

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082837.D
 Acq On : 09 Jul 2024 14:09
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 10 01:20:26 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	101613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	190318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	178201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76633	53.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.600%
35) Dibromofluoromethane	8.171	113	62354	51.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.120%
50) Toluene-d8	10.571	98	215712	47.824	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.853	95	70786	43.689	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.380%

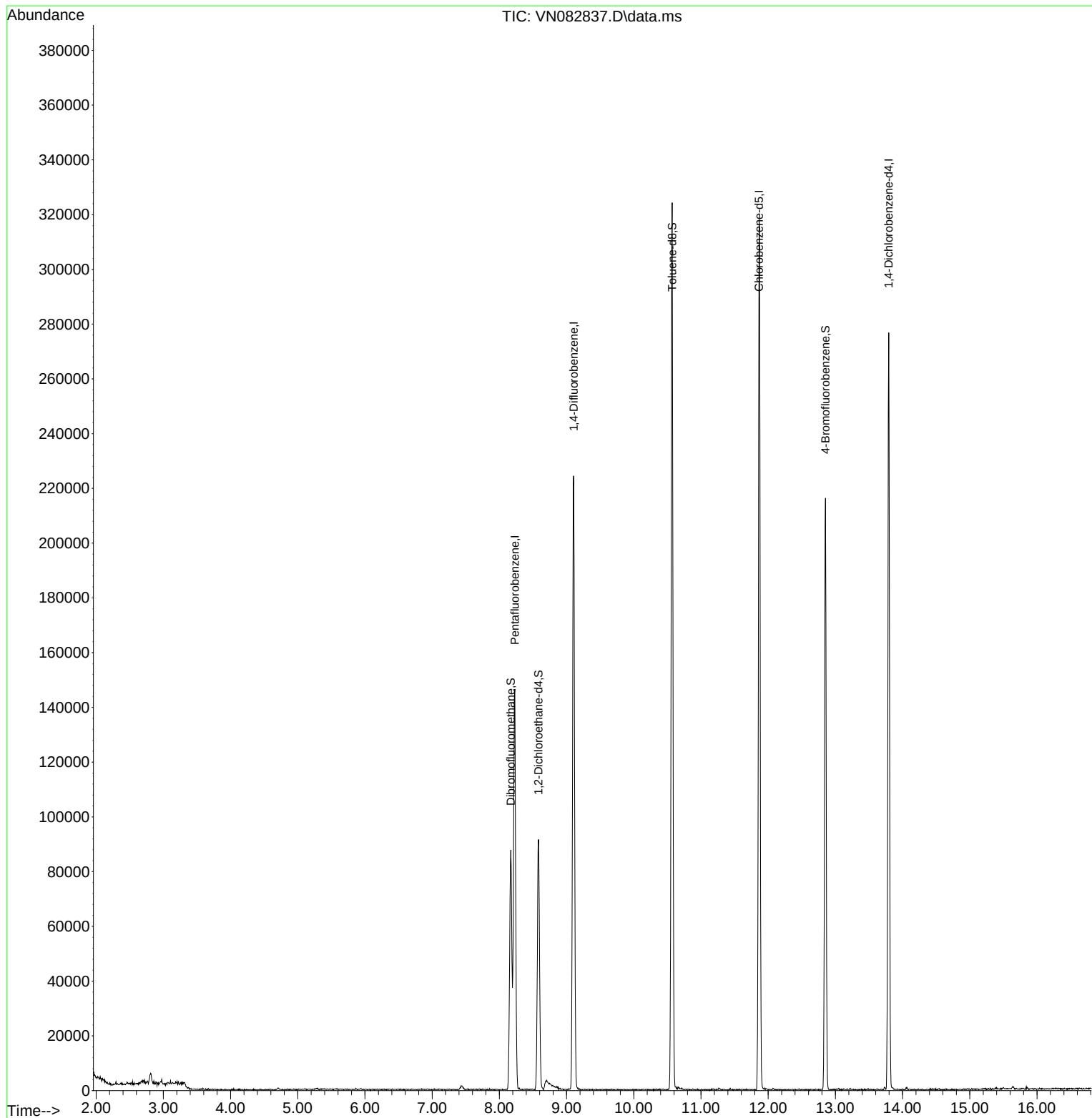
Target Compounds	Qvalue

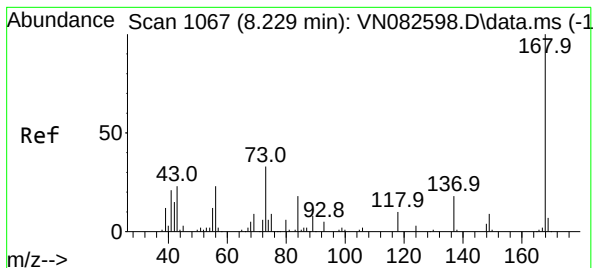
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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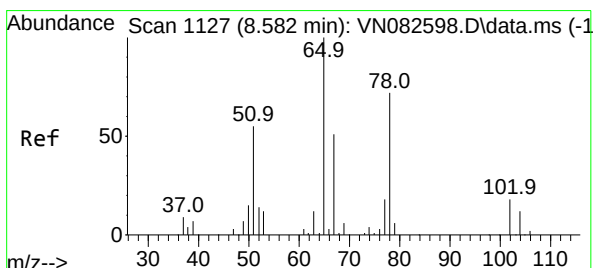
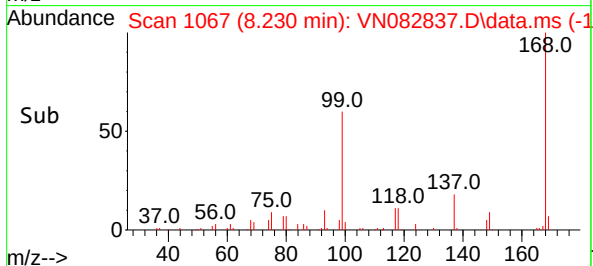
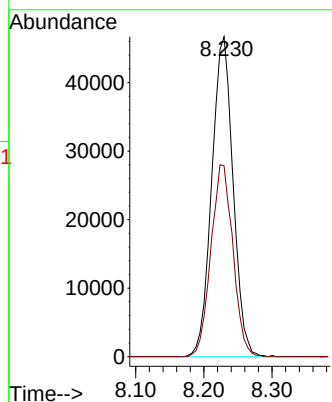
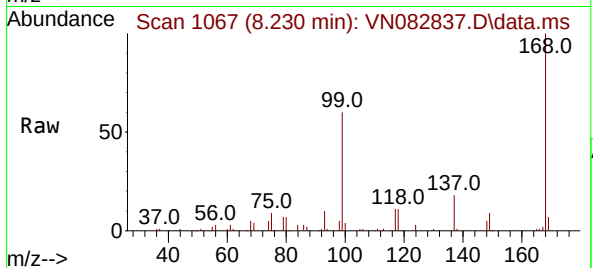




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

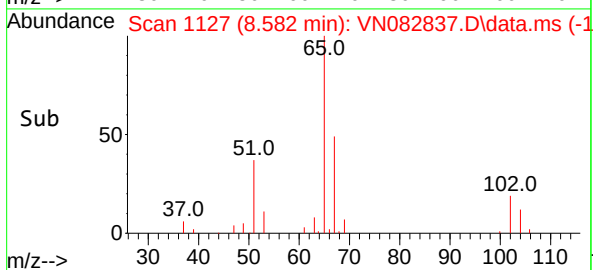
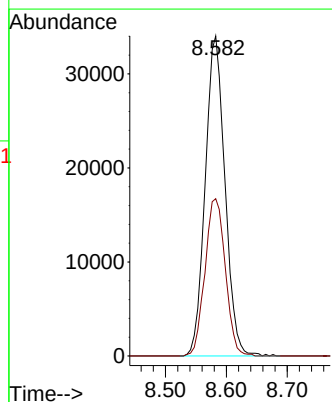
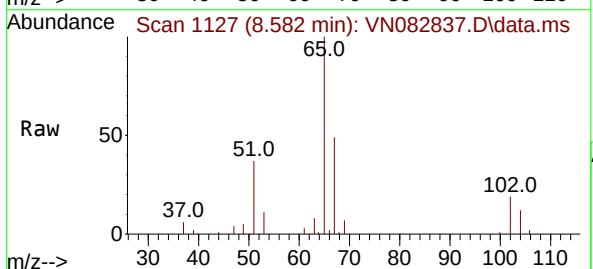
Instrument :
MSVOA_N
ClientSampleId :
IBLK

