

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085453.D
 Acq On : 15 Jan 2025 11:50
 Operator : JC\MD
 Sample : Q1062-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190A-TB-20250107

Quant Time: Jan 16 00:55:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	196038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	355455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168714	53.315	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.640%		
35) Dibromofluoromethane	8.159	113	123337	50.015	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.040%		
50) Toluene-d8	10.565	98	428715	48.931	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.860%		
62) 4-Bromofluorobenzene	12.847	95	137686	45.939	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.880%		

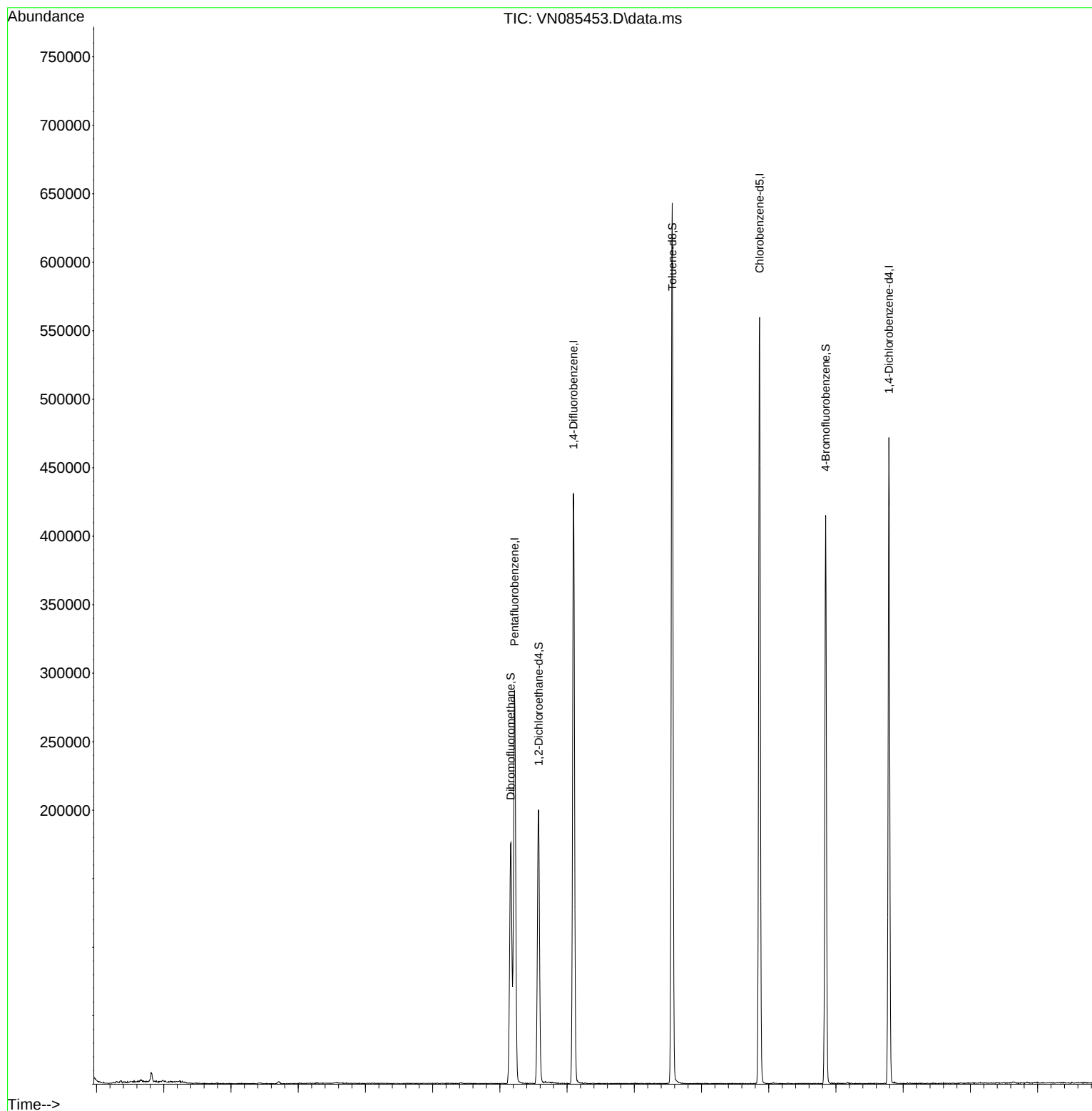
Target Compounds Qvalue

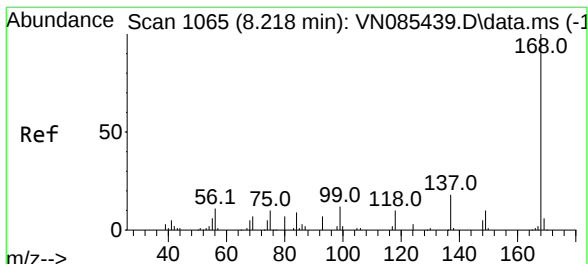
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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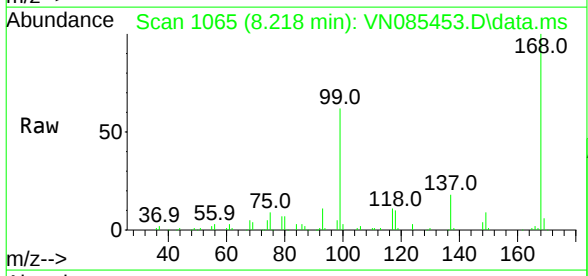
Quant Time: Jan 16 00:55:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



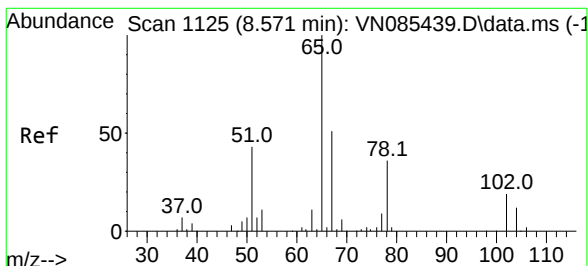
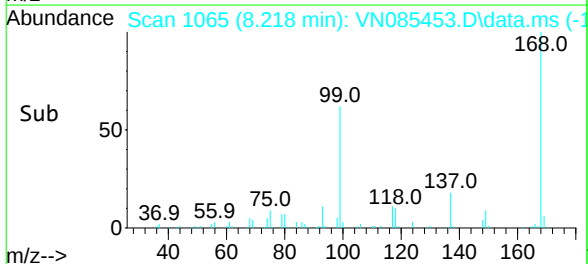
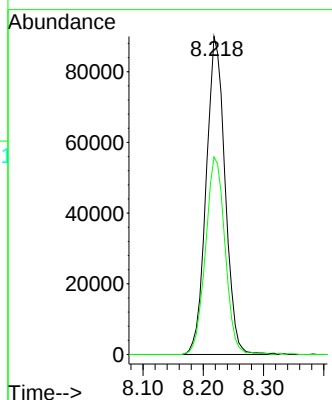


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190A-TB-20250107

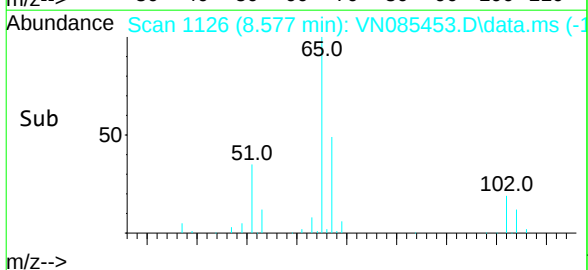
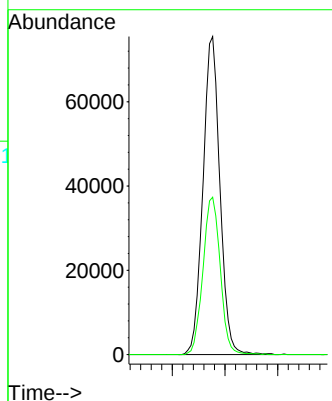
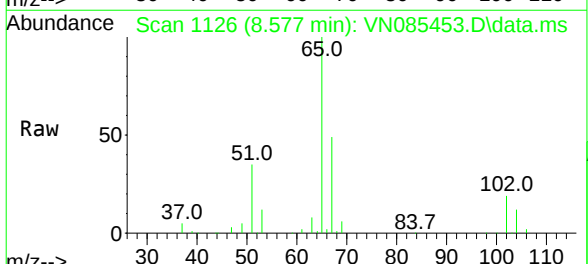


