

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082681.D
 Acq On : 21 Jun 2024 16:32
 Operator : JC\MD
 Sample : P3004-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-062024

Quant Time: Jun 24 02:14:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	143328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	252386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101282	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117377	51.068	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.140%
35) Dibromofluoromethane	8.171	113	87166	48.999	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	10.570	98	309504	46.007	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.020%
62) 4-Bromofluorobenzene	12.853	95	95866	41.334	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	82.660%

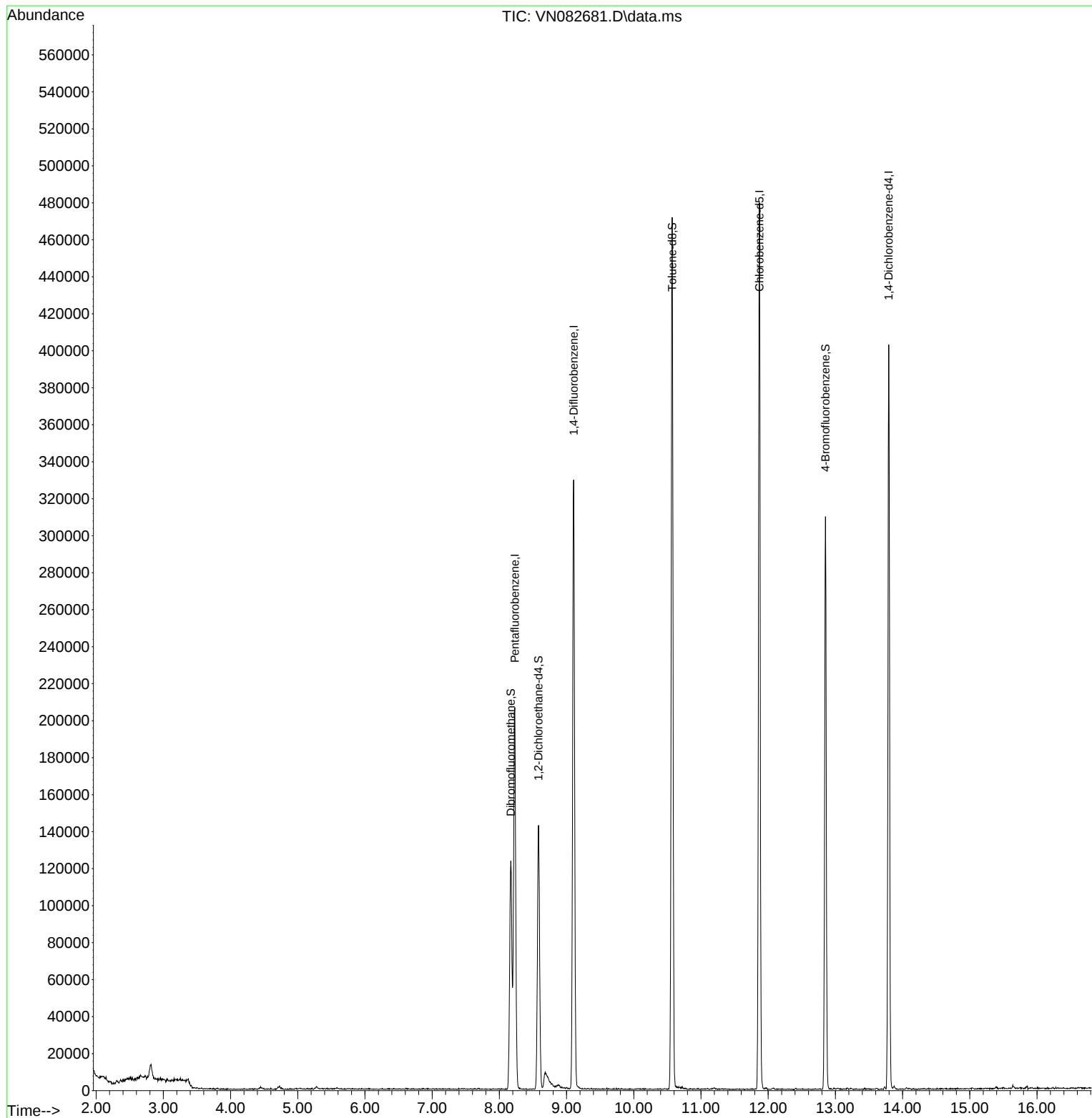
Target Compounds	Qvalue

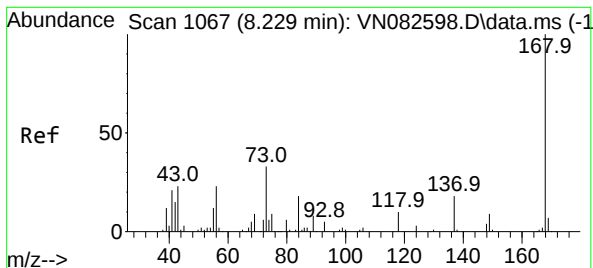
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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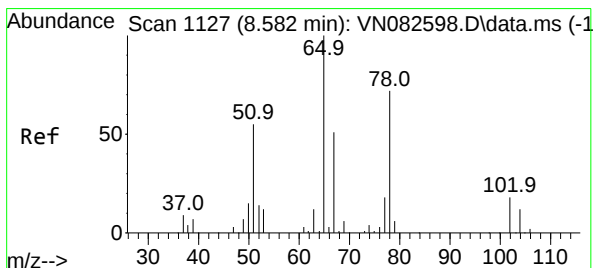
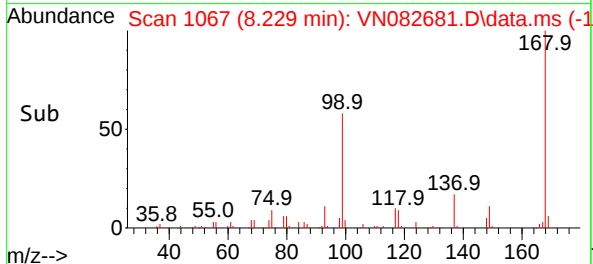
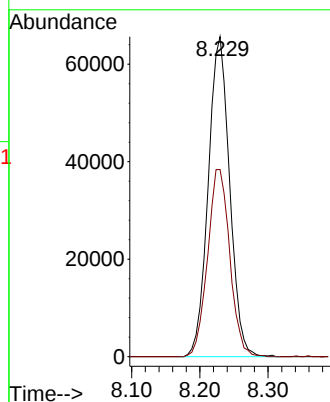
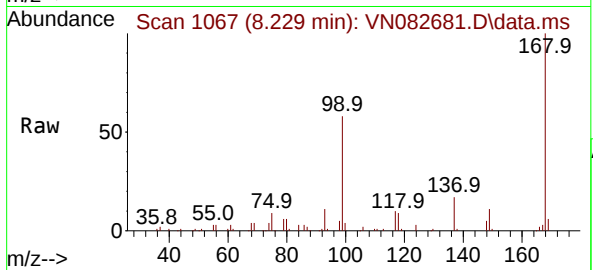




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN082681.D
Acq: 21 Jun 2024 16:32

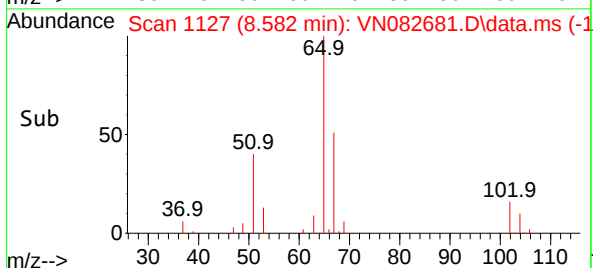
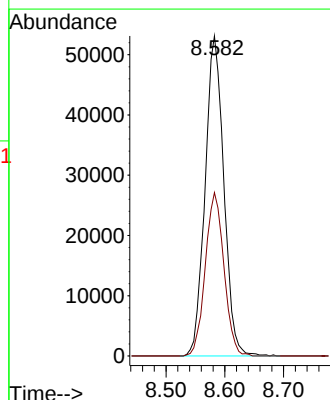
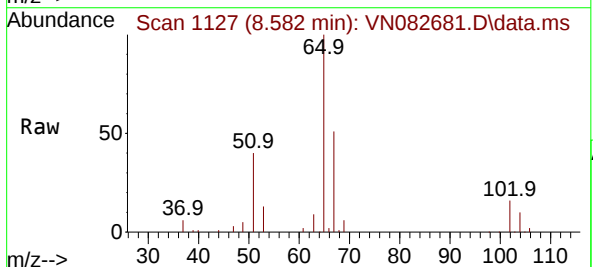
Instrument :
MSVOA_N
ClientSampleId :
TB-01-062024

