

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085347.D
 Acq On : 30 Dec 2024 16:02
 Operator : JC\MD
 Sample : P5369-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

Quant Time: Dec 31 02:15:30 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	147922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124029	58.787	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	117.580%	
35) Dibromofluoromethane	8.165	113	93485	54.180	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	108.360%	
50) Toluene-d8	10.565	98	334271	52.794	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	105.580%	
62) 4-Bromofluorobenzene	12.847	95	96715	45.993	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	91.980%	

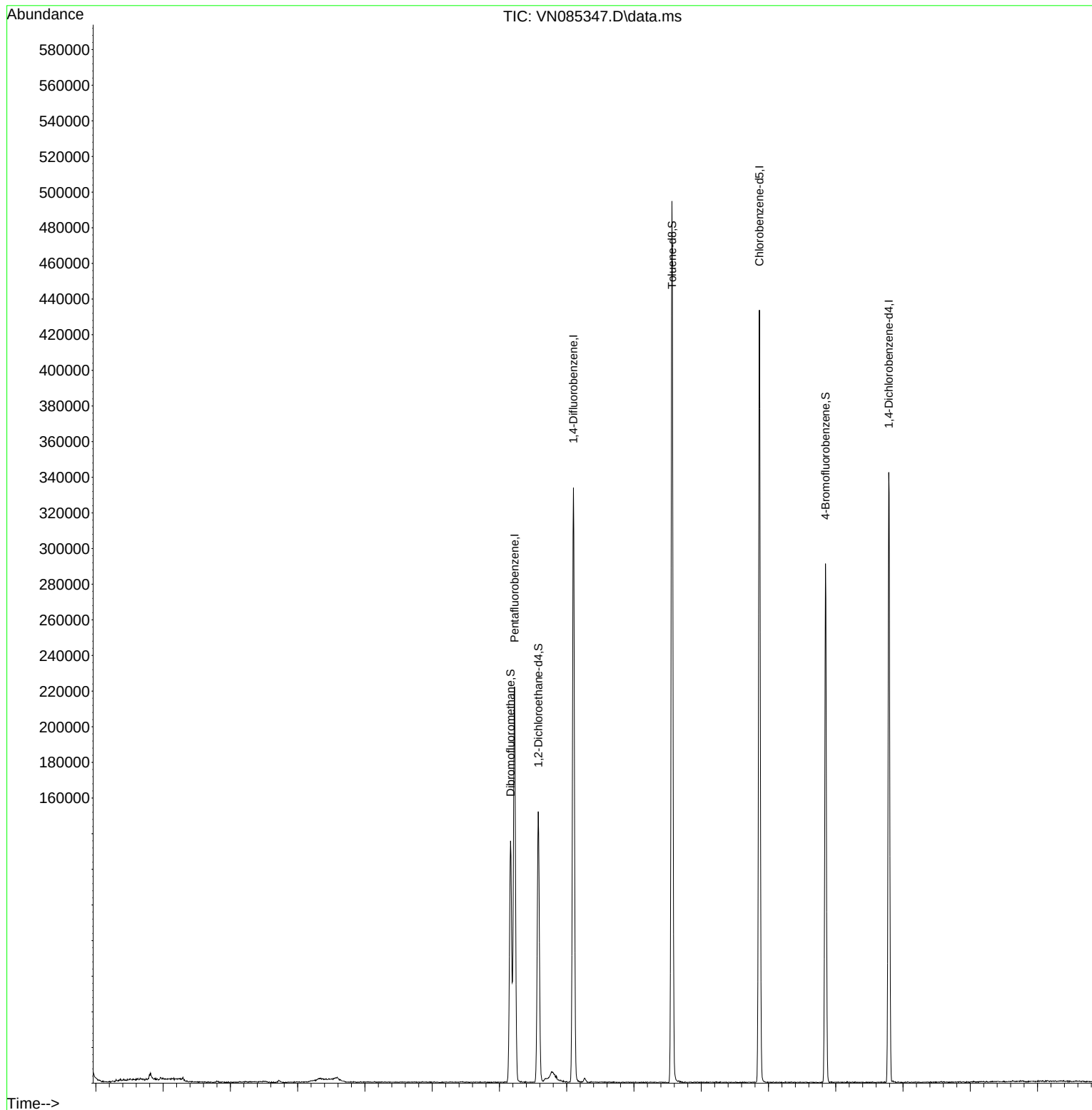
Target Compounds Qvalue

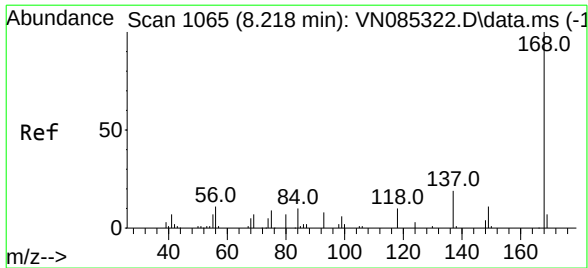
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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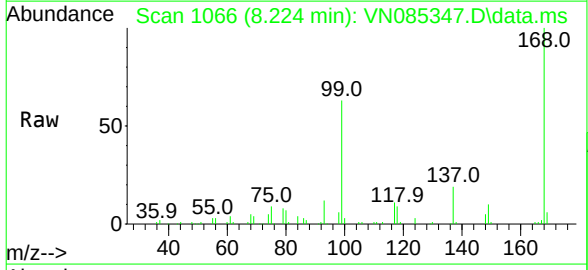
Quant Time: Dec 31 02:15:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
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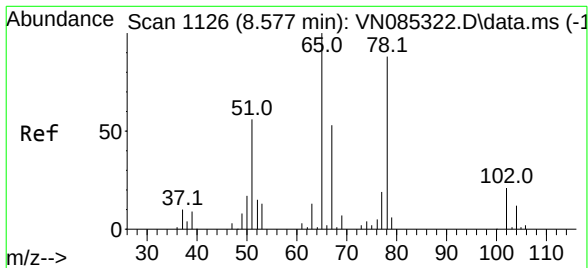
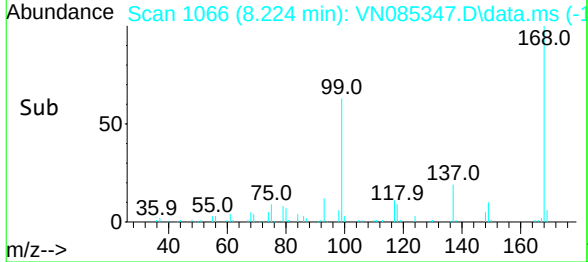
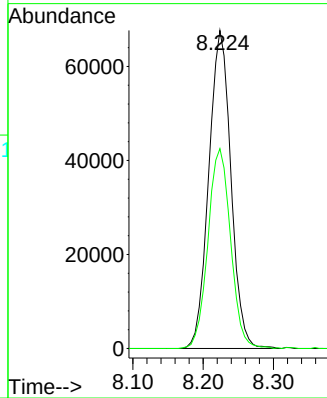


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

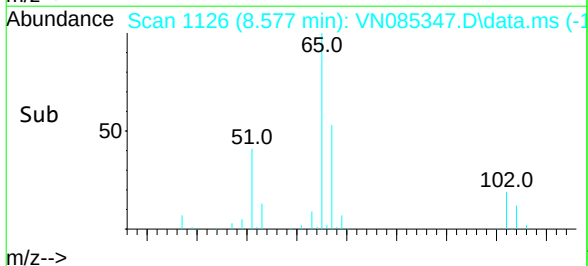
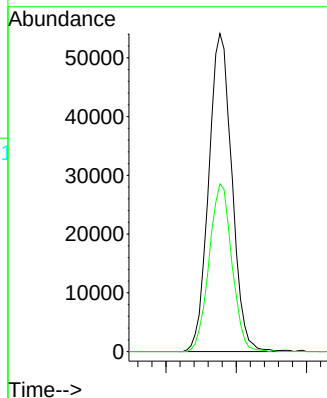
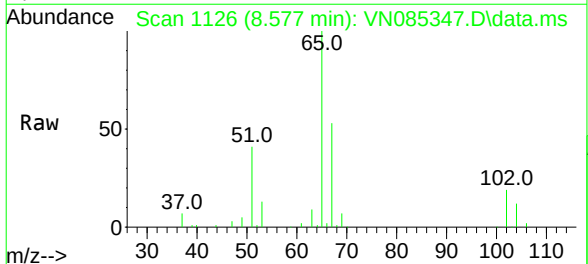


