

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082530.D
 Acq On : 12 Jun 2024 15:46
 Operator : JC\MD
 Sample : P2839-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-TB-20240607

Quant Time: Jun 12 16:06:58 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	167379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	296955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134094	50.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.480%
35) Dibromofluoromethane	8.165	113	98325	52.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	10.571	98	364814	50.366	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.853	95	118549	45.856	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.720%

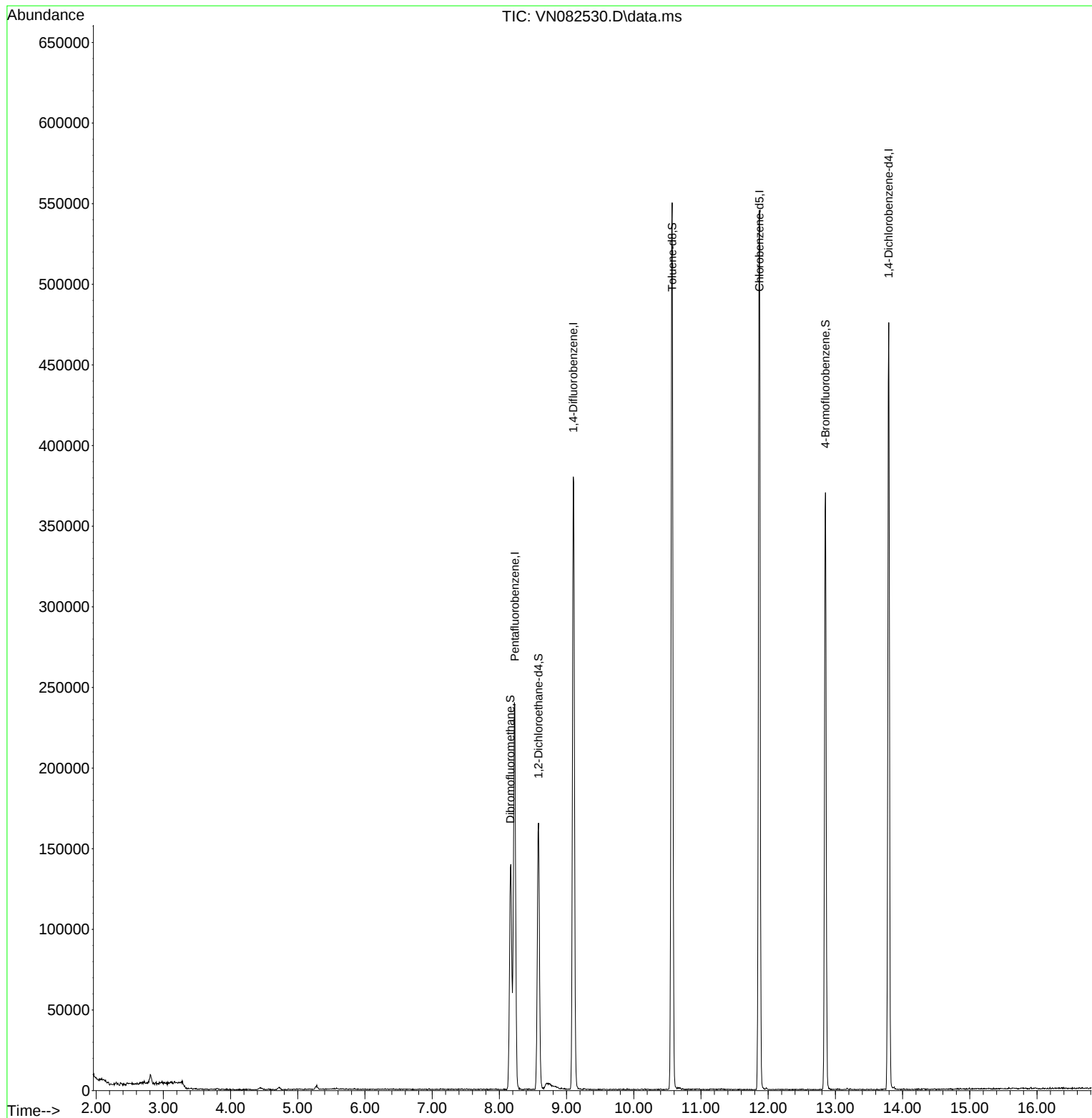
Target Compounds	Qvalue

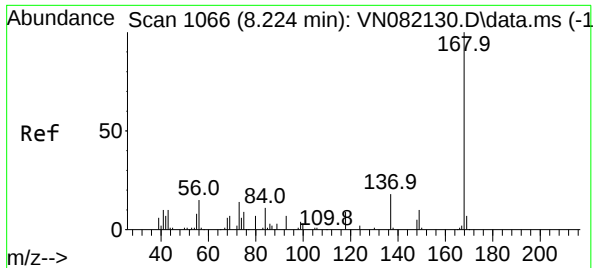
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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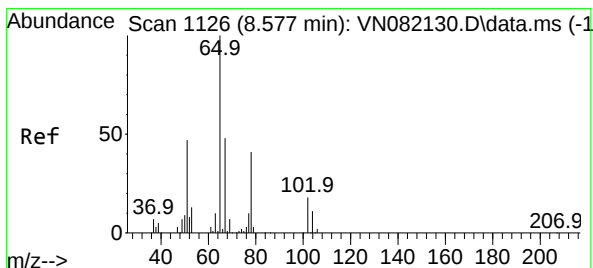
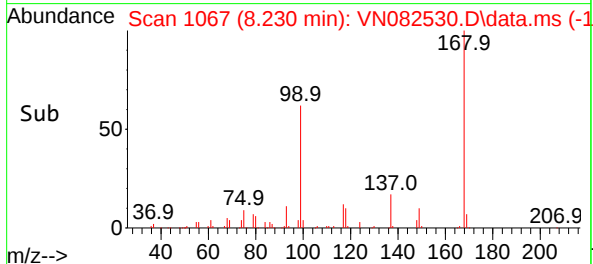
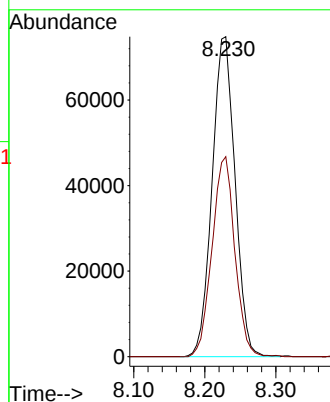
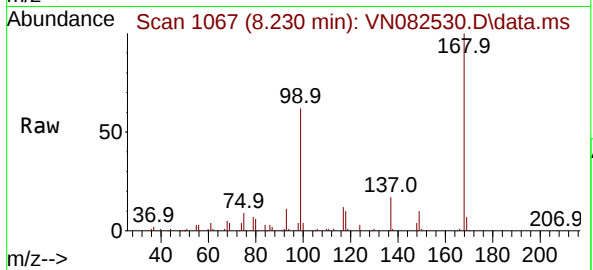




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46

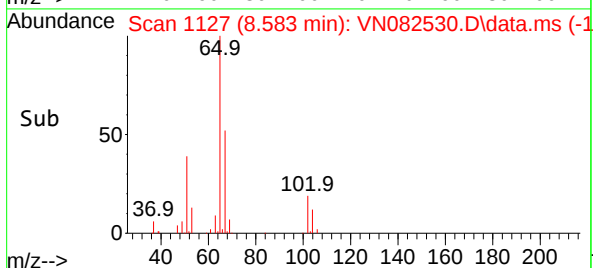
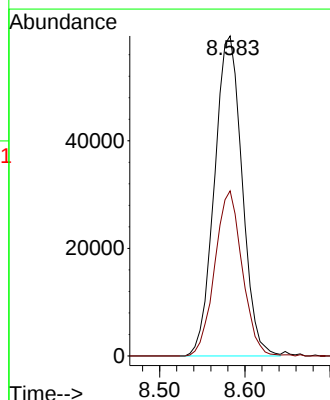
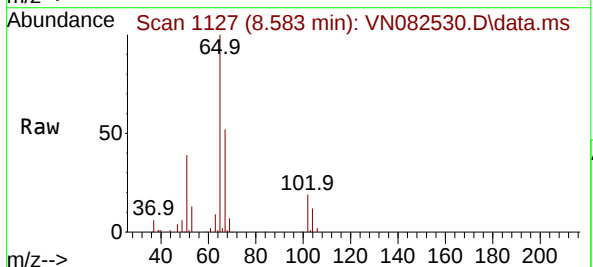
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240607

