

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083026.D
 Acq On : 24 Jul 2024 14:05
 Operator : JC\MD
 Sample : P3338-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240718

Quant Time: Jul 25 02:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124537	58.341	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	116.680%	
35) Dibromofluoromethane	8.171	113	103605	53.661	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	107.320%	
50) Toluene-d8	10.571	98	362488	50.832	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.660%	
62) 4-Bromofluorobenzene	12.853	95	119962	46.832	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	93.660%	

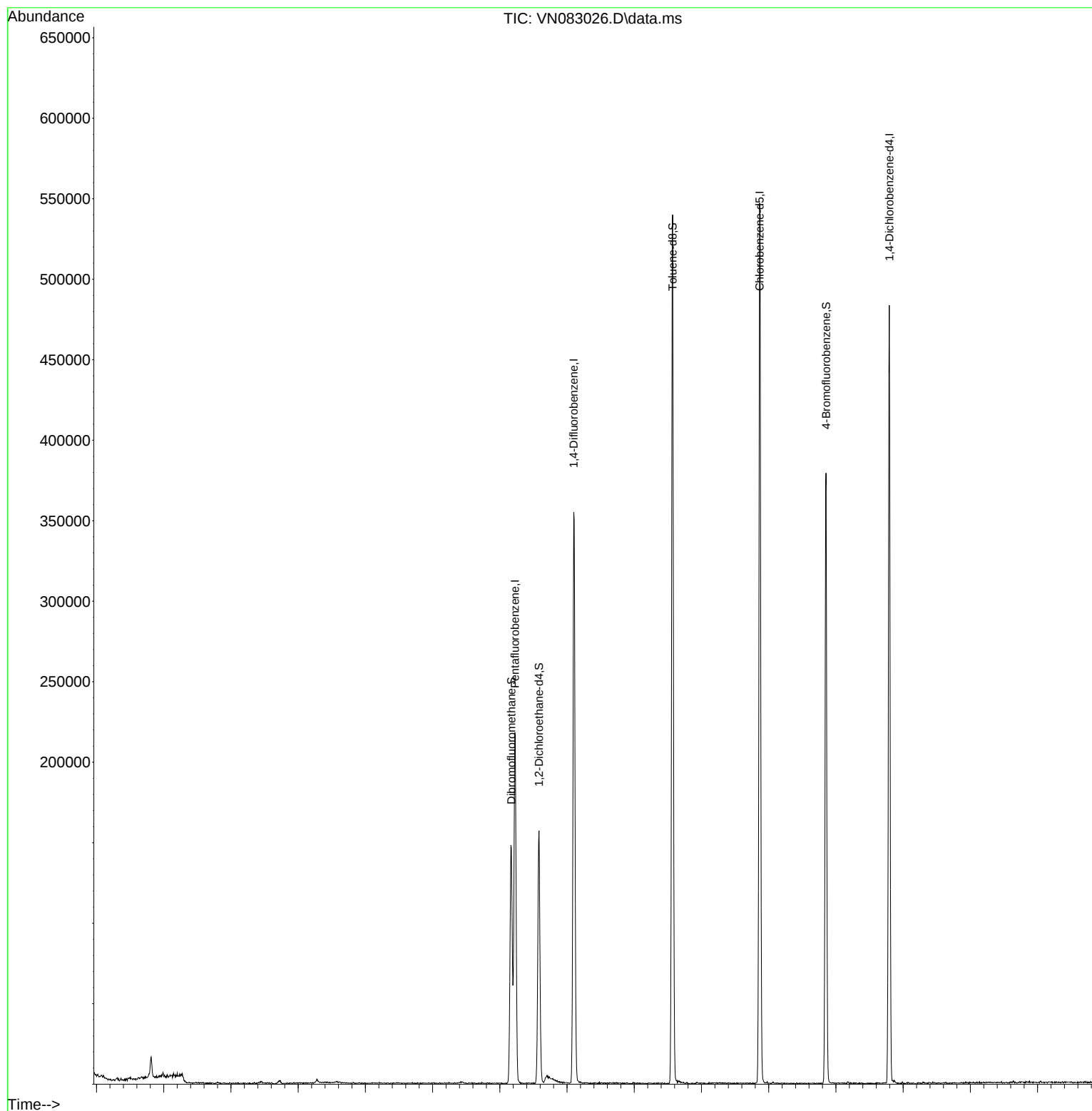
Target Compounds Qvalue

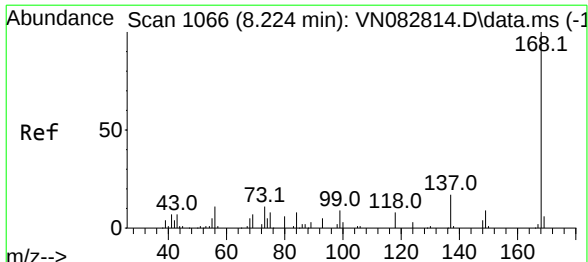
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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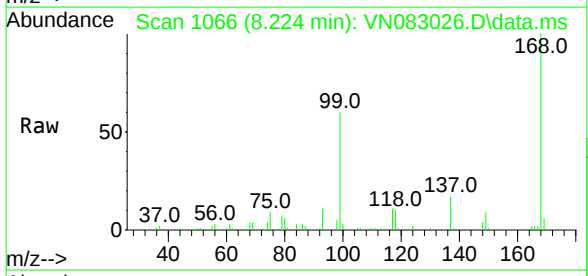
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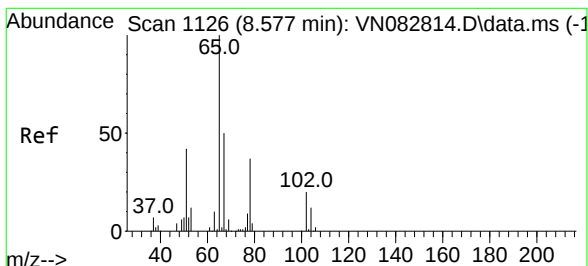
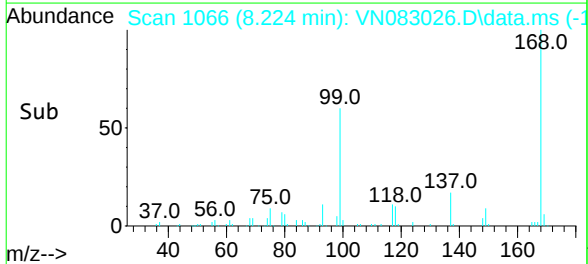
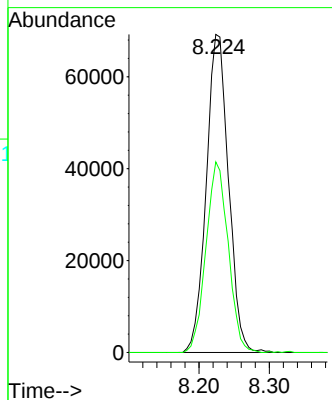


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

Instrument : MSVOA_N
ClientSampleId : BP-VPB-196-TB-20240718

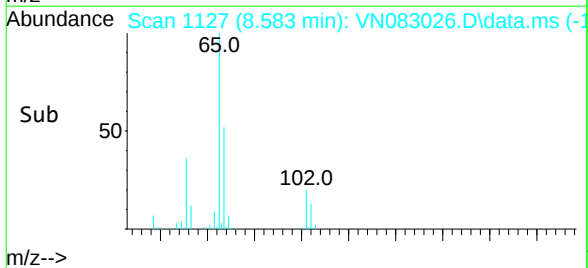
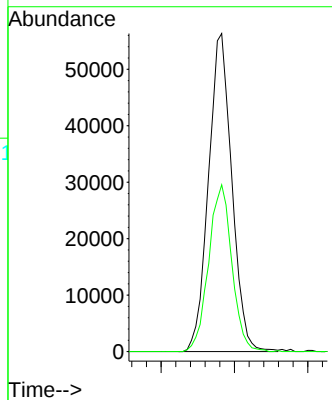
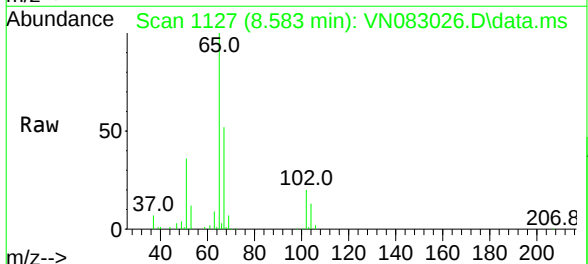


