

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091824\
 Data File : VN083977.D
 Acq On : 18 Sep 2024 12:53
 Operator : JC\MD
 Sample : VN0918WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBL01

Quant Time: Sep 19 01:30:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	257981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138311	50.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.620%	
35) Dibromofluoromethane	8.165	113	97406	49.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.500%	
50) Toluene-d8	10.565	98	367733	53.781	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	12.847	95	136236	48.293	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.580%	

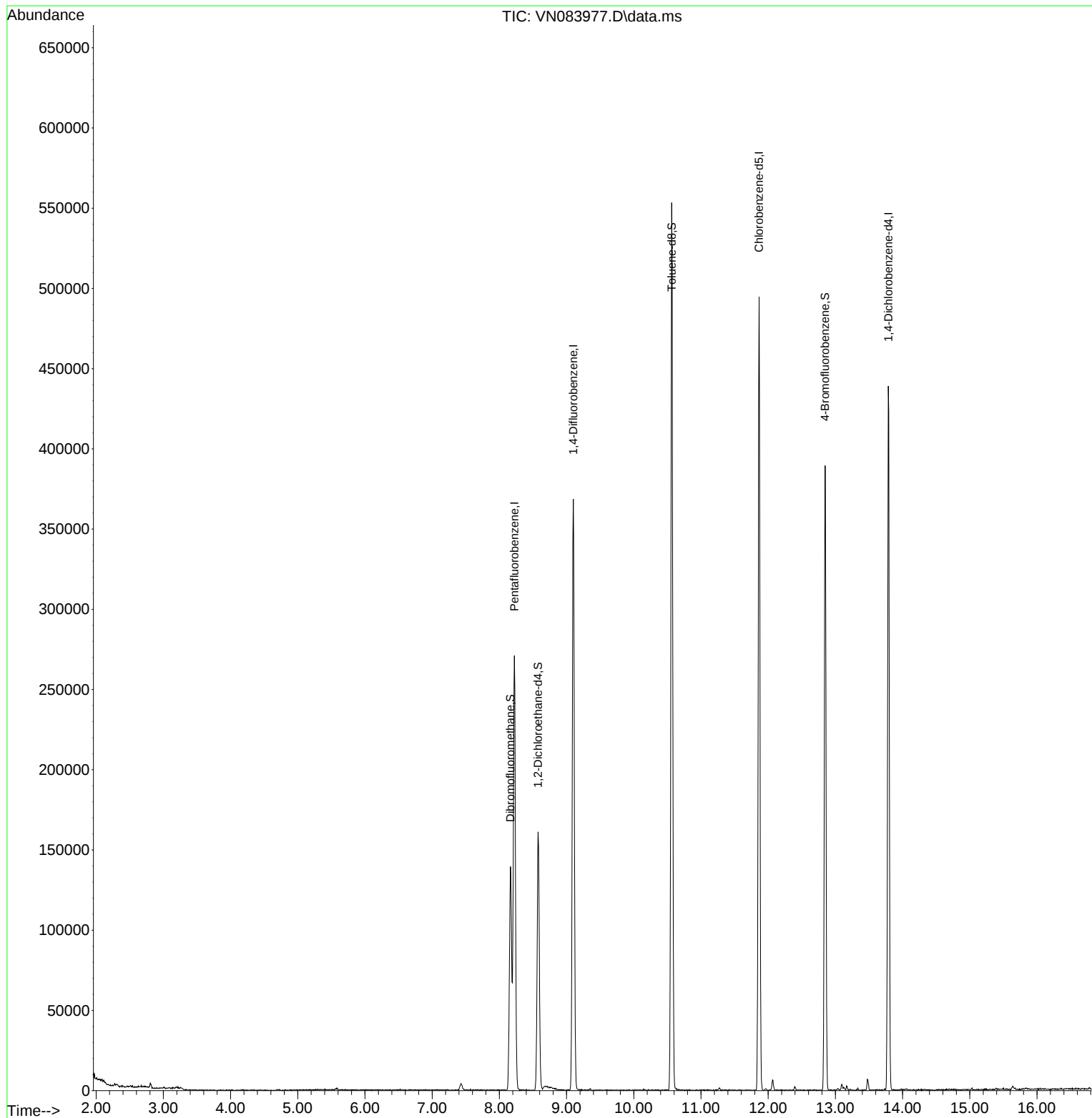