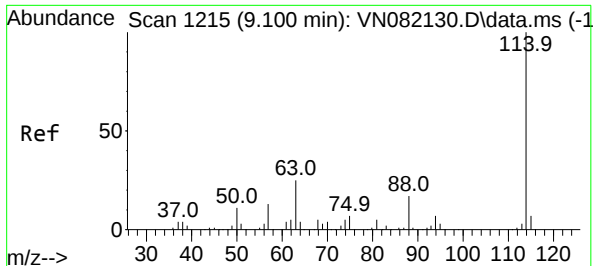
Tgt Ion:168 Resp: 167379
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.736 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46

Tgt Ion: 65 Resp: 134094
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-TB-20240607

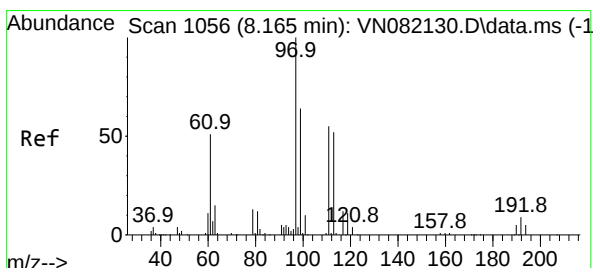
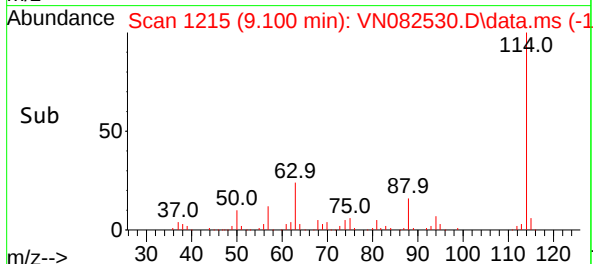
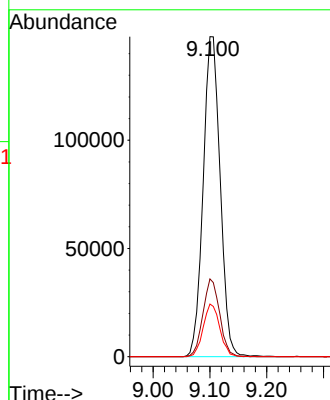
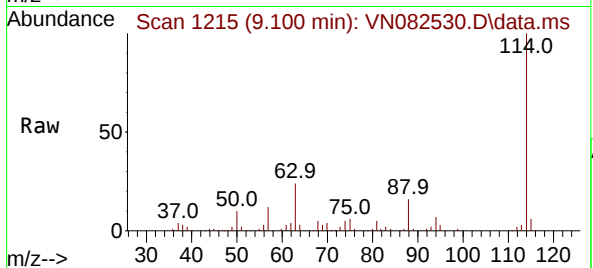
Tgt Ion:114 Resp: 307117

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.045 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082530.D

Acq: 12 Jun 2024 15:46

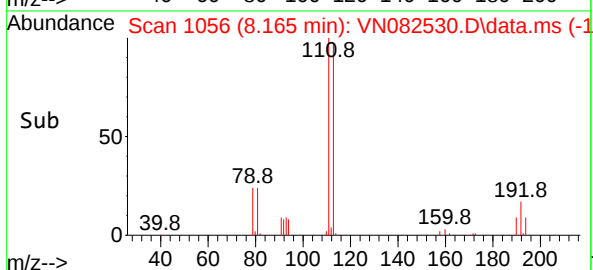
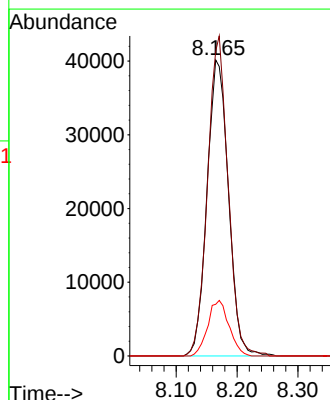
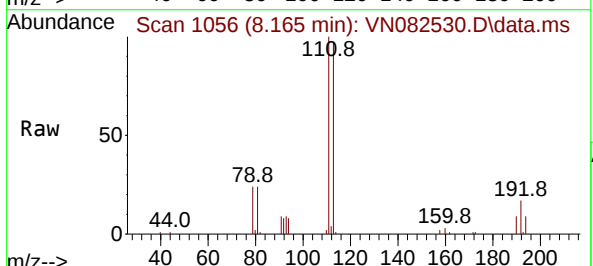
Tgt Ion:113 Resp: 98325

