

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086622.D
 Acq On : 14 May 2025 13:20
 Operator : JC\MD
 Sample : Q2014-03 20X
 Misc : 1.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-25-0145

Quant Time: May 15 03:02:42 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	156384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115744	51.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.080%
35) Dibromofluoromethane	8.159	113	92460	65.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	130.020%#
50) Toluene-d8	10.565	98	397098	52.241	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.847	95	142067	51.241	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.480%

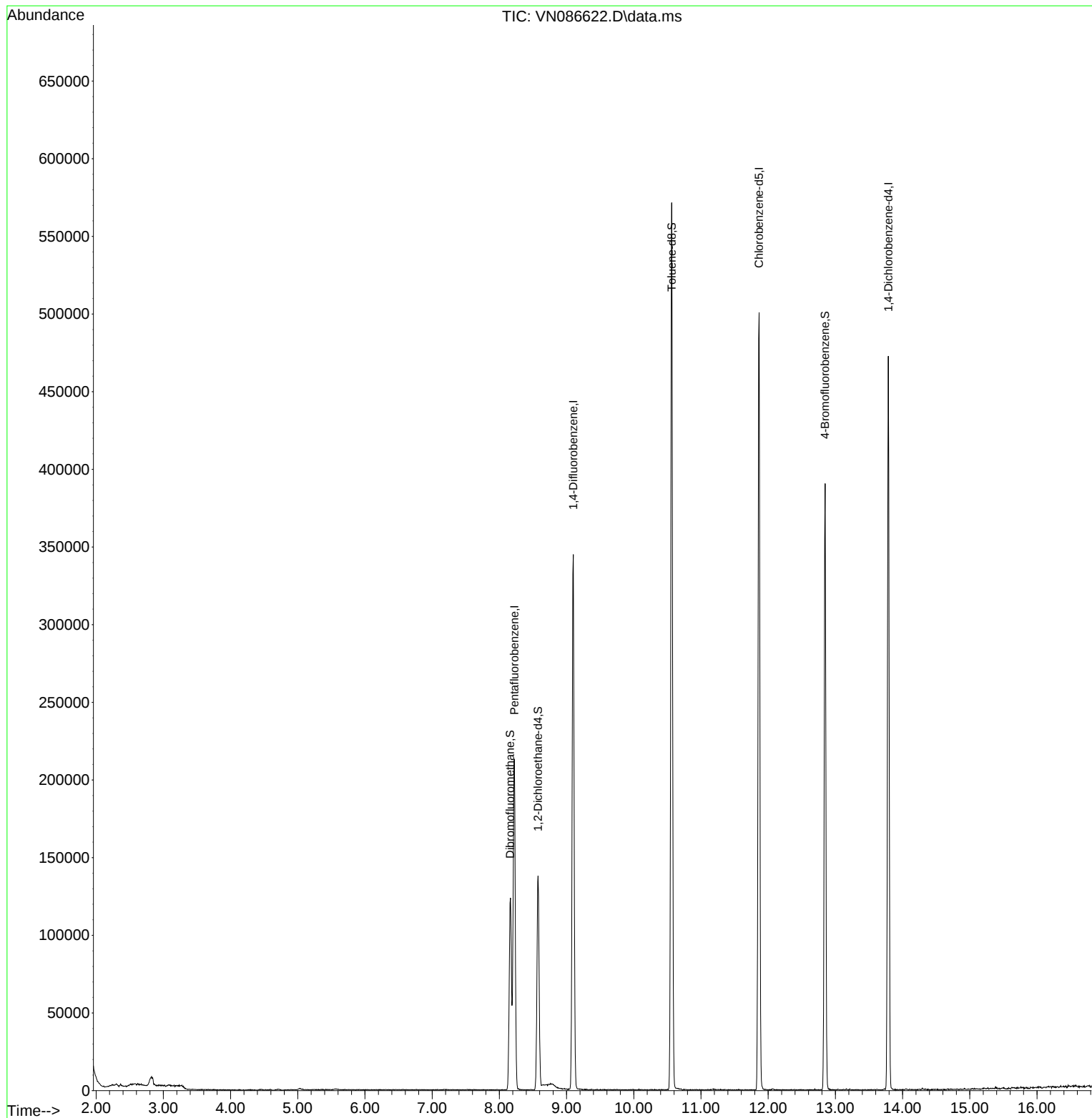
Target Compounds	Qvalue

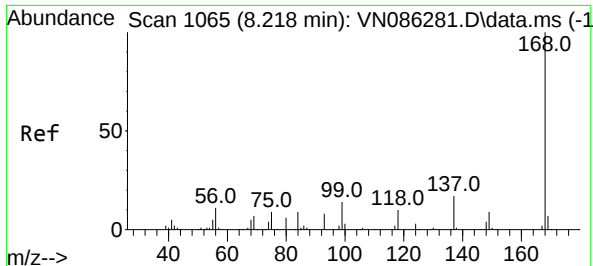
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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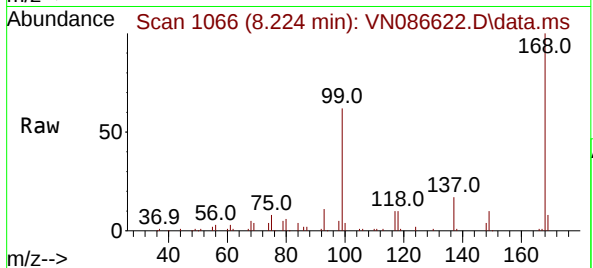
Quant Time: May 15 03:02:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
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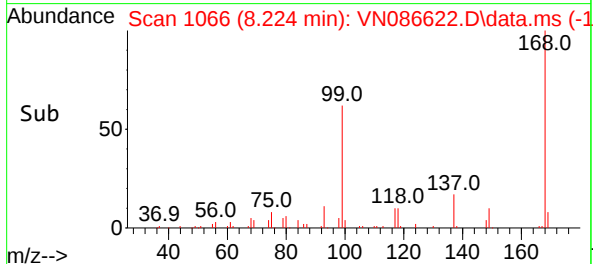
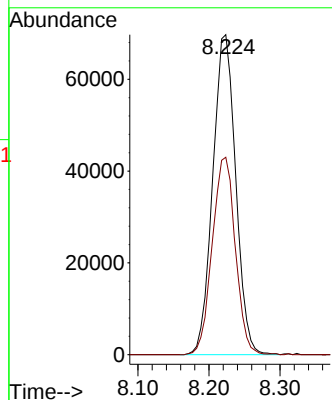


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086622.D
Acq: 14 May 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0145

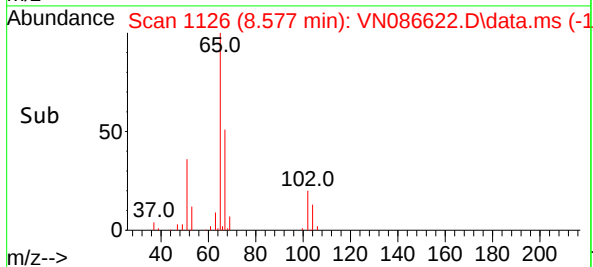
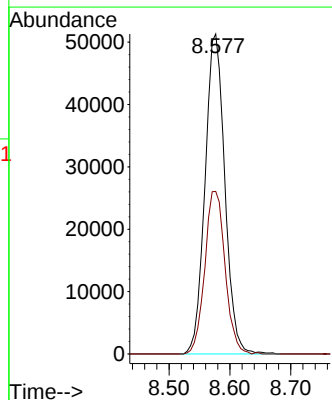
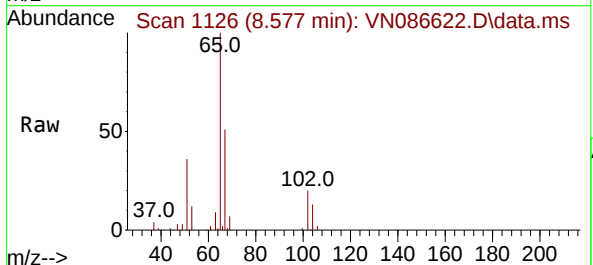


