

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083339.D
 Acq On : 15 Aug 2024 18:26
 Operator : JC\MD
 Sample : P3623-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240813

Quant Time: Aug 16 03:58:56 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	127497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115268	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104589	57.632	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.260%
35) Dibromofluoromethane	8.171	113	84138	54.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.300%
50) Toluene-d8	10.565	98	308412	53.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.420%
62) 4-Bromofluorobenzene	12.853	95	127862	56.586	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.180%

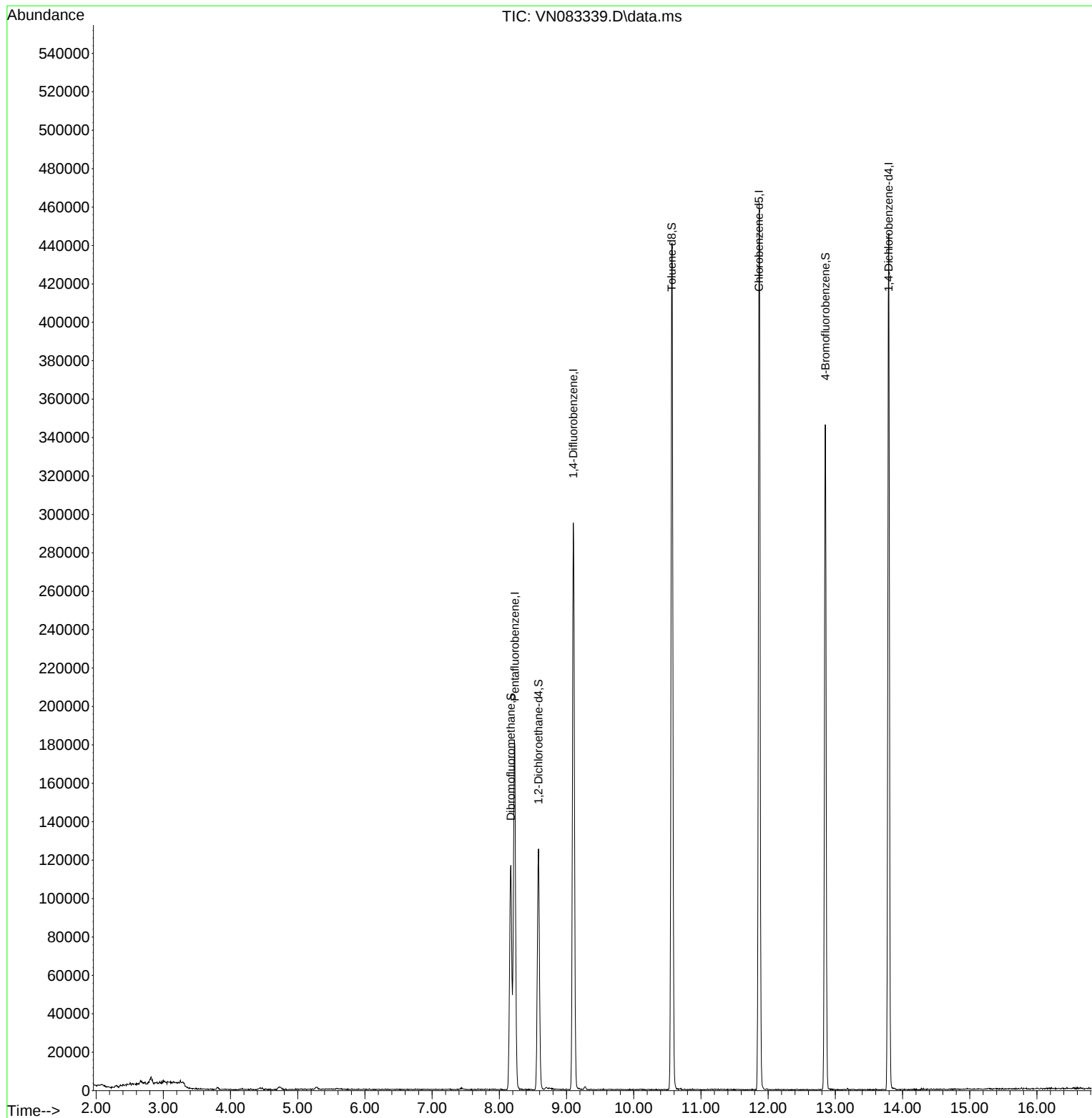
Target Compounds	Qvalue

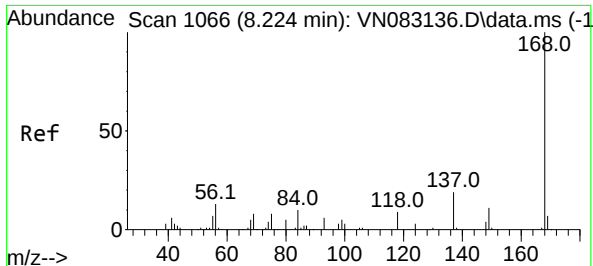
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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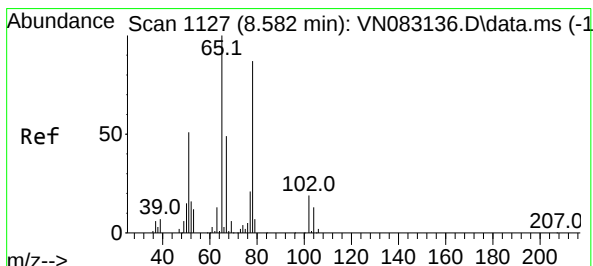
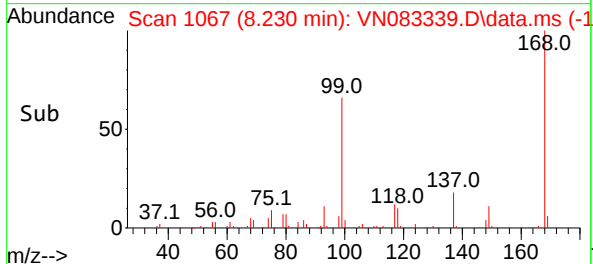
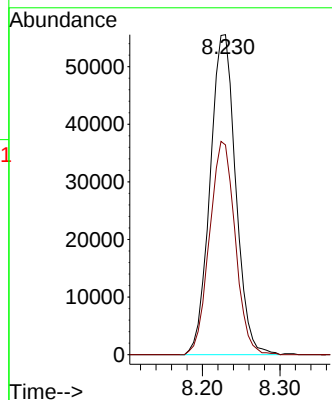
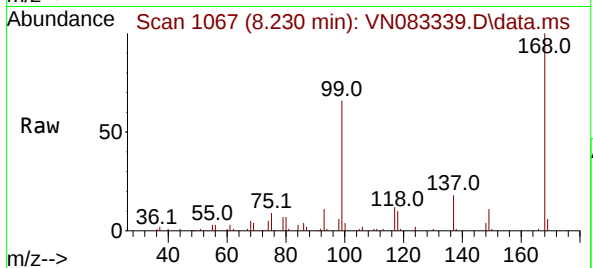




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

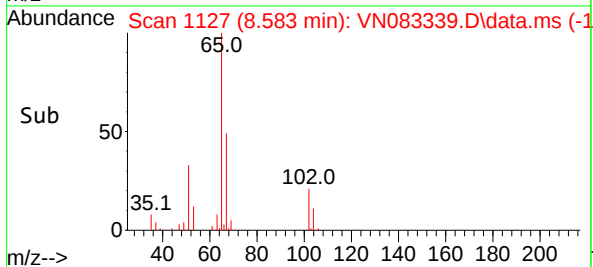
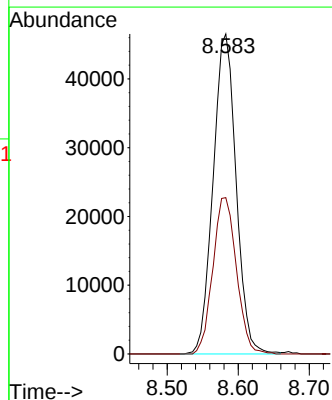
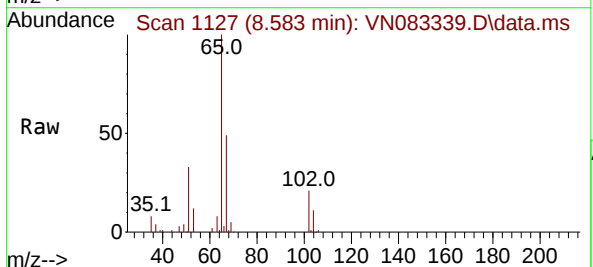
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240813

