

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081875.D
 Acq On : 26 Apr 2024 14:08
 Operator : JC\MD
 Sample : P2265-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-042424

Quant Time: Apr 26 23:00:20 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	243323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	438737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	385636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	151971	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	174301	42.444	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.880%
35) Dibromofluoromethane	8.171	113	128846	48.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	10.565	98	540244	52.074	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.853	95	193190	47.107	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.220%

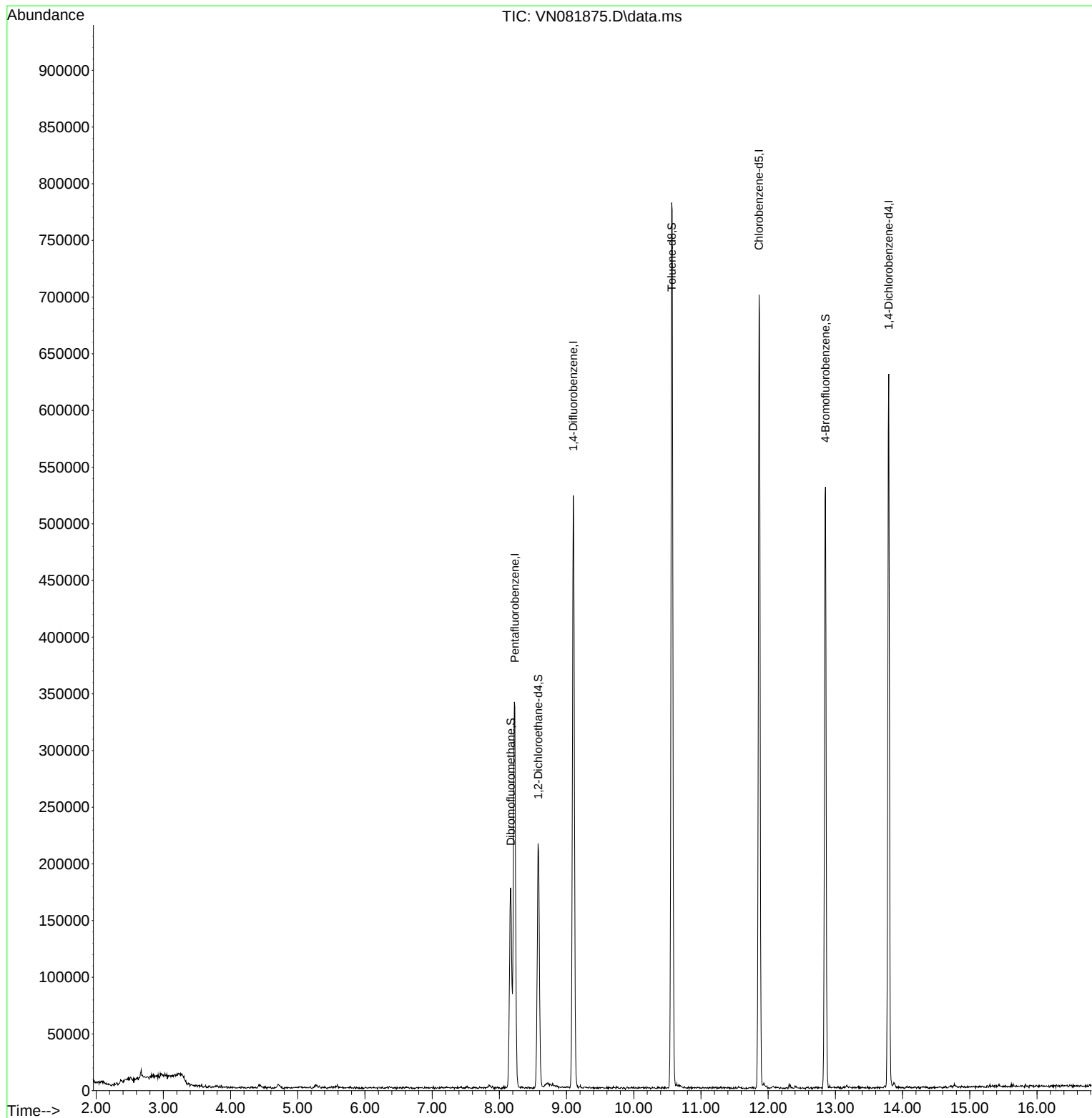
Target Compounds	Qvalue

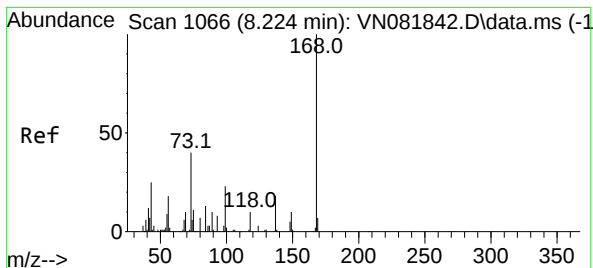
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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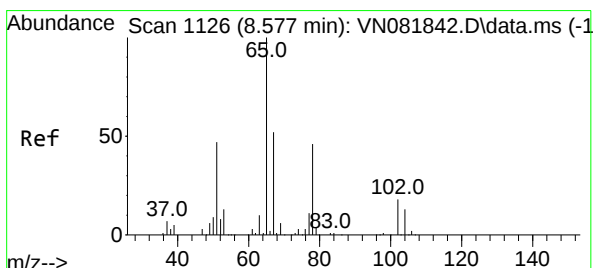
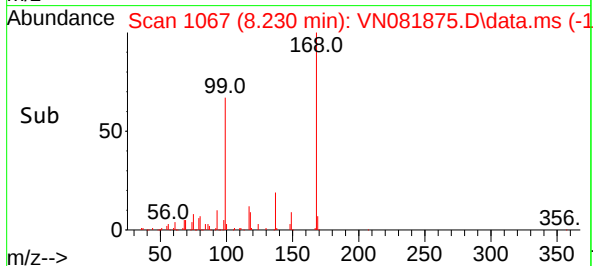
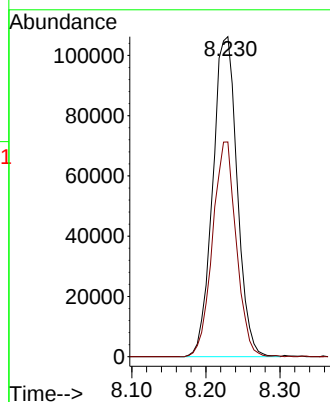
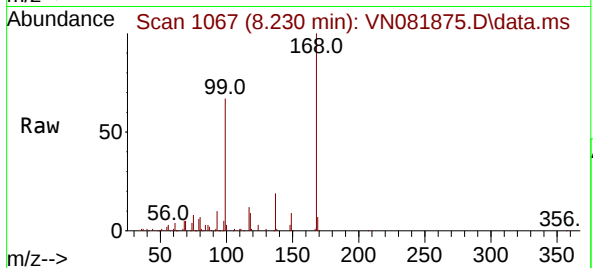




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081875.D
Acq: 26 Apr 2024 14:08

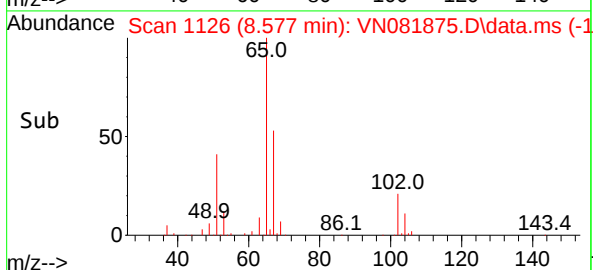
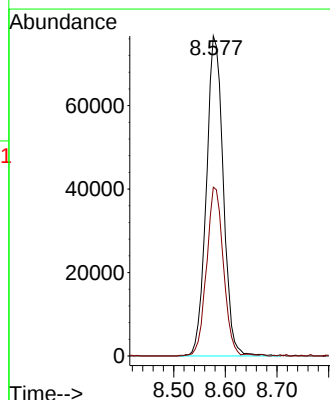
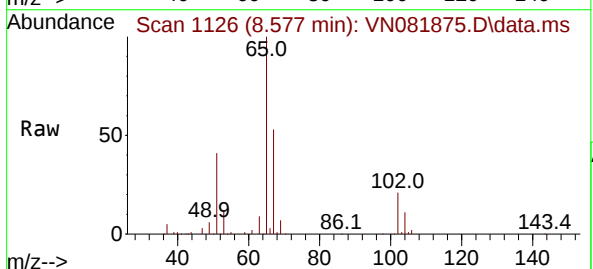
Instrument :
MSVOA_N
ClientSampleId :
TB-01-042424

