

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083325.D
 Acq On : 15 Aug 2024 12:46
 Operator : JC\MD
 Sample : P3619-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-081424

Quant Time: Aug 16 01:49:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	124662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104909	59.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.240%	
35) Dibromofluoromethane	8.165	113	83111	53.254	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.500%	
50) Toluene-d8	10.571	98	310669	53.365	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.740%	
62) 4-Bromofluorobenzene	12.853	95	127066	55.986	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.980%	

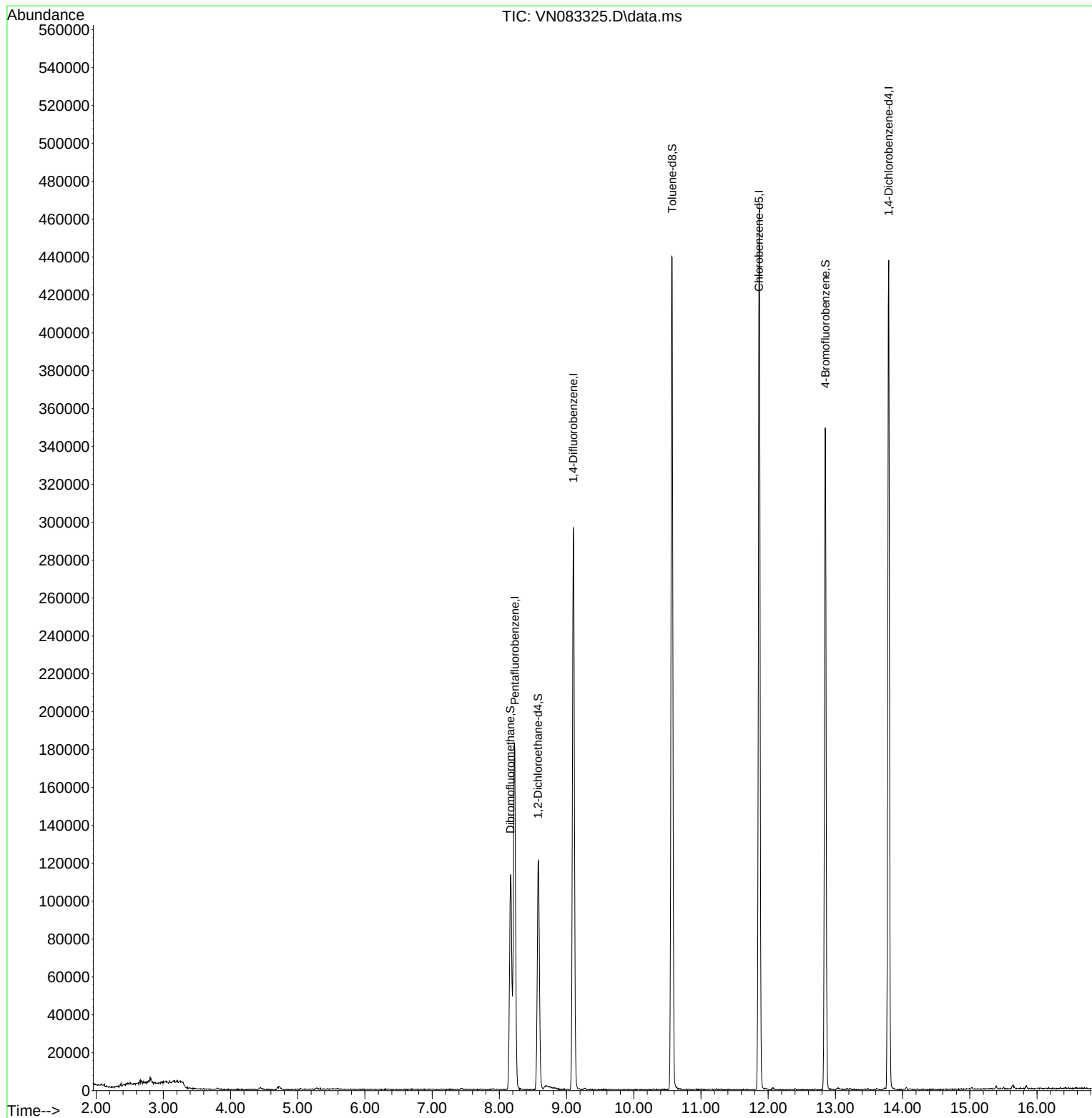
Target Compounds	Qvalue

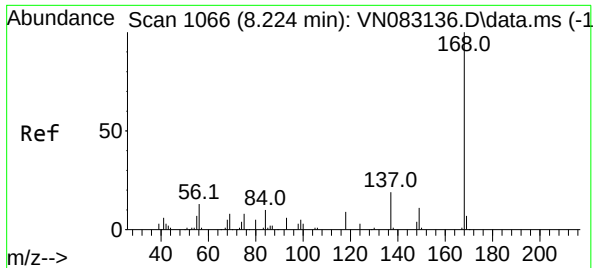
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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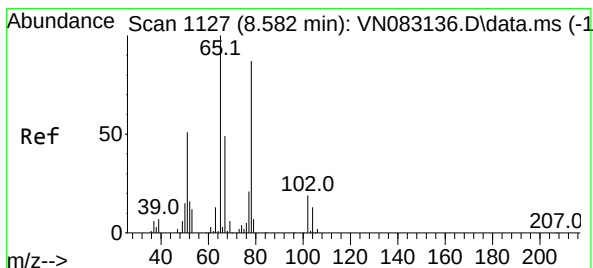
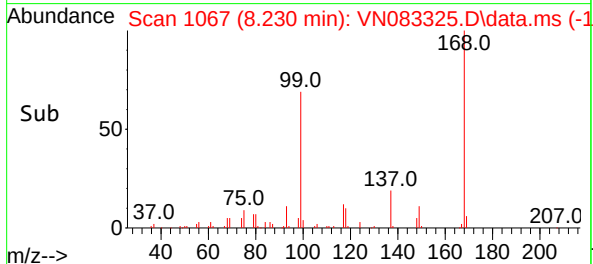
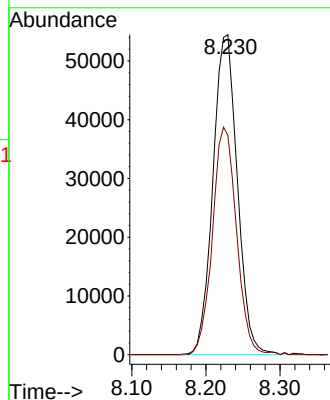
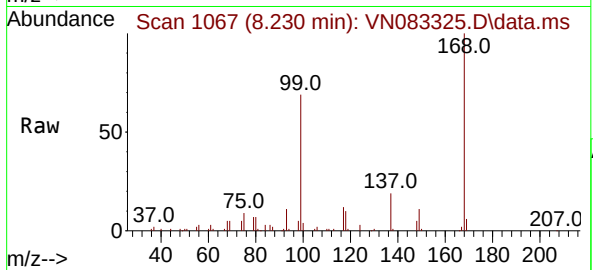




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

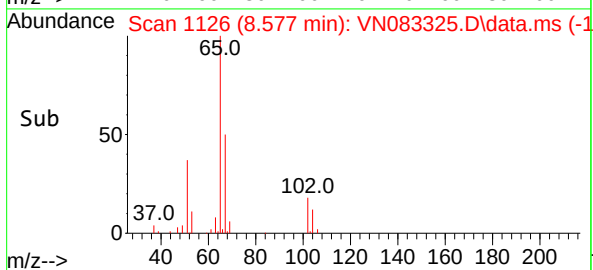
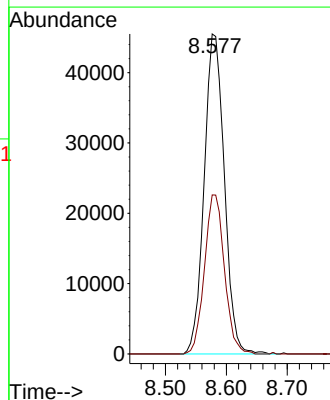
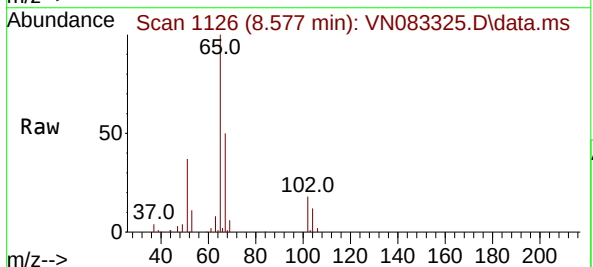
Instrument :
MSVOA_N
ClientSampleId :
TB-02-081424

