

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083792.D
 Acq On : 11 Sep 2024 13:33
 Operator : JC\MD
 Sample : VN0911MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911MBL01

Quant Time: Sep 12 02:07:08 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	8.218	168	111656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	234183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	89811	53.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.680%	
35) Dibromofluoromethane	8.165	113	70600	47.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.180%	
50) Toluene-d8	10.565	98	255942	49.382	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	12.847	95	112234	52.487	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.980%	

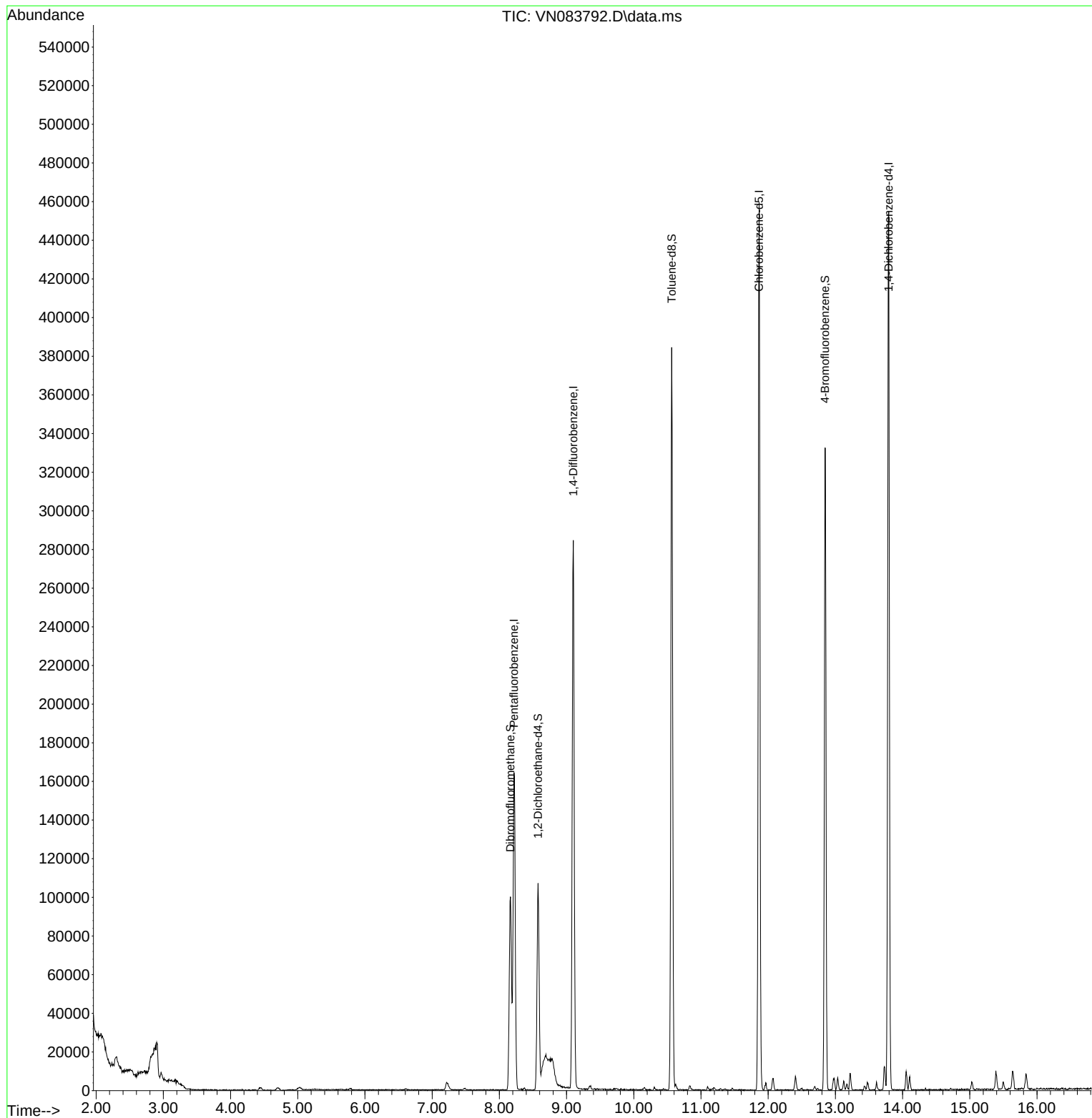
Target Compounds	Qvalue

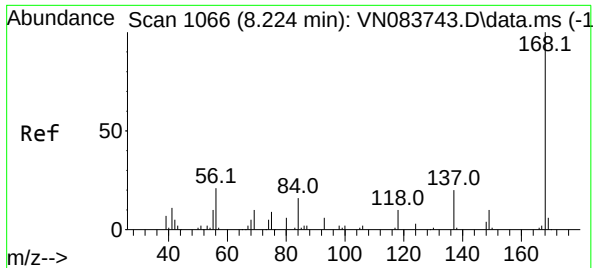
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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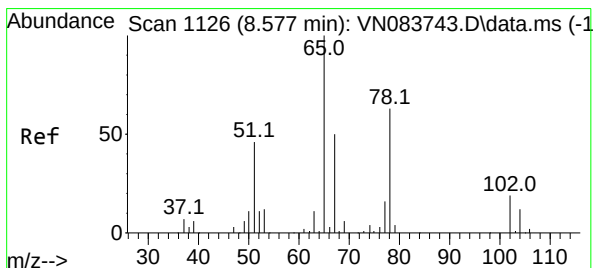
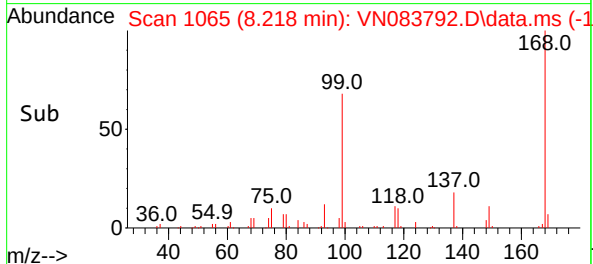
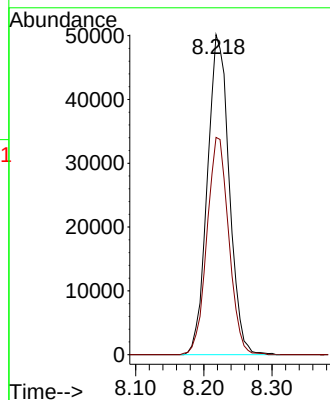
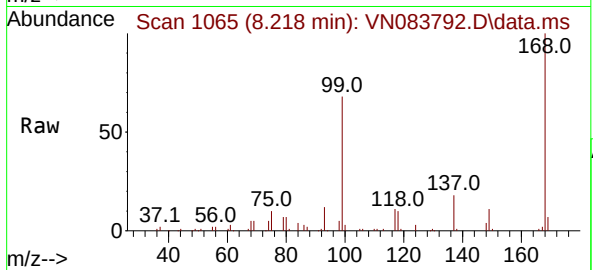




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VN083792.D
Acq: 11 Sep 2024 13:33

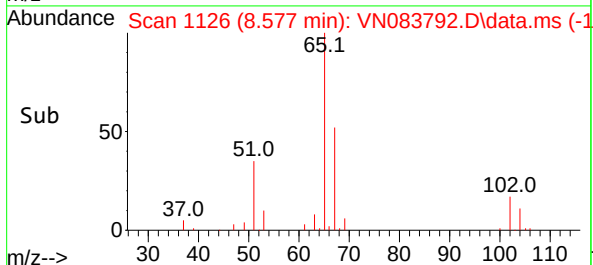
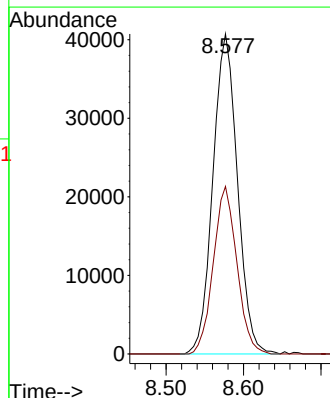
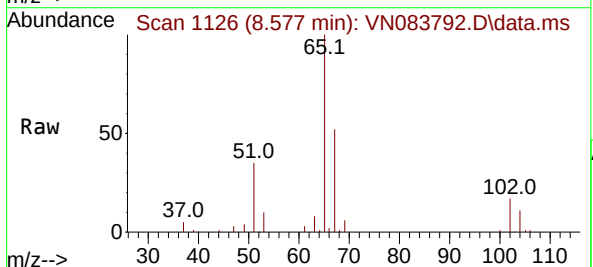
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

