

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086707.D
 Acq On : 20 May 2025 10:51
 Operator : JC\MD
 Sample : VN0520MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520MBL01

Quant Time: May 21 01:40:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	151819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	287807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119988	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111251	53.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.060%
35) Dibromofluoromethane	8.165	113	95135	52.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.860%
50) Toluene-d8	10.565	98	389420	52.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.580%
62) 4-Bromofluorobenzene	12.847	95	138025	52.485	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.960%

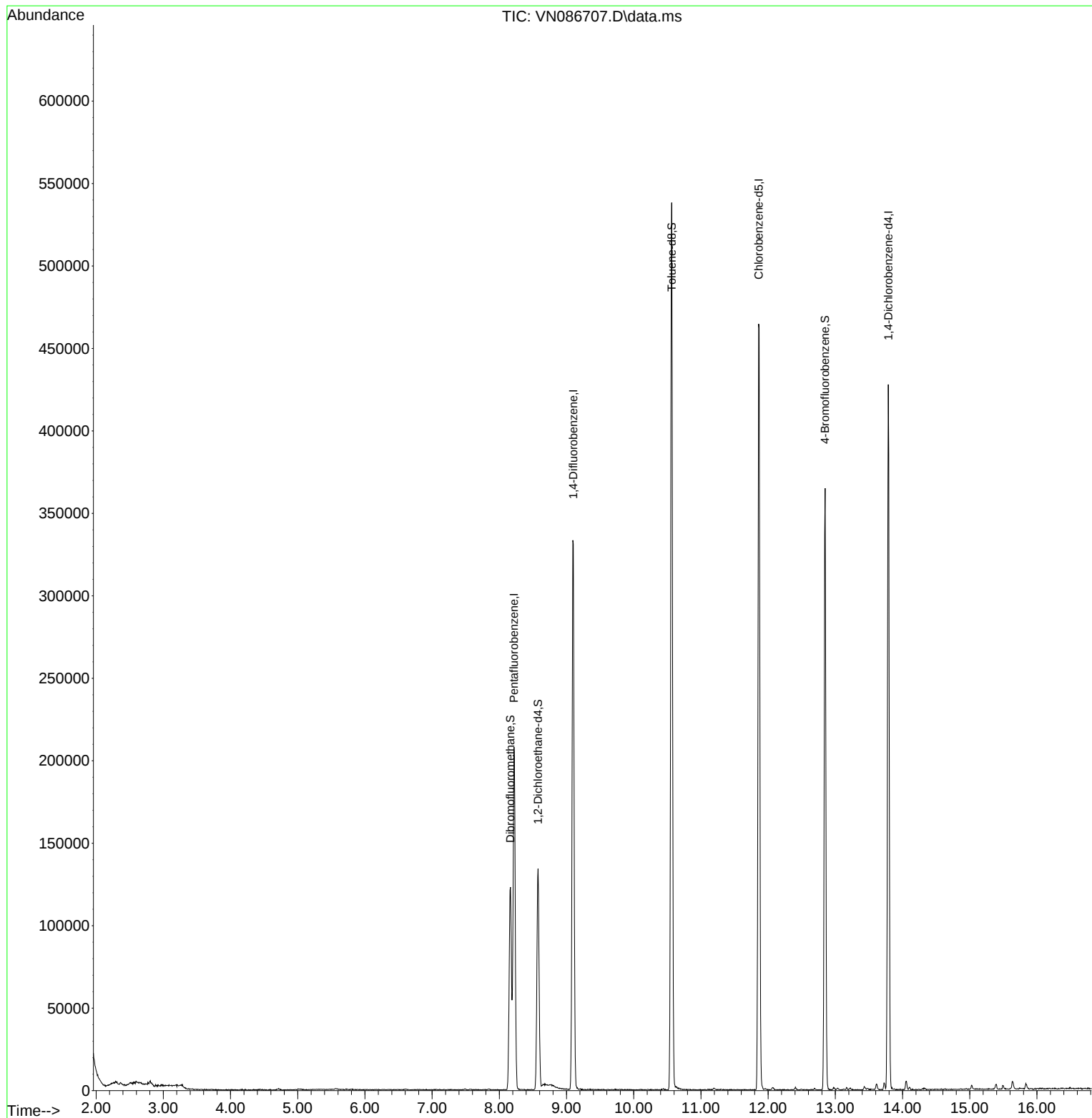
Target Compounds	Qvalue

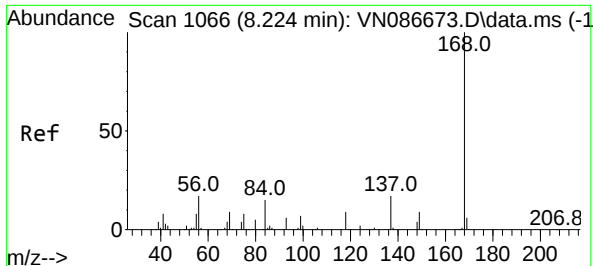
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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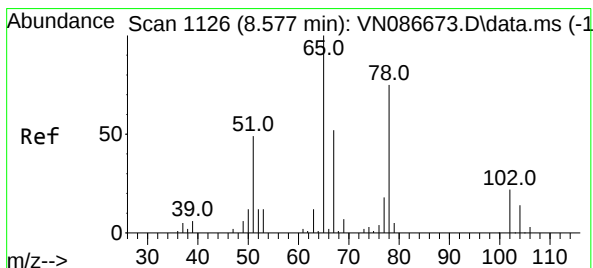
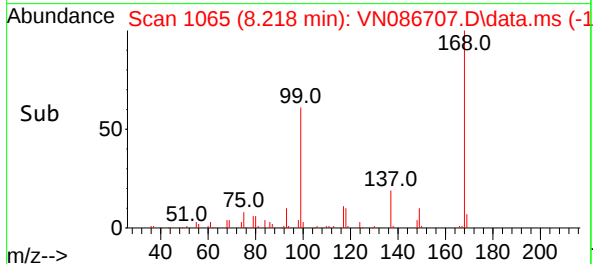
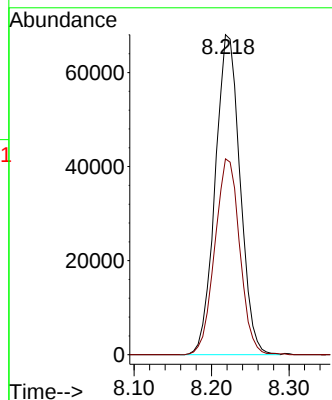
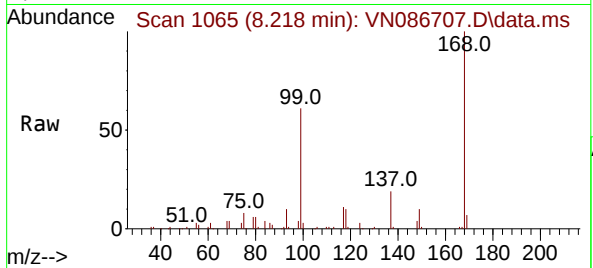




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086707.D
Acq: 20 May 2025 10:51

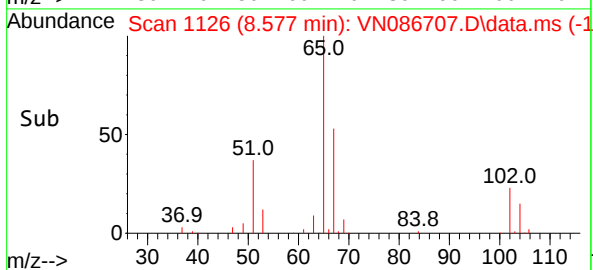
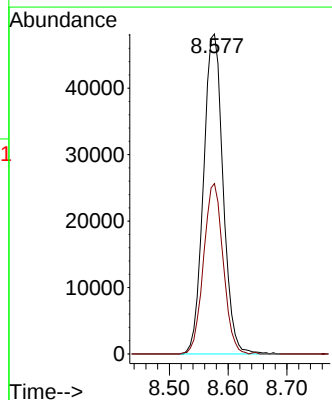
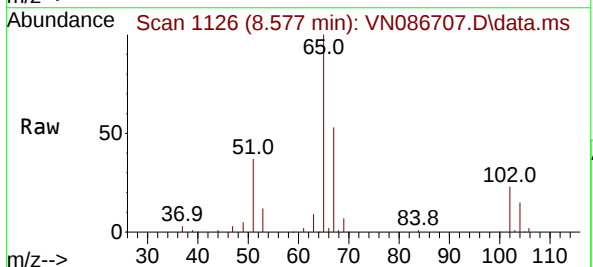
Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