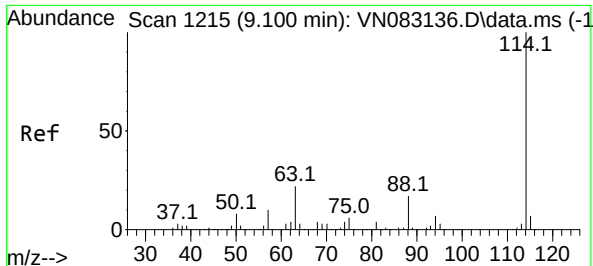
Tgt Ion:168 Resp: 124662
Ion Ratio Lower Upper
168 100
99 68.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.123 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

Tgt Ion: 65 Resp: 104909
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

TB-02-081424

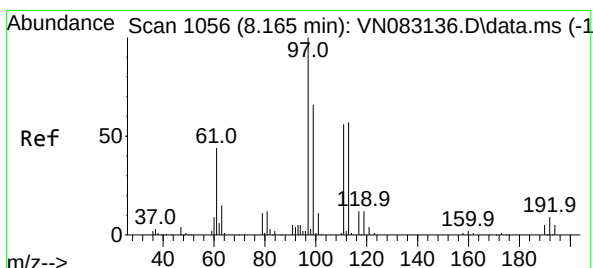
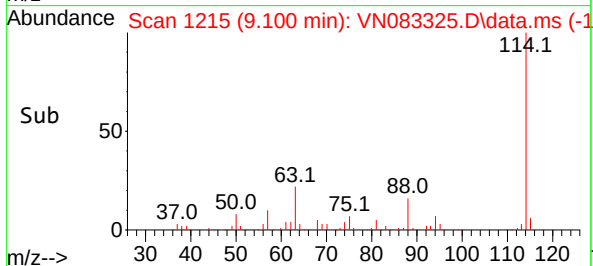
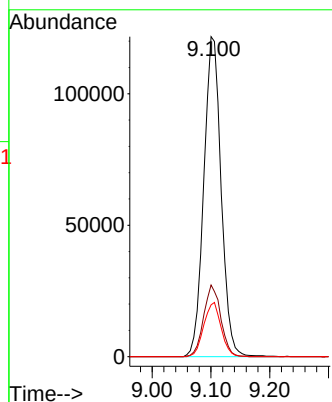
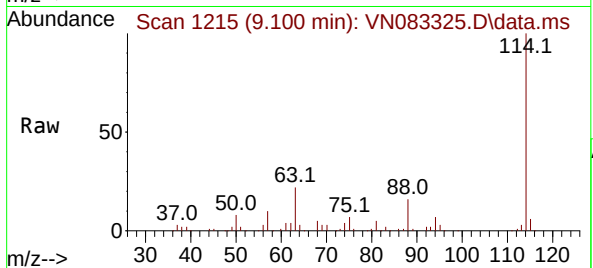
Tgt Ion:114 Resp: 250032

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.254 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

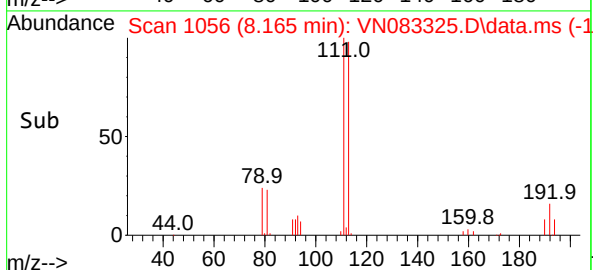
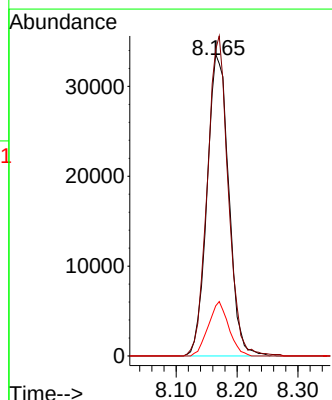
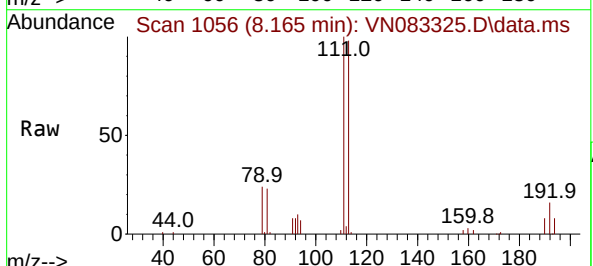
Tgt Ion:113 Resp: 83111

