

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082224\
 Data File : VN083431.D
 Acq On : 22 Aug 2024 13:20
 Operator : JC\MD
 Sample : P3654-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Aug 23 01:40:24 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	136443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108802	56.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.040%
35) Dibromofluoromethane	8.165	113	85479	48.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	10.565	98	312695	47.907	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.847	95	140372	55.163	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.320%

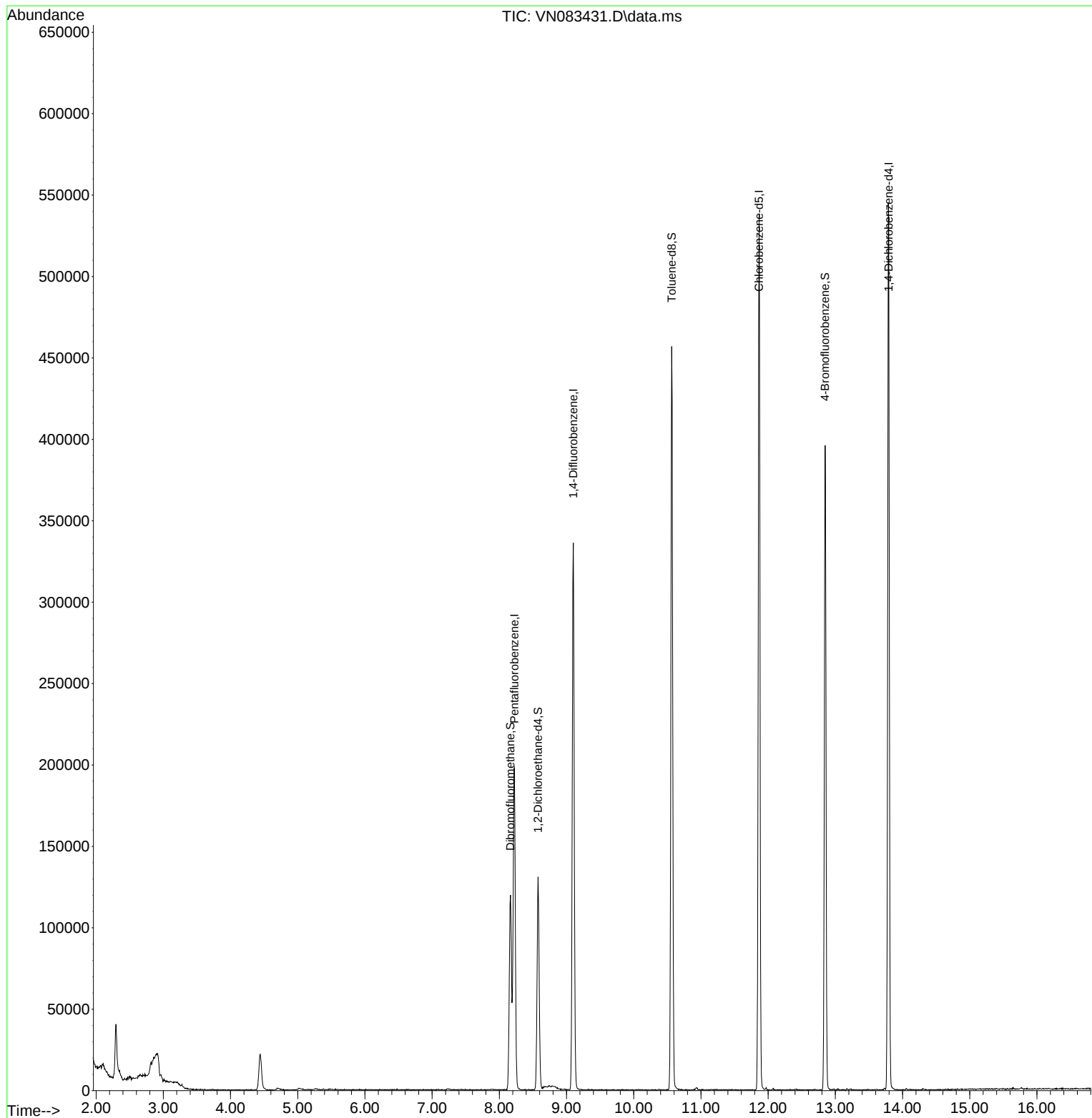
Target Compounds	Qvalue

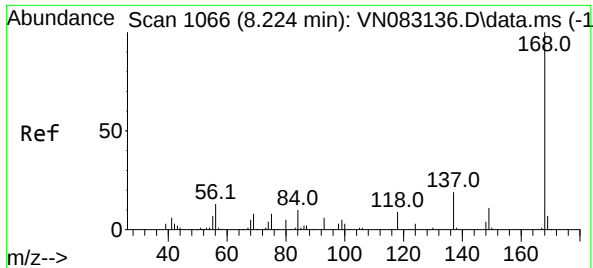