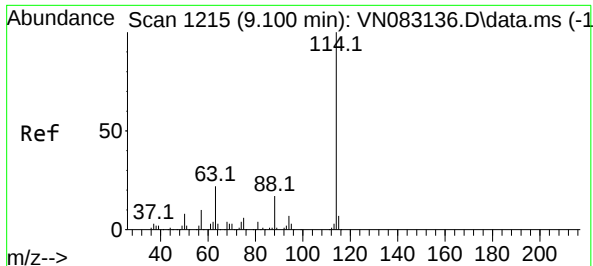
Tgt Ion:168 Resp: 127497
Ion Ratio Lower Upper
168 100
99 65.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.632 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion: 65 Resp: 104589
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083339.D

Acq: 15 Aug 2024 18:26

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20240813

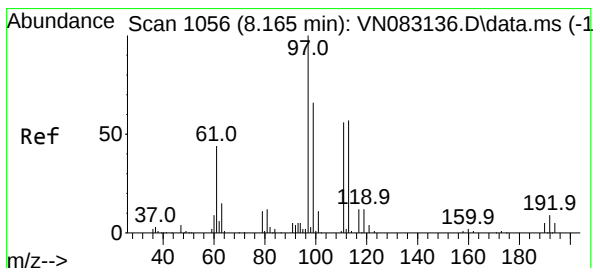
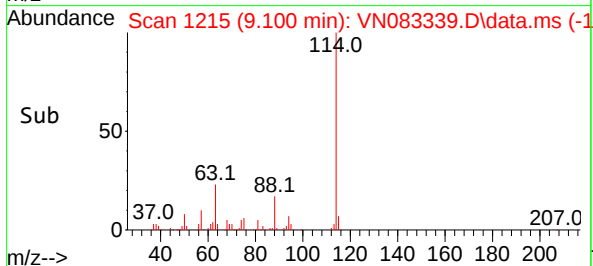
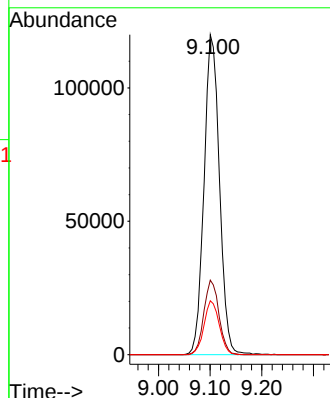
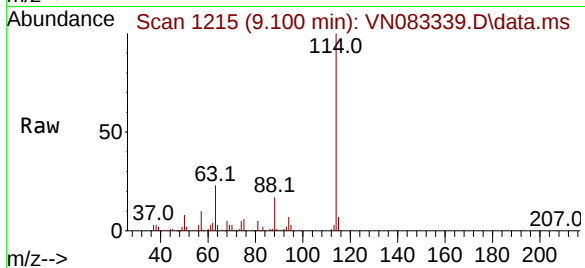
Tgt Ion:114 Resp: 248930

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.151 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083339.D

