

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085191.D
 Acq On : 13 Dec 2024 12:53
 Operator : JC\MD
 Sample : VN1213WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBL01

Quant Time: Dec 13 23:30:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	151380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109015	50.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.120%	
35) Dibromofluoromethane	8.165	113	89196	50.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.060%	
50) Toluene-d8	10.565	98	310576	48.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	12.847	95	100184	41.927	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 83.860%	

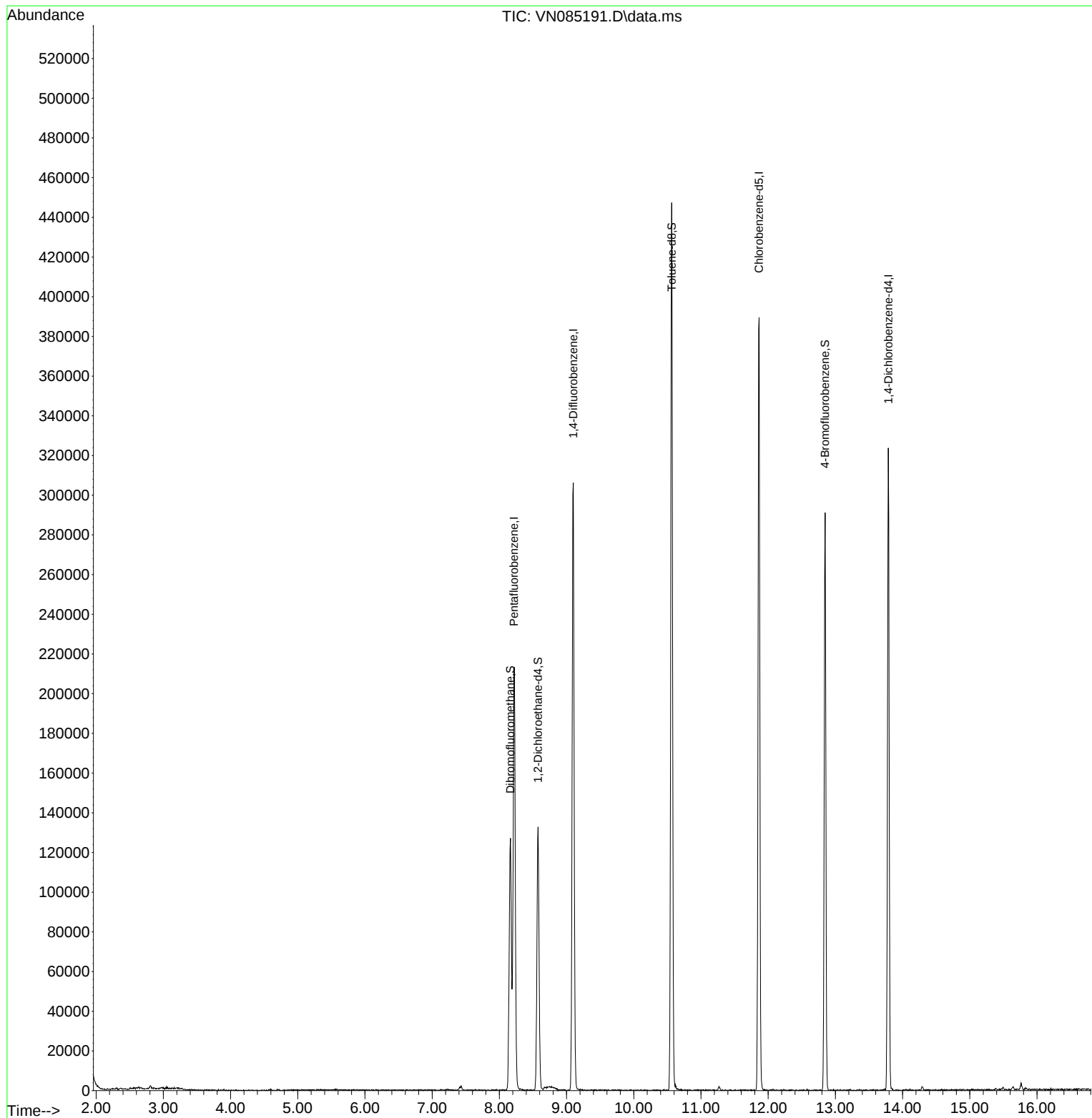
Target Compounds	Qvalue

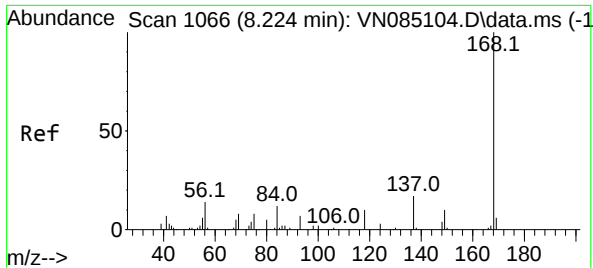
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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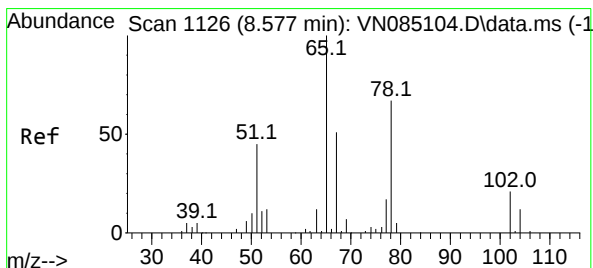
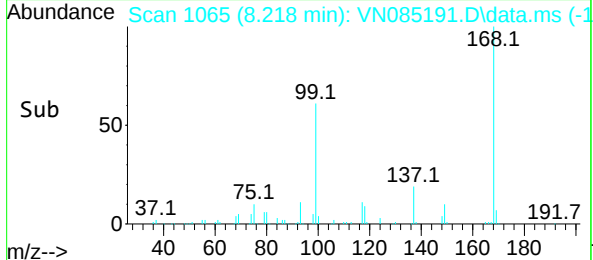
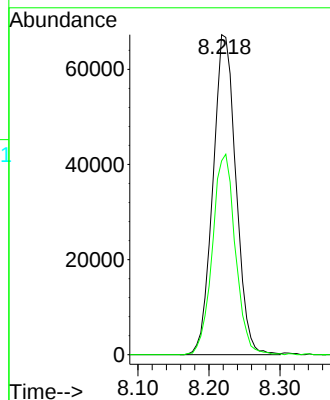
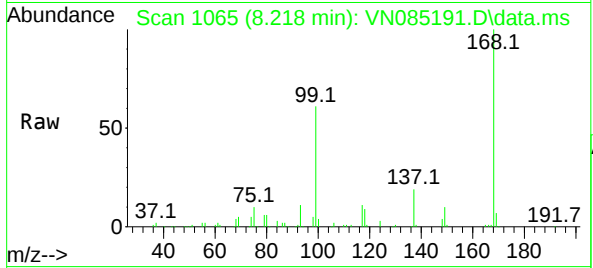




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085191.D
Acq: 13 Dec 2024 12:53

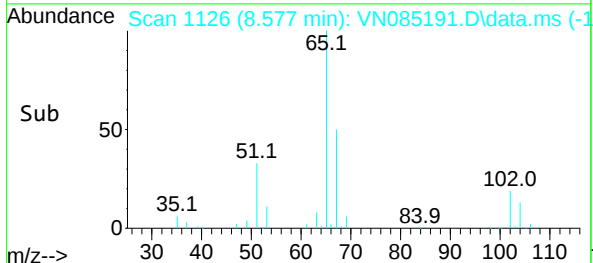
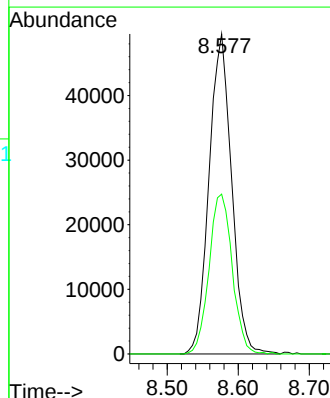
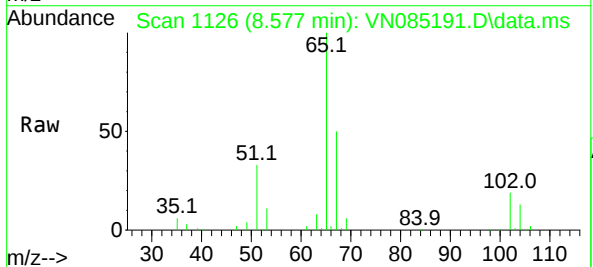
Instrument :
MSVOA_N
ClientSampleId :
VN1213WBL01