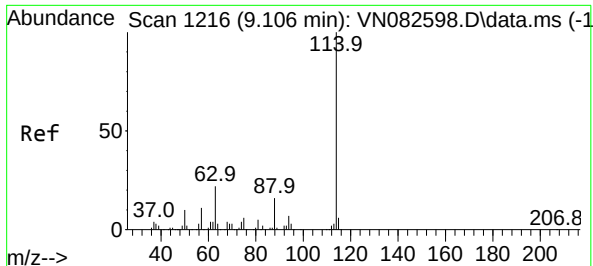
Tgt Ion:168 Resp: 101613
Ion Ratio Lower Upper
168 100
99 59.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.800 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Tgt Ion: 65 Resp: 76633
Ion Ratio Lower Upper
65 100
67 50.7 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: VN082837.D

Acq: 09 Jul 2024 14:09

Instrument :

MSVOA_N

ClientSampleId :

IBLK

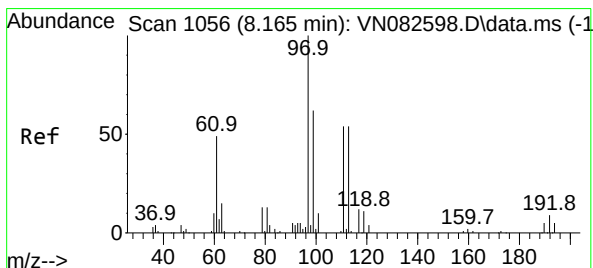
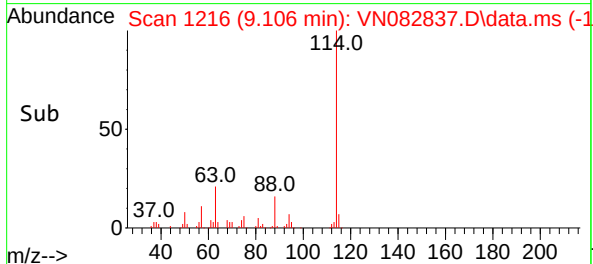
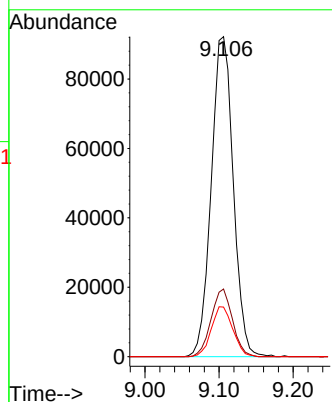
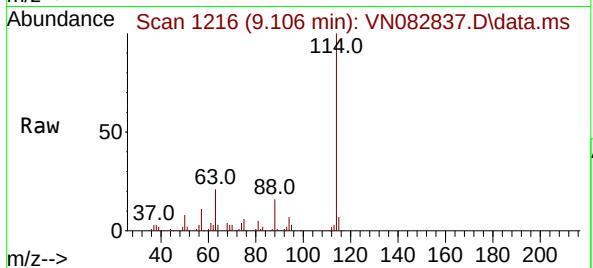
Tgt Ion:114 Resp: 190318

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.059 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082837.D

