

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082410.D
 Acq On : 31 May 2024 15:58
 Operator : JC\MD
 Sample : P2669-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 31 22:59:36 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	156230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134034	54.333	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.660%
35) Dibromofluoromethane	8.171	113	97152	54.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.140%
50) Toluene-d8	10.571	98	366404	53.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.380%
62) 4-Bromofluorobenzene	12.853	95	124654	50.701	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	101.400%

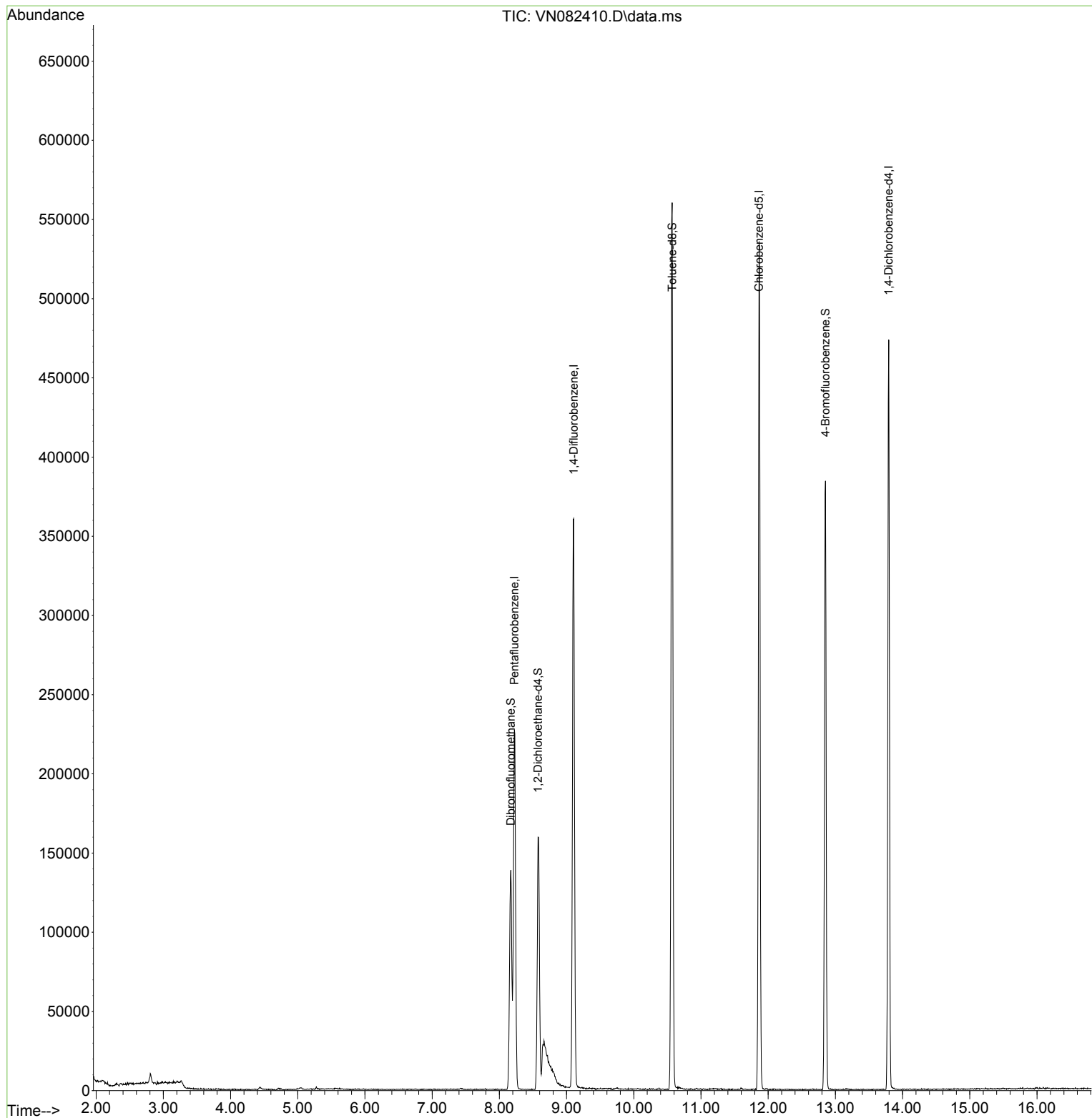