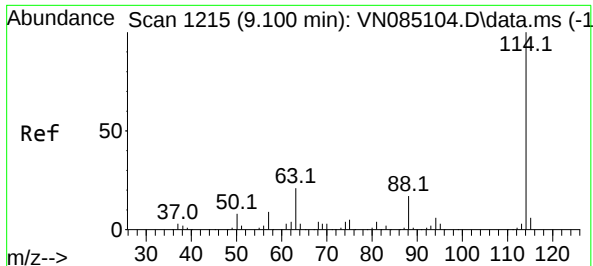
Tgt Ion:168 Resp: 151380
Ion Ratio Lower Upper
168 100
99 60.6 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 50.557 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085191.D
Acq: 13 Dec 2024 12:53

Tgt Ion: 65 Resp: 109015
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085191.D

Acq: 13 Dec 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBL01

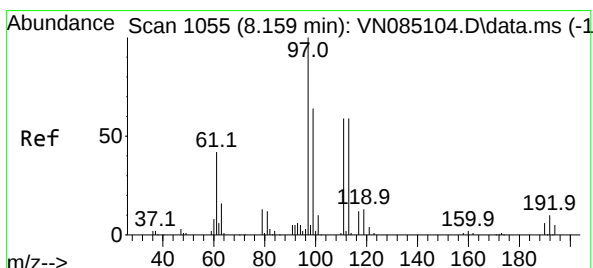
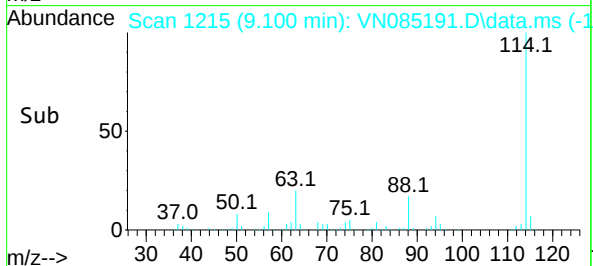
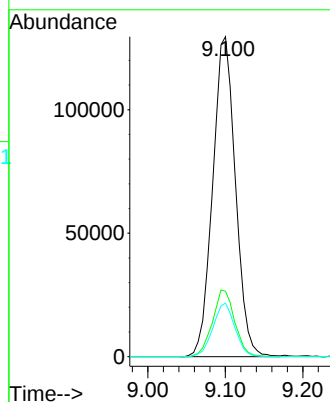
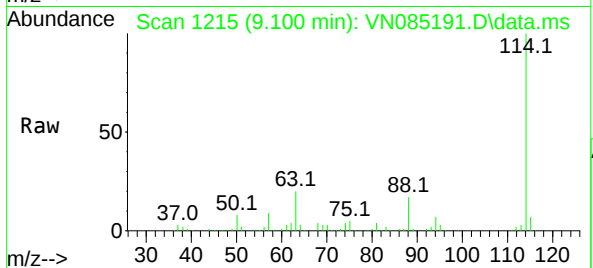
Tgt Ion:114 Resp: 264382

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.0

88 16.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.029 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085191.D

Acq: 13 Dec 2024 12:53

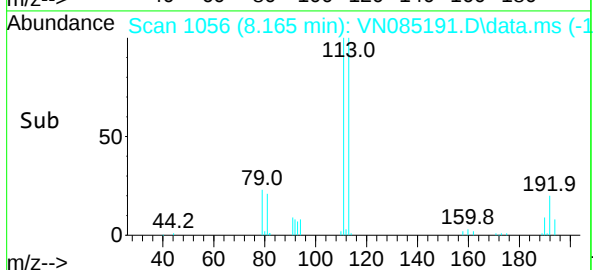
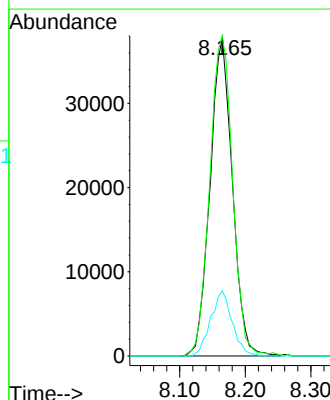
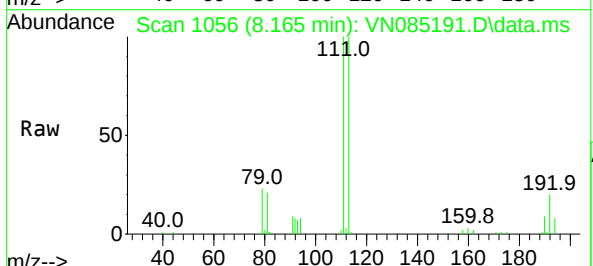
Tgt Ion:113 Resp: 89196

