

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086675.D
 Acq On : 16 May 2025 18:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 17 00:48:50 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	8.224	168	166347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	316539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126035	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116219	50.561	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.120%
35) Dibromofluoromethane	8.165	113	96681	51.286	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.580%
50) Toluene-d8	10.565	98	405557	51.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.847	95	143407	51.989	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.980%

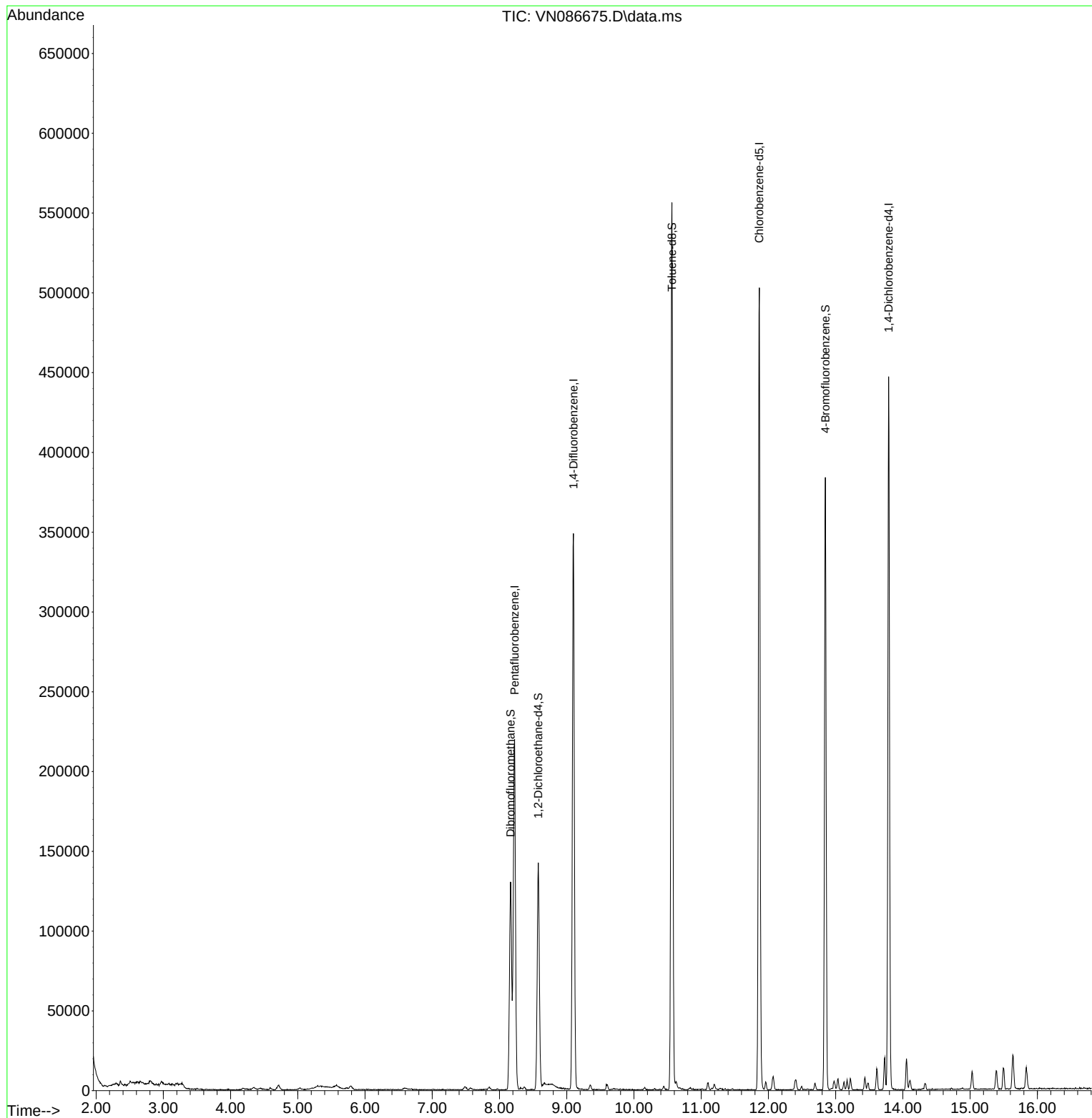
Target Compounds	Qvalue

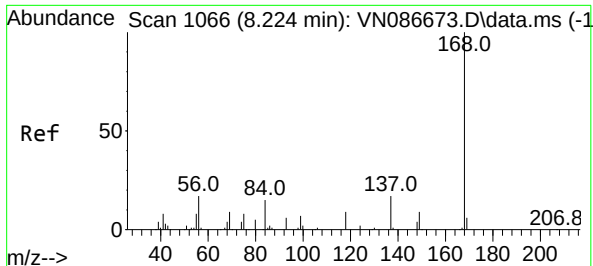
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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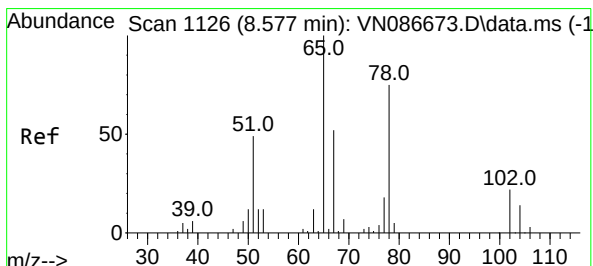
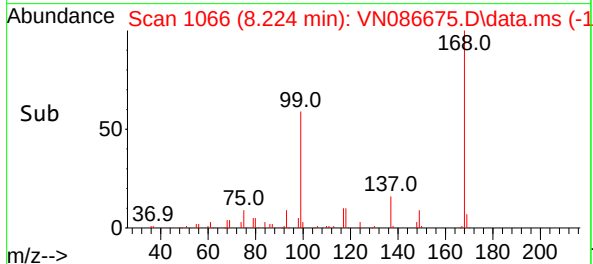
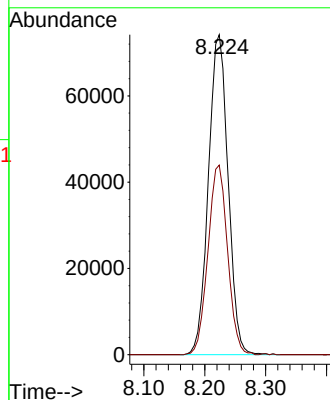
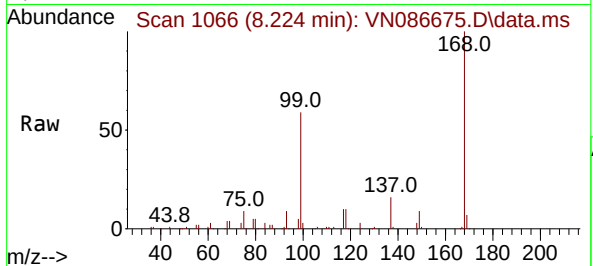




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086675.D
Acq: 16 May 2025 18:56

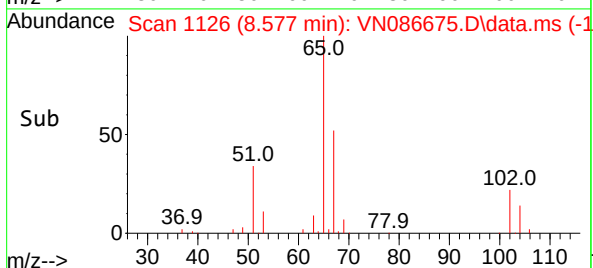
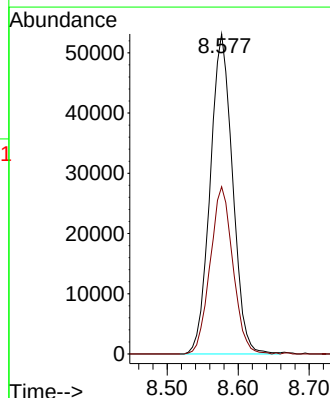
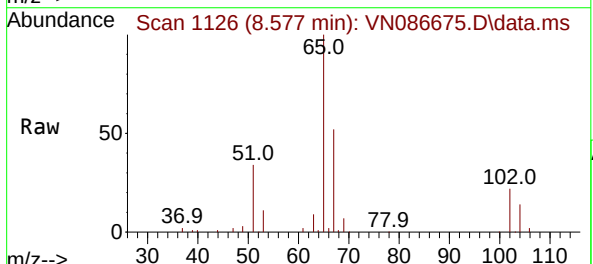
Instrument :
MSVOA_N
ClientSampleId :
IBLK

