

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085350.D
 Acq On : 30 Dec 2024 17:14
 Operator : JC\MD
 Sample : P5394-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Quant Time: Dec 31 02:16:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	134403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	77810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114655	59.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.620%
35) Dibromofluoromethane	8.165	113	90013	57.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.680%
50) Toluene-d8	10.565	98	311254	54.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.060%
62) 4-Bromofluorobenzene	12.847	95	86205	45.062	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.120%

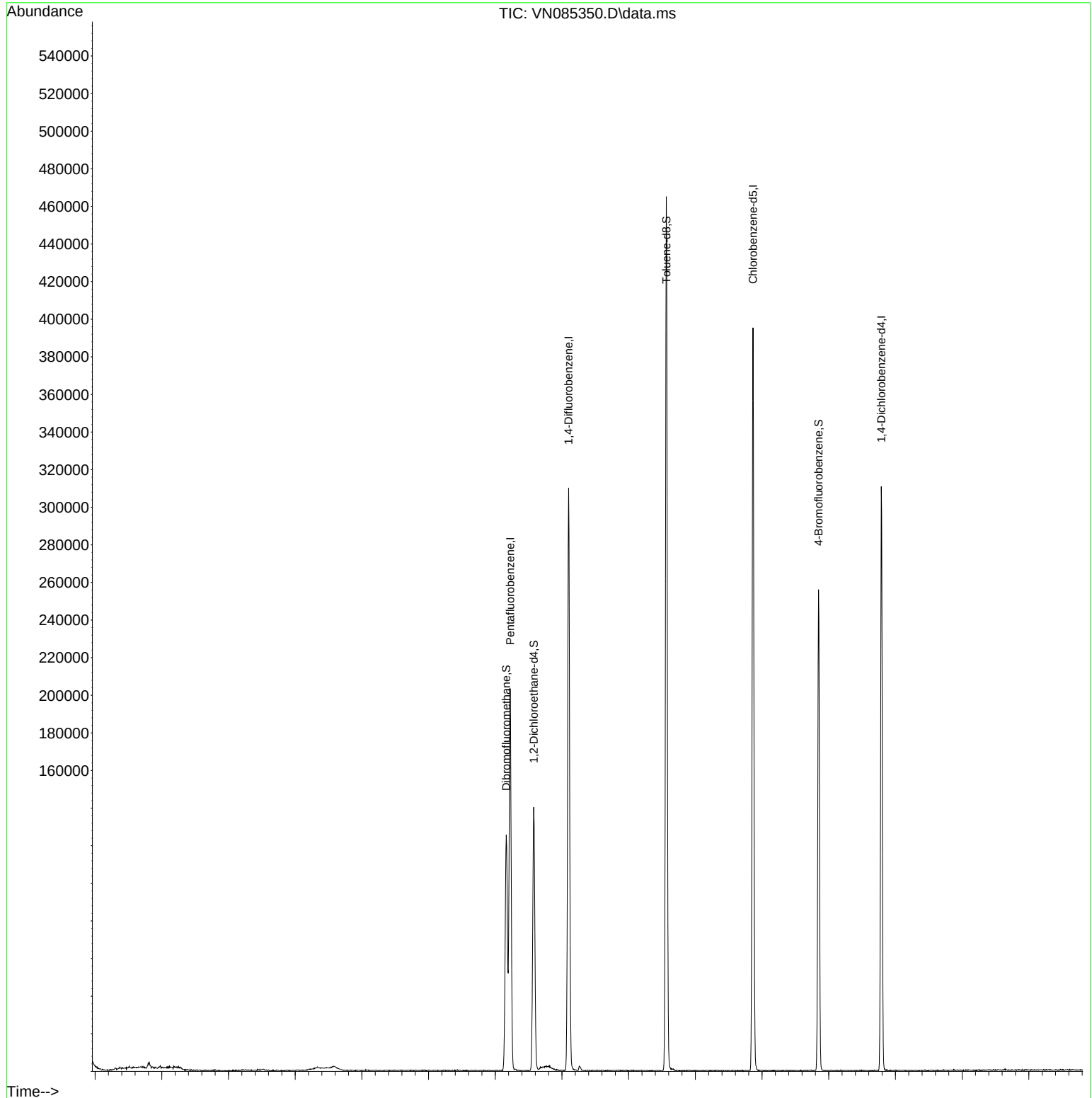
Target Compounds	Qvalue

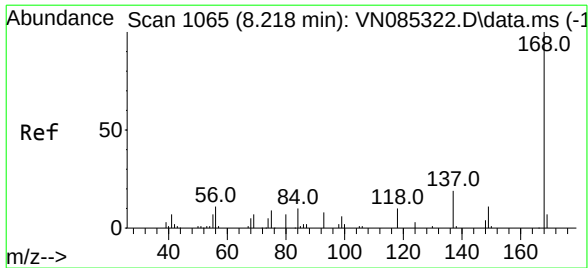
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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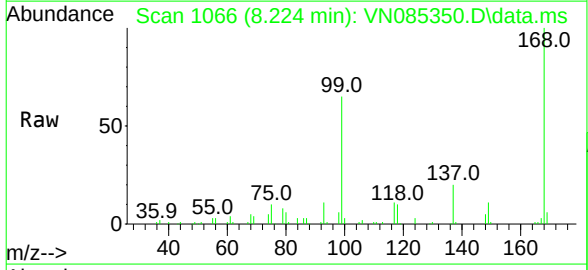
Quant Time: Dec 31 02:16:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
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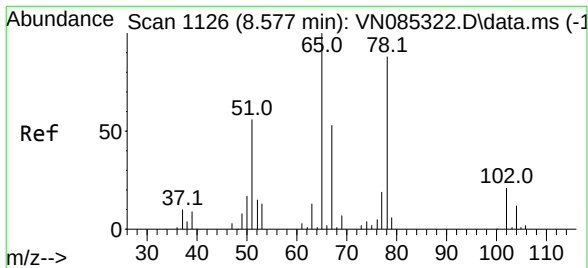
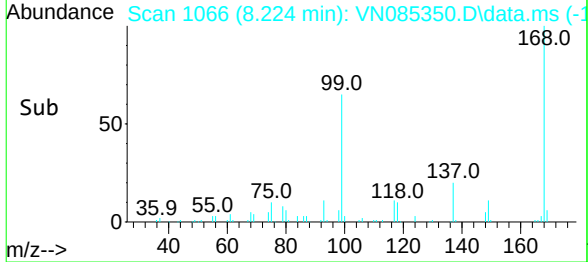
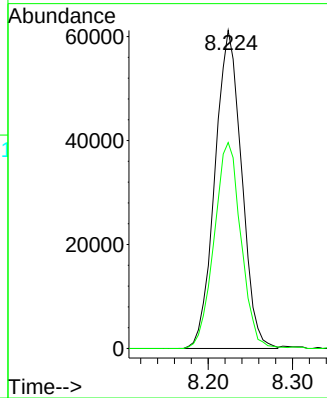


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

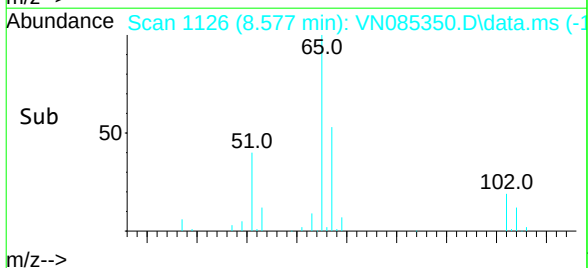
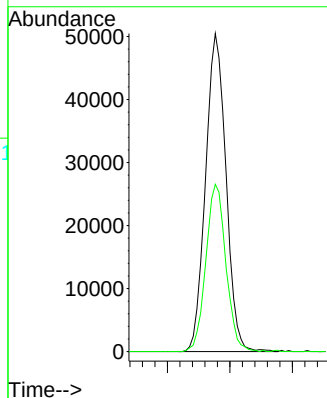
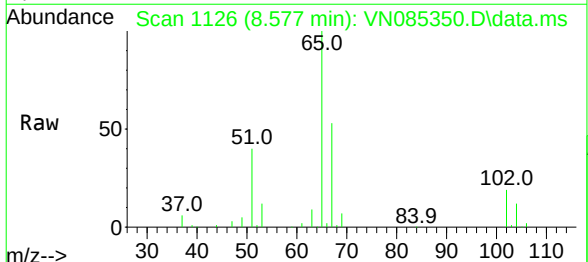