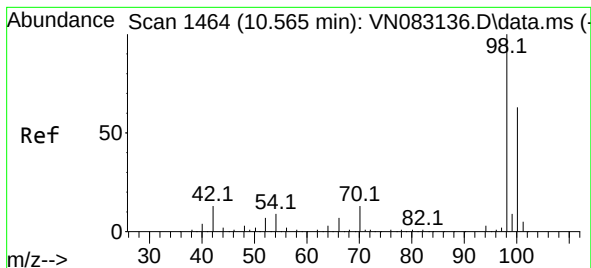
Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 17.0 14.9 22.3





#50

Toluene-d8

Concen: 53.365 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

Instrument :

MSVOA_N

ClientSampleId :

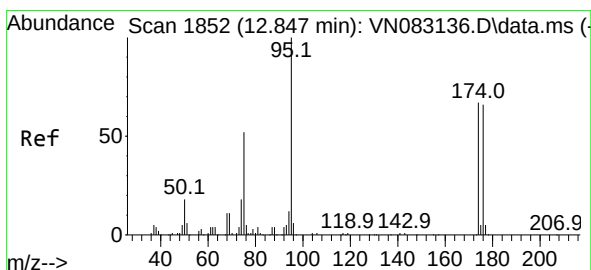
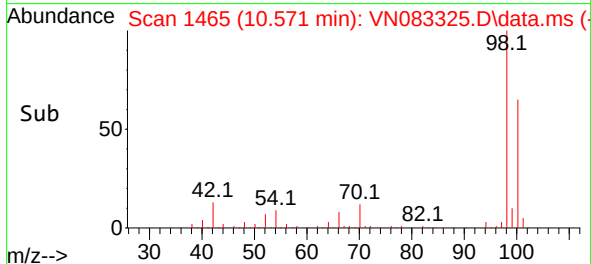
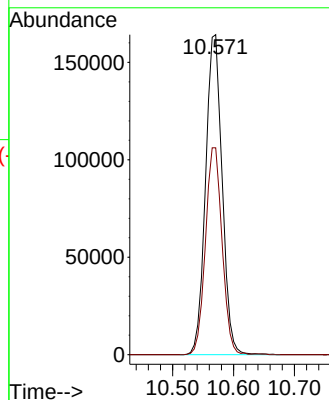
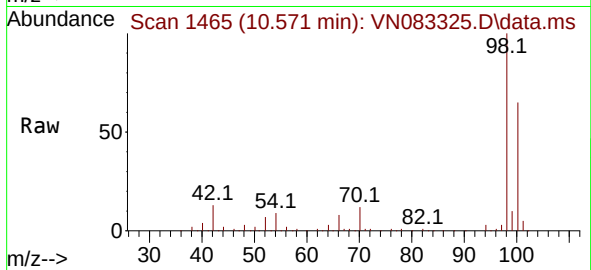
TB-02-081424

Tgt Ion: 98 Resp: 310669

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 55.986 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083325.D