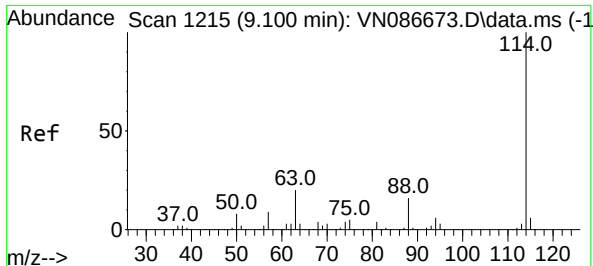
Tgt Ion:168 Resp: 166347
Ion Ratio Lower Upper
168 100
99 59.3 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 50.561 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086675.D
Acq: 16 May 2025 18:56

Tgt Ion: 65 Resp: 116219
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.4

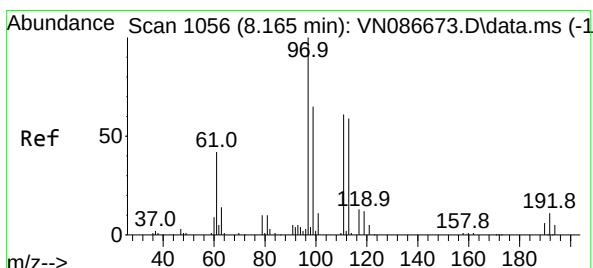
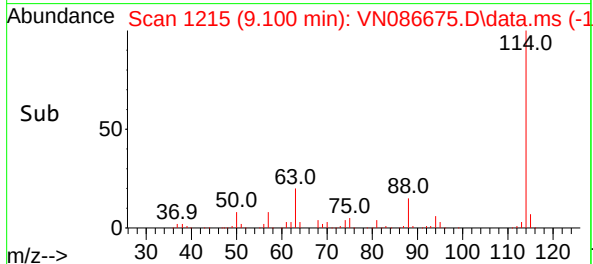
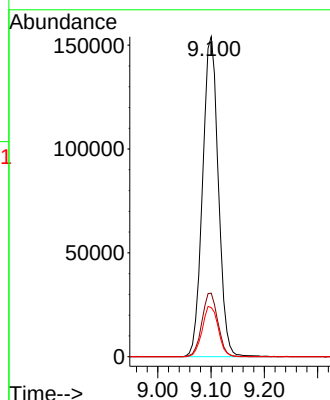
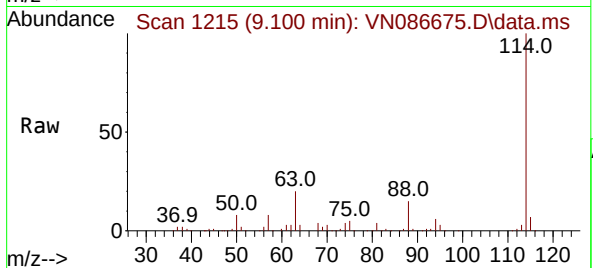




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086675.D
Acq: 16 May 2025 18:56

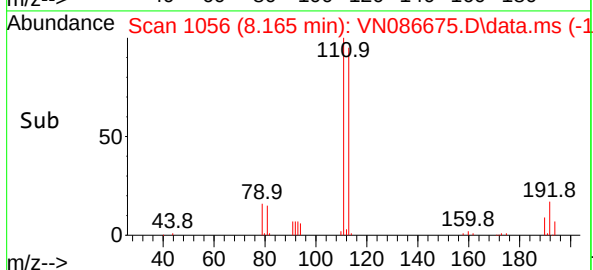
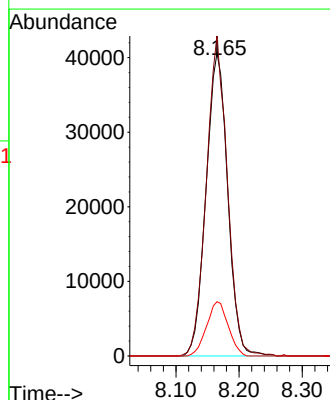
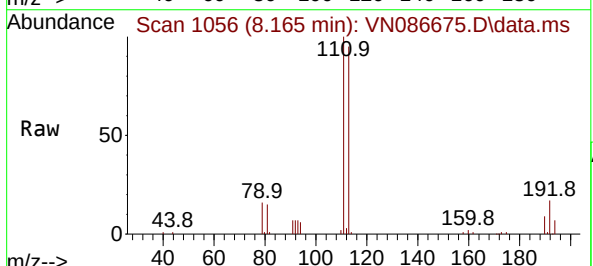
Instrument :
MSVOA_N
ClientSampleId :
IBLK