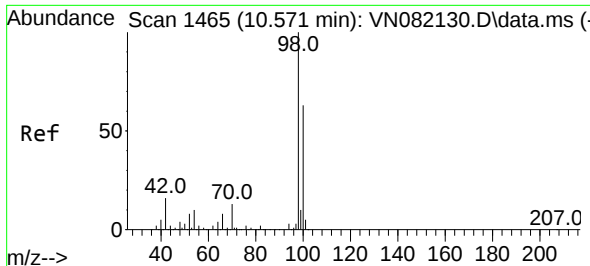
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 18.6 14.0 21.0

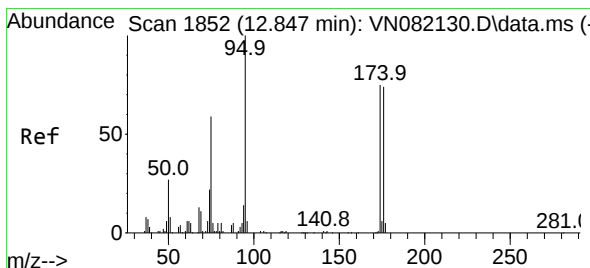
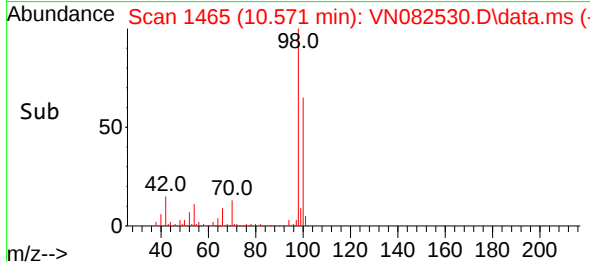
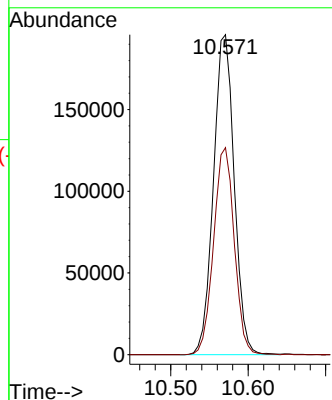
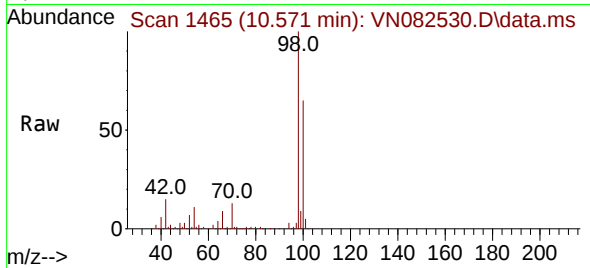




#50
Toluene-d8
Concen: 50.366 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46

