

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086618.D
 Acq On : 14 May 2025 11:34
 Operator : JC\MD
 Sample : VN0514WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0514WBL01

Quant Time: May 15 02:59:56 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	180085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118065	45.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.420%
35) Dibromofluoromethane	8.165	113	96907	61.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	122.100%
50) Toluene-d8	10.565	98	401543	47.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.847	95	141042	45.579	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.160%

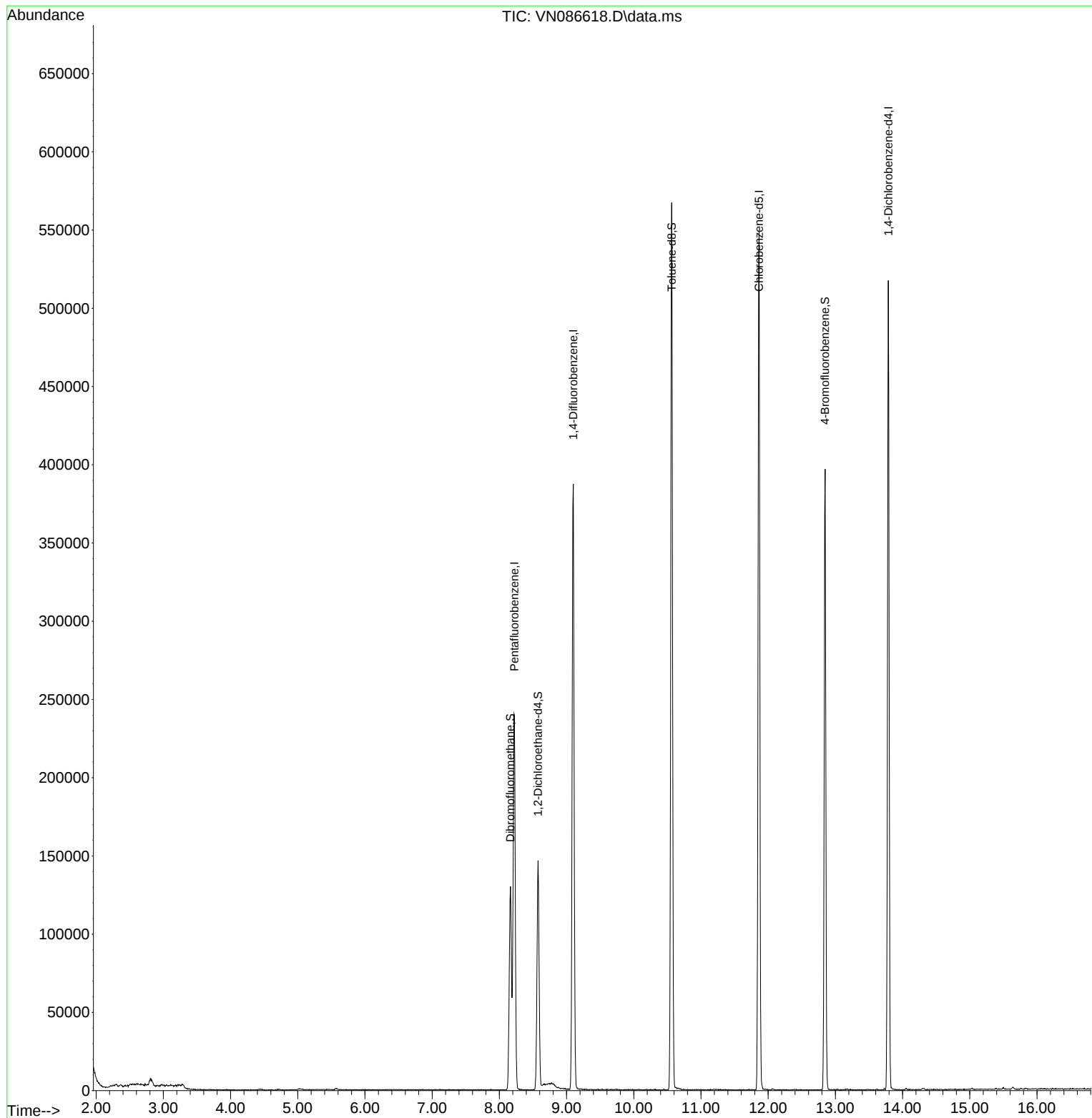
Target Compounds	Qvalue

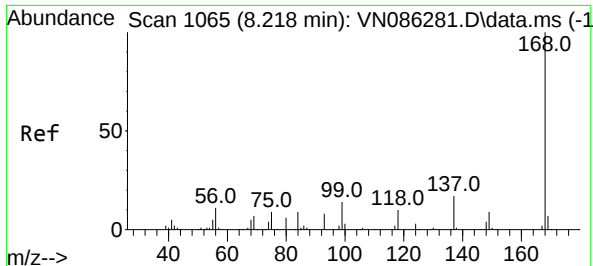
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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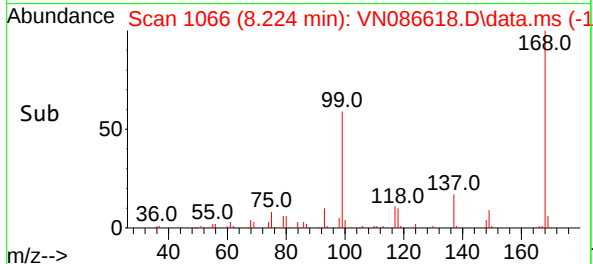
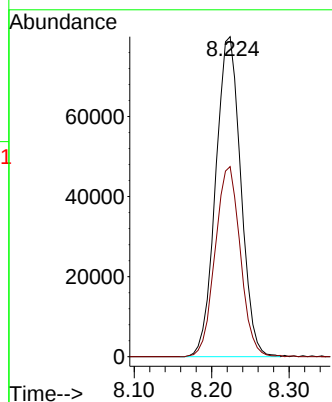
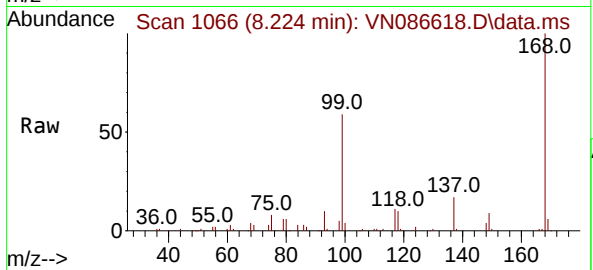




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086618.D
Acq: 14 May 2025 11:34

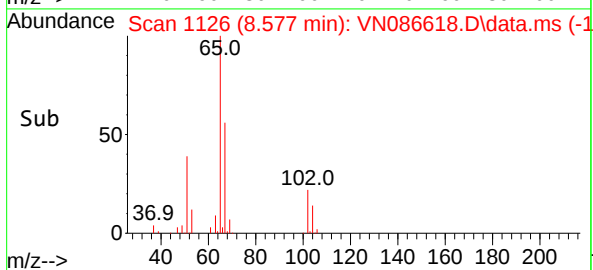
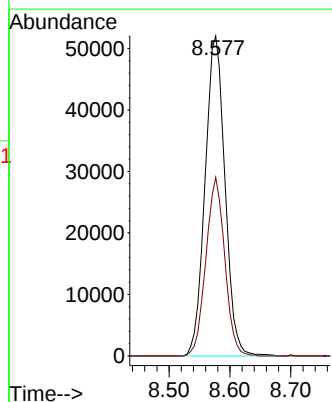
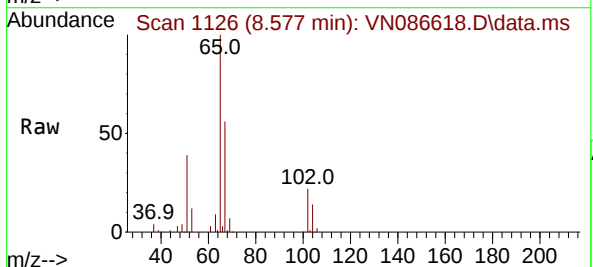
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBL01