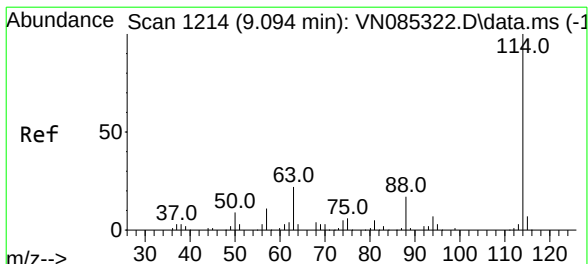
Tgt Ion:168 Resp: 147922
Ion Ratio Lower Upper
168 100
99 62.9 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 58.787 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

Tgt Ion: 65 Resp: 124029
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

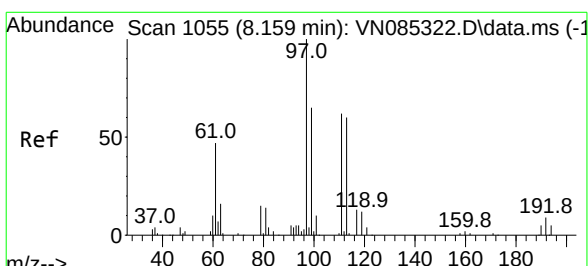
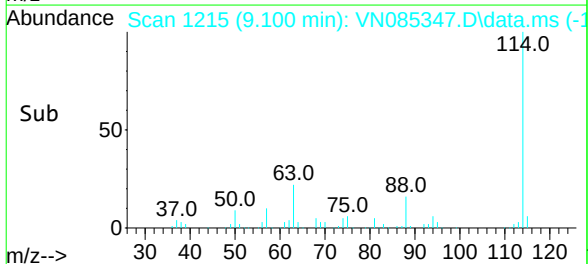
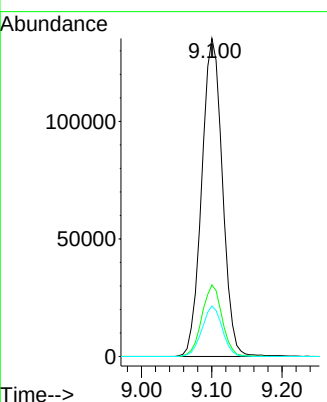
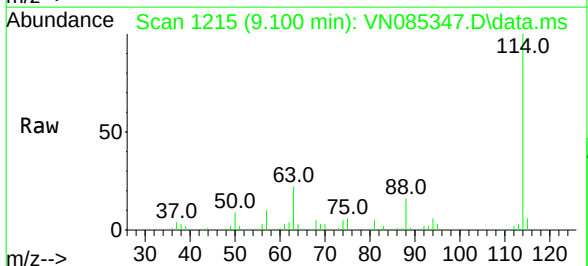




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085347.D
 Acq: 30 Dec 2024 16:02

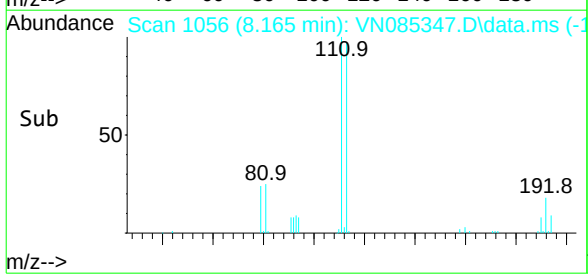
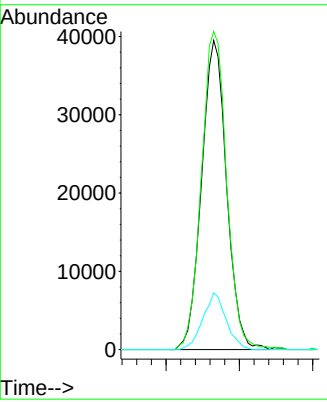
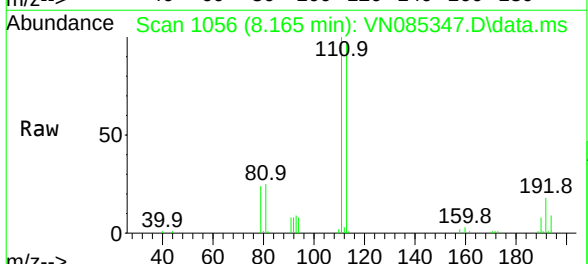
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SOIL-REF-4

