

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083639.D
 Acq On : 04 Sep 2024 10:53
 Operator : JC\MD
 Sample : VN0904WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBL01

Quant Time: Sep 05 01:50:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	142171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105531	53.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.220%	
35) Dibromofluoromethane	8.165	113	86403	49.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.840%	
50) Toluene-d8	10.565	98	309156	45.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.820%	
62) 4-Bromofluorobenzene	12.847	95	138918	55.638	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.280%	

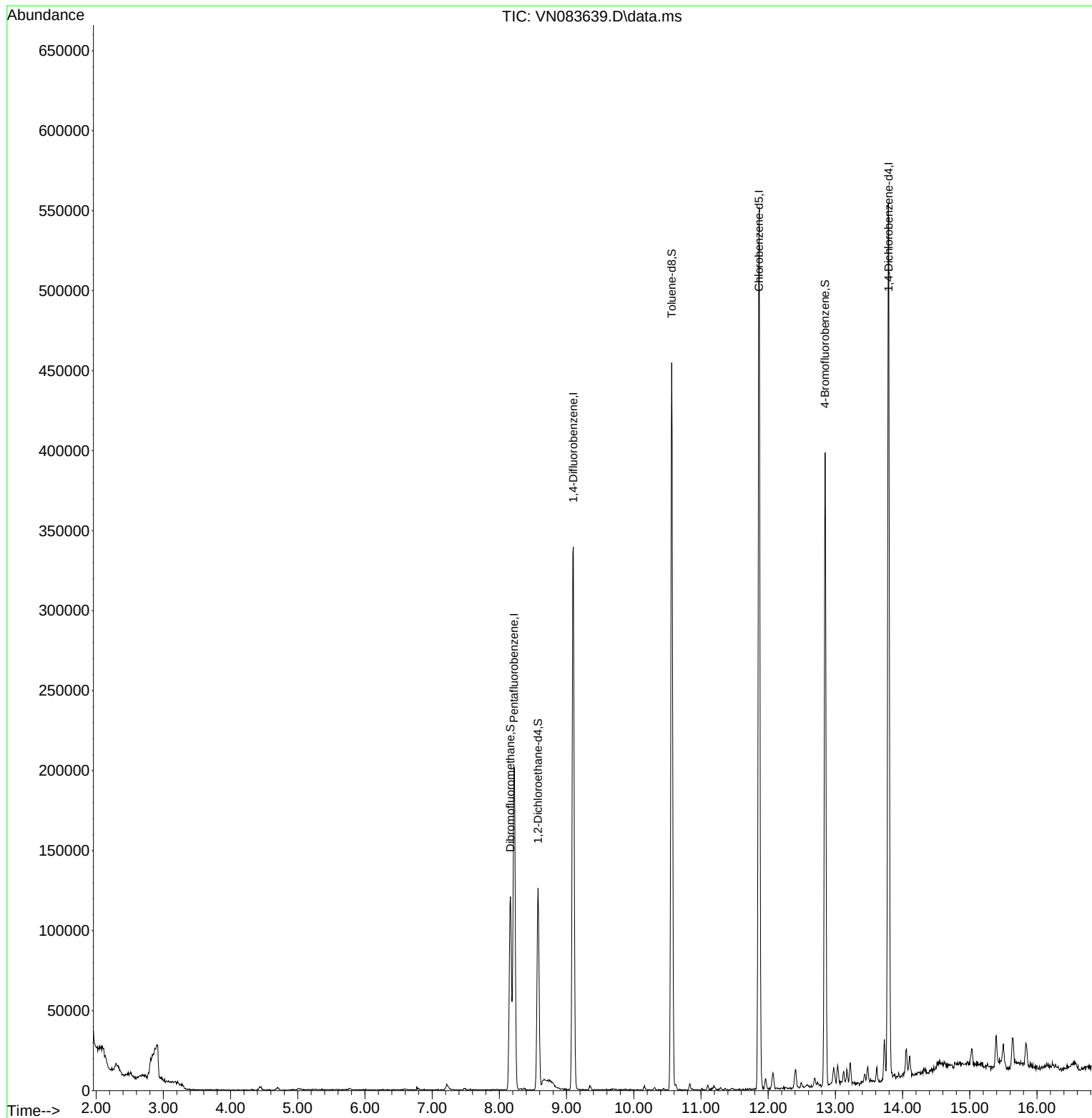
Target Compounds	Qvalue

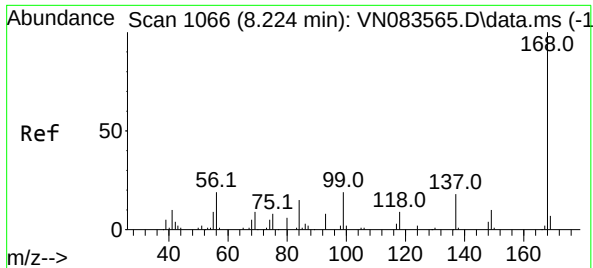
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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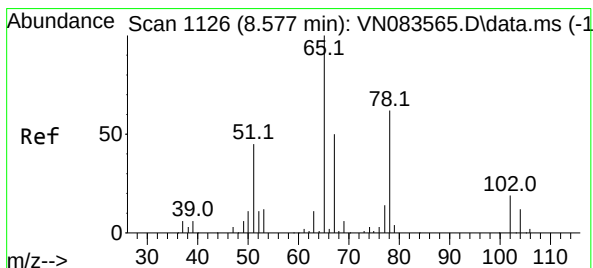
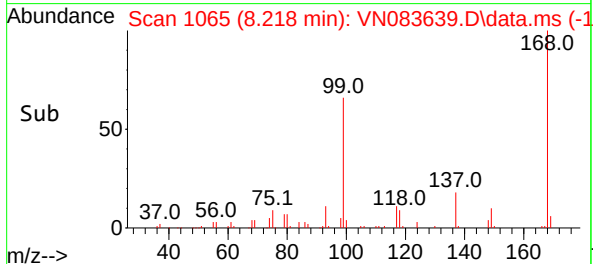
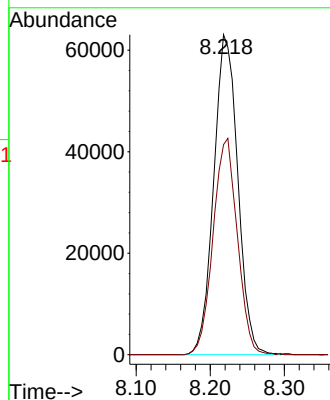
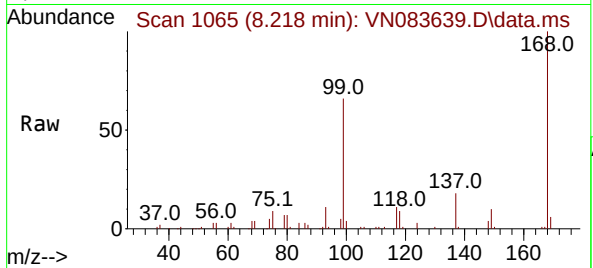




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

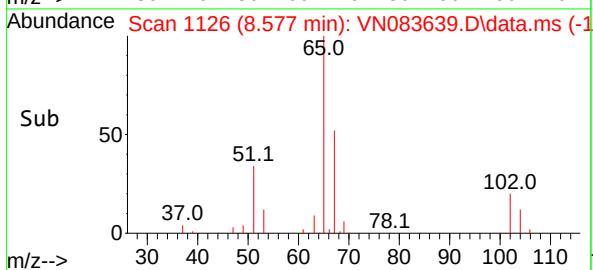
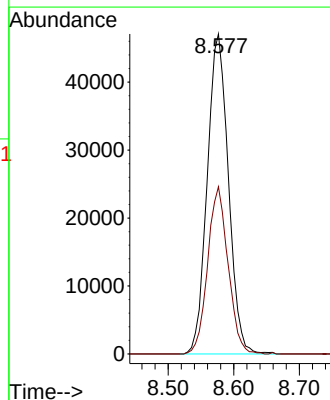
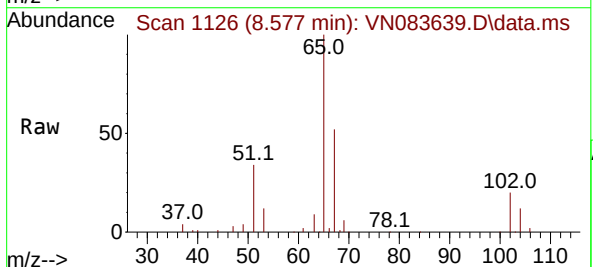
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBL01

