

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082551.D
 Acq On : 13 Jun 2024 11:54
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 14 02:26:08 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	8.224	168	164820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	297413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126328	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143509	55.142	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.280%
35) Dibromofluoromethane	8.171	113	106688	57.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.560%
50) Toluene-d8	10.571	98	395452	55.863	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.720%
62) 4-Bromofluorobenzene	12.847	95	131619	52.092	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	104.180%

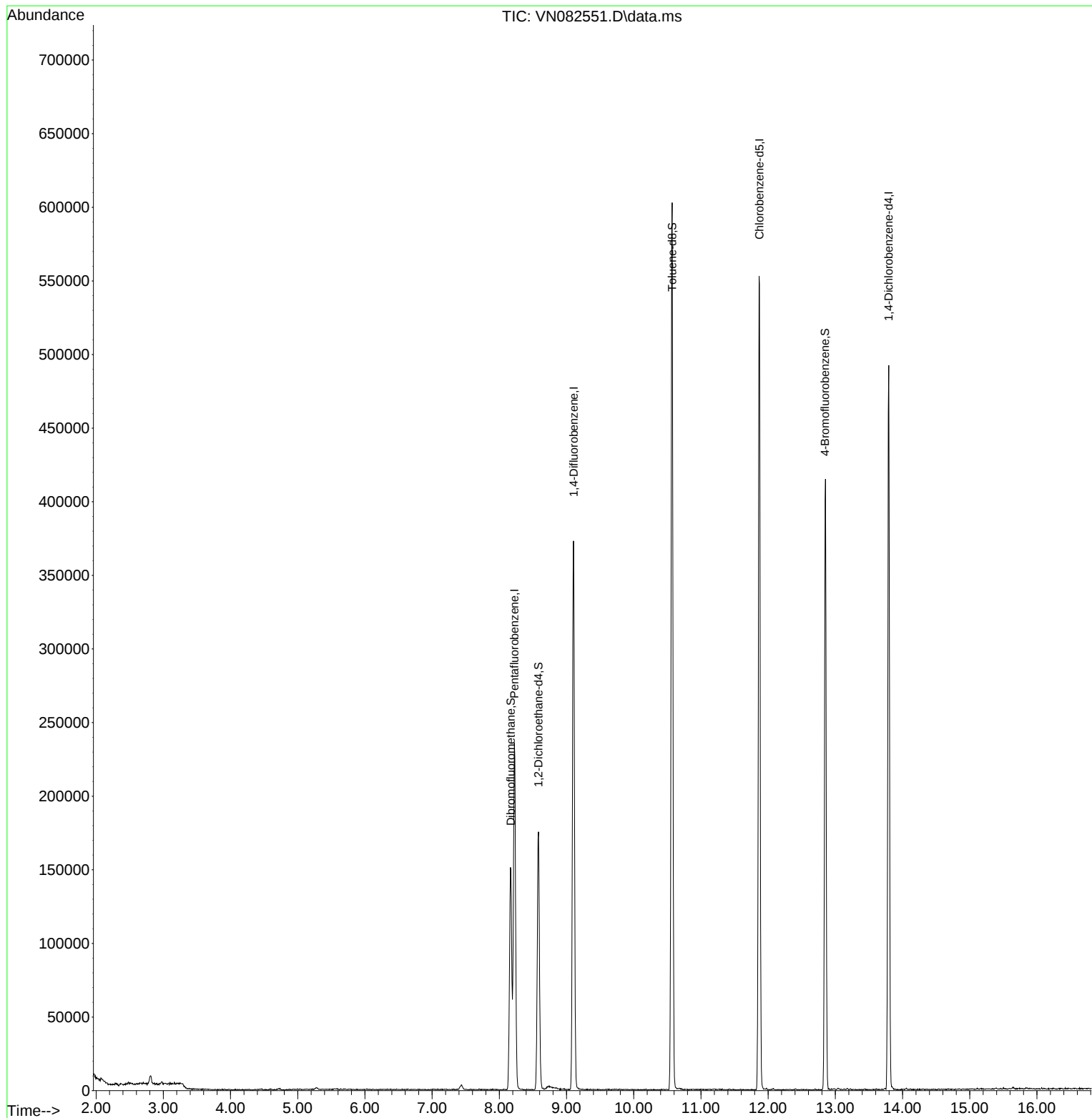
Target Compounds	Qvalue

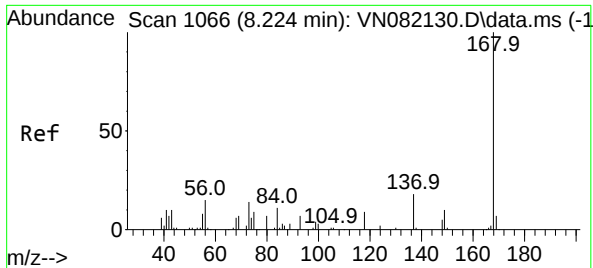
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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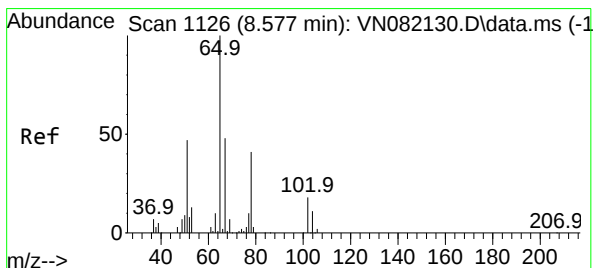
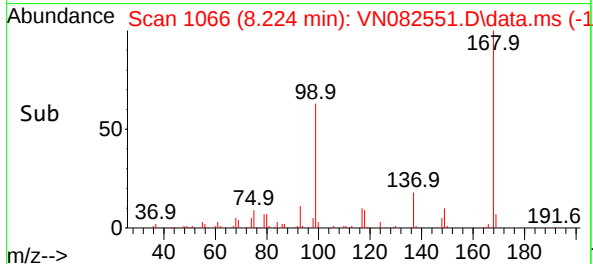
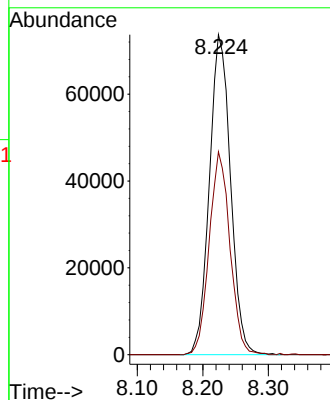
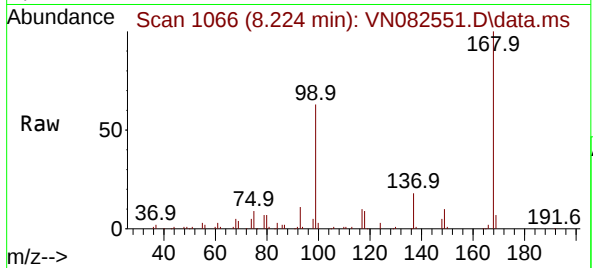




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082551.D
Acq: 13 Jun 2024 11:54

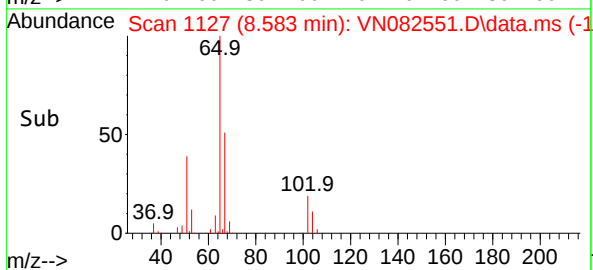
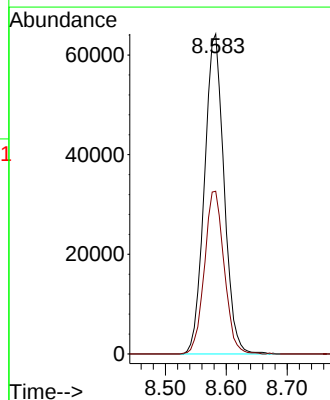
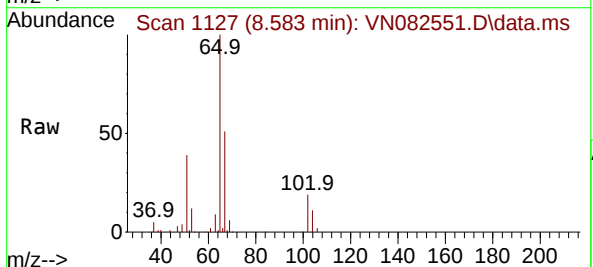
Instrument :
MSVOA_N
ClientSampleId :
IBLK