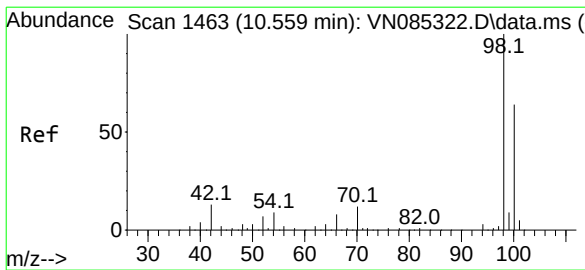
Tgt Ion:	114	Resp:	276580
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.4
88	15.9	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 54.180 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085347.D
 Acq: 30 Dec 2024 16:02

Tgt Ion:	113	Resp:	93485
Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.5	120.7
192	17.1	12.9	19.3





#50

Toluene-d8

Concen: 52.794 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

Instrument :

MSVOA_N

ClientSampleId :

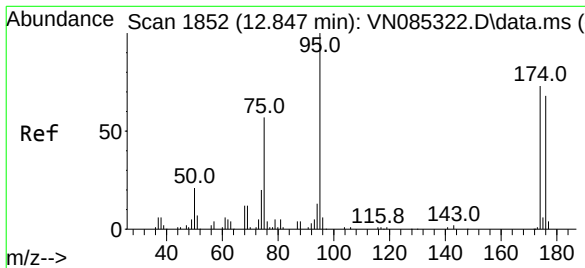
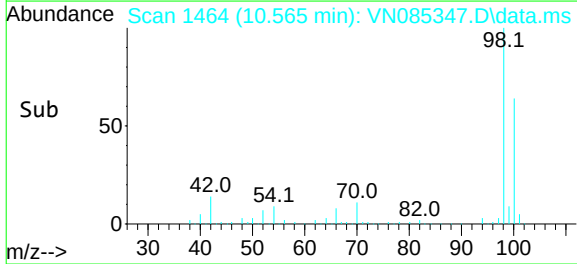
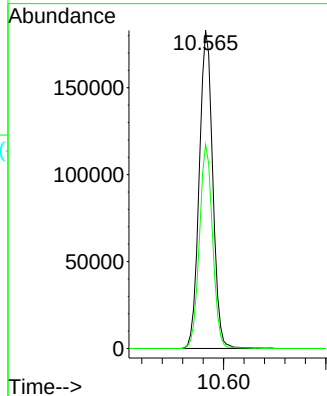
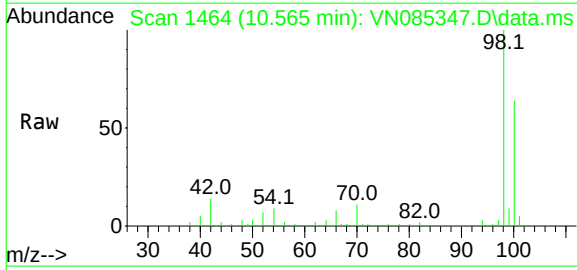
STORAGE-BLANK-SOIL-REF-4

Tgt Ion: 98 Resp: 334271

Ion Ratio Lower Upper

98 100

100 62.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.993 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085347.D