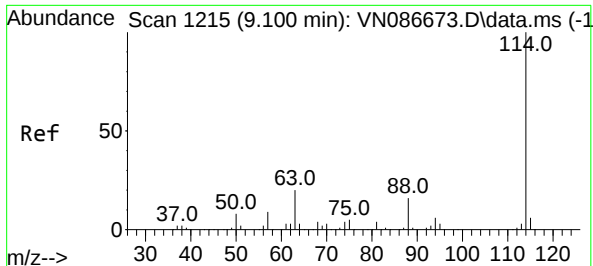
Tgt Ion:168 Resp: 151819
Ion Ratio Lower Upper
168 100
99 61.2 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 53.031 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086707.D
Acq: 20 May 2025 10:51

Tgt Ion: 65 Resp: 111251
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4

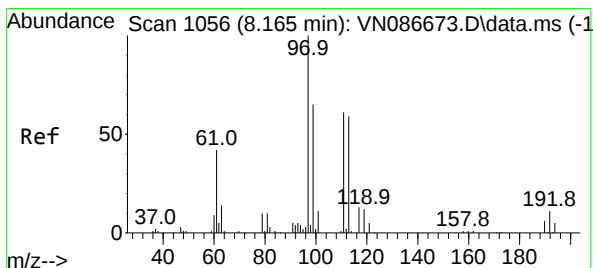
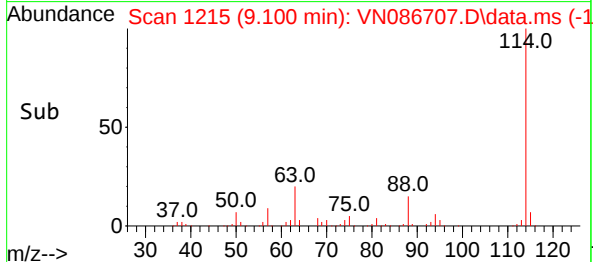
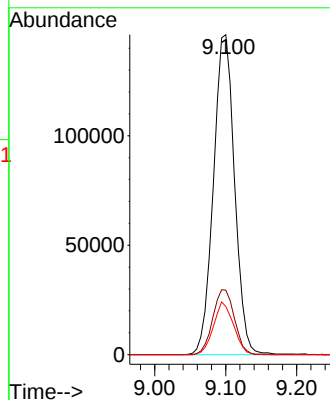
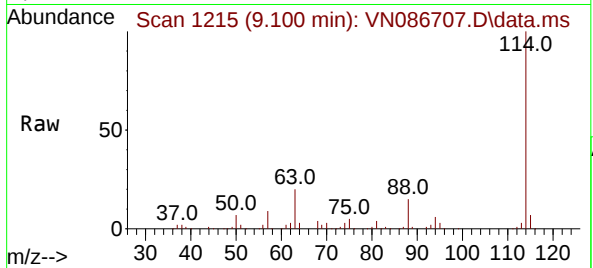




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086707.D
Acq: 20 May 2025 10:51

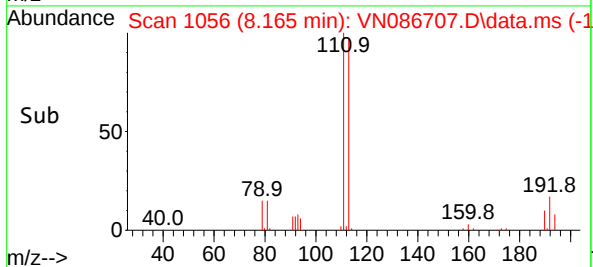
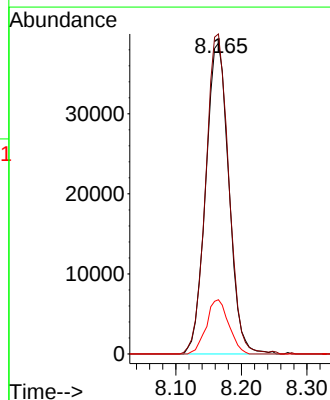
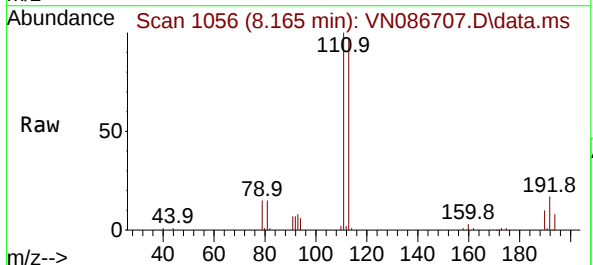
Instrument :
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ClientSampleId :
VN0520MBL01