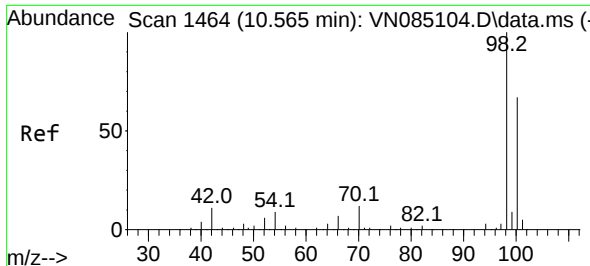
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 19.7 14.8 22.2

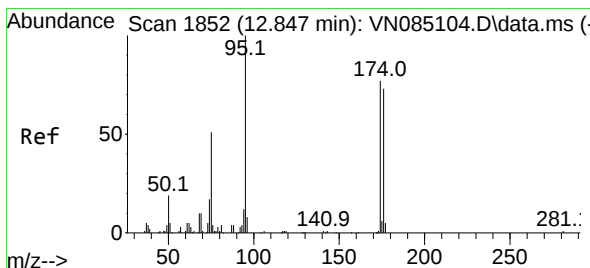
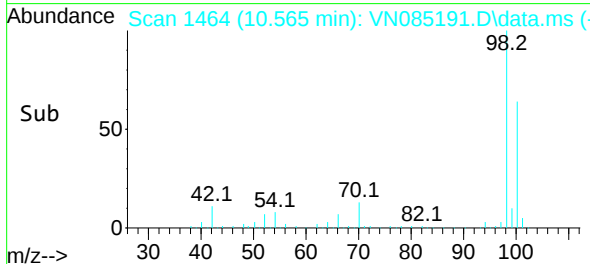
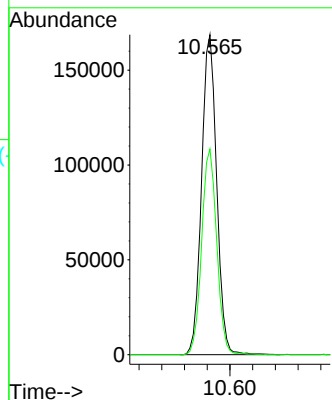
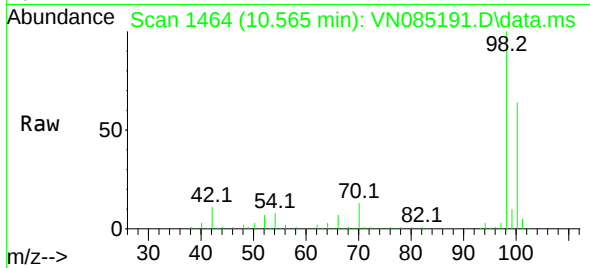




#50
Toluene-d8
Concen: 48.607 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085191.D
Acq: 13 Dec 2024 12:53