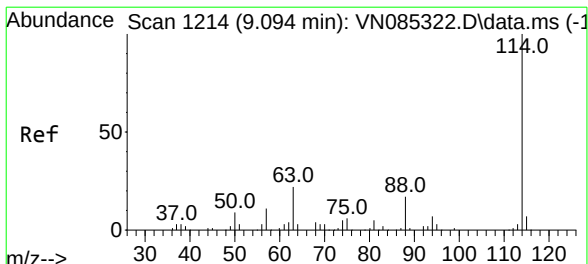
Tgt Ion:168 Resp: 134403
Ion Ratio Lower Upper
168 100
99 64.7 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 59.811 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Tgt Ion: 65 Resp: 114655
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

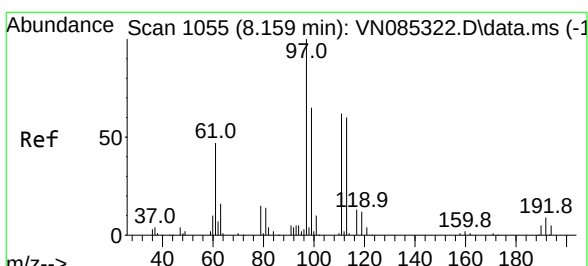
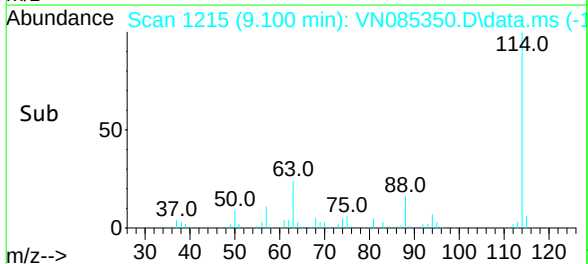
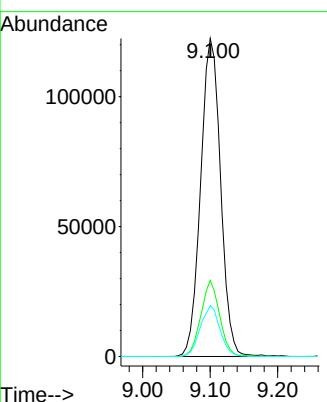
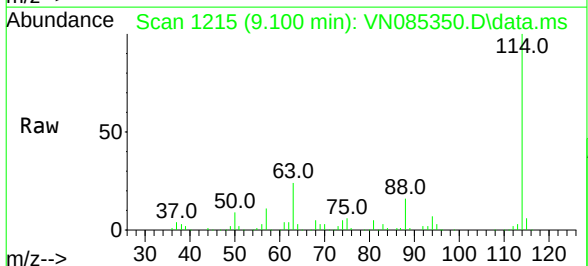




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085350.D
 Acq: 30 Dec 2024 17:14

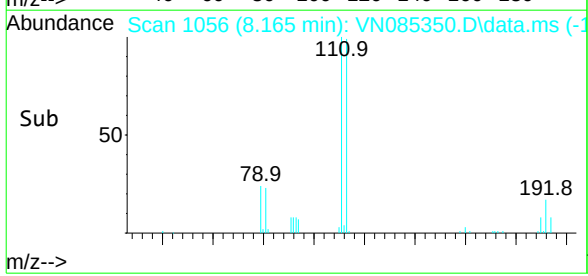
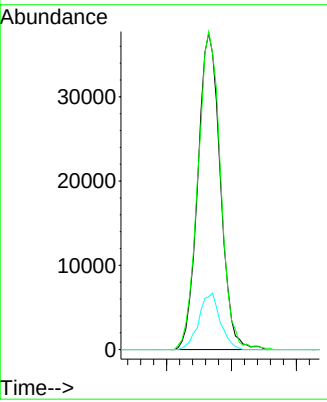
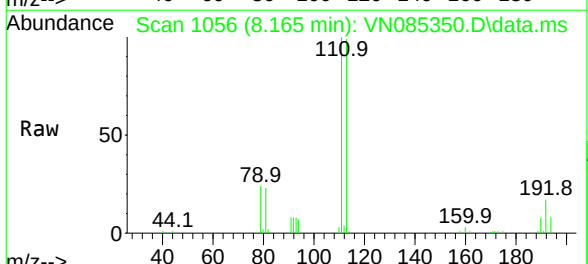
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SOIL-REF-5