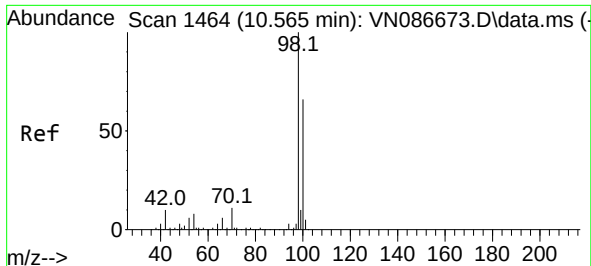
Tgt Ion:114 Resp: 316539
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 15.4 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.286 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086675.D
Acq: 16 May 2025 18:56

Tgt Ion:113 Resp: 96681
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.9 13.8 20.8

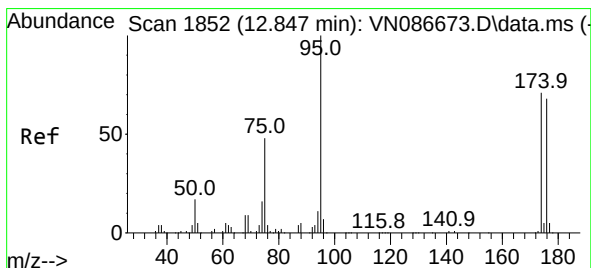
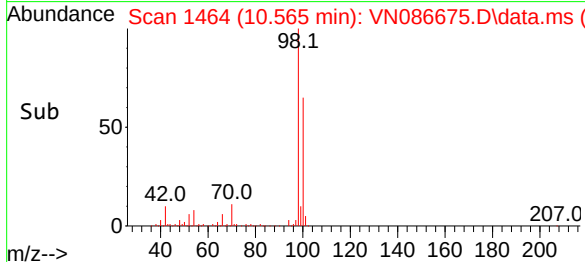
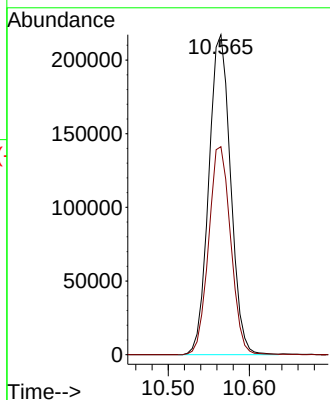
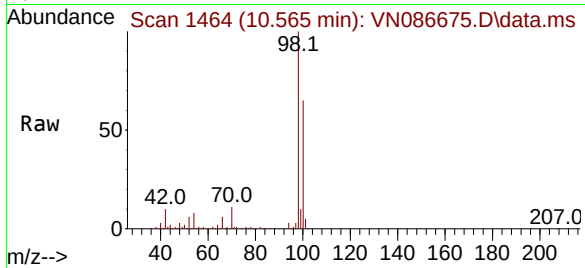




#50
Toluene-d8
Concen: 51.914 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086675.D
Acq: 16 May 2025 18:56