Acq: 15 Aug 2024 18:26

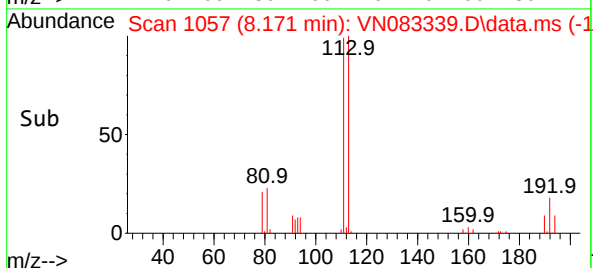
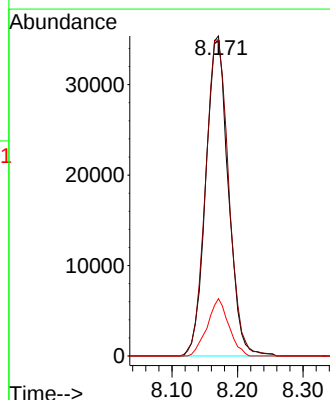
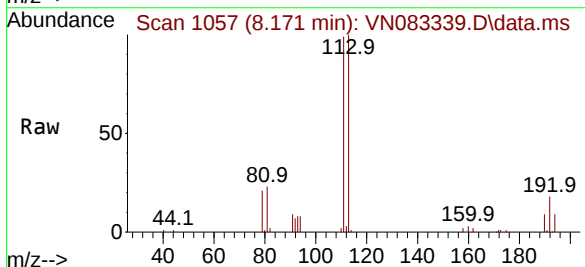
Tgt Ion:113 Resp: 84138

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 17.1 14.9 22.3

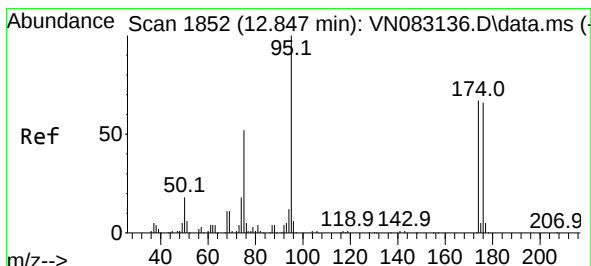
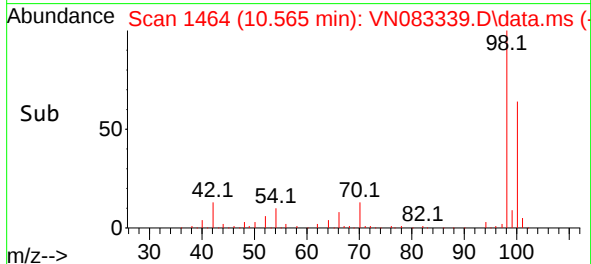
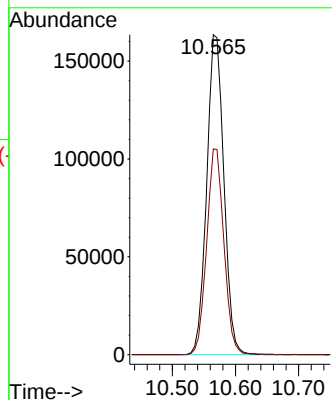
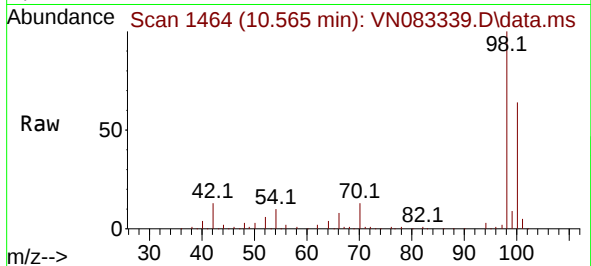




#50
Toluene-d8
Concen: 53.212 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

