

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082239.D
 Acq On : 21 May 2024 14:40
 Operator : JC\MD
 Sample : P2532-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 22 01:27:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	284141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115769	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146292	52.476	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.960%
35) Dibromofluoromethane	8.165	113	101324	53.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.600%
50) Toluene-d8	10.571	98	392602	53.865	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.740%
62) 4-Bromofluorobenzene	12.847	95	130149	50.029	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.060%

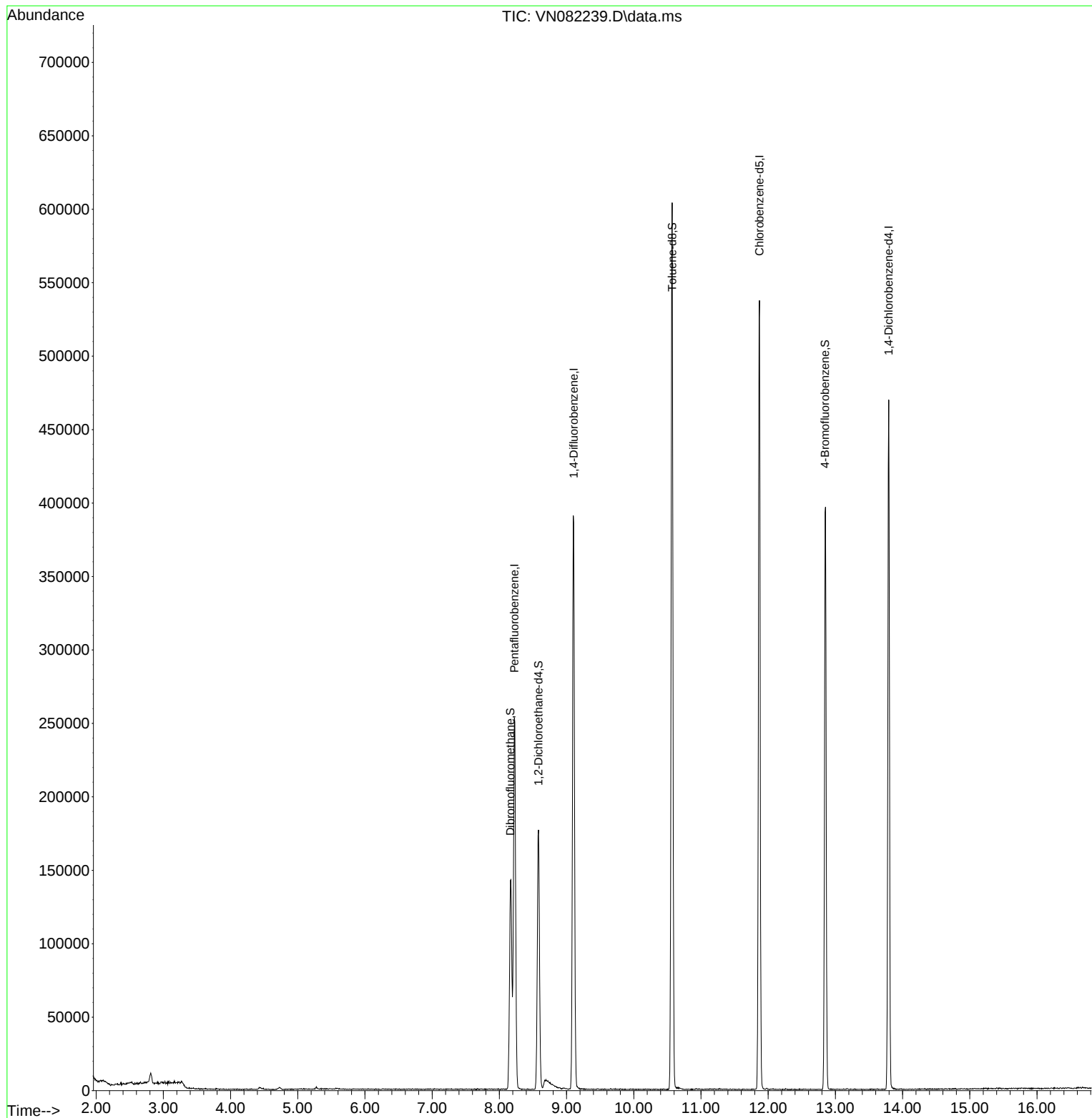
Target Compounds	Qvalue

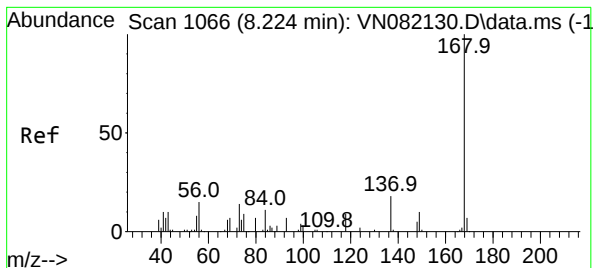
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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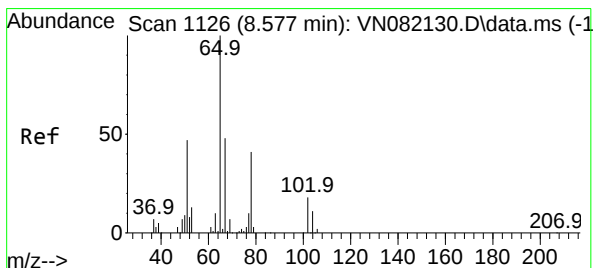
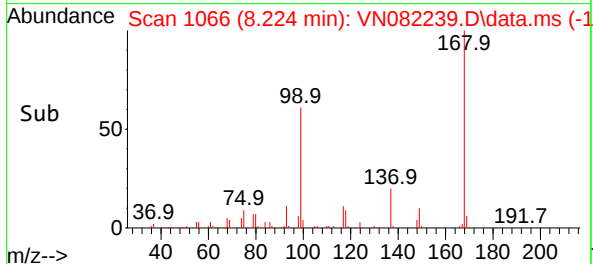
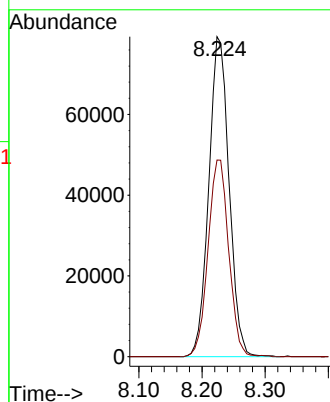
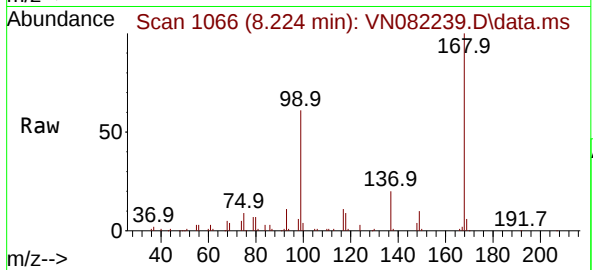




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082239.D
Acq: 21 May 2024 14:40

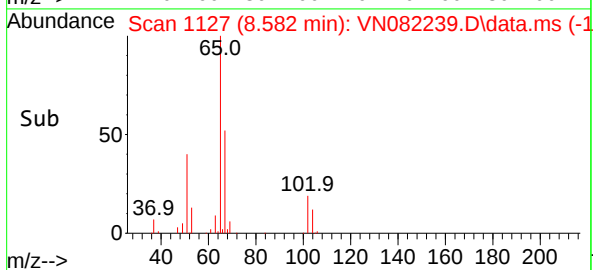
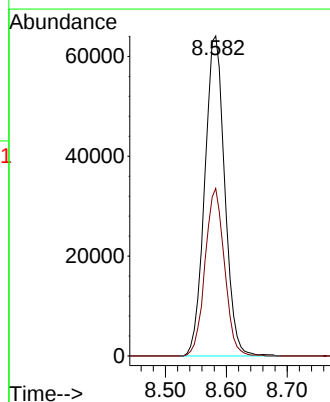
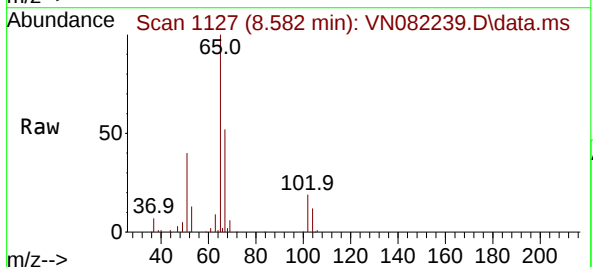
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

