

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081946.D
 Acq On : 01 May 2024 10:51
 Operator : JC\MD
 Sample : VN0501MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501MBL01

Quant Time: May 02 01:27:58 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	188892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	379904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144245	45.246	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.500%
35) Dibromofluoromethane	8.165	113	108330	47.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.720%
50) Toluene-d8	10.565	98	462521	51.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.980%
62) 4-Bromofluorobenzene	12.853	95	155954	43.916	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.840%

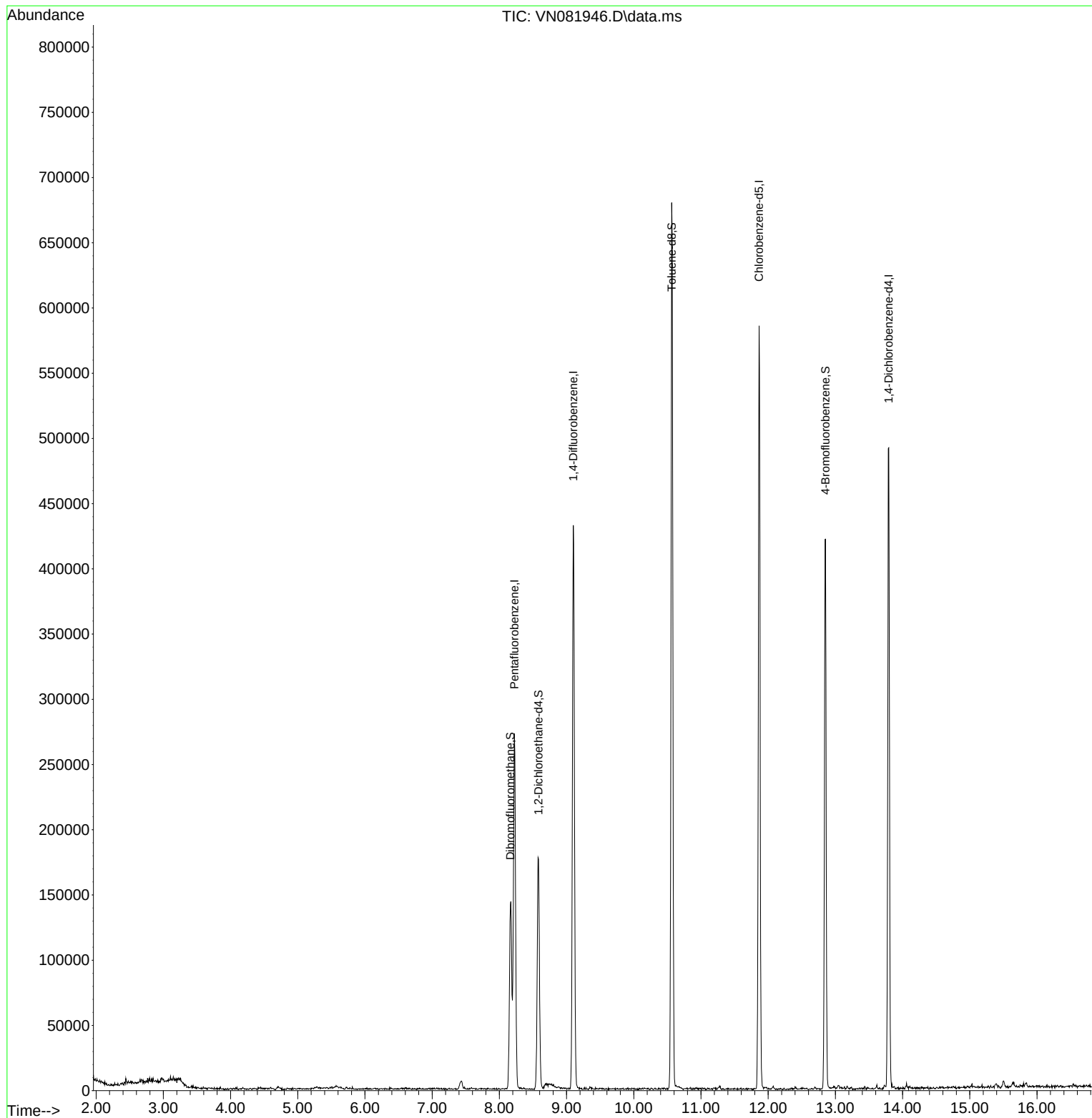
Target Compounds	Qvalue

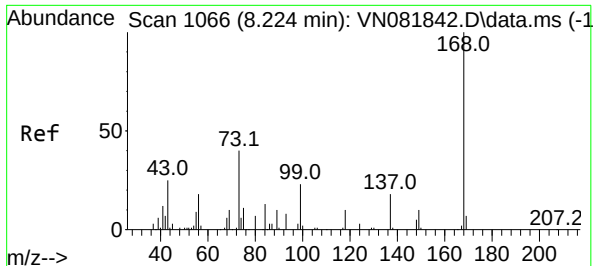
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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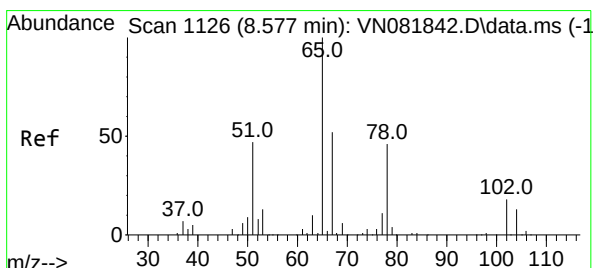
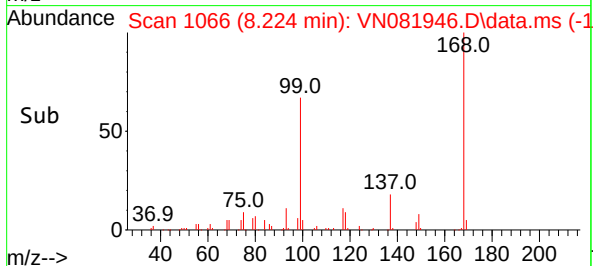
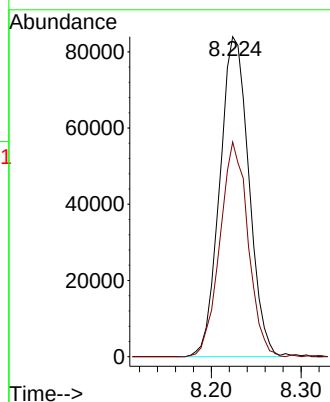
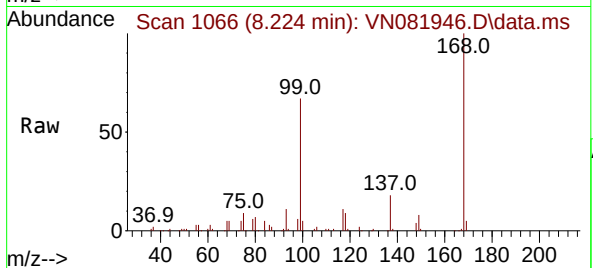




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN081946.D
Acq: 01 May 2024 10:51

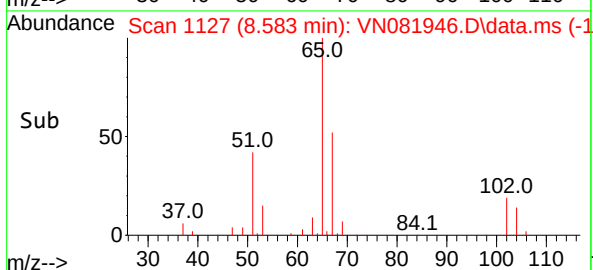
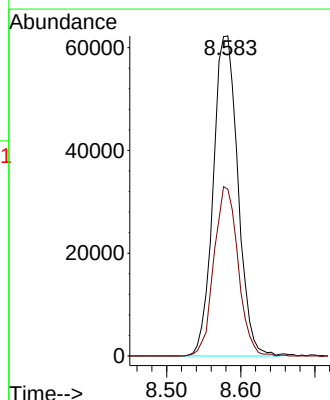
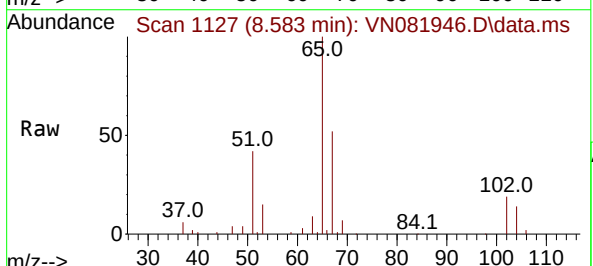
Instrument :
MSVOA_N
ClientSampleId :
VN0501MBL01

