

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084742.D
 Acq On : 08 Nov 2024 12:07
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 22:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	157413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106157	46.692	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.380%
35) Dibromofluoromethane	8.165	113	86458	48.581	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	10.565	98	299014	45.612	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.847	95	109849	44.835	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.680%

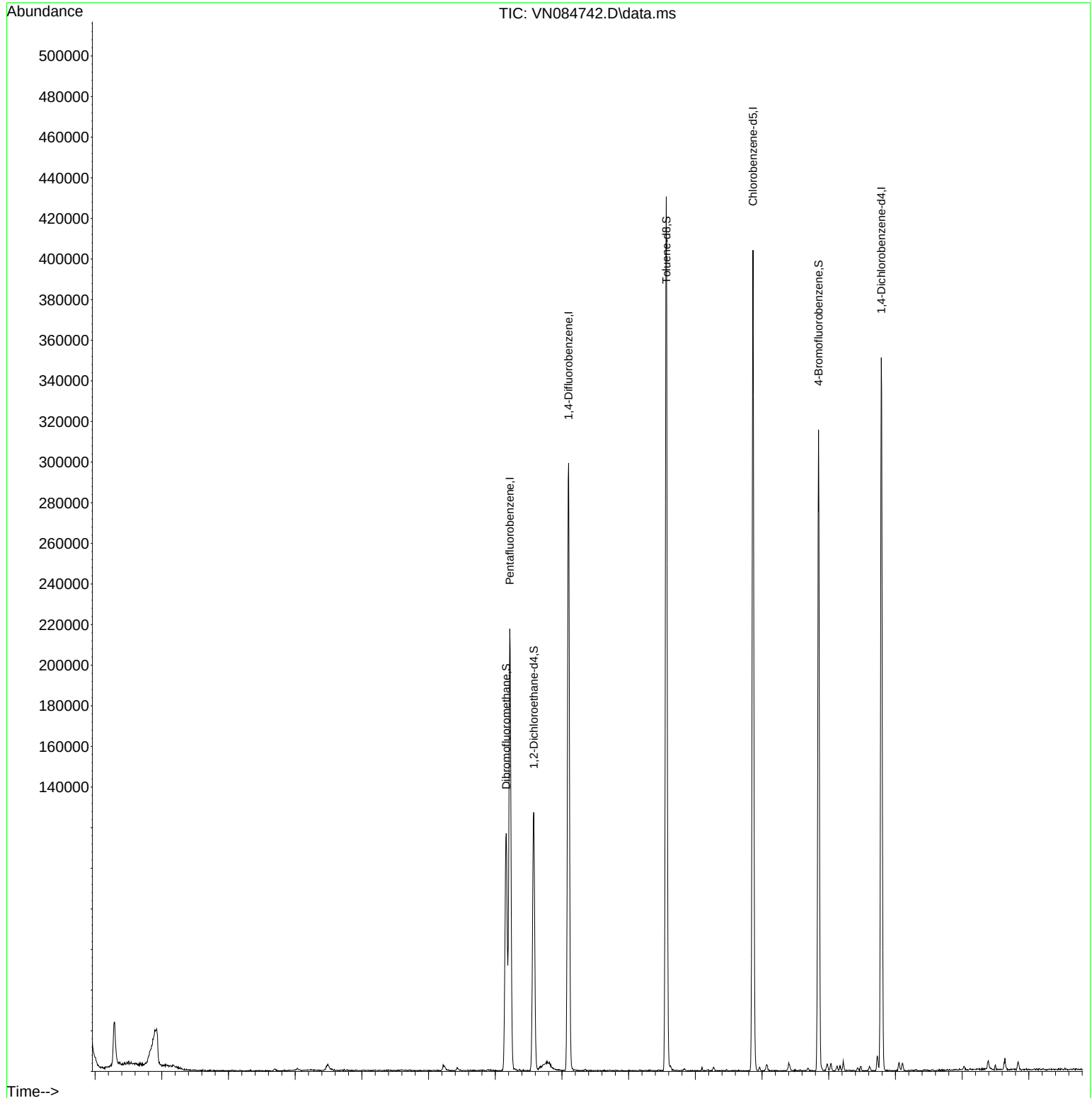
