

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085346.D
 Acq On : 30 Dec 2024 15:38
 Operator : JC\MD
 Sample : P5369-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Dec 31 02:15:08 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	139007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118040	59.537	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	119.080%	
35) Dibromofluoromethane	8.165	113	91264	55.263	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	110.520%	
50) Toluene-d8	10.565	98	318294	52.523	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	105.040%	
62) 4-Bromofluorobenzene	12.847	95	94061	46.736	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.480%	

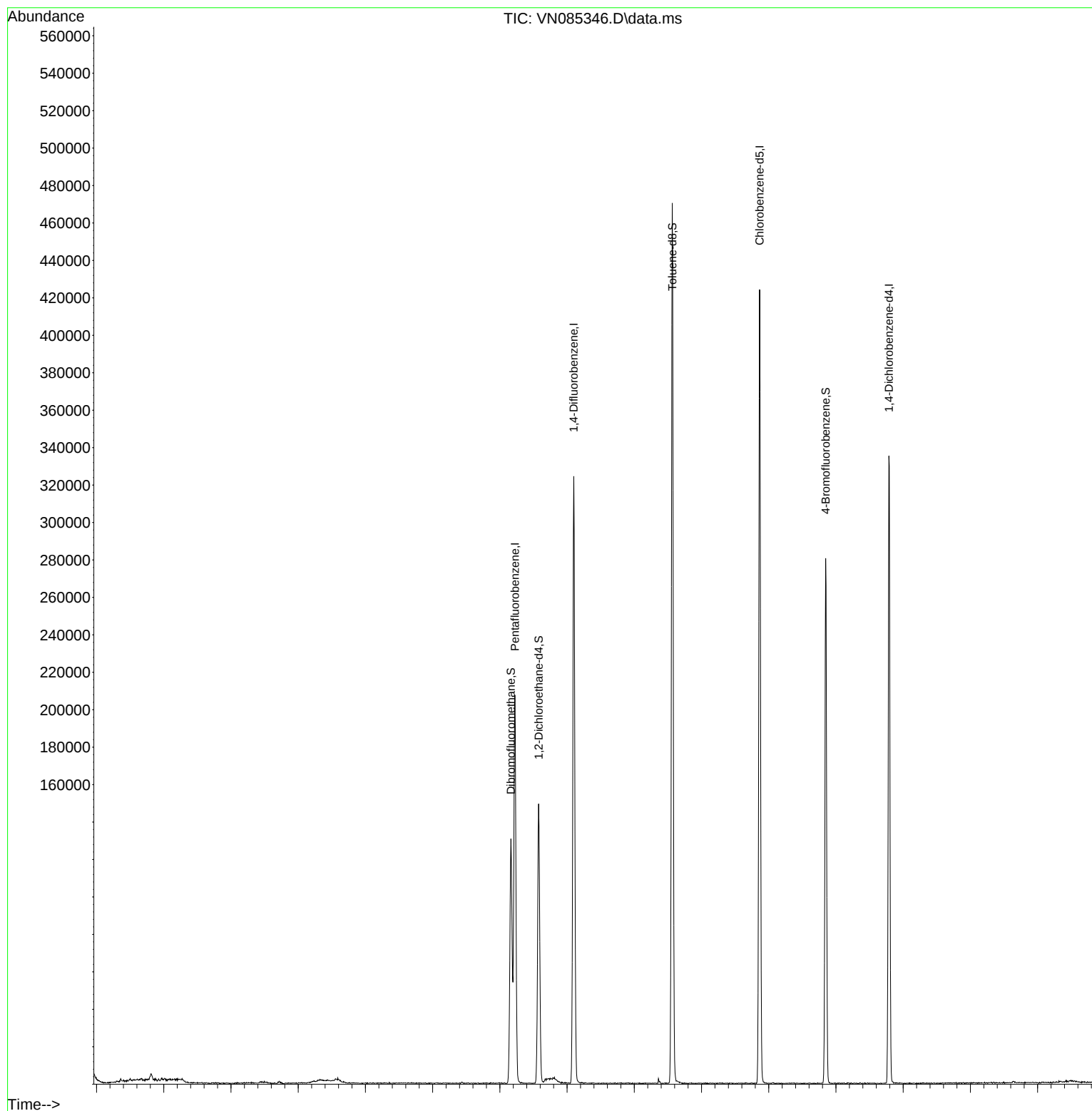
Target Compounds Qvalue

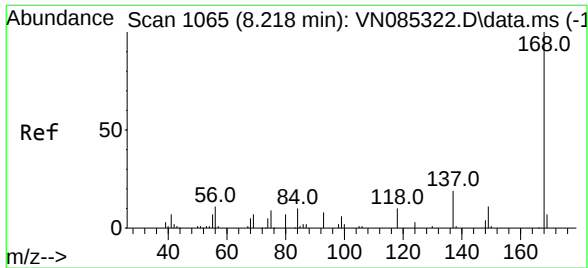
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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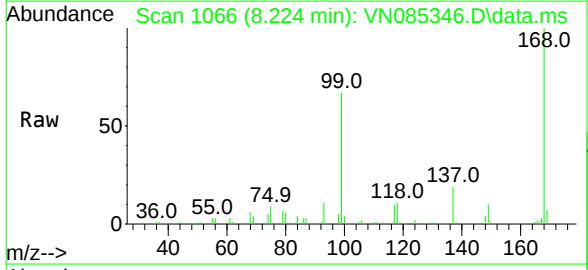
Quant Time: Dec 31 02:15:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
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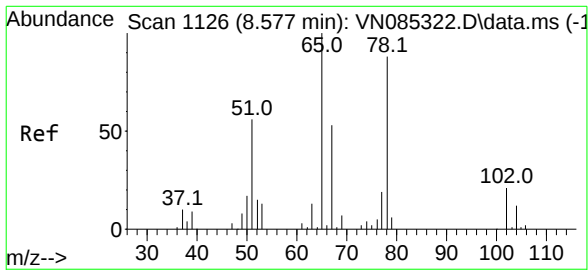
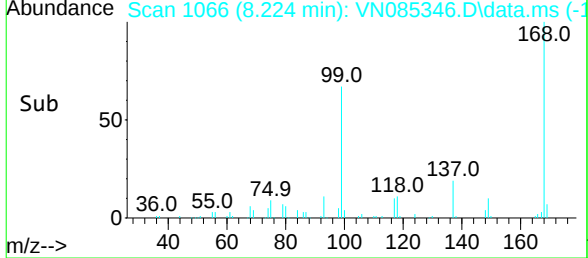
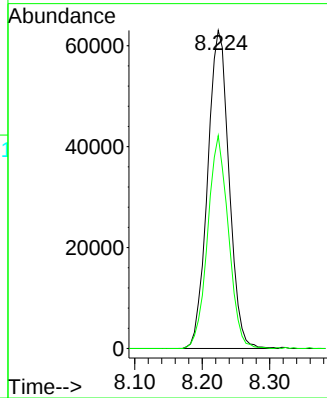


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

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

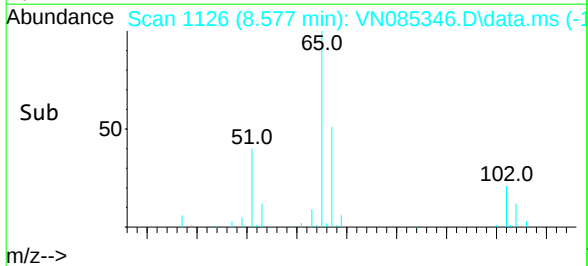
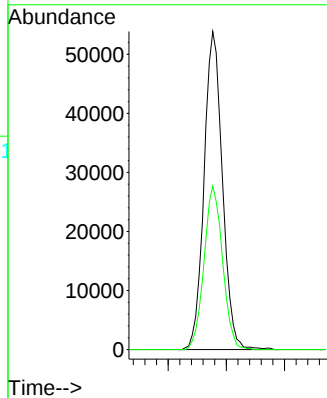
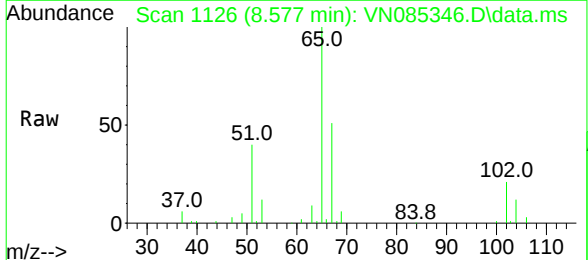


