

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120324\
 Data File : VN085081.D
 Acq On : 03 Dec 2024 16:42
 Operator : JC\MD
 Sample : P5050-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 03 23:53:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	162853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	283414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	117886	50.819	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.640%	
35) Dibromofluoromethane	8.159	113	96865	50.682	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.360%	
50) Toluene-d8	10.565	98	320262	46.757	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.520%	
62) 4-Bromofluorobenzene	12.847	95	119381	46.606	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.220%	

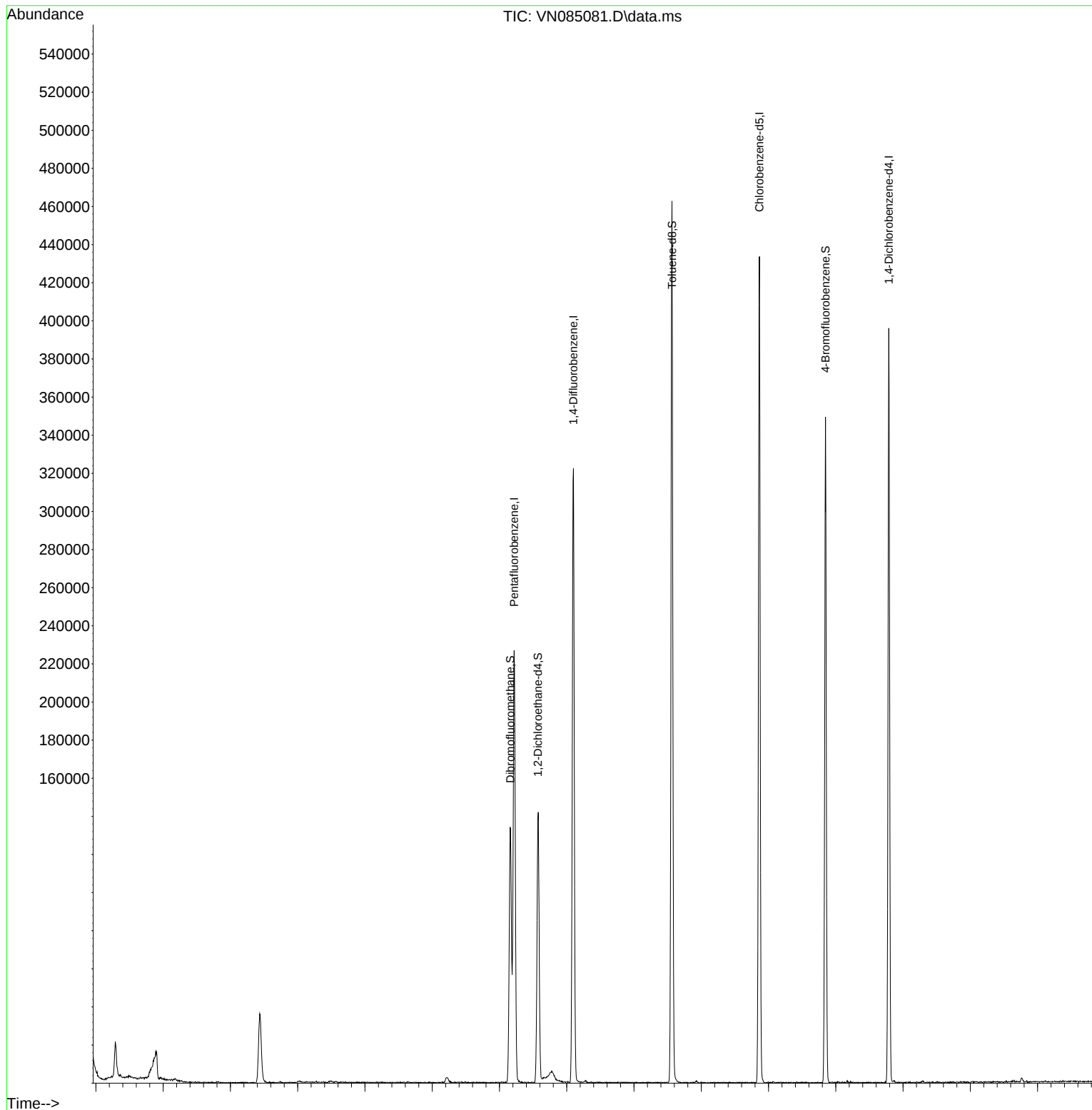
Target Compounds Qvalue

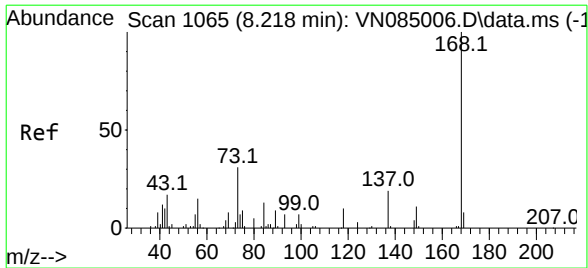
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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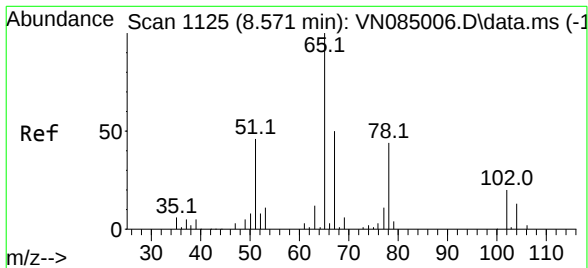
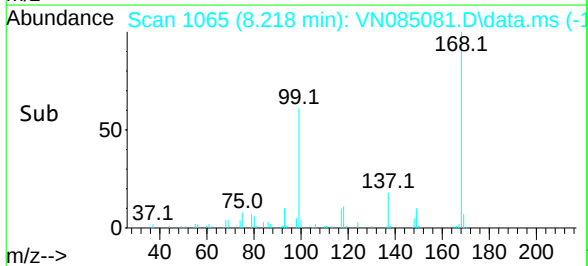
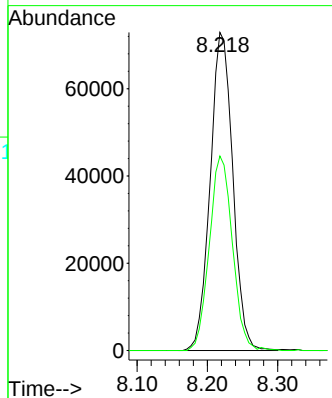
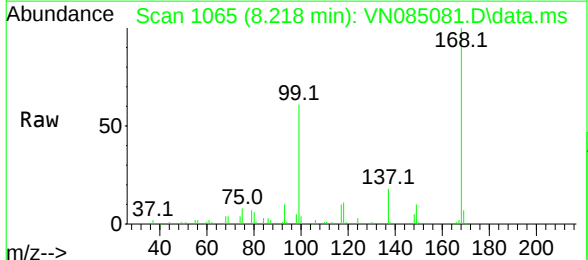




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085081.D
Acq: 03 Dec 2024 16:42

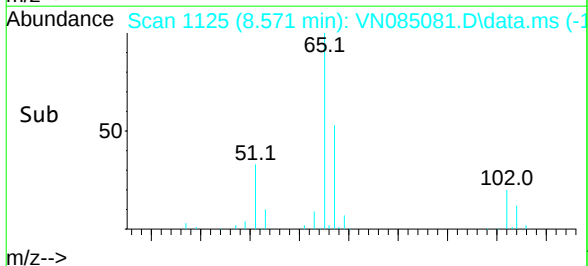
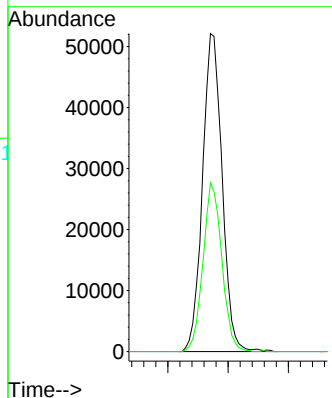
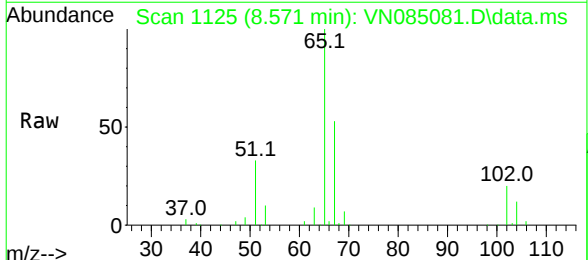
Instrument : MSVOA_N
ClientSampleId : Storage-Blank-SOIL-REF-6

