

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083767.D
 Acq On : 11 Sep 2024 03:15
 Operator : JC\MD
 Sample : VN0910WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBL04

Quant Time: Sep 11 05:16:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 03:05:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	123972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	98823	52.866	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.740%	
35) Dibromofluoromethane	8.165	113	80014	48.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.840%	
50) Toluene-d8	10.565	98	277340	48.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	12.847	95	129036	54.749	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.500%	

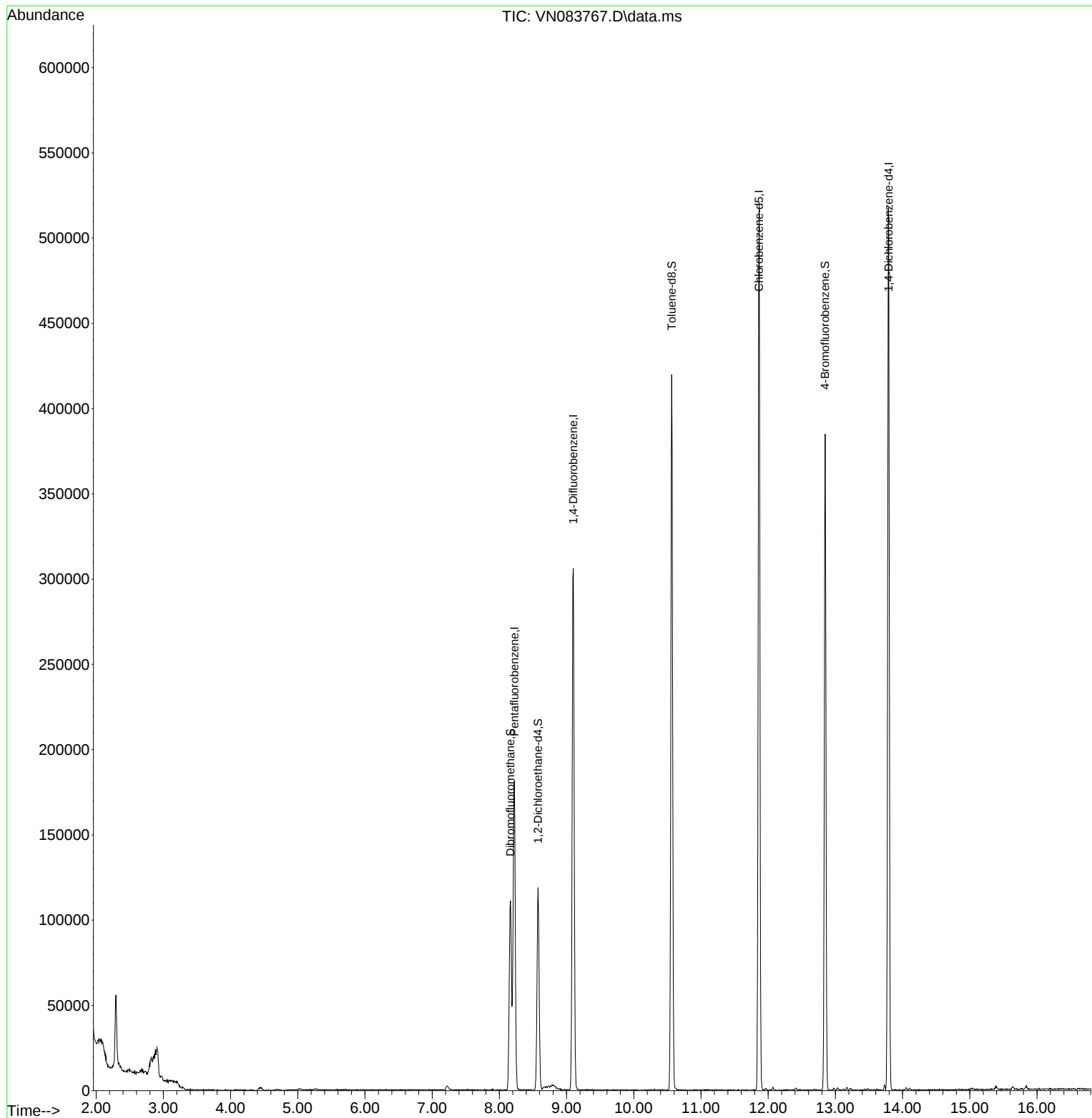
Target Compounds	Qvalue

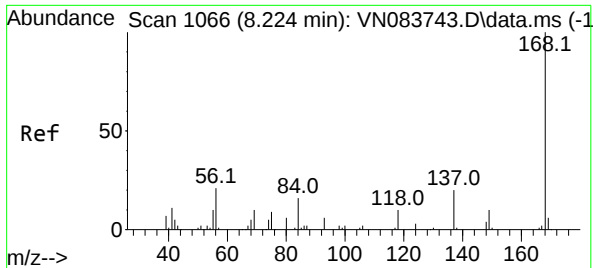
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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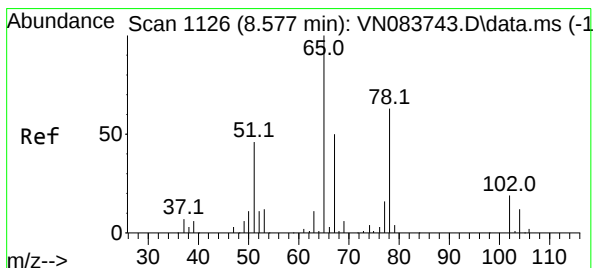
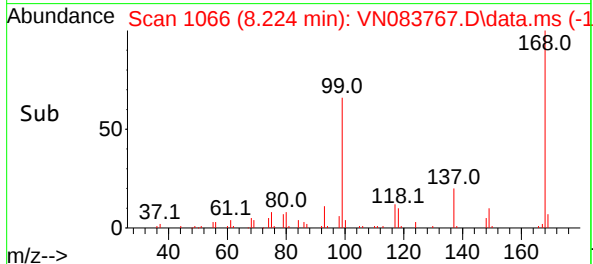
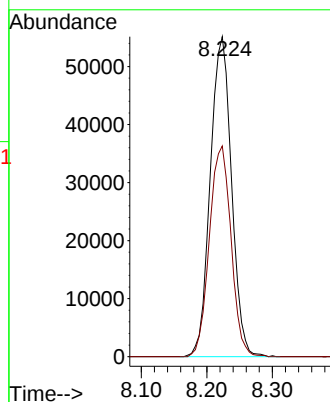
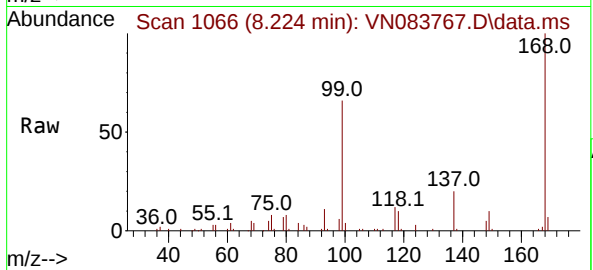




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

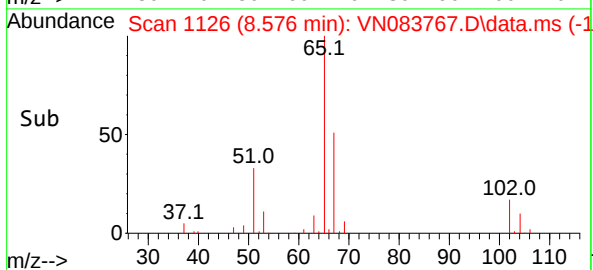
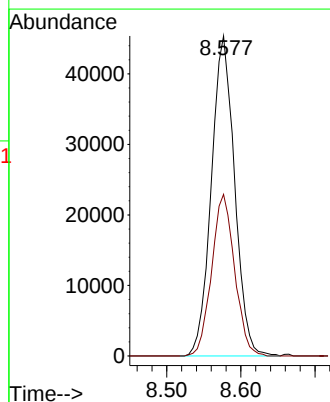
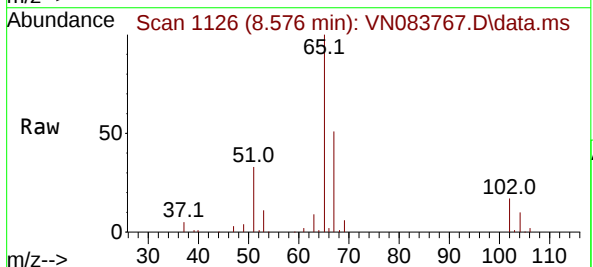
Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL04