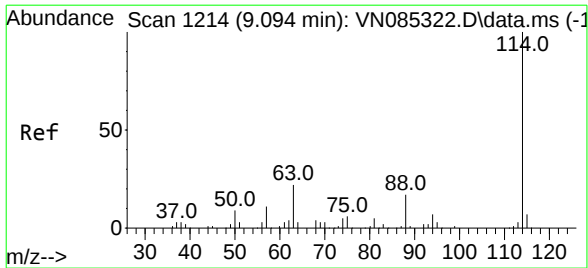
Tgt Ion:168 Resp: 139007
Ion Ratio Lower Upper
168 100
99 66.9 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 59.537 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

Tgt Ion: 65 Resp: 118040
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0

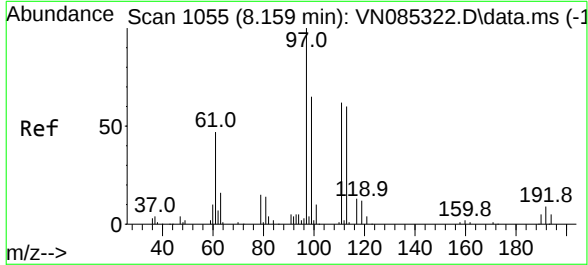
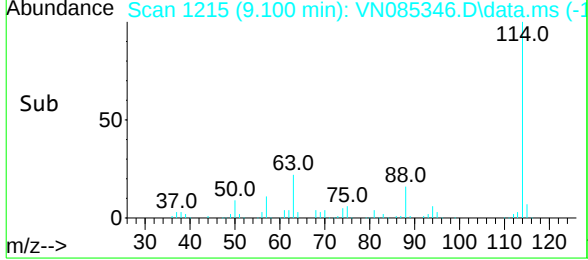
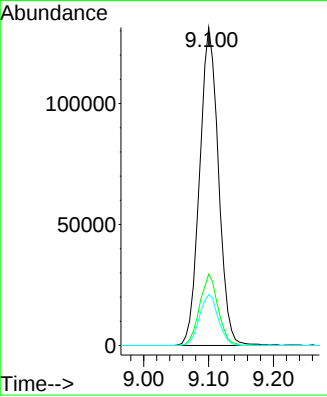
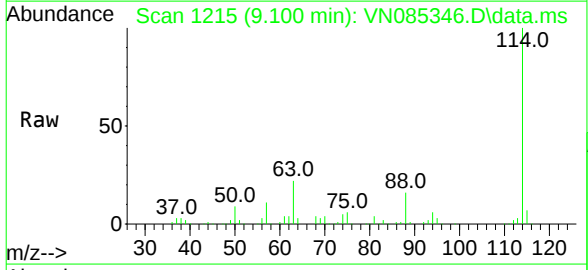




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085346.D
 Acq: 30 Dec 2024 15:38

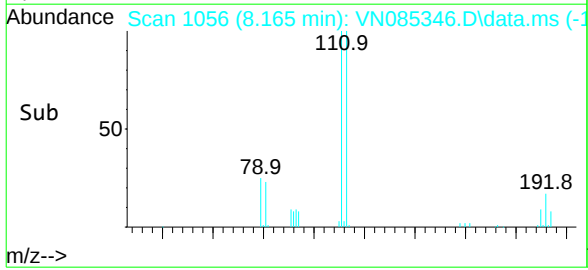
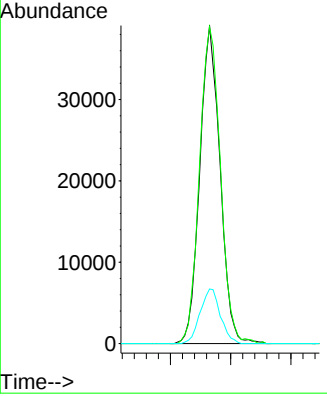
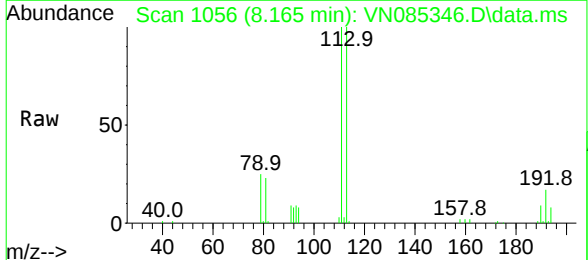
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

