

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081997.D
 Acq On : 03 May 2024 17:24
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: May 06 01:58:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	161010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135081	49.709	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.420%
35) Dibromofluoromethane	8.165	113	101748	50.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	10.565	98	416645	52.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.847	95	134320	42.968	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	85.940%

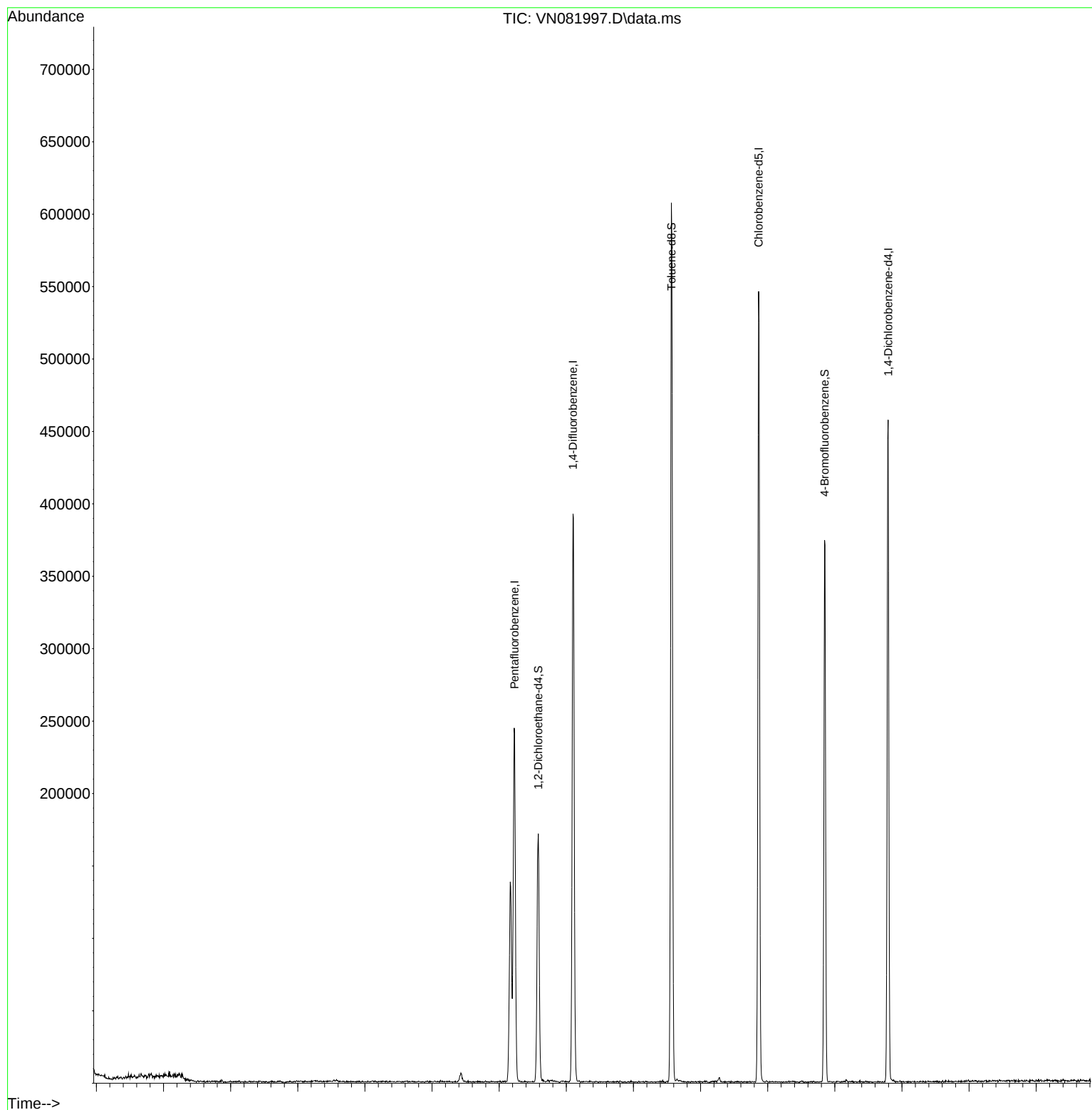
