

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083947.D
 Acq On : 17 Sep 2024 15:53
 Operator : JC\MD
 Sample : P3996-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Sep 18 01:51:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	153777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118837	51.251	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.500%
35) Dibromofluoromethane	8.171	113	86831	50.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	10.565	98	319029	53.829	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.660%
62) 4-Bromofluorobenzene	12.847	95	114284	46.738	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.480%

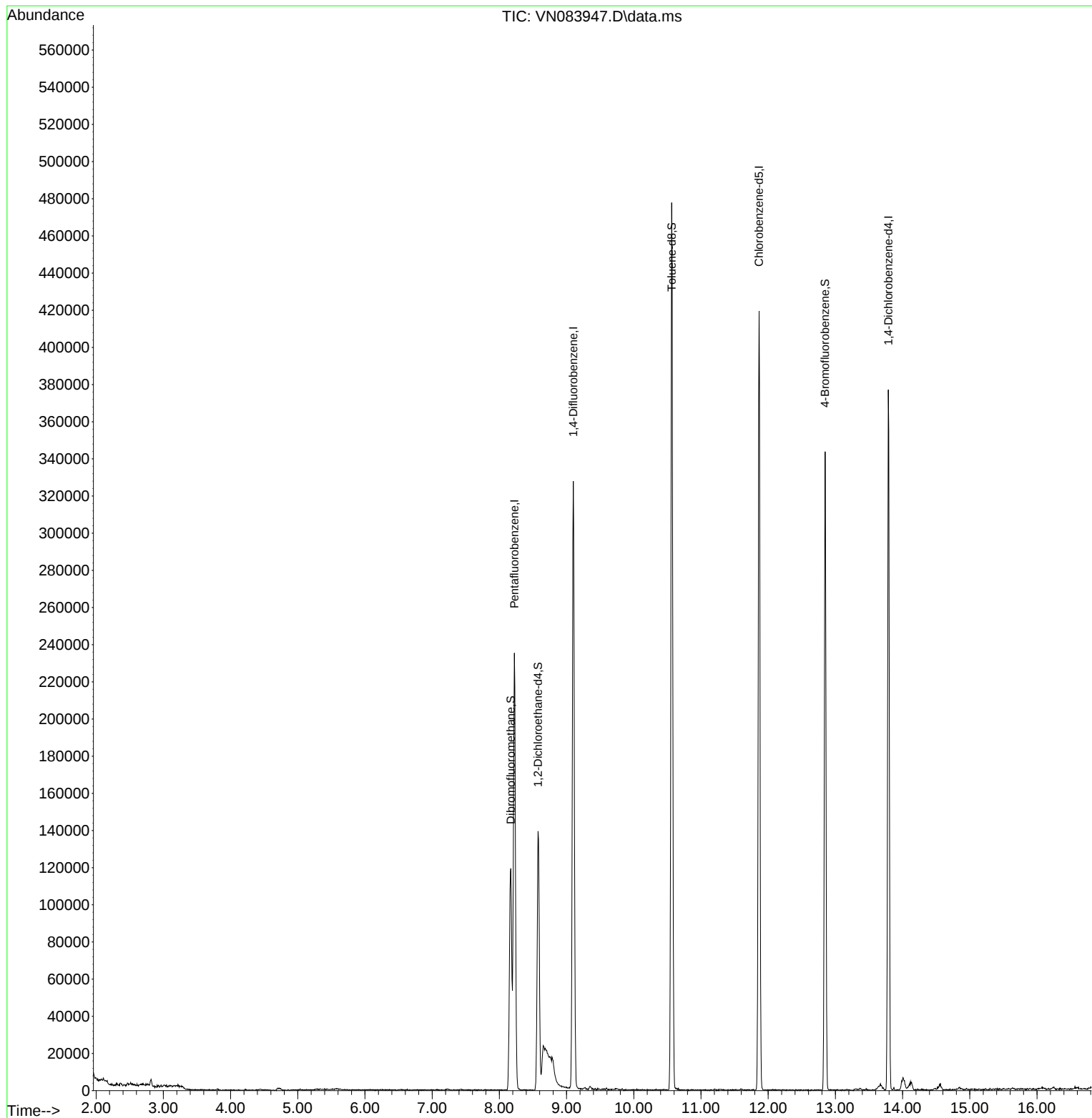
Target Compounds	Qvalue