Tgt Ion:168 Resp: 123972
Ion Ratio Lower Upper
168 100
99 65.8 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 52.866 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Tgt Ion: 65 Resp: 98823
Ion Ratio Lower Upper
65 100
67 49.8 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: VN083767.D

Acq: 11 Sep 2024 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN0910WBL04

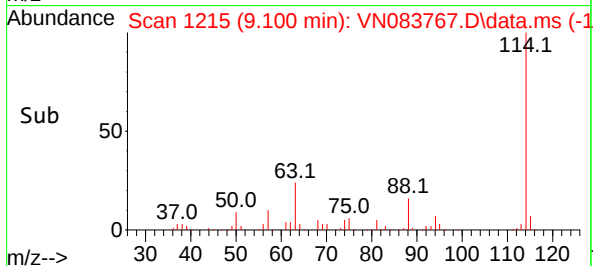
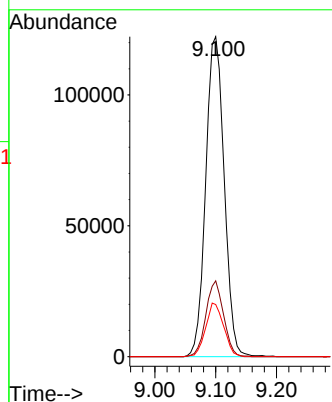
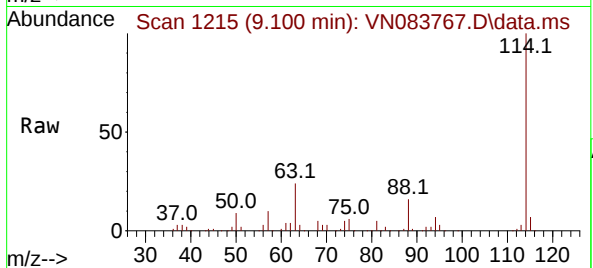
Tgt Ion:114 Resp: 258117

Ion Ratio Lower Upper

114 100

63 23.7 0.0 43.4

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.422 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083767.D

Acq: 11 Sep 2024 03:15

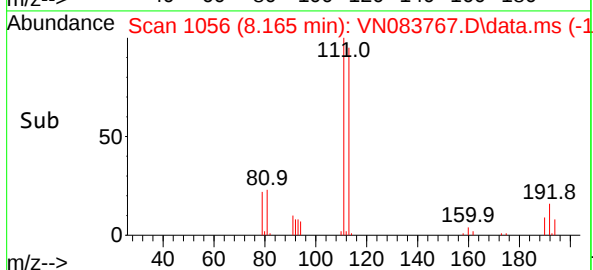
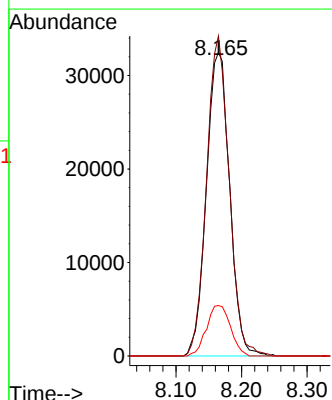
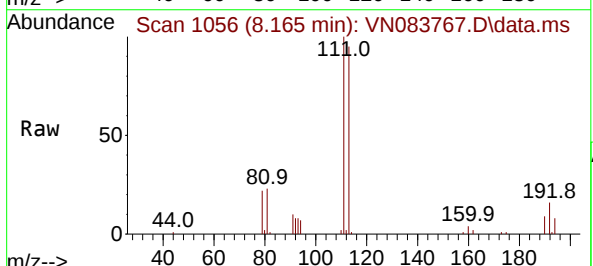
Tgt Ion:113 Resp: 80014

