

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085351.D
 Acq On : 30 Dec 2024 17:38
 Operator : JC\MD
 Sample : P5394-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 31 02:16:59 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	140558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	83929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119079	59.398	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.800%	
35) Dibromofluoromethane	8.165	113	93288	55.880	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	111.760%	
50) Toluene-d8	10.565	98	326964	53.372	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.740%	
62) 4-Bromofluorobenzene	12.847	95	92211	45.323	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	90.640%	

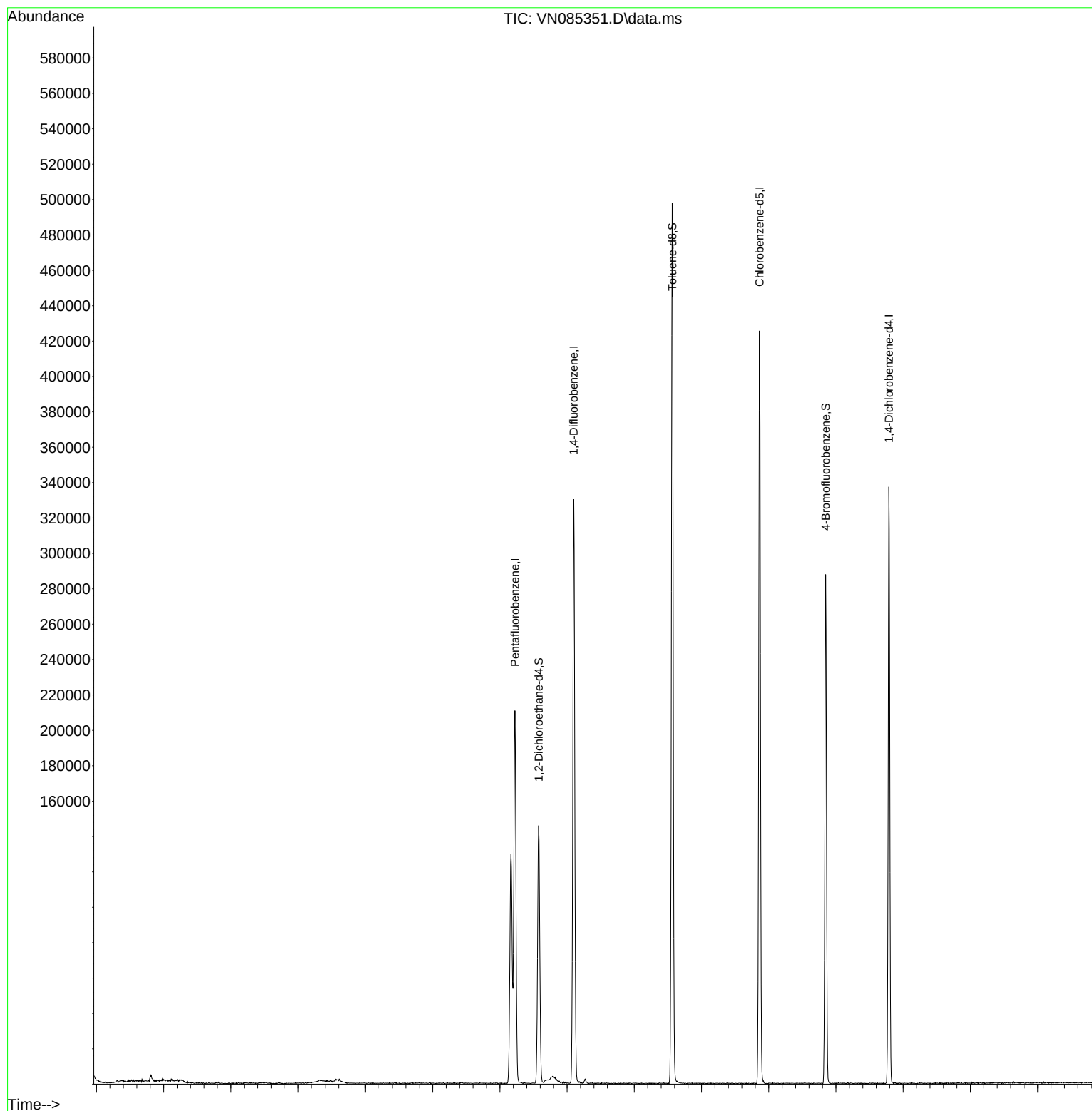
Target Compounds Qvalue

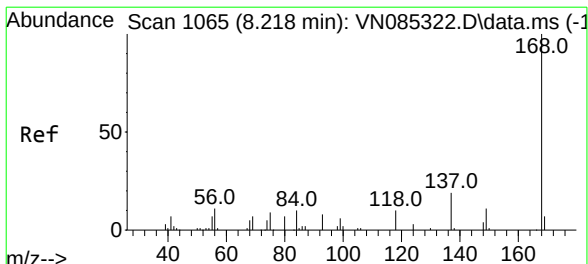
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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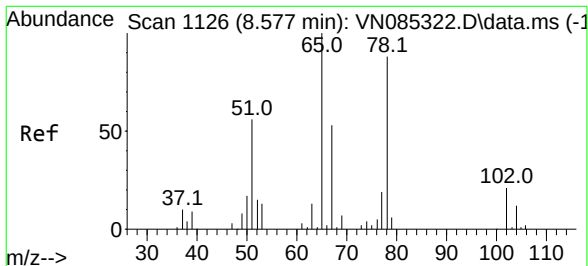
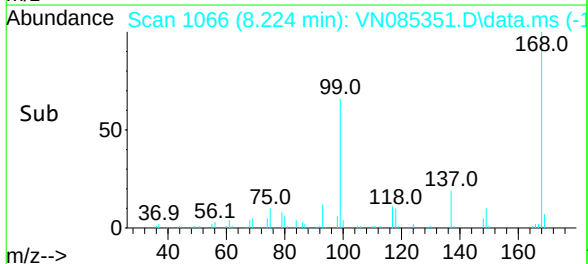
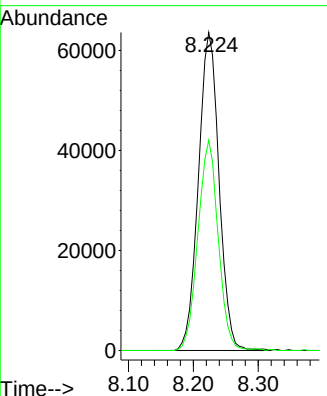
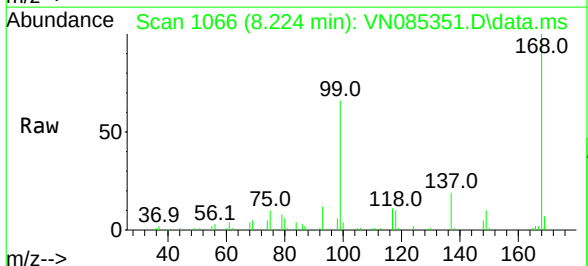




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085351.D
 Acq: 30 Dec 2024 17:38

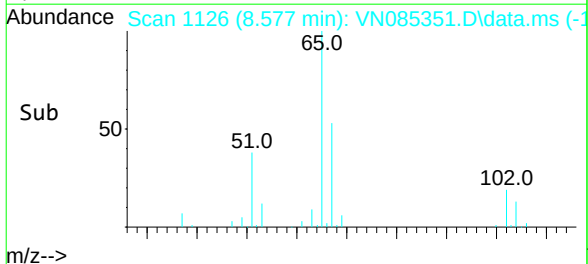
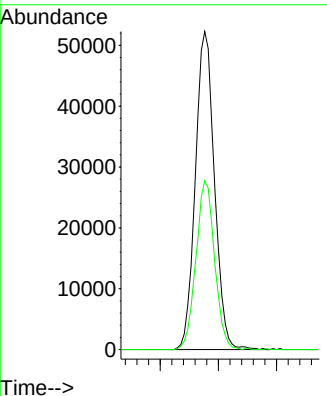
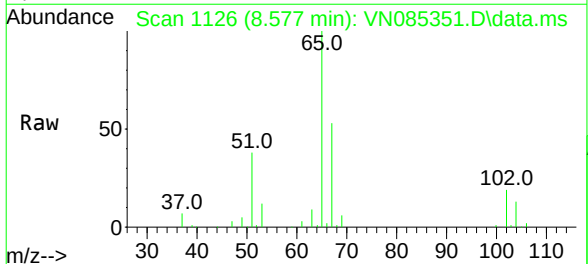
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