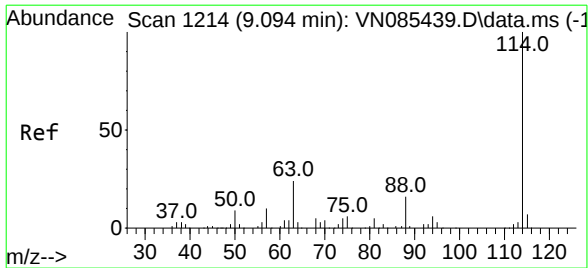
Tgt Ion:168 Resp: 196038
Ion Ratio Lower Upper
168 100
99 62.1 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 53.315 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085453.D
Acq: 15 Jan 2025 11:50

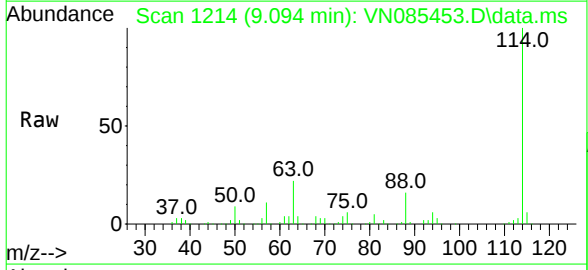
Tgt Ion: 65 Resp: 168714
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6



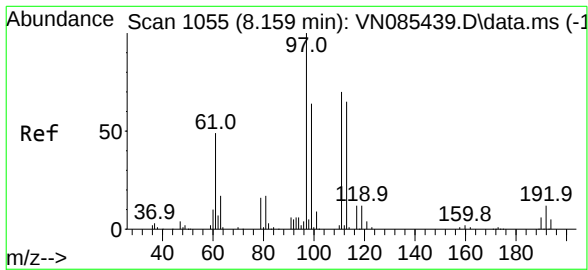
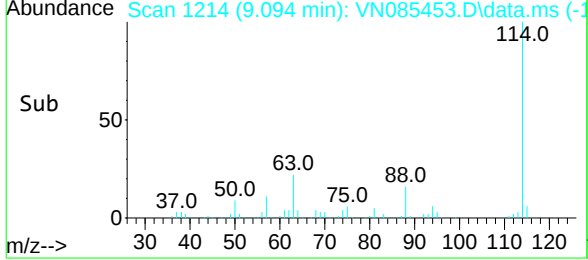
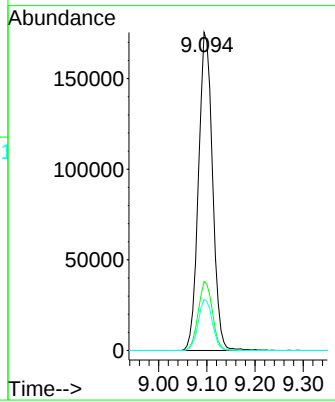


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VN085453.D
 Acq: 15 Jan 2025 11:50

Instrument : MSVOA_N
 ClientSampleId : BP-VPB-190A-TB-20250107

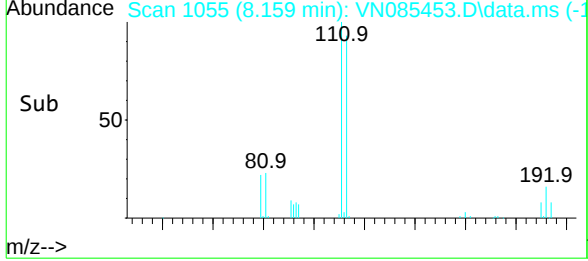
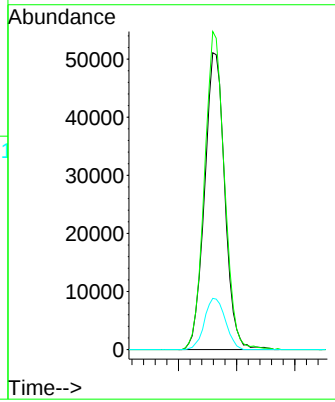
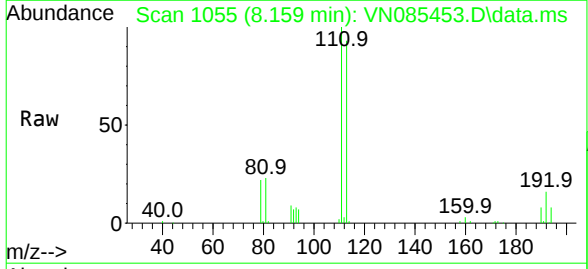