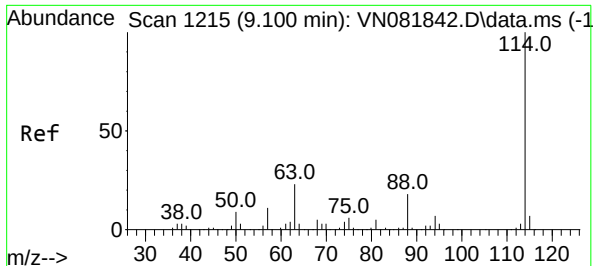
Tgt Ion:168 Resp: 188892
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 45.246 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081946.D
Acq: 01 May 2024 10:51

Tgt Ion: 65 Resp: 144245
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081946.D

Acq: 01 May 2024 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0501MBL01

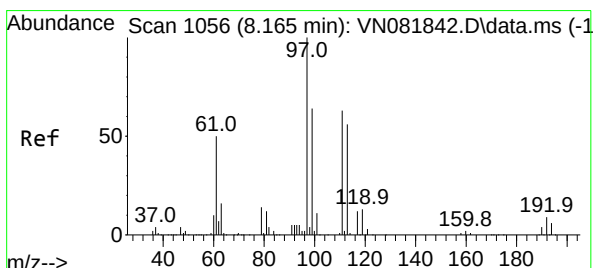
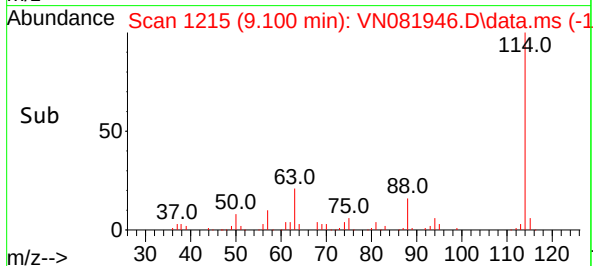
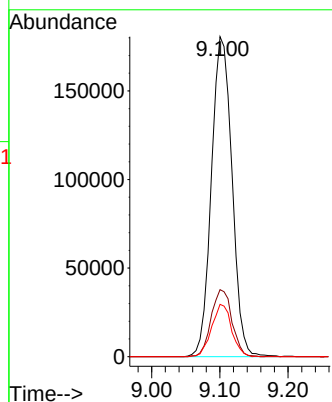
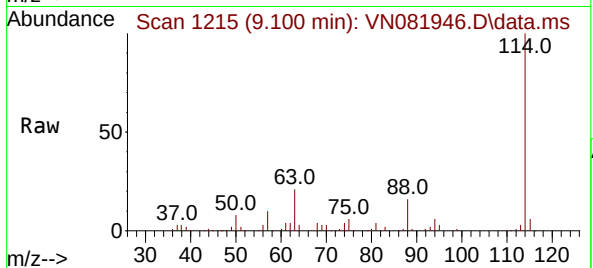
Tgt Ion:114 Resp: 379904

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.0

88 16.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.361 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081946.D

Acq: 01 May 2024 10:51

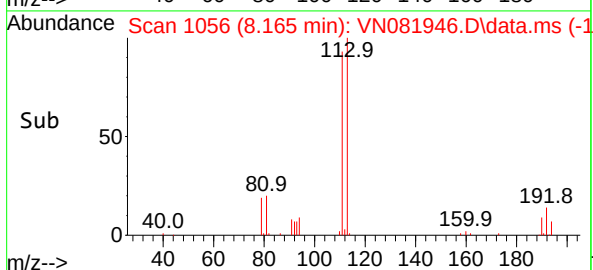
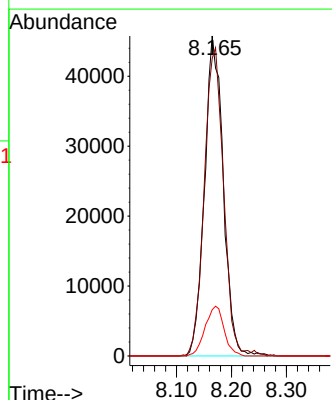
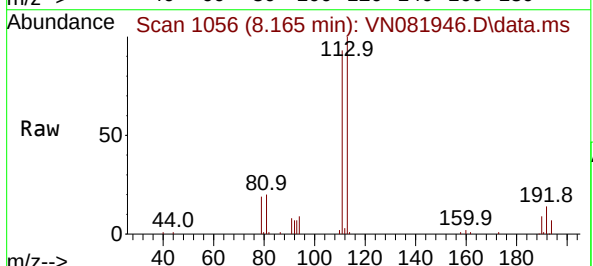
Tgt Ion:113 Resp: 108330

