

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082485.D
 Acq On : 07 Jun 2024 12:10
 Operator : JC\MD
 Sample : P2771-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240603

Quant Time: Jun 08 00:56:00 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	170517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116642	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137309	50.997	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.000%
35) Dibromofluoromethane	8.165	113	99921	52.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.180%
50) Toluene-d8	10.571	98	372718	50.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.853	95	120679	45.977	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.960%

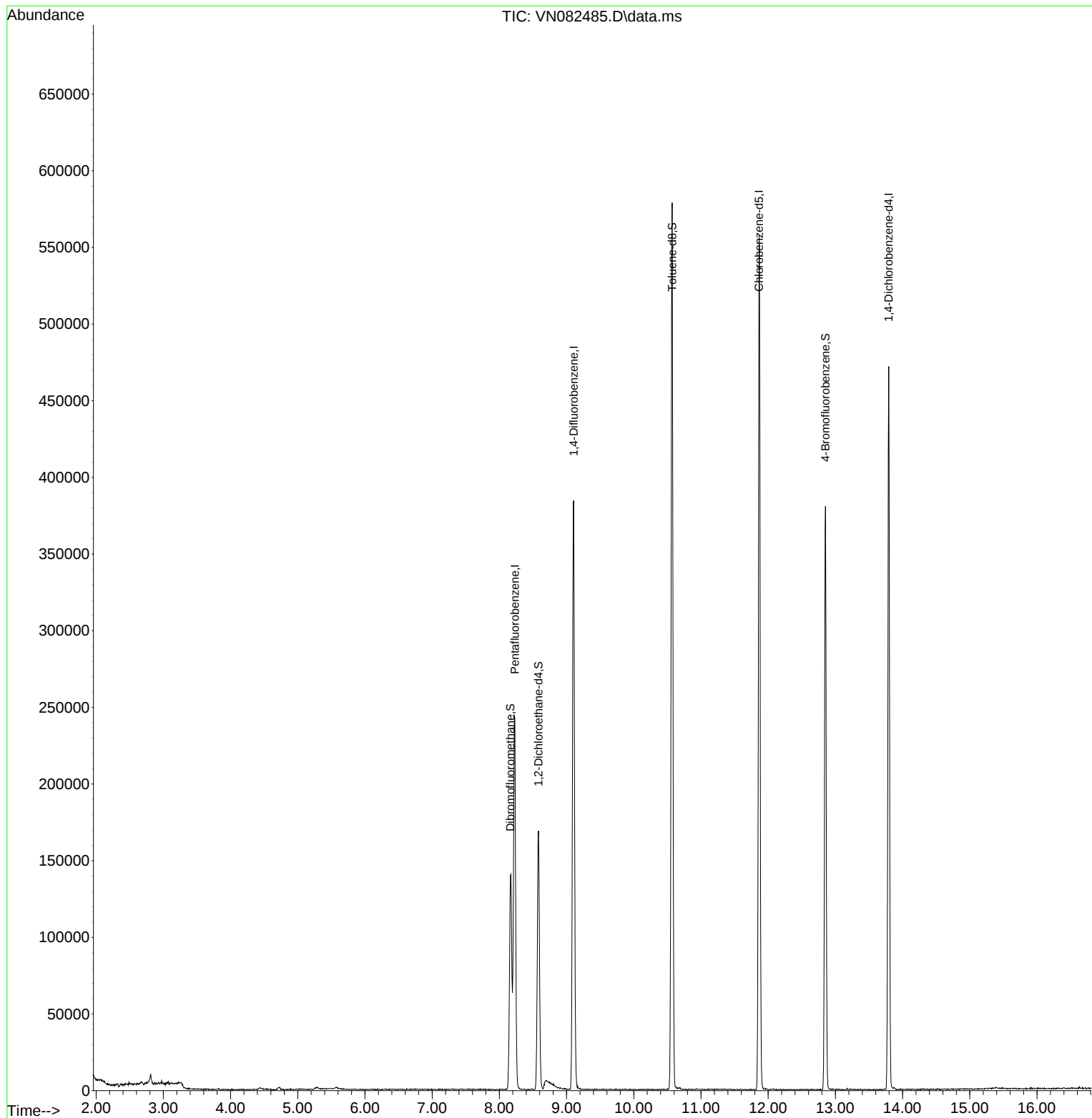
Target Compounds	Qvalue

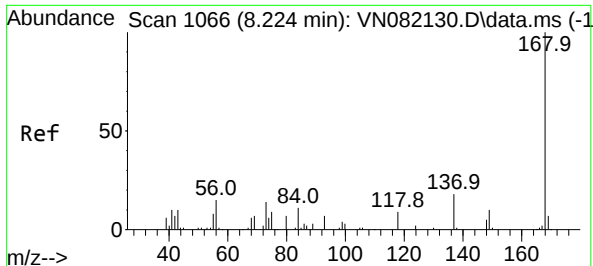
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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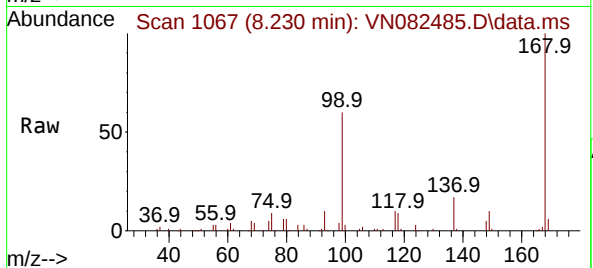
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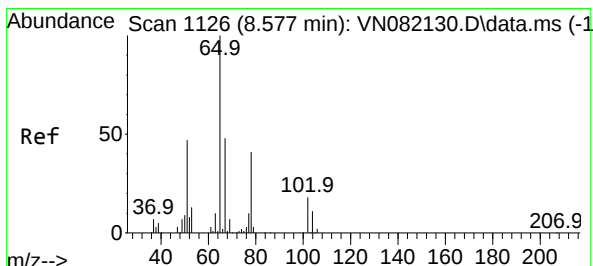
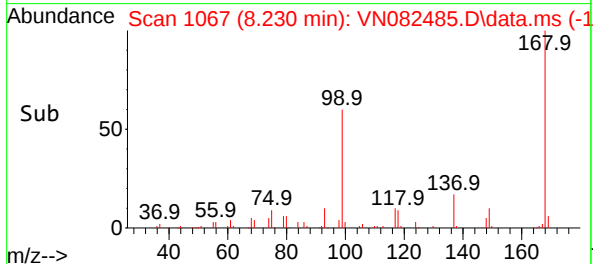
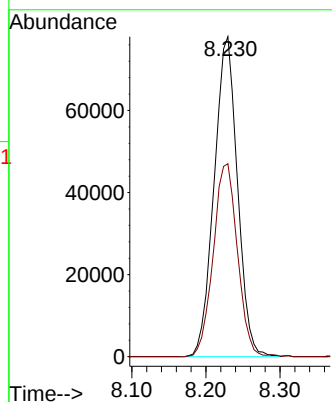


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

Instrument :
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ClientSampleId :
BP-VPB-196-TB-20240603

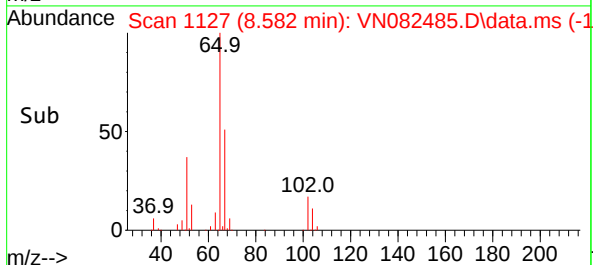
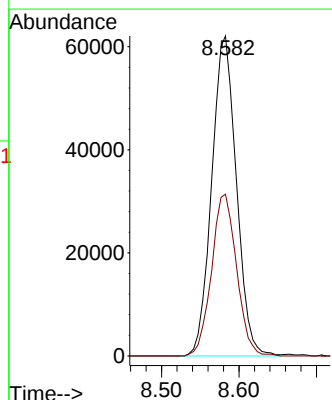
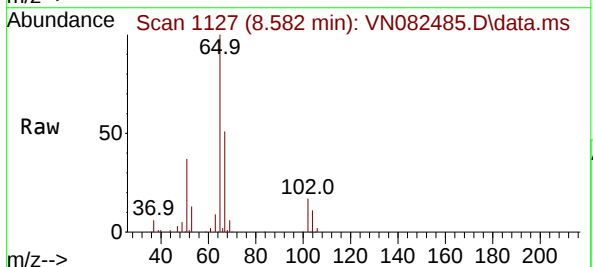