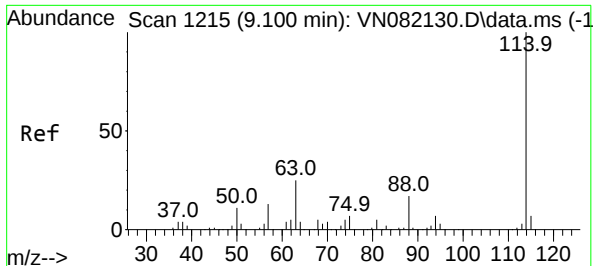
Tgt Ion:168 Resp: 176550
Ion Ratio Lower Upper
168 100
99 61.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.476 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082239.D
Acq: 21 May 2024 14:40

Tgt Ion: 65 Resp: 146292
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082239.D

Acq: 21 May 2024 14:40

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

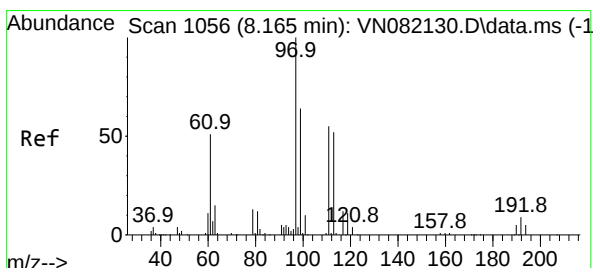
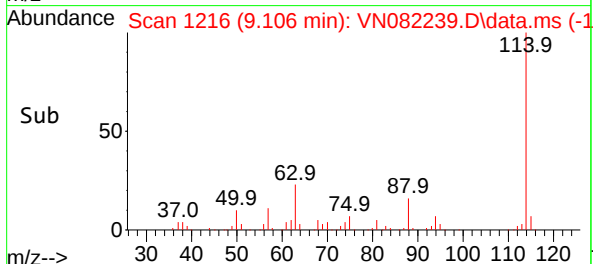
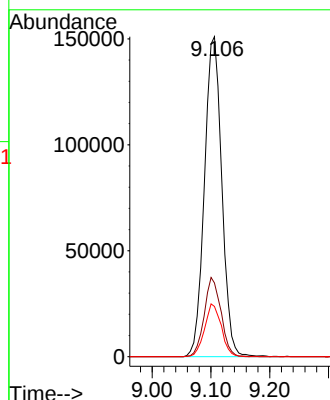
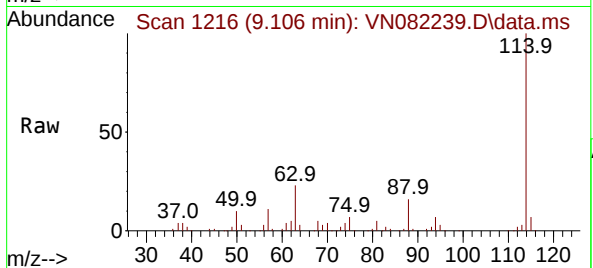
Tgt Ion:114 Resp: 309040

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.298 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082239.D

Acq: 21 May 2024 14:40

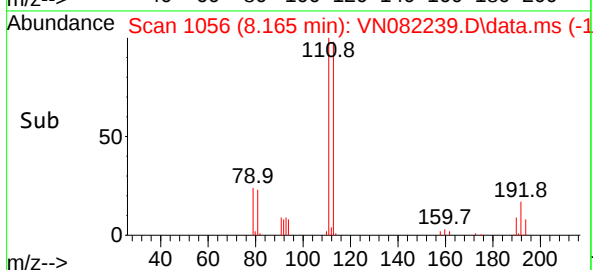
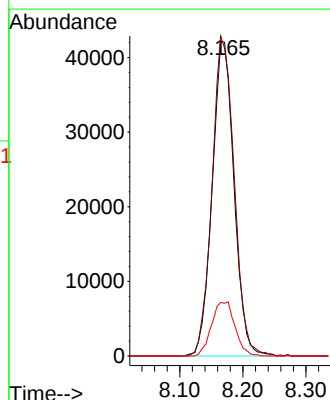
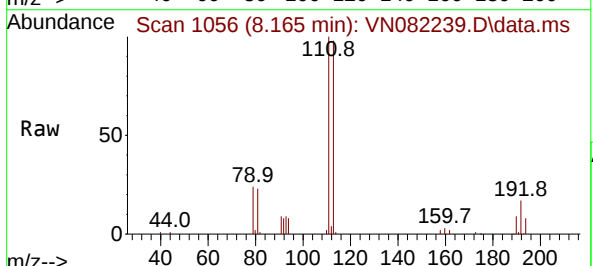
Tgt Ion:113 Resp: 101324

