

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086918.D
 Acq On : 10 Jun 2025 11:25
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:50:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	245467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	454750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	399887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	185801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	158353	48.182	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.360%
35) Dibromofluoromethane	8.177	113	135568	50.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	10.565	98	548190	51.383	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.847	95	193581	48.838	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.680%

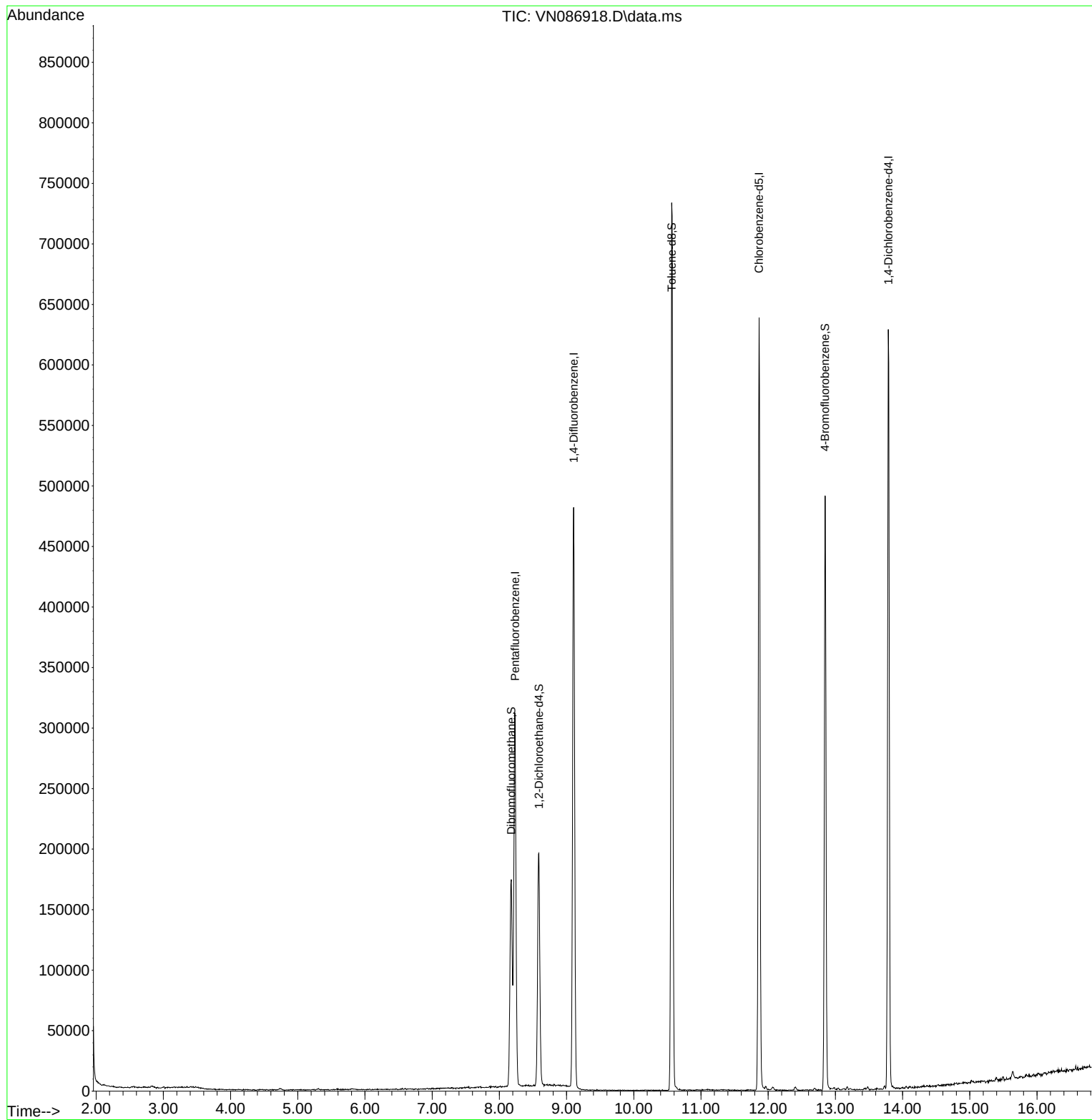
Target Compounds	Qvalue

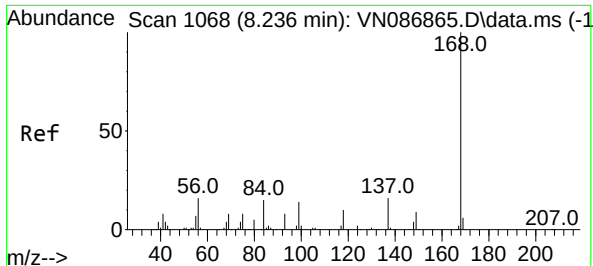
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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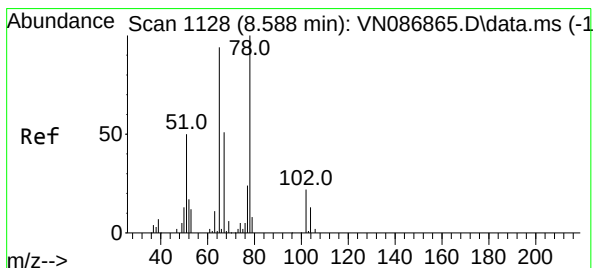
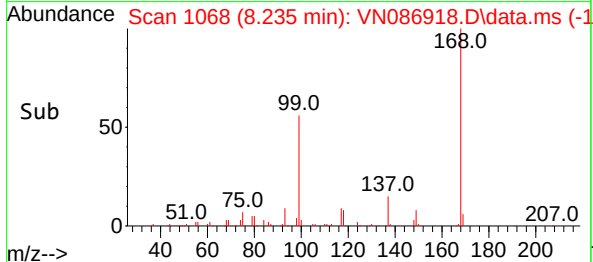
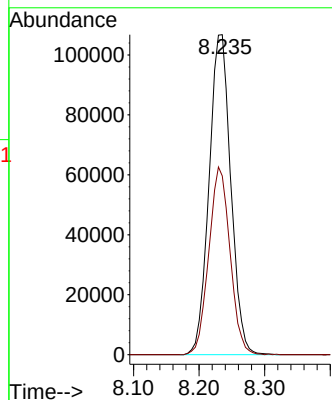
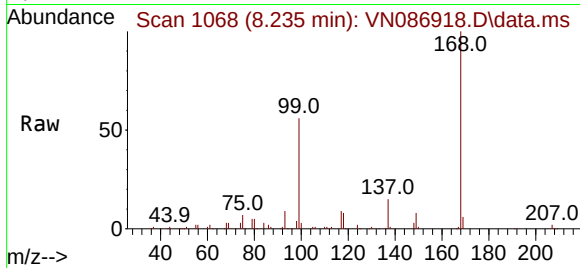




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

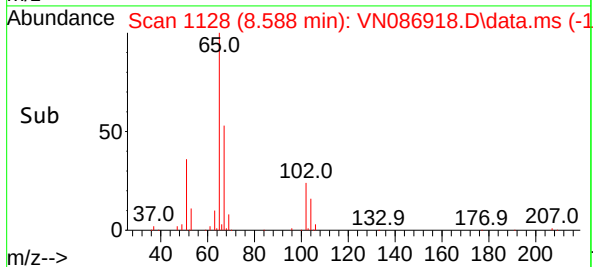
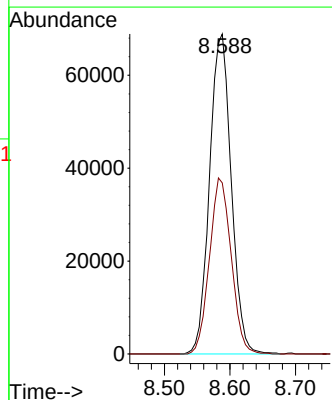
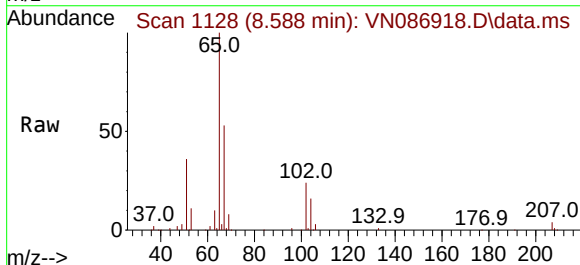
Instrument : MSVOA_N
ClientSampleId : IBLK