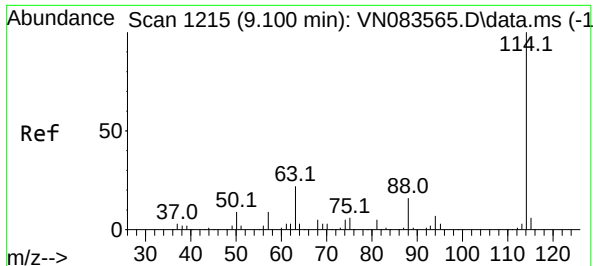
Tgt Ion:168 Resp: 142171
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 53.111 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 65 Resp: 105531
Ion Ratio Lower Upper
65 100
67 50.4 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: VN083639.D

Acq: 04 Sep 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBL01

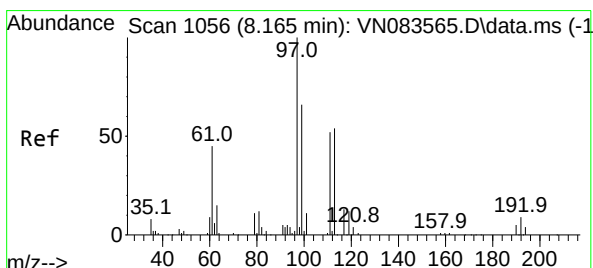
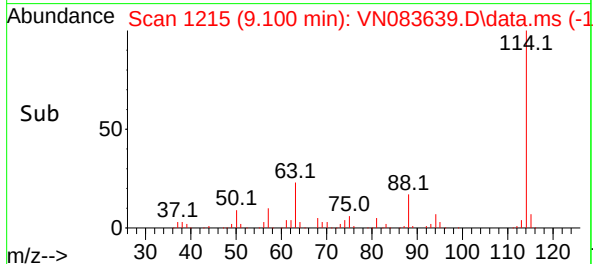
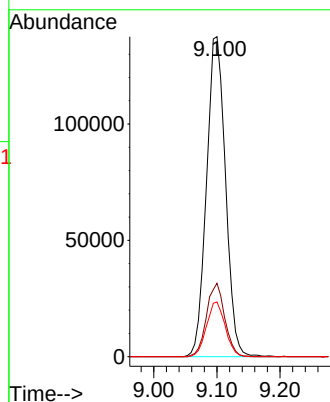
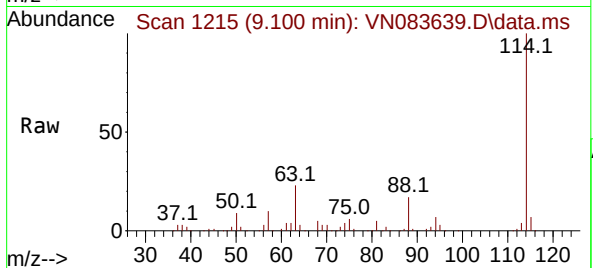
Tgt Ion:114 Resp: 287570

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.920 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083639.D

Acq: 04 Sep 2024 10:53

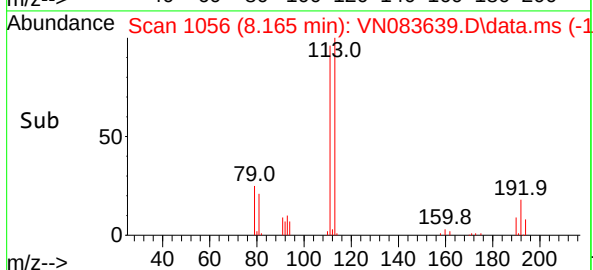
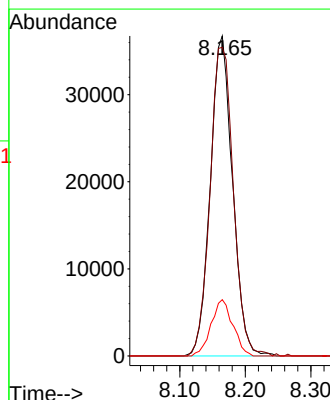
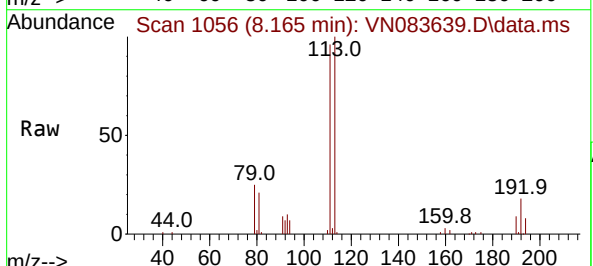
Tgt Ion:113 Resp: 86403