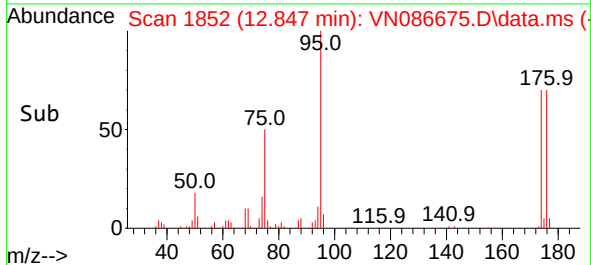
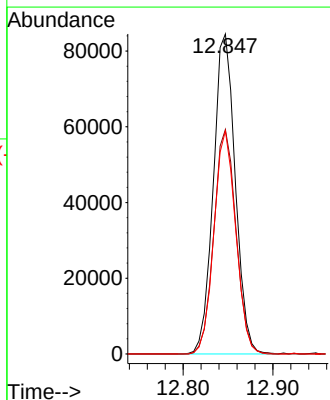
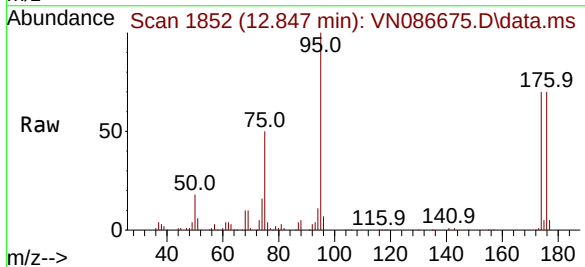
Instrument :
MSVOA_N
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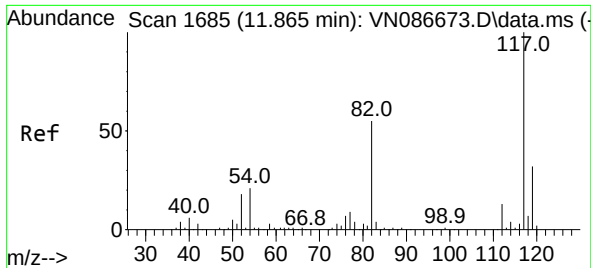
Tgt Ion: 98 Resp: 405557
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.989 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086675.D
Acq: 16 May 2025 18:56

Tgt Ion: 95 Resp: 143407
Ion Ratio Lower Upper
95 100
174 70.8 0.0 145.4
176 69.2 0.0 137.8

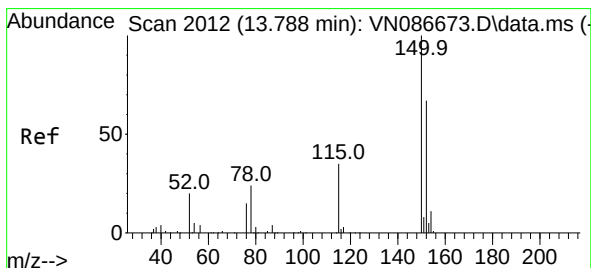
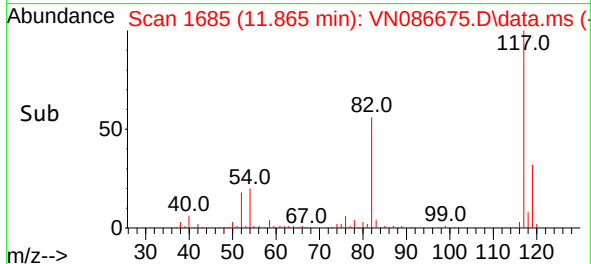
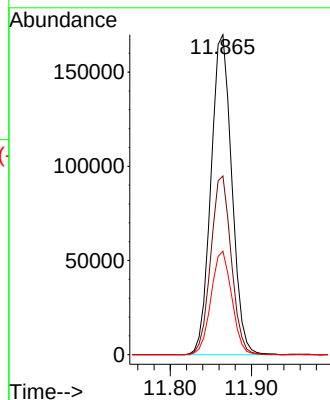
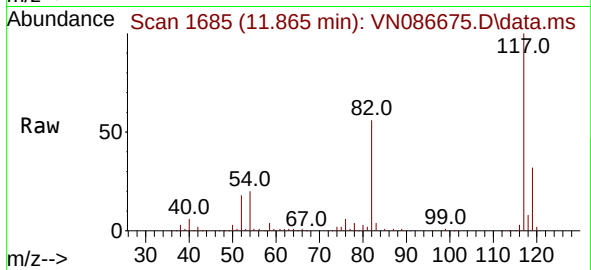




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086675.D
Acq: 16 May 2025 18:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 302901
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 32.4 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: VN086675.D
Acq: 16 May 2025 18:56

Tgt Ion:152 Resp: 126035
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.1
150 157.3 0.0 347.8