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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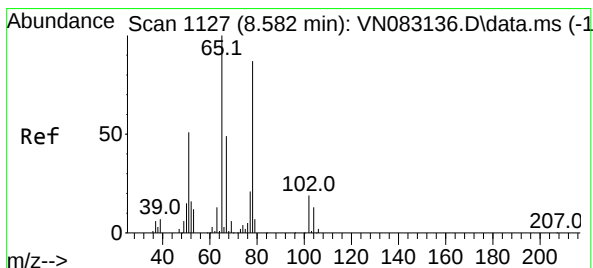
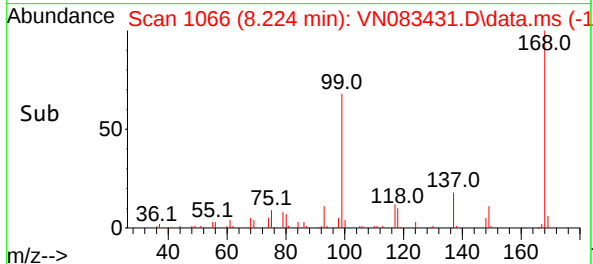
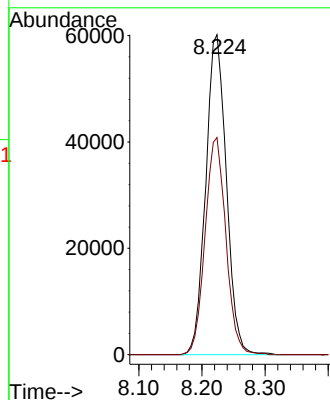
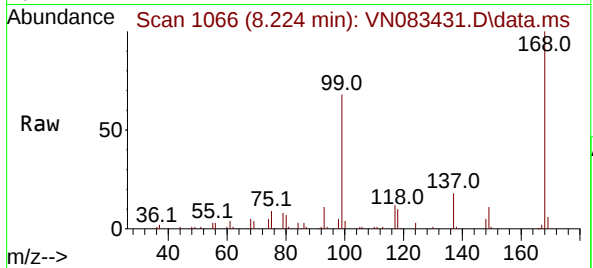




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083431.D
Acq: 22 Aug 2024 13:20

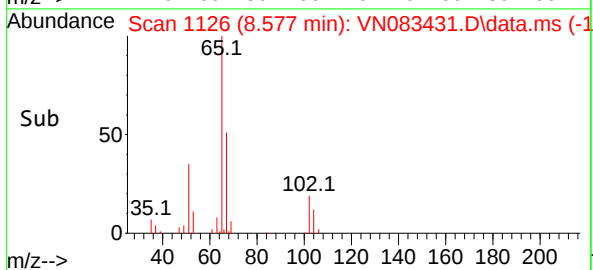
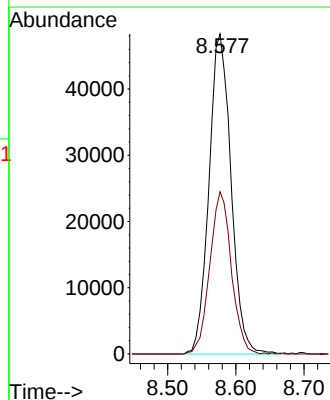
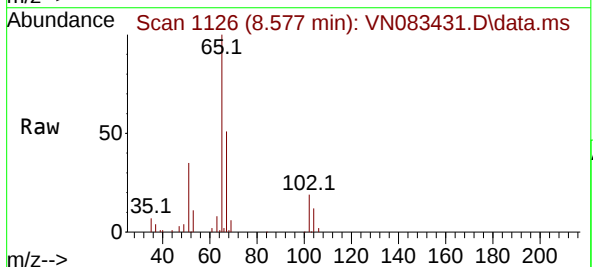
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 136443
Ion Ratio Lower Upper
168 100
99 67.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.023 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083431.D
Acq: 22 Aug 2024 13:20

