

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081985.D
 Acq On : 03 May 2024 12:12
 Operator : JC\MD
 Sample : VN0503WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBL01

Quant Time: May 06 01:52:41 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	8.224	168	191281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	381636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148421	45.975	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.940%
35) Dibromofluoromethane	8.165	113	111953	48.722	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	10.571	98	478575	53.031	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.847	95	160656	45.035	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.060%

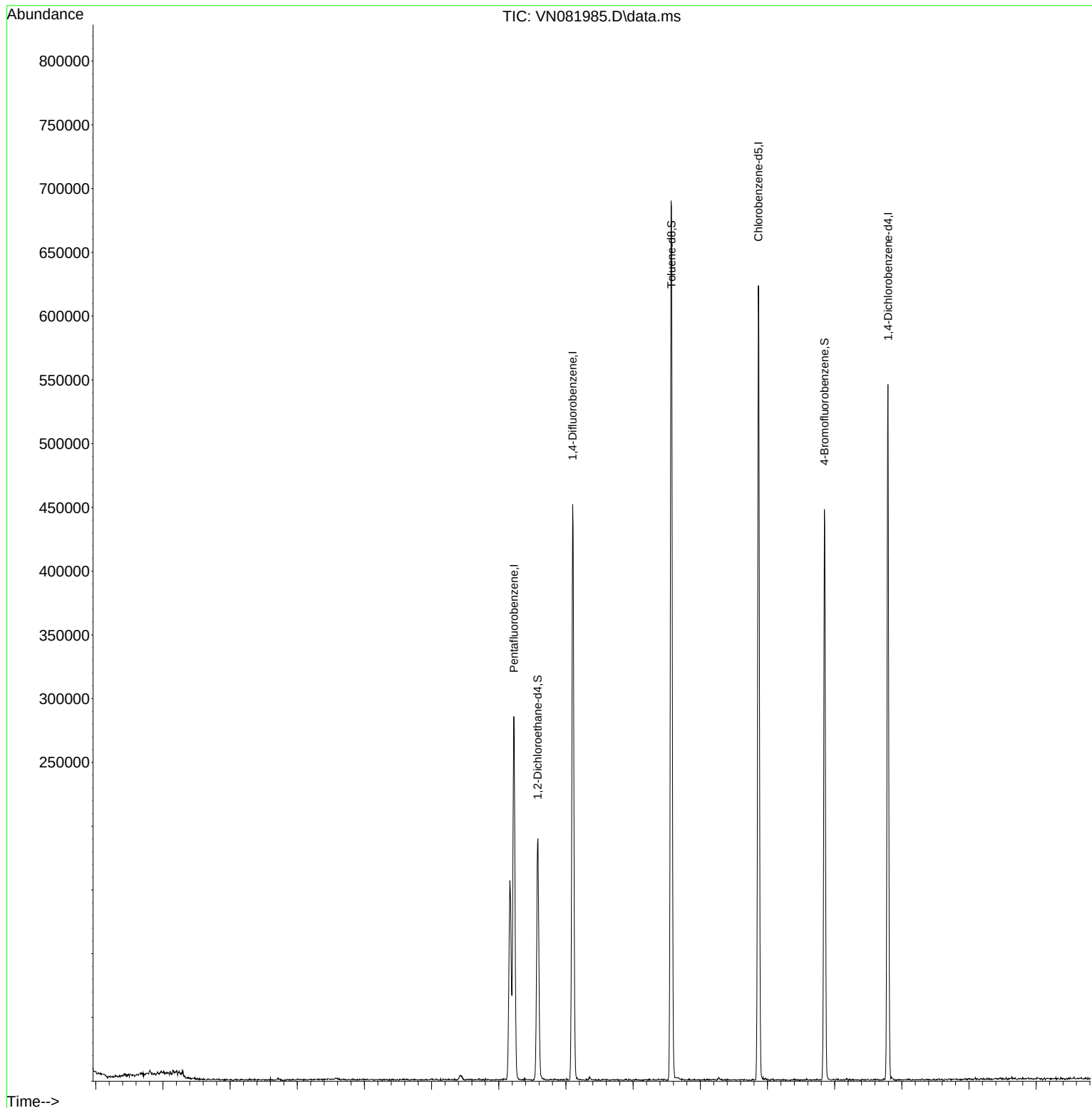
Target Compounds	Qvalue

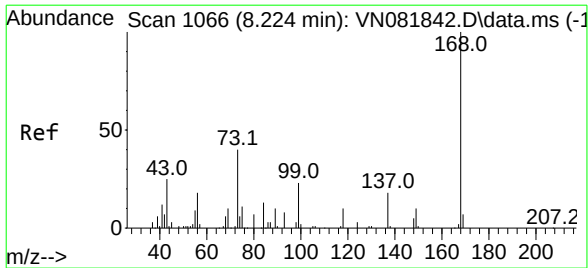
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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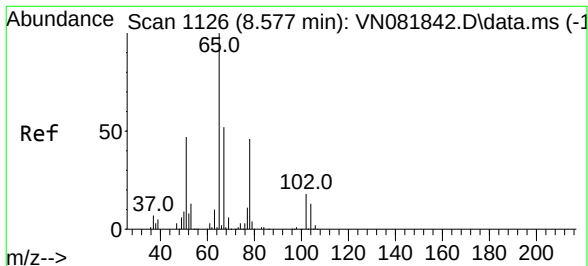
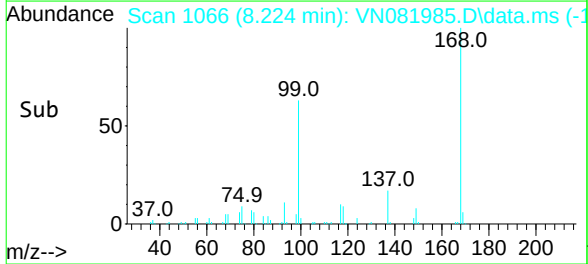
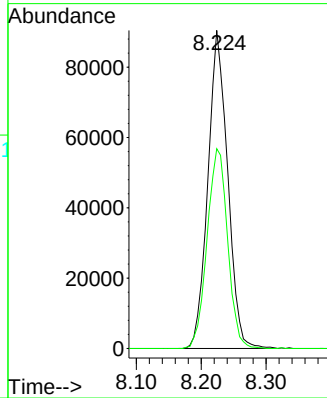
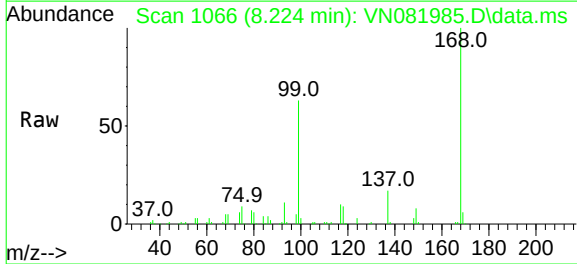




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081985.D
Acq: 03 May 2024 12:12

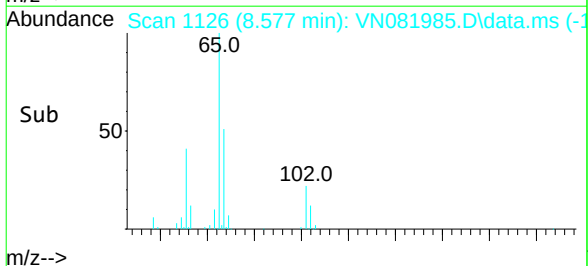
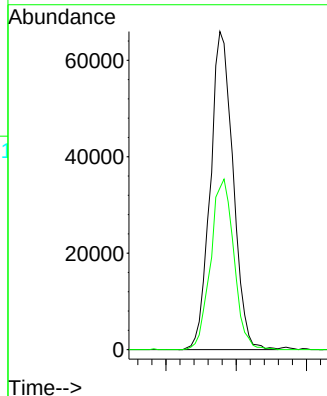
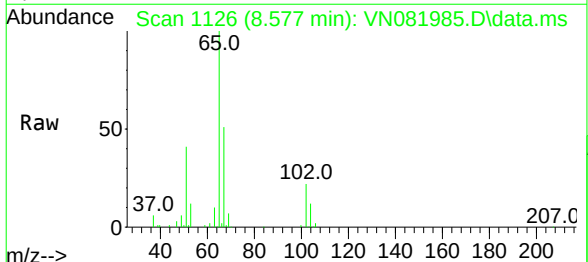
Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

