

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082568.D
 Acq On : 13 Jun 2024 18:46
 Operator : JC\MD
 Sample : P2840-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20240610

Quant Time: Jun 14 02:34:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	158217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	284834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116830	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134557	53.860	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.720%
35) Dibromofluoromethane	8.171	113	98240	53.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.300%
50) Toluene-d8	10.571	98	354911	50.555	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.853	95	115418	46.062	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.120%

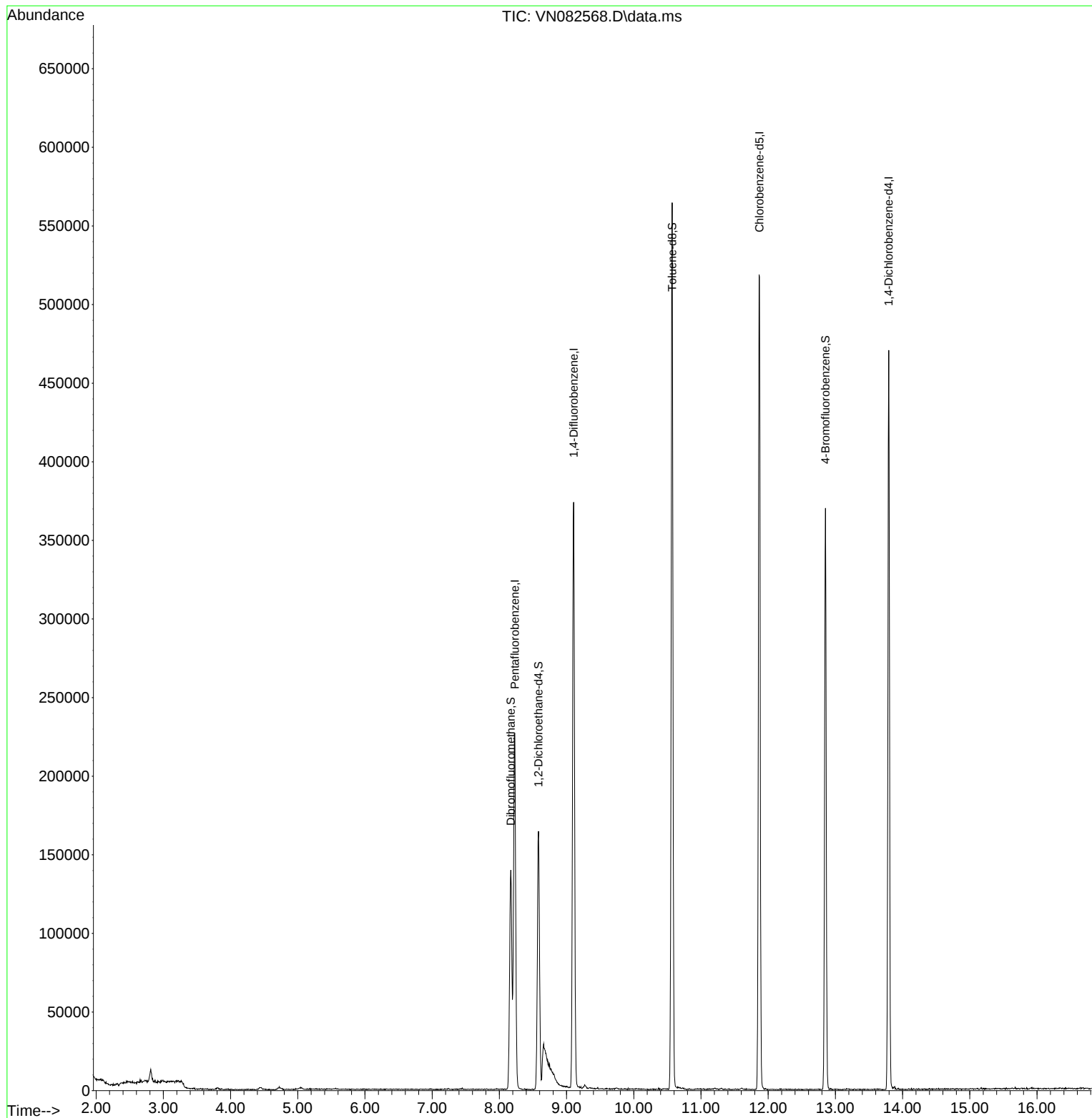
Target Compounds	Qvalue

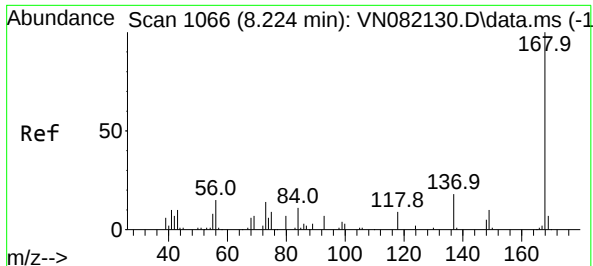
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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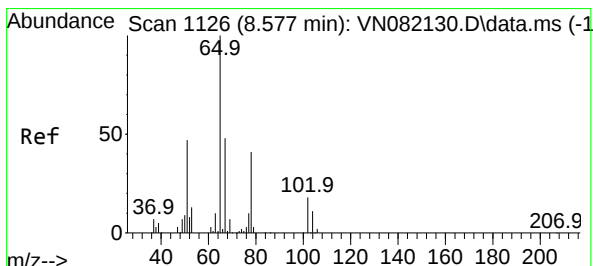
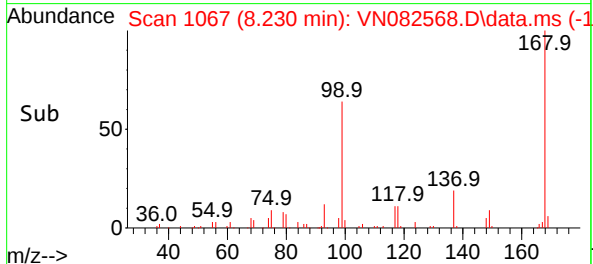
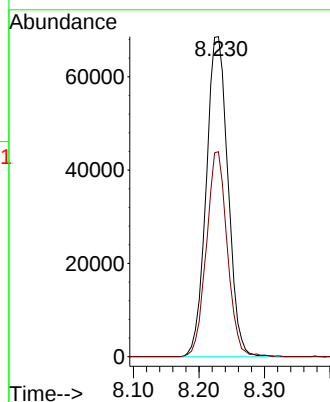
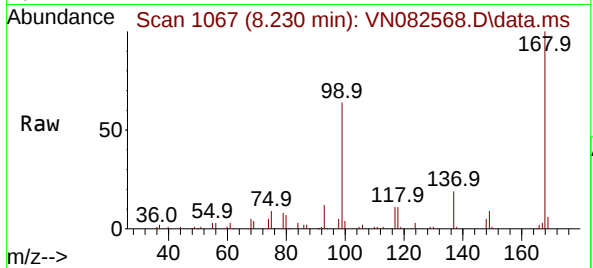




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082568.D
Acq: 13 Jun 2024 18:46

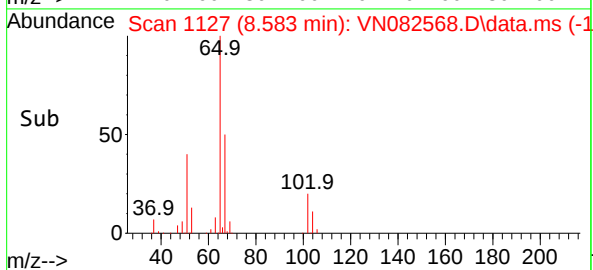
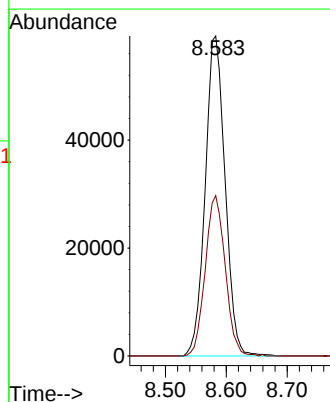
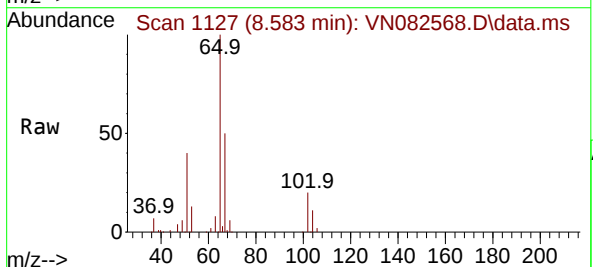
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20240610