Target Compounds	Qvalue

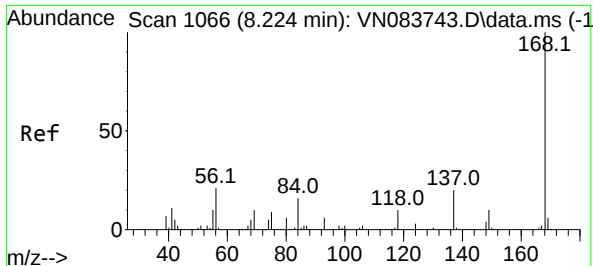
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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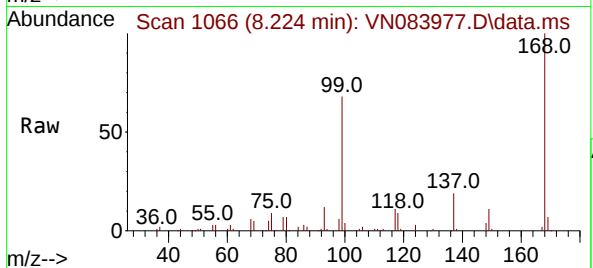
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
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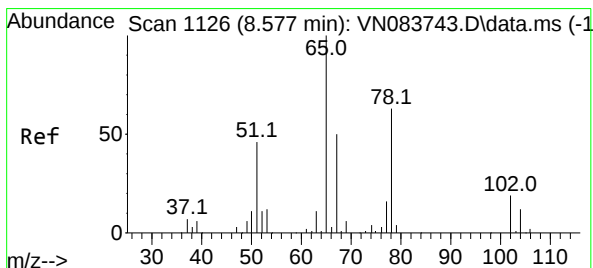
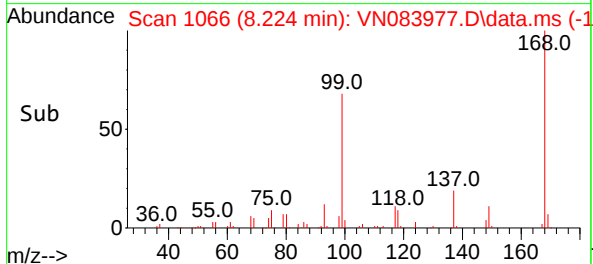
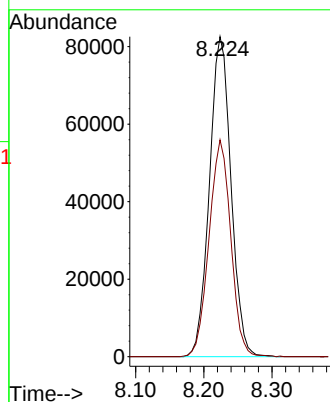


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083977.D
Acq: 18 Sep 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :
VN0918WBL01

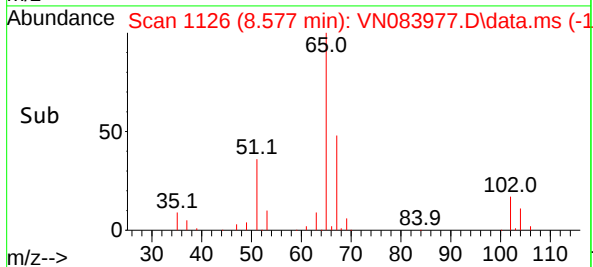
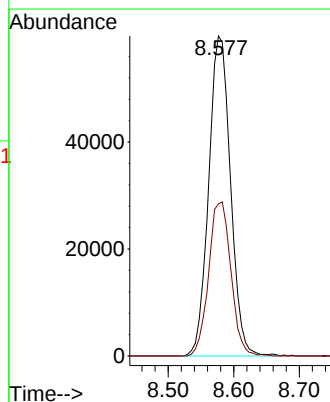
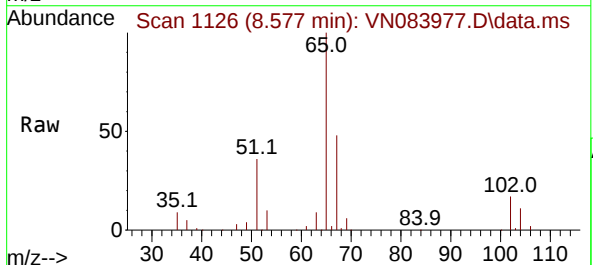