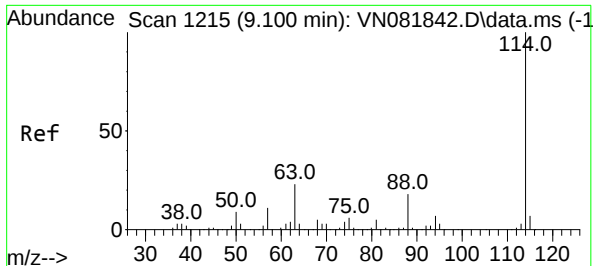
Tgt Ion:168 Resp: 243323
Ion Ratio Lower Upper
168 100
99 67.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 42.444 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081875.D
Acq: 26 Apr 2024 14:08

Tgt Ion: 65 Resp: 174301
Ion Ratio Lower Upper
65 100
67 52.5 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: VN081875.D

Acq: 26 Apr 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

TB-01-042424

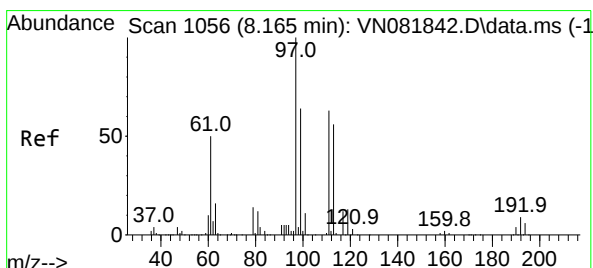
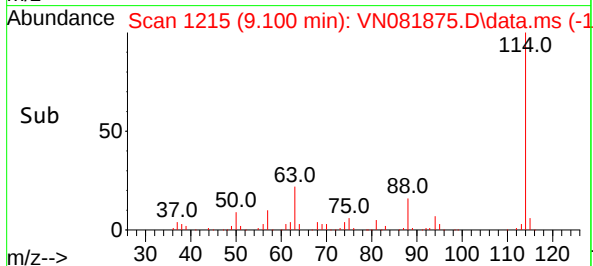
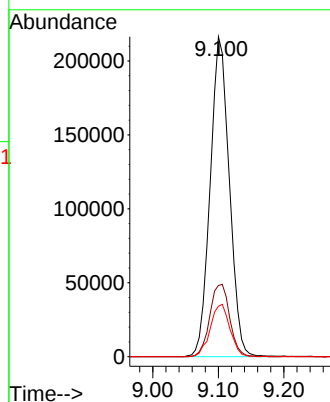
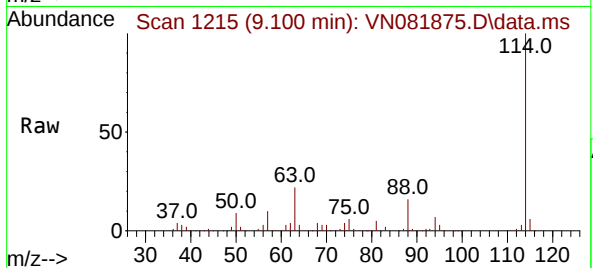
Tgt Ion:114 Resp: 438737

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.0

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.776 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081875.D

Acq: 26 Apr 2024 14:08

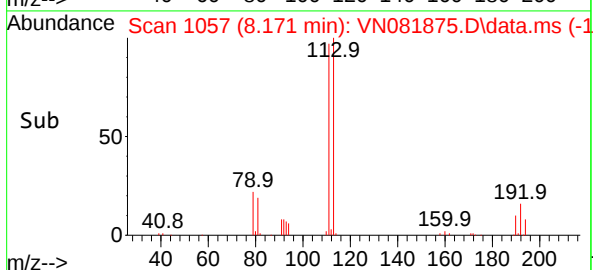
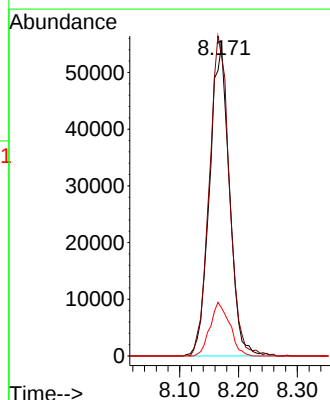
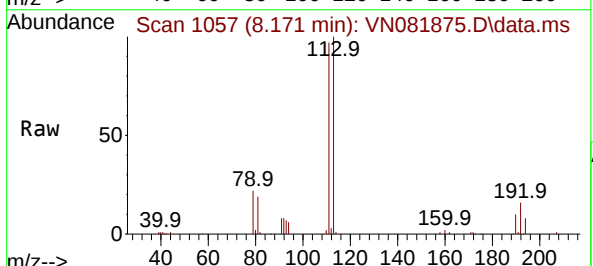
Tgt Ion:113 Resp: 128846