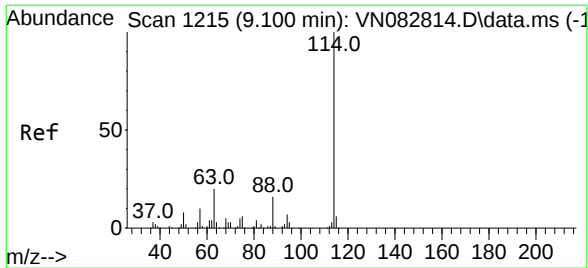
Tgt Ion:168 Resp: 152280
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.341 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083026.D
Acq: 24 Jul 2024 14:05

Tgt Ion: 65 Resp: 124537
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

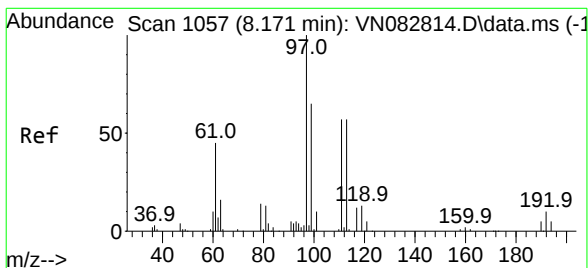
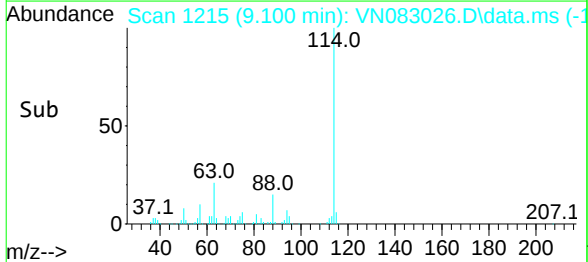
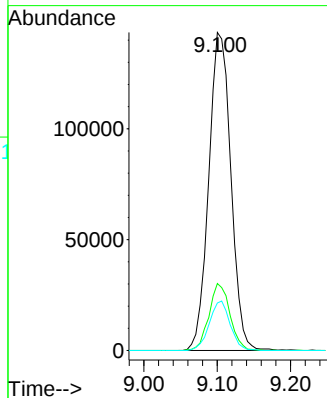
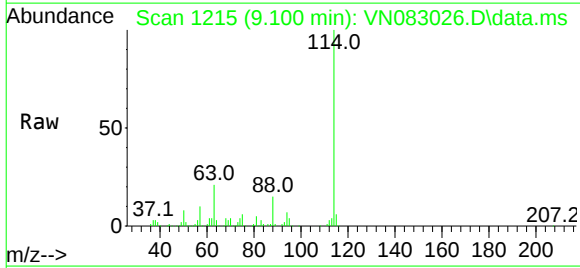
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240718

Tgt Ion:	114	Resp:	300887
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	44.6
88	14.9	0.0	31.4



#35

Dibromofluoromethane

Concen: 53.661 ug/l

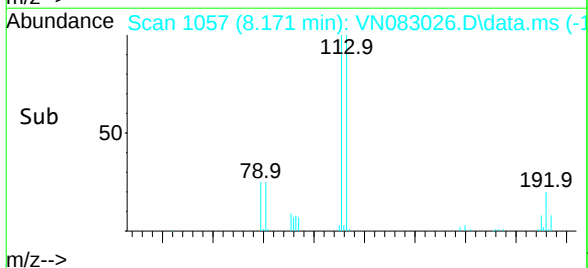
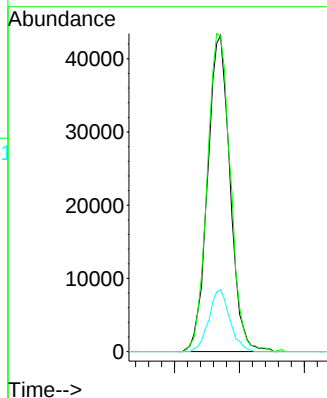
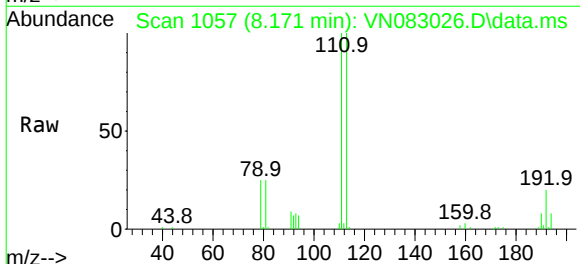
RT: 8.171 min Scan# 1057

