

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083335.D
 Acq On : 15 Aug 2024 16:49
 Operator : JC\MD
 Sample : P3456-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 16 01:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	126331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	266746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121595	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108101	60.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.240%
35) Dibromofluoromethane	8.165	113	85123	53.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.960%
50) Toluene-d8	10.570	98	315926	53.706	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.420%
62) 4-Bromofluorobenzene	12.853	95	134182	58.510	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	117.020%

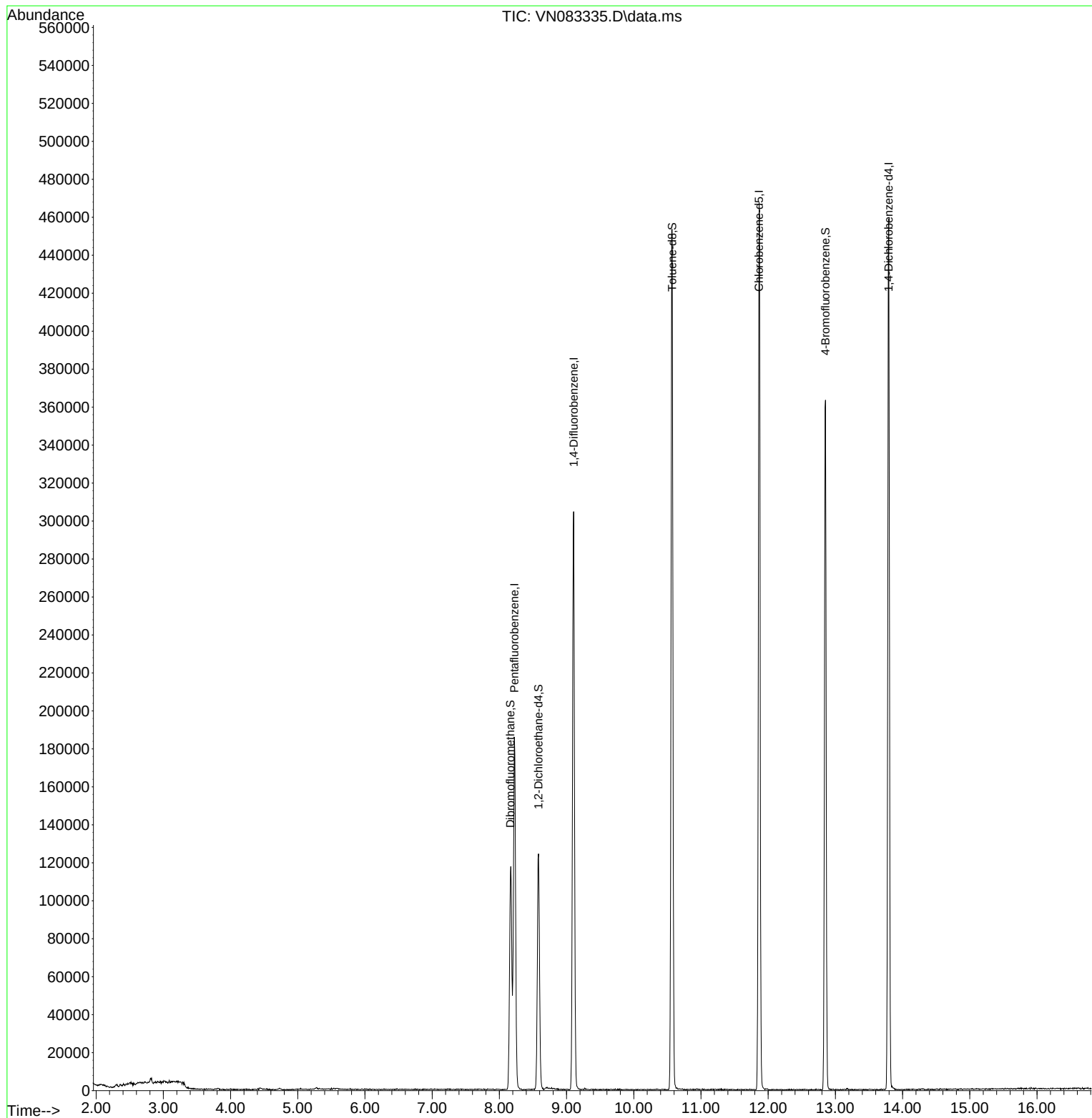
Target Compounds	Qvalue

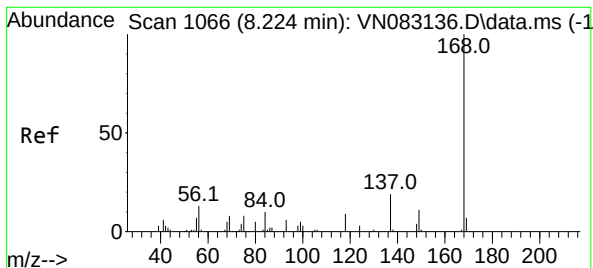
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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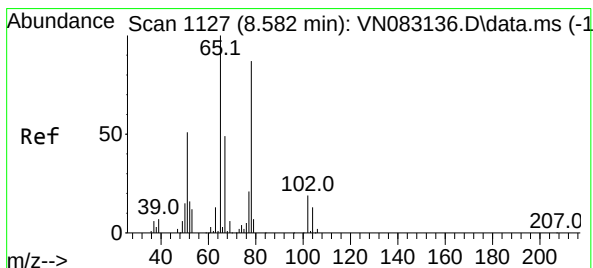
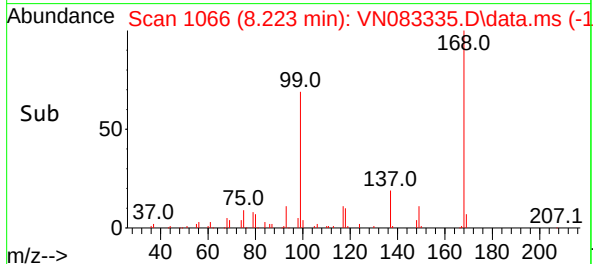
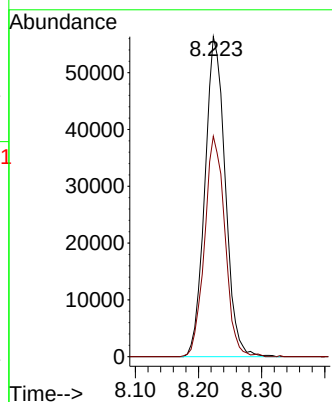
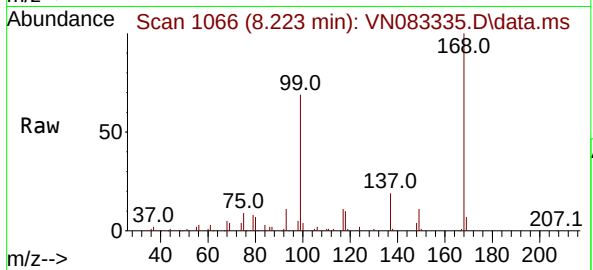




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

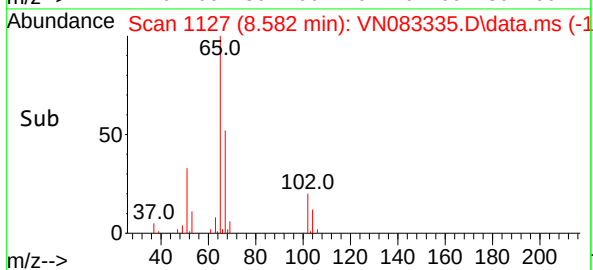
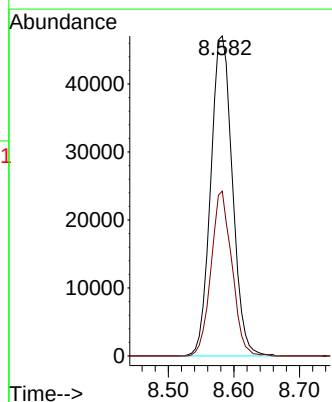
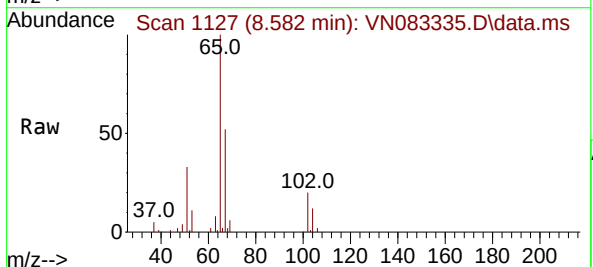
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SOIL-REF-6