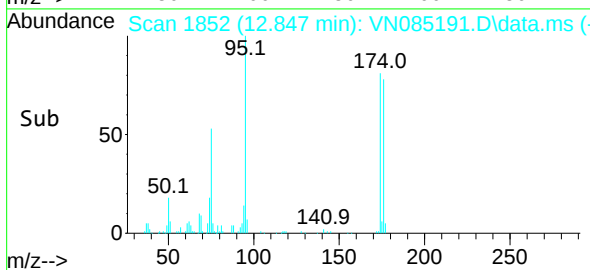
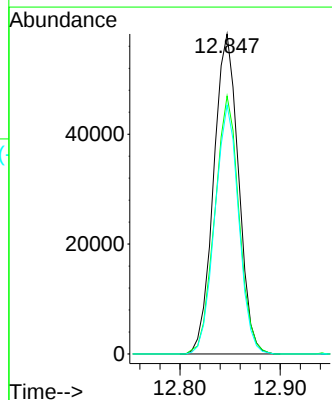
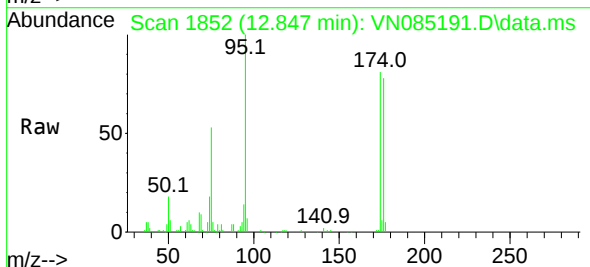
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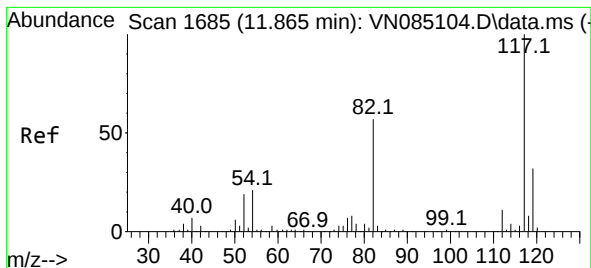
Tgt Ion: 98 Resp: 310576
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.927 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085191.D
Acq: 13 Dec 2024 12:53

Tgt Ion: 95 Resp: 100184
Ion Ratio Lower Upper
95 100
174 78.6 0.0 146.6
176 74.6 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085191.D

Acq: 13 Dec 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN1213WBL01

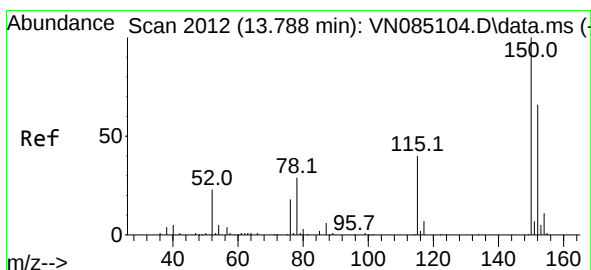
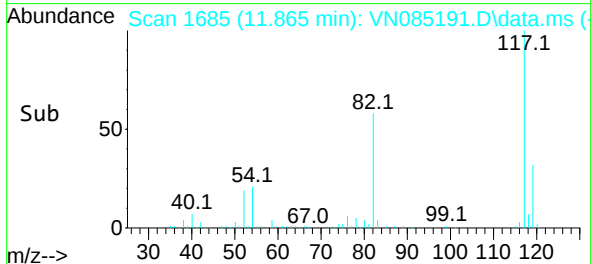
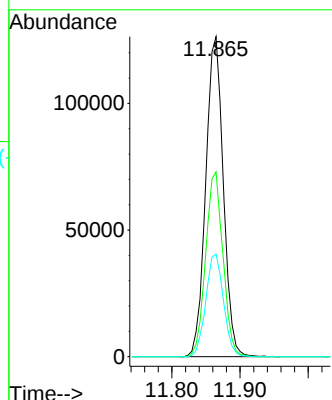
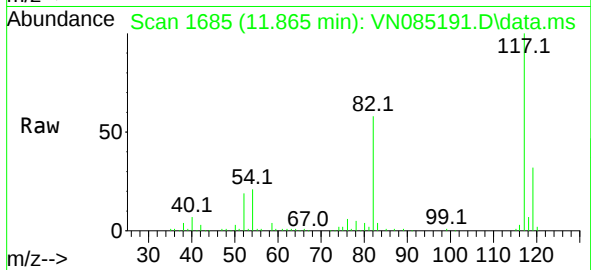
Tgt Ion:117 Resp: 226403

Ion Ratio Lower Upper

117 100

82 57.8 46.0 69.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085191.D

Acq: 13 Dec 2024 12:53

Tgt Ion:152 Resp: 89452

Ion Ratio Lower Upper

152 100

115 61.3 31.7 95.1

150 155.1 0.0 351.4