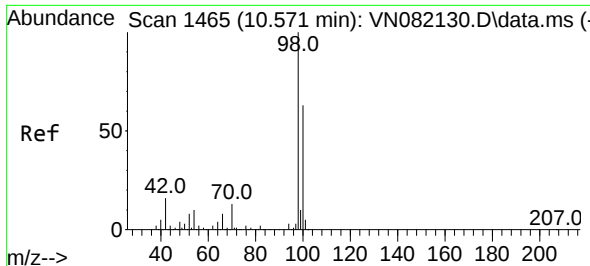
Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

192 18.4 14.0 21.0

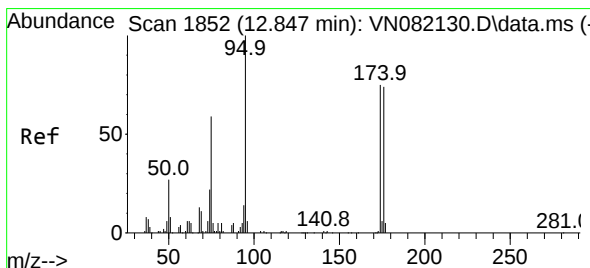
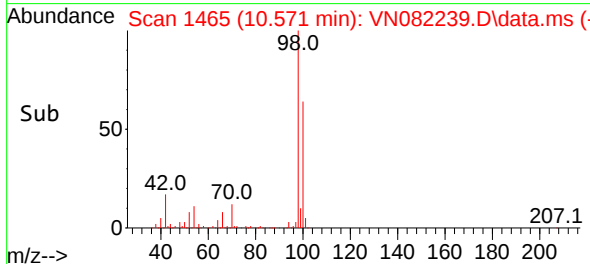
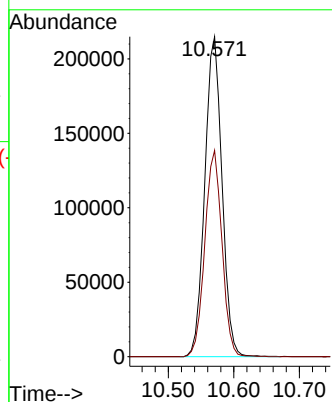
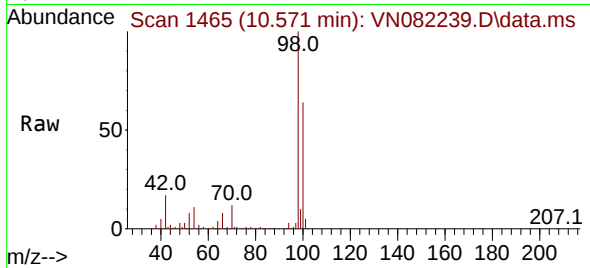




#50
Toluene-d8
Concen: 53.865 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082239.D
Acq: 21 May 2024 14:40