Target Compounds Qvalue

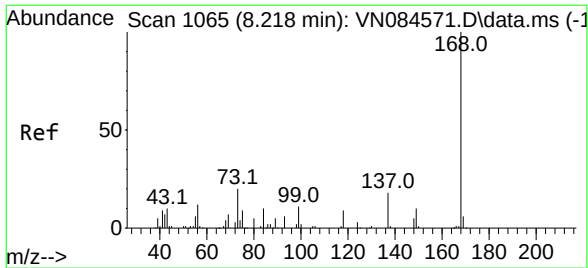
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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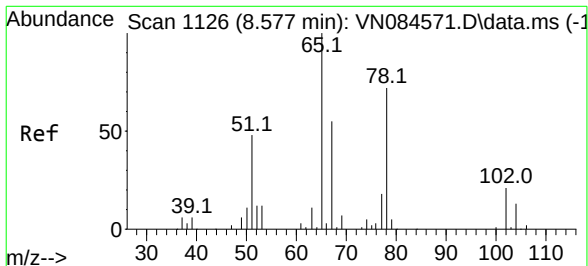
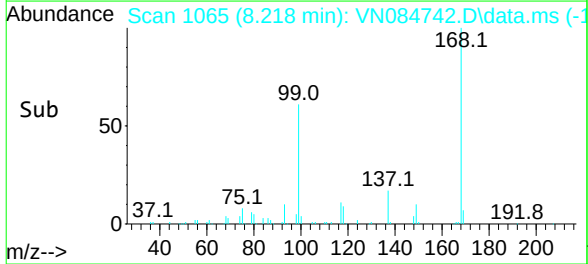
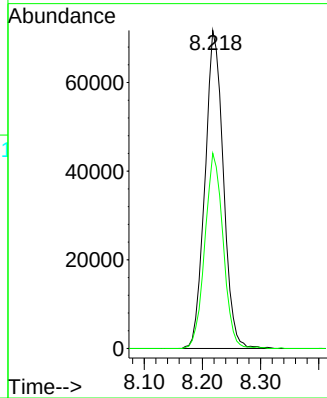
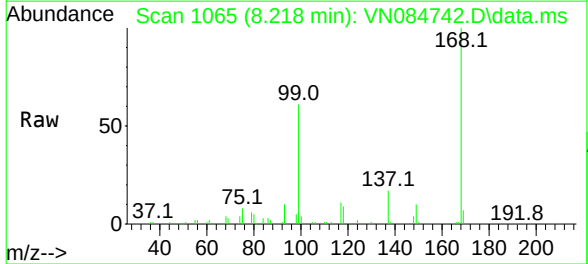




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084742.D
Acq: 08 Nov 2024 12:07

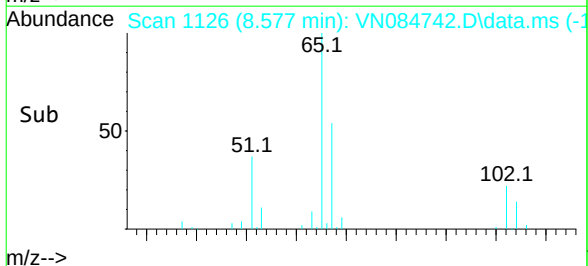
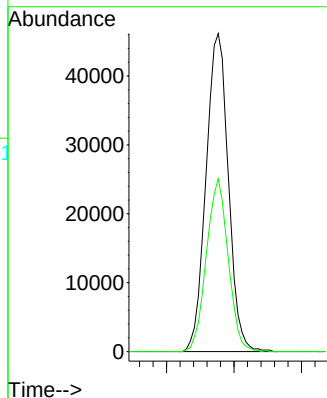
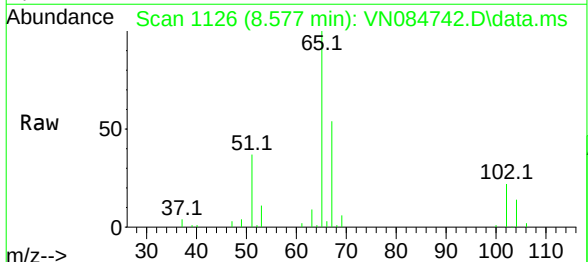
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