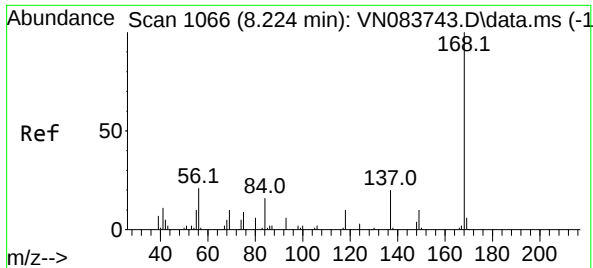
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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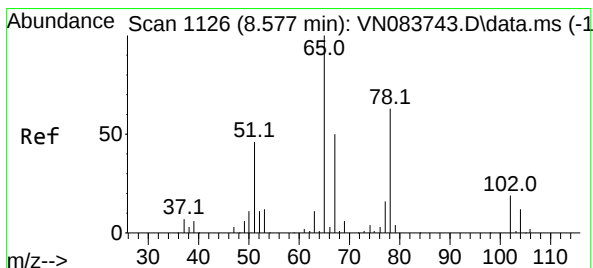
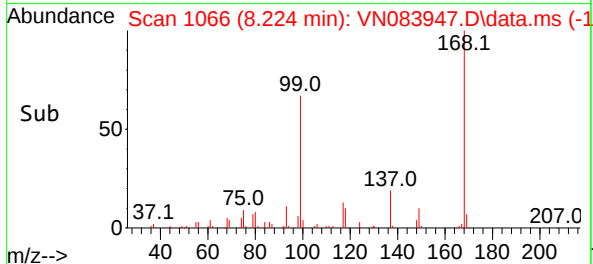
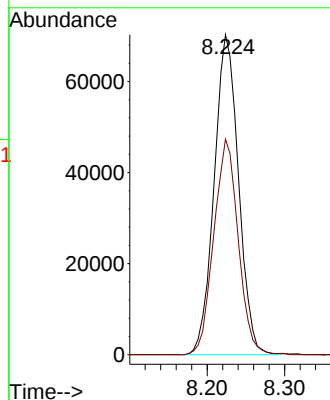
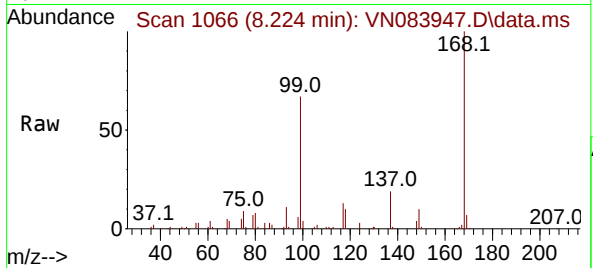




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

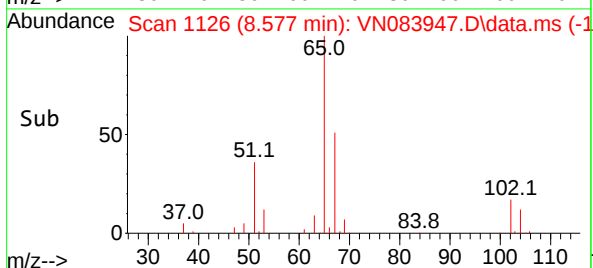
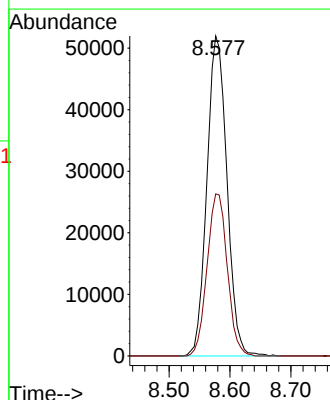
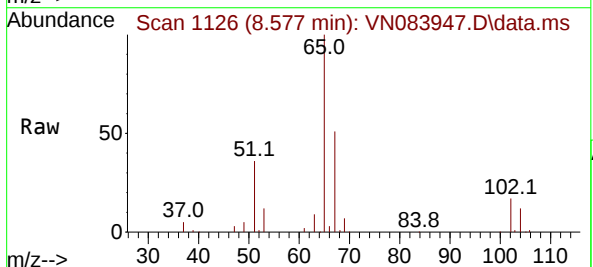
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 153777
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.251 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Tgt Ion: 65 Resp: 118837
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083947.D