Acq: 30 Dec 2024 16:02

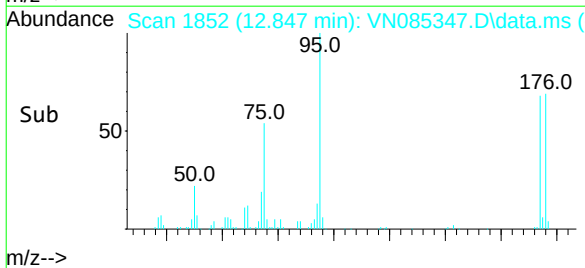
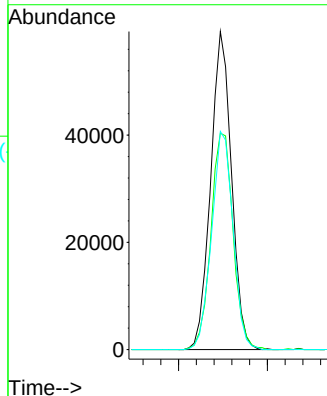
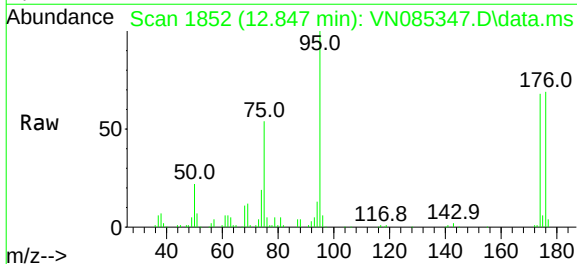
Tgt Ion: 95 Resp: 96715

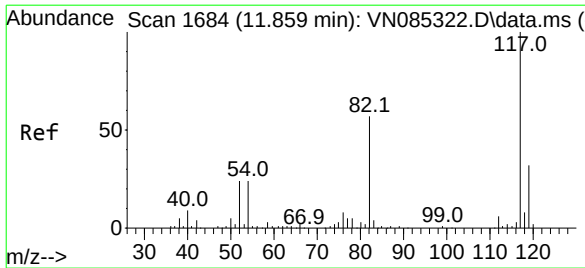
Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.2

176 70.4 0.0 135.8

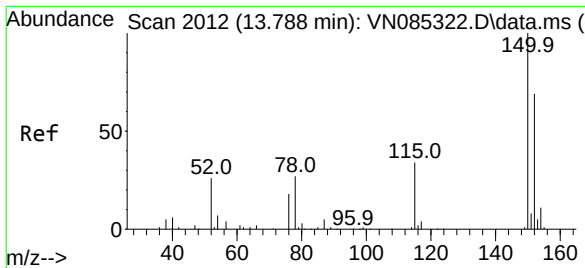
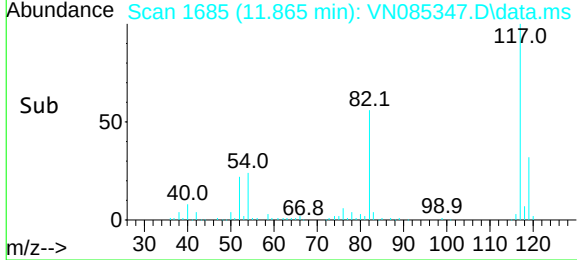
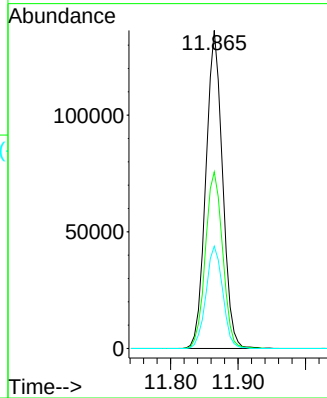
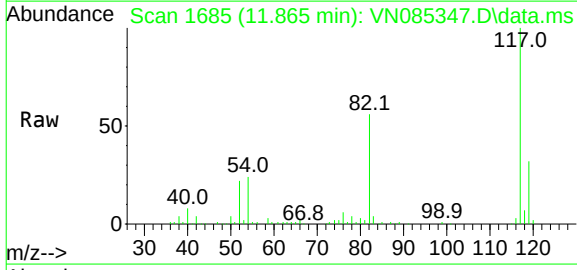




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085347.D
Acq: 30 Dec 2024 16:02

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

Tgt Ion:	117	Resp:	233922
Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.7	68.5
119	32.2	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: VN085347.D
Acq: 30 Dec 2024 16:02

Tgt Ion:	152	Resp:	86818
Ion	Ratio	Lower	Upper
152	100		
115	62.1	30.4	91.3
150	161.3	0.0	345.0

