

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088194.D
 Acq On : 31 Oct 2025 17:07
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 01 00:38:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	256403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	582234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	559346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	274417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	263863	59.512	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.020%
35) Dibromofluoromethane	8.153	113	197725	50.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	10.541	98	750093	49.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.829	95	305359	57.369	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.740%

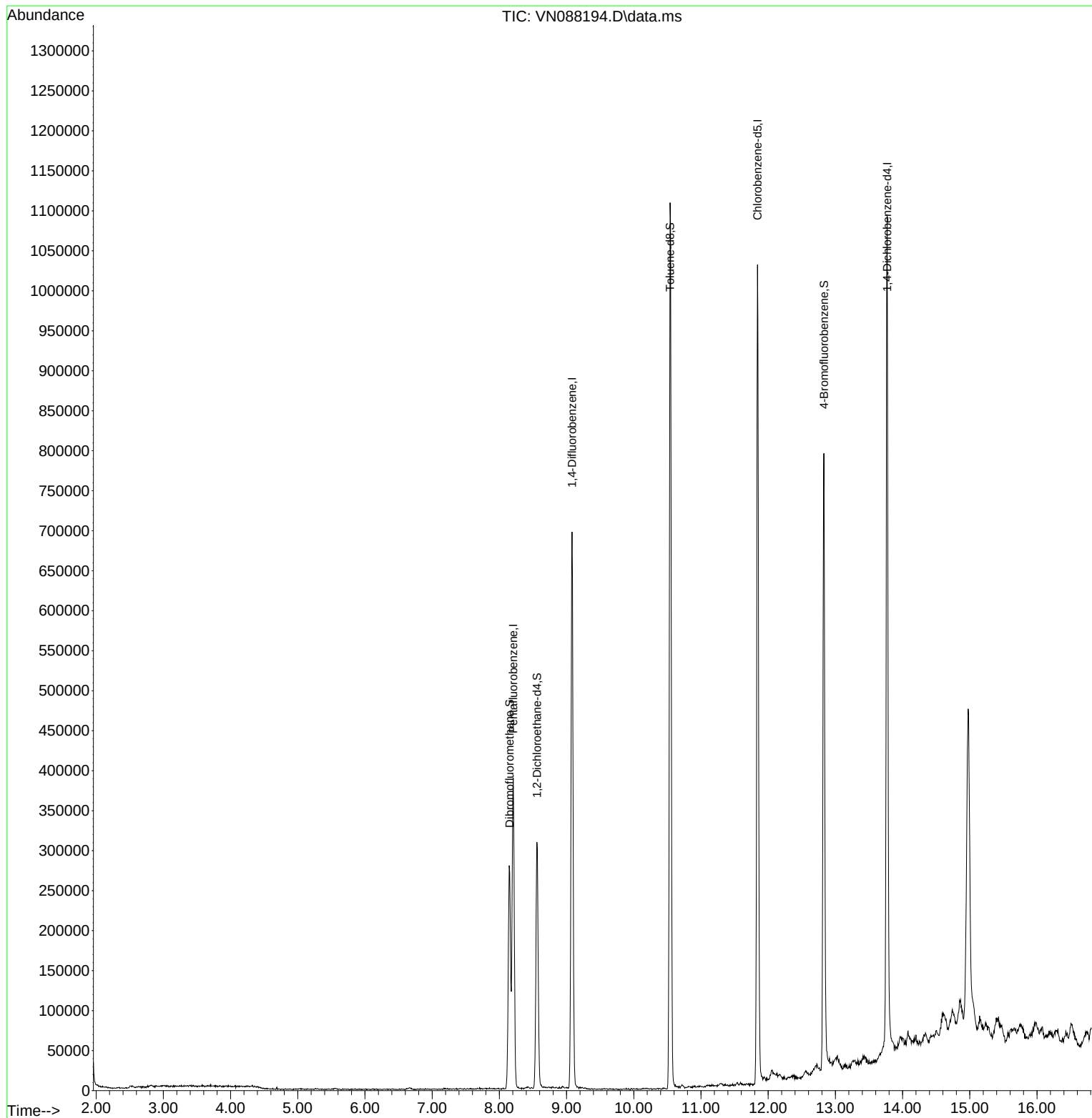
Target Compounds	Qvalue

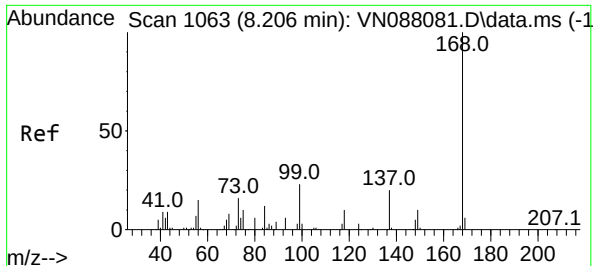
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088194.D
Acq On : 31 Oct 2025 17:07
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Nov 01 00:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

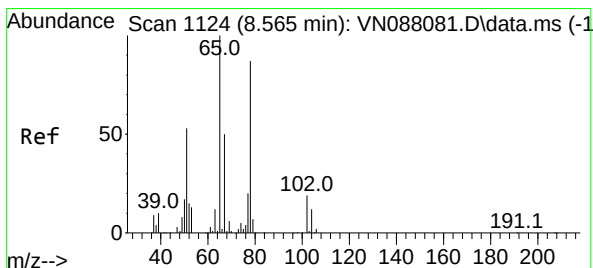
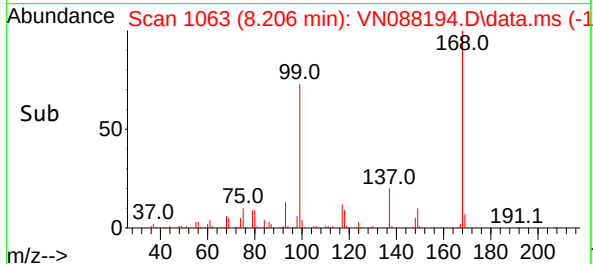
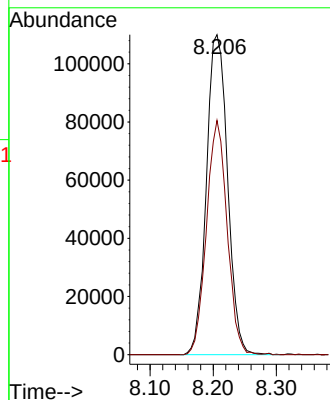
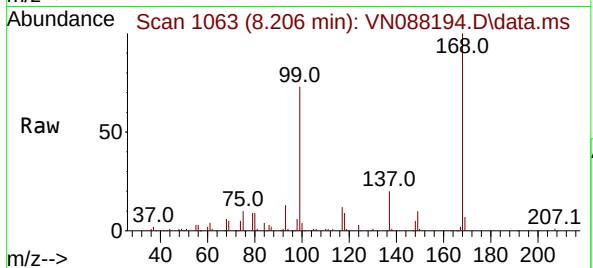




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088194.D
Acq: 31 Oct 2025 17:07

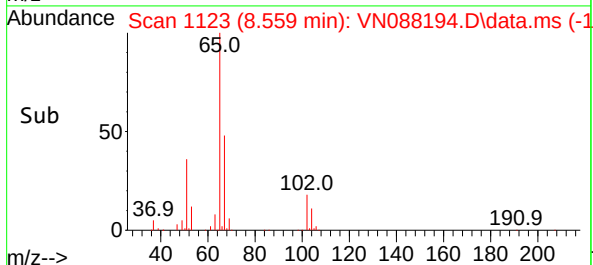
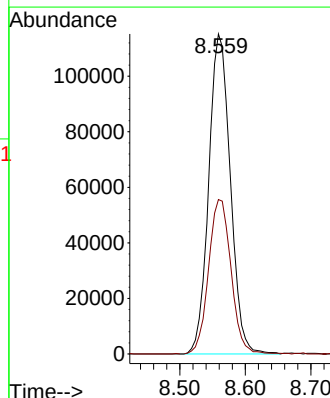
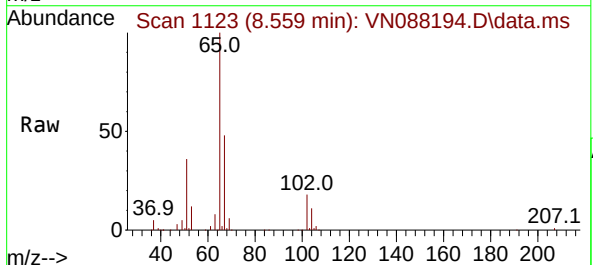
Instrument :
MSVOA_N
ClientSampleId :
IBLK