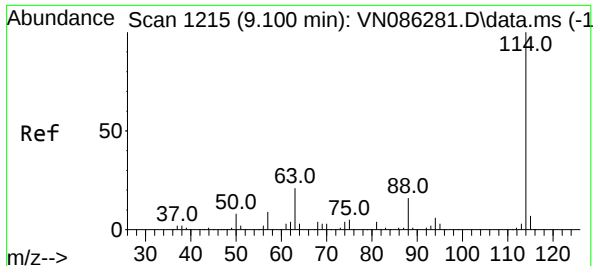
Tgt Ion:168 Resp: 180085
Ion Ratio Lower Upper
168 100
99 59.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 45.212 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086618.D
Acq: 14 May 2025 11:34

Tgt Ion: 65 Resp: 118065
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0

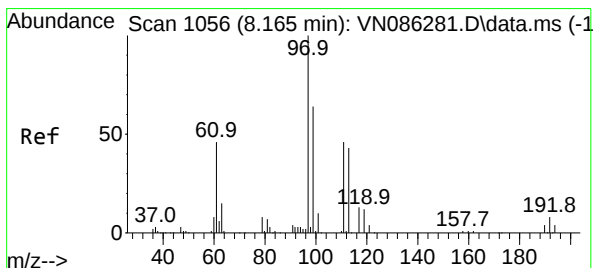
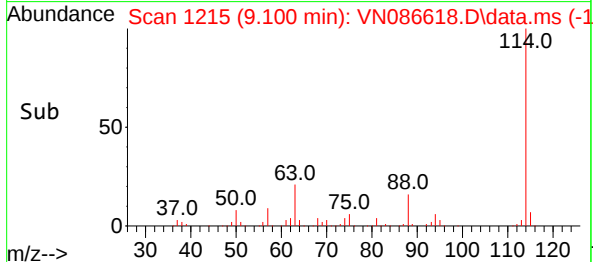
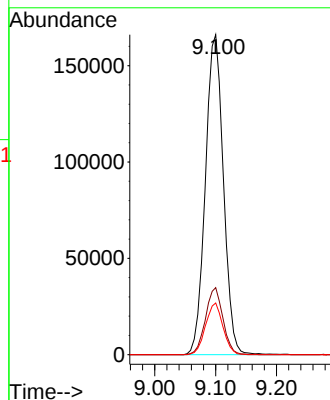
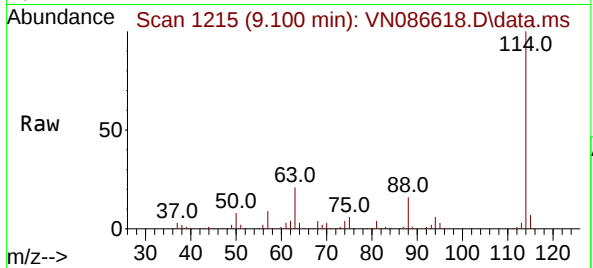




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086618.D
Acq: 14 May 2025 11:34

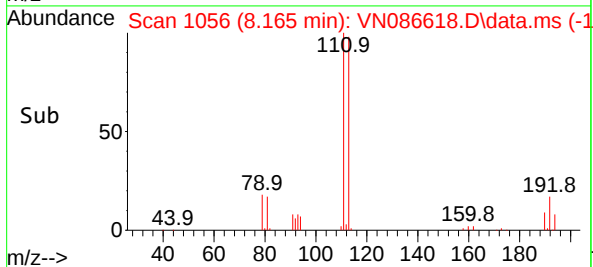
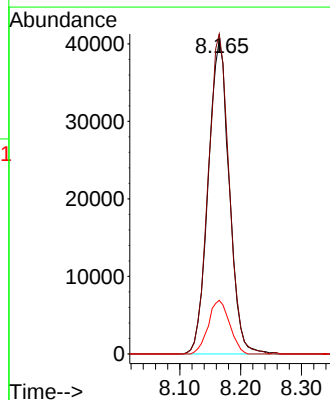
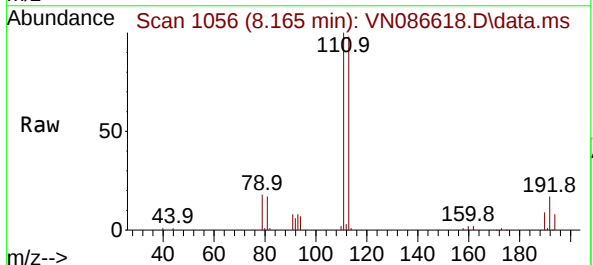
Instrument :
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ClientSampleId :
VN0514WBL01