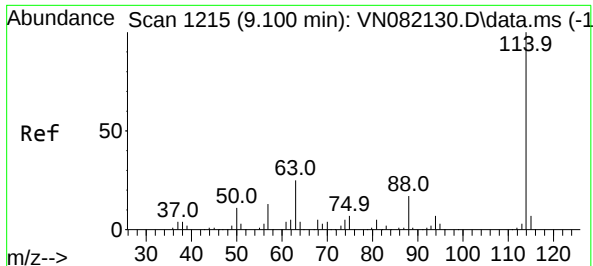
Tgt Ion:168 Resp: 158217
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.860 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082568.D
Acq: 13 Jun 2024 18:46

Tgt Ion: 65 Resp: 134557
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082568.D

Acq: 13 Jun 2024 18:46

Instrument :

MSVOA_N

ClientSampleId :

DUP02-20240610

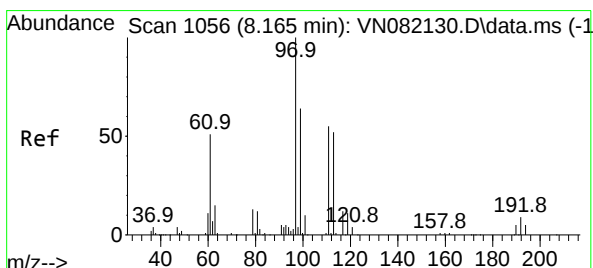
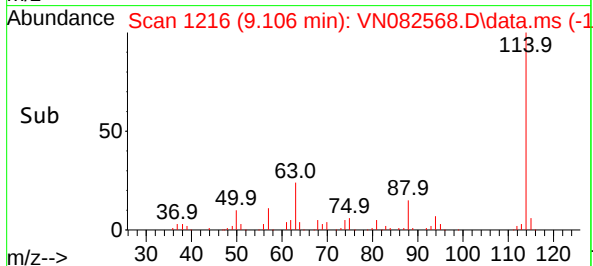
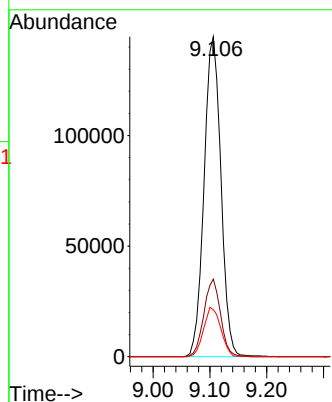
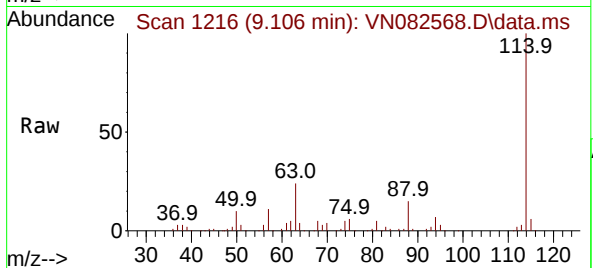
Tgt Ion:114 Resp: 297663

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 14.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.651 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082568.D

Acq: 13 Jun 2024 18:46

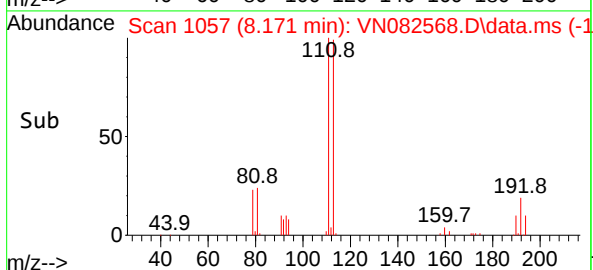
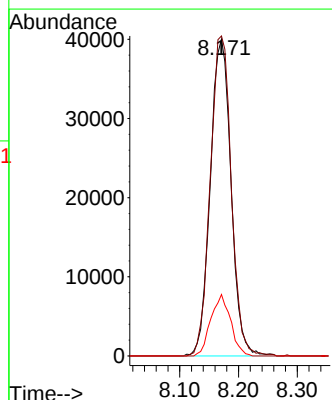
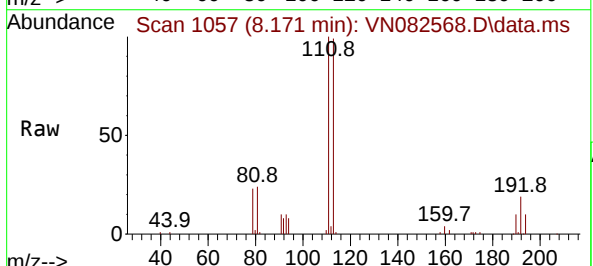
Tgt Ion:113 Resp: 98240