Tgt Ion:168 Resp: 182313
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.313 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083977.D
Acq: 18 Sep 2024 12:53

Tgt Ion: 65 Resp: 138311
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083977.D

Acq: 18 Sep 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBL01

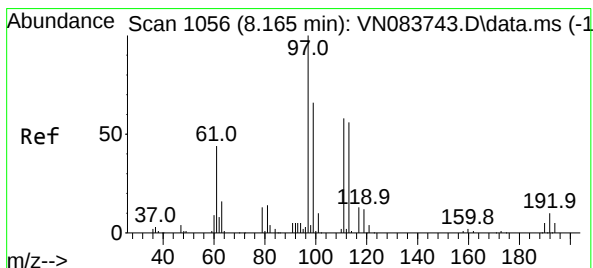
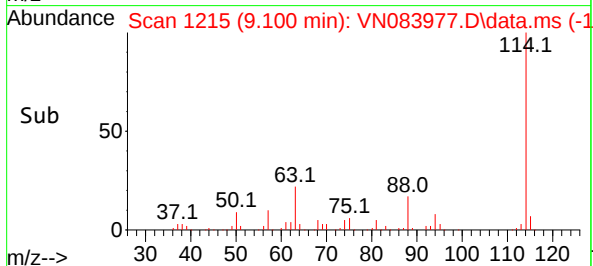
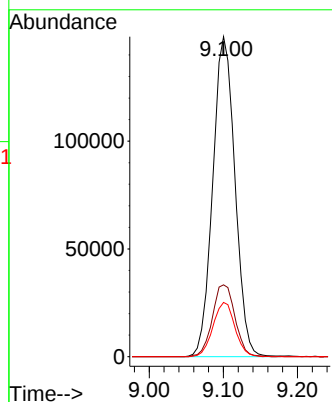
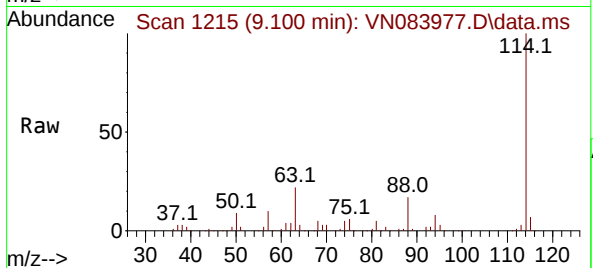
Tgt Ion:114 Resp: 308952

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.4

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.248 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083977.D

Acq: 18 Sep 2024 12:53

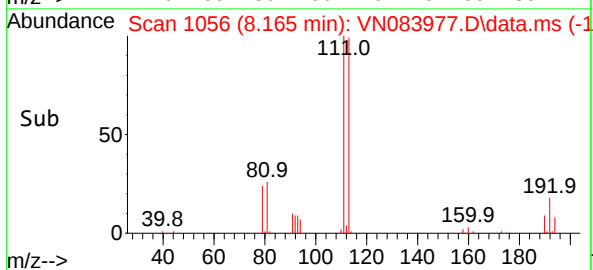
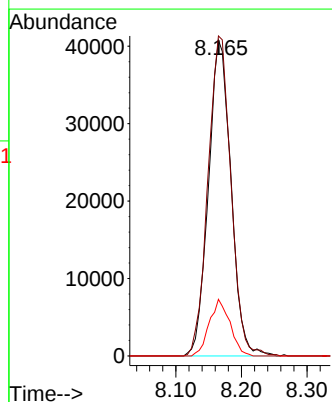
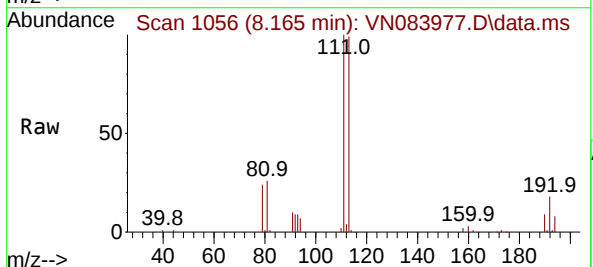
Tgt Ion:113 Resp: 97406