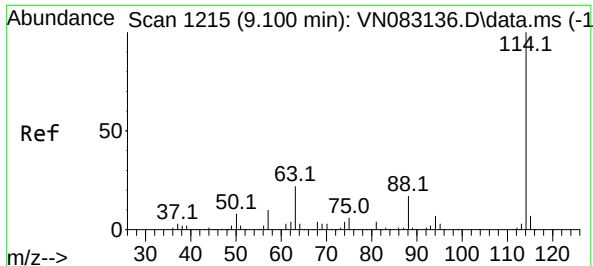
Tgt Ion:168 Resp: 126331
Ion Ratio Lower Upper
168 100
99 68.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 60.117 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

Tgt Ion: 65 Resp: 108101
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

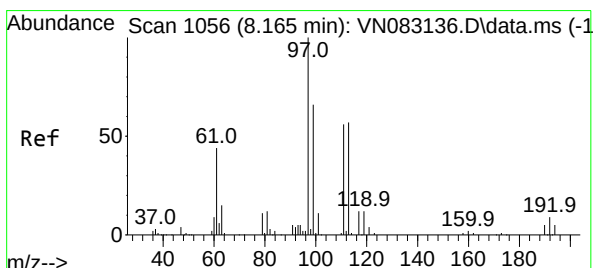
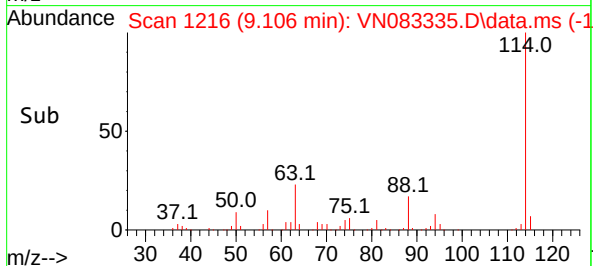
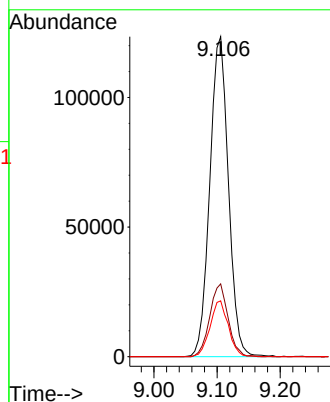
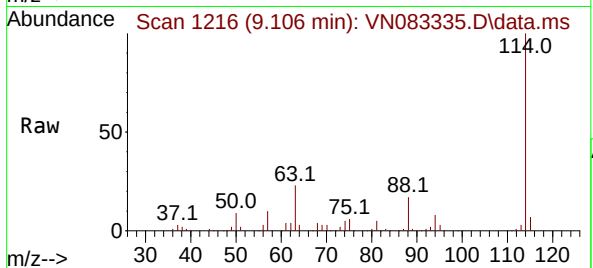
Tgt Ion:114 Resp: 252648

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 17.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.979 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

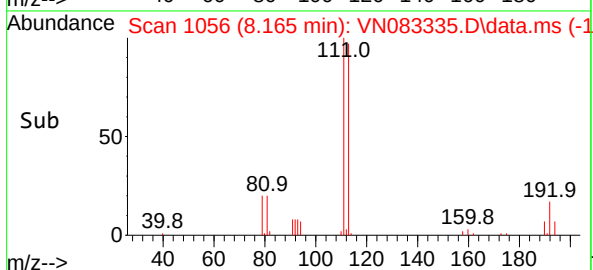
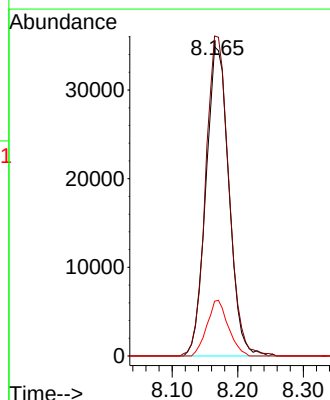
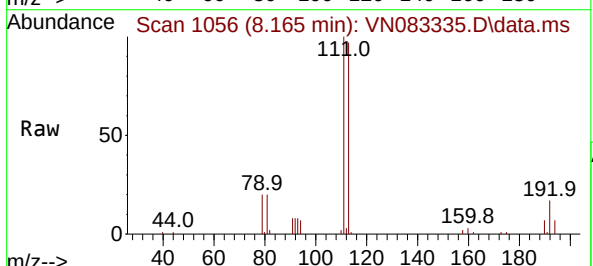
Tgt Ion:113 Resp: 85123