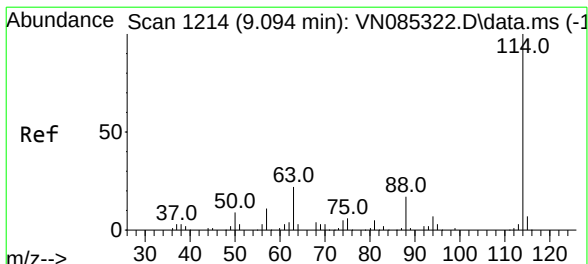
Tgt Ion:	168	Resp:	140558
Ion Ratio	Lower	Upper	
168	100		
99	66.1	51.0	76.4



#33
 1,2-Dichloroethane-d4
 Concen: 59.398 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085351.D
 Acq: 30 Dec 2024 17:38

Tgt Ion:	65	Resp:	119079
Ion Ratio	Lower	Upper	
65	100		
67	51.9	0.0	104.0

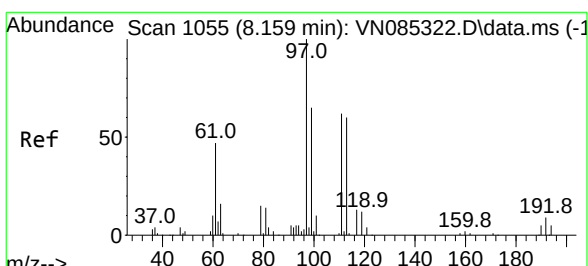
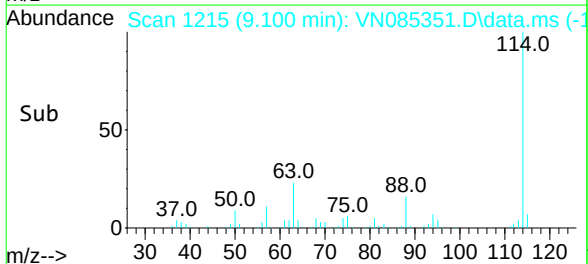
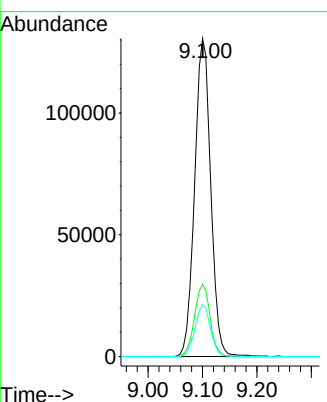
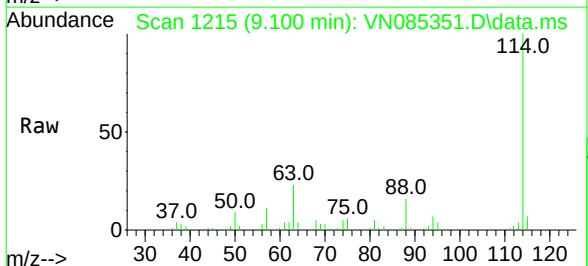




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085351.D
 Acq: 30 Dec 2024 17:38

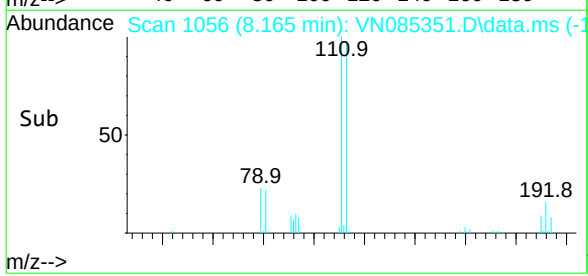
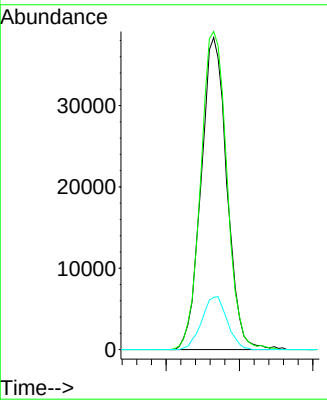
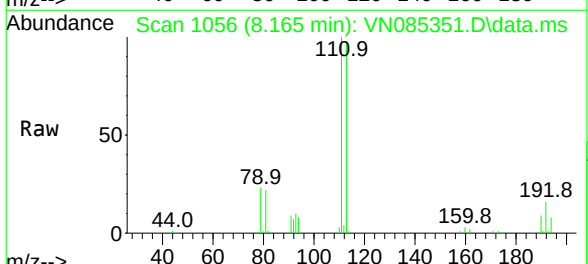
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SOIL-REF-4