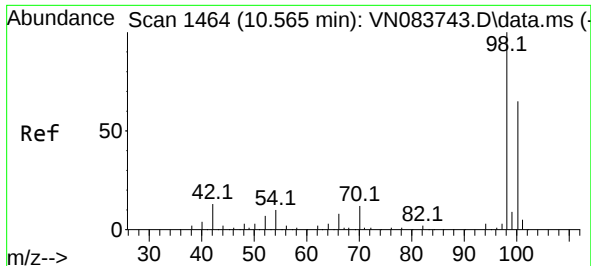
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 16.5 14.3 21.5

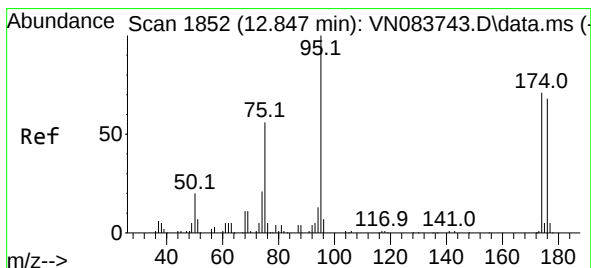
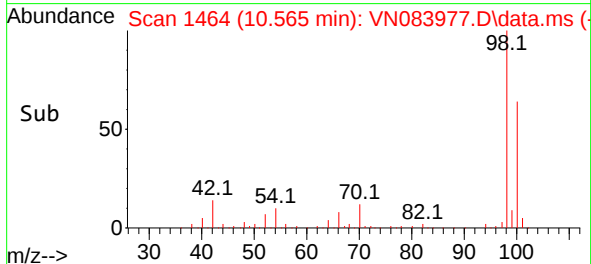
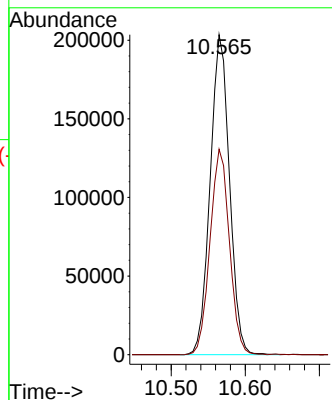
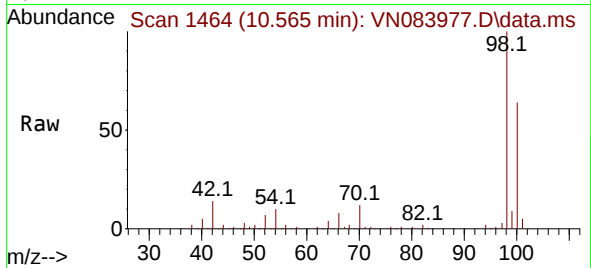




#50
Toluene-d8
Concen: 53.781 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083977.D
Acq: 18 Sep 2024 12:53