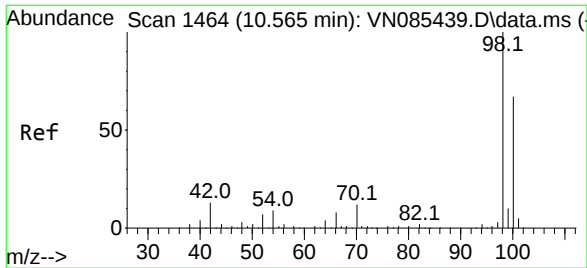
Tgt Ion:	114	Resp:	355455
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	47.6
88	16.0	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 50.015 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085453.D
 Acq: 15 Jan 2025 11:50

Tgt Ion:	113	Resp:	123337
Ion	Ratio	Lower	Upper
113	100		
111	105.8	82.7	124.1
192	17.9	14.3	21.5





#50

Toluene-d8

Concen: 48.931 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085453.D

Acq: 15 Jan 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

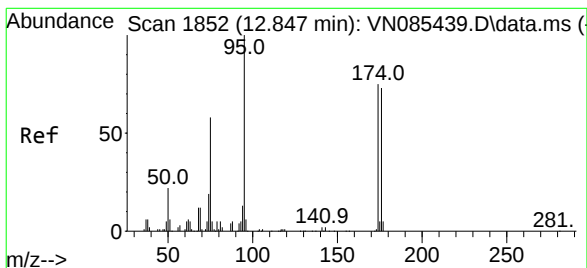
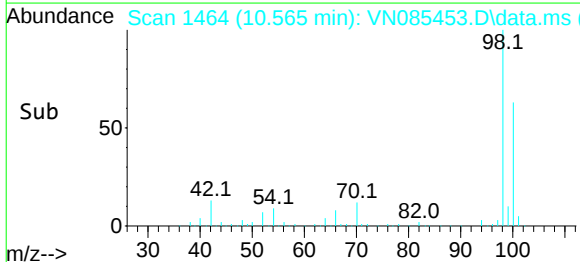
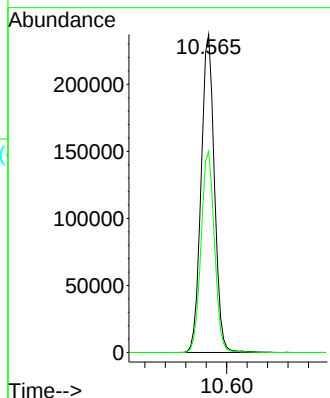
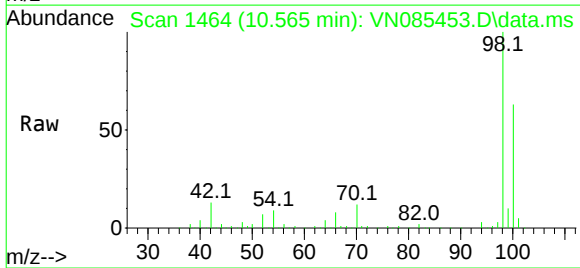
BP-VPB-190A-TB-20250107

Tgt Ion: 98 Resp: 428715

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.939 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085453.D