Acq: 17 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

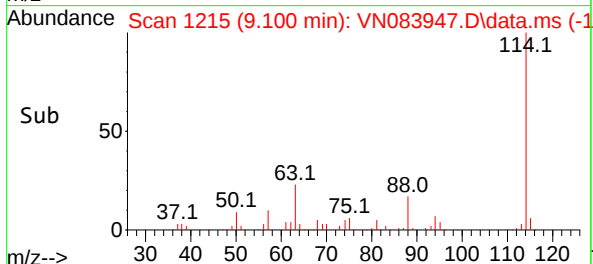
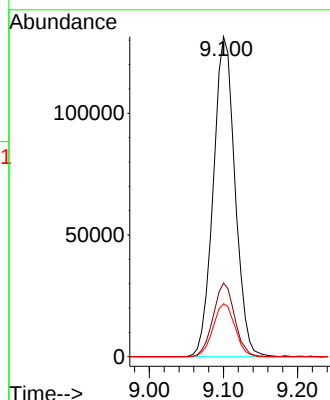
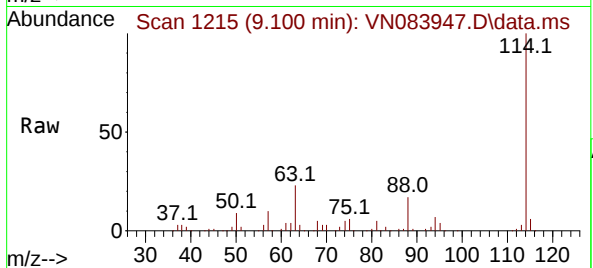
Tgt Ion:114 Resp: 267793

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 16.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.649 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083947.D

Acq: 17 Sep 2024 15:53

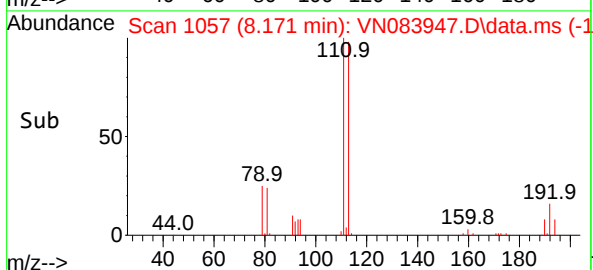
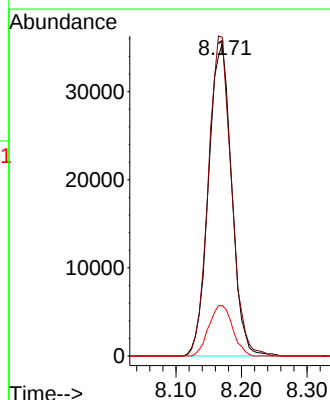
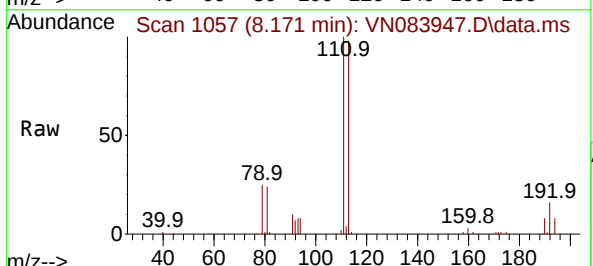
Tgt Ion:113 Resp: 86831