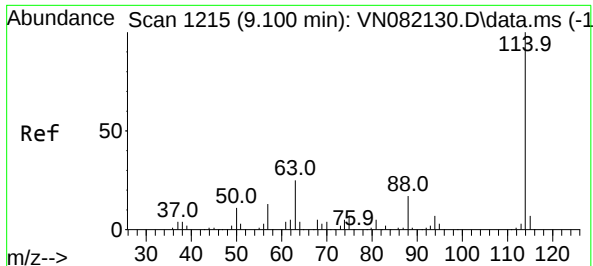
Tgt Ion:168 Resp: 170517
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.997 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

Tgt Ion: 65 Resp: 137309
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# 1

Delta R.T. 0.006 min

Lab File: VN082485.D

Acq: 07 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240603

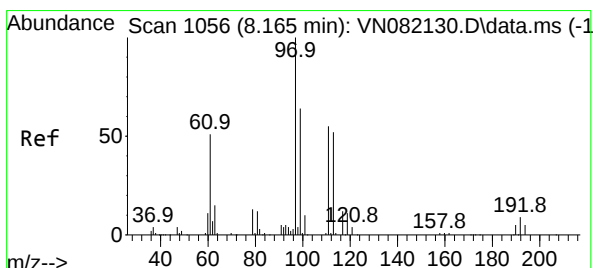
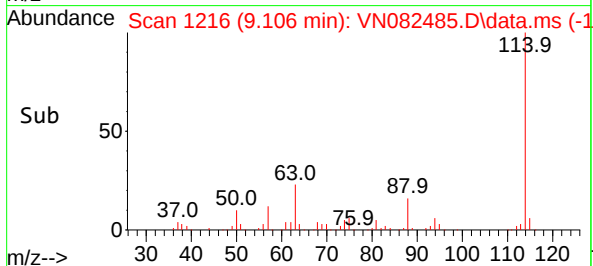
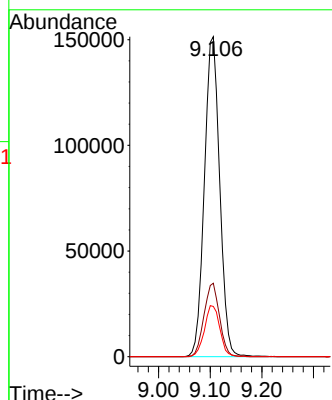
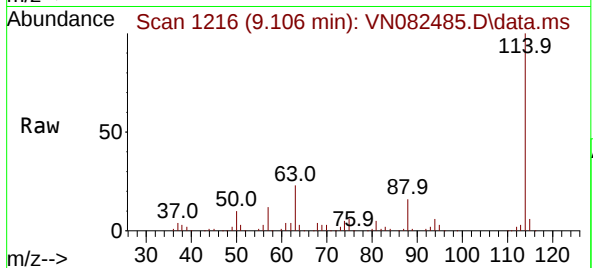
Tgt Ion:114 Resp: 311808

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.0

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.094 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082485.D

Acq: 07 Jun 2024 12:10

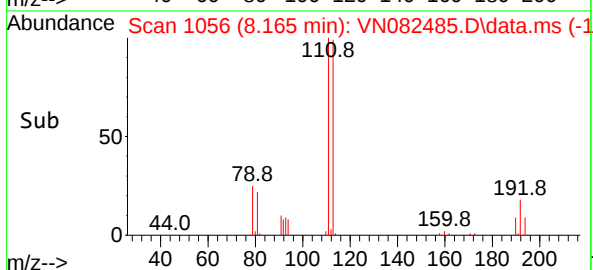
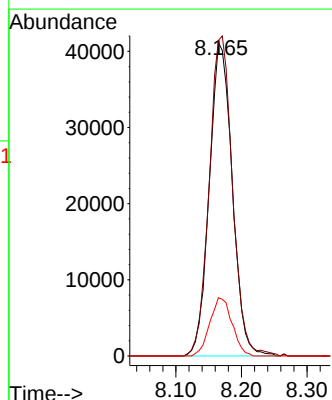
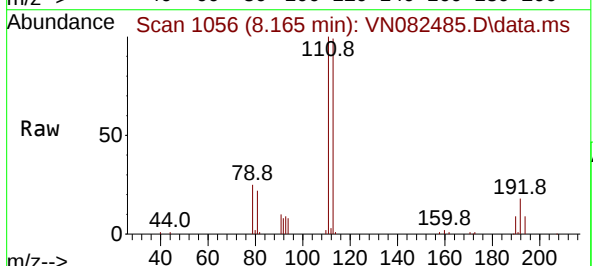
Tgt Ion:113 Resp: 99921