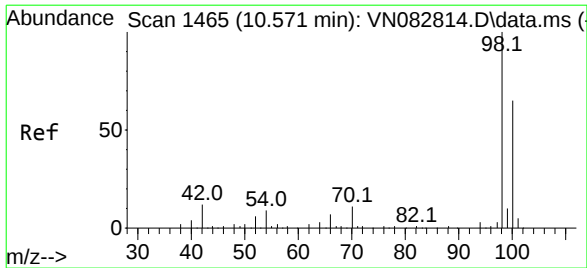
Delta R.T. 0.006 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Tgt Ion:	113	Resp:	103605
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.4	123.6
192	18.3	14.9	22.3





#50

Toluene-d8

Concen: 50.832 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

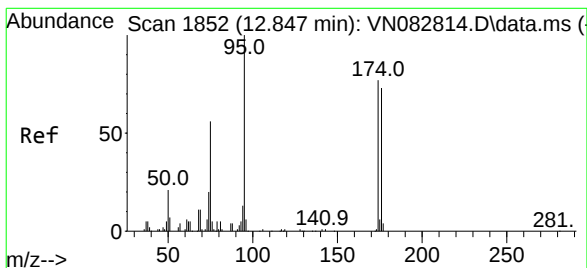
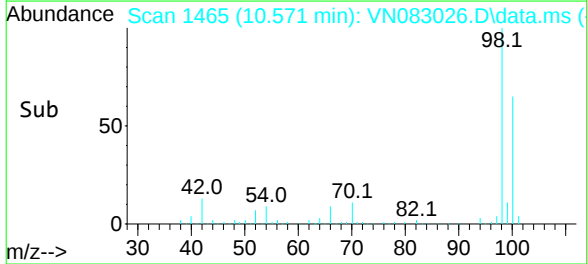
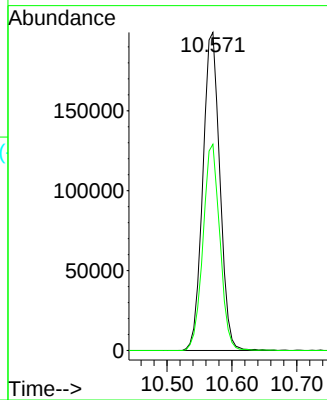
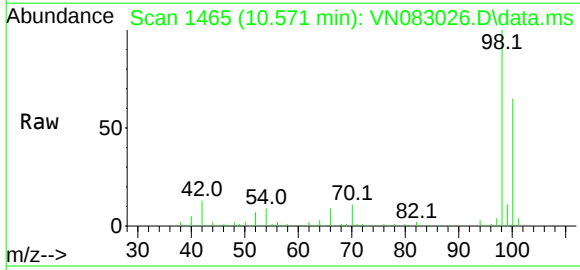
BP-VPB-196-TB-20240718

Tgt Ion: 98 Resp: 362488

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.832 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