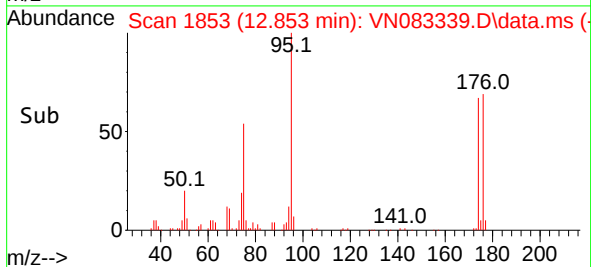
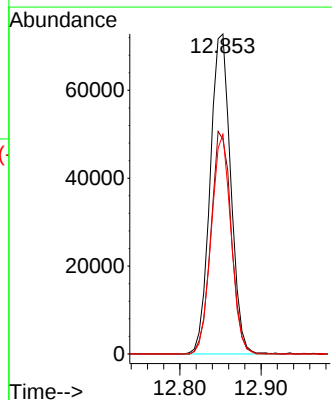
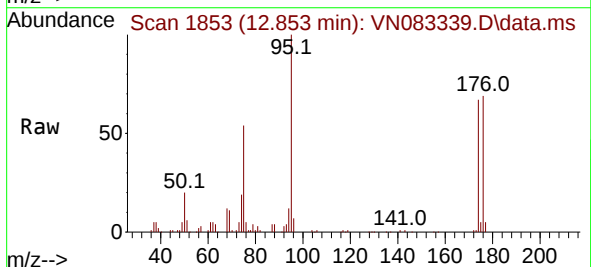
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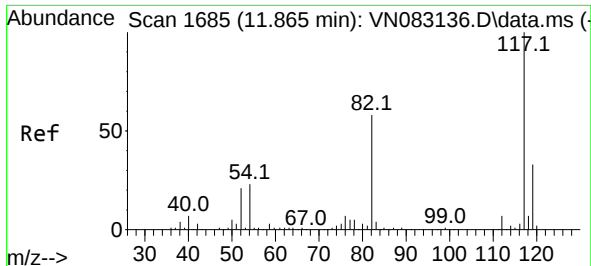
Tgt Ion: 98 Resp: 308412
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.586 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion: 95 Resp: 127862
Ion Ratio Lower Upper
95 100
174 68.7 0.0 159.2
176 65.9 0.0 147.6

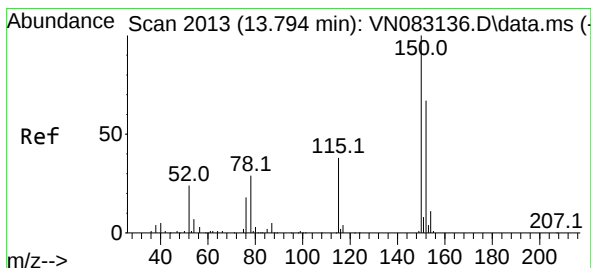
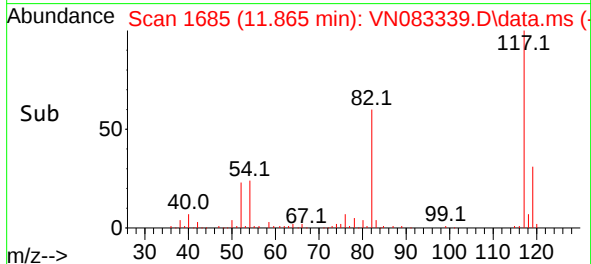
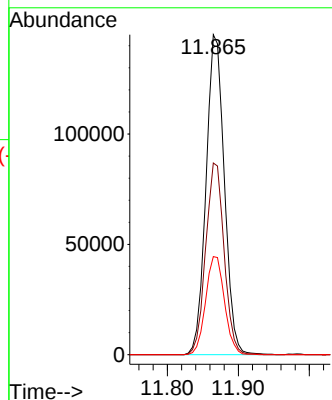
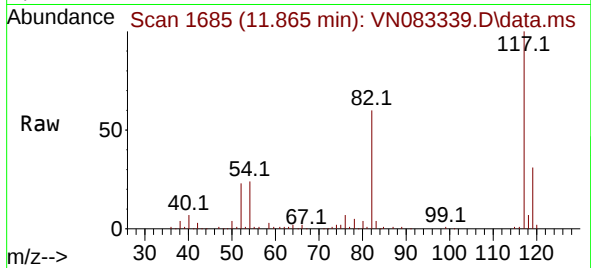




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083339.D
Acq: 15 Aug 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240813

Tgt Ion:117 Resp: 259832
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 30.7 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: VN083339.D
Acq: 15 Aug 2024 18:26

Tgt Ion:152 Resp: 115268
Ion Ratio Lower Upper
152 100
115 64.2 30.6 91.6
150 157.7 0.0 348.6