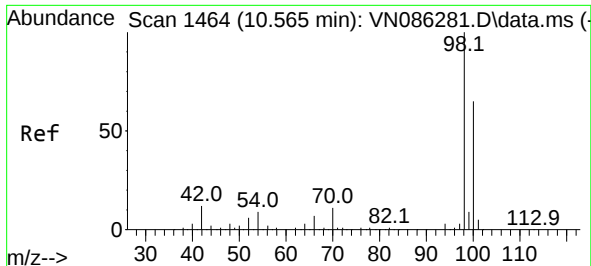
Tgt Ion:114 Resp: 342033
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.6
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 61.047 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086618.D
Acq: 14 May 2025 11:34

Tgt Ion:113 Resp: 96907
Ion Ratio Lower Upper
113 100
111 101.5 83.4 125.0
192 17.3 13.7 20.5

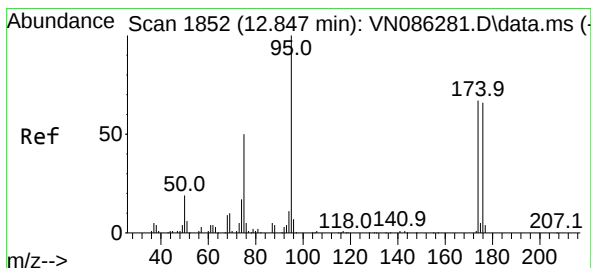
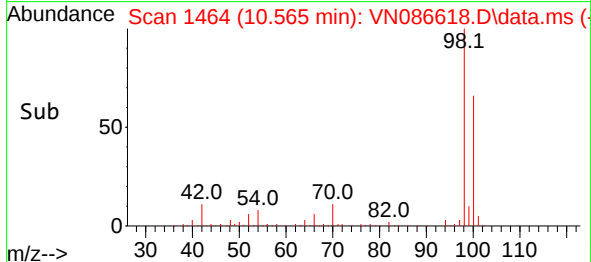
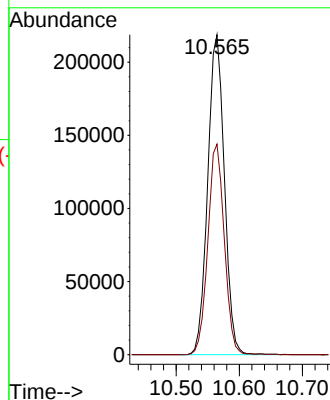
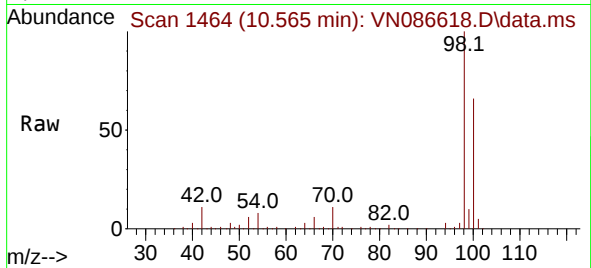




#50
Toluene-d8
Concen: 47.330 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086618.D
Acq: 14 May 2025 11:34