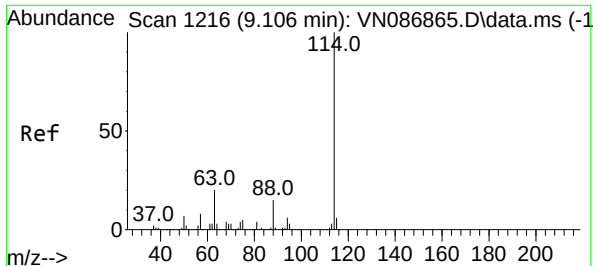
Tgt Ion:168 Resp: 245467
Ion Ratio Lower Upper
168 100
99 55.8 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 48.182 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion: 65 Resp: 158353
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.6

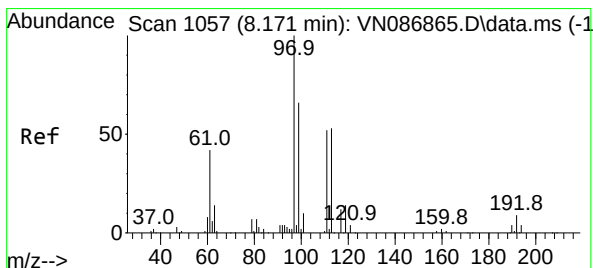
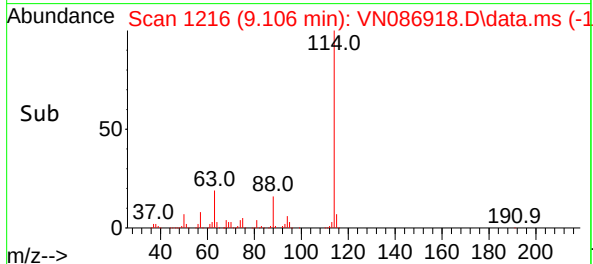
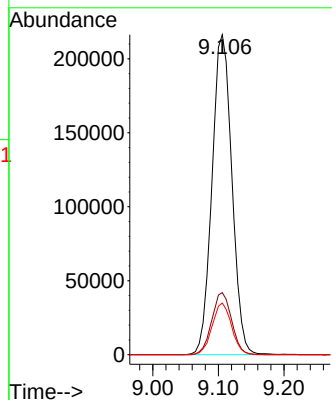
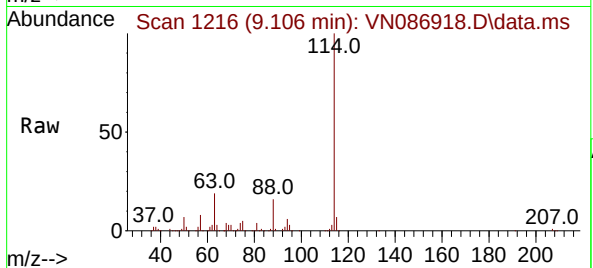




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

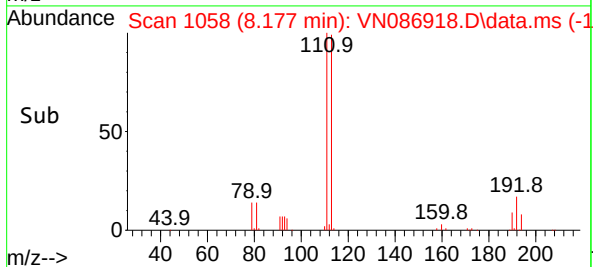
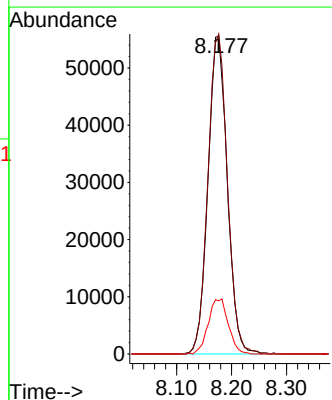
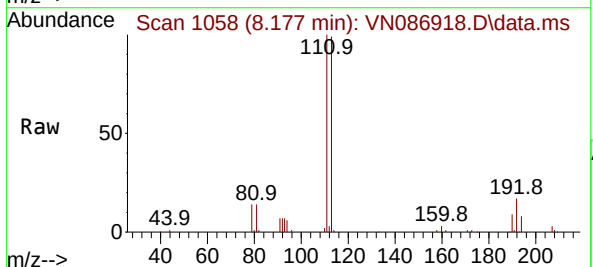
Instrument :
MSVOA_N
ClientSampleId :
IBLK