Target Compounds	Qvalue

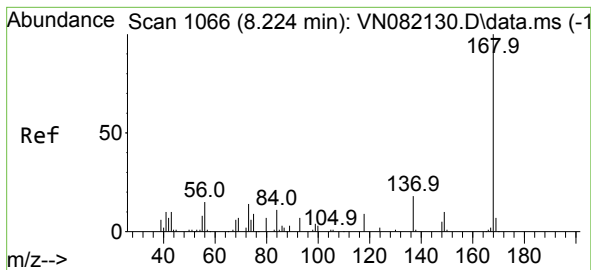
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN082410.D

Acq: 31 May 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

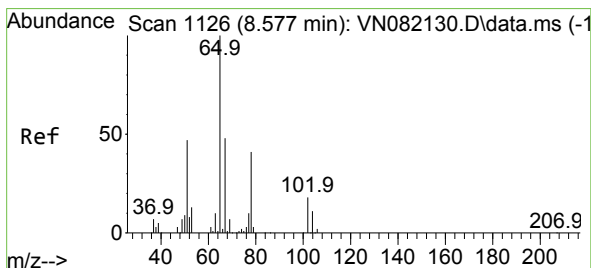
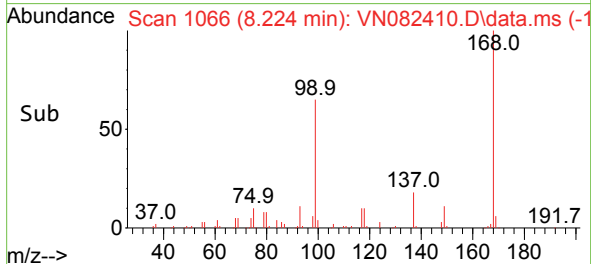
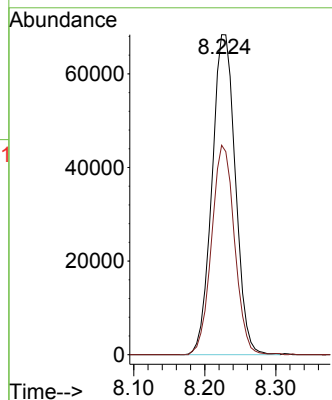
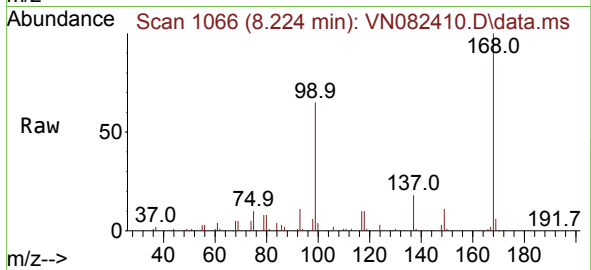
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 156230

Ion Ratio Lower Upper

168 100

99 65.5 48.2 72.4



#33

1,2-Dichloroethane-d4

Concen: 54.333 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN082410.D

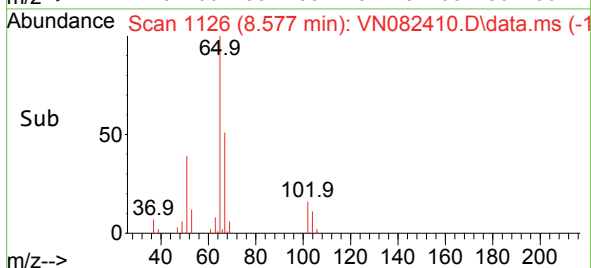
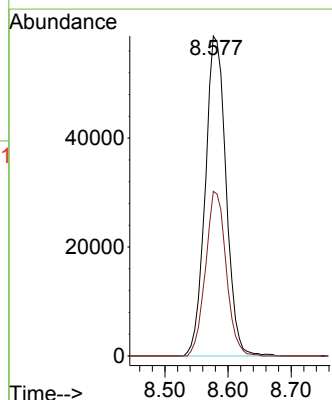
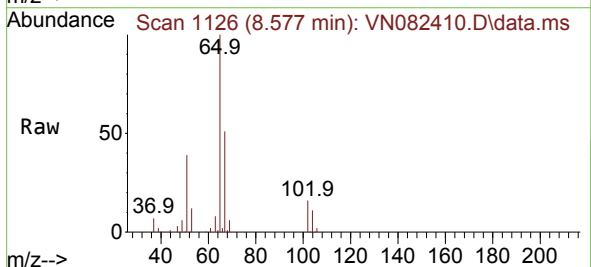
Acq: 31 May 2024 15:58

