

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083648.D
 Acq On : 04 Sep 2024 14:42
 Operator : JC\MD
 Sample : P3777-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-082824

Quant Time: Sep 05 02:26:21 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	8.224	168	157687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	318912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121072	54.937	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.880%	
35) Dibromofluoromethane	8.165	113	98532	51.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.660%	
50) Toluene-d8	10.565	98	355884	47.613	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	12.847	95	164395	59.371	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 118.740%	

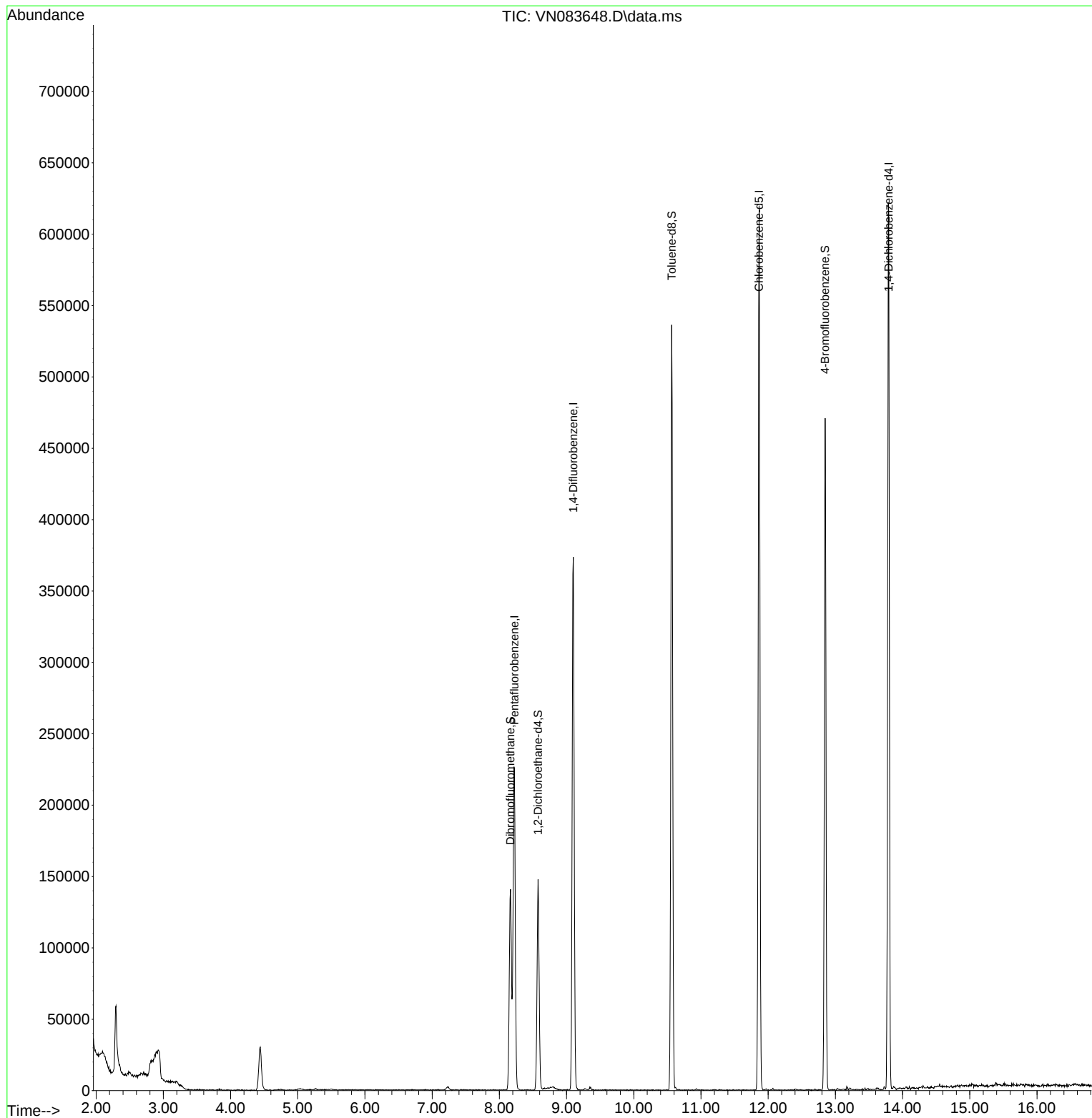
Target Compounds	Qvalue

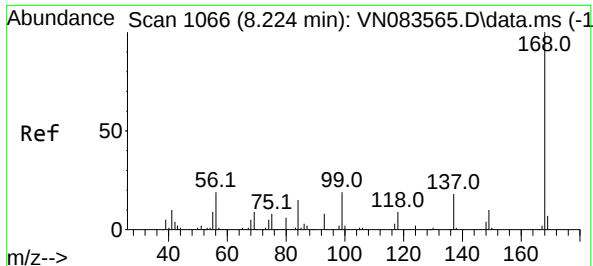
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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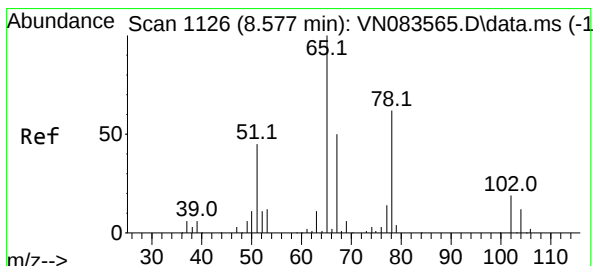
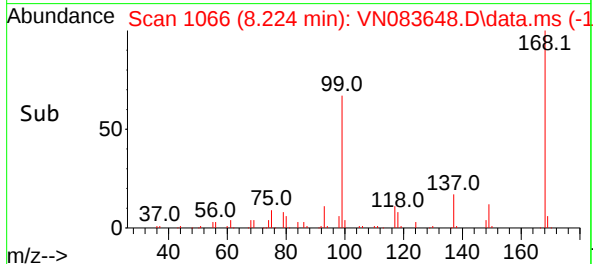
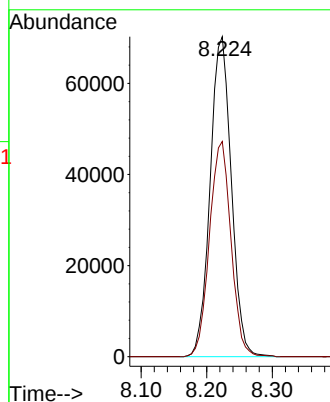
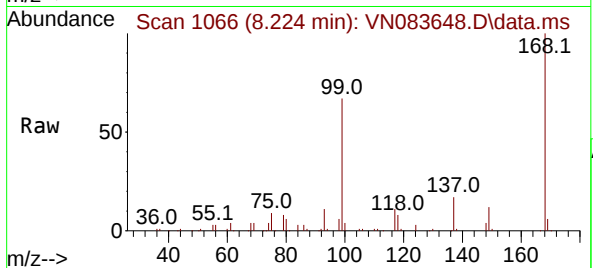




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

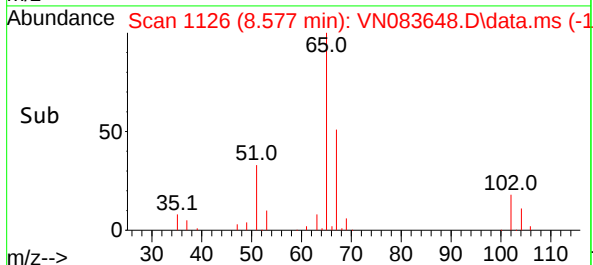
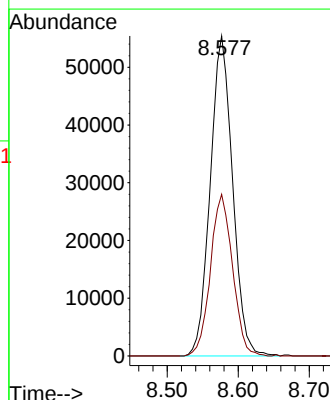
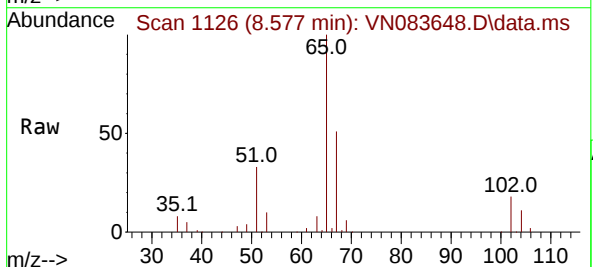
Instrument :
MSVOA_N
ClientSampleId :
TB01-082824

