

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083351.D
 Acq On : 16 Aug 2024 14:02
 Operator : JC\MD
 Sample : P3456-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 17 01:45:45 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	8.224	168	121921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101689	58.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.200%
35) Dibromofluoromethane	8.165	113	81596	55.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.100%
50) Toluene-d8	10.571	98	298447	53.983	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.960%
62) 4-Bromofluorobenzene	12.853	95	125270	58.121	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.240%

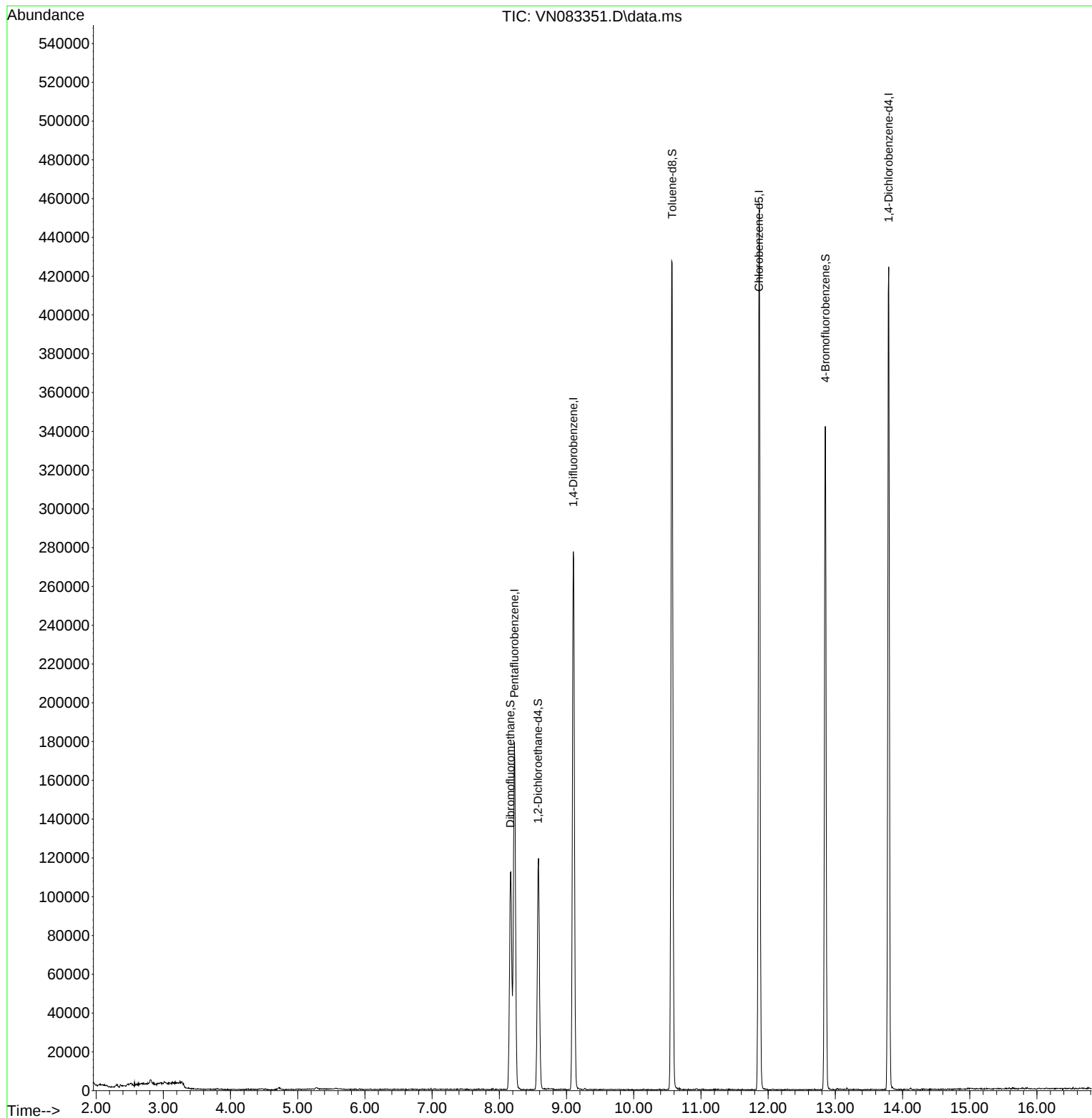
Target Compounds	Qvalue

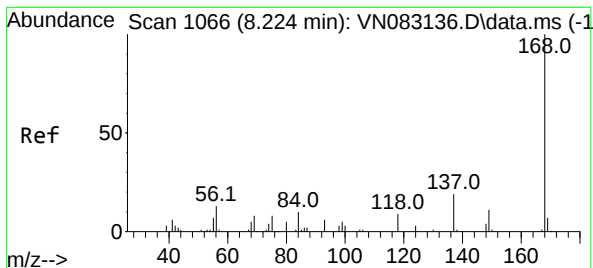