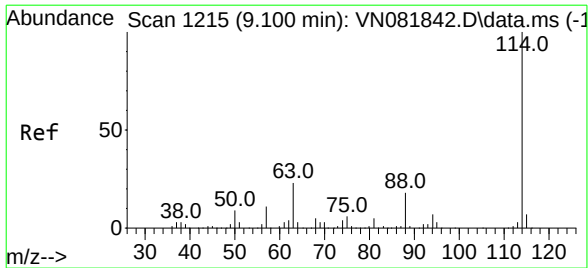
Tgt Ion:168 Resp: 191281
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 45.975 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081985.D
Acq: 03 May 2024 12:12

Tgt Ion: 65 Resp: 148421
Ion Ratio Lower Upper
65 100
67 54.7 0.0 103.0

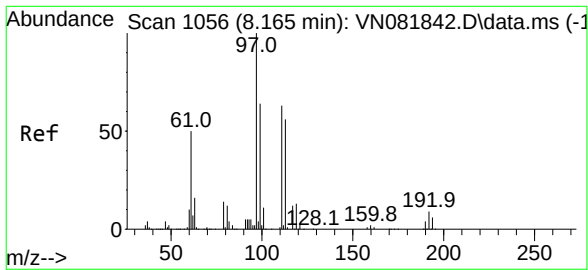
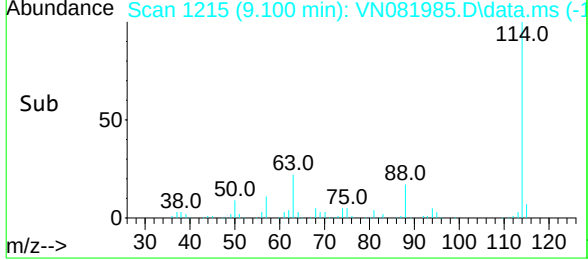
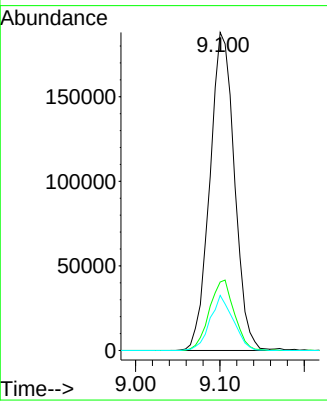
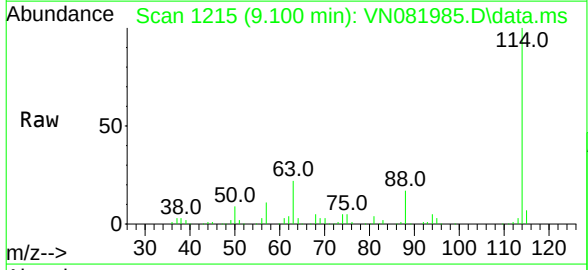




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN081985.D
 Acq: 03 May 2024 12:12

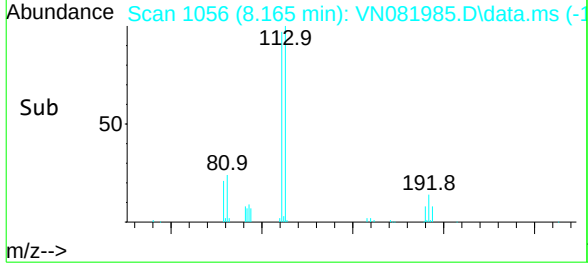
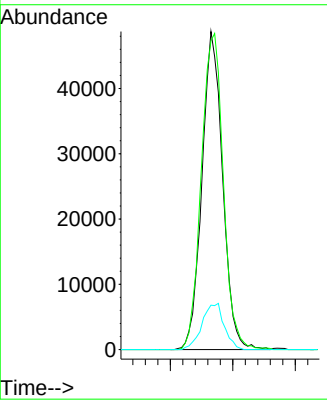
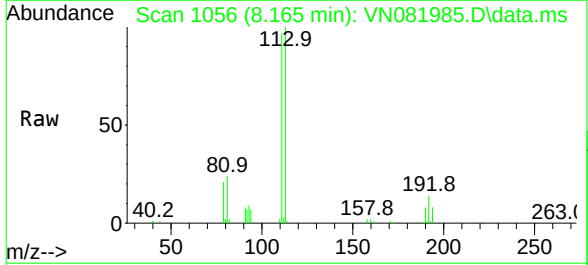
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0503WBL01