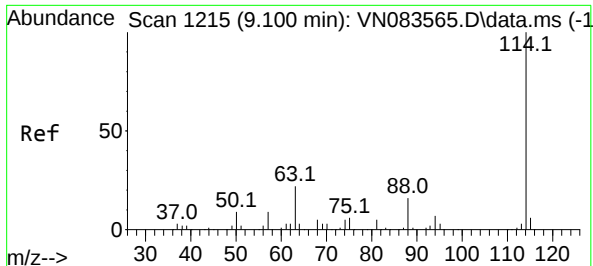
Tgt Ion:168 Resp: 157687
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 54.937 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion: 65 Resp: 121072
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8

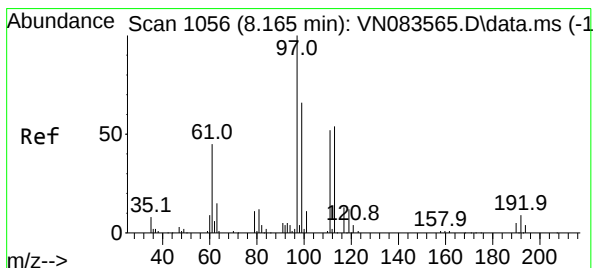
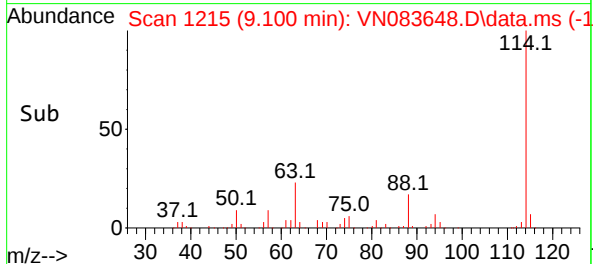
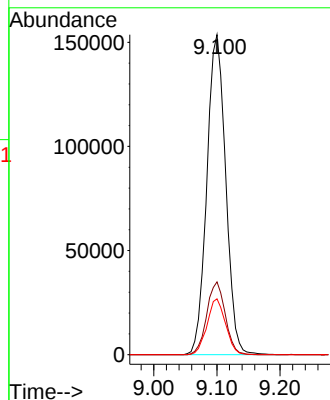
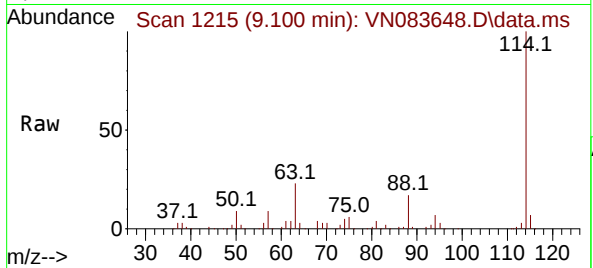