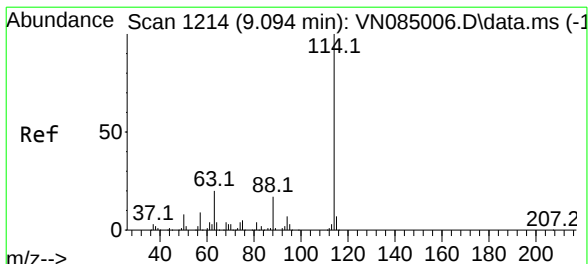
Tgt Ion:168 Resp: 162853
Ion Ratio Lower Upper
168 100
99 61.1 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 50.819 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN085081.D
Acq: 03 Dec 2024 16:42

Tgt Ion: 65 Resp: 117886
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.0

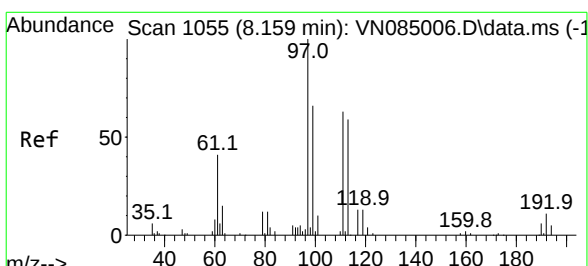
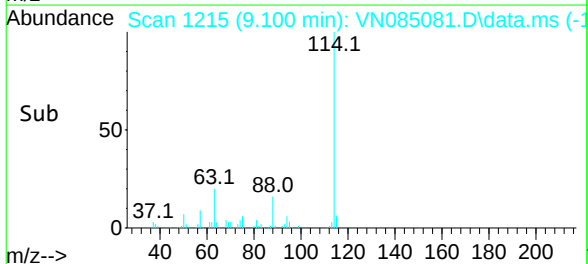
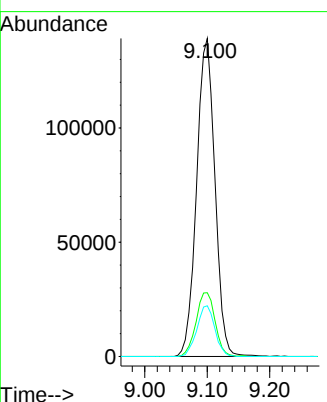
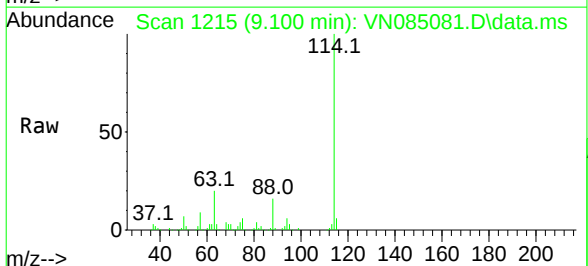




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085081.D
 Acq: 03 Dec 2024 16:42

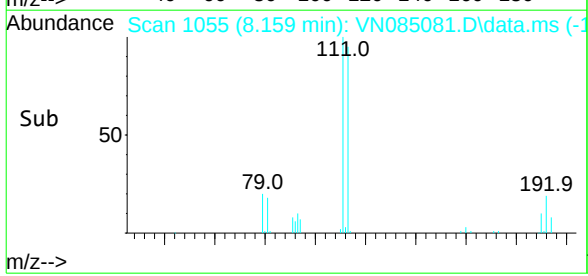
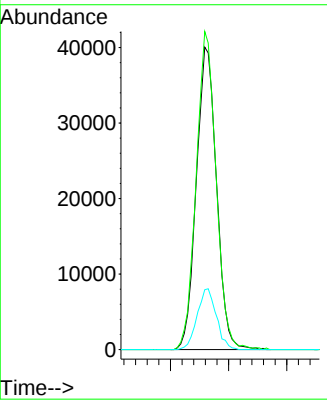
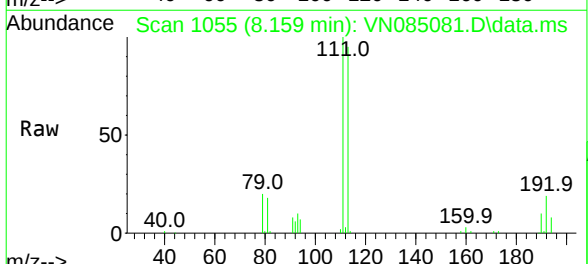
Instrument : MSVOA_N
 ClientSampleId : Storage-Blank-SOIL-REF-6