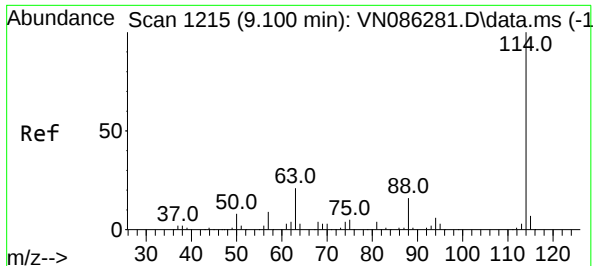
Tgt Ion:168 Resp: 156384
Ion Ratio Lower Upper
168 100
99 61.7 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 51.040 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086622.D
Acq: 14 May 2025 13:20

Tgt Ion: 65 Resp: 115744
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0

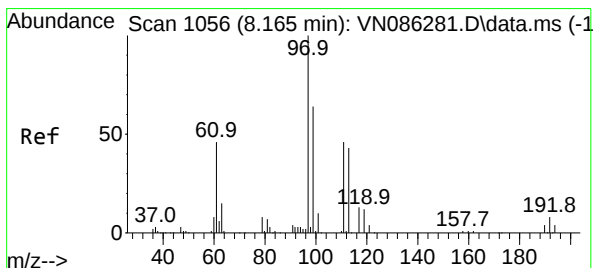
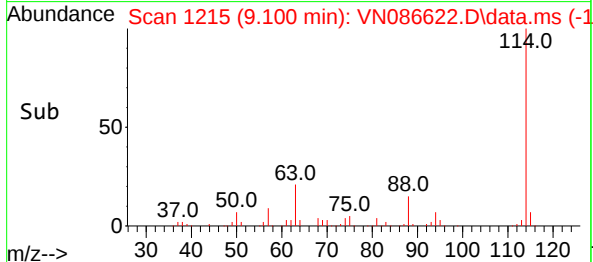
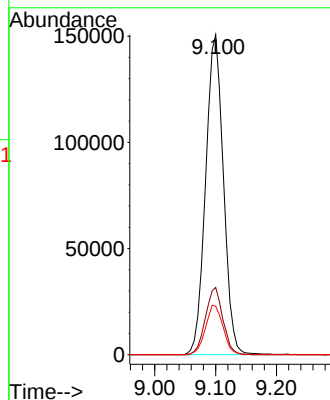
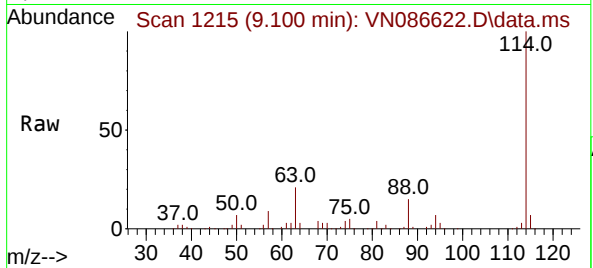




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086622.D
Acq: 14 May 2025 13:20

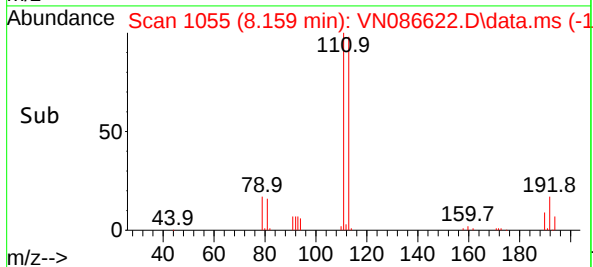
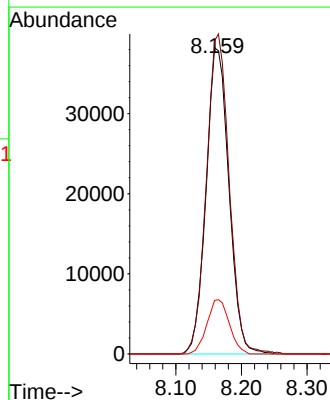
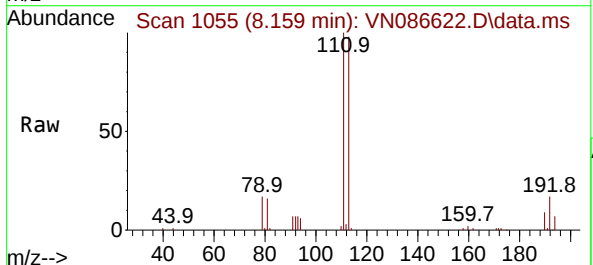
Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0145

