

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086621.D
 Acq On : 14 May 2025 12:56
 Operator : JC\MD
 Sample : Q2014-01 20X
 Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-25-0134

Quant Time: May 15 03:02:14 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	8.224	168	152935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110489	49.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.640%
35) Dibromofluoromethane	8.165	113	89825	66.107	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	132.220%#
50) Toluene-d8	10.565	98	376410	51.833	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.847	95	129553	48.911	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.820%

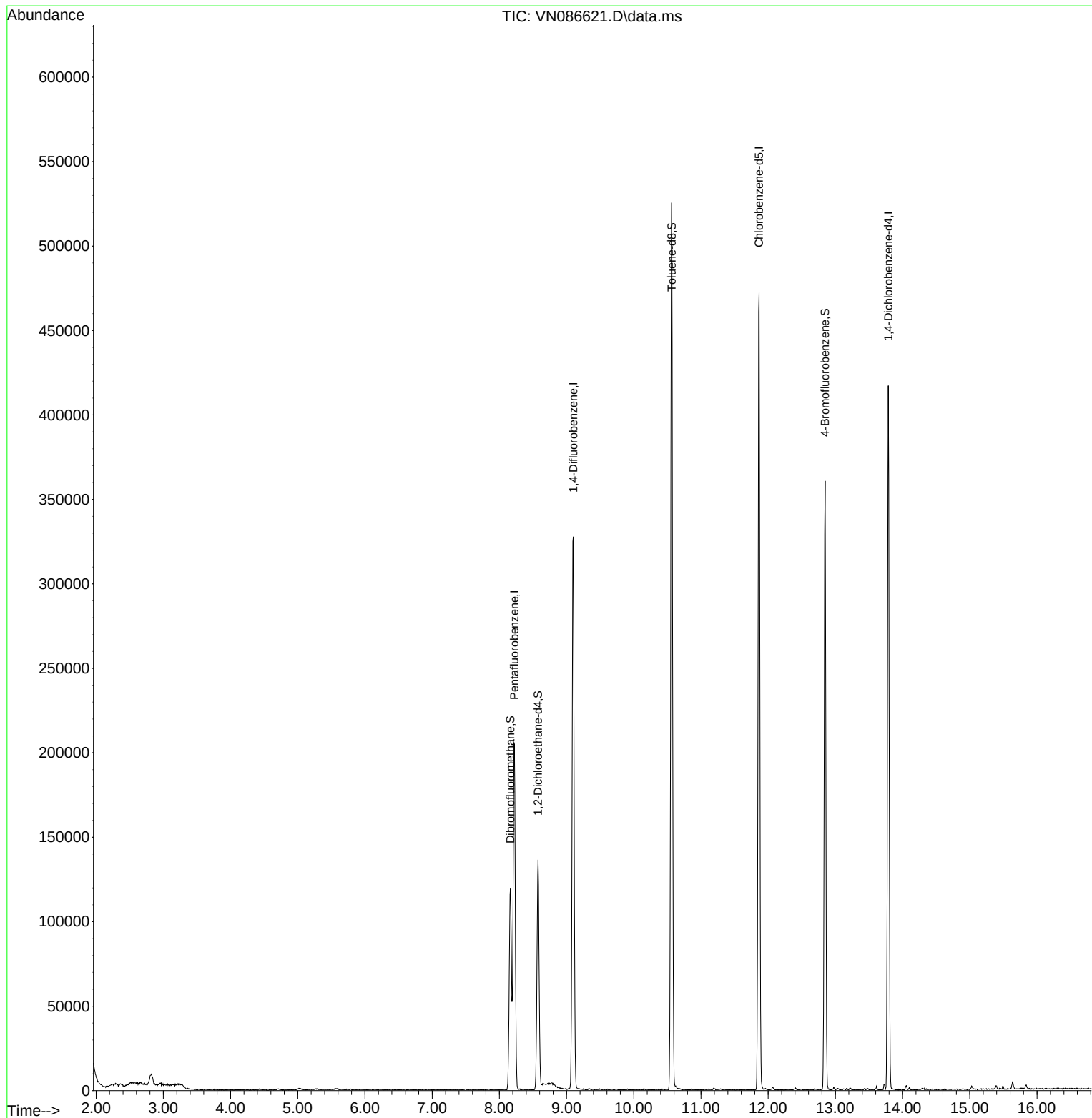
Target Compounds	Qvalue

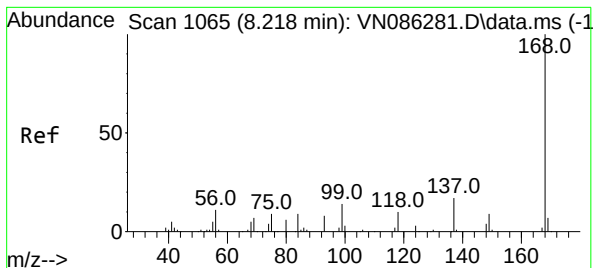
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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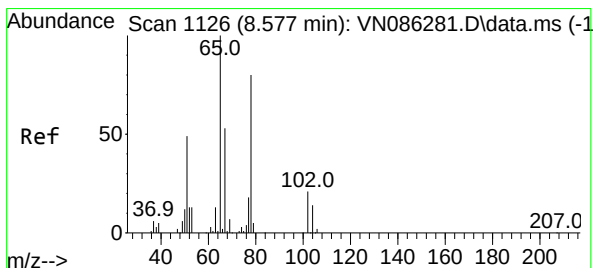
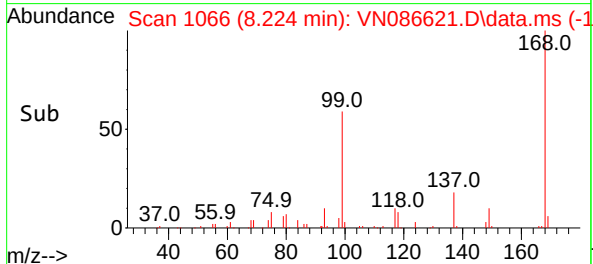
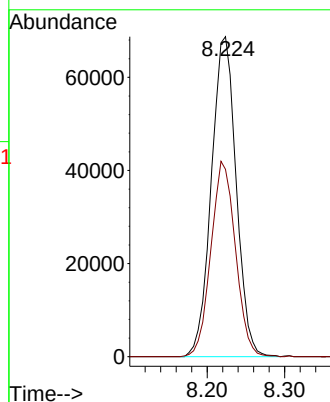
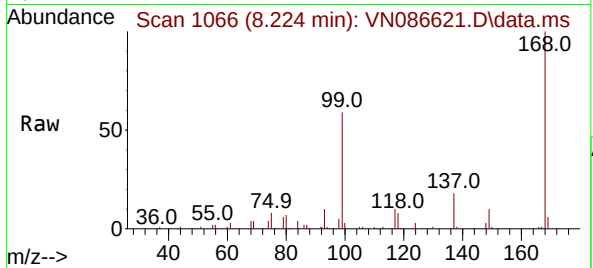




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

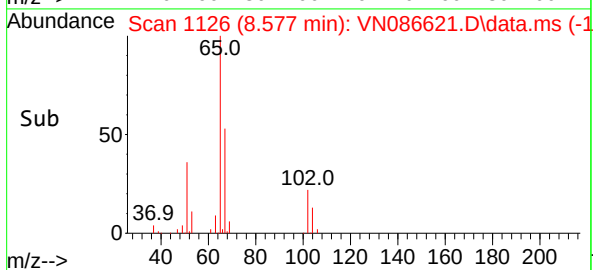
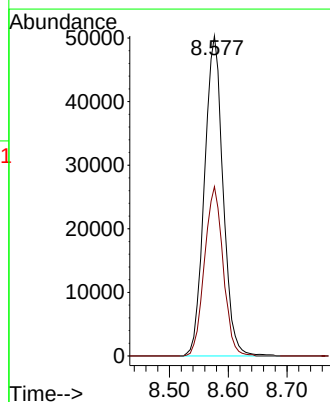
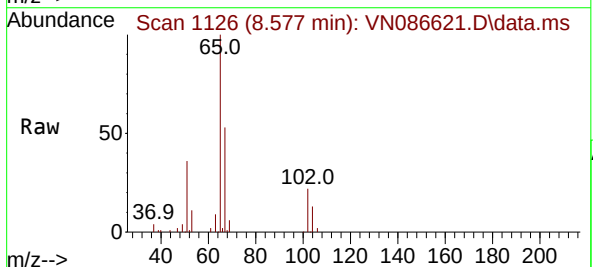
Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