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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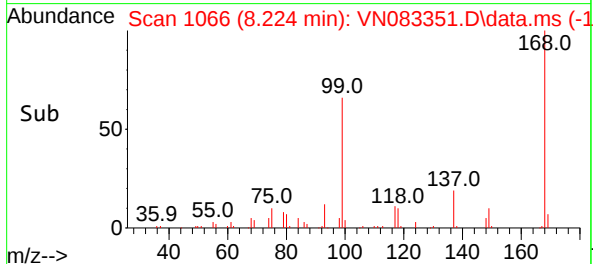
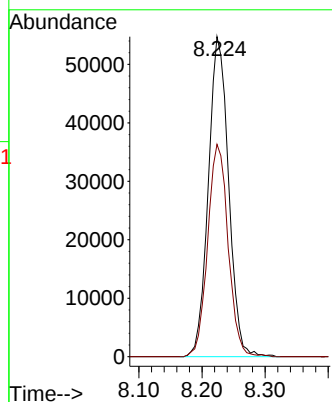
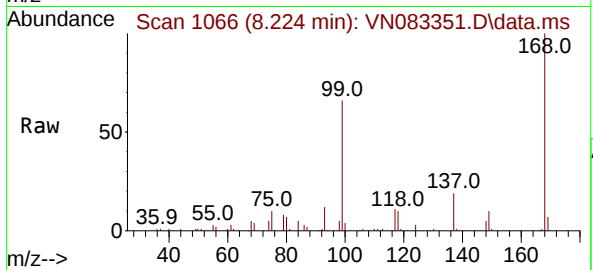




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

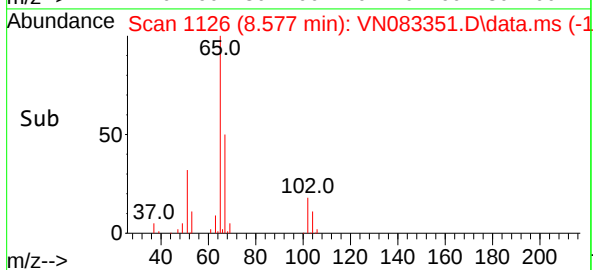
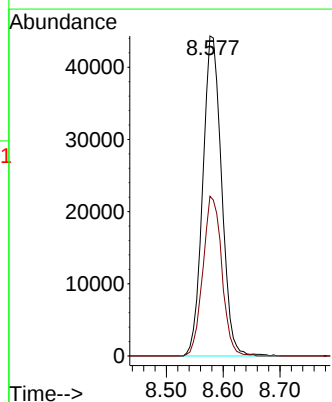
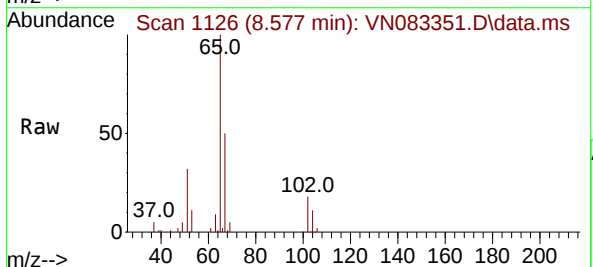
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 121921
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.597 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

Tgt Ion: 65 Resp: 101689
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083351.D

Acq: 16 Aug 2024 14:02

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

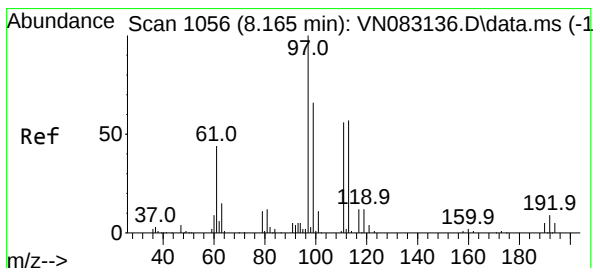
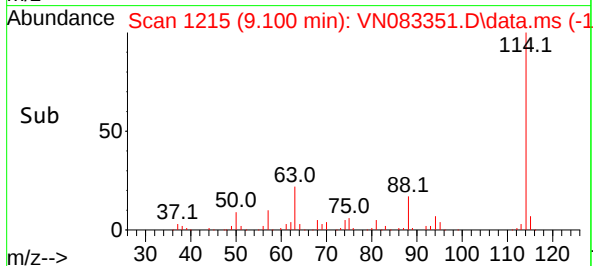
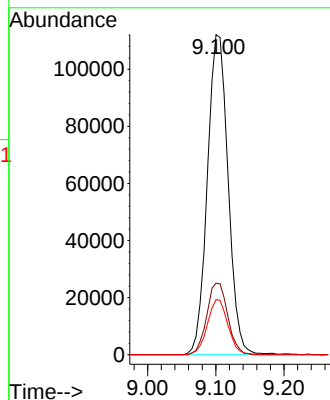
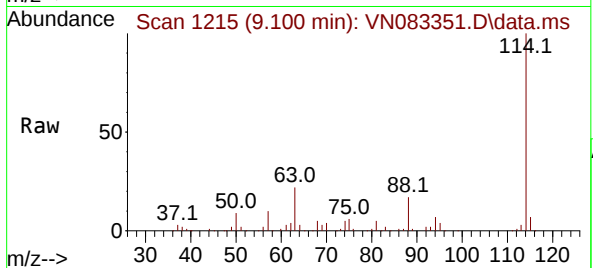
Tgt Ion:114 Resp: 237446