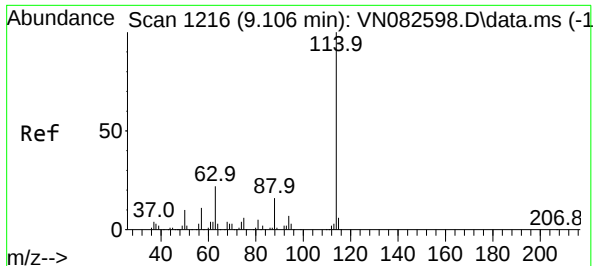
Tgt Ion:168 Resp: 143328
Ion Ratio Lower Upper
168 100
99 58.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.068 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082681.D
Acq: 21 Jun 2024 16:32

Tgt Ion: 65 Resp: 117377
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082681.D

Acq: 21 Jun 2024 16:32

Instrument :

MSVOA_N

ClientSampleId :

TB-01-062024

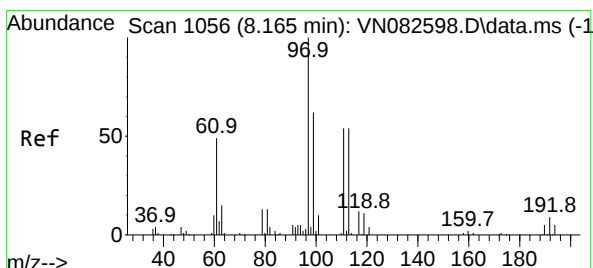
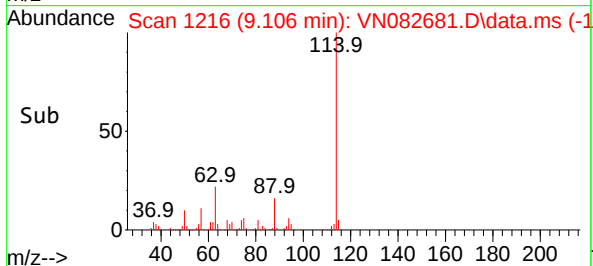
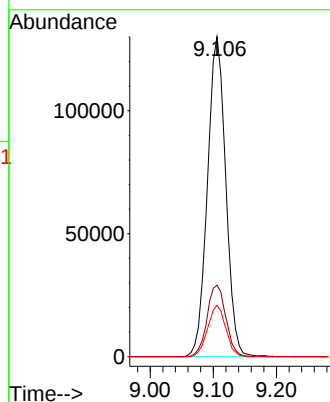
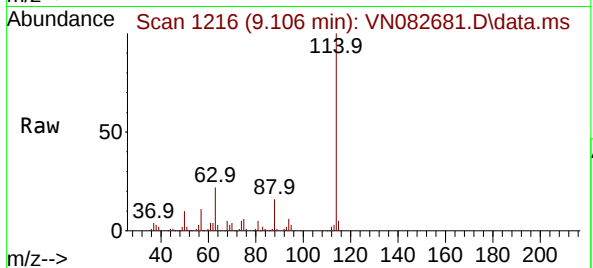
Tgt Ion:114 Resp: 262228

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.999 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082681.D

Acq: 21 Jun 2024 16:32

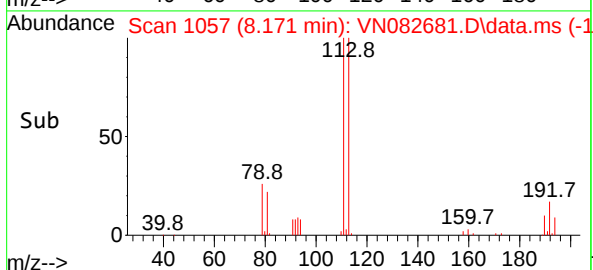
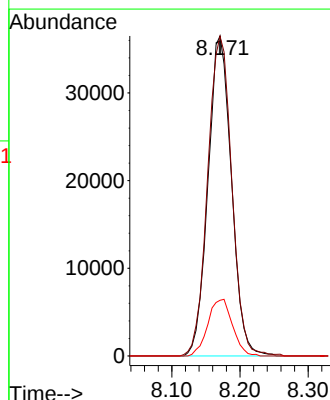
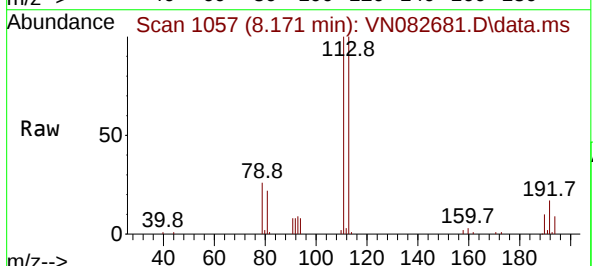
Tgt Ion:113 Resp: 87166