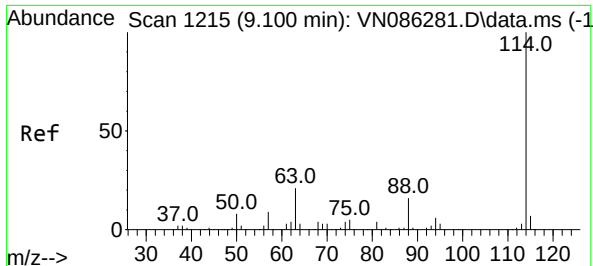
Tgt Ion:168 Resp: 152935
Ion Ratio Lower Upper
168 100
99 58.6 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.822 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 65 Resp: 110489
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086621.D

Acq: 14 May 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

MOO-25-0134

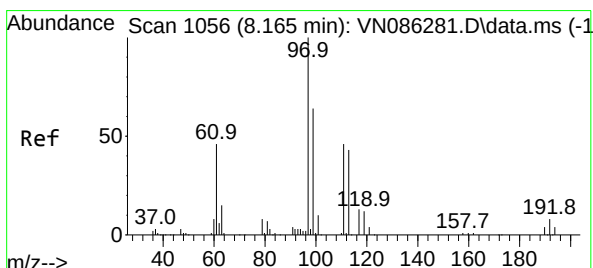
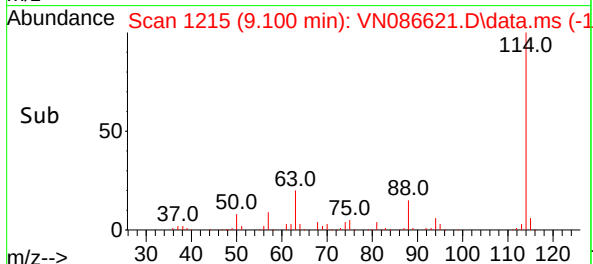
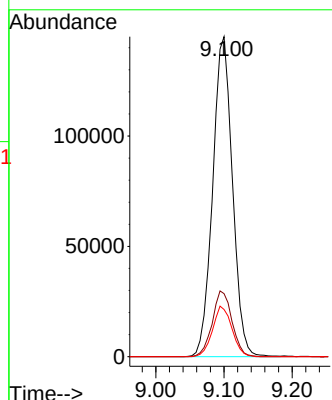
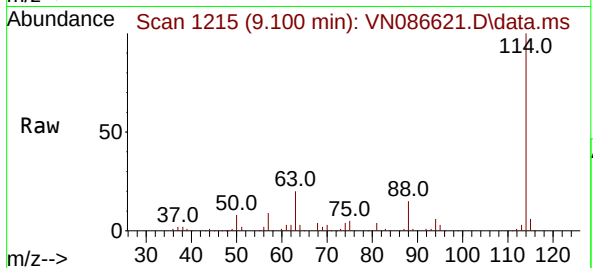
Tgt Ion:114 Resp: 292769

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 66.107 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086621.D

Acq: 14 May 2025 12:56

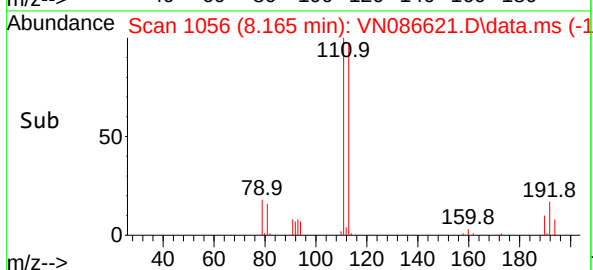
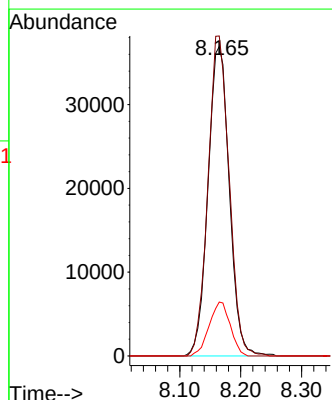
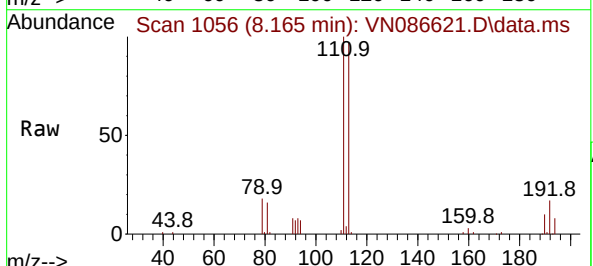
Tgt Ion:113 Resp: 89825