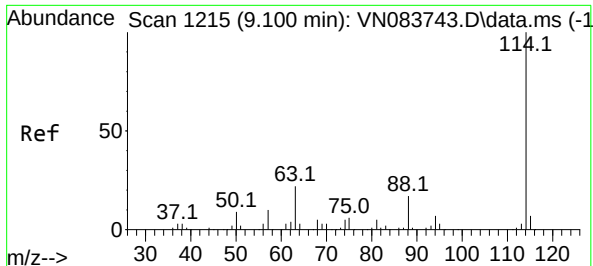
Tgt Ion:168 Resp: 111656
Ion Ratio Lower Upper
168 100
99 67.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 53.344 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083792.D
Acq: 11 Sep 2024 13:33

Tgt Ion: 65 Resp: 89811
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8

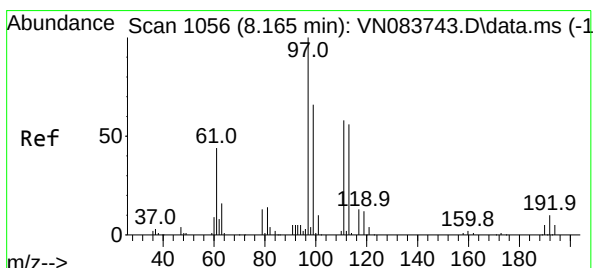
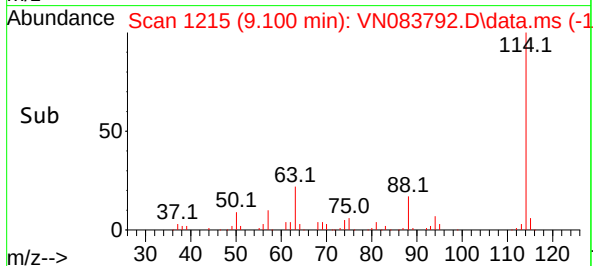
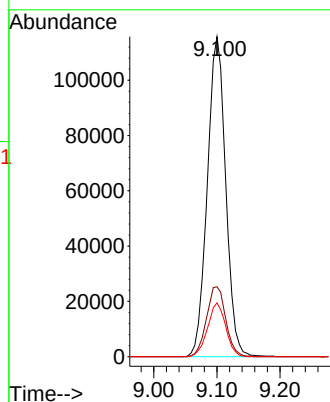
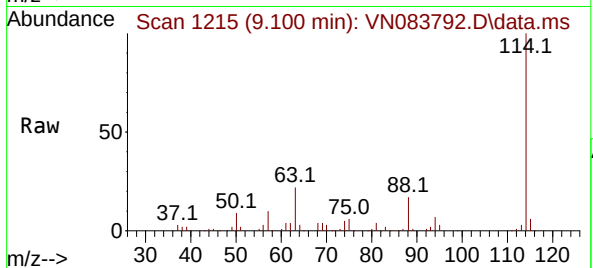




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083792.D
Acq: 11 Sep 2024 13:33

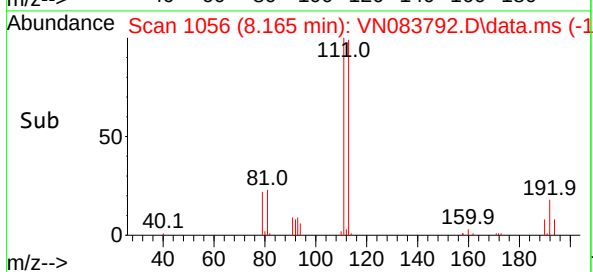
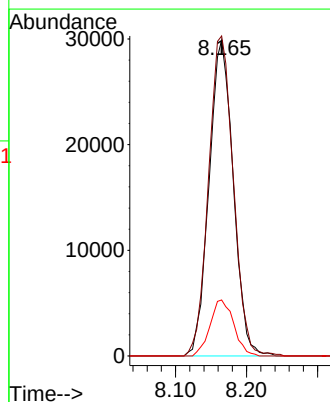
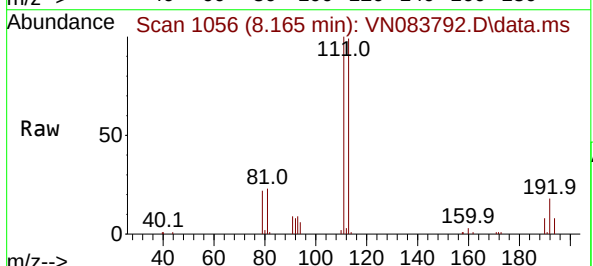
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

