

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082588.D
 Acq On : 14 Jun 2024 17:16
 Operator : JC\MD
 Sample : P2891-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-480-482

Quant Time: Jun 14 23:48:36 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	8.229	168	149081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	275192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	131251	55.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.520%	
35) Dibromofluoromethane	8.171	113	95140	55.629	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.260%	
50) Toluene-d8	10.571	98	342942	52.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.853	95	112750	48.177	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 96.360%	

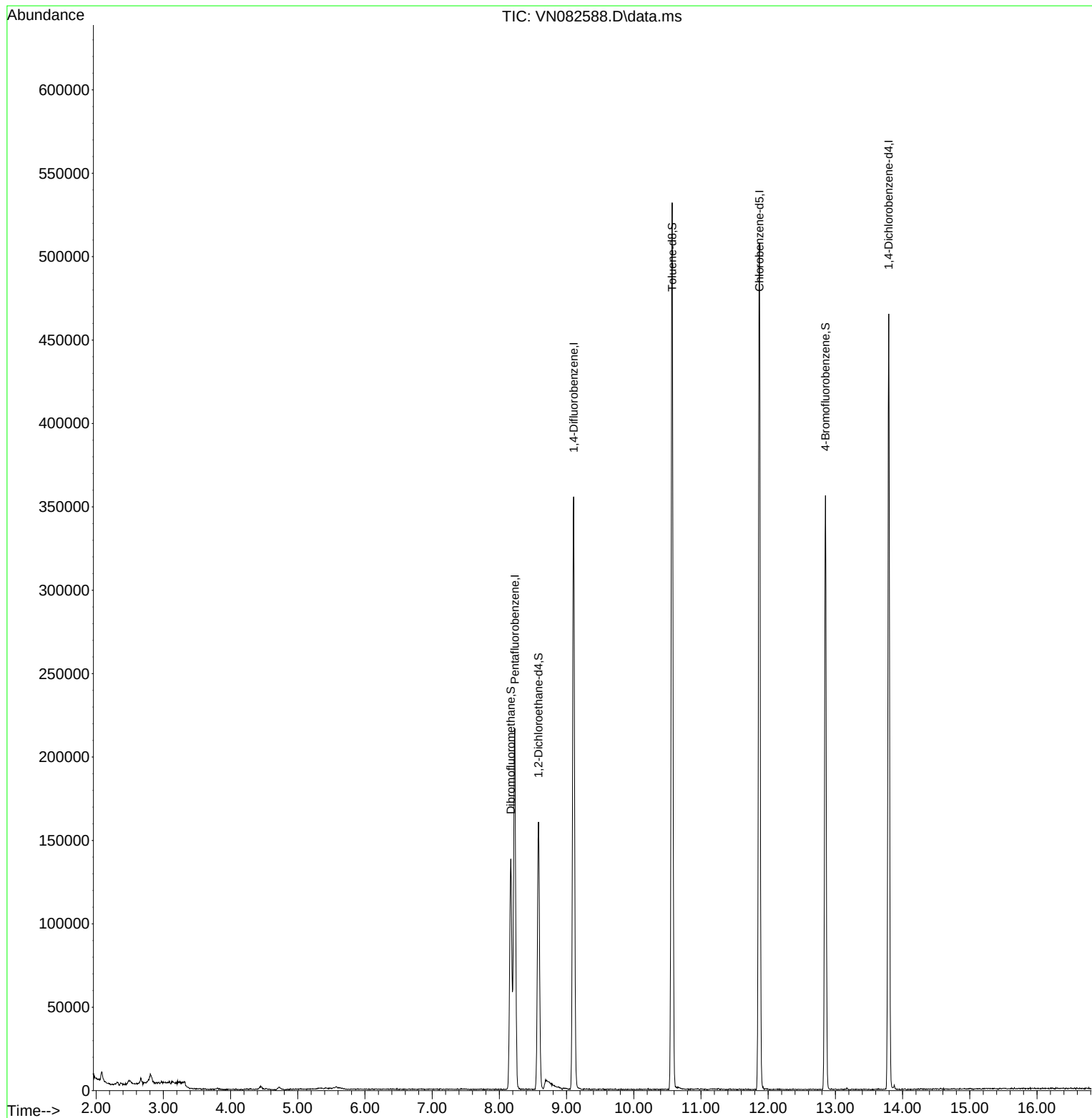
Target Compounds	Qvalue

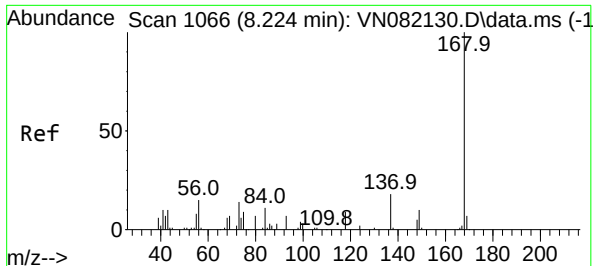
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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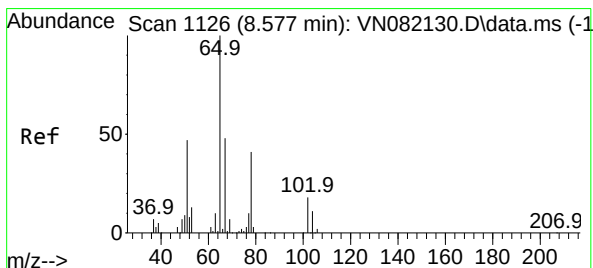
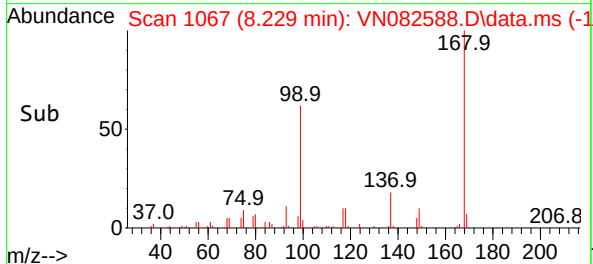
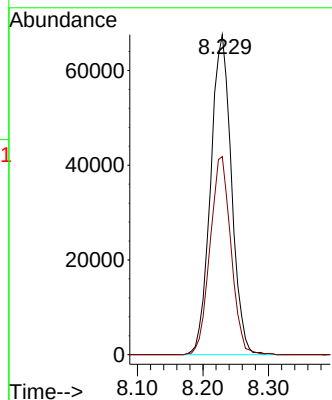
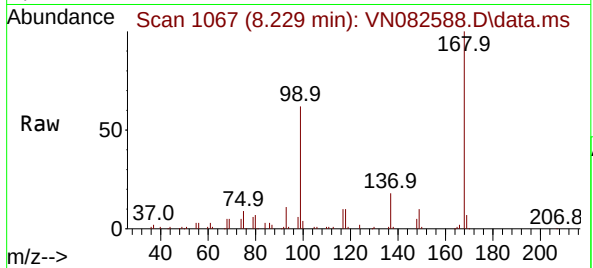




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

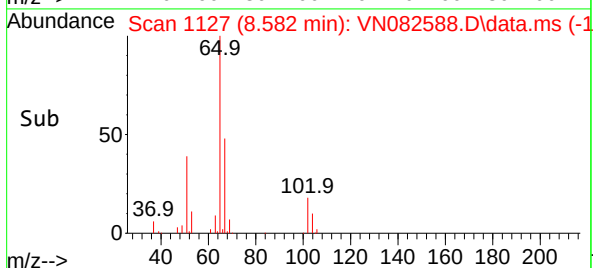
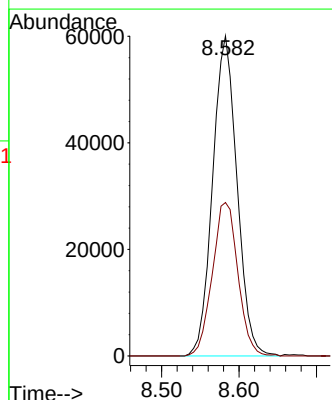
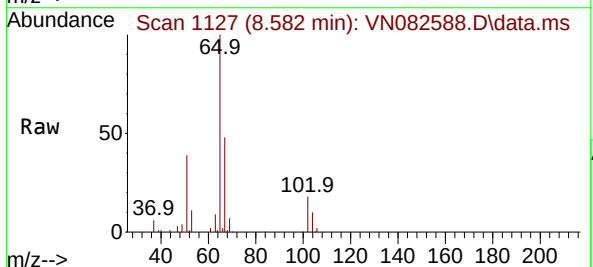
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-480-482