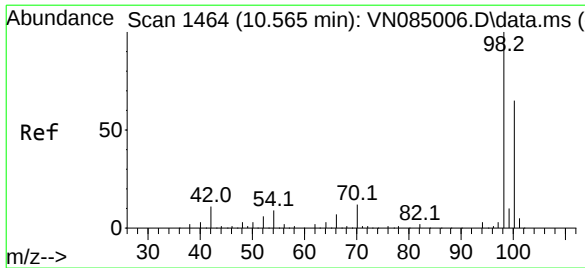
Tgt Ion:	114	Resp:	283414
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	41.0
88	15.9	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 50.682 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085081.D
 Acq: 03 Dec 2024 16:42

Tgt Ion:	113	Resp:	96865
Ion Ratio	Lower	Upper	
113	100		
111	103.6	82.0	123.0
192	19.1	14.8	22.2





#50

Toluene-d8

Concen: 46.757 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085081.D

Acq: 03 Dec 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

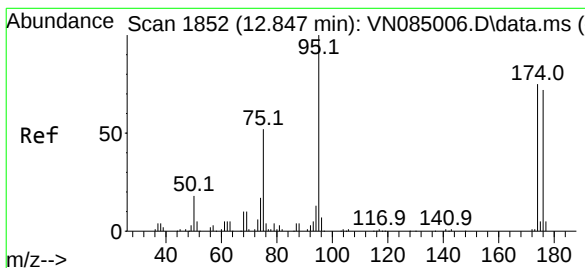
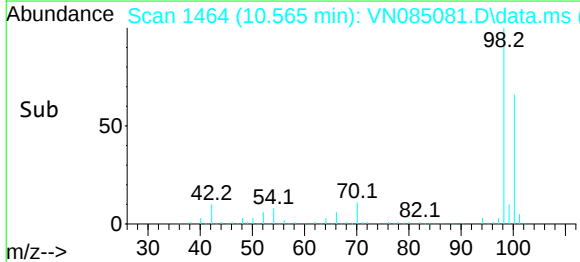
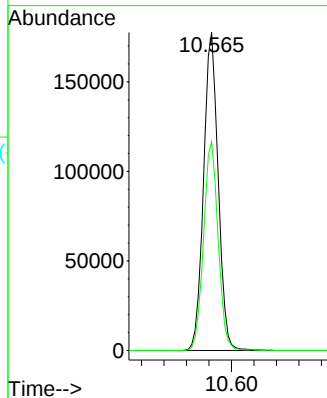
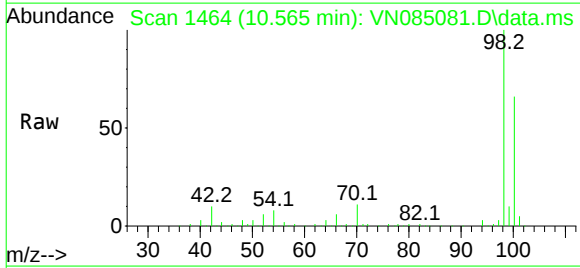
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 320262

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 46.606 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085081.D