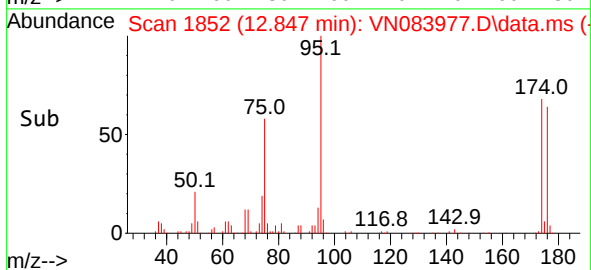
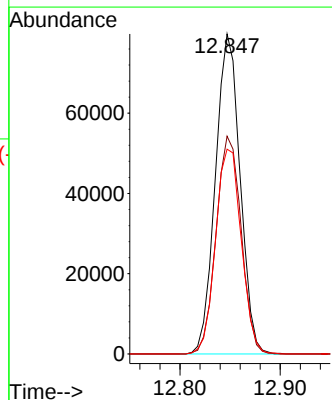
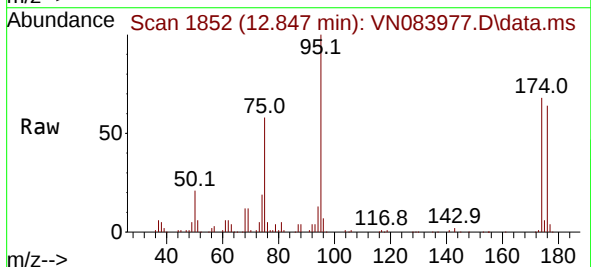
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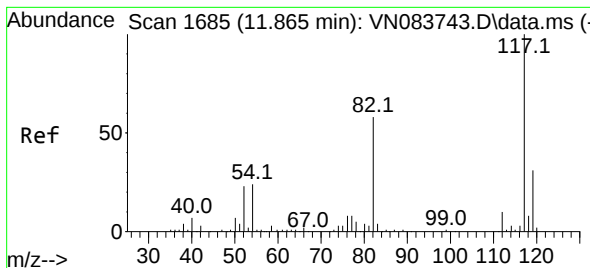
Tgt Ion: 98 Resp: 367733
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.293 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083977.D
Acq: 18 Sep 2024 12:53

Tgt Ion: 95 Resp: 136236
Ion Ratio Lower Upper
95 100
174 69.1 0.0 139.8
176 66.9 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083977.D

Acq: 18 Sep 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :

VN0918WBL01

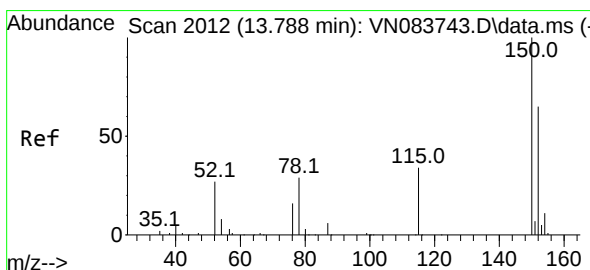
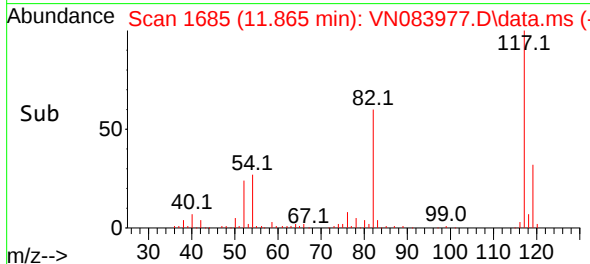
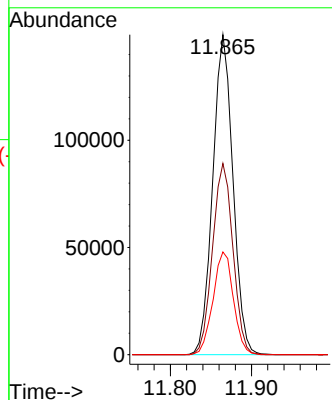
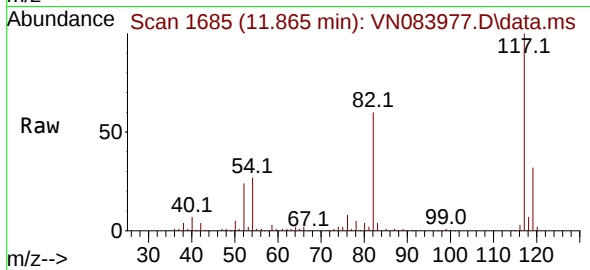
Tgt Ion:117 Resp: 257981

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN083977.D

Acq: 18 Sep 2024 12:53

Tgt Ion:152 Resp: 110586

Ion Ratio Lower Upper

152 100

115 63.6 32.2 96.6

150 158.2 0.0 348.6

