

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086811.D
 Acq On : 29 May 2025 12:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 30 02:27:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	39479	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	223586	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	194901	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80654	29.734	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.100%
60) 4-Bromofluorobenzene	12.847	95	82343	26.910	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.700%
63) Toluene-d8	10.565	98	267372	29.888	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.633%

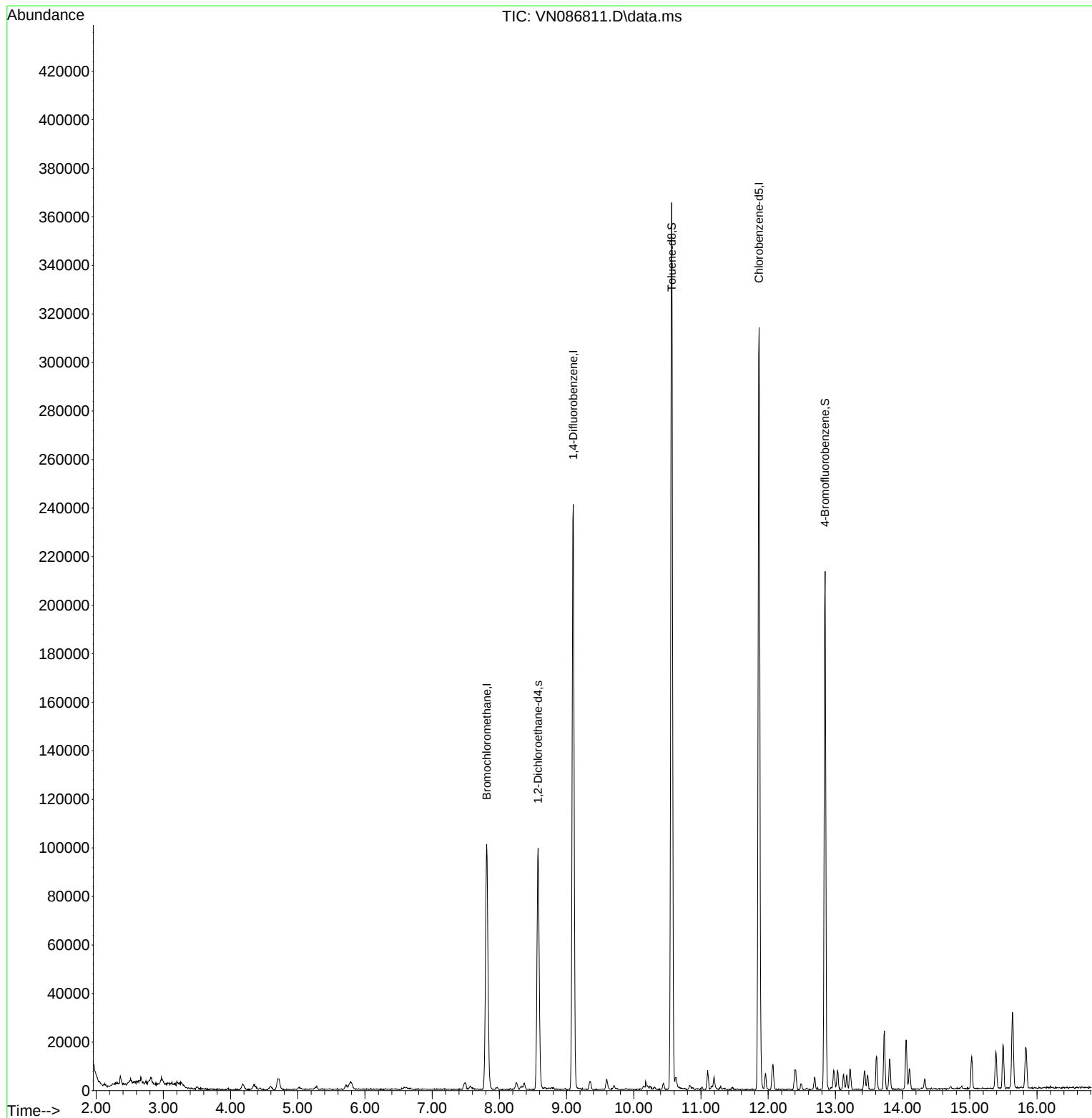
Target Compounds	Qvalue

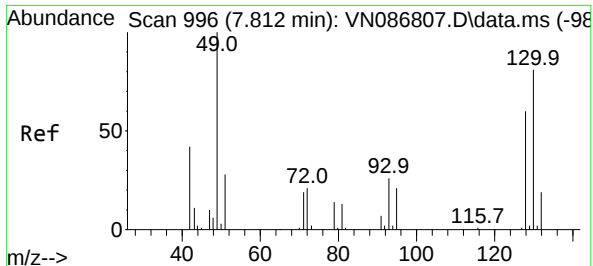
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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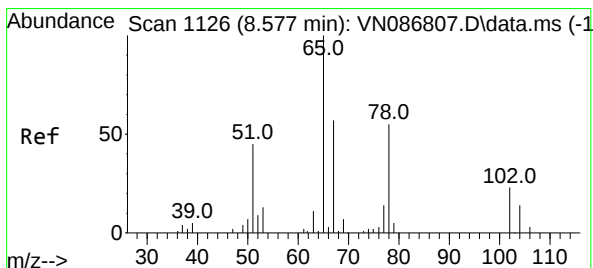
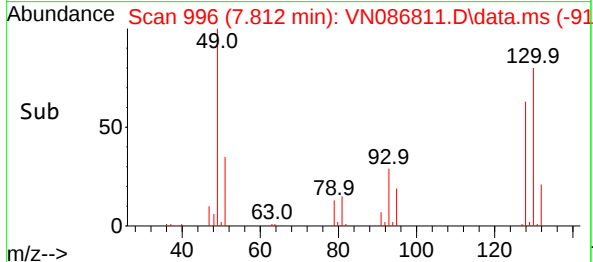
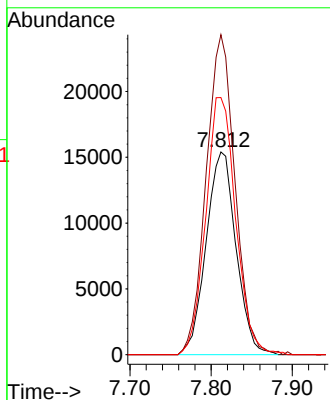
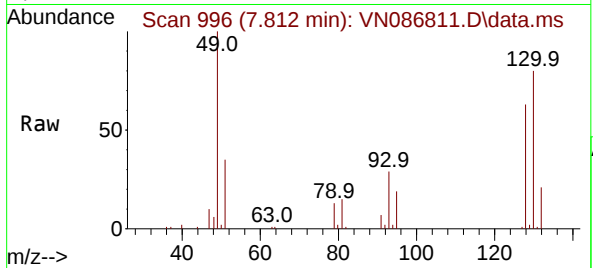




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086811.D
Acq: 29 May 2025 12:56

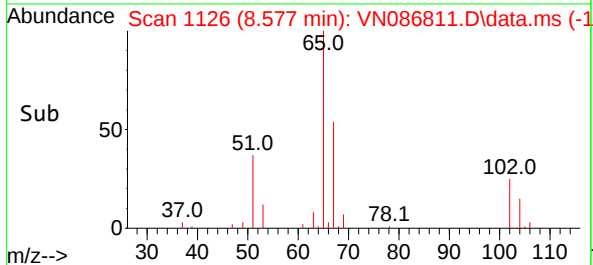
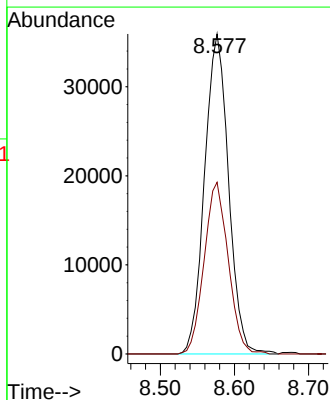
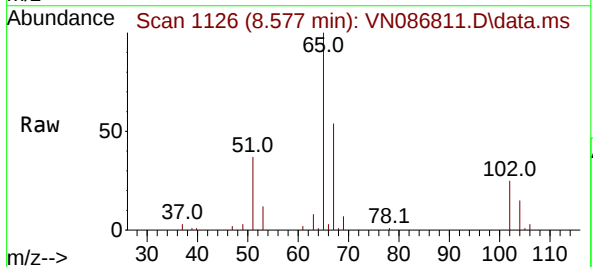
Instrument :
MSVOA_N
ClientSampleId :
IBLK