Target Compounds Qvalue

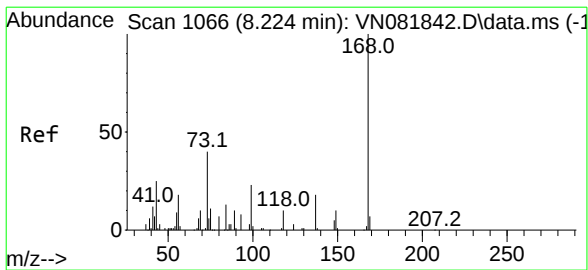
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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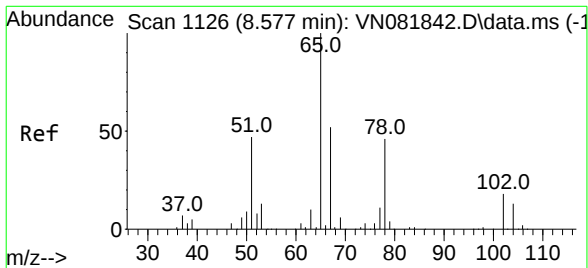
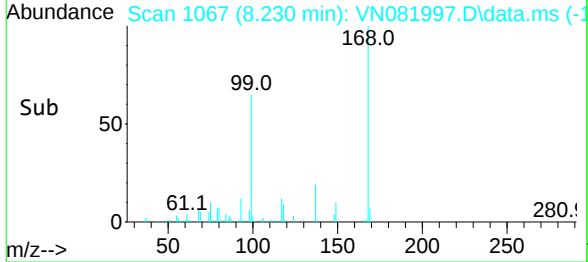
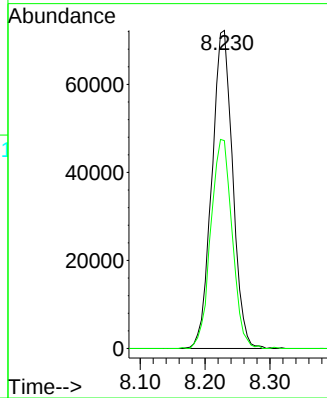
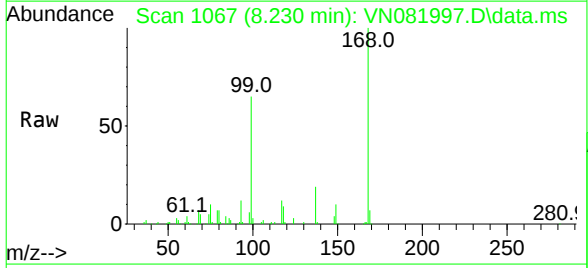




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. 0.006 min
 Lab File: VN081997.D
 Acq: 03 May 2024 17:24

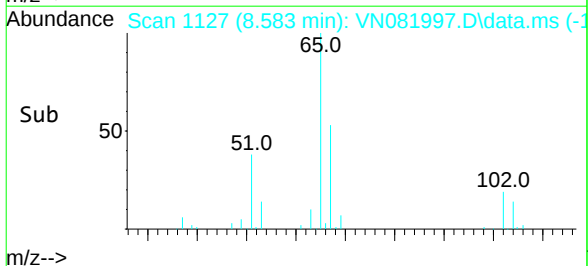
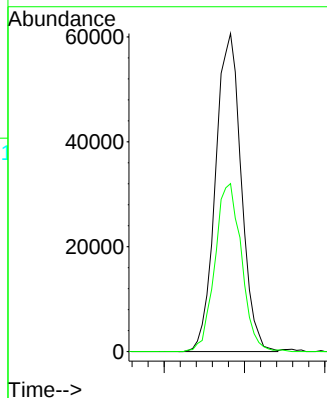
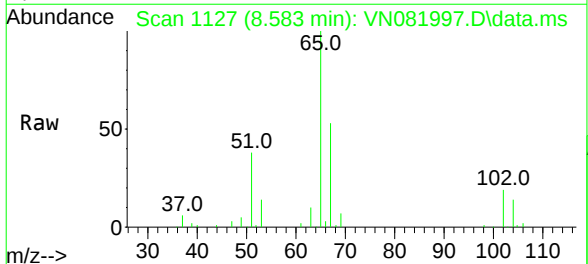
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