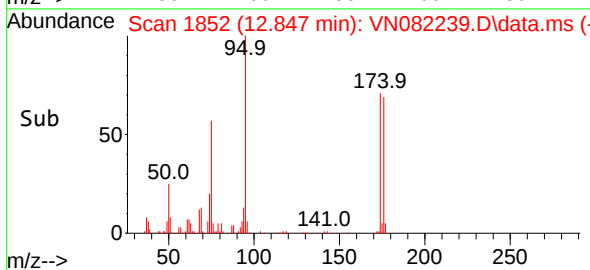
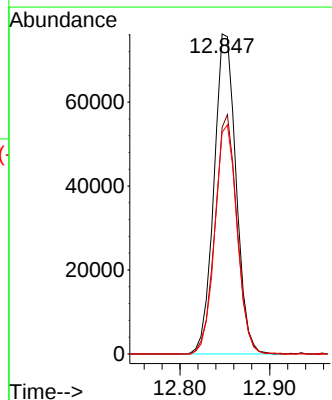
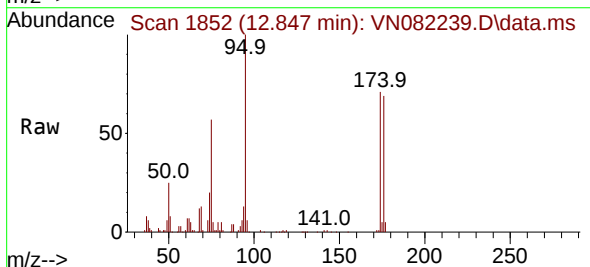
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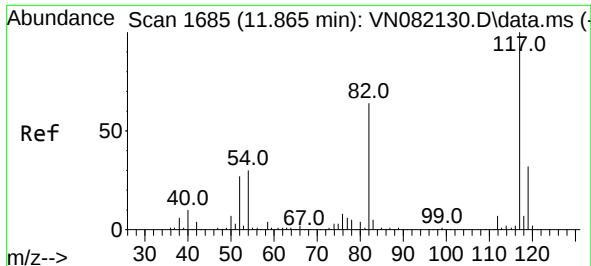
Tgt Ion: 98 Resp: 392602
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.029 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082239.D
Acq: 21 May 2024 14:40

Tgt Ion: 95 Resp: 130149
Ion Ratio Lower Upper
95 100
174 74.2 0.0 160.6
176 72.1 0.0 152.8

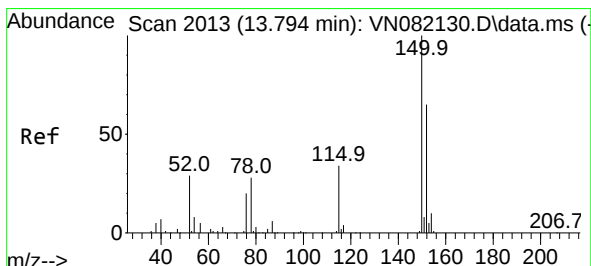
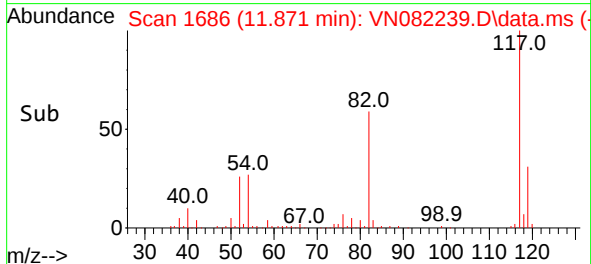
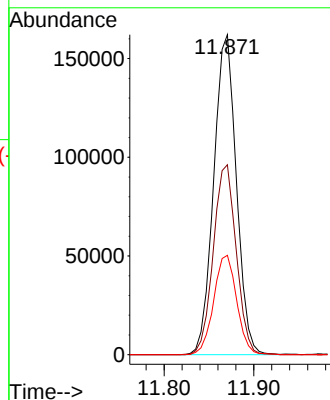
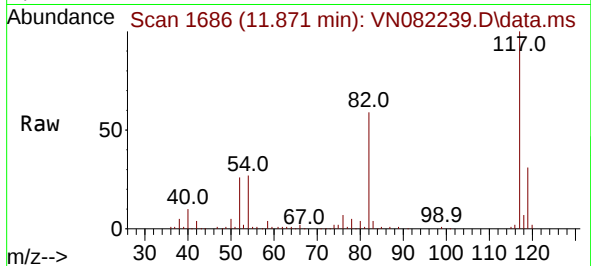




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN082239.D
Acq: 21 May 2024 14:40

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

Tgt Ion:117 Resp: 284141
Ion Ratio Lower Upper
117 100
82 59.4 44.6 66.8
119 31.1 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: VN082239.D
Acq: 21 May 2024 14:40

Tgt Ion:152 Resp: 115769
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 158.5 0.0 353.2