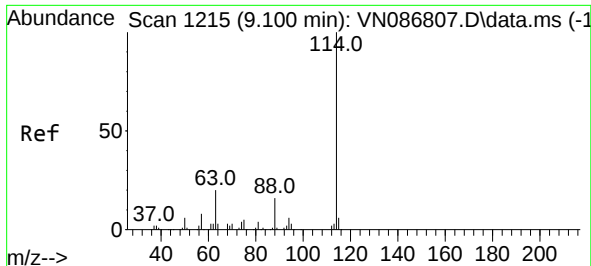
Tgt Ion:128 Resp: 39479
Ion Ratio Lower Upper
128 100
49 151.8 0.0 404.5
130 127.3 0.0 322.2



#27
1,2-Dichloroethane-d4
Concen: 29.734 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086811.D
Acq: 29 May 2025 12:56

Tgt Ion: 65 Resp: 80654
Ion Ratio Lower Upper
65 100
67 53.8 44.6 67.0

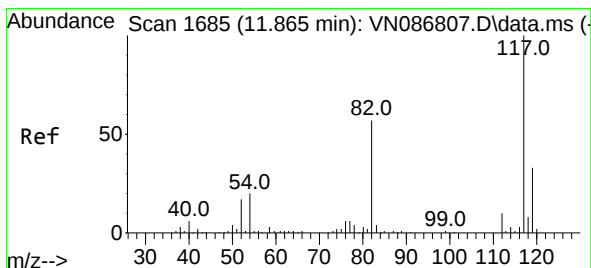
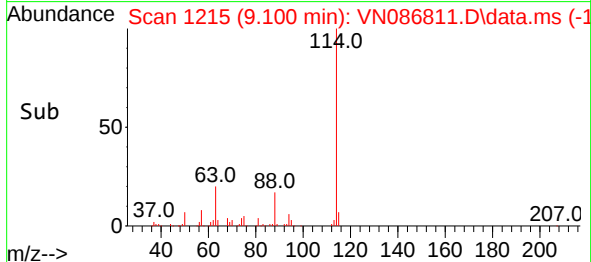
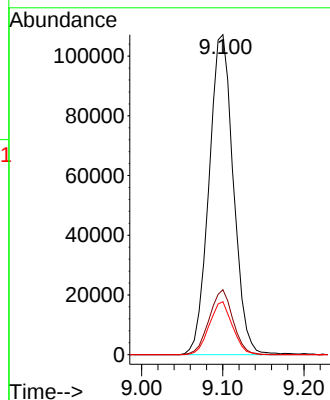
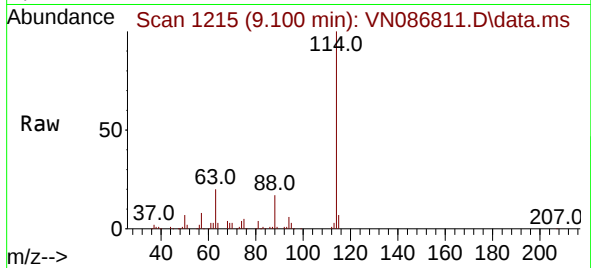




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086811.D
Acq: 29 May 2025 12:56