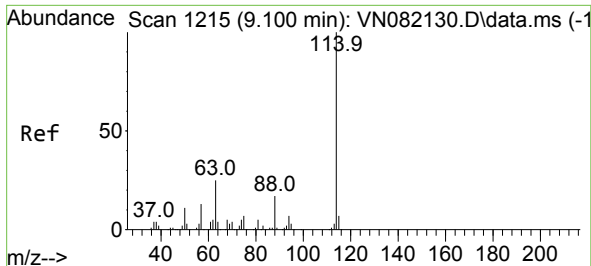
Tgt Ion: 65 Resp: 134034

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0

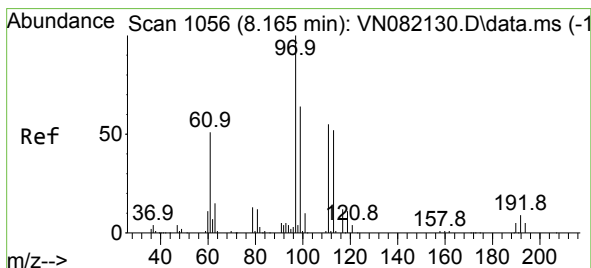
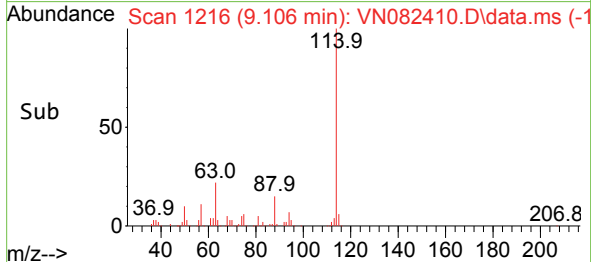
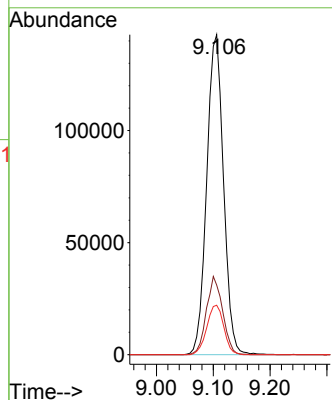
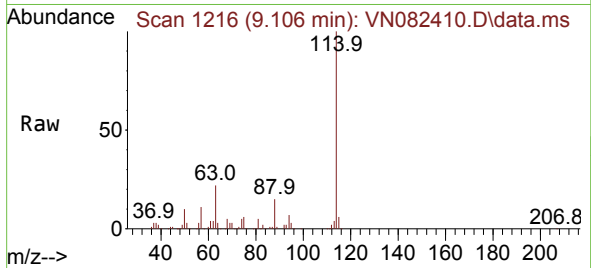




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082410.D
Acq: 31 May 2024 15:58