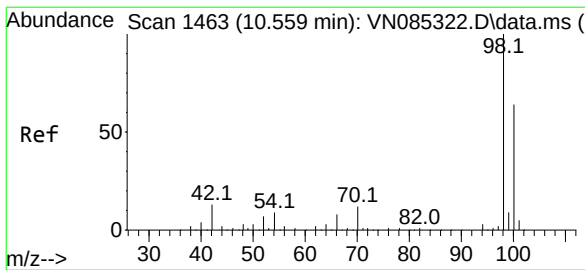
Tgt Ion:	114	Resp:	267601
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.4
88	16.3	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 55.880 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085351.D
 Acq: 30 Dec 2024 17:38

Tgt Ion:	113	Resp:	93288
Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.5	120.7
192	16.8	12.9	19.3





#50

Toluene-d8

Concen: 53.372 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085351.D

Acq: 30 Dec 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

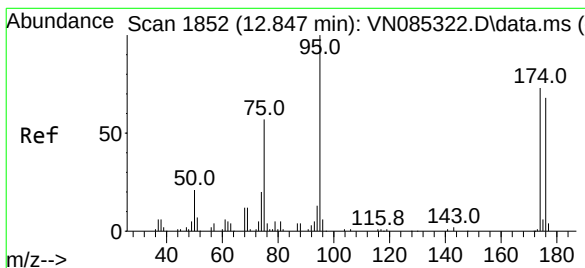
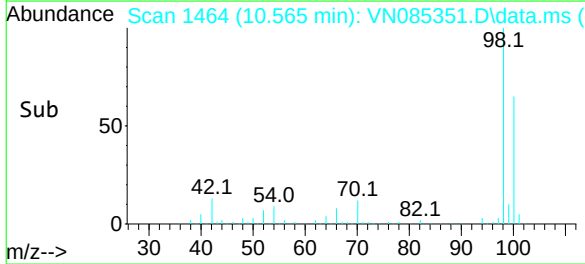
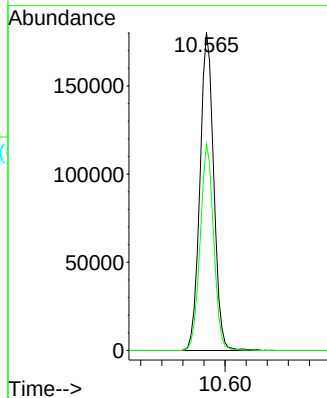
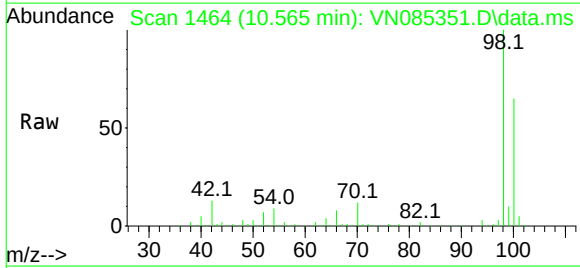
STORAGE-BLANK-SOIL-REF-4

Tgt Ion: 98 Resp: 326964

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.323 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085351.D