Tgt Ion: 65 Resp: 108802
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083431.D

Acq: 22 Aug 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

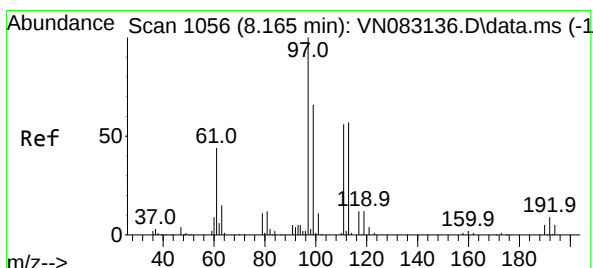
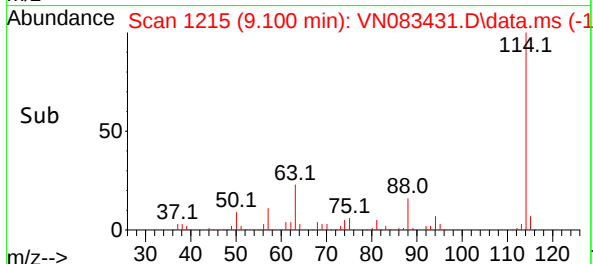
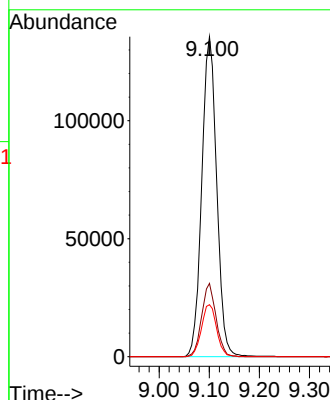
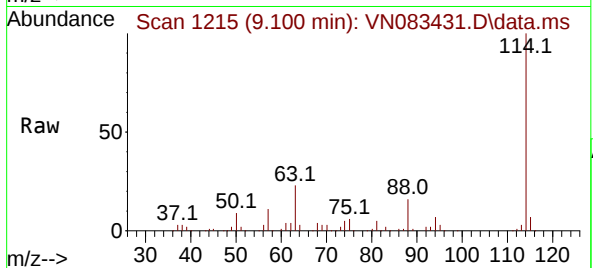
Tgt Ion:114 Resp: 280337

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.851 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083431.D

Acq: 22 Aug 2024 13:20

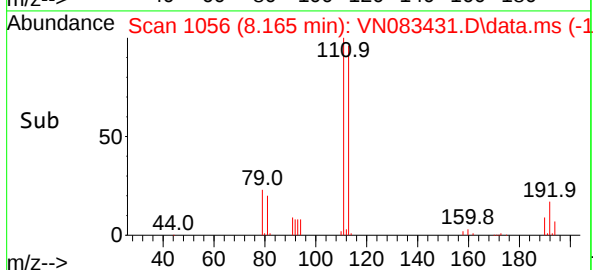
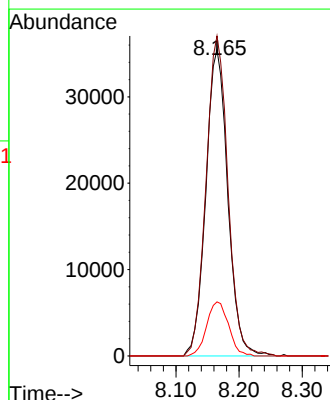
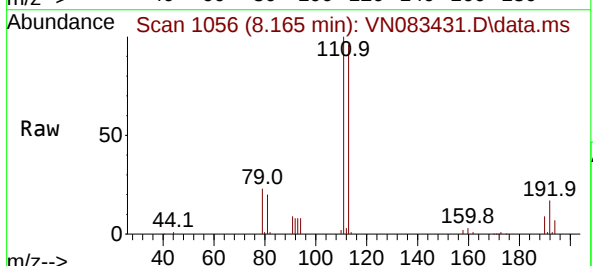
Tgt Ion:113 Resp: 85479