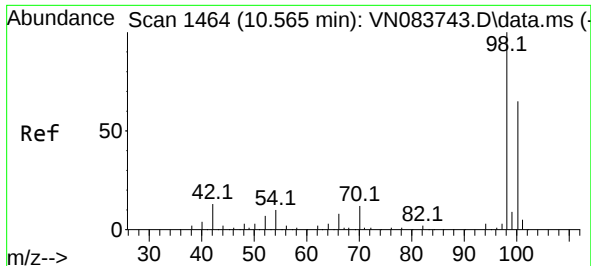
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 16.6 14.3 21.5

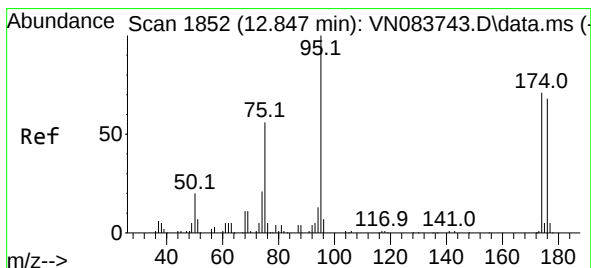
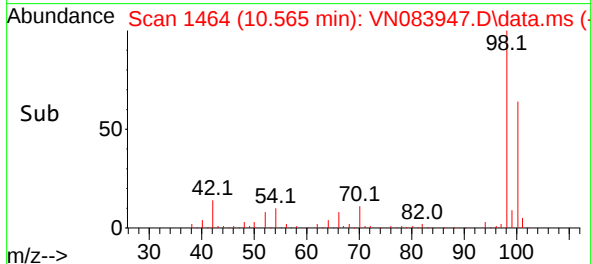
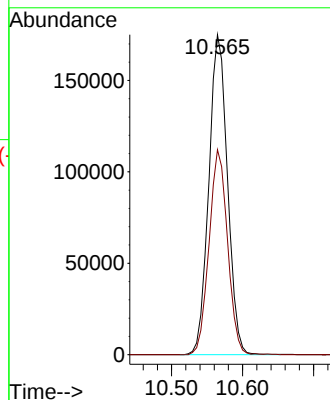
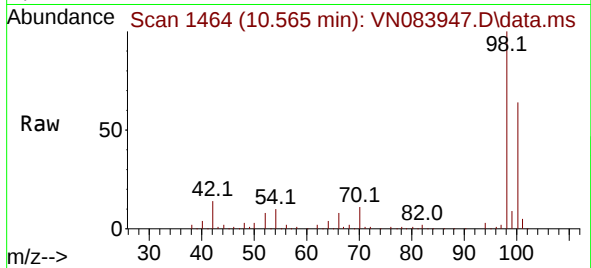




#50
Toluene-d8
Concen: 53.829 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

