

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082858.D
 Acq On : 10 Jul 2024 16:26
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 11 03:50:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	125152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	232538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	236744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	91375	52.084	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.160%
35) Dibromofluoromethane	8.171	113	74484	49.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	10.571	98	274740	49.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.853	95	107903	54.506	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	109.020%

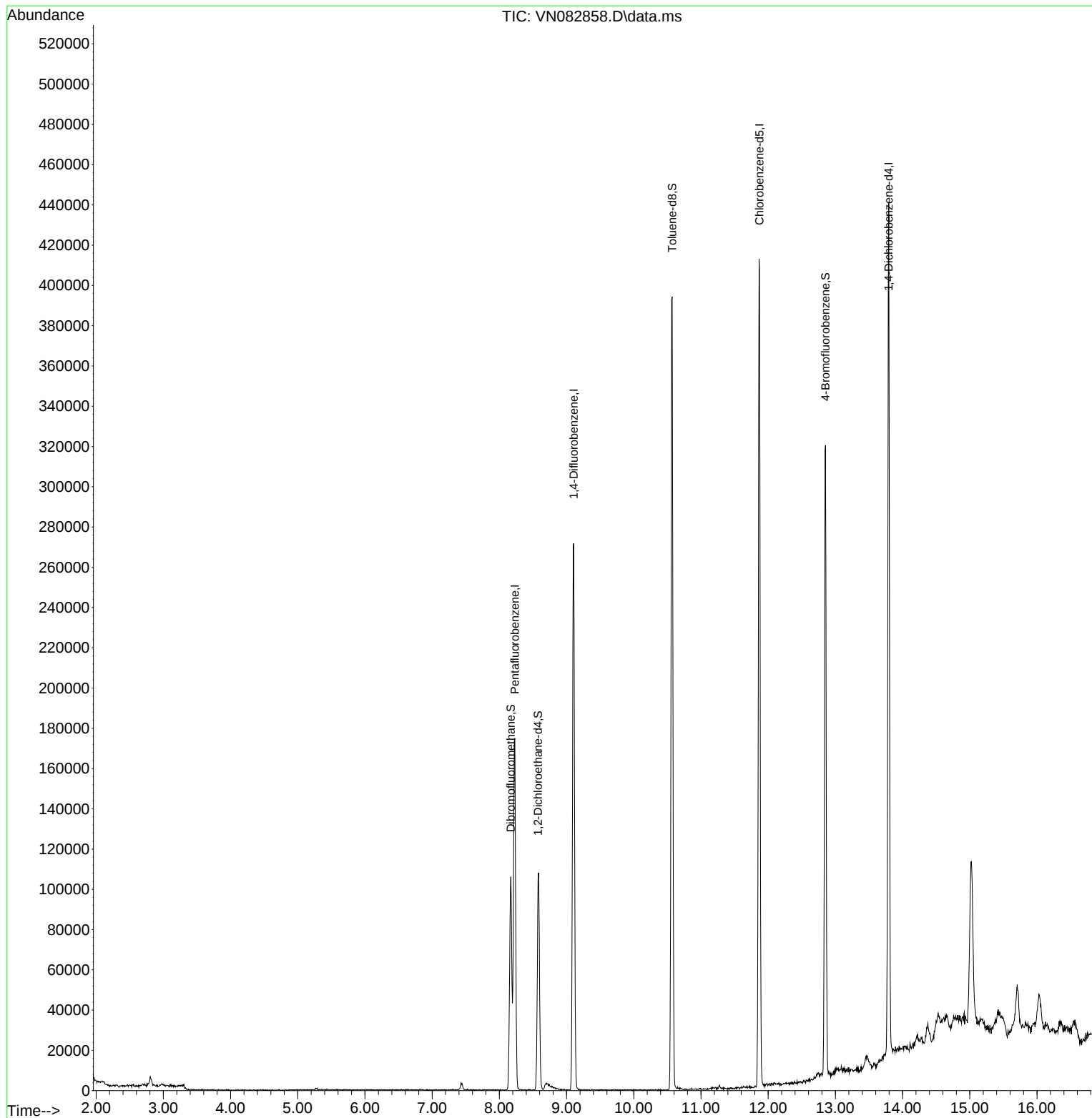
Target Compounds	Qvalue

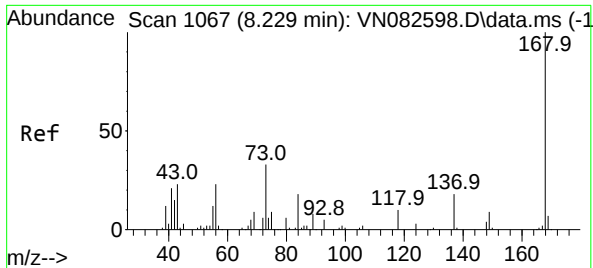
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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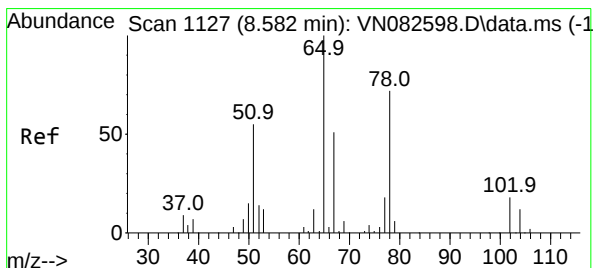
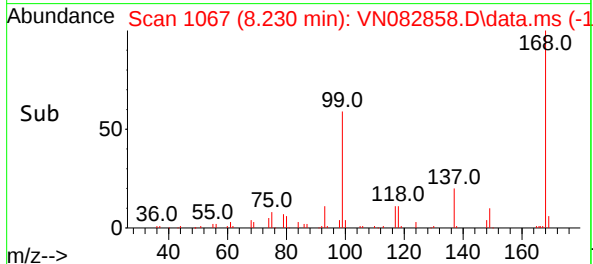
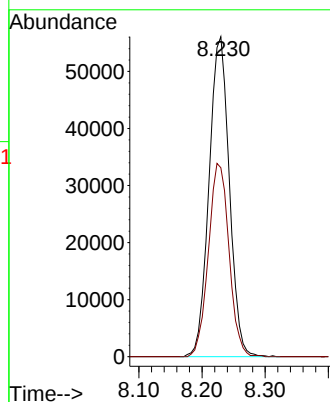
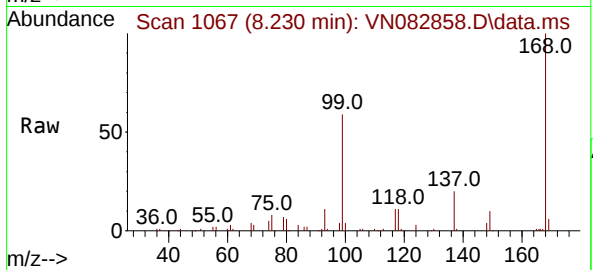




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

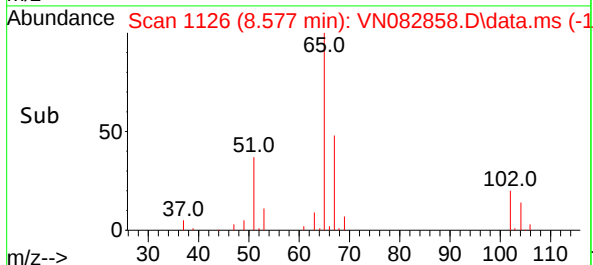
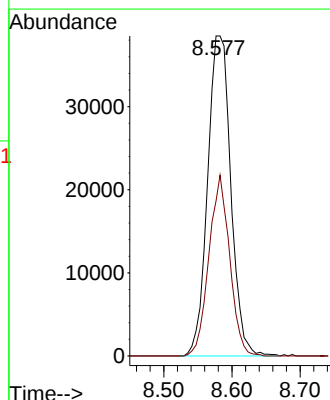
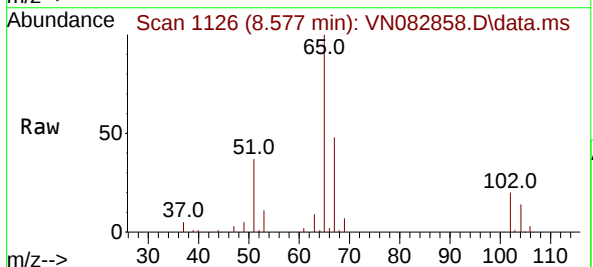
Instrument :
MSVOA_N
ClientSampleId :
IBLK