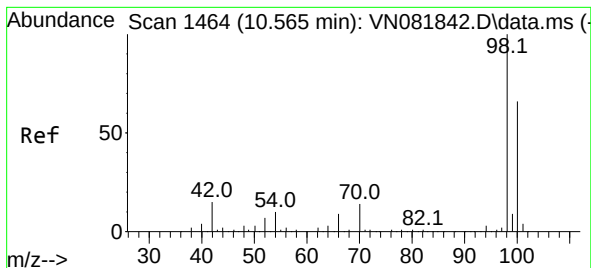
Ion Ratio Lower Upper

113 100

111 99.5 83.4 125.2

192 15.8 14.0 21.0





#50

Toluene-d8

Concen: 51.486 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081946.D

Acq: 01 May 2024 10:51

Instrument :

MSVOA_N

ClientSampleId :

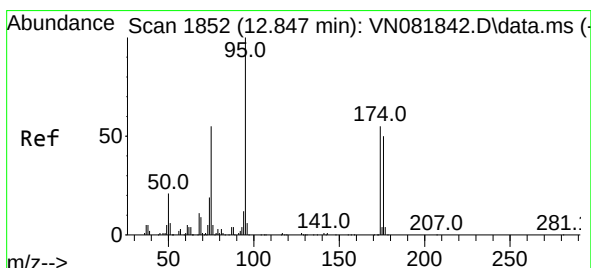
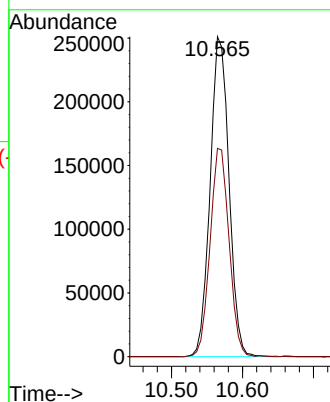
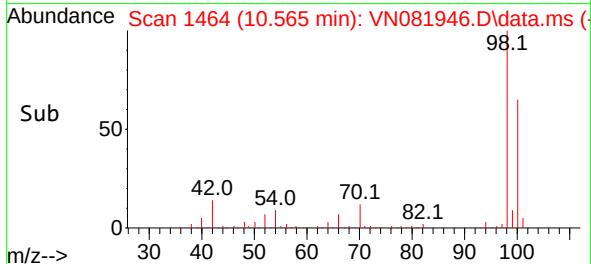
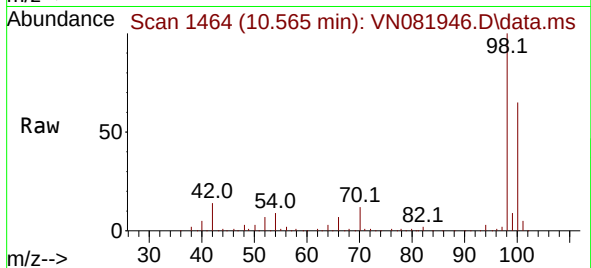
VN0501MBL01

Tgt Ion: 98 Resp: 462521

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 43.916 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081946.D

