

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086623.D
 Acq On : 14 May 2025 13:44
 Operator : JC\MD
 Sample : Q2014-05 20X
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-25-0148

Quant Time: May 15 03:03:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	162714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	316031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118249	50.116	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.240%	
35) Dibromofluoromethane	8.165	113	96033	65.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 130.940%#	
50) Toluene-d8	10.565	98	411281	52.466	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.847	95	153105	53.548	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.100%	

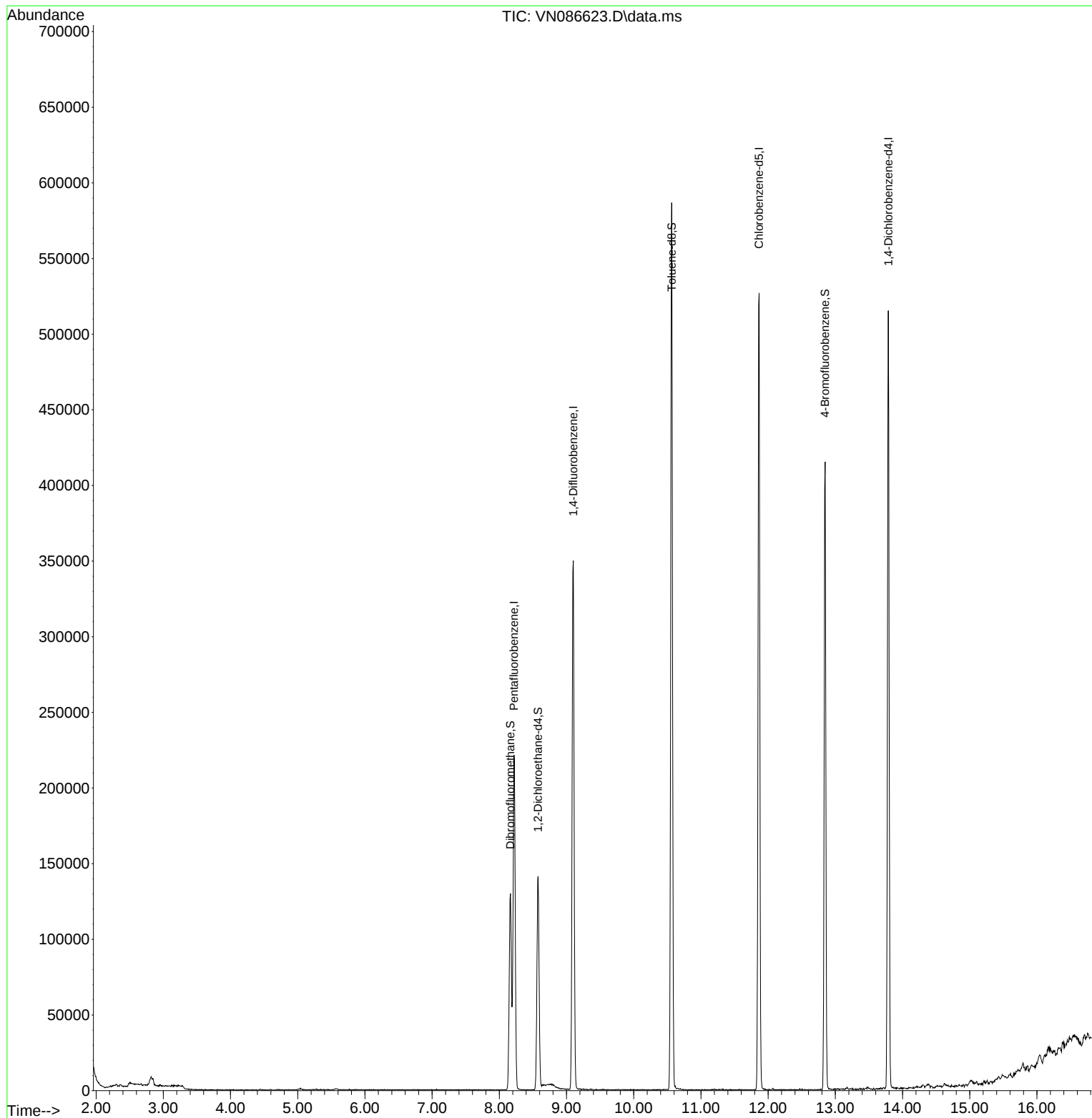