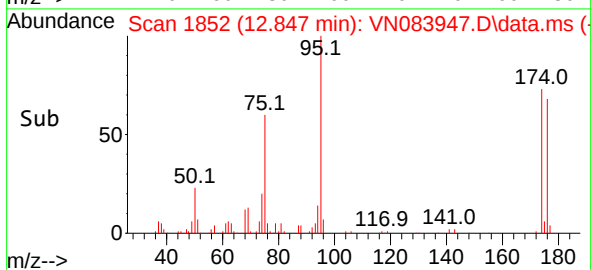
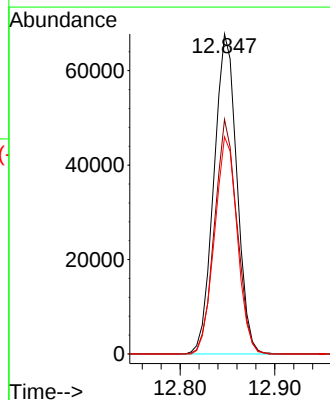
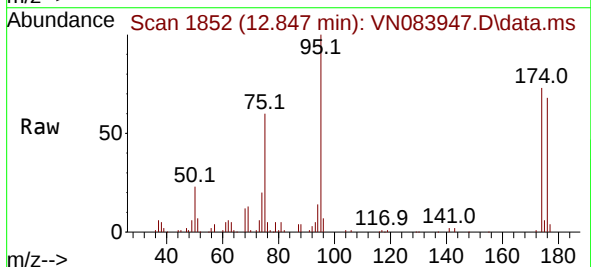
Instrument : MSVOA_N
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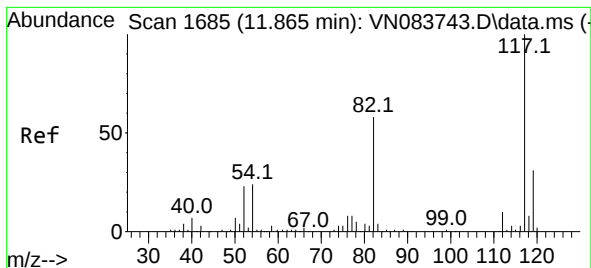
Tgt Ion: 98 Resp: 319029
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.738 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083947.D
Acq: 17 Sep 2024 15:53

Tgt Ion: 95 Resp: 114284
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 67.2 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083947.D

Acq: 17 Sep 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

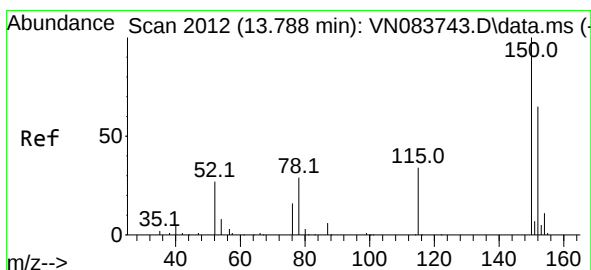
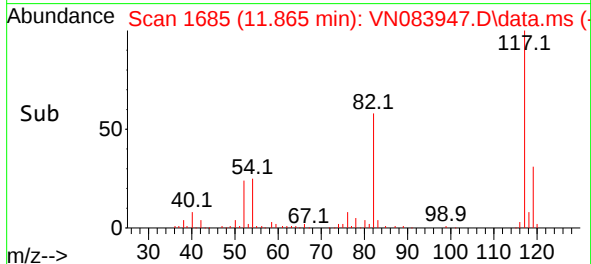
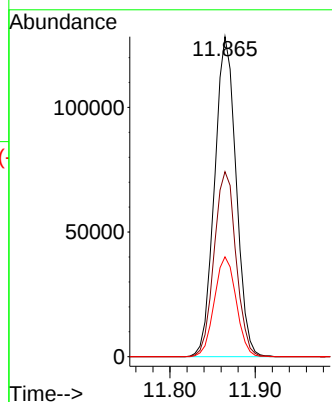
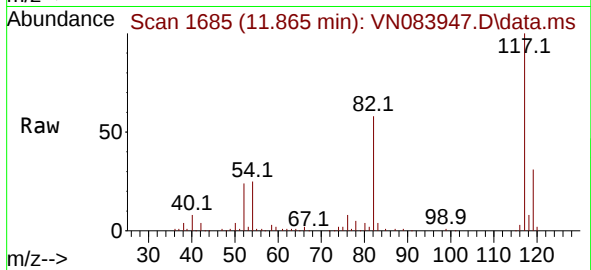
Tgt Ion:117 Resp: 225304

Ion Ratio Lower Upper

117 100

82 57.8 47.4 71.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN083947.D

Acq: 17 Sep 2024 15:53

Tgt Ion:152 Resp: 95233

Ion Ratio Lower Upper

152 100

115 63.8 32.2 96.6

150 157.7 0.0 348.6