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 17.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.055 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083351.D

Acq: 16 Aug 2024 14:02

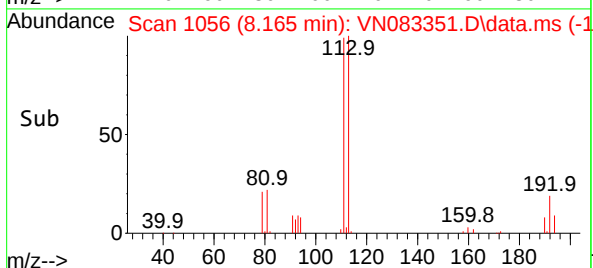
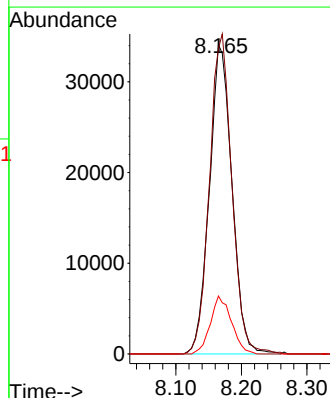
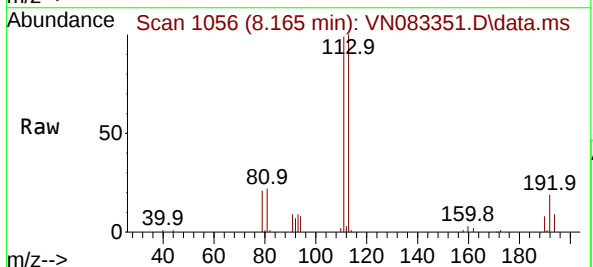
Tgt Ion:113 Resp: 81596

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 17.5 14.9 22.3

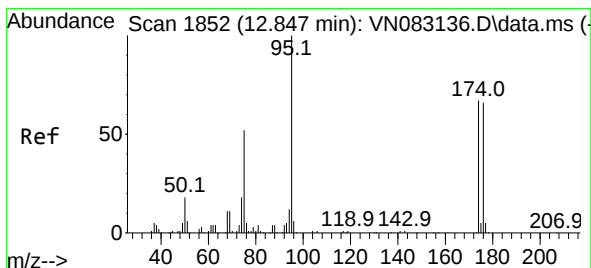
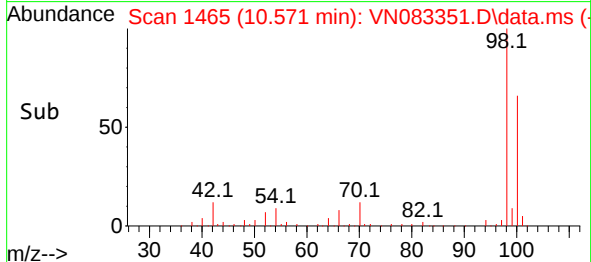
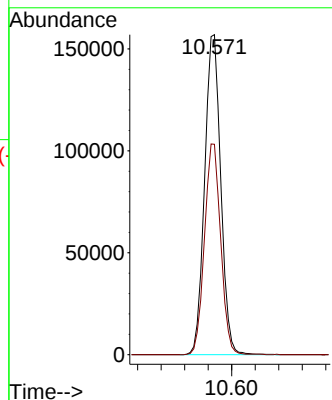
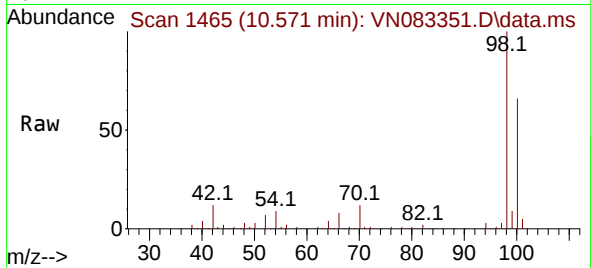




#50
Toluene-d8
Concen: 53.983 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