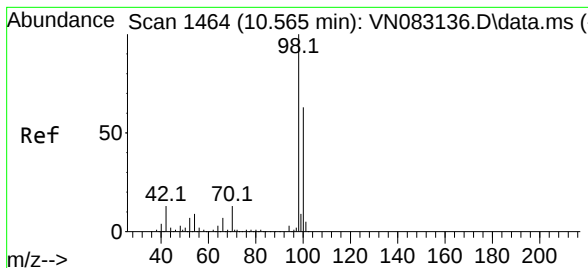
Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

192 17.7 14.9 22.3





#50

Toluene-d8

Concen: 47.907 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083431.D

Acq: 22 Aug 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

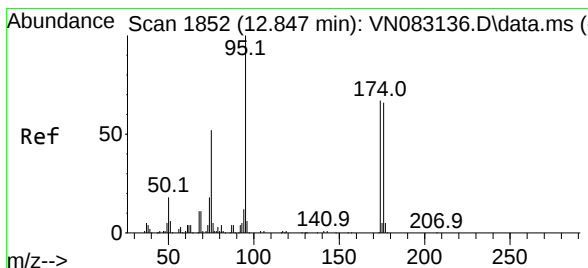
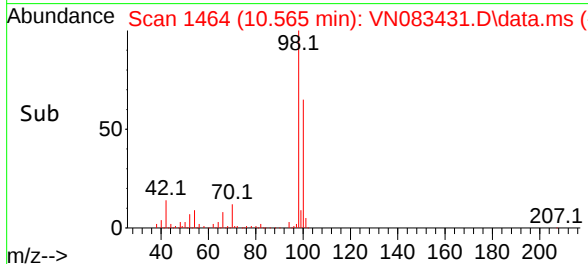
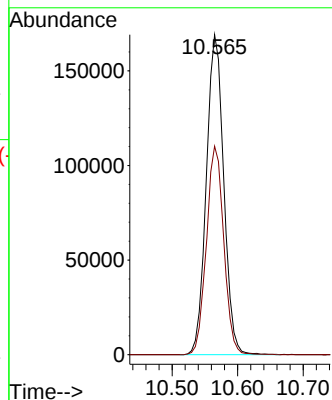
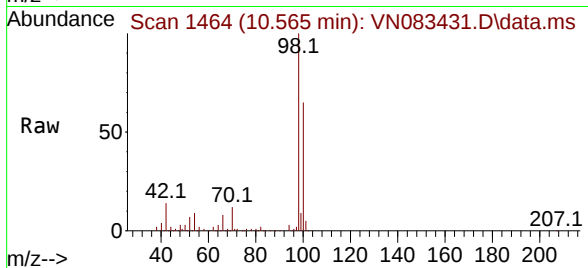
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 312695

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 55.163 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083431.D