Acq: 09 Jul 2024 14:09

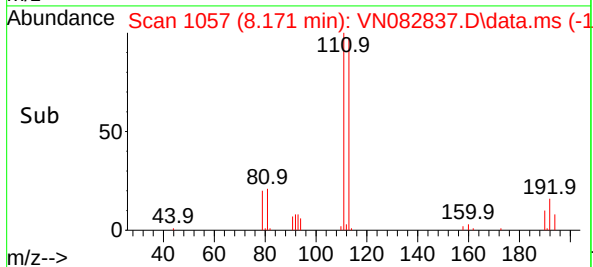
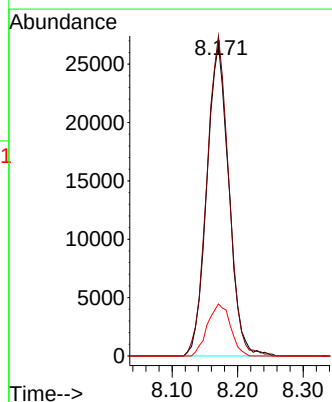
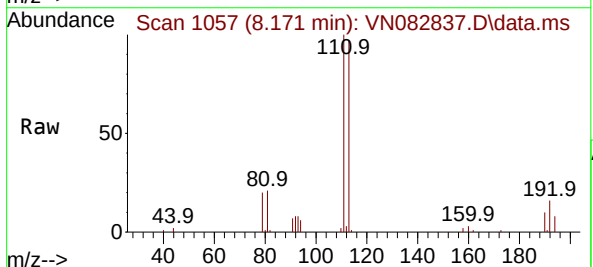
Tgt Ion:113 Resp: 62354

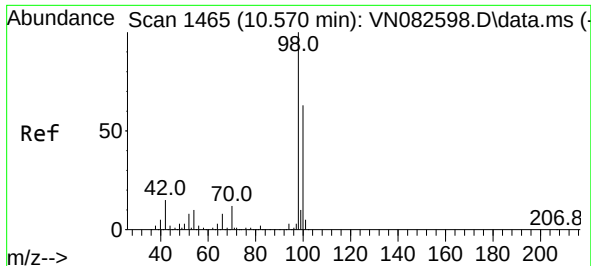
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 17.3 14.9 22.3

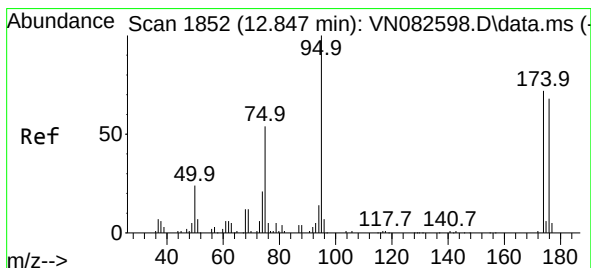
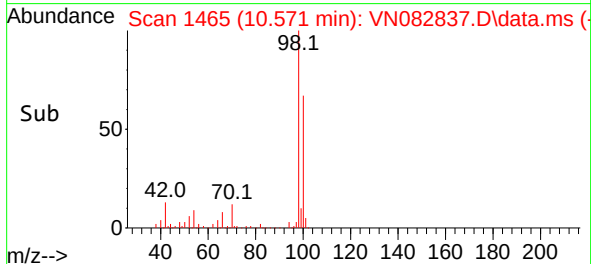
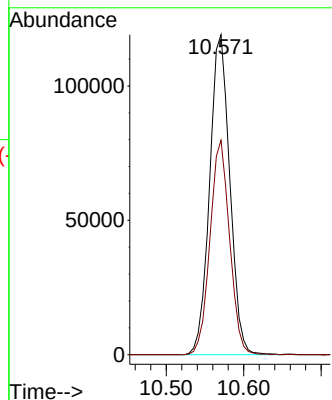
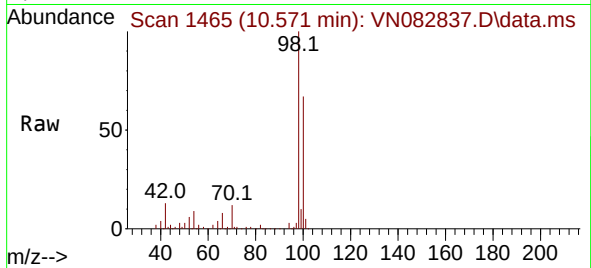




#50
Toluene-d8
Concen: 47.824 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