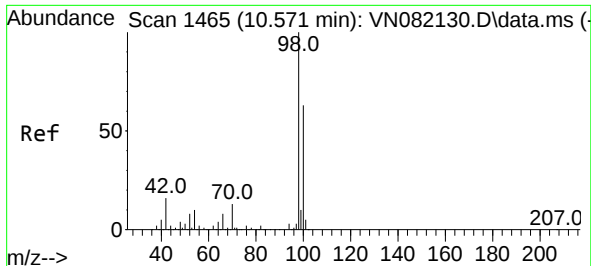
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 18.0 14.0 21.0

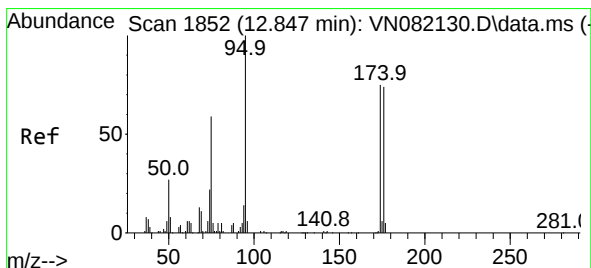
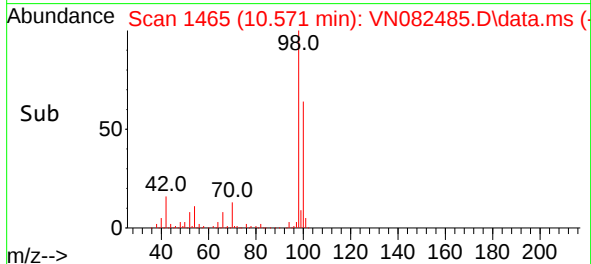
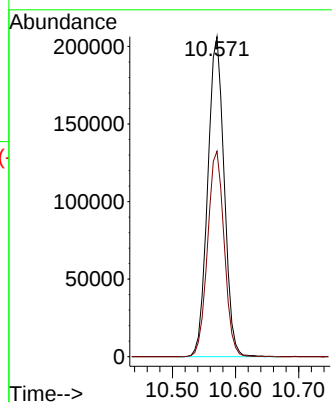
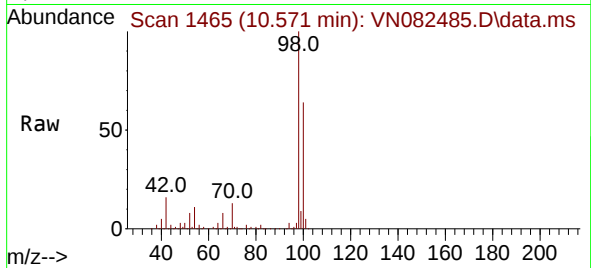




#50
Toluene-d8
Concen: 50.683 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