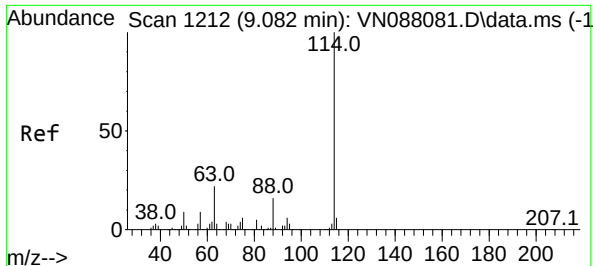
Tgt Ion:168 Resp: 256403
Ion Ratio Lower Upper
168 100
99 73.2 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 59.512 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088194.D
Acq: 31 Oct 2025 17:07

Tgt Ion: 65 Resp: 263863
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.0

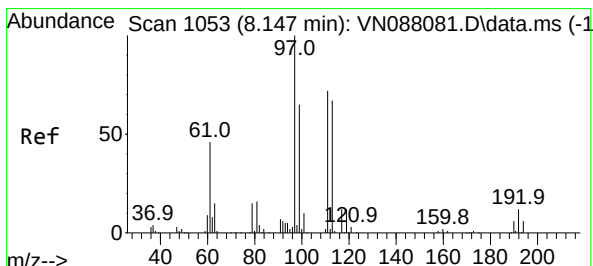
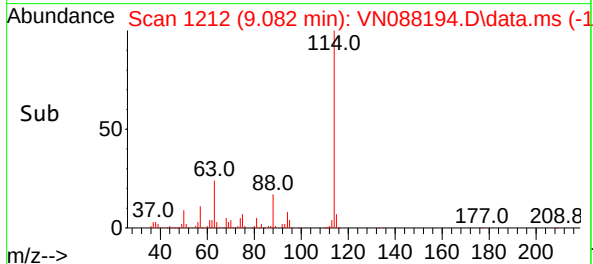
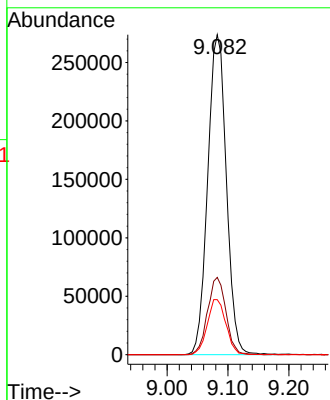
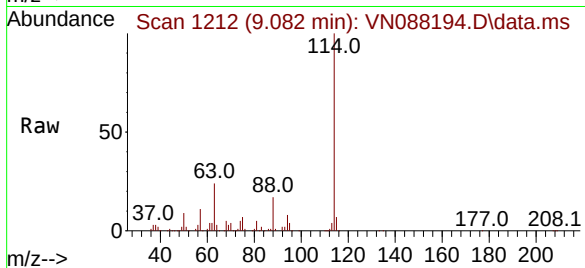




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088194.D
Acq: 31 Oct 2025 17:07

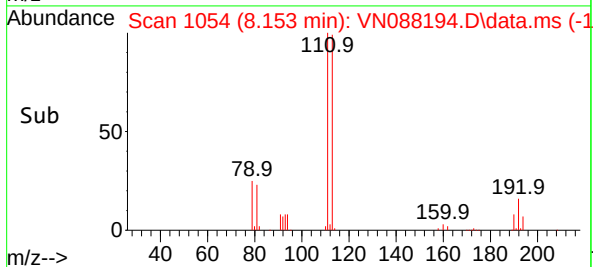
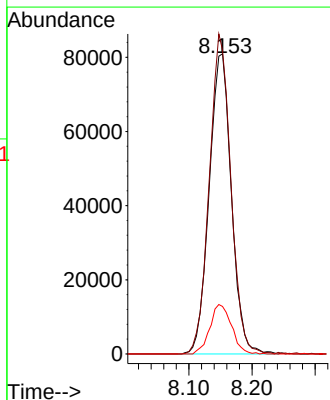
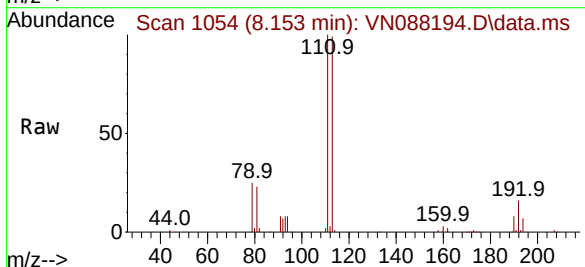
Instrument :
MSVOA_N
ClientSampleId :
IBLK