Acq: 30 Dec 2024 17:38

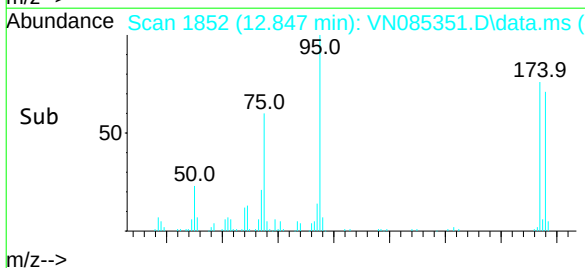
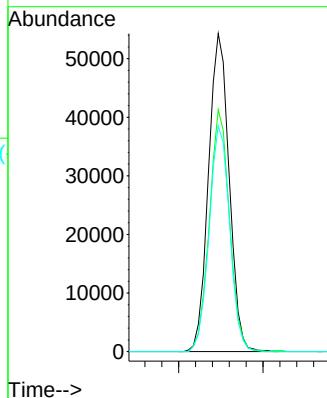
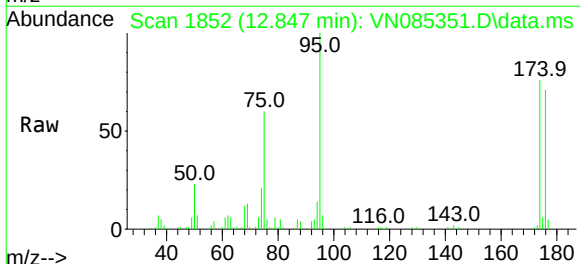
Tgt Ion: 95 Resp: 92211

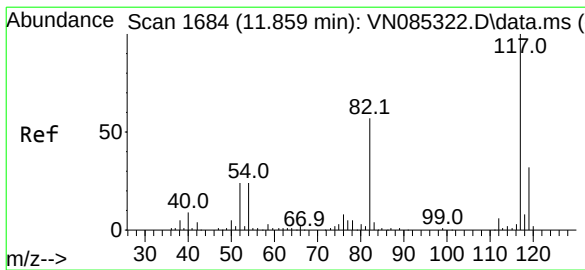
Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.2

176 70.3 0.0 135.8

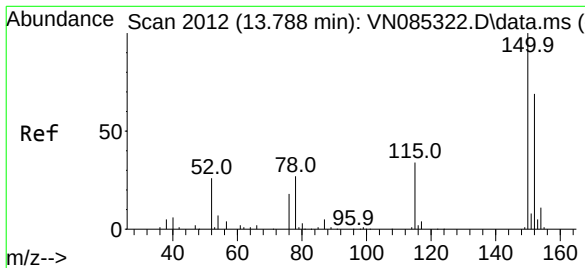
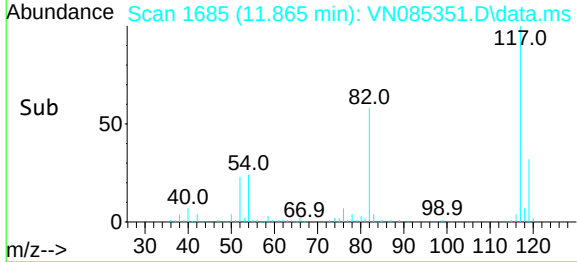
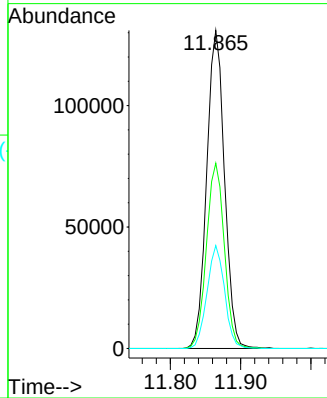
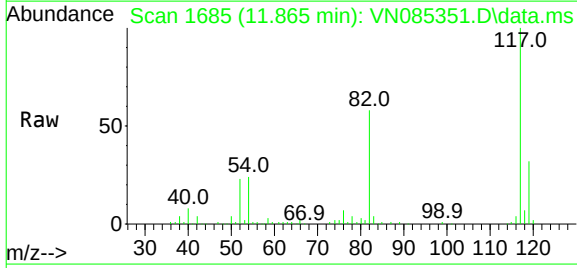




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

Instrument :
MSVOA_N
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Tgt Ion:	117	Resp:	230526
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.7	68.5
119	32.4	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: VN085351.D
Acq: 30 Dec 2024 17:38

Tgt Ion:	152	Resp:	83929
Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.4	91.3
150	160.0	0.0	345.0