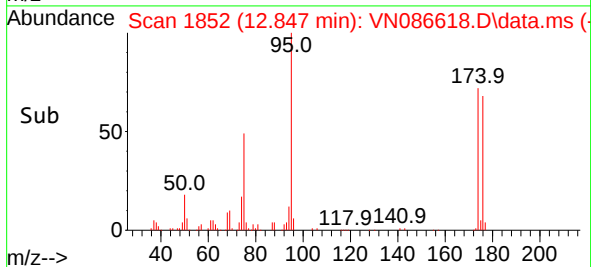
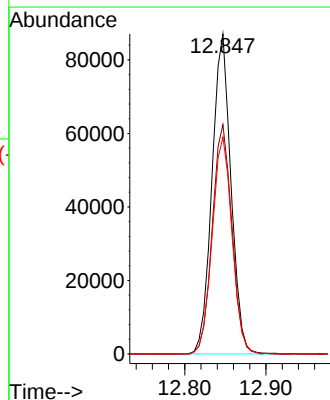
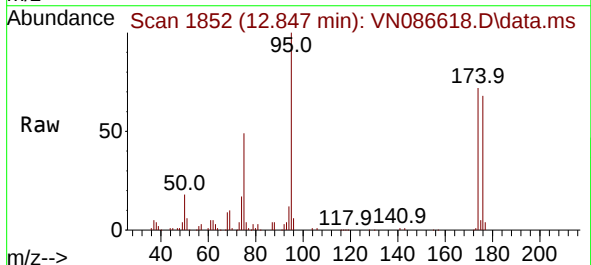
Instrument :
MSVOA_N
ClientSampleId :
VN0514WBL01

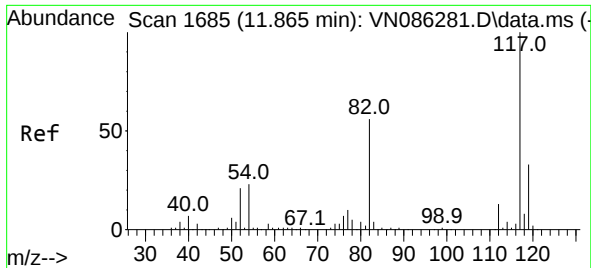
Tgt Ion: 98 Resp: 401543
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.579 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086618.D
Acq: 14 May 2025 11:34

Tgt Ion: 95 Resp: 141042
Ion Ratio Lower Upper
95 100
174 74.4 0.0 133.4
176 70.8 0.0 129.2

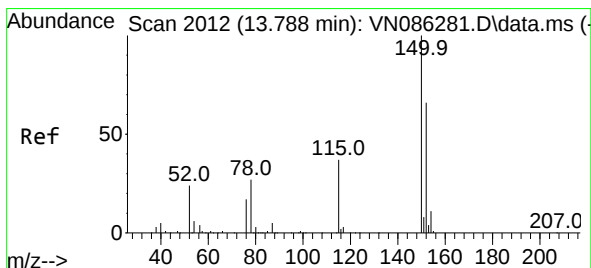
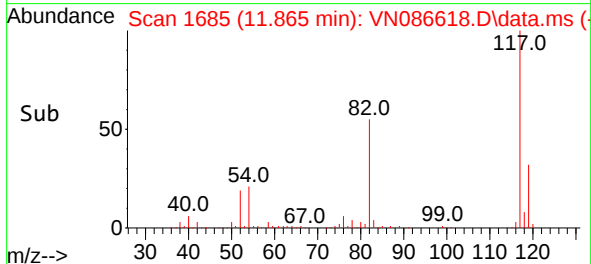
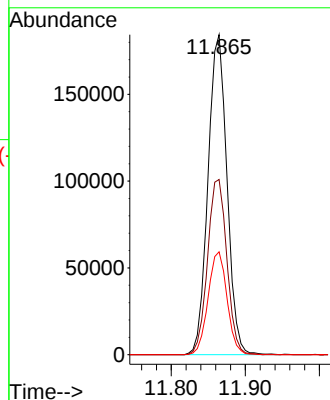
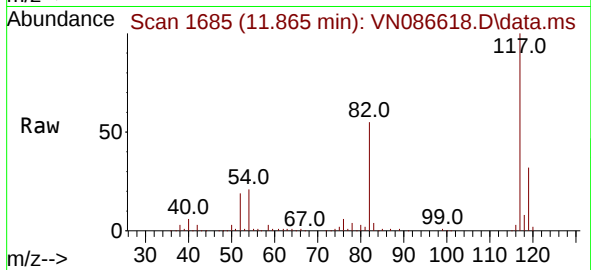




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086618.D
Acq: 14 May 2025 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0514WBL01

Tgt Ion:117 Resp: 328169
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 32.2 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: VN086618.D
Acq: 14 May 2025 11:34

Tgt Ion:152 Resp: 139912
Ion Ratio Lower Upper
152 100
115 61.0 31.9 95.9
150 157.7 0.0 352.0