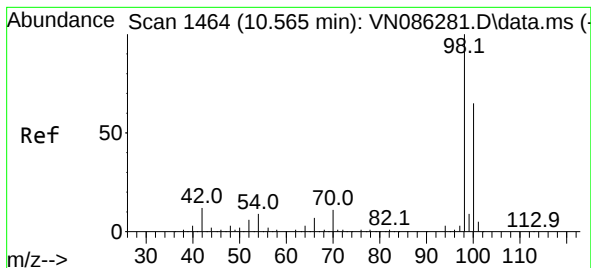
Tgt Ion:114 Resp: 306450
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 65.009 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086622.D
Acq: 14 May 2025 13:20

Tgt Ion:113 Resp: 92460
Ion Ratio Lower Upper
113 100
111 104.6 83.4 125.0
192 17.4 13.7 20.5





#50

Toluene-d8

Concen: 52.241 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086622.D

Acq: 14 May 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

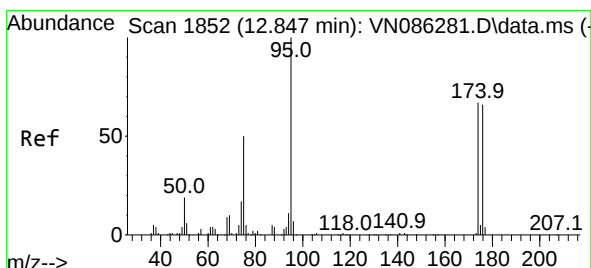
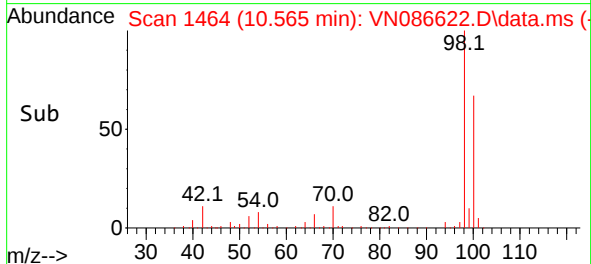
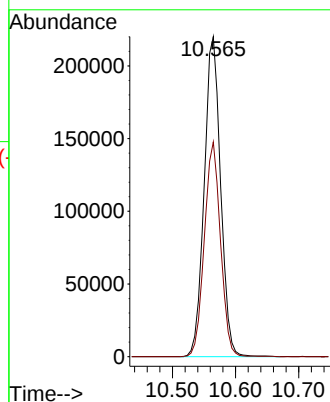
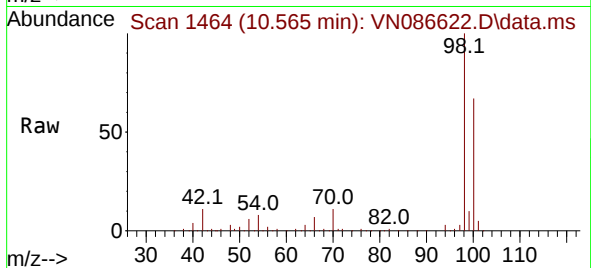
MOO-25-0145

Tgt Ion: 98 Resp: 397098

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 51.241 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086622.D

