

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087229.D
 Acq On : 27 Jun 2025 17:42
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 27 23:48:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	155930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129443	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127745	56.928	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.860%
35) Dibromofluoromethane	8.171	113	101125	48.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.565	98	413823	47.584	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.847	95	141547	46.906	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.820%

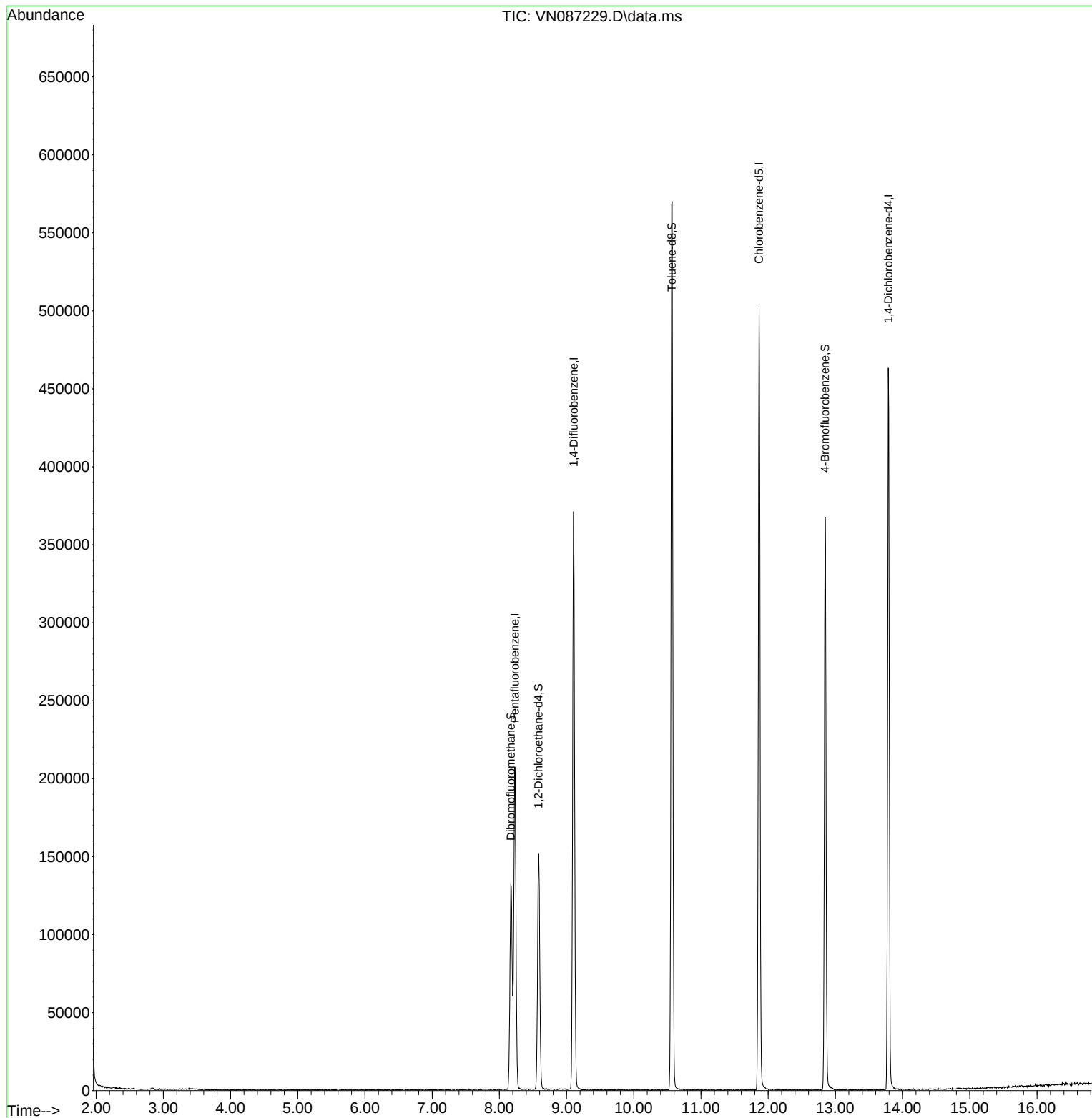
Target Compounds	Qvalue

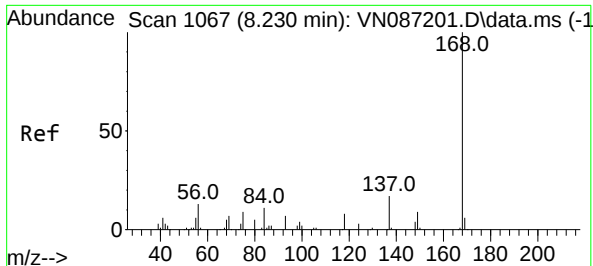
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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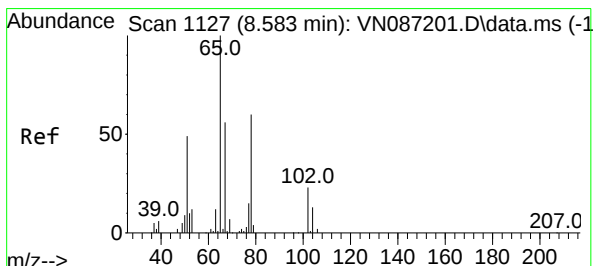
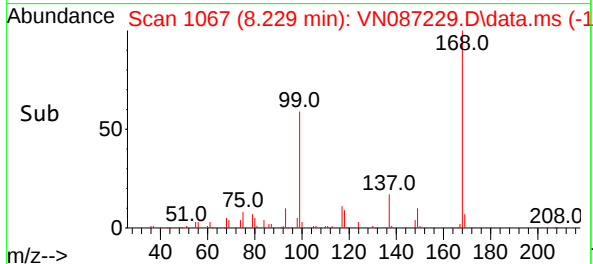
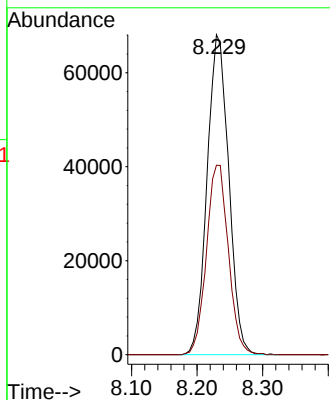
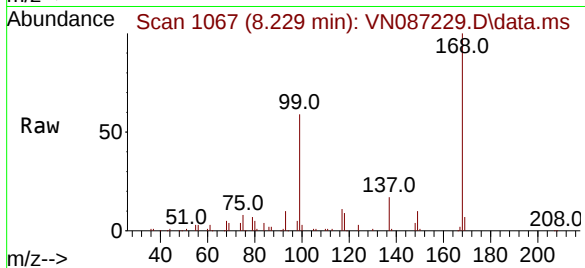




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087229.D
Acq: 27 Jun 2025 17:42

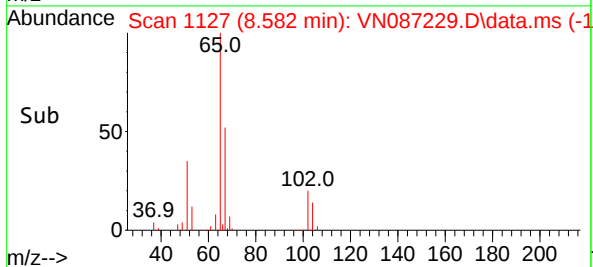
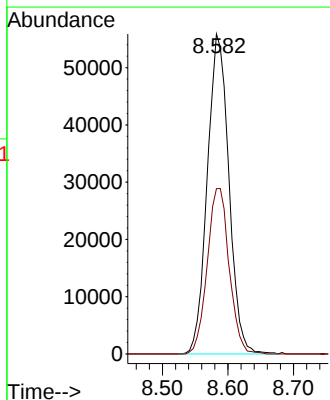
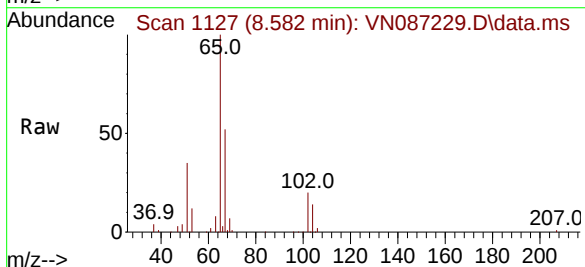
Instrument :
MSVOA_N
ClientSampleId :
IBLK