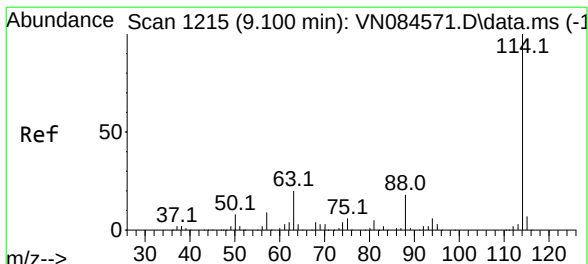
Tgt Ion:168 Resp: 157413
Ion Ratio Lower Upper
168 100
99 61.4 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 46.692 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084742.D
Acq: 08 Nov 2024 12:07

Tgt Ion: 65 Resp: 106157
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.0

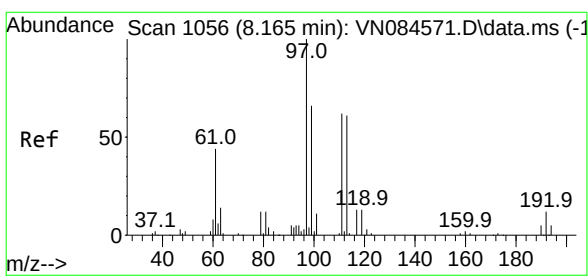
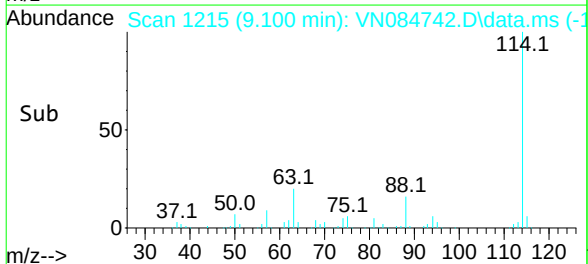
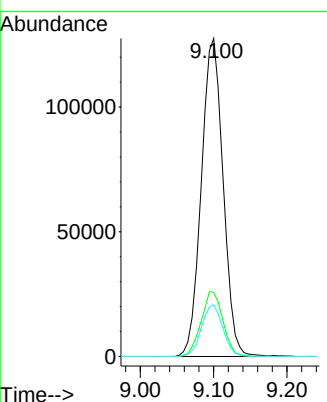
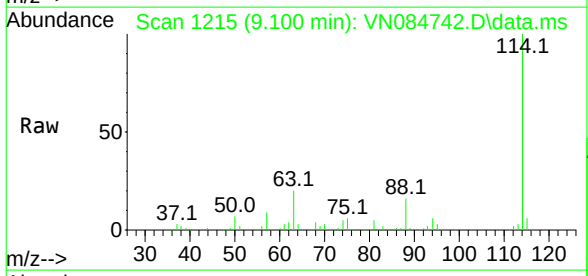




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084742.D
 Acq: 08 Nov 2024 12:07

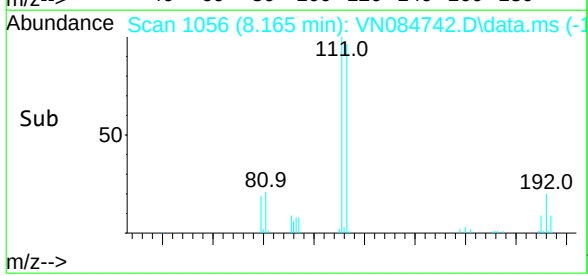
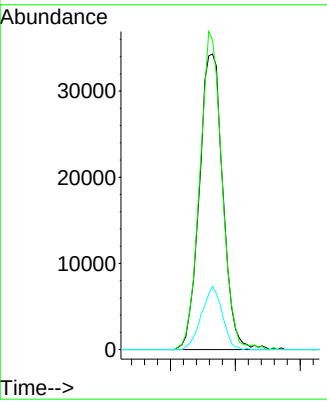
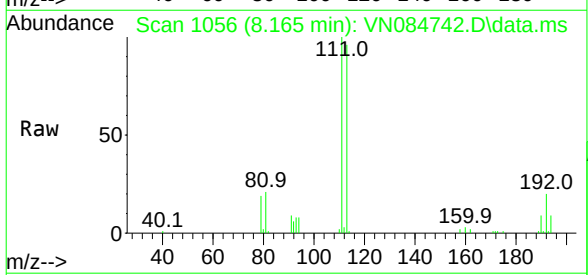
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