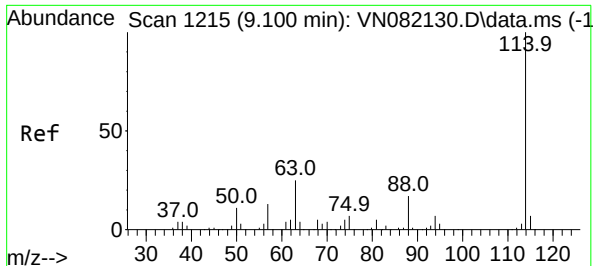
Tgt Ion:168 Resp: 149081
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.756 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082588.D
Acq: 14 Jun 2024 17:16

Tgt Ion: 65 Resp: 131251
Ion Ratio Lower Upper
65 100
67 50.3 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: VN082588.D

Acq: 14 Jun 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-480-482

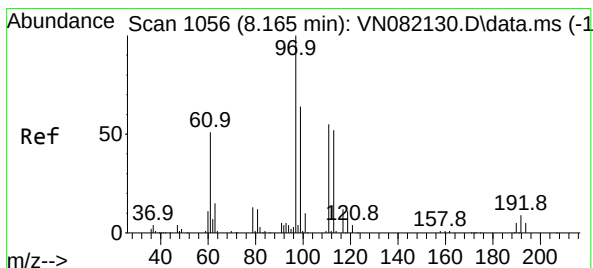
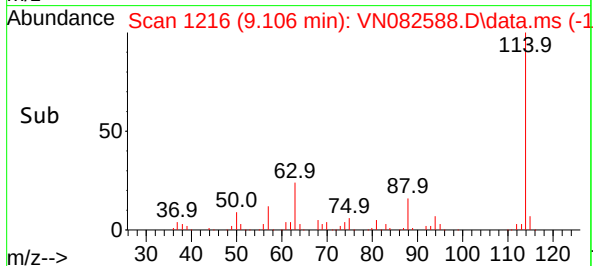
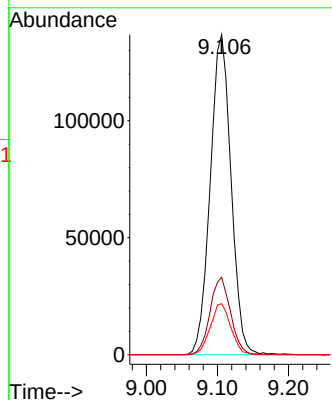
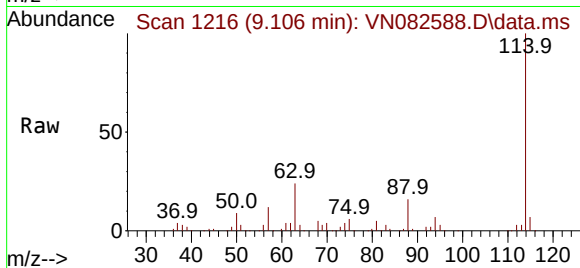
Tgt Ion:114 Resp: 278019

Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.629 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082588.D

Acq: 14 Jun 2024 17:16

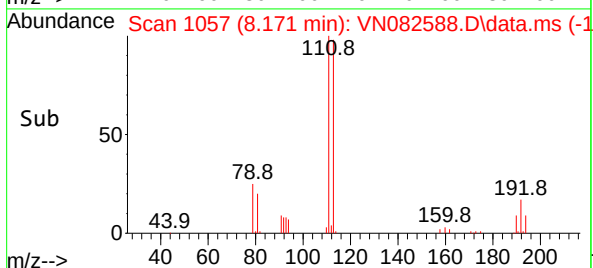
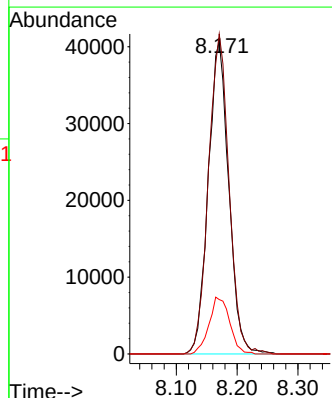
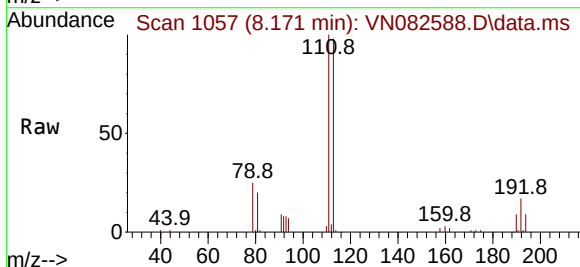
Tgt Ion:113 Resp: 95140