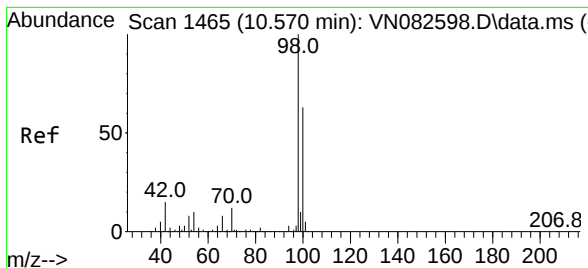
Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 18.6 14.9 22.3





#50

Toluene-d8

Concen: 46.007 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082681.D

Acq: 21 Jun 2024 16:32

Instrument :

MSVOA_N

ClientSampleId :

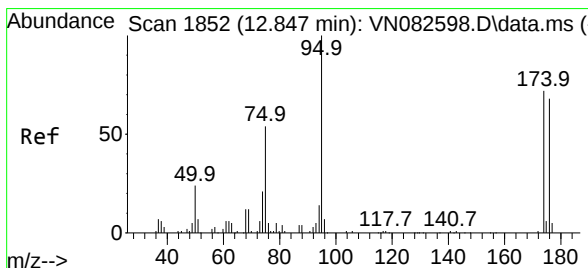
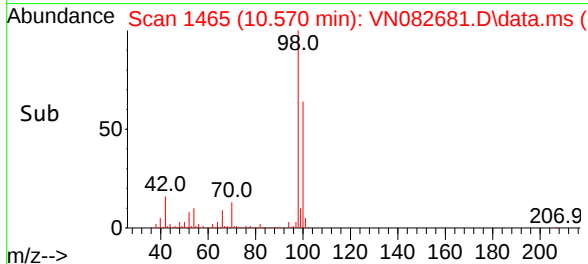
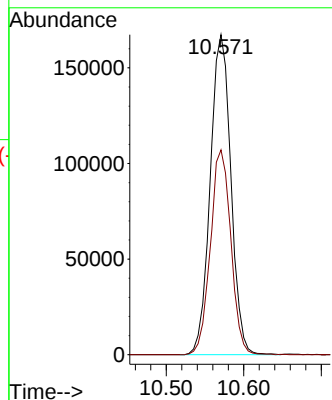
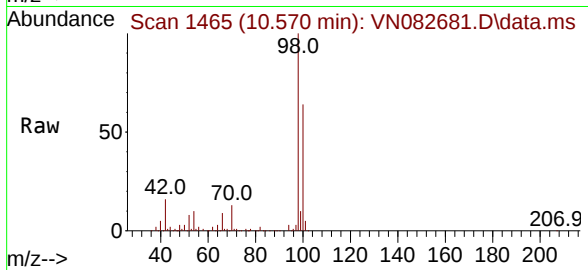
TB-01-062024

Tgt Ion: 98 Resp: 309504

Ion Ratio Lower Upper

98 100

100 63.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 41.334 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082681.D