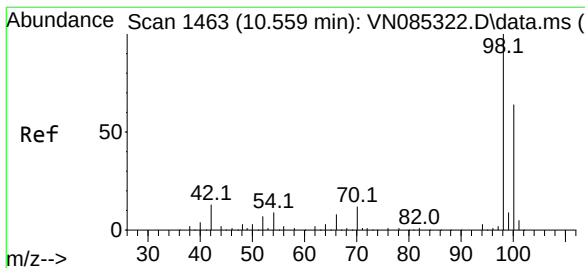
Tgt Ion:	114	Resp:	251622
Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	43.4
88	16.0	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 57.342 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085350.D
 Acq: 30 Dec 2024 17:14

Tgt Ion:	113	Resp:	90013
Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.5	120.7
192	16.9	12.9	19.3





#50

Toluene-d8

Concen: 54.034 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085350.D

Acq: 30 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

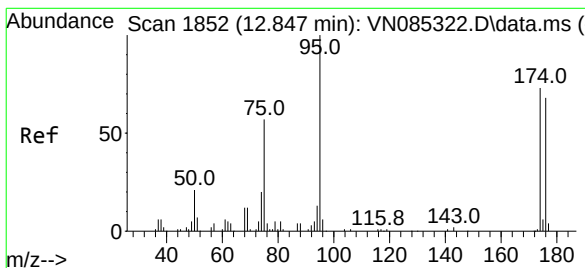
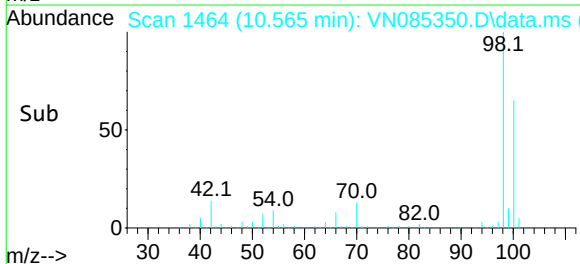
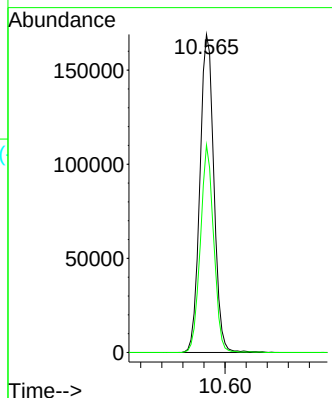
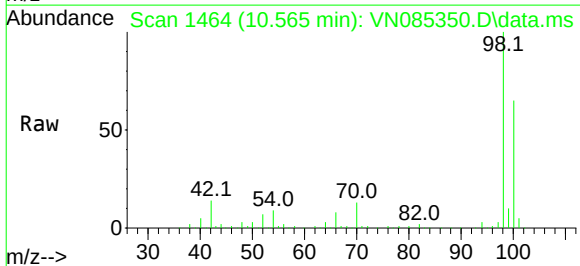
STORAGE-BLANK-SOIL-REF-5

Tgt Ion: 98 Resp: 311254

Ion Ratio Lower Upper

98 100

100 62.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.062 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085350.D