Target Compounds	Qvalue

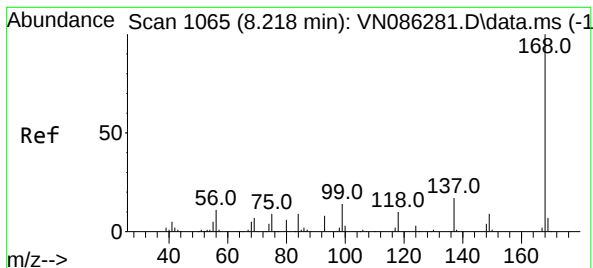
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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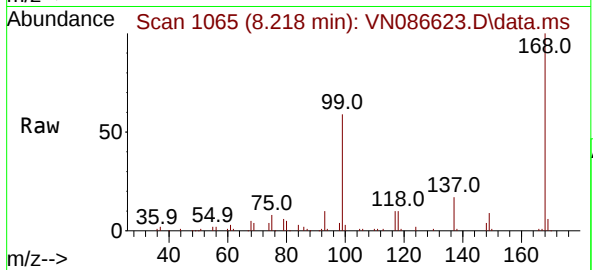
Quant Time: May 15 03:03:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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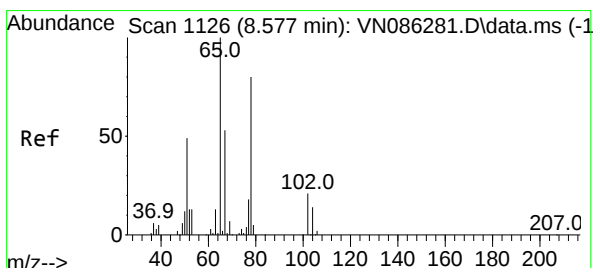
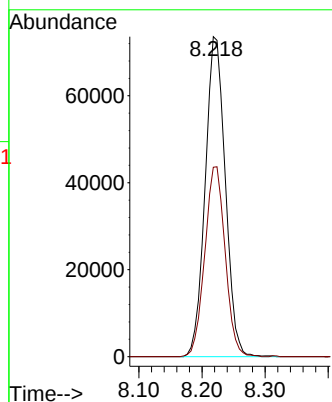
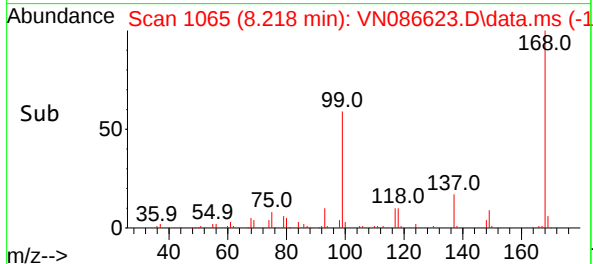


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086623.D
Acq: 14 May 2025 13:44

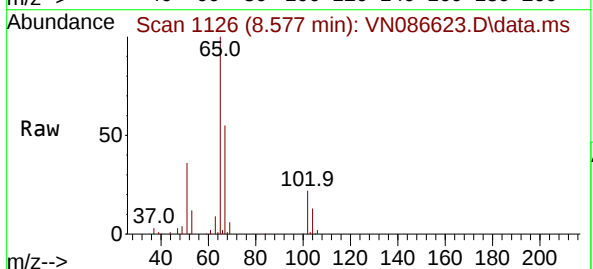
Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0148



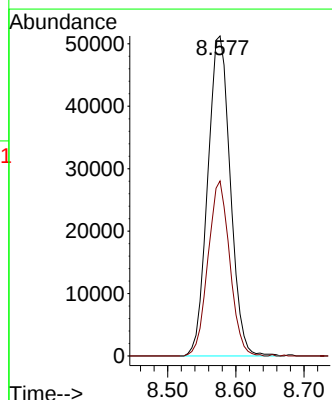
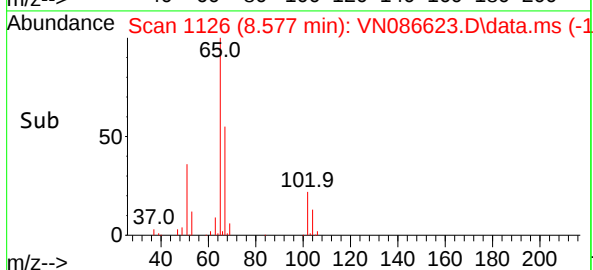
Tgt Ion:168 Resp: 162714
Ion Ratio Lower Upper
168 100
99 59.2 52.5 78.7