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

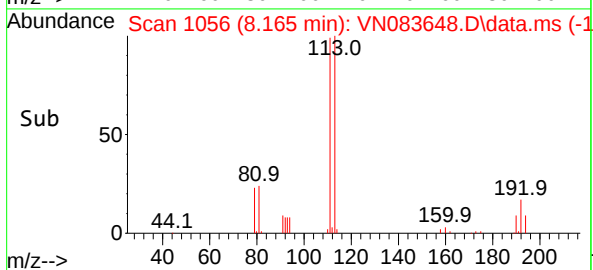
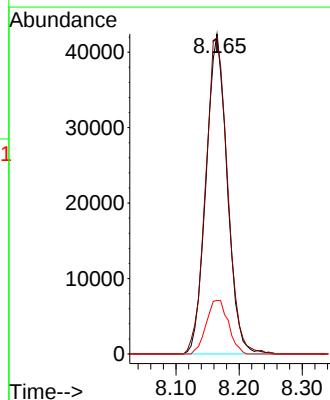
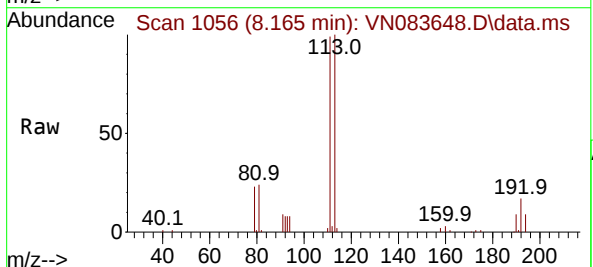
Instrument :
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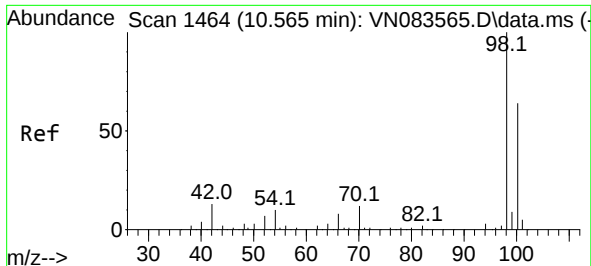
Tgt Ion:114 Resp: 318912
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 17.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.333 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion:113 Resp: 98532
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 17.5 14.3 21.5

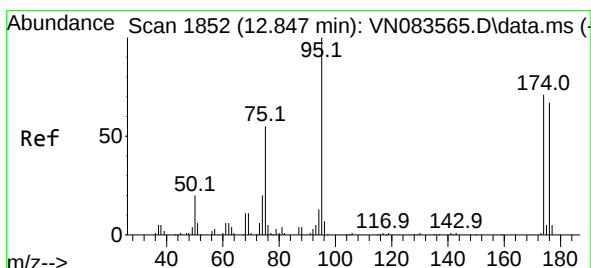
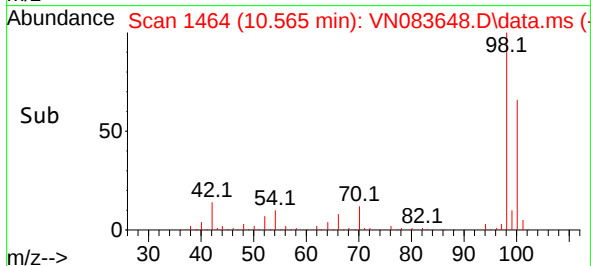
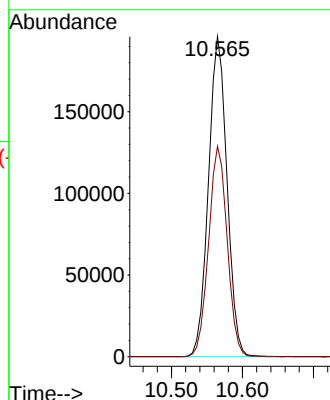
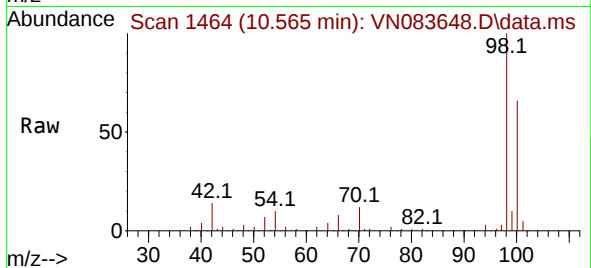




#50
Toluene-d8
Concen: 47.613 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