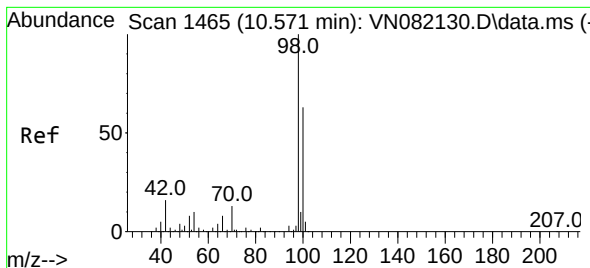
Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 18.3 14.0 21.0





#50

Toluene-d8

Concen: 52.302 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082588.D

Acq: 14 Jun 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

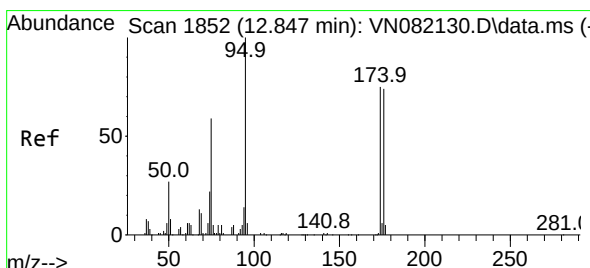
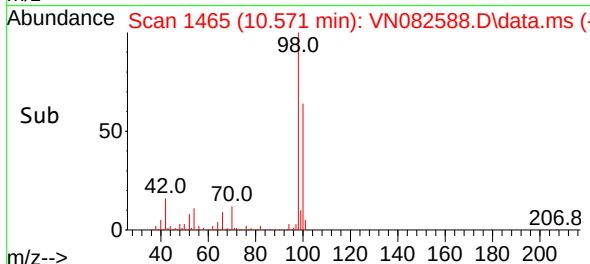
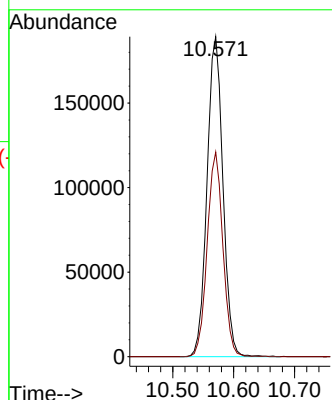
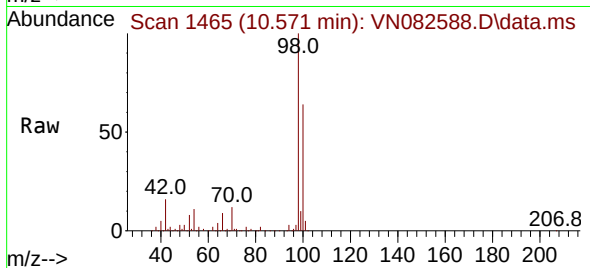
BP-VPB-196-GW-480-482

Tgt Ion: 98 Resp: 342942

Ion Ratio Lower Upper

98 100

100 63.3 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 48.177 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082588.D