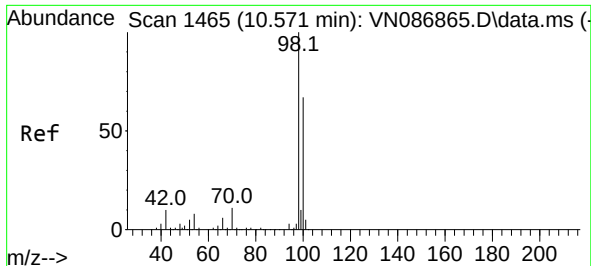
Tgt Ion:114 Resp: 454750
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 16.2 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.304 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion:113 Resp: 135568
Ion Ratio Lower Upper
113 100
111 101.5 84.2 126.2
192 18.0 14.2 21.4

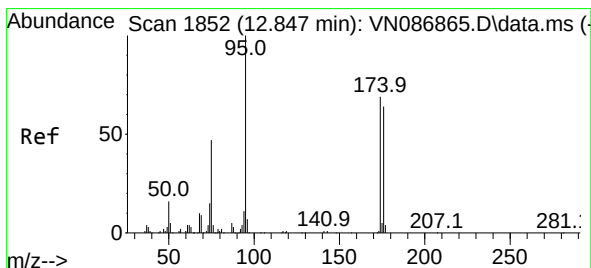
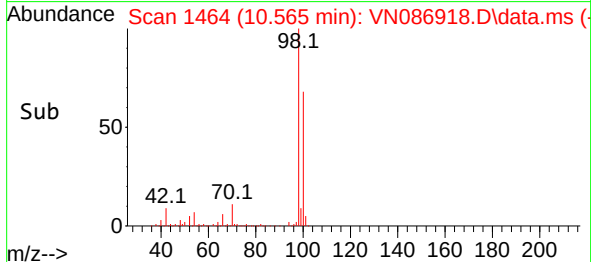
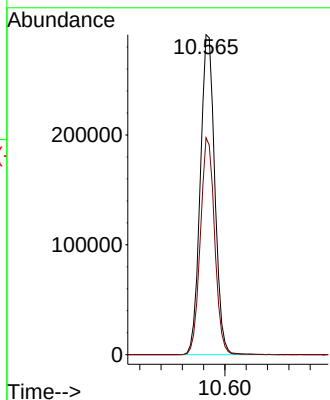
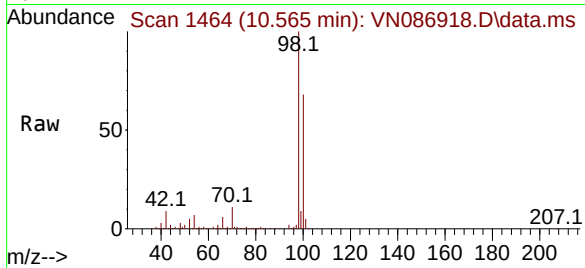




#50
Toluene-d8
Concen: 51.383 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