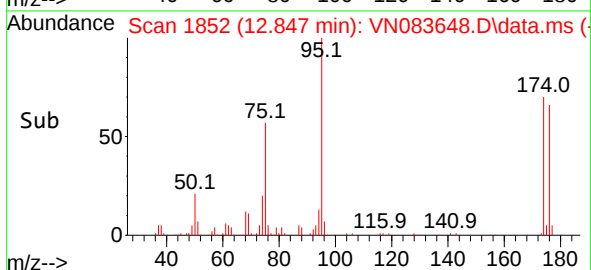
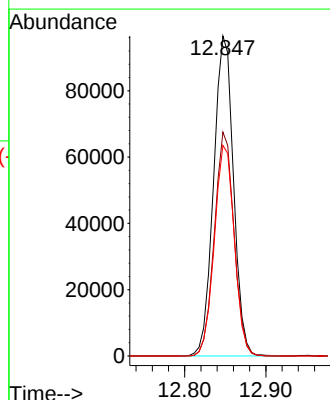
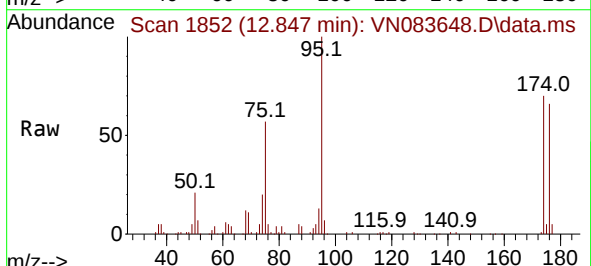
Instrument :
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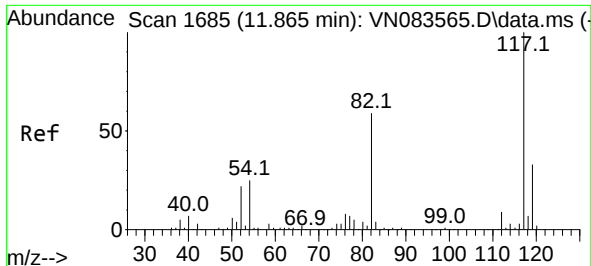
Tgt Ion: 98 Resp: 355884
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion: 95 Resp: 164395
Ion Ratio Lower Upper
95 100
174 69.0 0.0 139.8
176 66.1 0.0 131.4

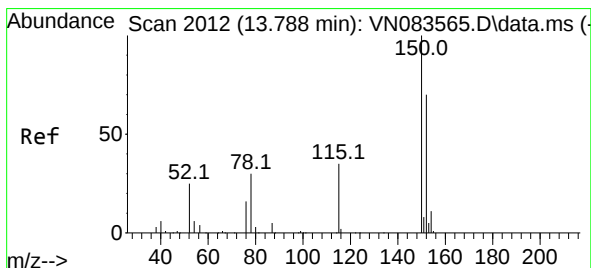
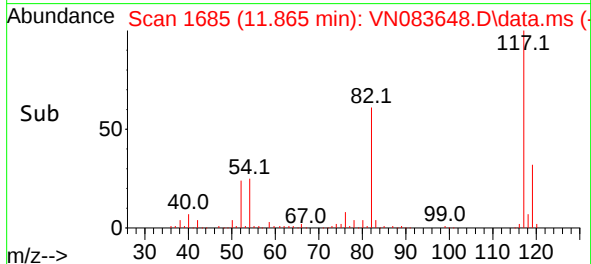
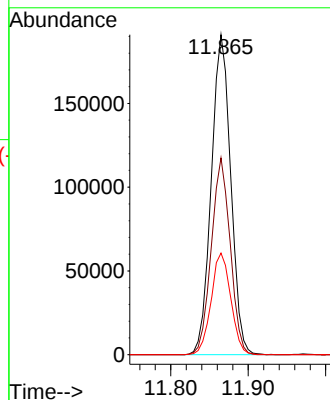
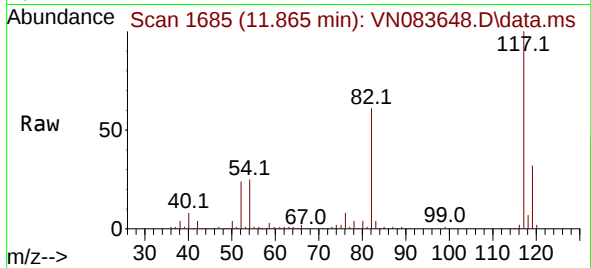




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083648.D
Acq: 04 Sep 2024 14:42

Instrument :
MSVOA_N
ClientSampleId :
TB01-082824

Tgt Ion:117 Resp: 332913
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.0
119 31.8 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: VN083648.D
Acq: 04 Sep 2024 14:42

Tgt Ion:152 Resp: 161472
Ion Ratio Lower Upper
152 100
115 63.9 32.2 96.6
150 157.1 0.0 348.6