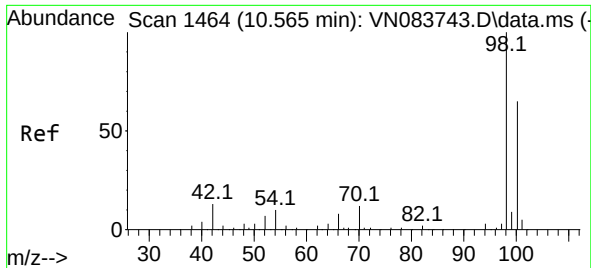
Tgt Ion:114 Resp: 234183
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.4
88 16.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.091 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083792.D
Acq: 11 Sep 2024 13:33

Tgt Ion:113 Resp: 70600
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 17.4 14.3 21.5

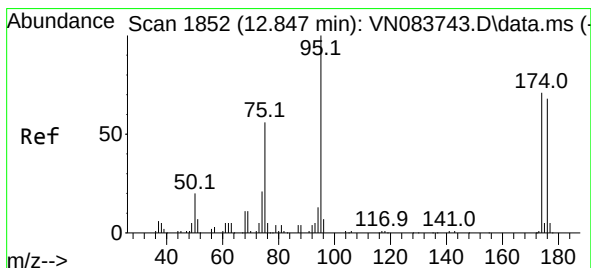
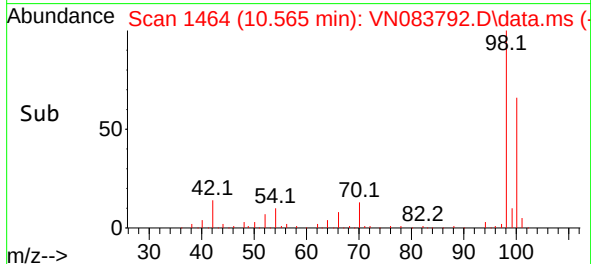
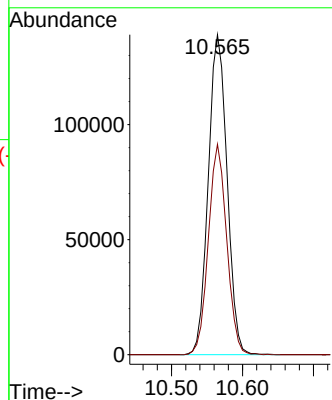
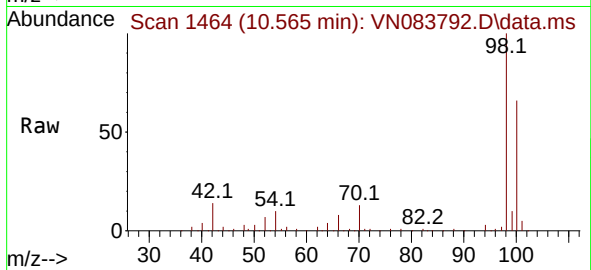




#50
Toluene-d8
Concen: 49.382 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083792.D
Acq: 11 Sep 2024 13:33