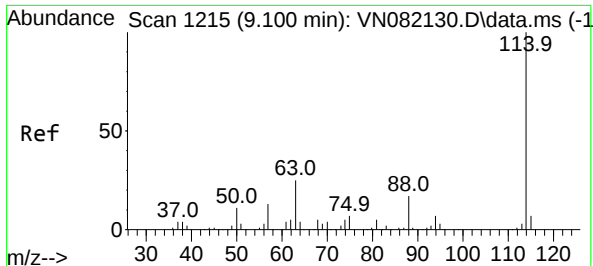
Tgt Ion:168 Resp: 164820
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.142 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082551.D
Acq: 13 Jun 2024 11:54

Tgt Ion: 65 Resp: 143509
Ion Ratio Lower Upper
65 100
67 51.3 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: VN082551.D

Acq: 13 Jun 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

IBLK

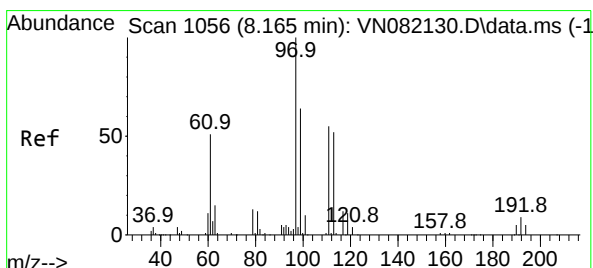
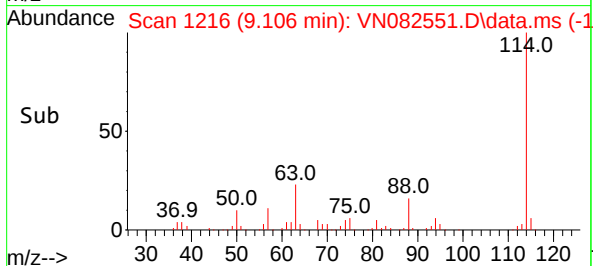
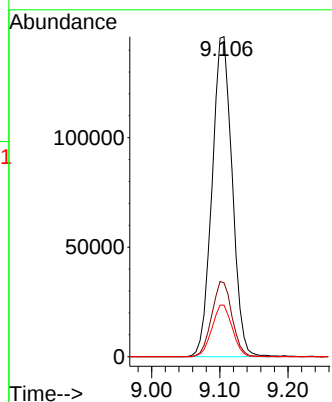
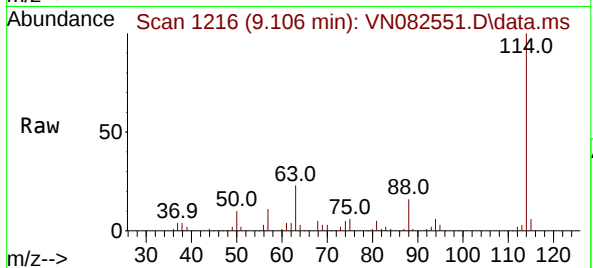
Tgt Ion:114 Resp: 300154

Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 16.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 57.781 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082551.D

Acq: 13 Jun 2024 11:54

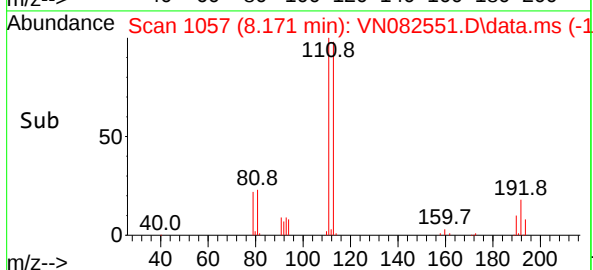
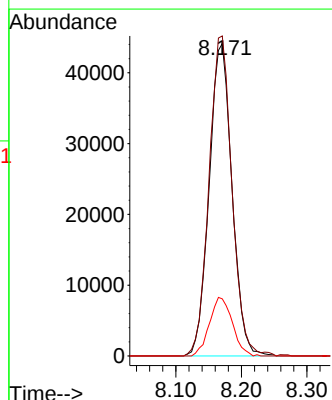
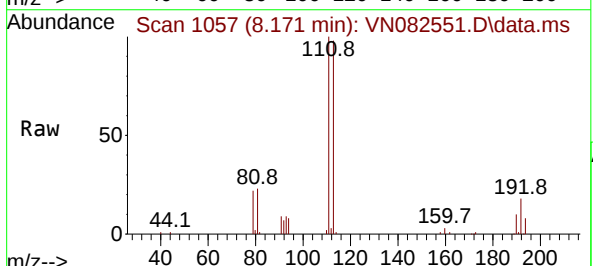
Tgt Ion:113 Resp: 106688