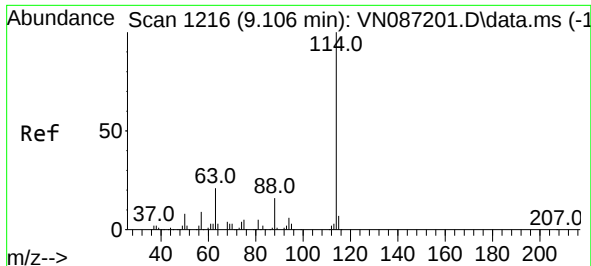
Tgt Ion:168 Resp: 155930
Ion Ratio Lower Upper
168 100
99 59.2 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 56.928 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087229.D
Acq: 27 Jun 2025 17:42

Tgt Ion: 65 Resp: 127745
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.0

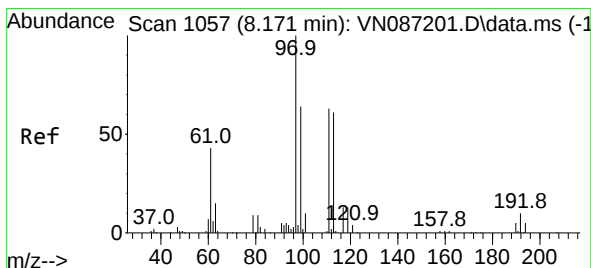
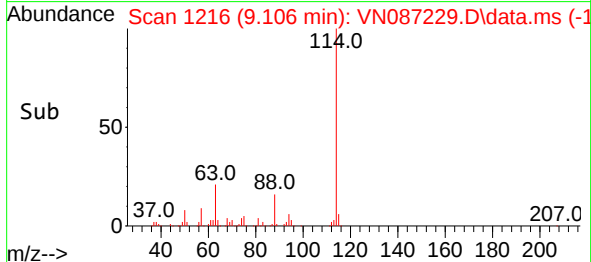
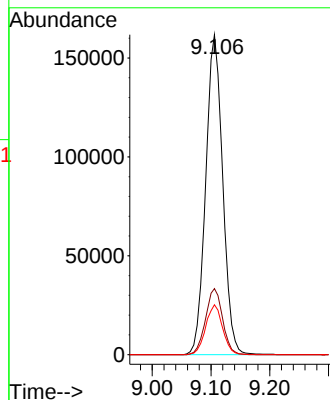
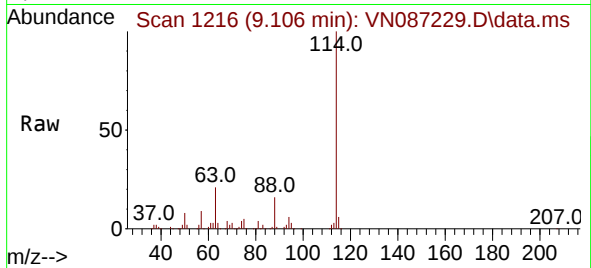




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087229.D
Acq: 27 Jun 2025 17:42

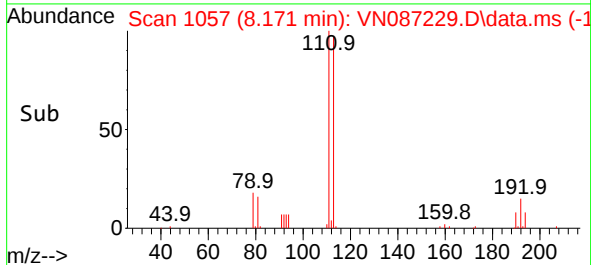
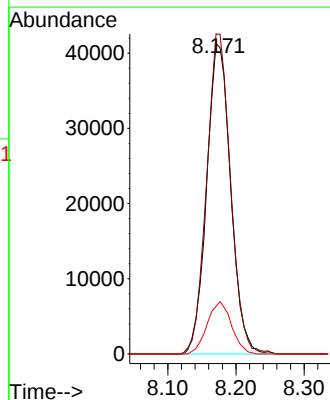
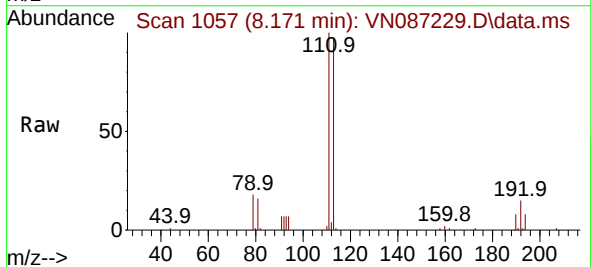
Instrument :
MSVOA_N
ClientSampleId :
IBLK