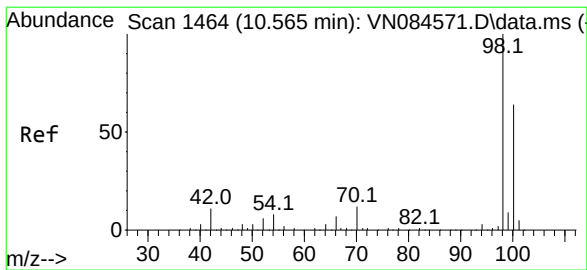
Tgt Ion:	114	Resp:	262920
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	43.8
88	16.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.581 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084742.D
 Acq: 08 Nov 2024 12:07

Tgt Ion:	113	Resp:	86458
Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.3	124.9
192	18.9	13.5	20.3





#50

Toluene-d8

Concen: 45.612 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084742.D

Acq: 08 Nov 2024 12:07

Instrument :

MSVOA_N

ClientSampleId :

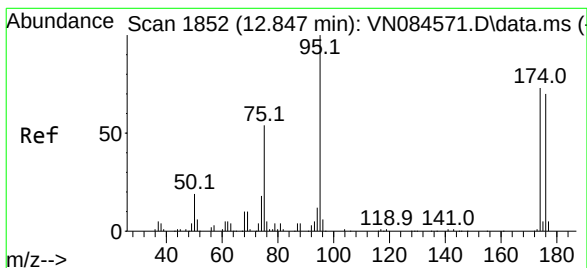
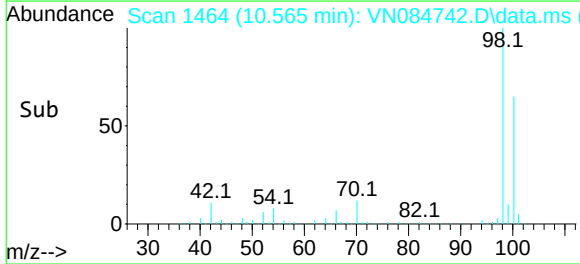
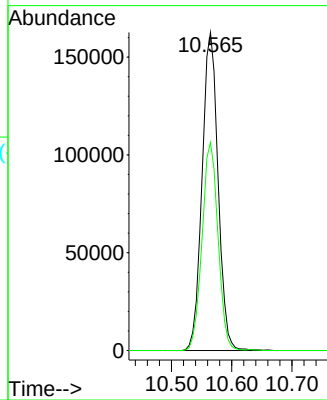
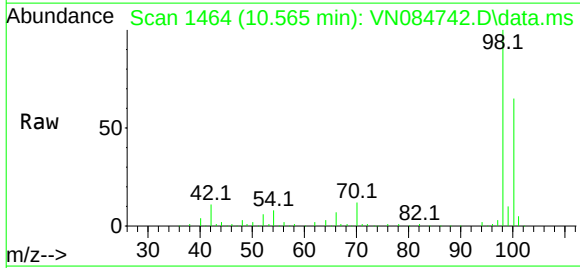
VIBLK

Tgt Ion: 98 Resp: 299014

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 44.835 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084742.D