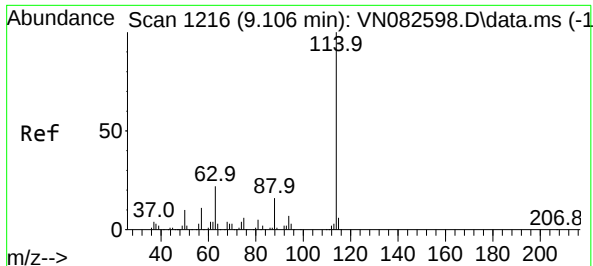
Tgt Ion:168 Resp: 125152
Ion Ratio Lower Upper
168 100
99 59.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.084 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

Tgt Ion: 65 Resp: 91375
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082858.D

Acq: 10 Jul 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

IBLK

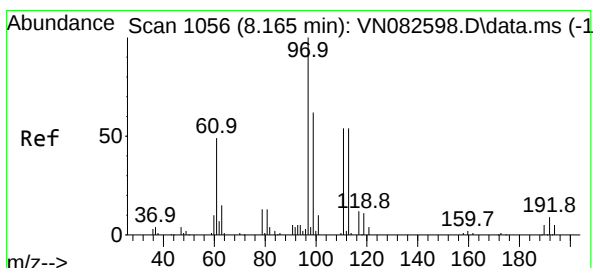
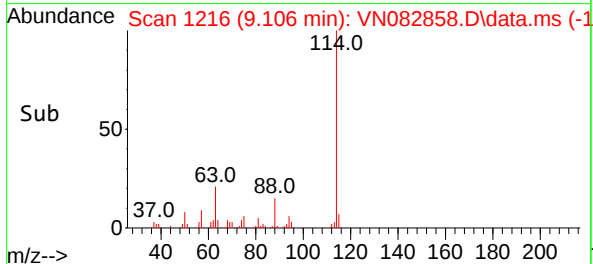
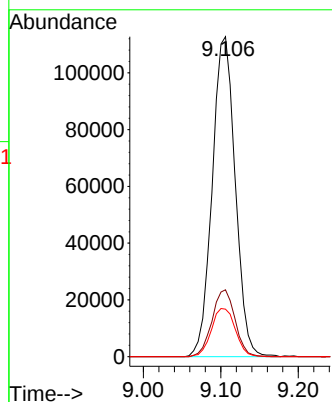
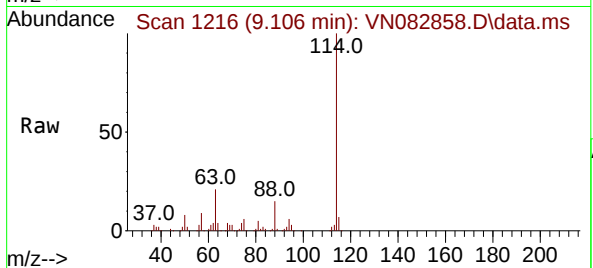
Tgt Ion:114 Resp: 232538

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 14.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.918 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082858.D

Acq: 10 Jul 2024 16:26

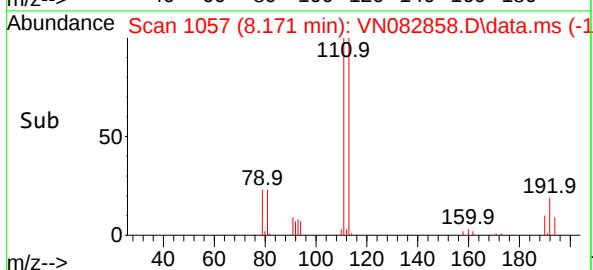
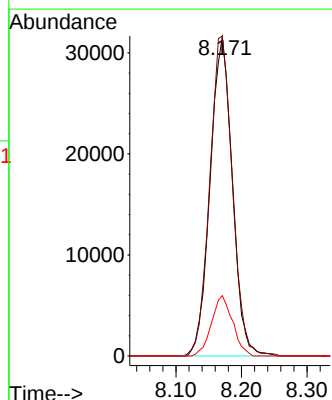
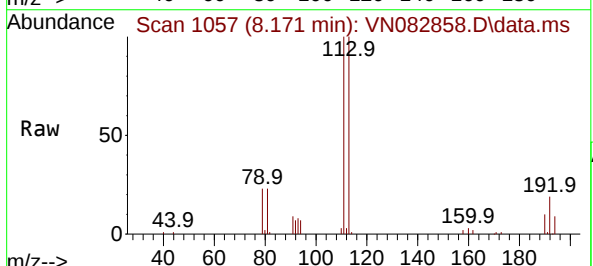
Tgt Ion:113 Resp: 74484