Acq: 14 May 2025 13:20

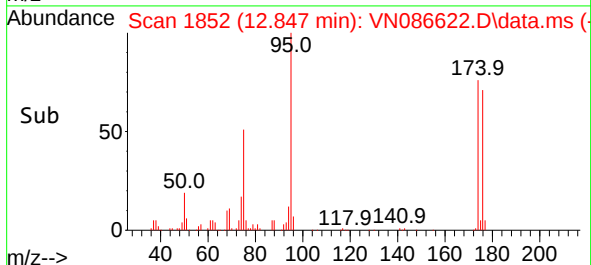
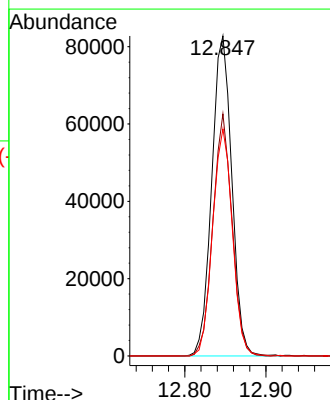
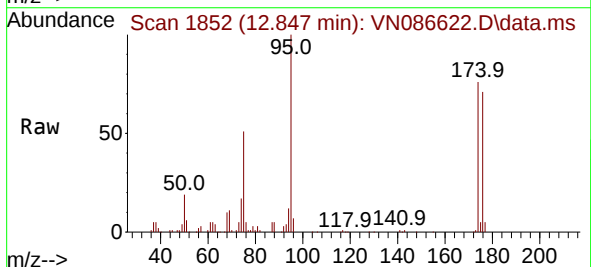
Tgt Ion: 95 Resp: 142067

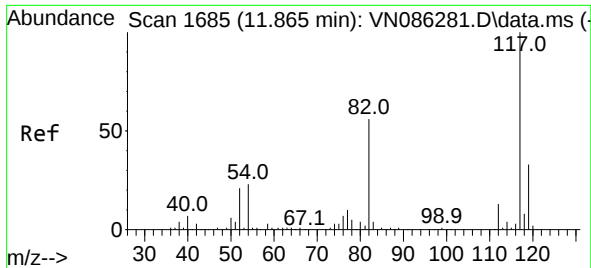
Ion Ratio Lower Upper

95 100

174 72.2 0.0 133.4

176 70.0 0.0 129.2

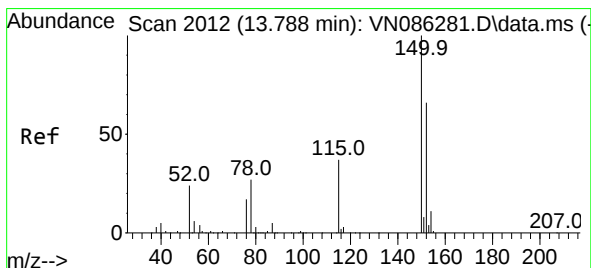
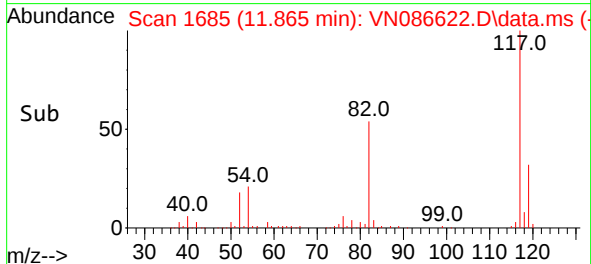
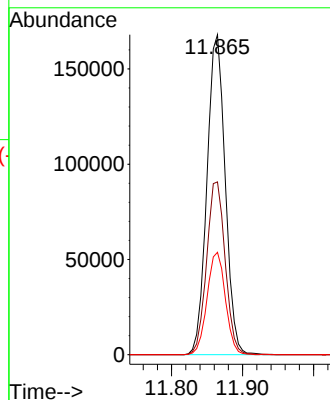
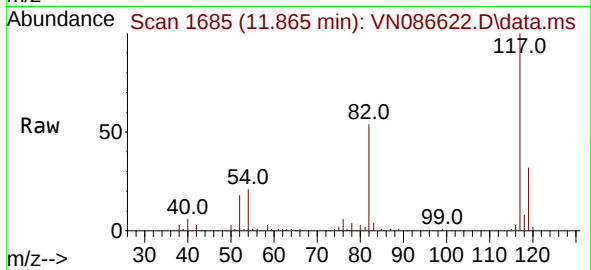




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086622.D
Acq: 14 May 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0145

Tgt Ion:117 Resp: 300306
Ion Ratio Lower Upper
117 100
82 54.0 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: VN086622.D
Acq: 14 May 2025 13:20

Tgt Ion:152 Resp: 131702
Ion Ratio Lower Upper
152 100
115 60.2 31.9 95.9
150 155.5 0.0 352.0