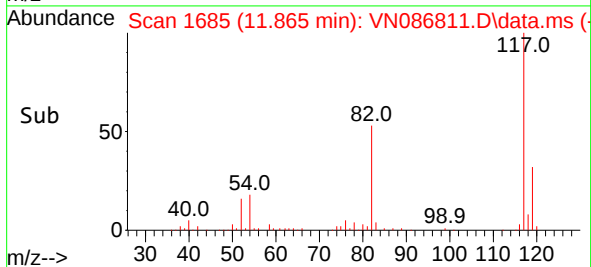
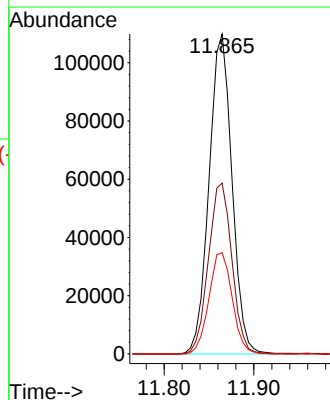
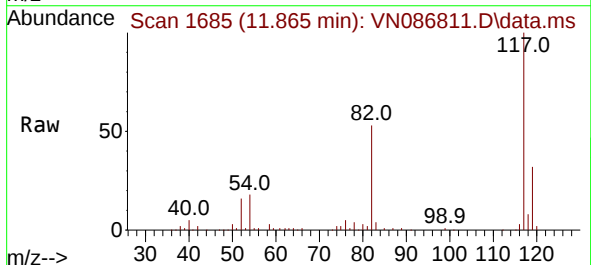
Instrument :
MSVOA_N
ClientSampleId :
IBLK

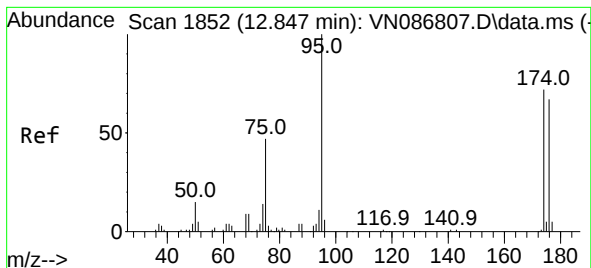
Tgt Ion:114 Resp: 223586
Ion Ratio Lower Upper
114 100
63 19.8 15.8 23.8
88 15.8 12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086811.D
Acq: 29 May 2025 12:56

Tgt Ion:117 Resp: 194901
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 32.2 25.6 38.4

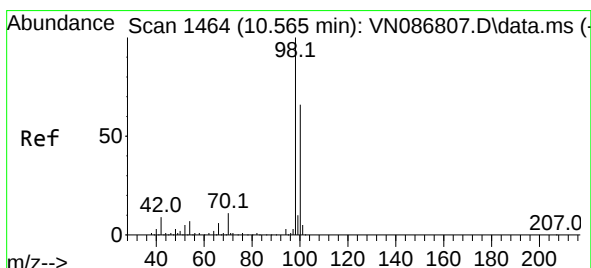
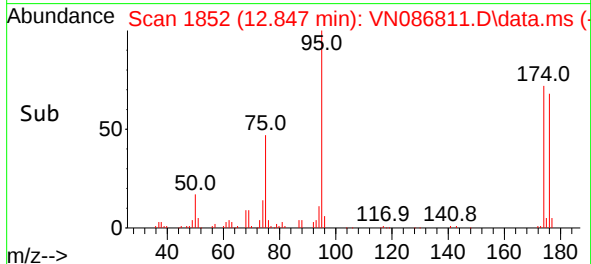
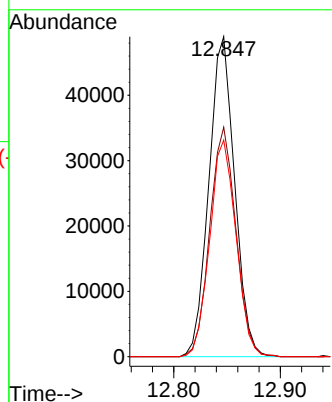
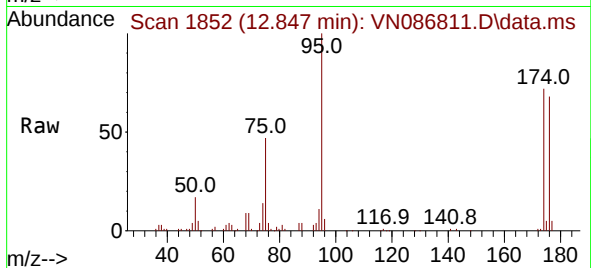




#60
4-Bromofluorobenzene
Concen: 26.910 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086811.D
Acq: 29 May 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 82343
Ion Ratio Lower Upper
95 100
174 72.7 56.2 84.4
176 69.1 53.4 80.0



#63
Toluene-d8
Concen: 29.888 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086811.D
Acq: 29 May 2025 12:56

Tgt Ion: 98 Resp: 267372
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