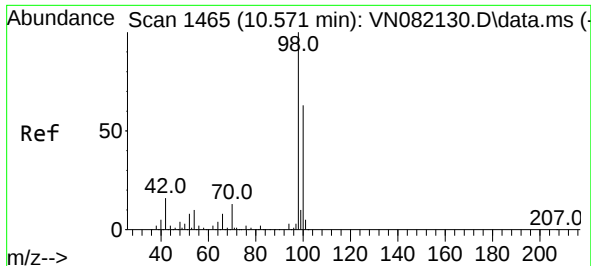
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.2

192 18.5 14.0 21.0

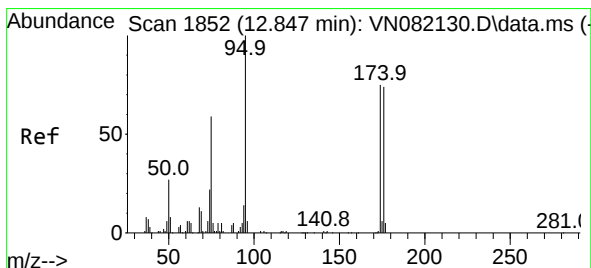
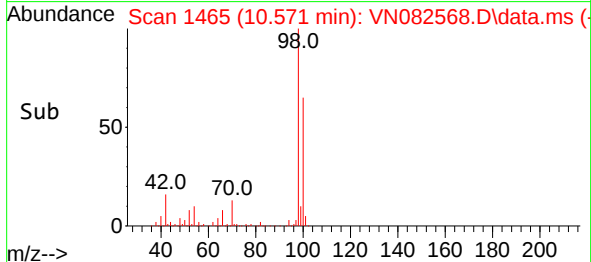
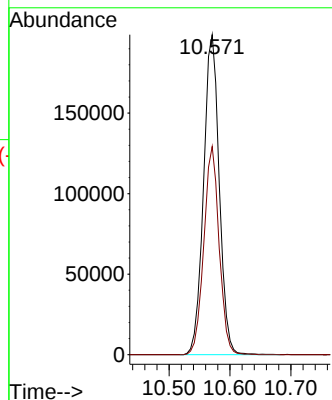
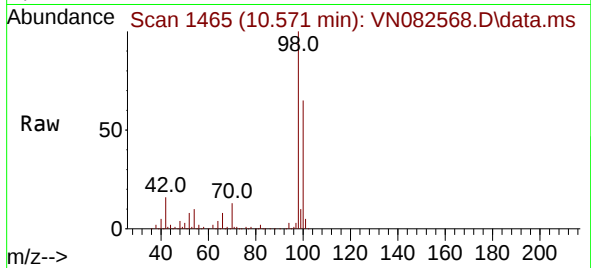




#50
Toluene-d8
Concen: 50.555 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082568.D
Acq: 13 Jun 2024 18:46