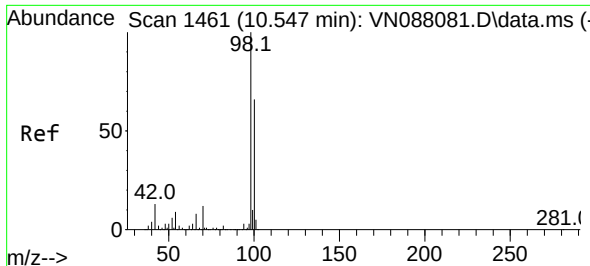
Tgt Ion:114 Resp: 582234
Ion Ratio Lower Upper
114 100
63 24.2 0.0 45.2
88 17.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.550 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088194.D
Acq: 31 Oct 2025 17:07

Tgt Ion:113 Resp: 197725
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 16.1 12.8 19.2

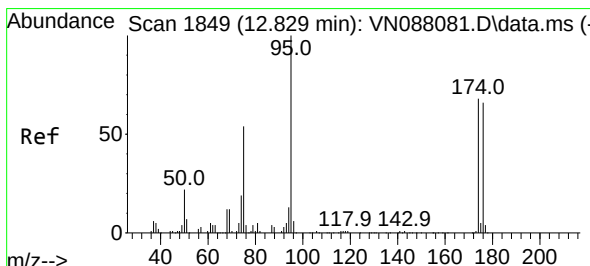
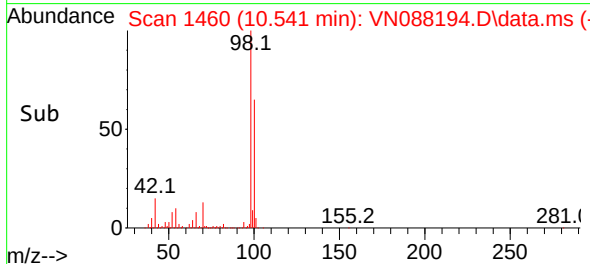
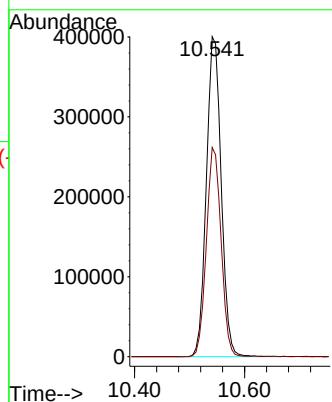
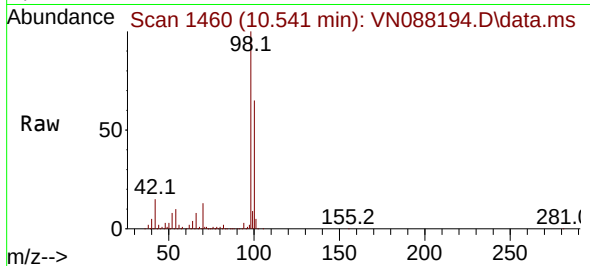




#50
Toluene-d8
Concen: 49.769 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088194.D
Acq: 31 Oct 2025 17:07