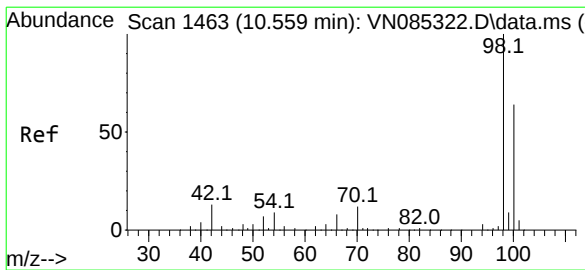
Tgt Ion:	114	Resp:	264717
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.4
88	16.0	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 55.263 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085346.D
 Acq: 30 Dec 2024 15:38

Tgt Ion:	113	Resp:	91264
Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.5	120.7
192	17.1	12.9	19.3





#50

Toluene-d8

Concen: 52.523 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN085346.D

Acq: 30 Dec 2024 15:38

Instrument :

MSVOA_N

ClientSampleId :

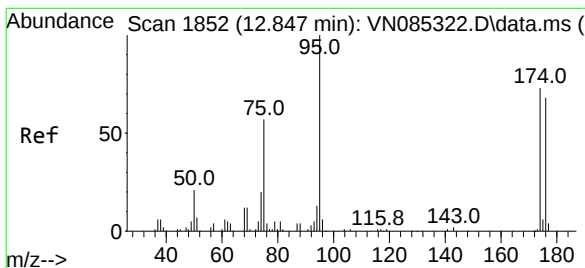
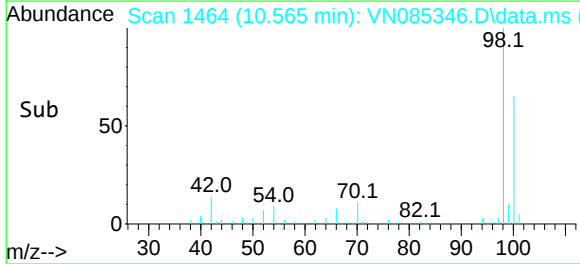
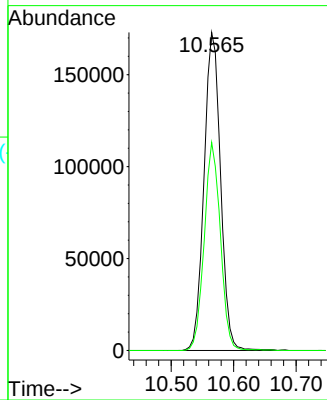
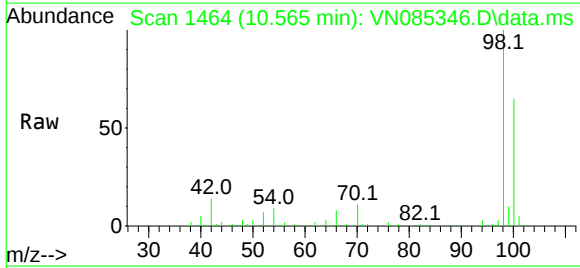
STORAGE-BLANK-SOIL-REF-5

Tgt Ion: 98 Resp: 318294

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.736 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085346.D