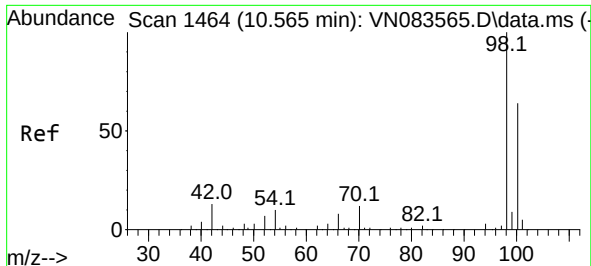
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 17.2 14.3 21.5

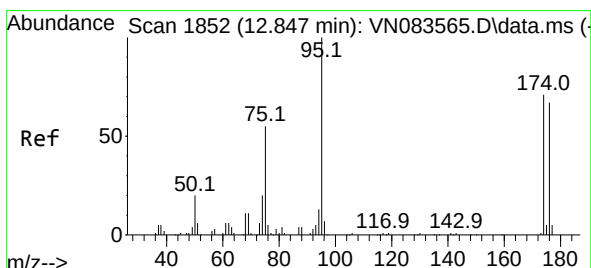
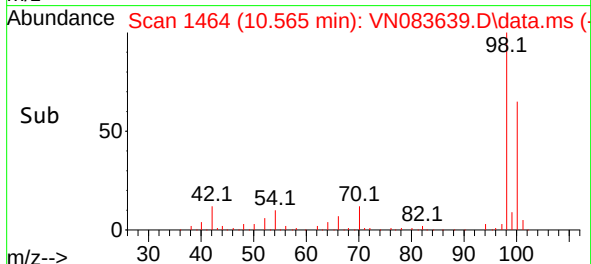
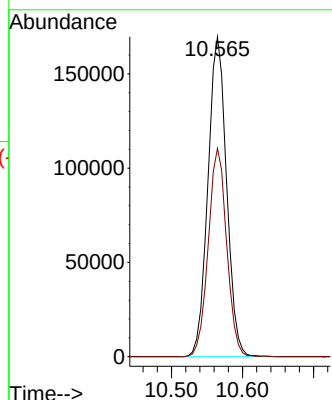
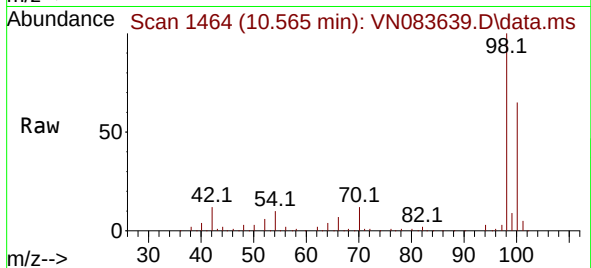




#50
Toluene-d8
Concen: 45.911 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