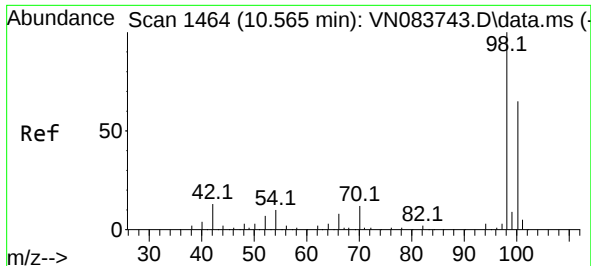
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 17.2 14.3 21.5

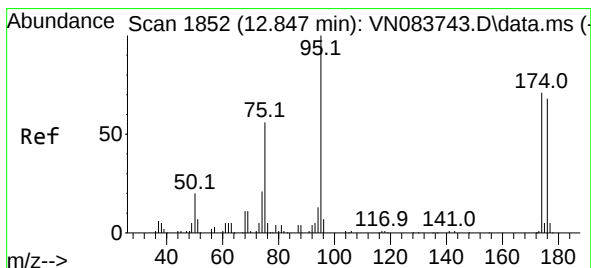
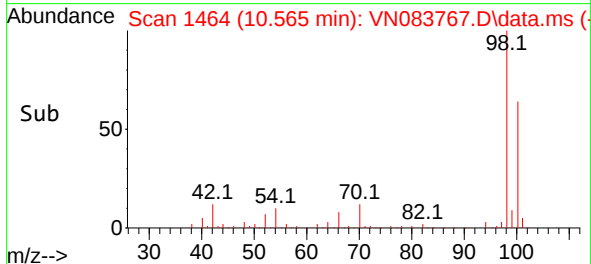
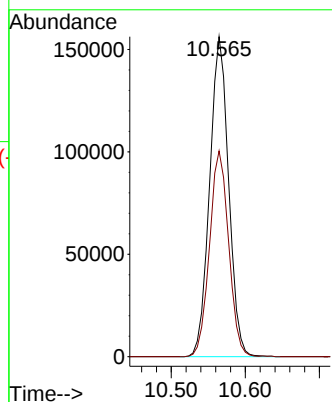
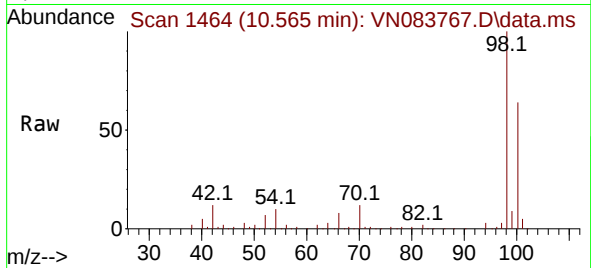




#50
Toluene-d8
Concen: 48.549 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