Acq: 08 Nov 2024 12:07

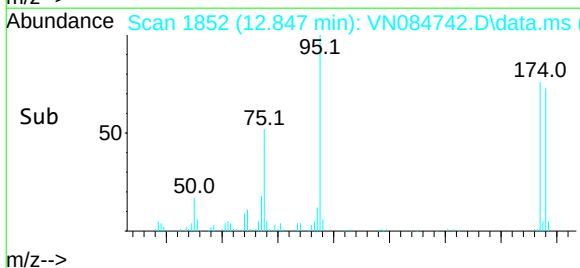
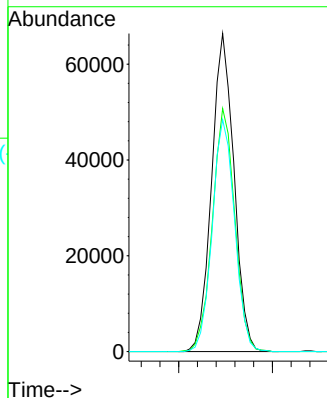
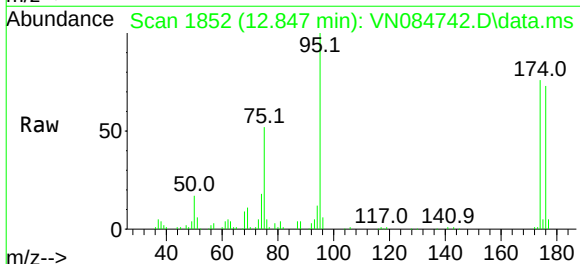
Tgt Ion: 95 Resp: 109849

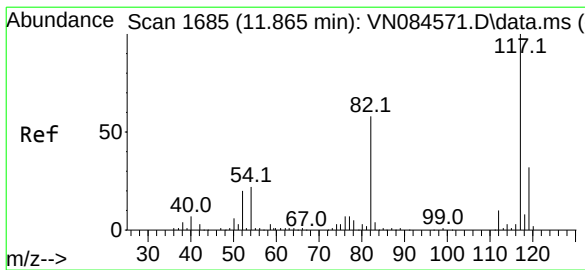
Ion Ratio Lower Upper

95 100

174 76.7 0.0 145.2

176 73.1 0.0 140.0

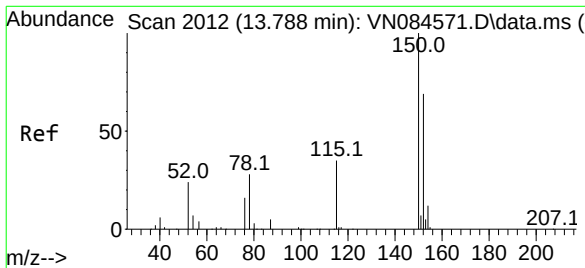
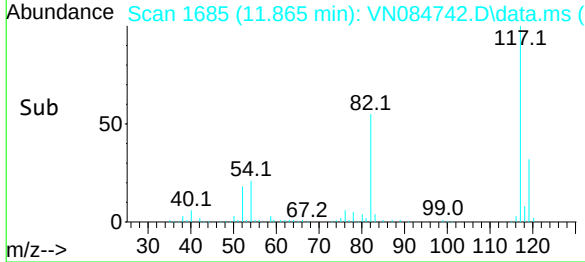
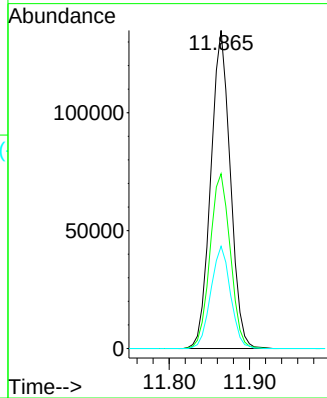
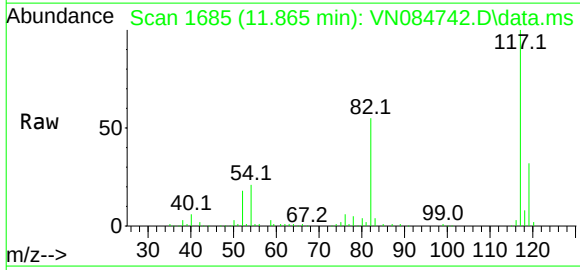




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084742.D
Acq: 08 Nov 2024 12:07

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 227937
Ion Ratio Lower Upper
117 100
82 54.9 47.2 70.8
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084742.D
Acq: 08 Nov 2024 12:07

Tgt Ion:152 Resp: 96372
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.9
150 159.5 0.0 349.8