Acq: 14 Jun 2024 17:16

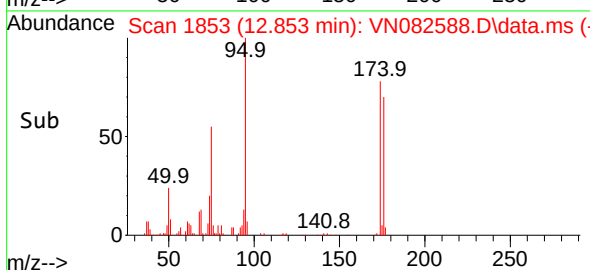
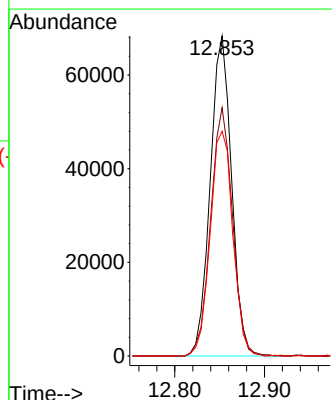
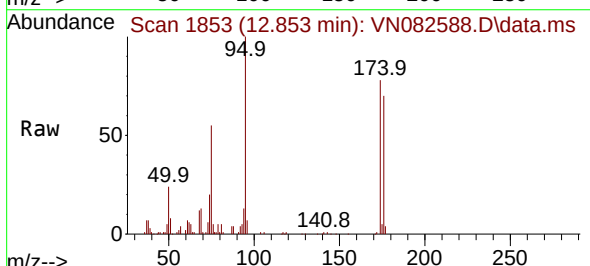
Tgt Ion: 95 Resp: 112750

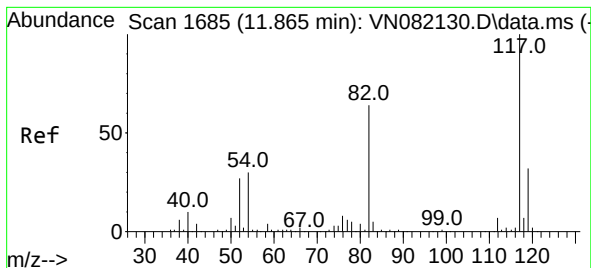
Ion Ratio Lower Upper

95 100

174 79.6 0.0 160.6

176 74.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082588.D

Acq: 14 Jun 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-GW-480-482

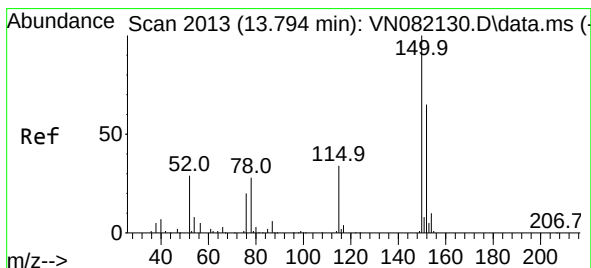
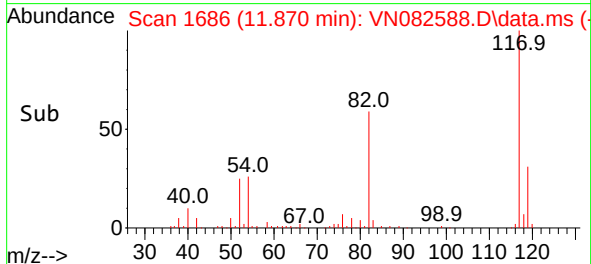
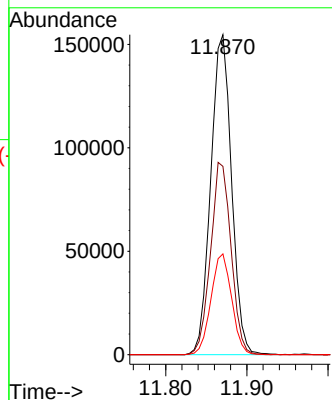
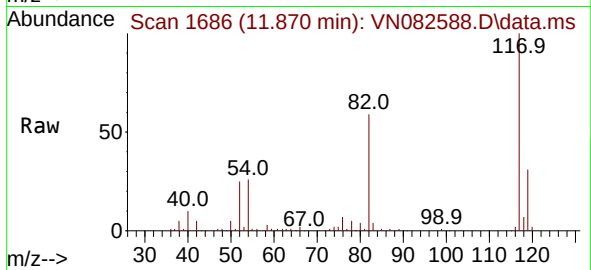
Tgt Ion:117 Resp: 275192

Ion Ratio Lower Upper

117 100

82 58.8 44.6 66.8

119 31.5 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: VN082588.D

Acq: 14 Jun 2024 17:16

Tgt Ion:152 Resp: 116695

Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.3

150 156.8 0.0 353.2