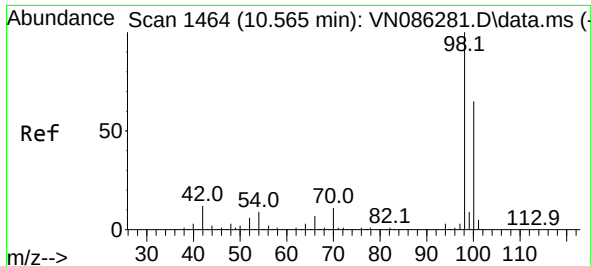
Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.0

192 17.2 13.7 20.5

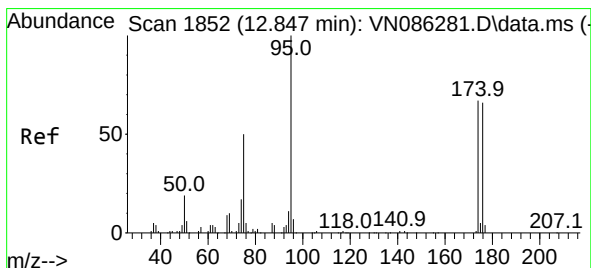
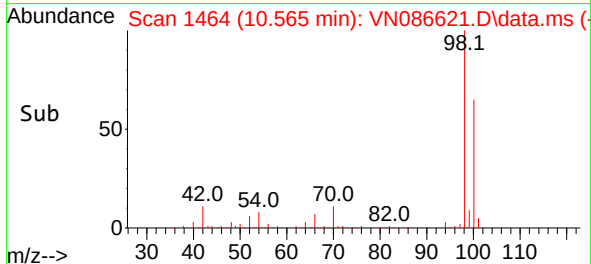
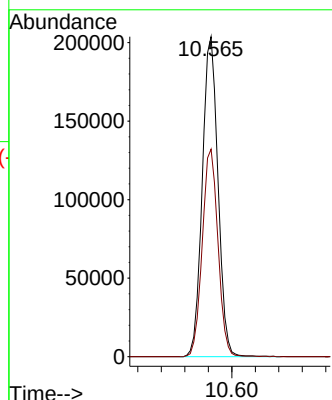
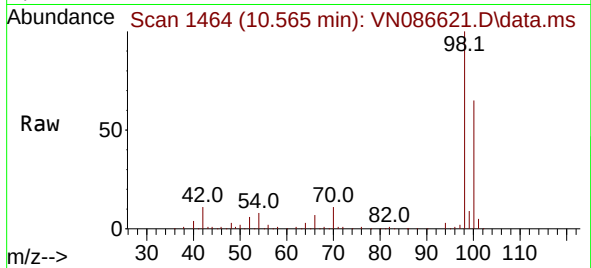




#50
Toluene-d8
Concen: 51.833 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