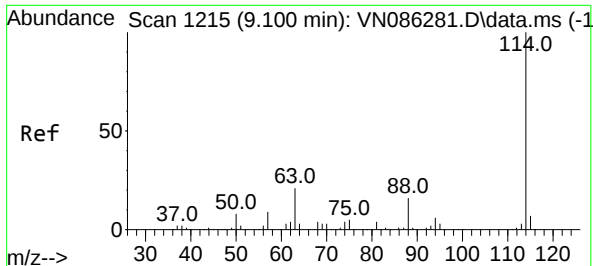


#33
1,2-Dichloroethane-d4
Concen: 50.116 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086623.D
Acq: 14 May 2025 13:44



Tgt Ion: 65 Resp: 118249
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086623.D

Acq: 14 May 2025 13:44

Instrument :

MSVOA_N

ClientSampleId :

MOO-25-0148

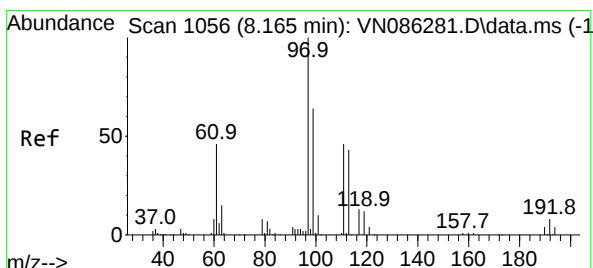
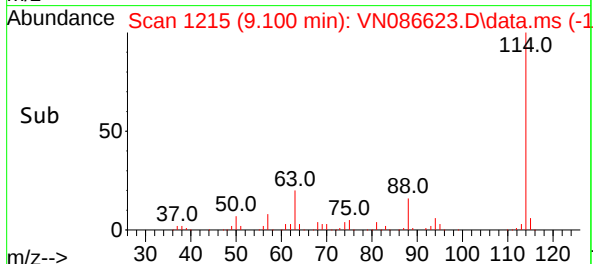
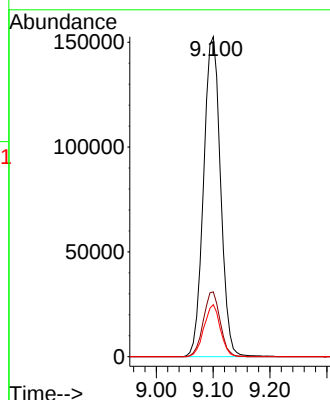
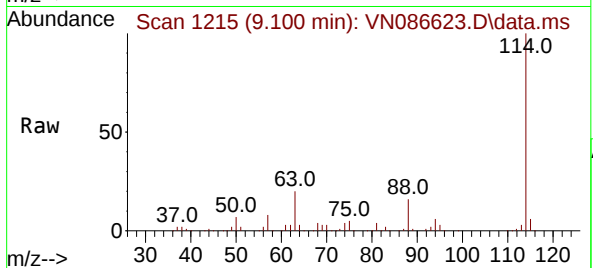
Tgt Ion:114 Resp: 316031

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 65.474 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086623.D