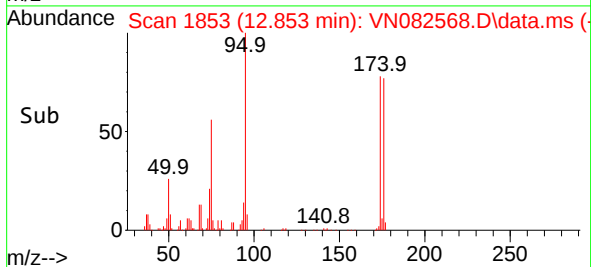
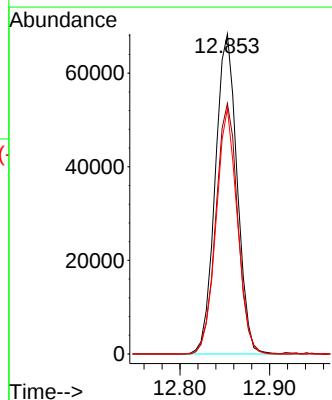
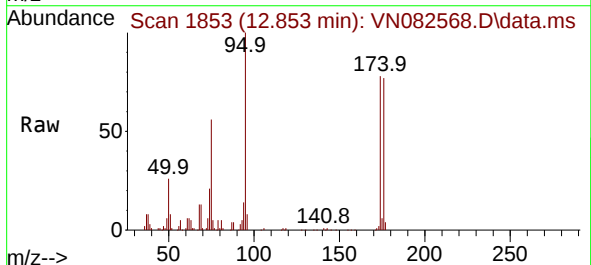
Instrument :
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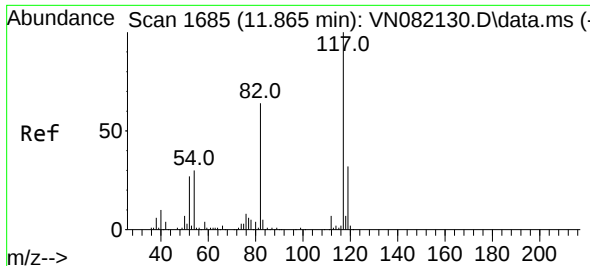
Tgt Ion: 98 Resp: 354911
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.062 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082568.D
Acq: 13 Jun 2024 18:46

Tgt Ion: 95 Resp: 115418
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.6
176 74.7 0.0 152.8

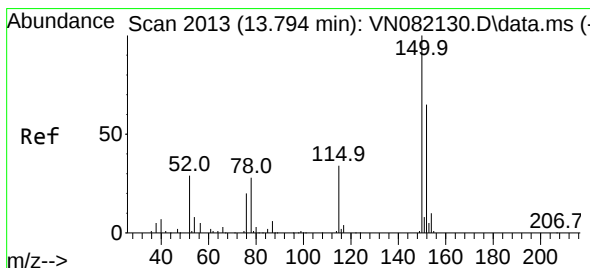
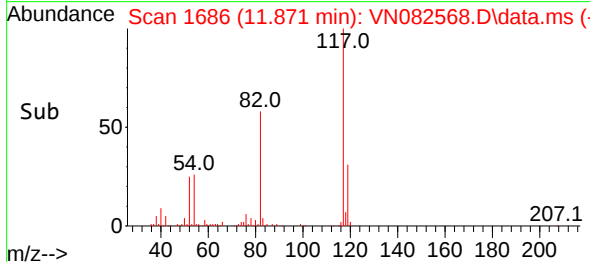
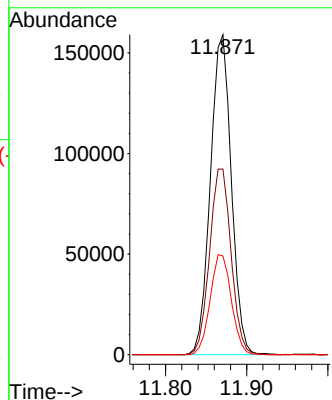
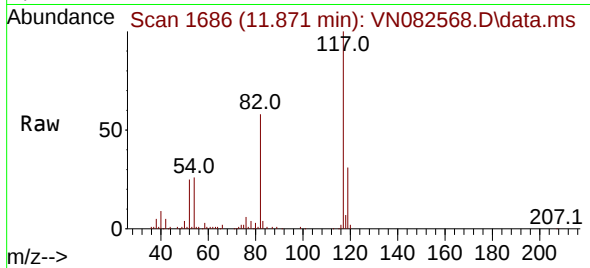




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082568.D
Acq: 13 Jun 2024 18:46

Instrument :
MSVOA_N
ClientSampleId :
DUP02-20240610

Tgt Ion:117 Resp: 284834
Ion Ratio Lower Upper
117 100
82 58.0 44.6 66.8
119 30.8 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: VN082568.D
Acq: 13 Jun 2024 18:46

Tgt Ion:152 Resp: 116830
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.3
150 156.7 0.0 353.2