Acq: 15 Aug 2024 12:46

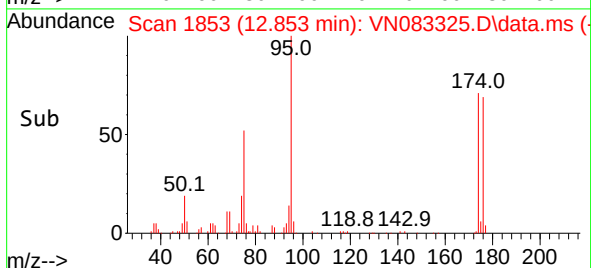
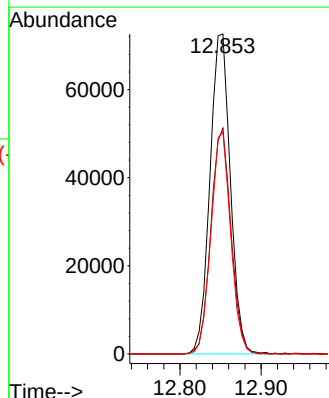
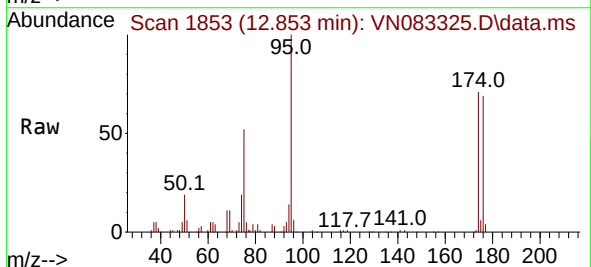
Tgt Ion: 95 Resp: 127066

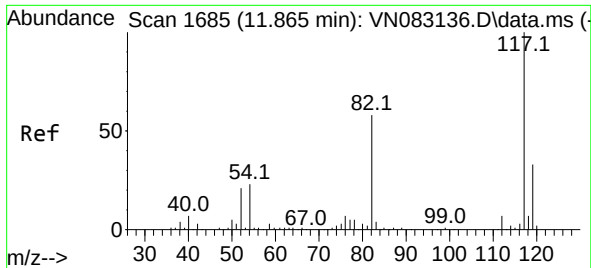
Ion Ratio Lower Upper

95 100

174 69.5 0.0 159.2

176 67.0 0.0 147.6

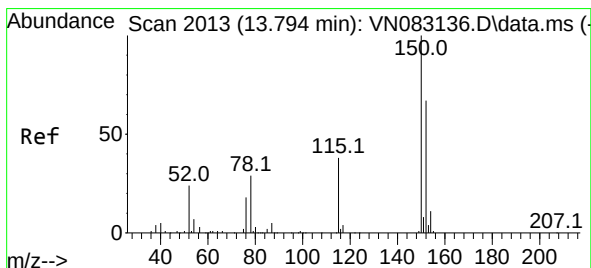
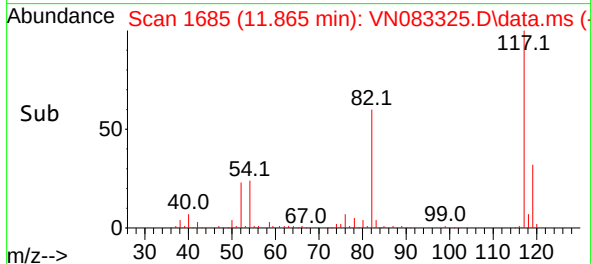
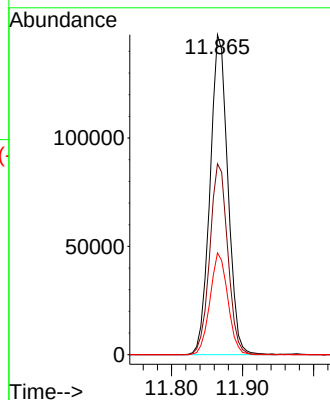
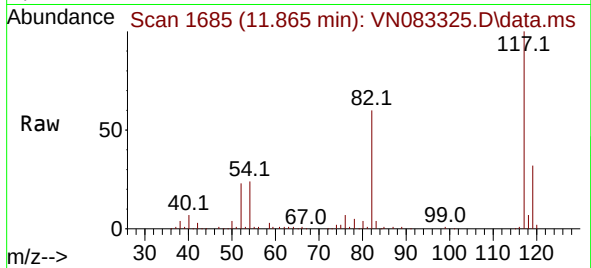




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

Instrument :
MSVOA_N
ClientSampleId :
TB-02-081424

Tgt Ion:117 Resp: 257661
Ion Ratio Lower Upper
117 100
82 59.7 47.5 71.3
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083325.D
Acq: 15 Aug 2024 12:46

Tgt Ion:152 Resp: 114805
Ion Ratio Lower Upper
152 100
115 63.2 30.6 91.6
150 157.4 0.0 348.6