Acq: 21 Jun 2024 16:32

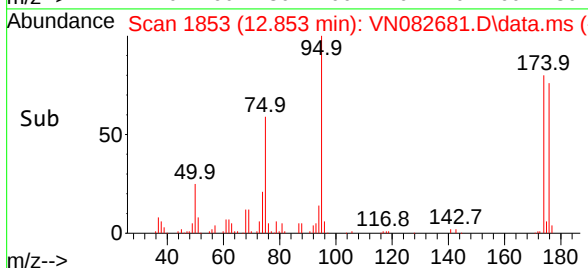
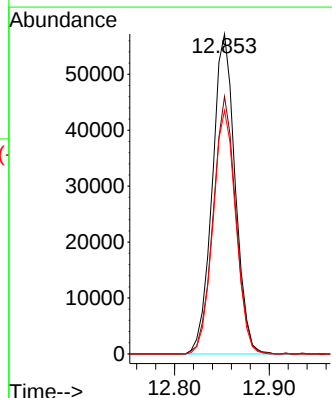
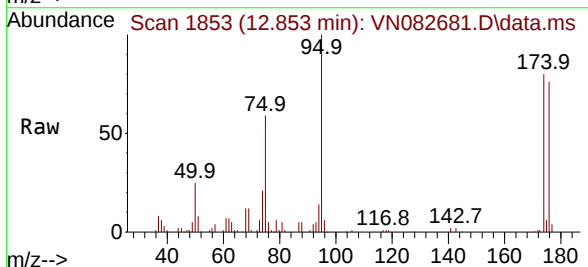
Tgt Ion: 95 Resp: 95866

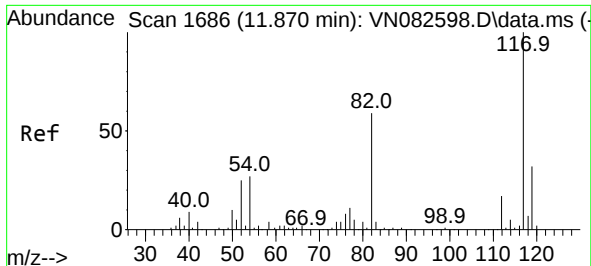
Ion Ratio Lower Upper

95 100

174 79.7 0.0 159.2

176 76.0 0.0 147.6

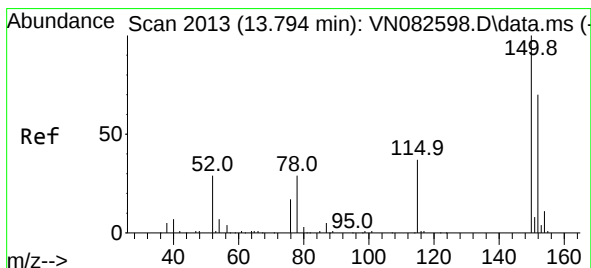
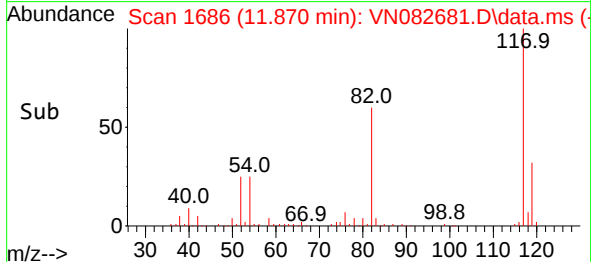
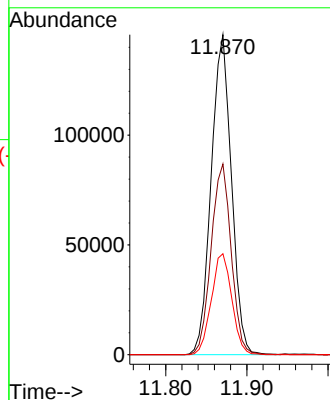
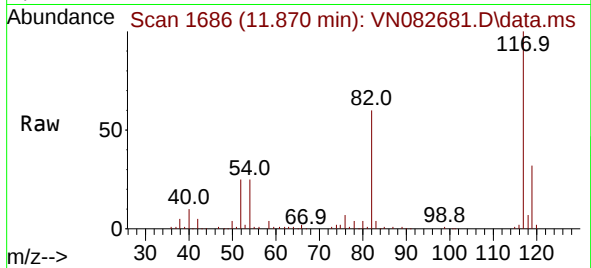




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082681.D
Acq: 21 Jun 2024 16:32

Instrument :
MSVOA_N
ClientSampleId :
TB-01-062024

Tgt Ion:117 Resp: 252386
Ion Ratio Lower Upper
117 100
82 59.6 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: VN082681.D
Acq: 21 Jun 2024 16:32

Tgt Ion:152 Resp: 101282
Ion Ratio Lower Upper
152 100
115 58.6 30.6 91.6
150 156.5 0.0 348.6