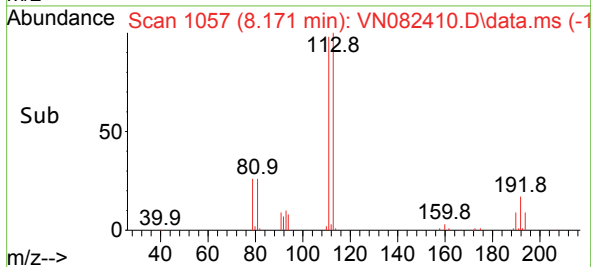
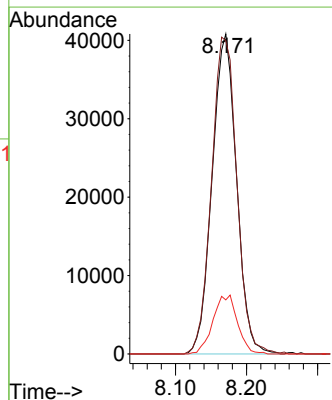
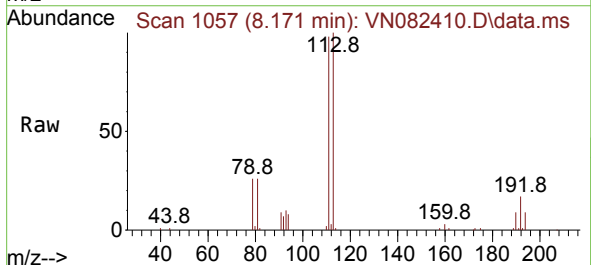
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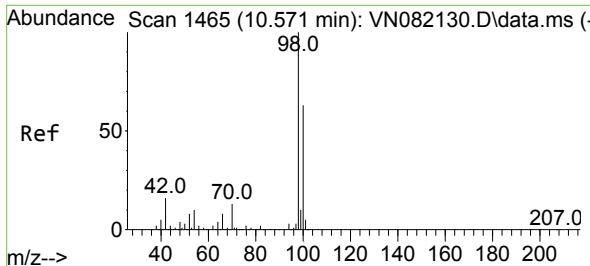
Tgt Ion:114 Resp: 292068
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.0
88 15.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.073 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082410.D
Acq: 31 May 2024 15:58

Tgt Ion:113 Resp: 97152
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 18.6 14.0 21.0

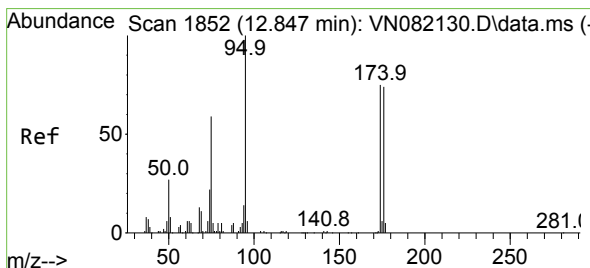
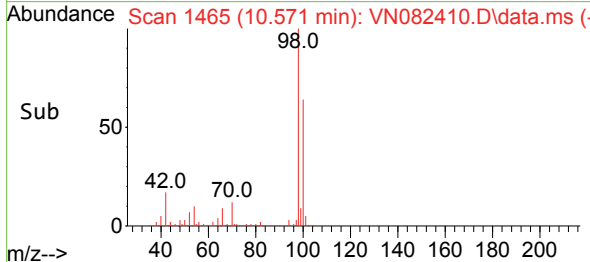
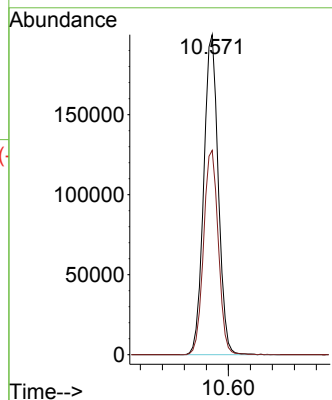
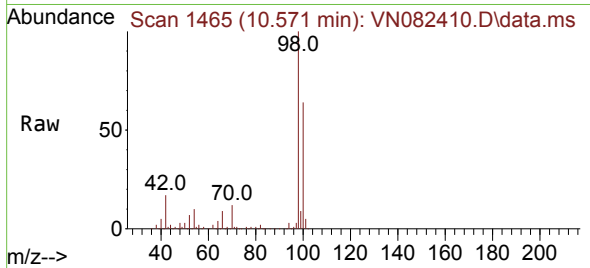




#50
Toluene-d8
Concen: 53.192 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082410.D
Acq: 31 May 2024 15:58