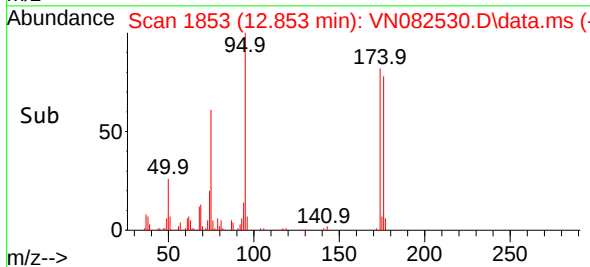
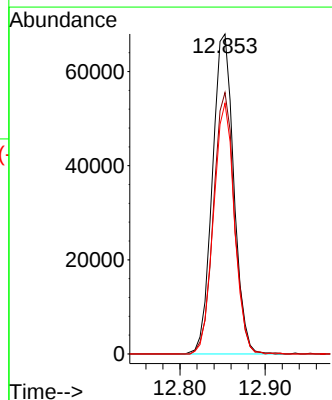
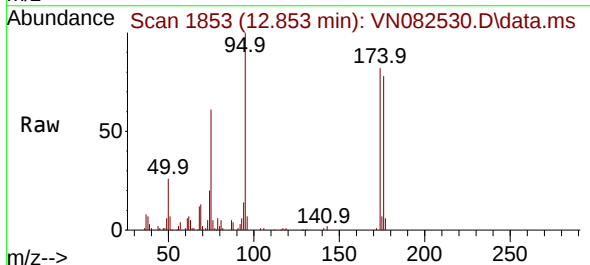
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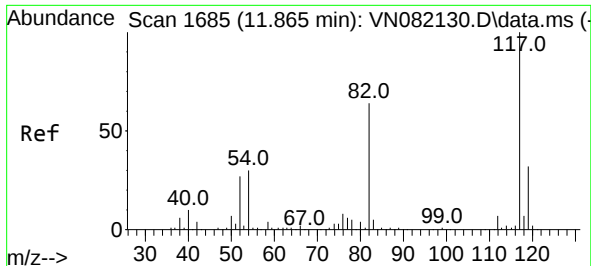
Tgt Ion: 98 Resp: 364814
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.856 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46

Tgt Ion: 95 Resp: 118549
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.6
176 76.6 0.0 152.8

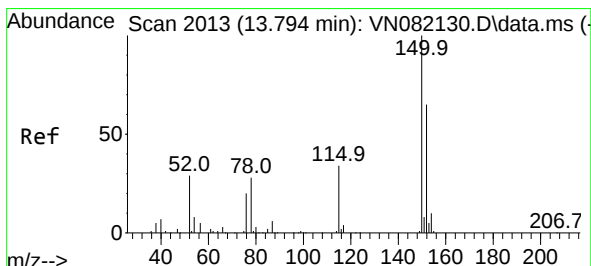
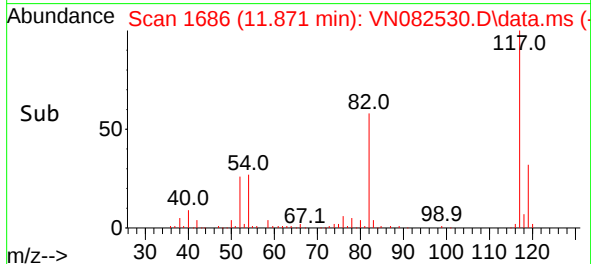
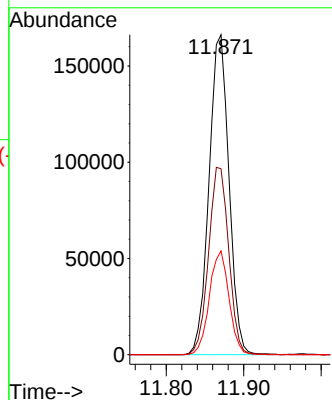
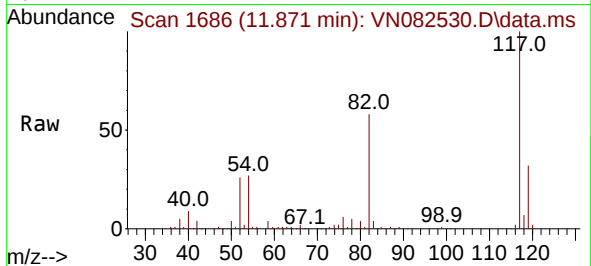




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082530.D
Acq: 12 Jun 2024 15:46

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-TB-20240607

Tgt Ion:117 Resp: 296955
Ion Ratio Lower Upper
117 100
82 58.1 44.6 66.8
119 32.4 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: VN082530.D
Acq: 12 Jun 2024 15:46

Tgt Ion:152 Resp: 123334
Ion Ratio Lower Upper
152 100
115 59.0 30.4 91.3
150 156.2 0.0 353.2