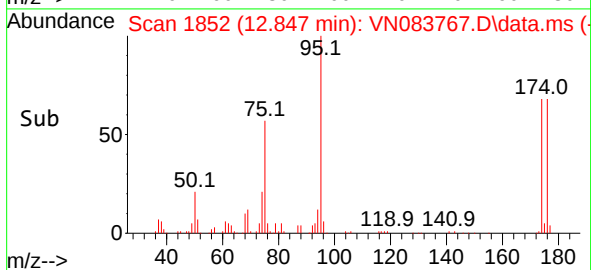
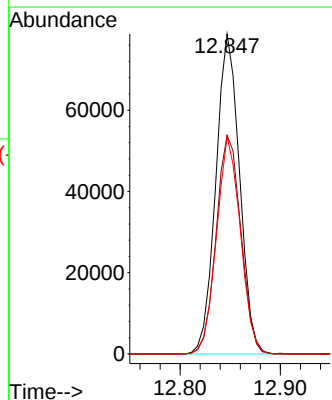
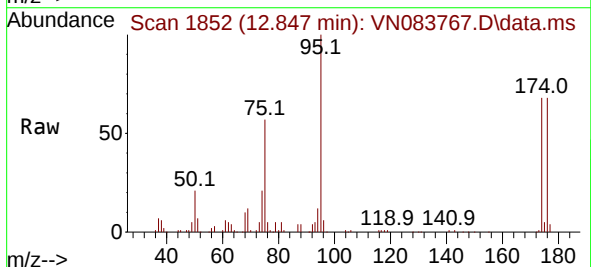
Instrument :
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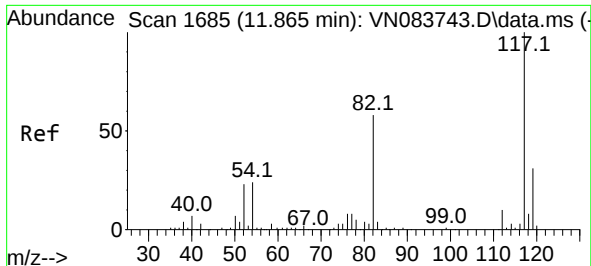
Tgt Ion: 98 Resp: 277340
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.749 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Tgt Ion: 95 Resp: 129036
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.3 0.0 131.4

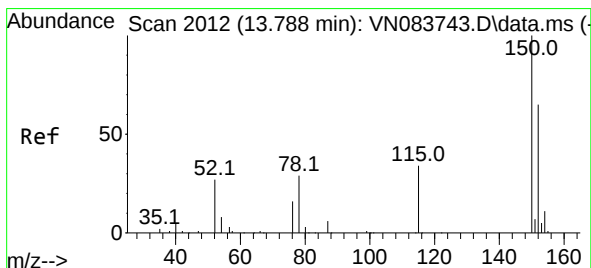
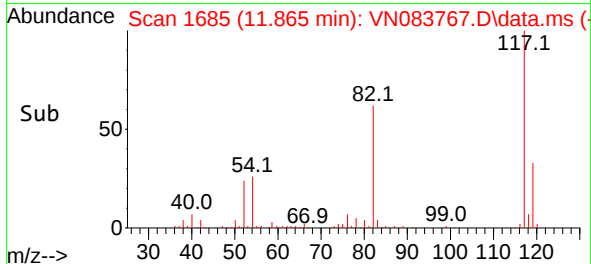
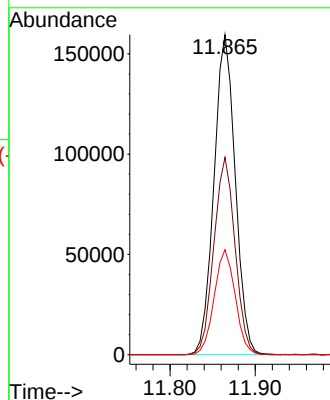
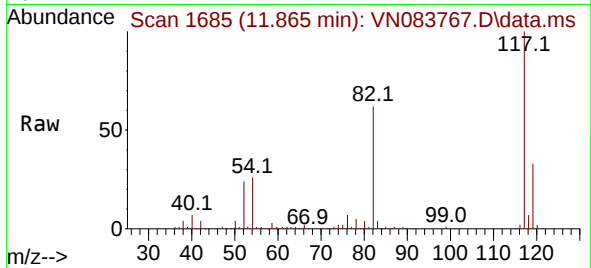




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083767.D
Acq: 11 Sep 2024 03:15

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL04

Tgt Ion:117 Resp: 277034
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.0
119 32.8 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: VN083767.D
Acq: 11 Sep 2024 03:15

Tgt Ion:152 Resp: 132094
Ion Ratio Lower Upper
152 100
115 63.9 32.2 96.6
150 157.7 0.0 348.6