Acq: 03 Dec 2024 16:42

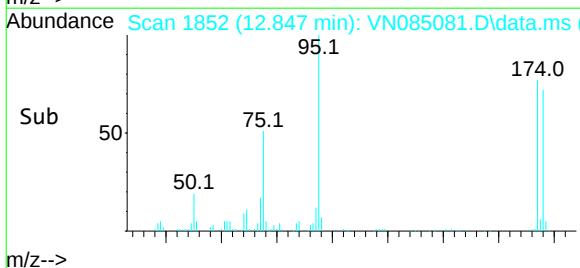
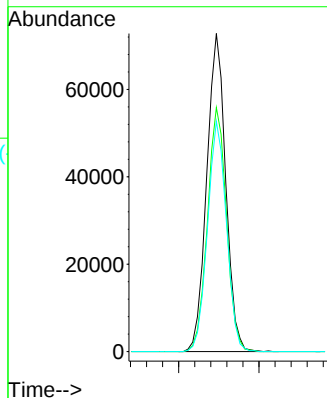
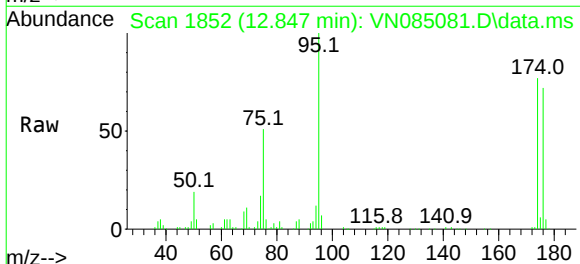
Tgt Ion: 95 Resp: 119381

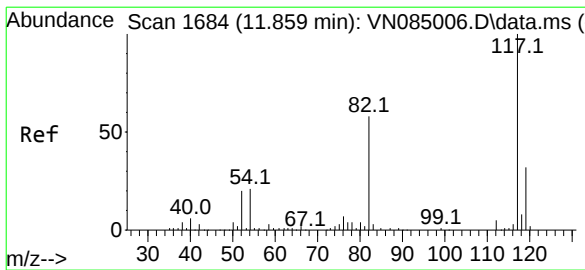
Ion Ratio Lower Upper

95 100

174 76.9 0.0 146.6

176 72.0 0.0 141.8

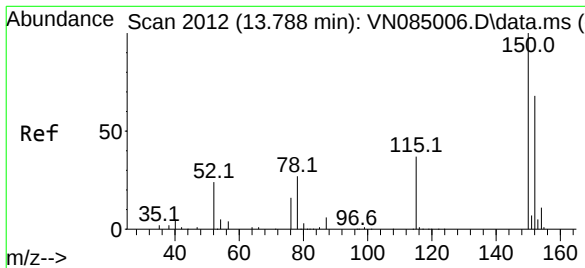
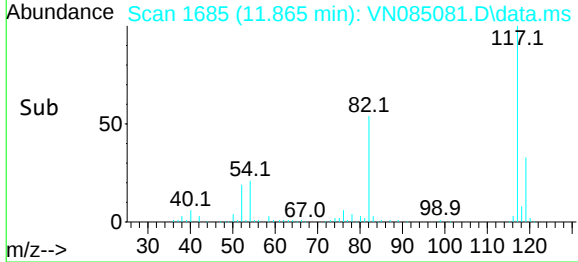
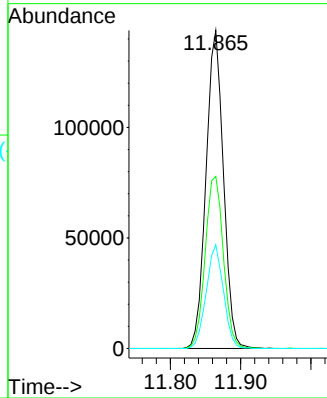
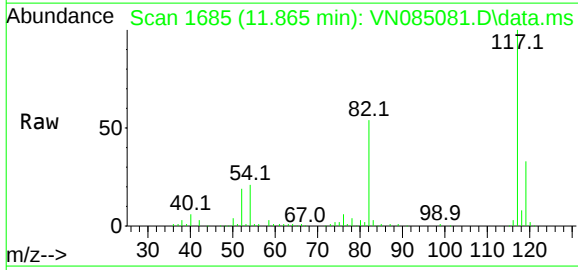




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085081.D
Acq: 03 Dec 2024 16:42

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

Tgt Ion:117 Resp: 248007
Ion Ratio Lower Upper
117 100
82 54.1 46.0 69.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085081.D
Acq: 03 Dec 2024 16:42

Tgt Ion:152 Resp: 105563
Ion Ratio Lower Upper
152 100
115 63.7 31.7 95.1
150 159.6 0.0 351.4