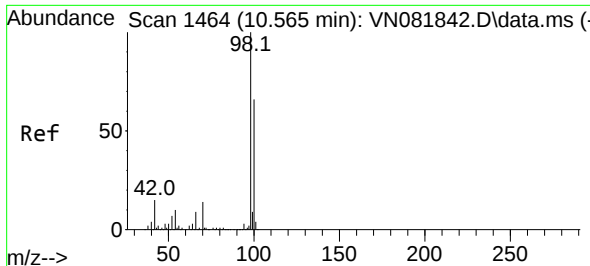
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 16.9 14.0 21.0

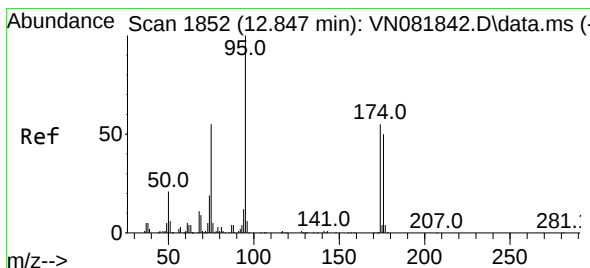
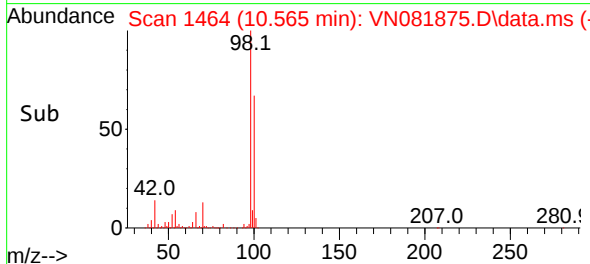
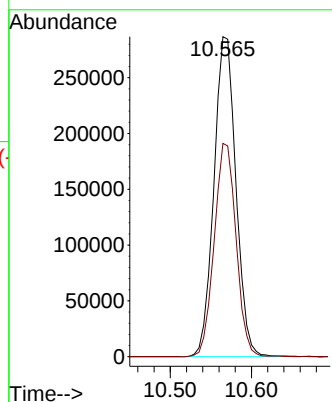
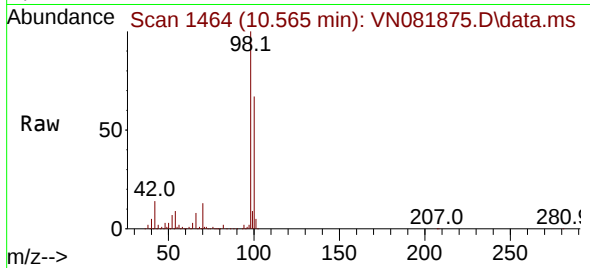




#50
Toluene-d8
Concen: 52.074 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081875.D
Acq: 26 Apr 2024 14:08