Acq: 01 May 2024 10:51

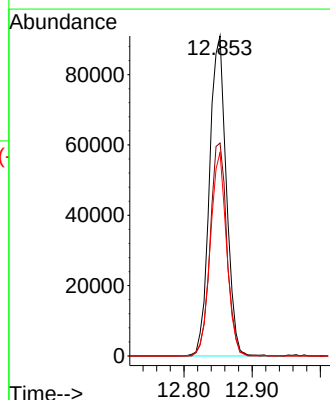
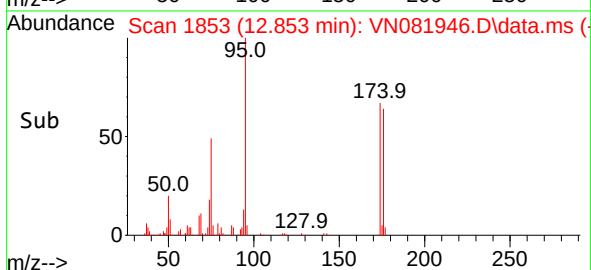
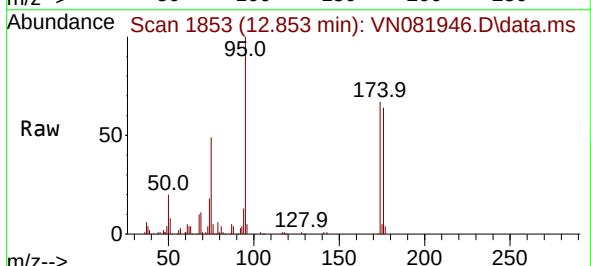
Tgt Ion: 95 Resp: 155954

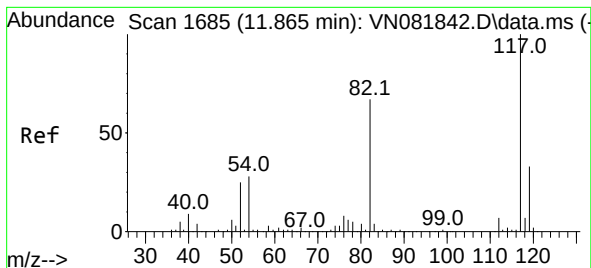
Ion Ratio Lower Upper

95 100

174 66.1 0.0 160.6

176 61.6 0.0 152.8

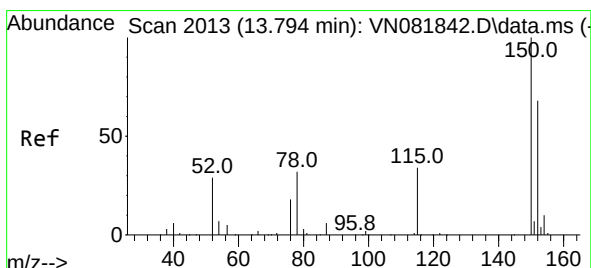
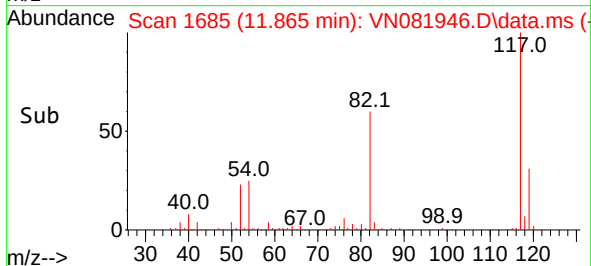
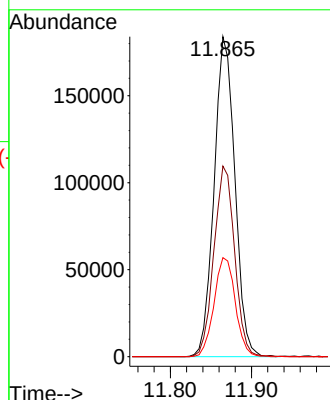
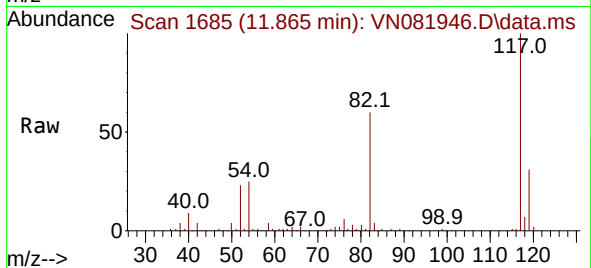




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081946.D
Acq: 01 May 2024 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0501MBL01

Tgt Ion:117 Resp: 327096
Ion Ratio Lower Upper
117 100
82 59.6 44.6 66.8
119 31.0 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: VN081946.D
Acq: 01 May 2024 10:51

Tgt Ion:152 Resp: 126968
Ion Ratio Lower Upper
152 100
115 62.8 30.4 91.3
150 158.9 0.0 353.2