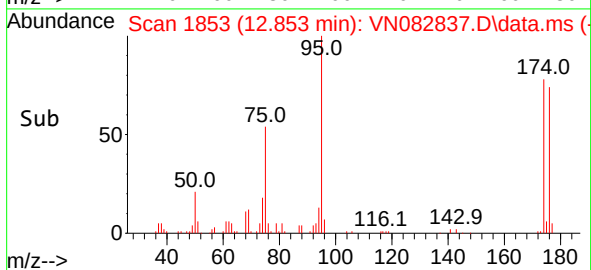
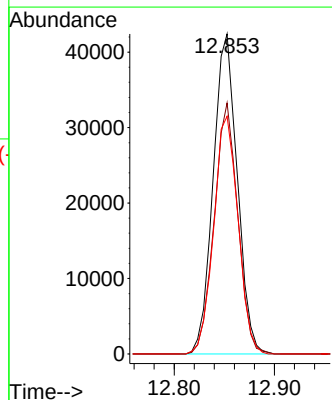
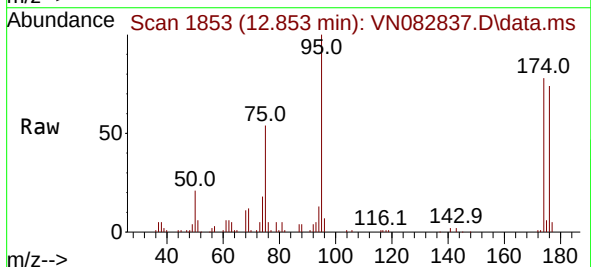
Instrument :
MSVOA_N
ClientSampleId :
IBLK

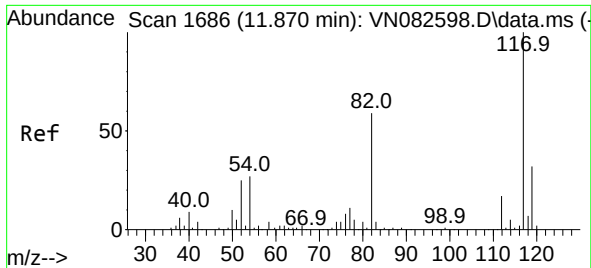
Tgt Ion: 98 Resp: 215712
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 43.689 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Tgt Ion: 95 Resp: 70786
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.2
176 74.9 0.0 147.6

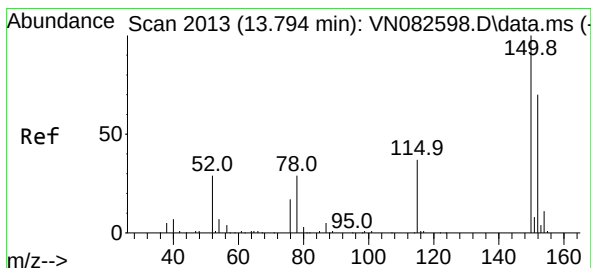
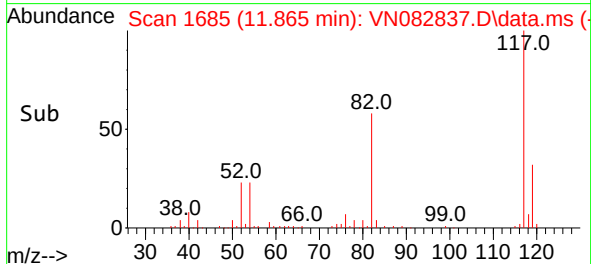
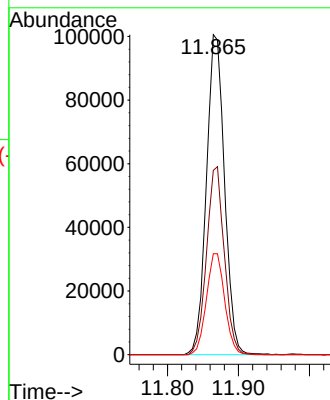
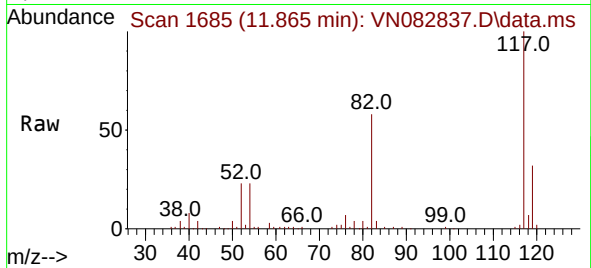




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082837.D
Acq: 09 Jul 2024 14:09

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 178201
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 31.6 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: VN082837.D
Acq: 09 Jul 2024 14:09

Tgt Ion:152 Resp: 72541
Ion Ratio Lower Upper
152 100
115 61.1 30.6 91.6
150 156.9 0.0 348.6

