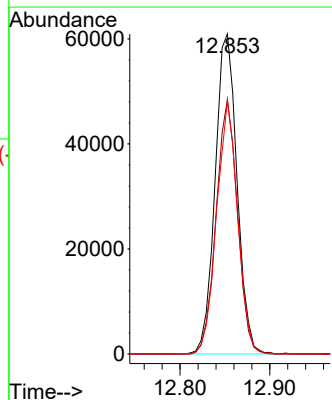
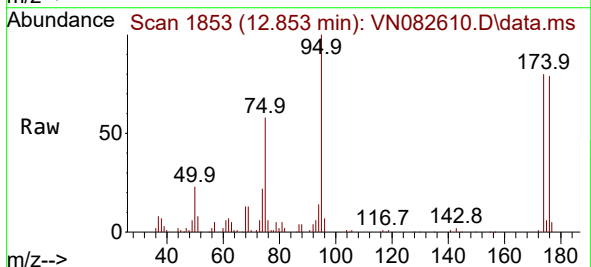
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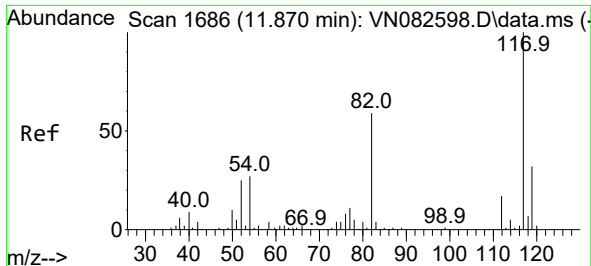
Tgt Ion: 98 Resp: 310877
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.820 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

Tgt Ion: 95 Resp: 103051
Ion Ratio Lower Upper
95 100
174 77.9 0.0 159.2
176 75.7 0.0 147.6

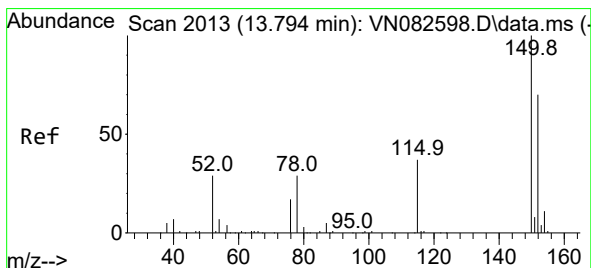
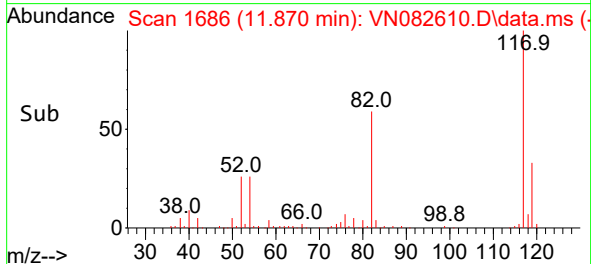
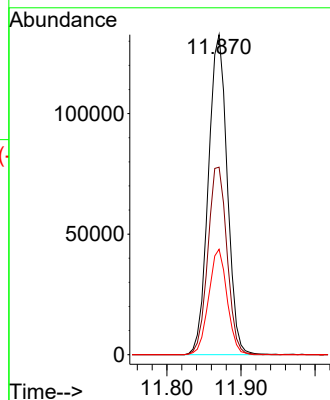
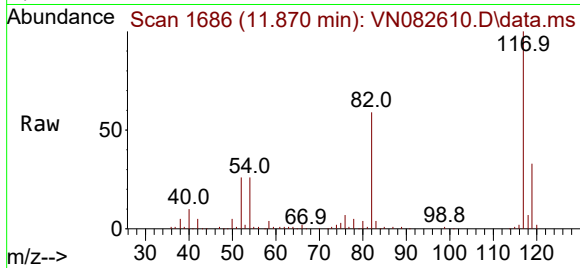




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082610.D
Acq: 17 Jun 2024 15:45

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

Tgt Ion:117 Resp: 234985
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 33.0 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: VN082610.D
Acq: 17 Jun 2024 15:45

Tgt Ion:152 Resp: 100022
Ion Ratio Lower Upper
152 100
115 58.4 30.6 91.6
150 154.8 0.0 348.6