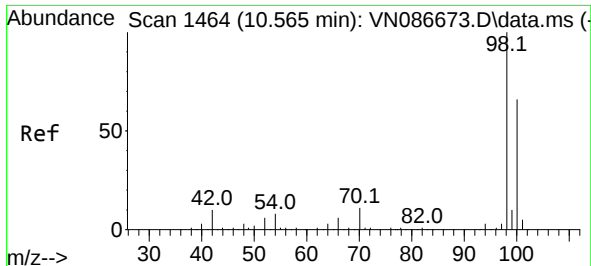
Tgt Ion:114 Resp: 301784
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 15.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 52.934 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086707.D
Acq: 20 May 2025 10:51

Tgt Ion:113 Resp: 95135
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 16.8 13.8 20.8

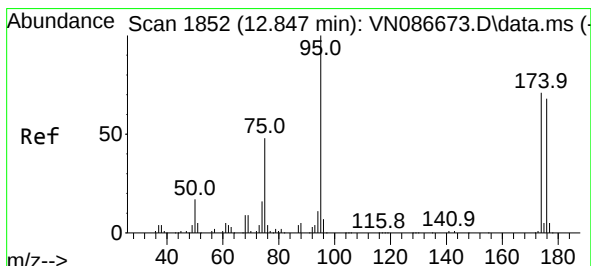
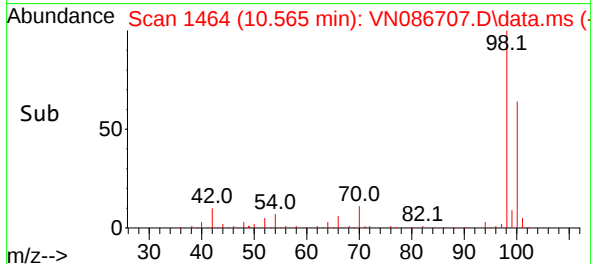
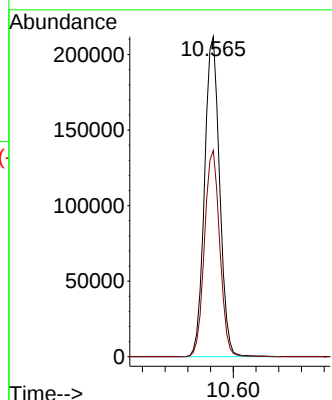
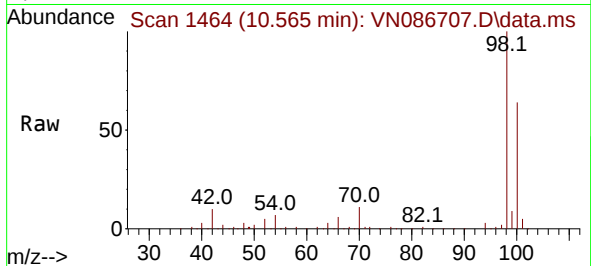




#50
Toluene-d8
Concen: 52.286 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086707.D
Acq: 20 May 2025 10:51