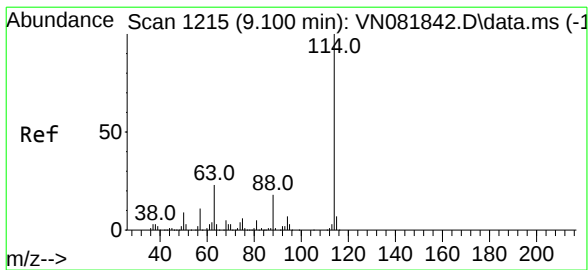
Tgt Ion:168 Resp: 161010
 Ion Ratio Lower Upper
 168 100
 99 65.3 48.2 72.4



#33
 1,2-Dichloroethane-d4
 Concen: 49.709 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN081997.D
 Acq: 03 May 2024 17:24

Tgt Ion: 65 Resp: 135081
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081997.D

Acq: 03 May 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

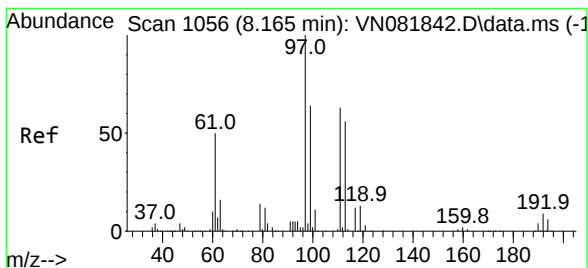
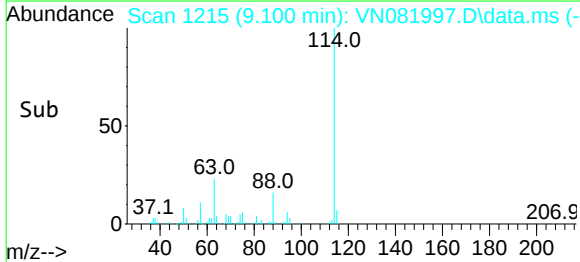
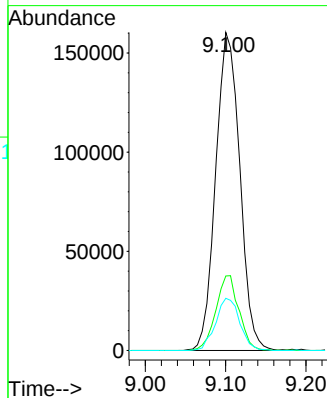
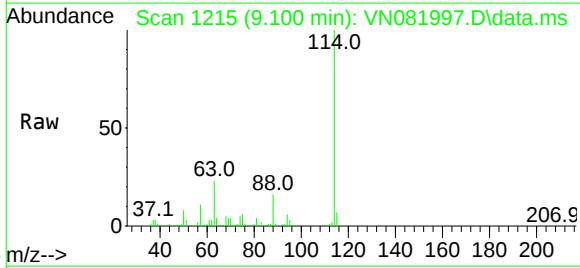
Tgt Ion:114 Resp: 334420

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.533 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081997.D