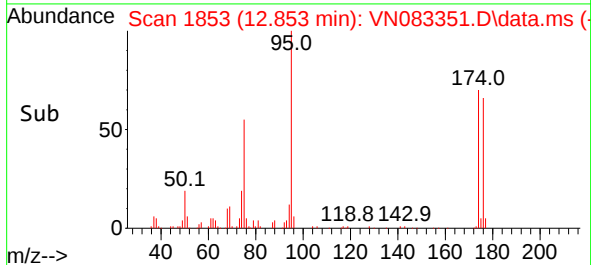
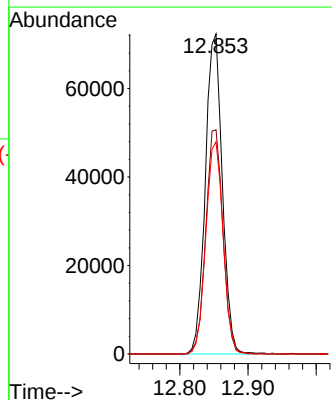
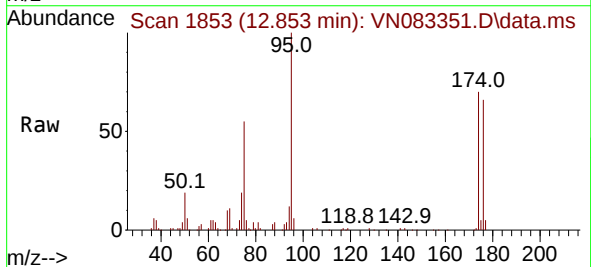
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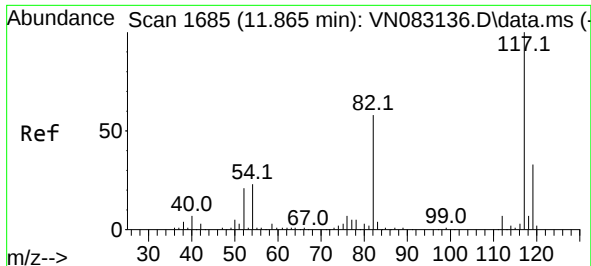
Tgt Ion: 98 Resp: 298447
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 58.121 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

Tgt Ion: 95 Resp: 125270
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.2
176 67.1 0.0 147.6

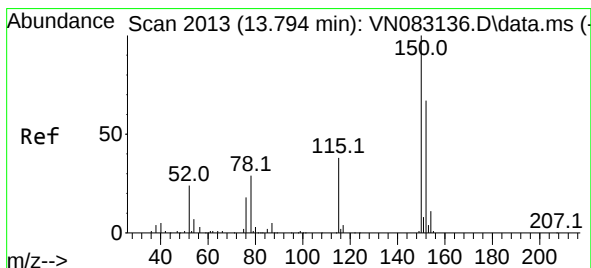
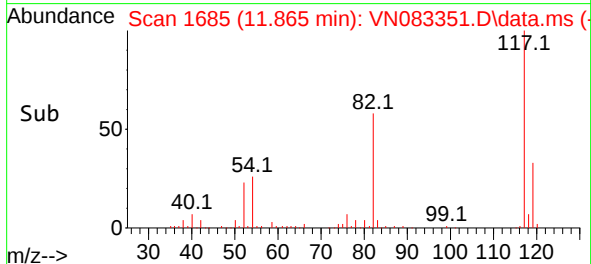
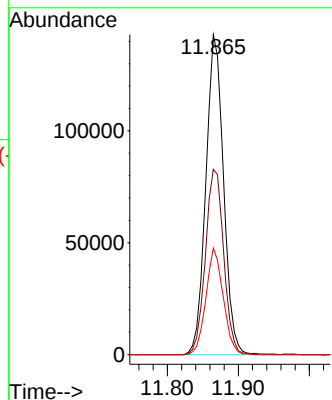
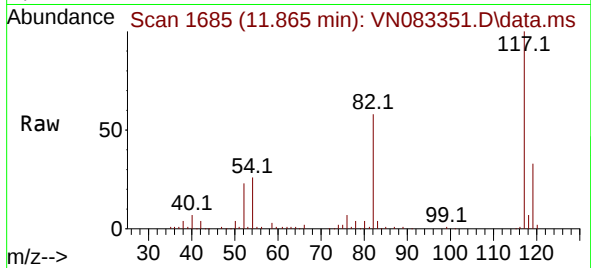




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083351.D
Acq: 16 Aug 2024 14:02

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

Tgt Ion:117 Resp: 248386
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 33.4 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: VN083351.D
Acq: 16 Aug 2024 14:02

Tgt Ion:152 Resp: 109162
Ion Ratio Lower Upper
152 100
115 63.7 30.6 91.6
150 159.4 0.0 348.6