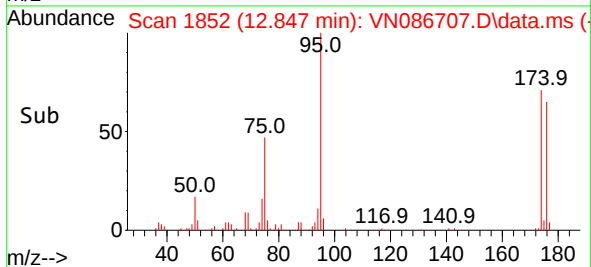
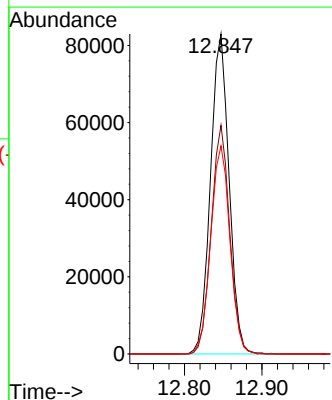
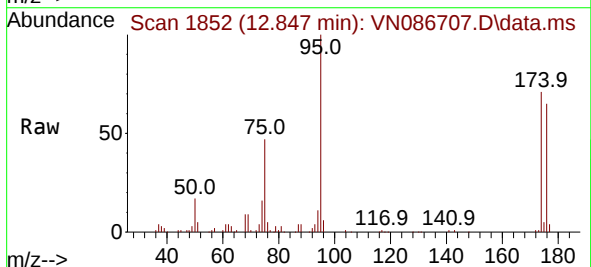
Instrument :
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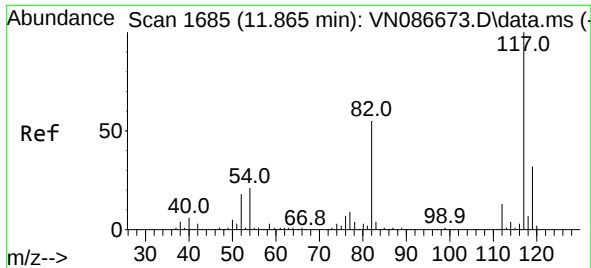
Tgt Ion: 98 Resp: 389420
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 52.485 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086707.D
Acq: 20 May 2025 10:51

Tgt Ion: 95 Resp: 138025
Ion Ratio Lower Upper
95 100
174 71.1 0.0 145.4
176 67.3 0.0 137.8

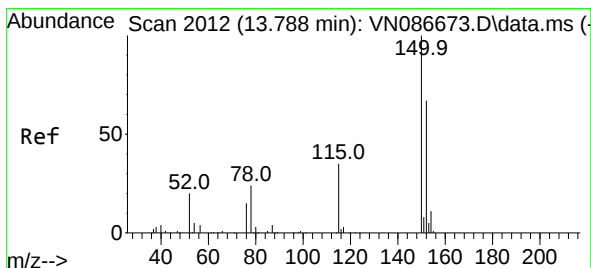
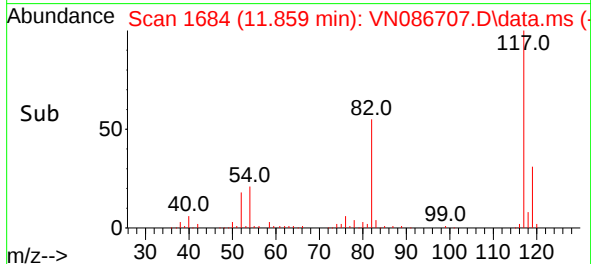
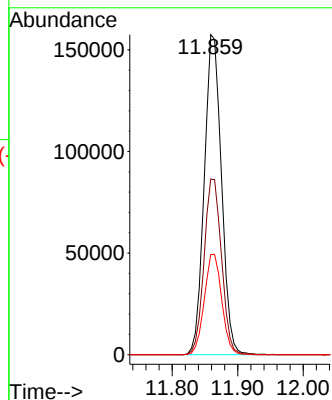
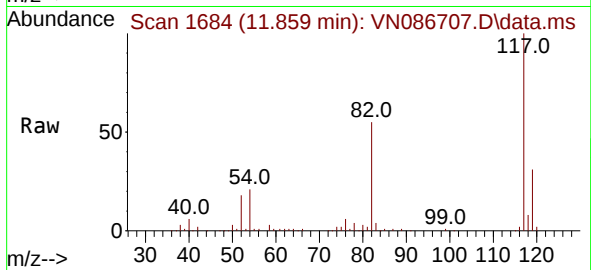




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN086707.D
Acq: 20 May 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0520MBL01

Tgt Ion:117 Resp: 287807
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086707.D
Acq: 20 May 2025 10:51

Tgt Ion:152 Resp: 119988
Ion Ratio Lower Upper
152 100
115 61.6 30.0 90.1
150 158.1 0.0 347.8