Acq: 03 May 2024 17:24

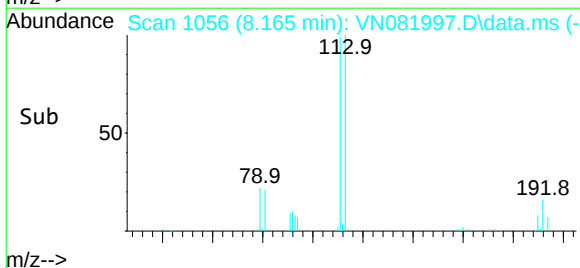
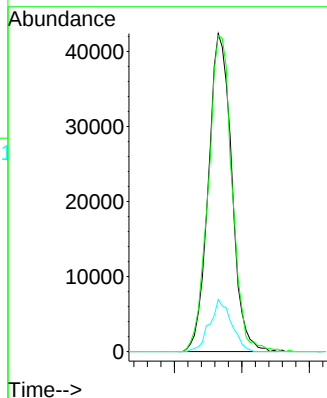
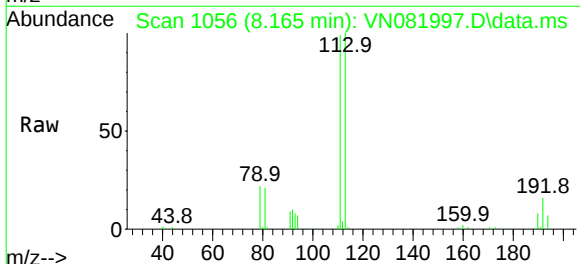
Tgt Ion:113 Resp: 101748

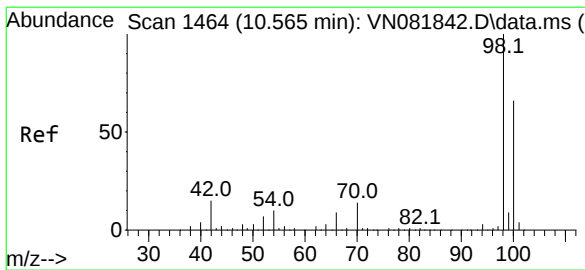
Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.2

192 15.4 14.0 21.0

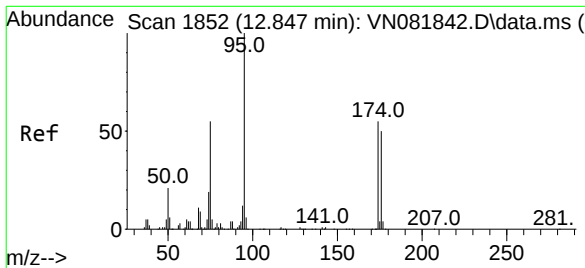
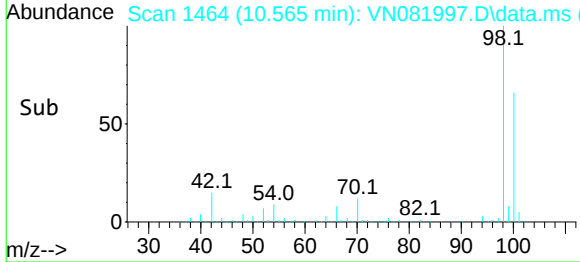
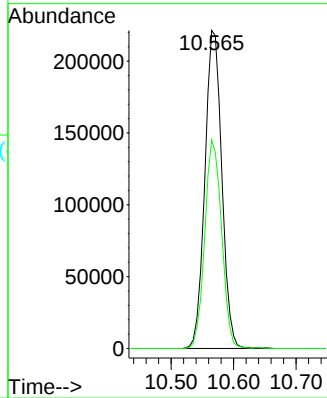
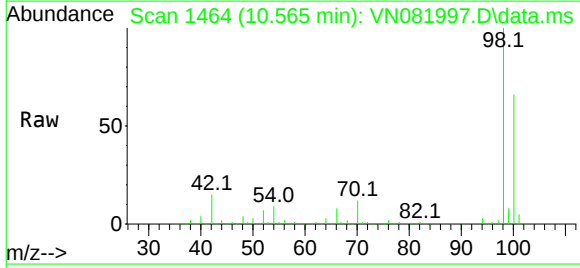




#50
Toluene-d8
Concen: 52.687 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