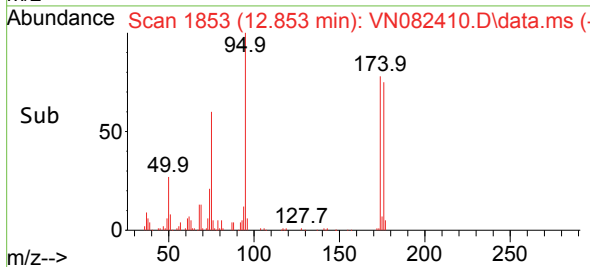
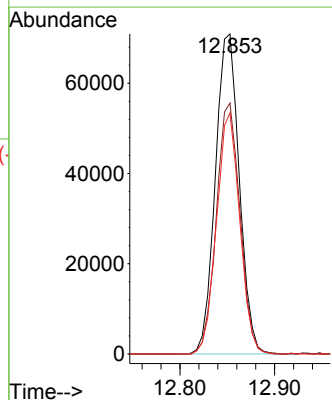
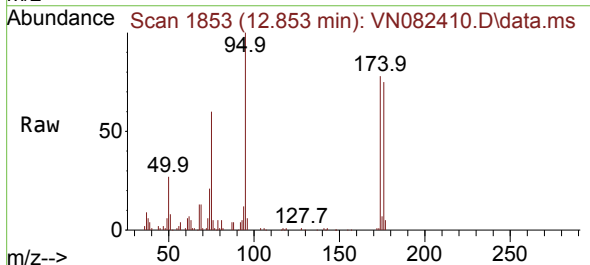
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

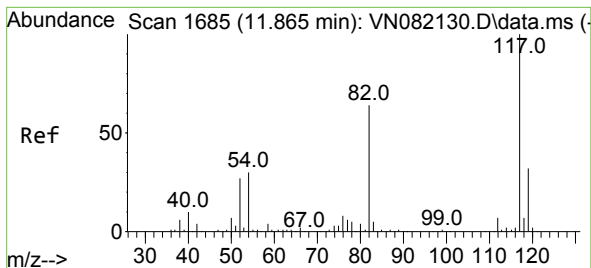
Tgt Ion: 98 Resp: 366404
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.701 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082410.D
Acq: 31 May 2024 15:58

Tgt Ion: 95 Resp: 124654
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.6
176 73.0 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082410.D

Acq: 31 May 2024 15:58

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

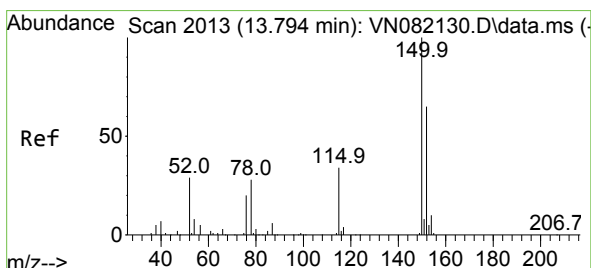
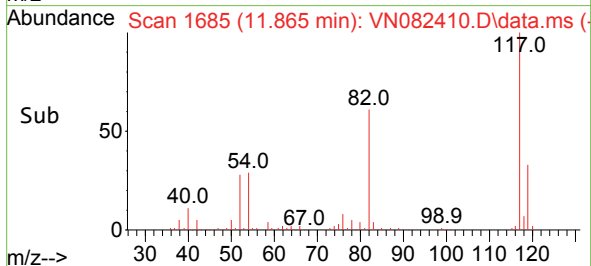
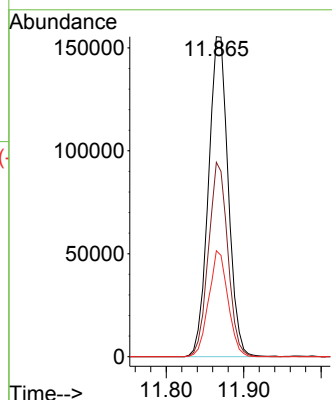
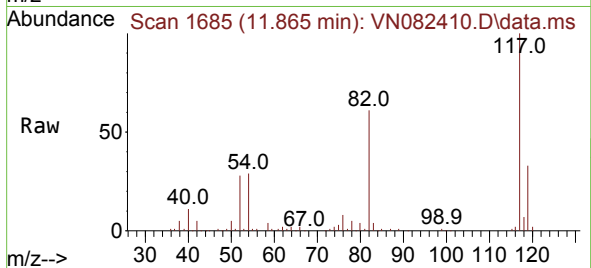
Tgt Ion:117 Resp: 275274

Ion Ratio Lower Upper

117 100

82 60.8 44.6 66.8

119 33.1 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: VN082410.D

Acq: 31 May 2024 15:58

Tgt Ion:152 Resp: 115571

Ion Ratio Lower Upper

152 100

115 61.8 30.4 91.3

150 159.5 0.0 353.2