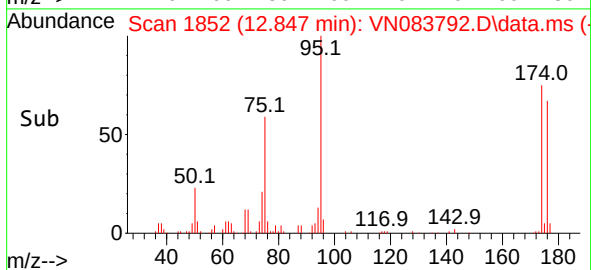
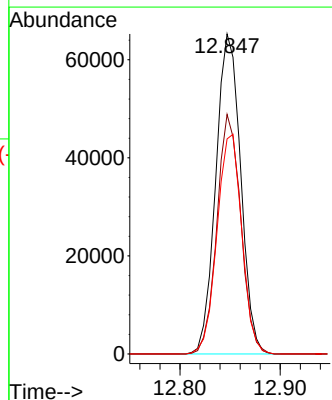
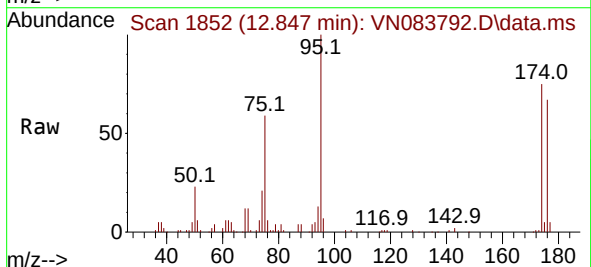
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

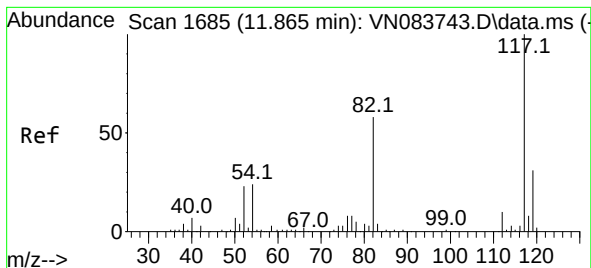
Tgt Ion: 98 Resp: 255942
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.487 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083792.D
Acq: 11 Sep 2024 13:33

Tgt Ion: 95 Resp: 112234
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 68.6 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: VN083792.D

Acq: 11 Sep 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0911MBL01

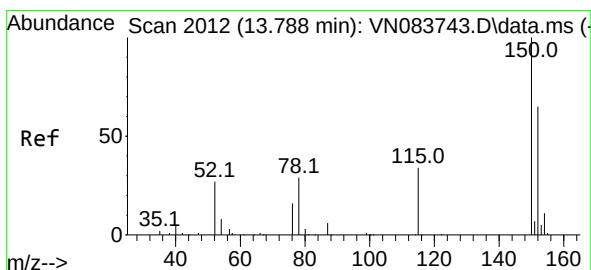
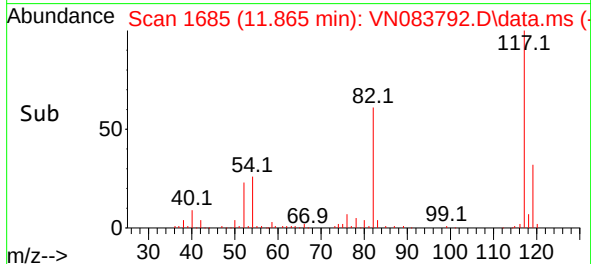
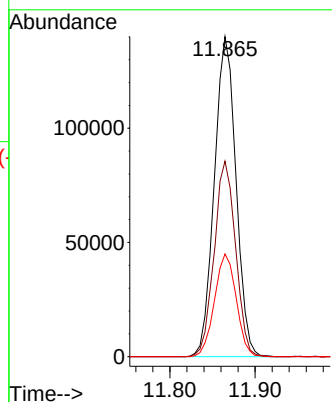
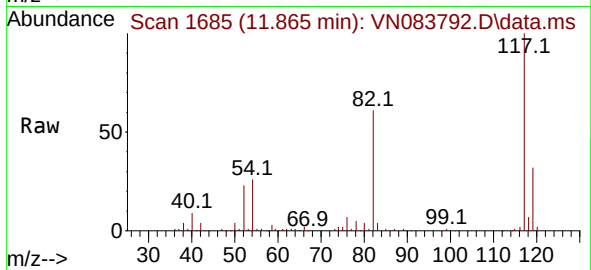
Tgt Ion:117 Resp: 247196

Ion Ratio Lower Upper

117 100

82 61.1 47.4 71.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083792.D

Acq: 11 Sep 2024 13:33

Tgt Ion:152 Resp: 114439

Ion Ratio Lower Upper

152 100

115 64.9 32.2 96.6

150 158.1 0.0 348.6