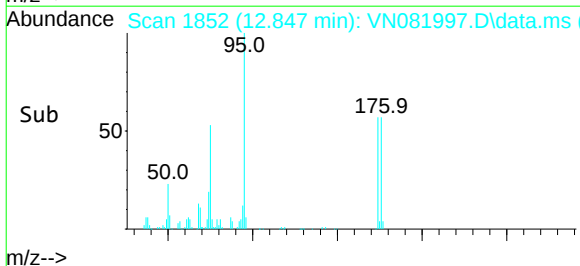
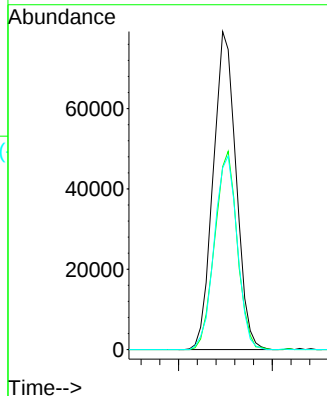
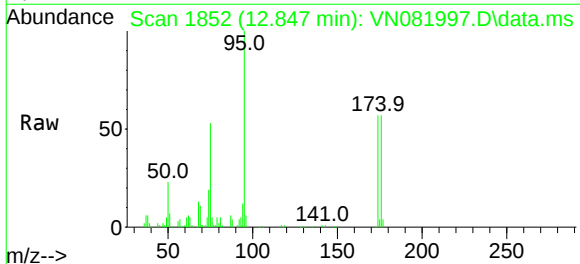
Instrument :
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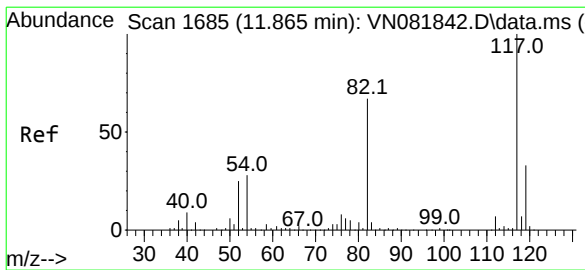
Tgt Ion: 98 Resp: 416645
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 42.968 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

Tgt Ion: 95 Resp: 134320
Ion Ratio Lower Upper
95 100
174 61.2 0.0 160.6
176 60.9 0.0 152.8

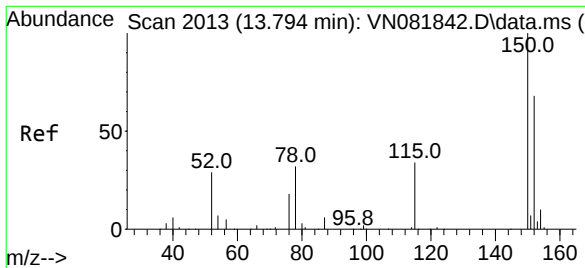
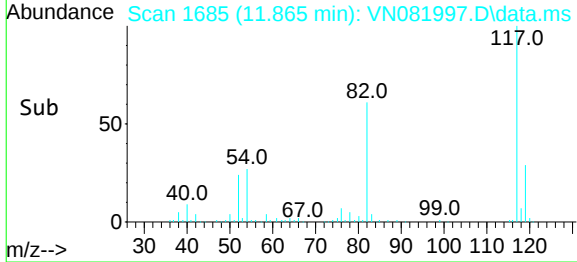
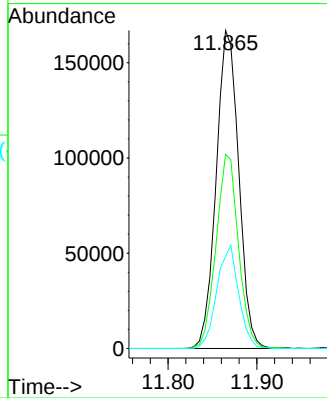
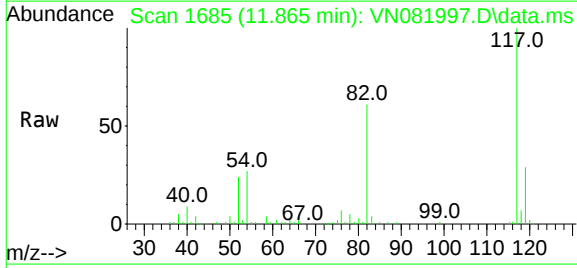




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 294933
Ion Ratio Lower Upper
117 100
82 61.0 44.6 66.8
119 28.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081997.D
Acq: 03 May 2024 17:24

Tgt Ion:152 Resp: 108727
Ion Ratio Lower Upper
152 100
115 70.5 30.4 91.3
150 161.7 0.0 353.2