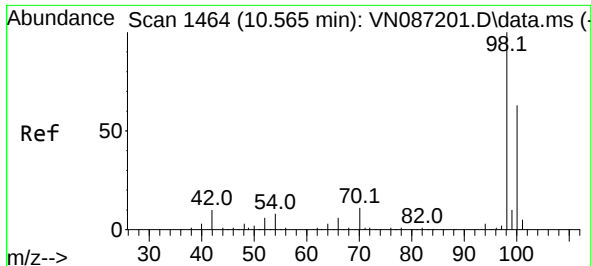
Tgt Ion:114 Resp: 325244
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.0
88 15.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.092 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087229.D
Acq: 27 Jun 2025 17:42

Tgt Ion:113 Resp: 101125
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 17.0 13.5 20.3

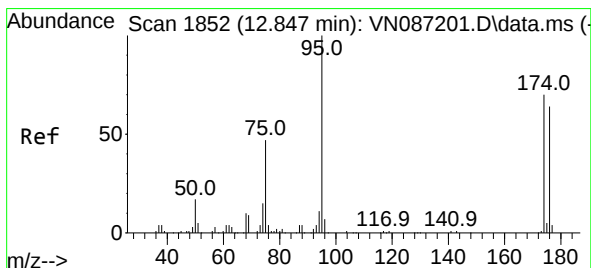
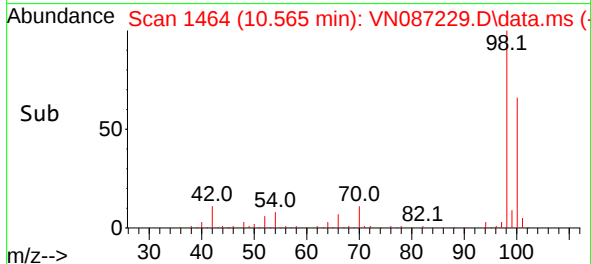
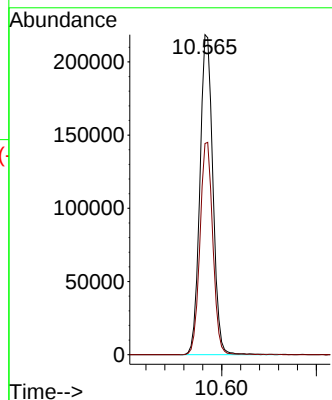
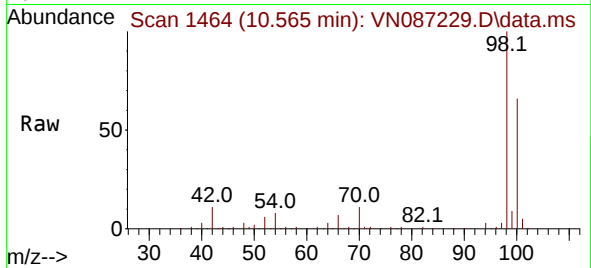




#50
Toluene-d8
Concen: 47.584 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087229.D
Acq: 27 Jun 2025 17:42