Acq: 15 Jan 2025 11:50

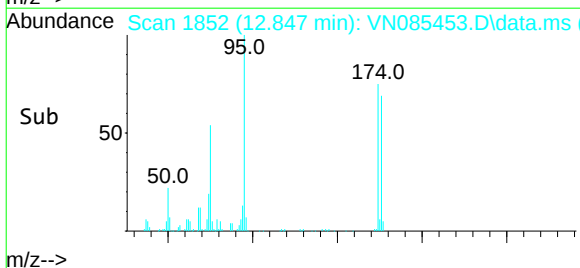
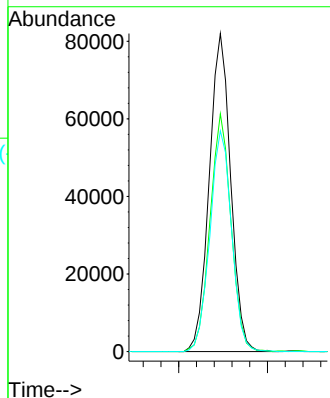
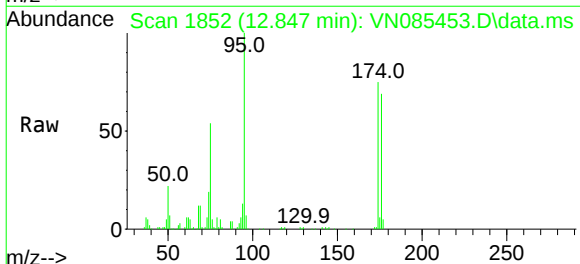
Tgt Ion: 95 Resp: 137686

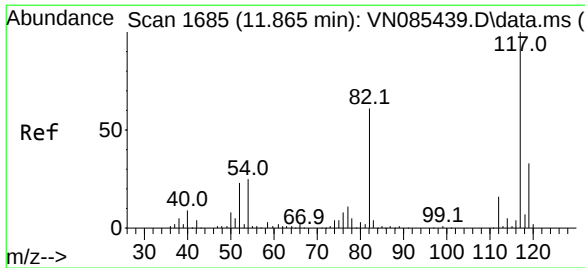
Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.0

176 70.1 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN085453.D

Acq: 15 Jan 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190A-TB-20250107

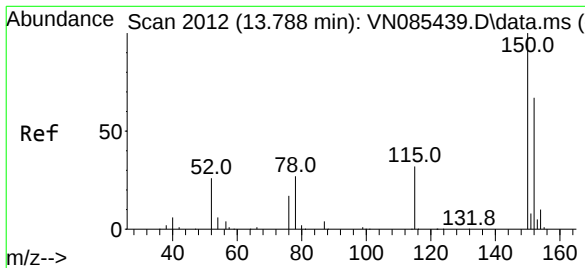
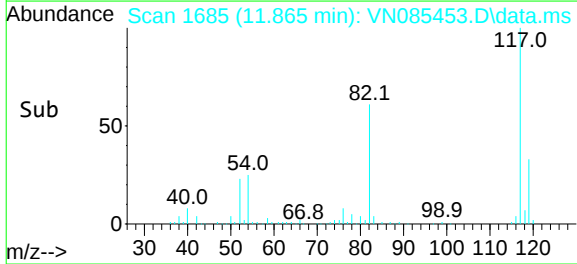
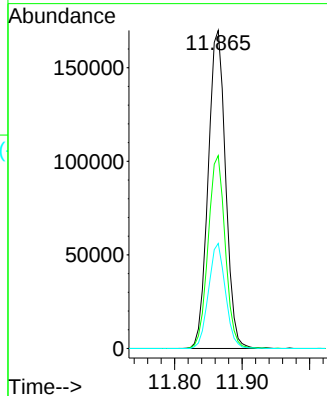
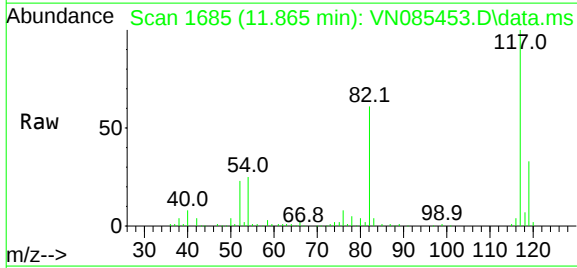
Tgt Ion:117 Resp: 304386

Ion Ratio Lower Upper

117 100

82 60.6 48.6 72.8

119 33.0 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085453.D

Acq: 15 Jan 2025 11:50

Tgt Ion:152 Resp: 119672

Ion Ratio Lower Upper

152 100

115 61.4 31.1 93.3

150 156.9 0.0 343.6