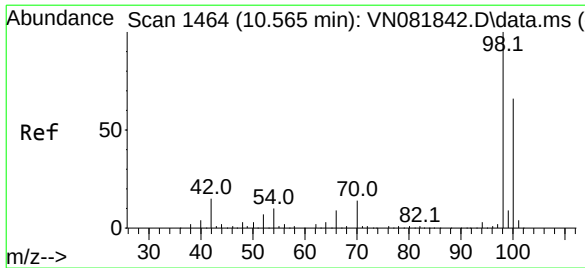
Tgt Ion:	114	Resp:	381636
Ion Ratio	Lower	Upper	
114	100		
63	21.5	0.0	41.0
88	17.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 48.722 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN081985.D
 Acq: 03 May 2024 12:12

Tgt Ion:	113	Resp:	111953
Ion Ratio	Lower	Upper	
113	100		
111	105.7	83.4	125.2
192	15.5	14.0	21.0





#50

Toluene-d8

Concen: 53.031 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN081985.D

Acq: 03 May 2024 12:12

Instrument :

MSVOA_N

ClientSampleId :

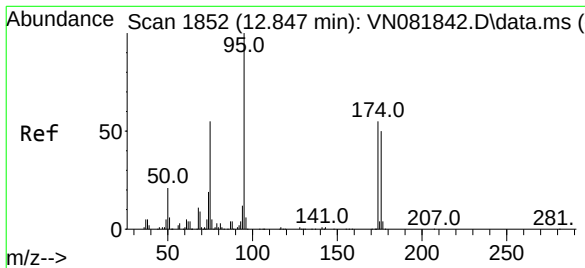
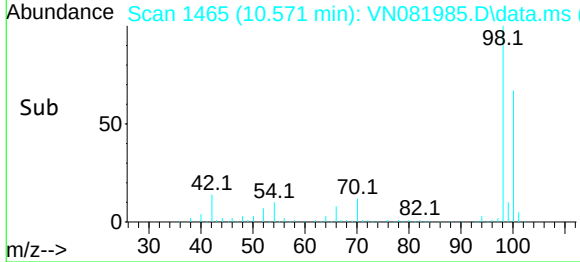
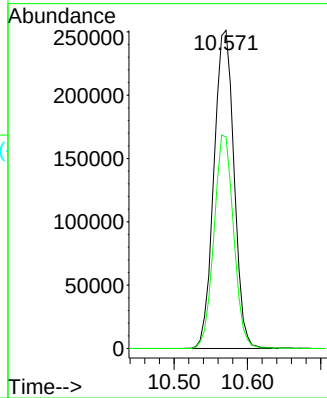
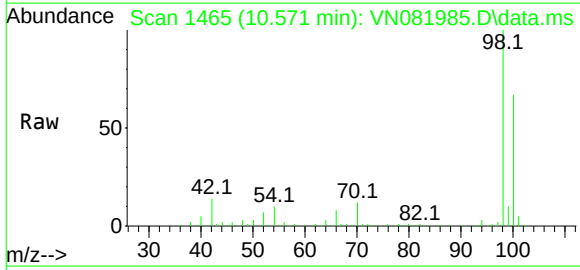
VN0503WBL01

Tgt Ion: 98 Resp: 478575

Ion Ratio Lower Upper

98 100

100 65.5 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 45.035 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN081985.D