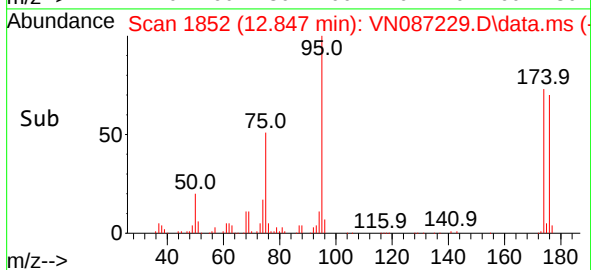
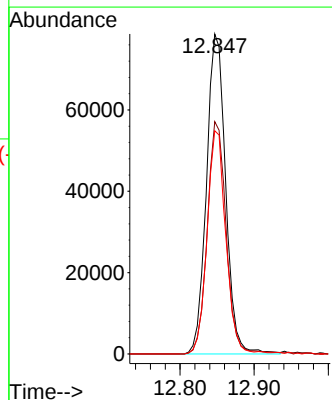
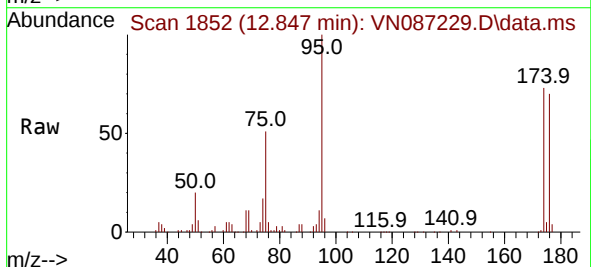
Instrument :
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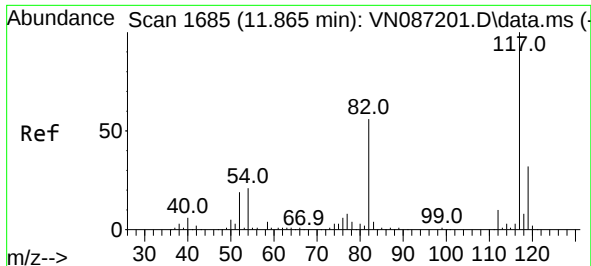
Tgt Ion: 98 Resp: 413823
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.906 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087229.D
Acq: 27 Jun 2025 17:42

Tgt Ion: 95 Resp: 141547
Ion Ratio Lower Upper
95 100
174 71.7 0.0 142.2
176 68.4 0.0 134.8

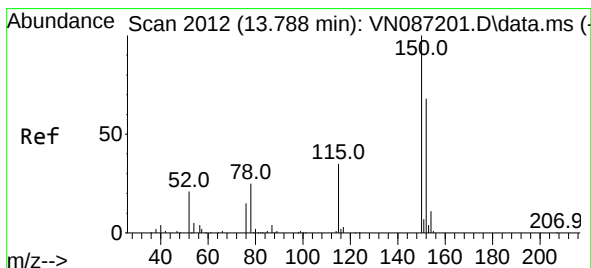
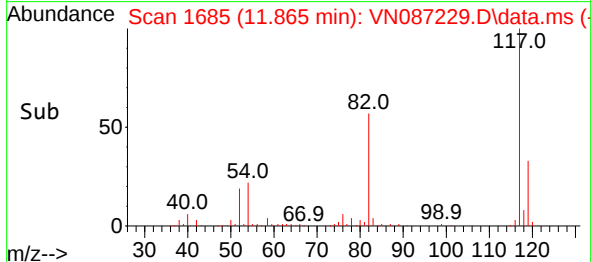
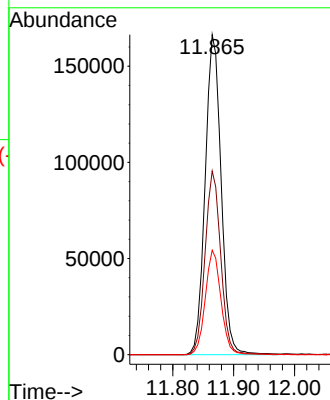
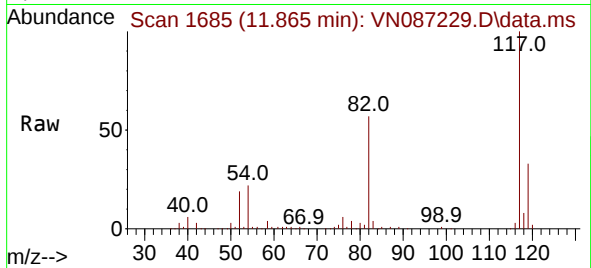




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087229.D
Acq: 27 Jun 2025 17:42

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 303989
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087229.D
Acq: 27 Jun 2025 17:42

Tgt Ion:152 Resp: 129443
Ion Ratio Lower Upper
152 100
115 61.4 30.6 91.8
150 160.0 0.0 347.8