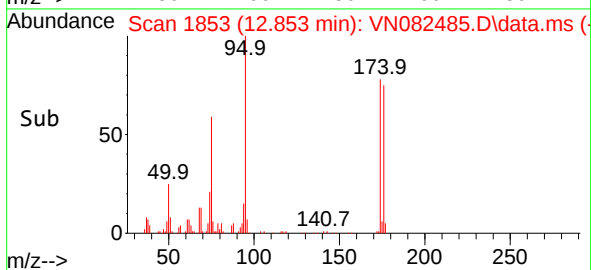
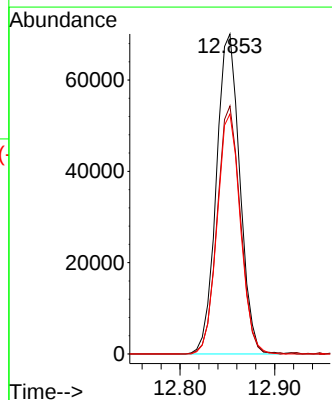
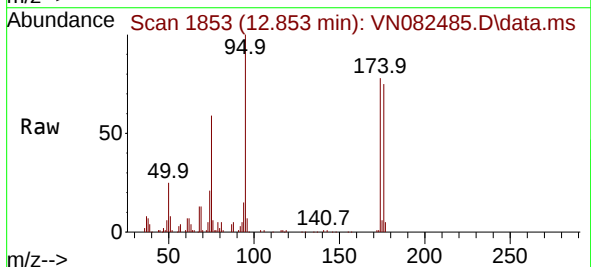
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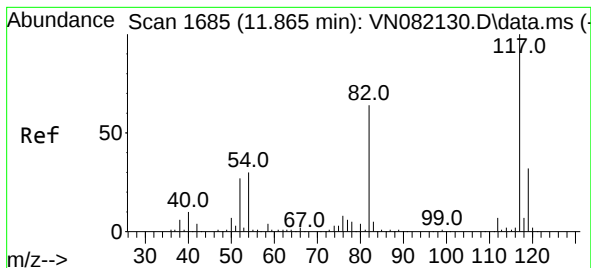
Tgt Ion: 98 Resp: 372718
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.977 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082485.D
Acq: 07 Jun 2024 12:10

Tgt Ion: 95 Resp: 120679
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 74.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082485.D

Acq: 07 Jun 2024 12:10

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-196-TB-20240603

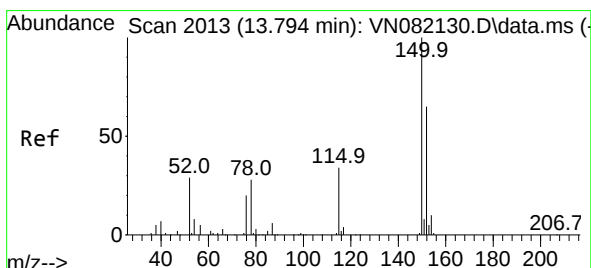
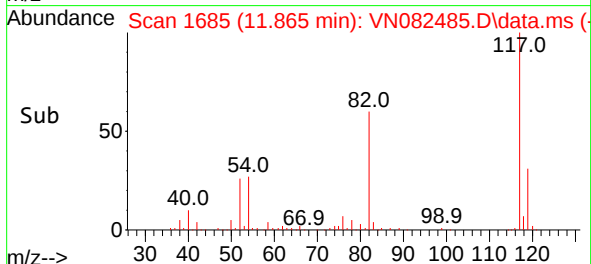
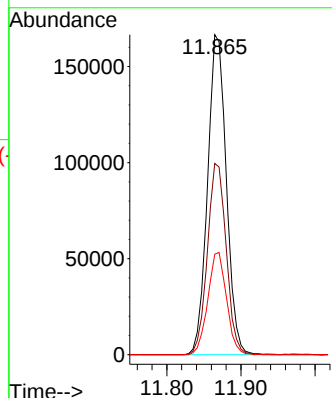
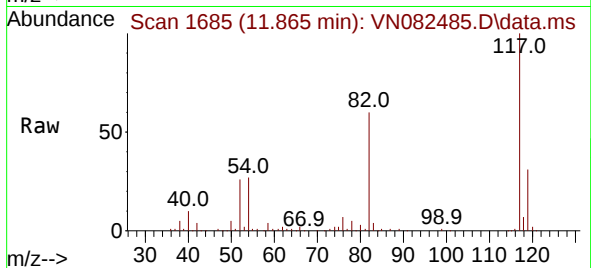
Tgt Ion:117 Resp: 293478

Ion Ratio Lower Upper

117 100

82 59.8 44.6 66.8

119 31.4 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: VN082485.D

Acq: 07 Jun 2024 12:10

Tgt Ion:152 Resp: 116642

Ion Ratio Lower Upper

152 100

115 59.7 30.4 91.3

150 157.7 0.0 353.2