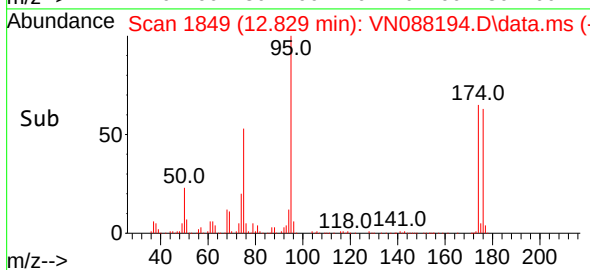
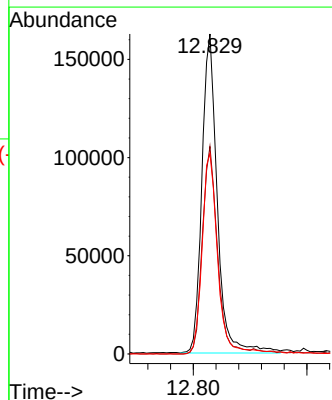
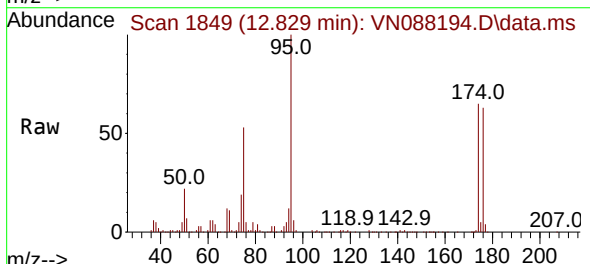
Instrument :
MSVOA_N
ClientSampleId :
IBLK

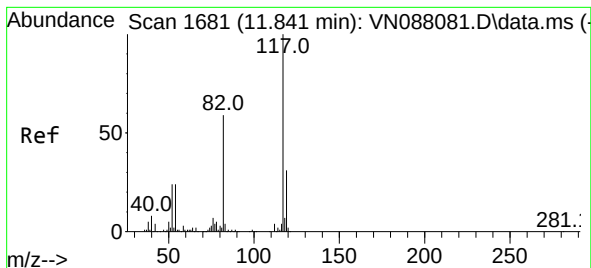
Tgt Ion: 98 Resp: 750093
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 57.369 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088194.D
Acq: 31 Oct 2025 17:07

Tgt Ion: 95 Resp: 305359
Ion Ratio Lower Upper
95 100
174 63.7 0.0 138.4
176 63.7 0.0 132.6

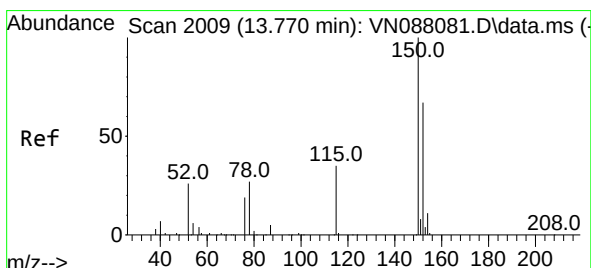
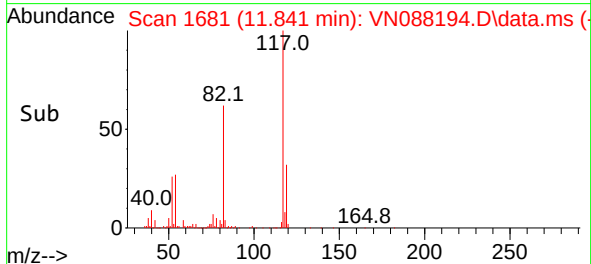
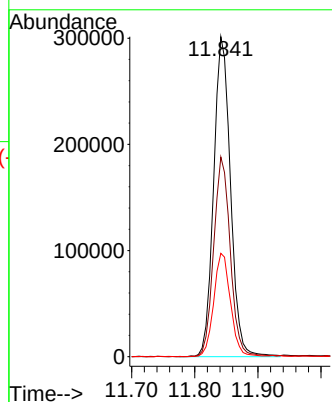
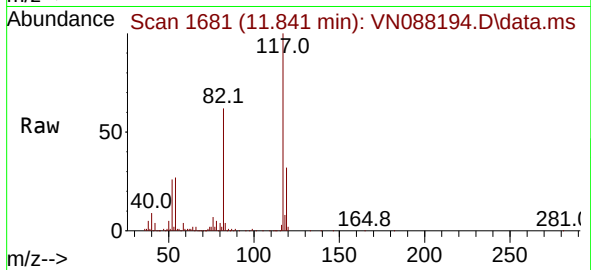




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088194.D
Acq: 31 Oct 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 559346
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 32.2 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088194.D
Acq: 31 Oct 2025 17:07

Tgt Ion:152 Resp: 274417
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 158.6 0.0 351.0