Acq: 30 Dec 2024 15:38

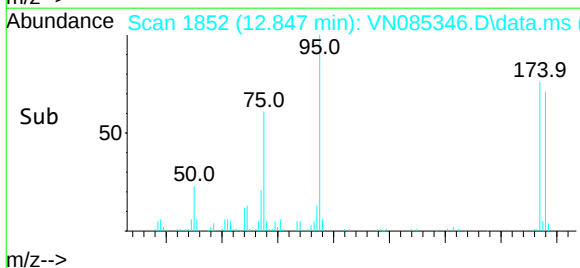
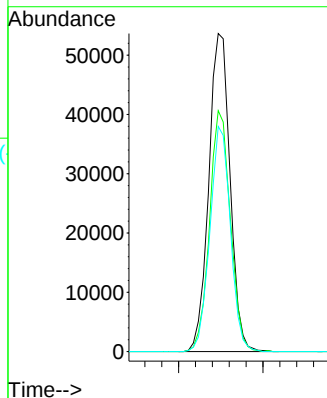
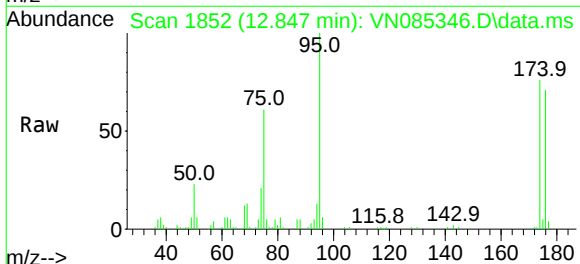
Tgt Ion: 95 Resp: 94061

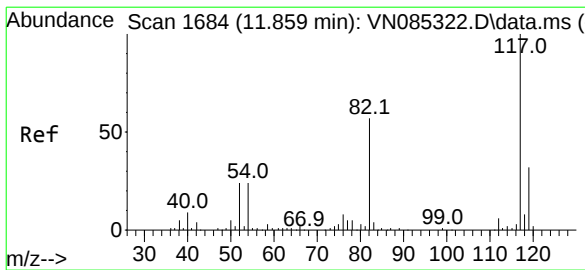
Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.2

176 68.0 0.0 135.8

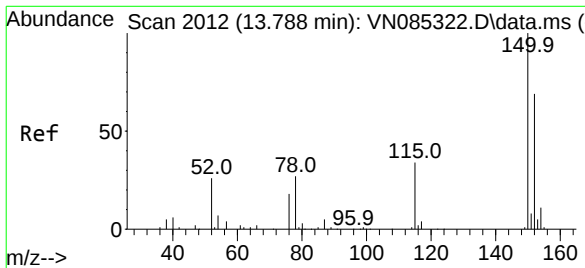
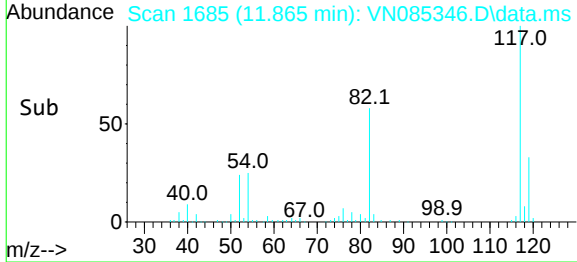
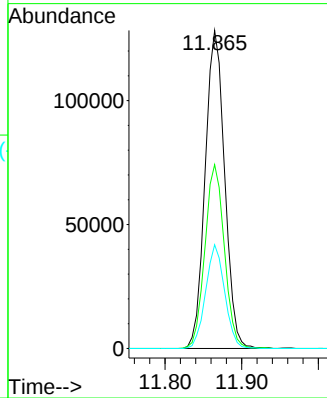
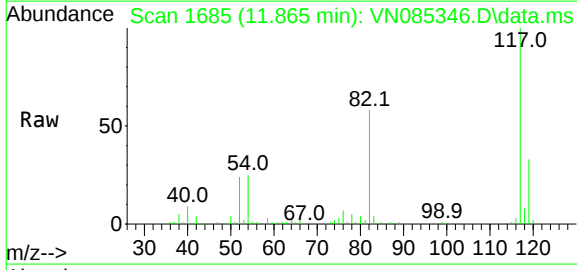




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 226400
Ion Ratio Lower Upper
117 100
82 57.8 45.7 68.5
119 32.6 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: VN085346.D
Acq: 30 Dec 2024 15:38

Tgt Ion:152 Resp: 86105
Ion Ratio Lower Upper
152 100
115 64.0 30.4 91.3
150 159.8 0.0 345.0