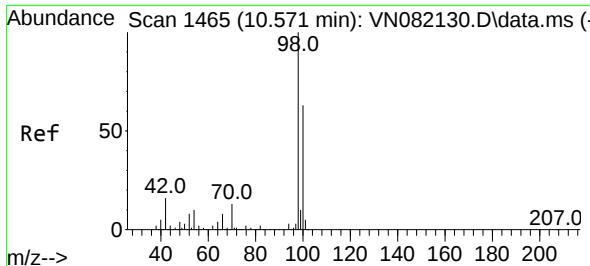
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 18.8 14.0 21.0

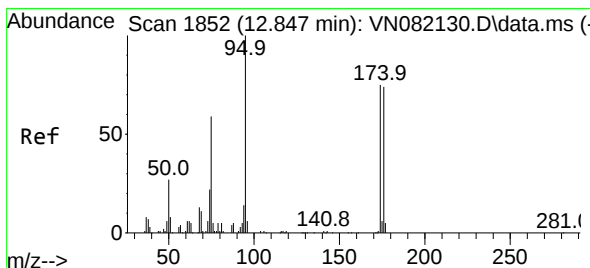
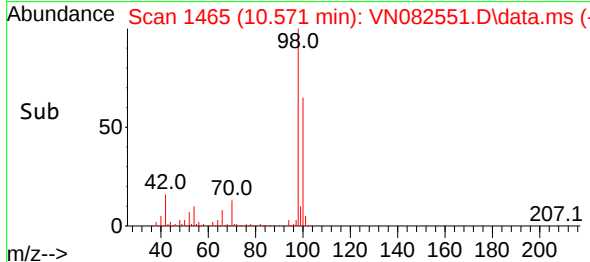
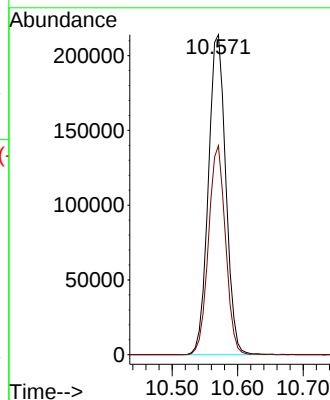
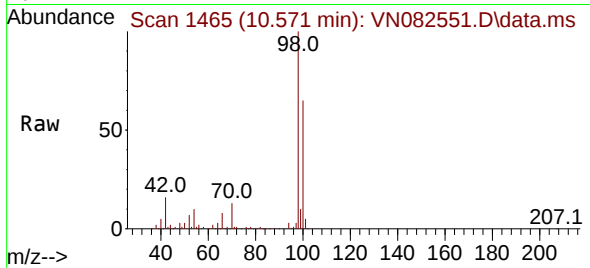




#50
Toluene-d8
Concen: 55.863 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082551.D
Acq: 13 Jun 2024 11:54