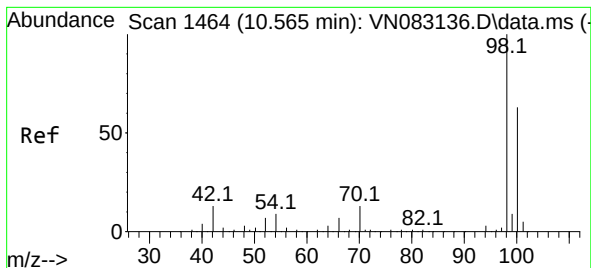
Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 16.7 14.9 22.3





#50

Toluene-d8

Concen: 53.706 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.005 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

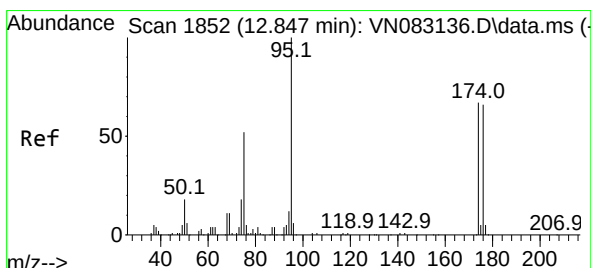
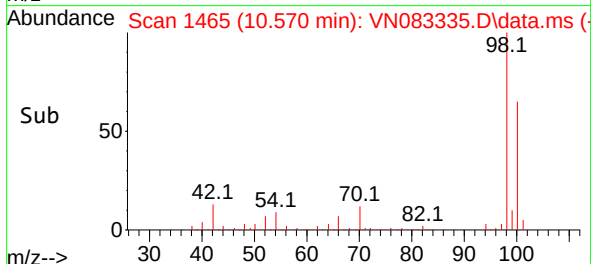
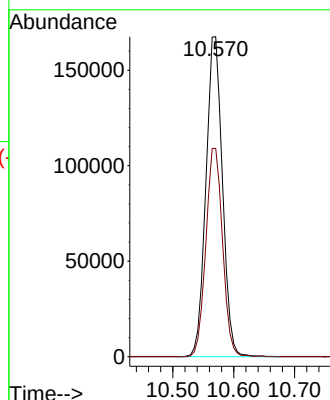
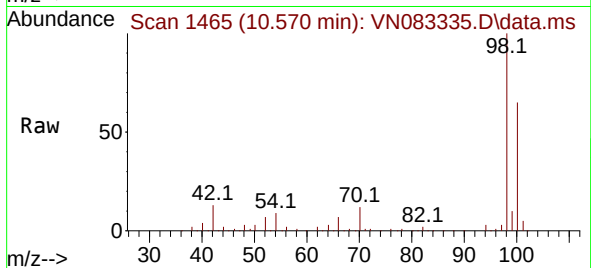
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 315926

Ion Ratio Lower Upper

98 100

100 65.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 58.510 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