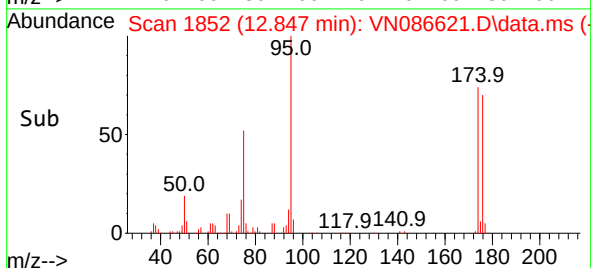
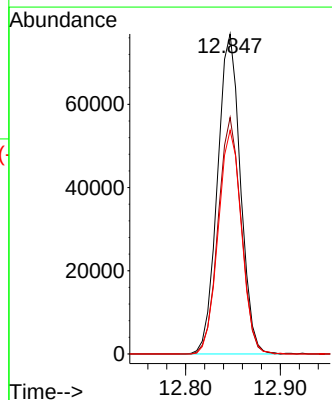
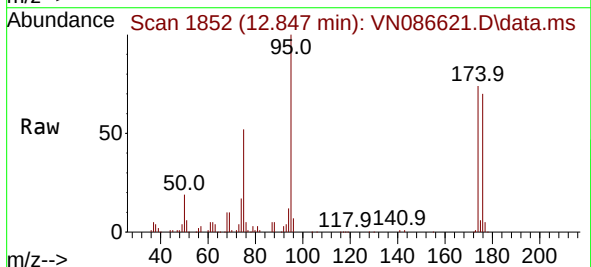
Instrument :
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MOO-25-0134

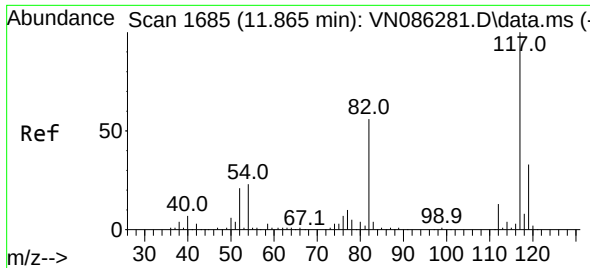
Tgt Ion: 98 Resp: 376410
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.911 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion: 95 Resp: 129553
Ion Ratio Lower Upper
95 100
174 74.0 0.0 133.4
176 71.0 0.0 129.2

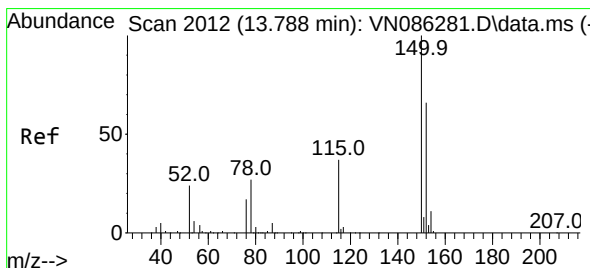
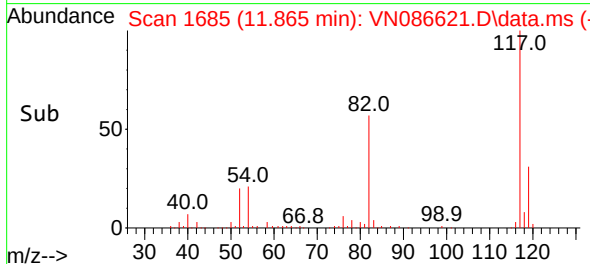
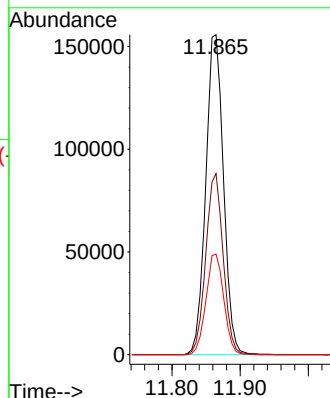
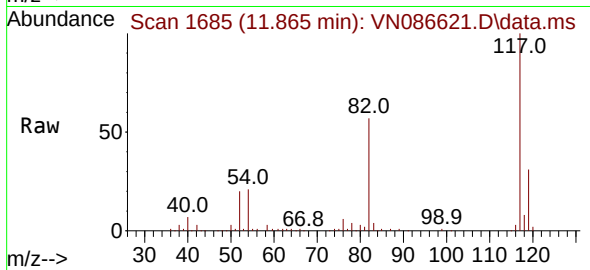




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086621.D
Acq: 14 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

Tgt Ion:117 Resp: 281623
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.5 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: VN086621.D
Acq: 14 May 2025 12:56

Tgt Ion:152 Resp: 117099
Ion Ratio Lower Upper
152 100
115 60.4 31.9 95.9
150 154.6 0.0 352.0