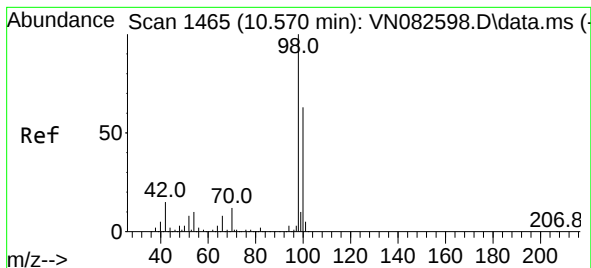
Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 17.9 14.9 22.3





#50

Toluene-d8

Concen: 49.851 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082858.D

Acq: 10 Jul 2024 16:26

Instrument :

MSVOA_N

ClientSampleId :

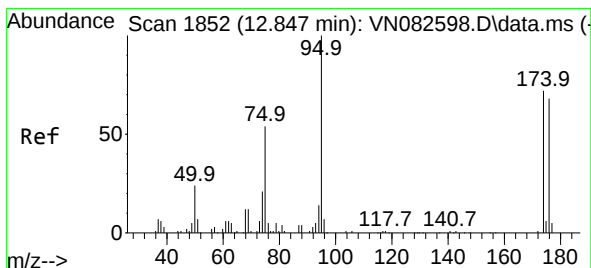
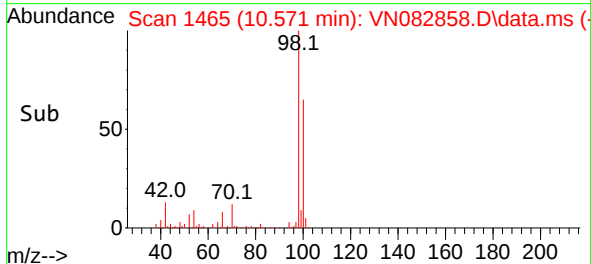
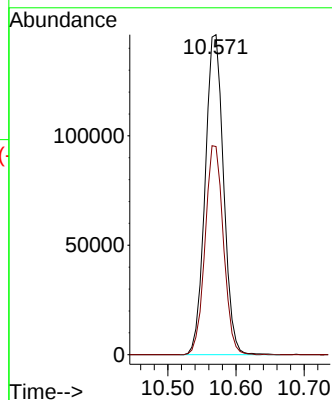
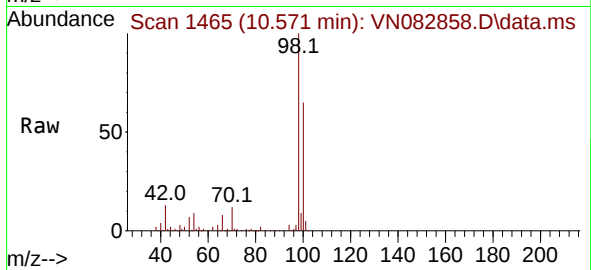
IBLK

Tgt Ion: 98 Resp: 274740

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 54.506 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082858.D