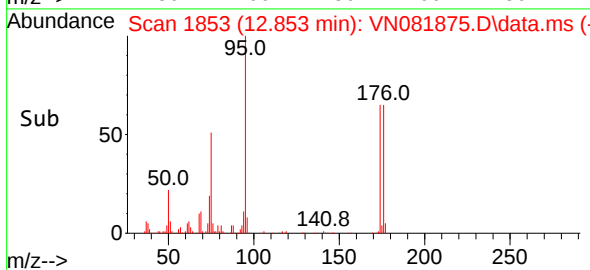
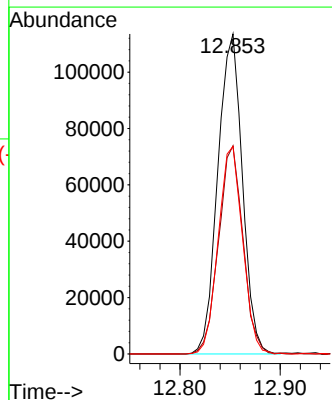
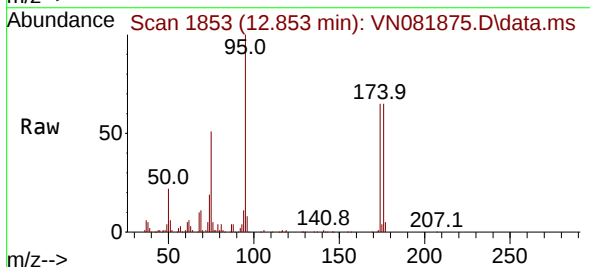
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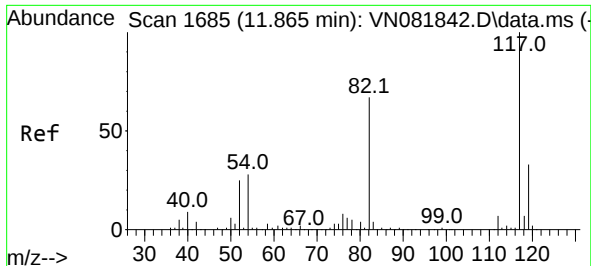
Tgt Ion: 98 Resp: 540244
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.107 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081875.D
Acq: 26 Apr 2024 14:08

Tgt Ion: 95 Resp: 193190
Ion Ratio Lower Upper
95 100
174 64.5 0.0 160.6
176 64.2 0.0 152.8

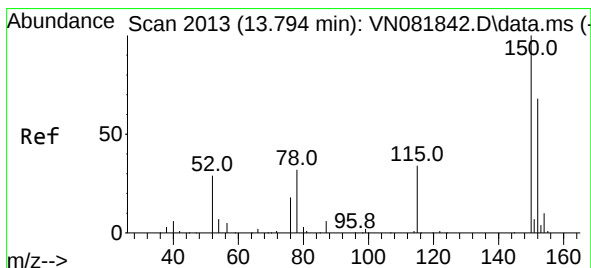
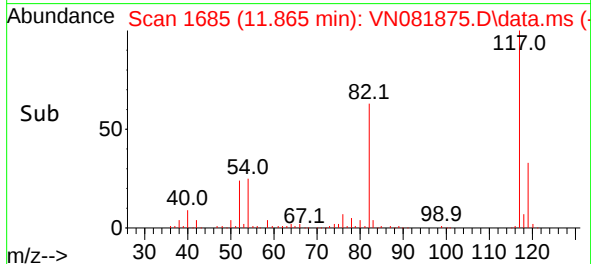
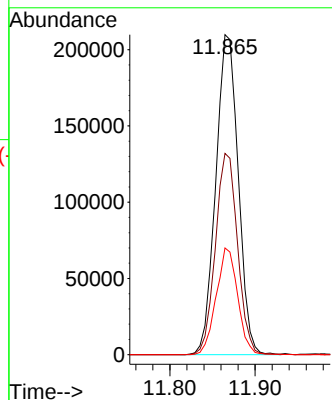
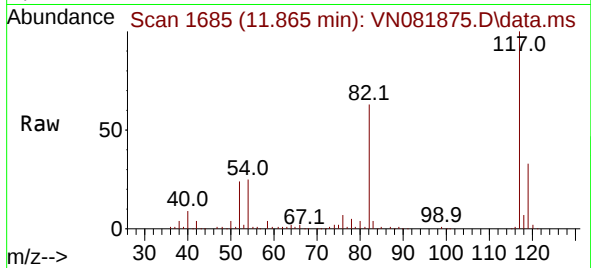




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081875.D
Acq: 26 Apr 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :
TB-01-042424

Tgt Ion:117 Resp: 385636
Ion Ratio Lower Upper
117 100
82 62.9 44.6 66.8
119 33.4 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: VN081875.D
Acq: 26 Apr 2024 14:08

Tgt Ion:152 Resp: 151971
Ion Ratio Lower Upper
152 100
115 65.0 30.4 91.3
150 161.9 0.0 353.2