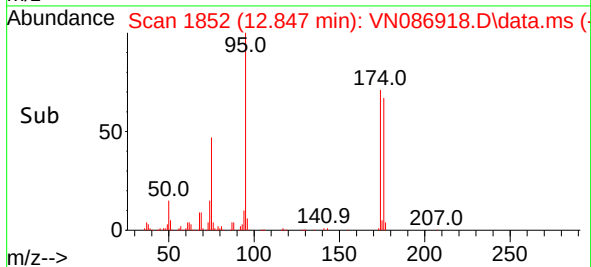
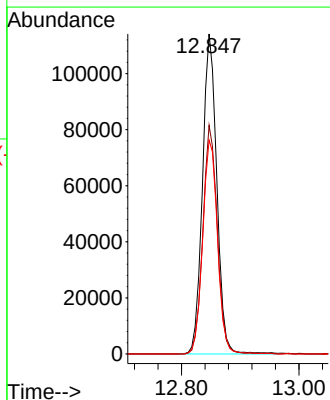
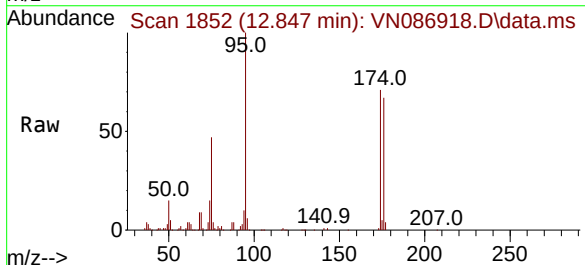
Instrument :
MSVOA_N
ClientSampleId :
IBLK

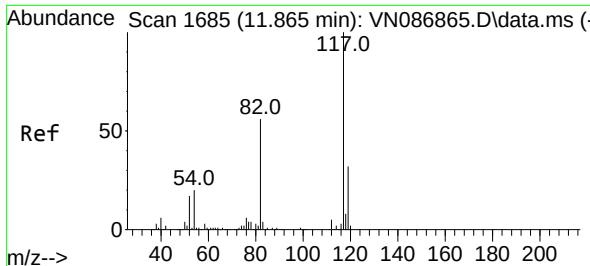
Tgt Ion: 98 Resp: 548190
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.838 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion: 95 Resp: 193581
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.8
176 68.9 0.0 132.6

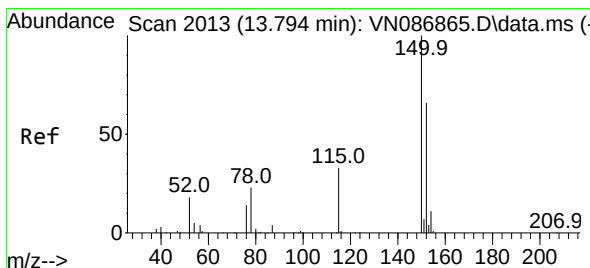
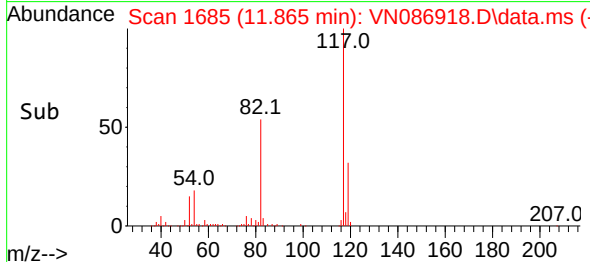
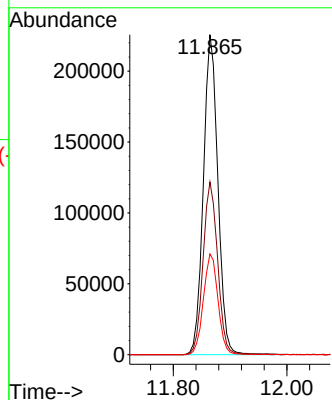
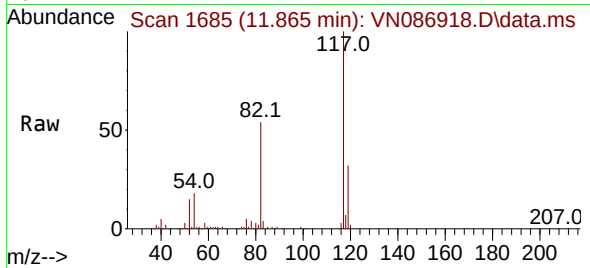




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 399887
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion:152 Resp: 185801
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.5
150 157.9 0.0 345.0