Acq: 14 May 2025 13:44

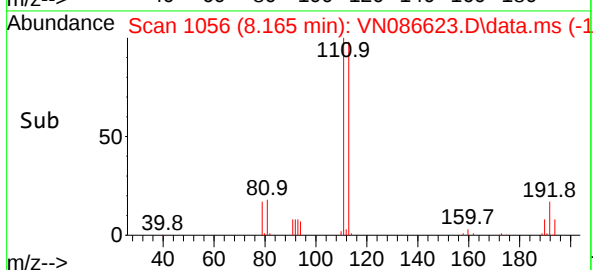
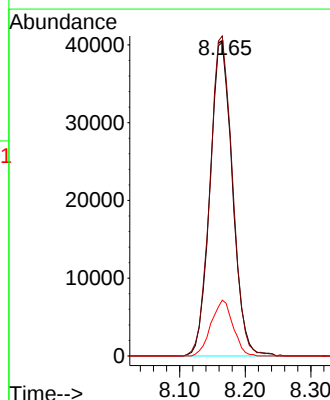
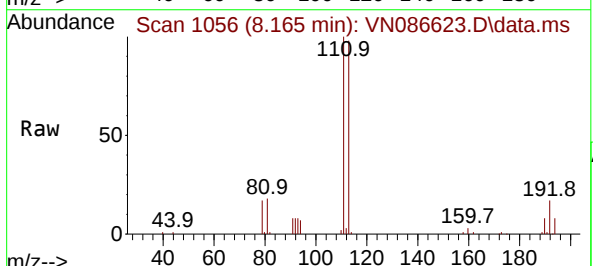
Tgt Ion:113 Resp: 96033

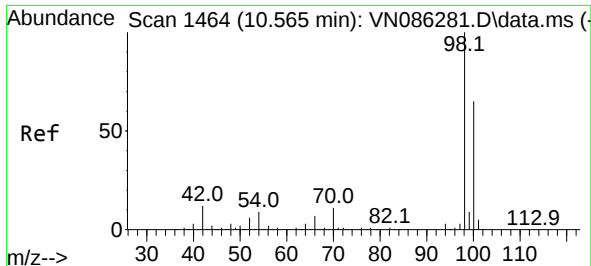
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.0

192 17.3 13.7 20.5

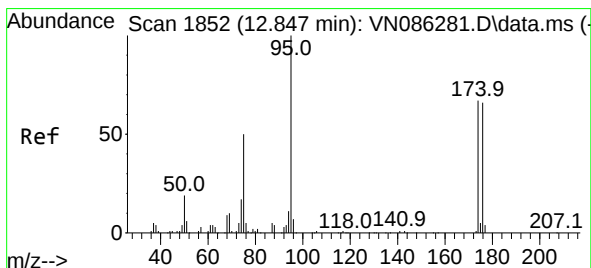
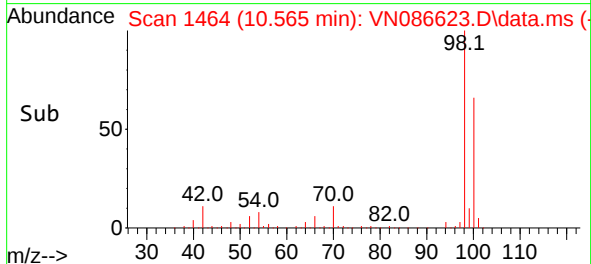
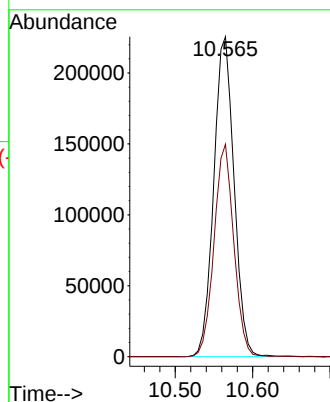
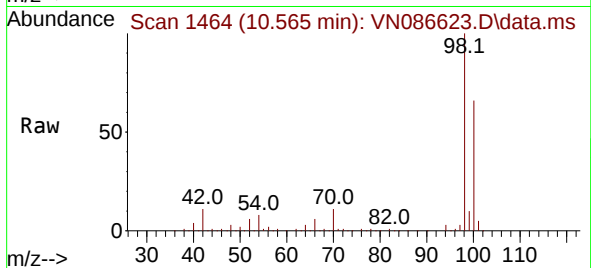




#50
Toluene-d8
Concen: 52.466 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086623.D
Acq: 14 May 2025 13:44