Acq: 22 Aug 2024 13:20

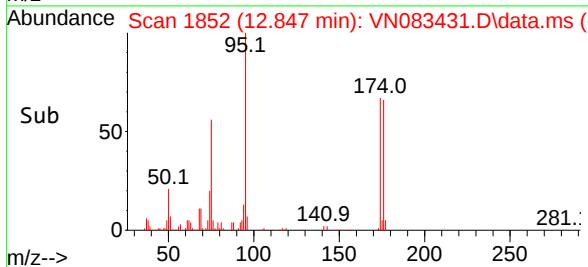
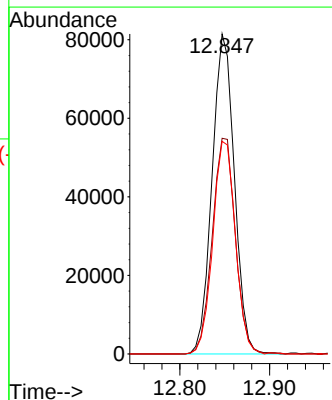
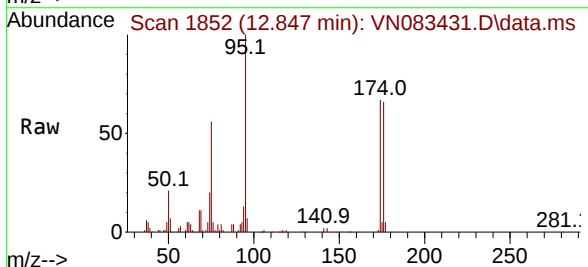
Tgt Ion: 95 Resp: 140372

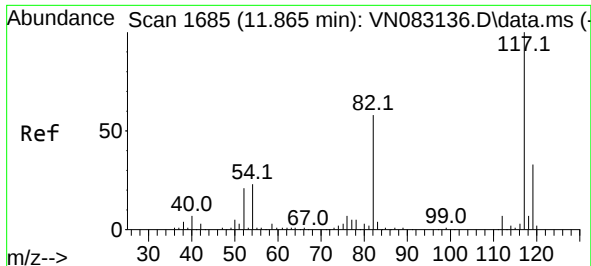
Ion Ratio Lower Upper

95 100

174 69.9 0.0 159.2

176 67.5 0.0 147.6

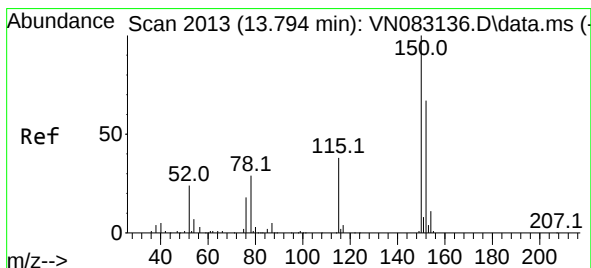
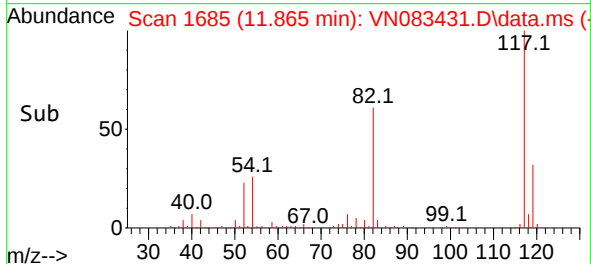
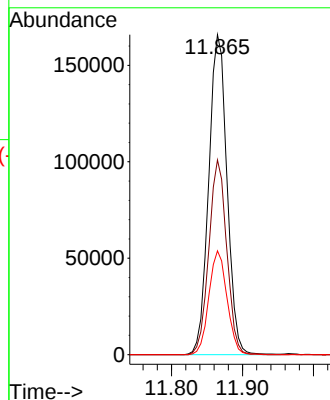
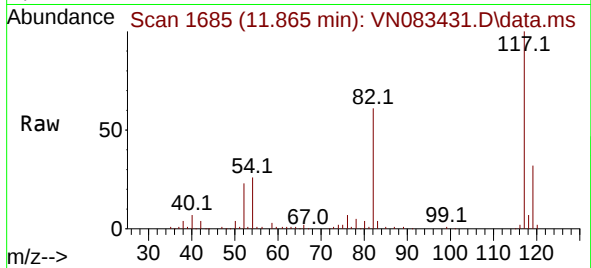




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083431.D
Acq: 22 Aug 2024 13:20

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

Tgt Ion:117 Resp: 296815
Ion Ratio Lower Upper
117 100
82 60.9 47.5 71.3
119 32.5 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: VN083431.D
Acq: 22 Aug 2024 13:20

Tgt Ion:152 Resp: 140090
Ion Ratio Lower Upper
152 100
115 64.9 30.6 91.6
150 159.3 0.0 348.6