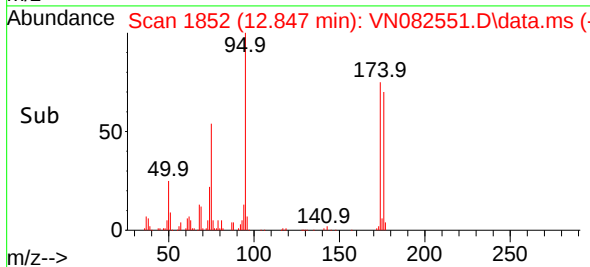
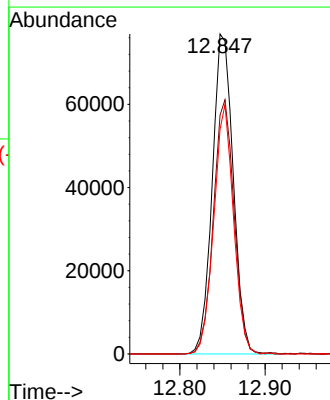
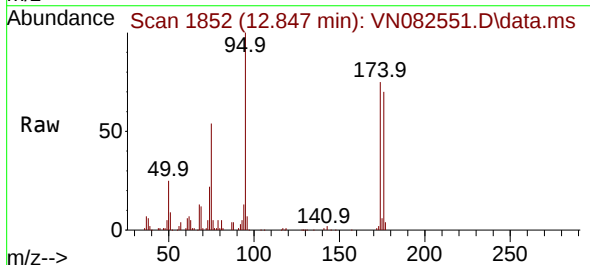
Instrument :
MSVOA_N
ClientSampleId :
IBLK

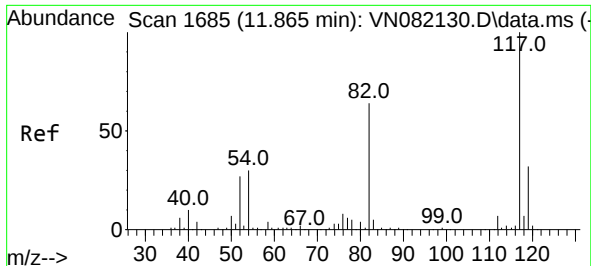
Tgt Ion: 98 Resp: 395452
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.092 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082551.D
Acq: 13 Jun 2024 11:54

Tgt Ion: 95 Resp: 131619
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.6
176 73.4 0.0 152.8

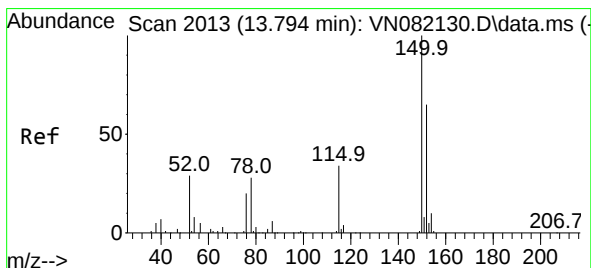
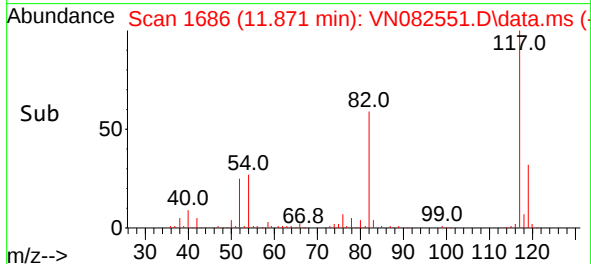
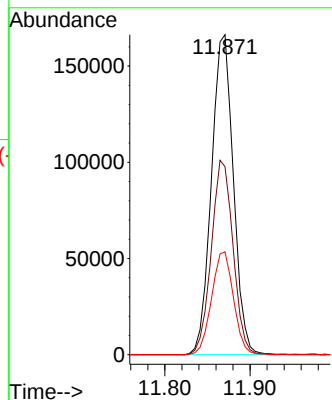
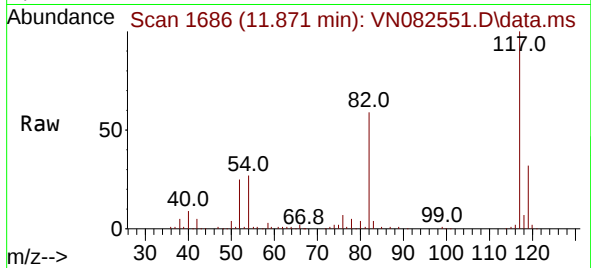




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082551.D
Acq: 13 Jun 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 297413
Ion Ratio Lower Upper
117 100
82 58.8 44.6 66.8
119 32.1 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: VN082551.D
Acq: 13 Jun 2024 11:54

Tgt Ion:152 Resp: 126328
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.3
150 155.0 0.0 353.2