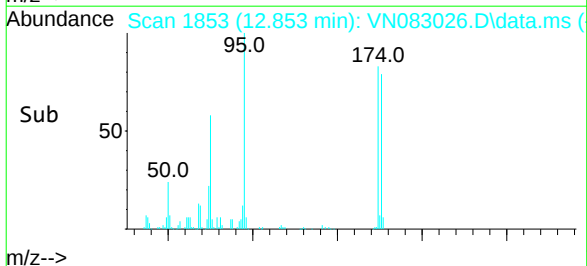
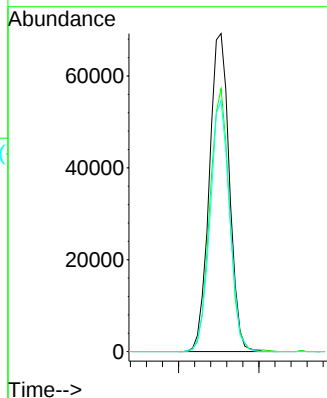
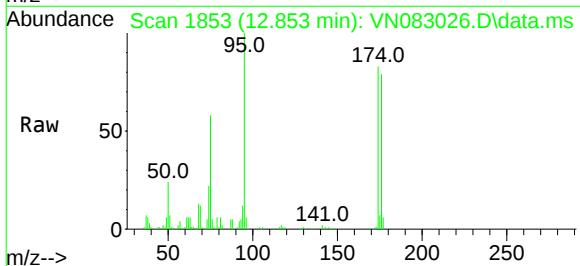
Tgt Ion: 95 Resp: 119962

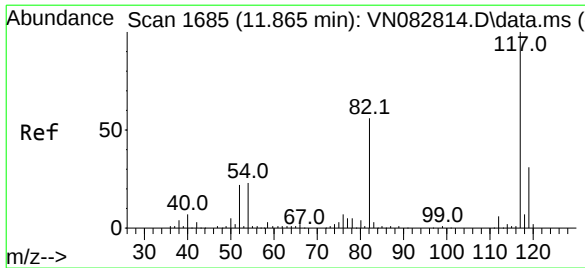
Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.2

176 77.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.005 min

Lab File: VN083026.D

Acq: 24 Jul 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240718

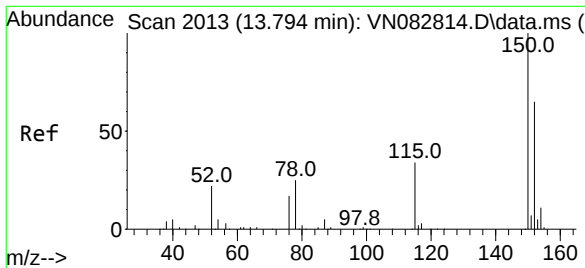
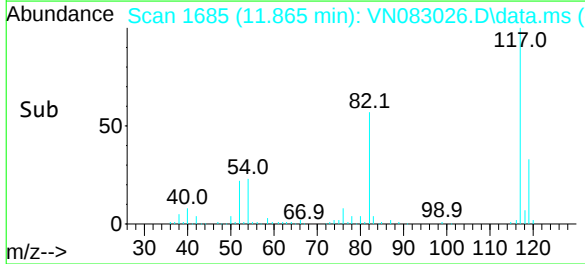
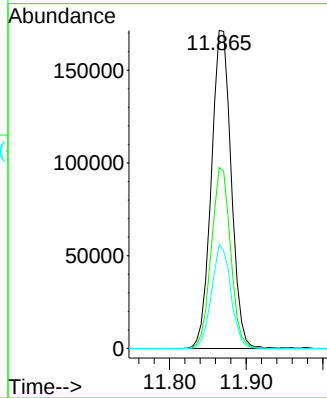
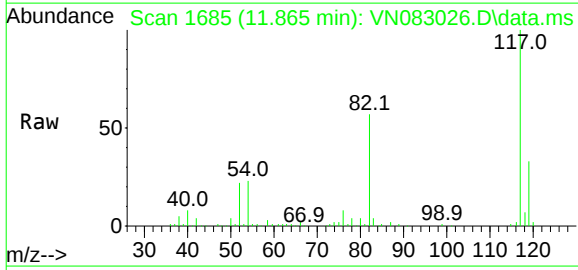
Tgt Ion:117 Resp: 308738

Ion Ratio Lower Upper

117 100

82 56.9 47.5 71.3

119 32.6 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: VN083026.D

Acq: 24 Jul 2024 14:05

Tgt Ion:152 Resp: 127688

Ion Ratio Lower Upper

152 100

115 58.6 30.6 91.6

150 157.3 0.0 348.6