Acq: 30 Dec 2024 17:14

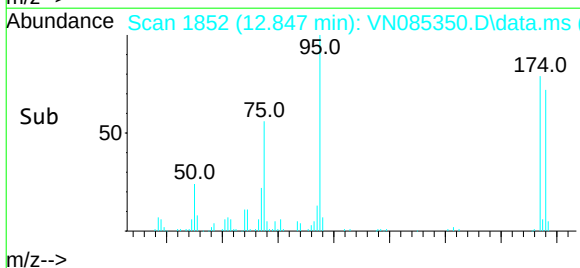
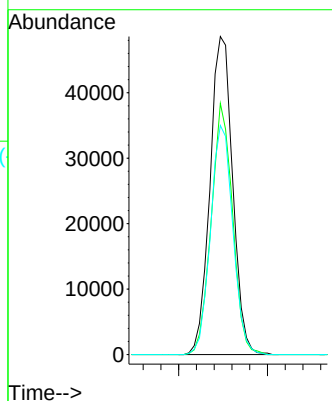
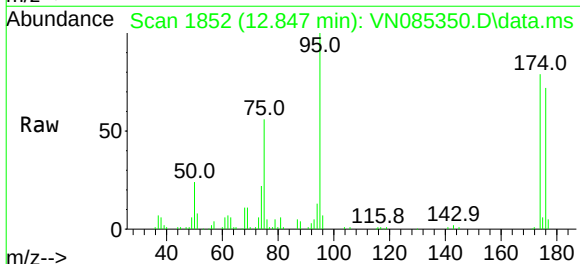
Tgt Ion: 95 Resp: 86205

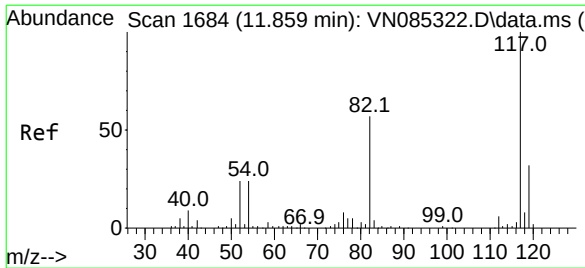
Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.2

176 71.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085350.D

Acq: 30 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

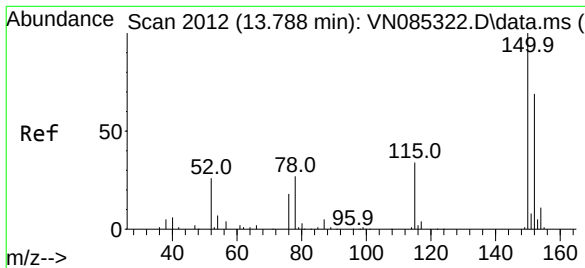
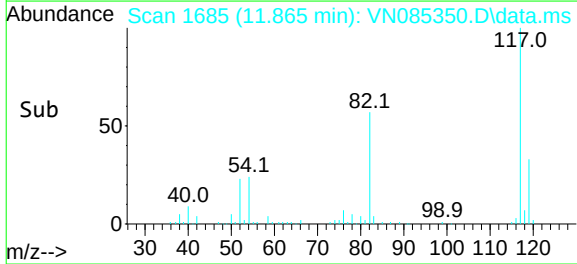
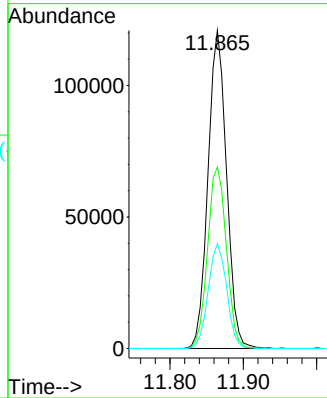
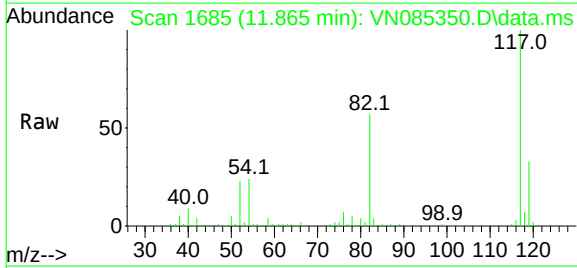
Tgt Ion:117 Resp: 212421

Ion Ratio Lower Upper

117 100

82 57.0 45.7 68.5

119 32.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085350.D

Acq: 30 Dec 2024 17:14

Tgt Ion:152 Resp: 77810

Ion Ratio Lower Upper

152 100

115 63.8 30.4 91.3

150 159.1 0.0 345.0