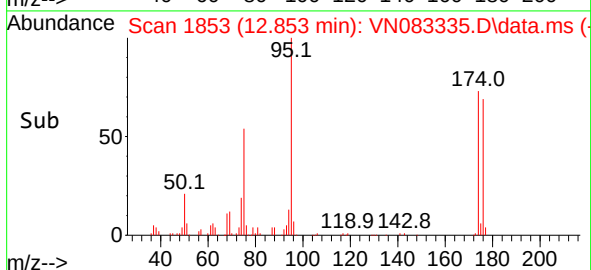
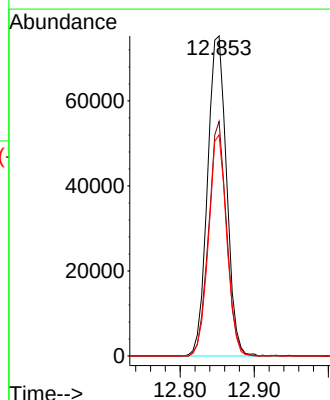
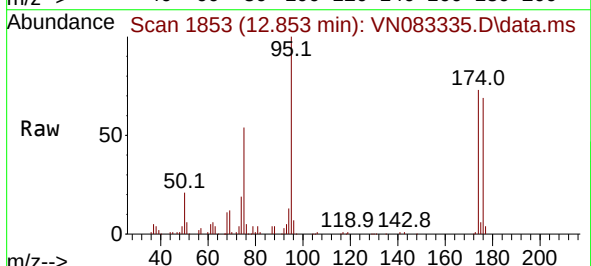
Tgt Ion: 95 Resp: 134182

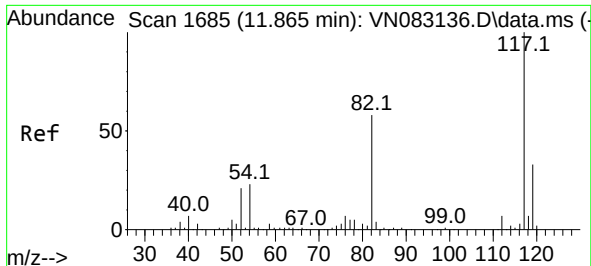
Ion Ratio Lower Upper

95 100

174 69.0 0.0 159.2

176 65.8 0.0 147.6

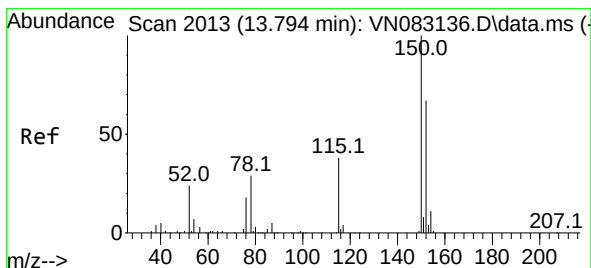
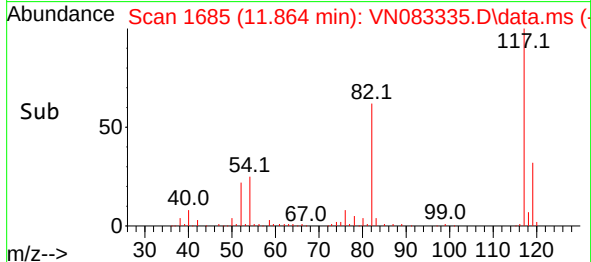
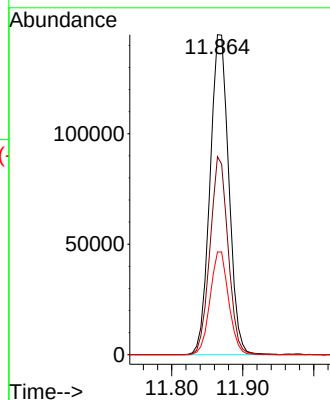
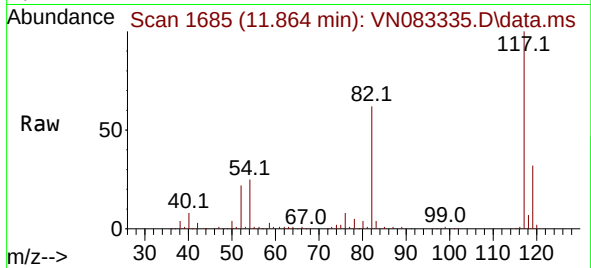




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

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

Tgt Ion:117 Resp: 266746
Ion Ratio Lower Upper
117 100
82 61.9 47.5 71.3
119 32.1 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: VN083335.D
Acq: 15 Aug 2024 16:49

Tgt Ion:152 Resp: 121595
Ion Ratio Lower Upper
152 100
115 64.2 30.6 91.6
150 157.1 0.0 348.6