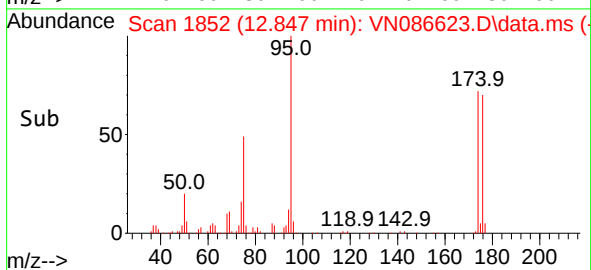
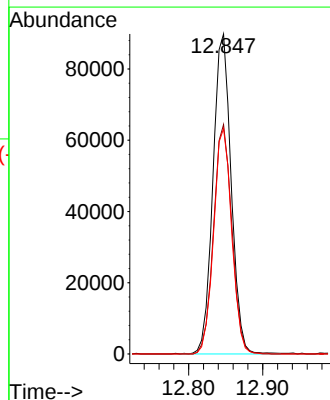
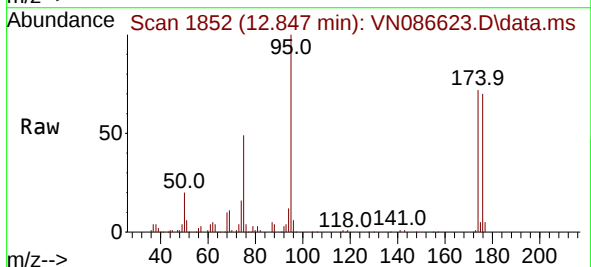
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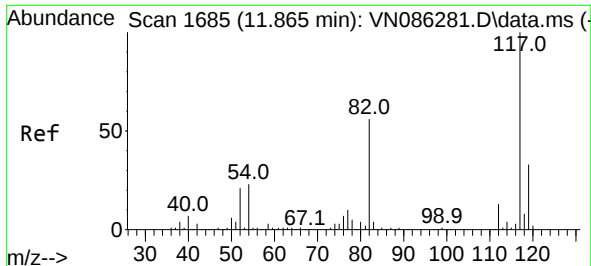
Tgt Ion: 98 Resp: 411281
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.548 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086623.D
Acq: 14 May 2025 13:44

Tgt Ion: 95 Resp: 153105
Ion Ratio Lower Upper
95 100
174 72.0 0.0 133.4
176 69.7 0.0 129.2

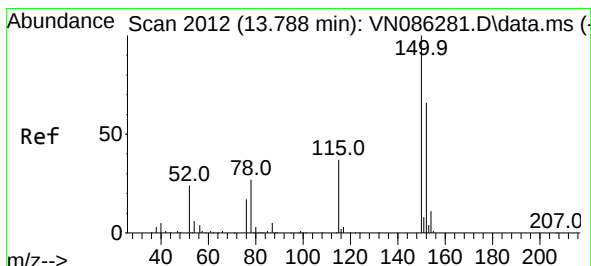
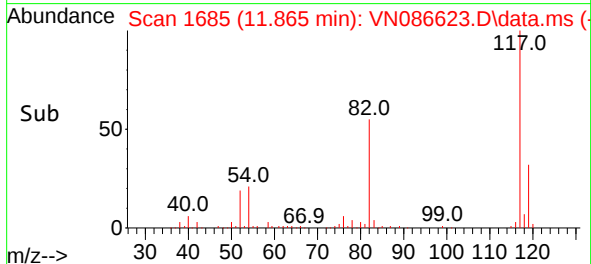
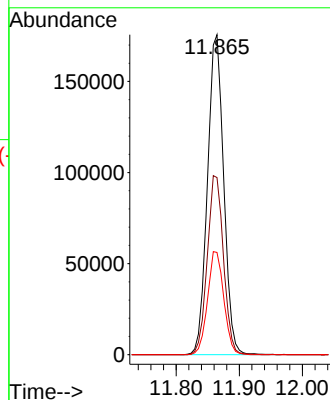
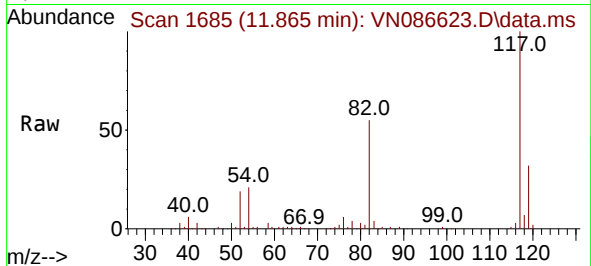




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086623.D
Acq: 14 May 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0148

Tgt Ion:117 Resp: 313651
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086623.D
Acq: 14 May 2025 13:44

Tgt Ion:152 Resp: 139308
Ion Ratio Lower Upper
152 100
115 60.8 31.9 95.9
150 159.9 0.0 352.0