Acq: 03 May 2024 12:12

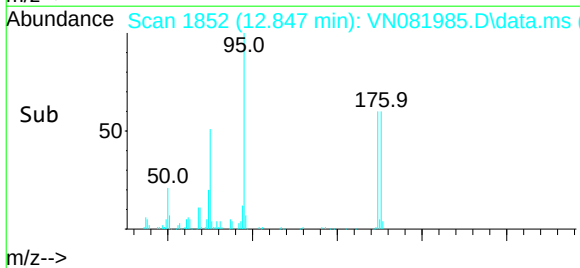
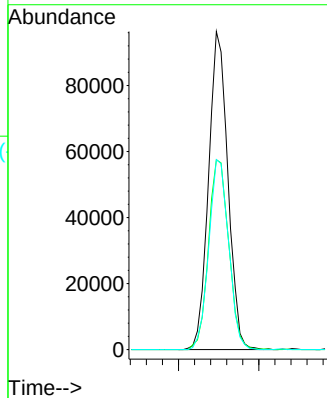
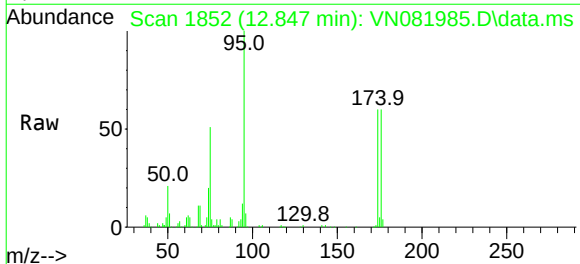
Tgt Ion: 95 Resp: 160656

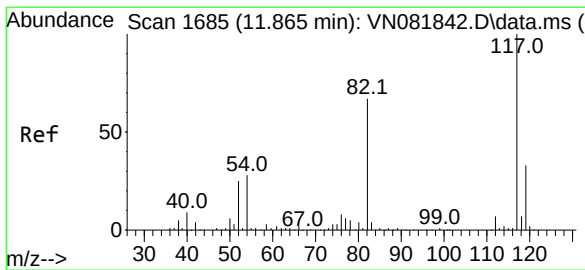
Ion Ratio Lower Upper

95 100

174 62.7 0.0 160.6

176 61.3 0.0 152.8

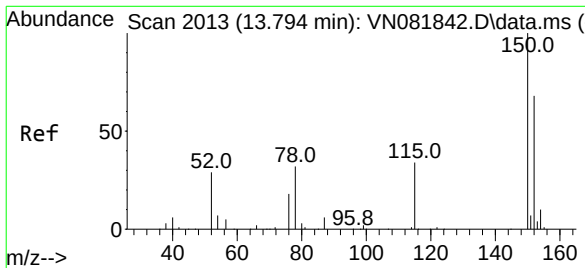
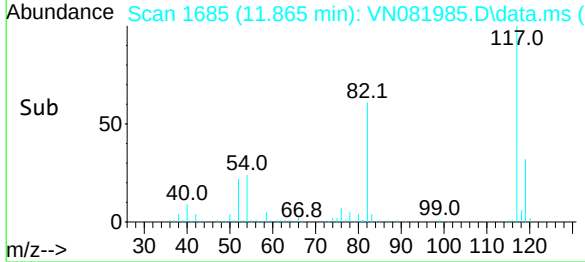
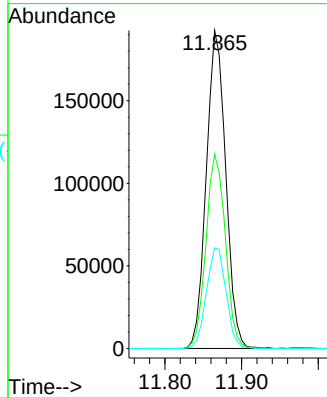
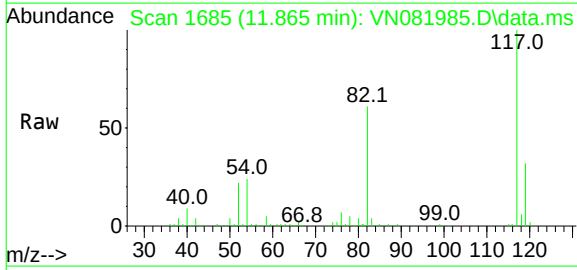




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081985.D
Acq: 03 May 2024 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBL01

Tgt Ion:117 Resp: 338642
Ion Ratio Lower Upper
117 100
82 61.0 44.6 66.8
119 31.7 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: VN081985.D
Acq: 03 May 2024 12:12

Tgt Ion:152 Resp: 131496
Ion Ratio Lower Upper
152 100
115 65.3 30.4 91.3
150 157.6 0.0 353.2