Acq: 10 Jul 2024 16:26

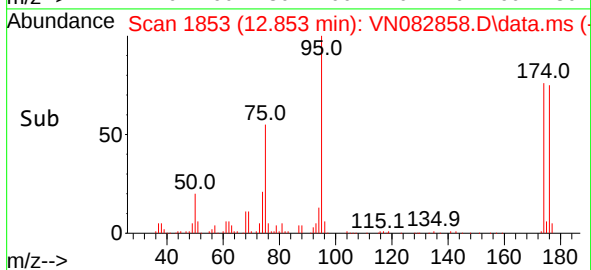
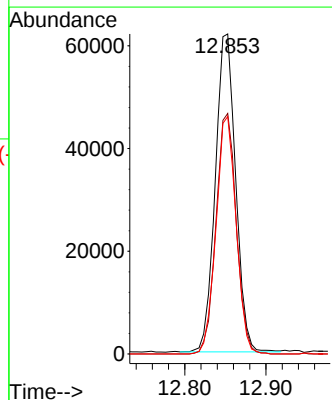
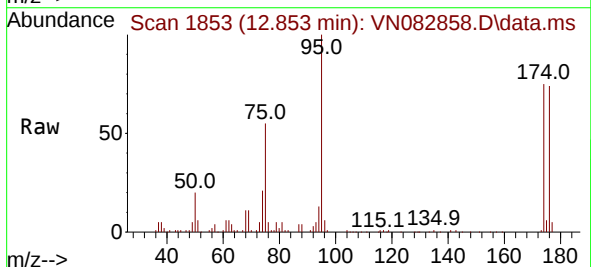
Tgt Ion: 95 Resp: 107903

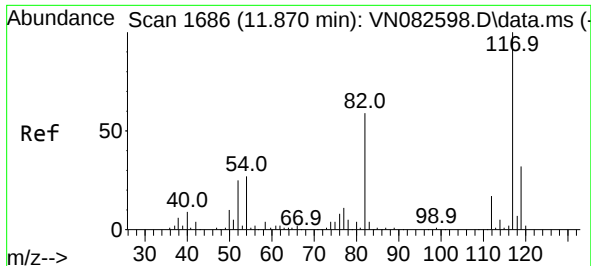
Ion Ratio Lower Upper

95 100

174 75.5 0.0 159.2

176 73.5 0.0 147.6

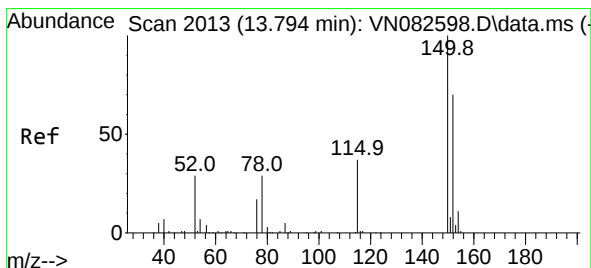
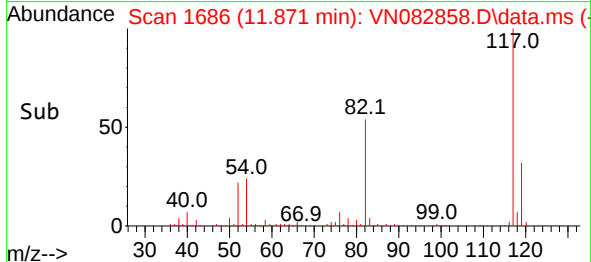
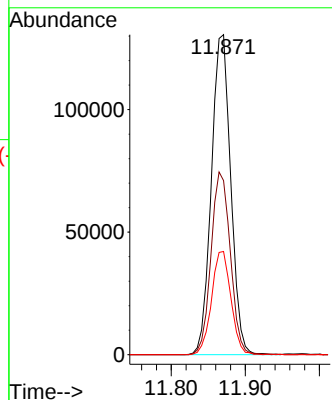
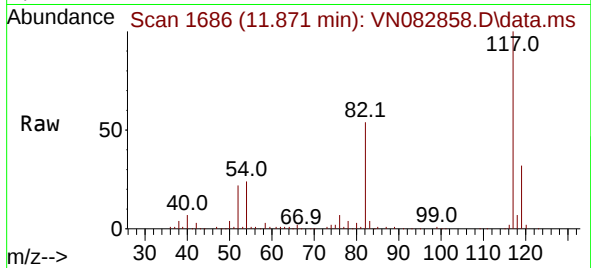




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082858.D
Acq: 10 Jul 2024 16:26

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 236744
Ion Ratio Lower Upper
117 100
82 54.4 47.5 71.3
119 32.3 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: VN082858.D
Acq: 10 Jul 2024 16:26

Tgt Ion:152 Resp: 108481
Ion Ratio Lower Upper
152 100
115 60.8 30.6 91.6
150 160.1 0.0 348.6