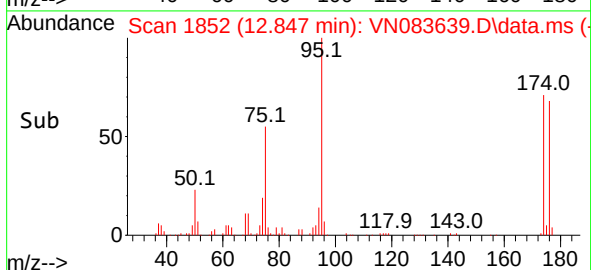
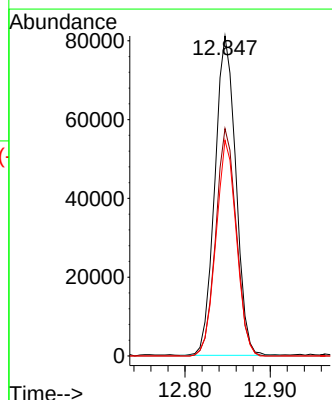
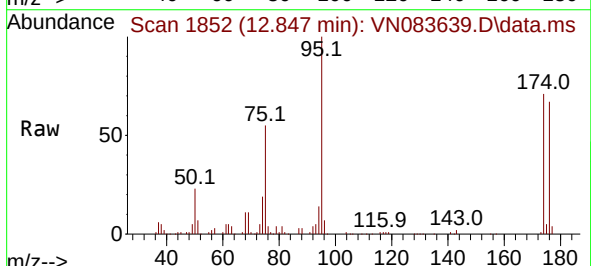
Instrument :
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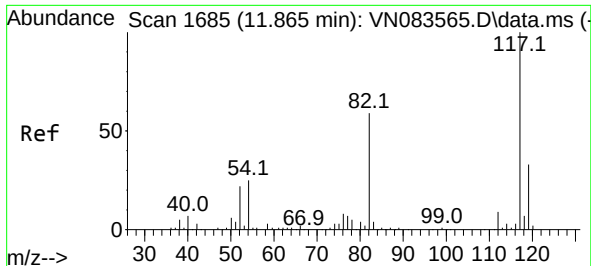
Tgt Ion: 98 Resp: 309156
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.638 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion: 95 Resp: 138918
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 65.9 0.0 131.4

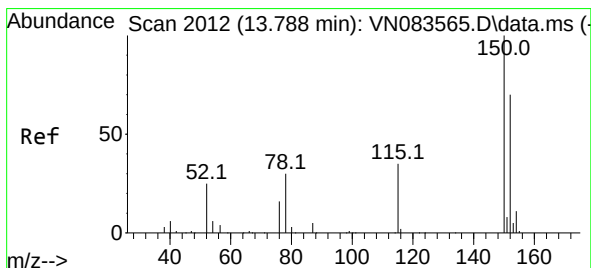
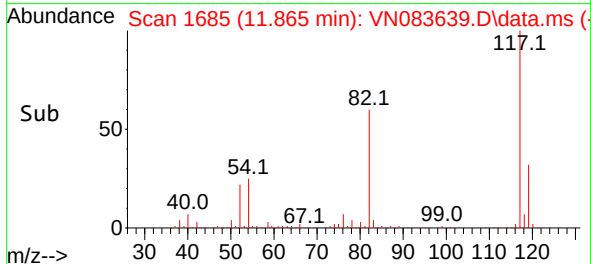
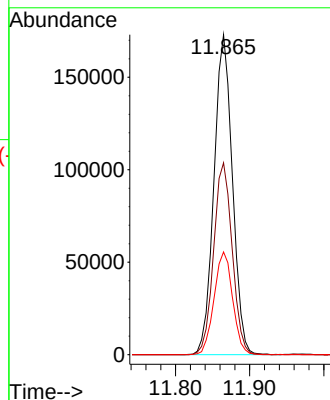
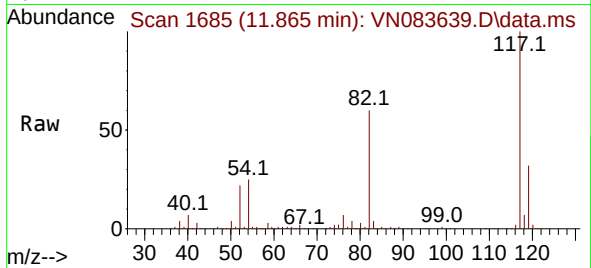




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083639.D
Acq: 04 Sep 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBL01

Tgt Ion:117 Resp: 299450
Ion Ratio Lower Upper
117 100
82 60.0 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: VN083639.D
Acq: 04 Sep 2024 10:53

Tgt Ion:152 Resp: 136887
Ion Ratio Lower Upper
152 100
115 66.3 32.2 96.6
150 164.3 0.0 348.6

