

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086251.D
 Acq On : 11 Apr 2025 15:40
 Operator : JC\MD
 Sample : VN0411WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBL01

Quant Time: Apr 12 01:50:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32111	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	197127	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	168421	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	96086	30.679	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.267%
60) 4-Bromofluorobenzene	12.847	95	96020	28.635	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.467%
63) Toluene-d8	10.565	98	293128	30.829	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.767%

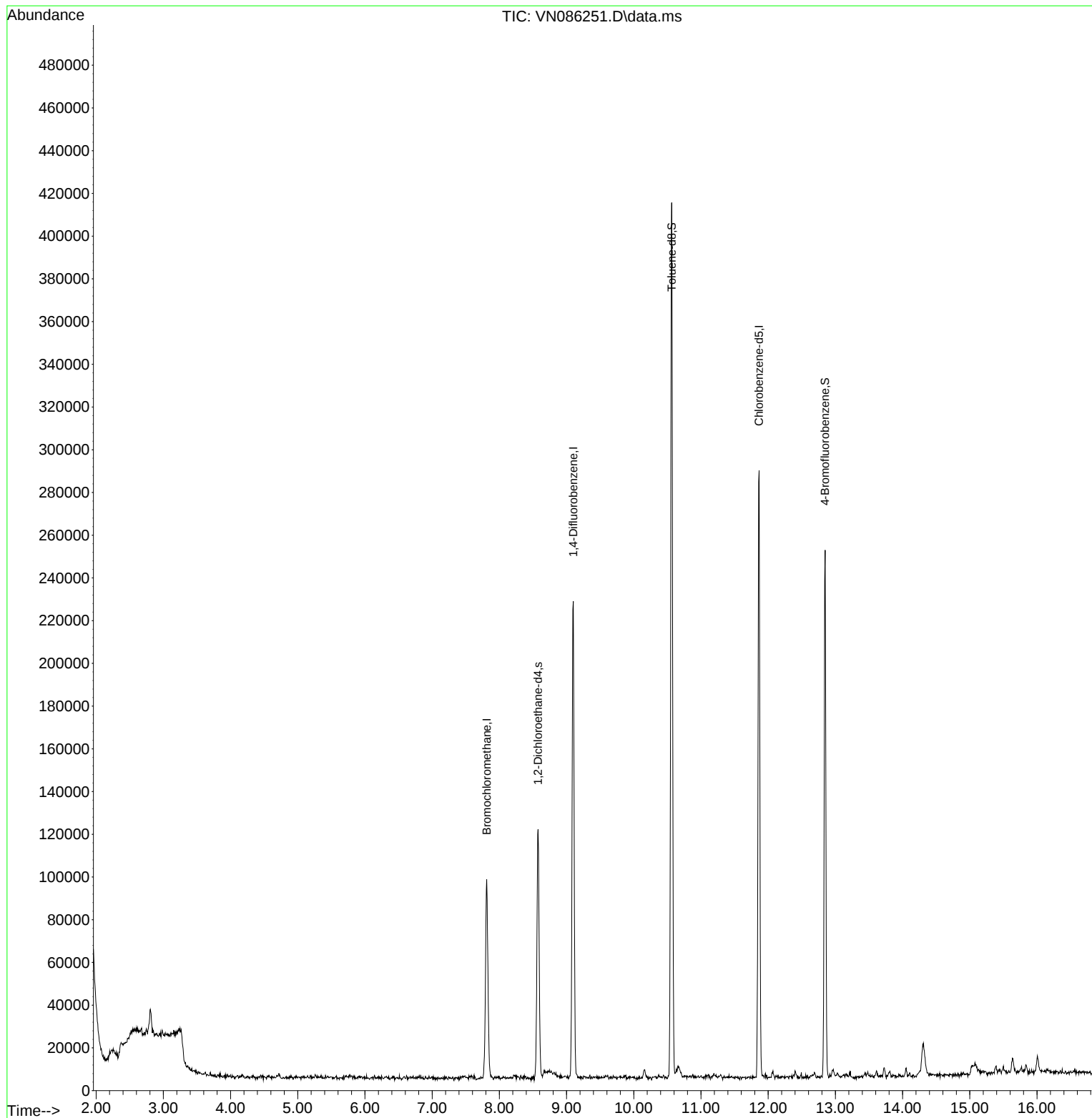
Target Compounds	Qvalue

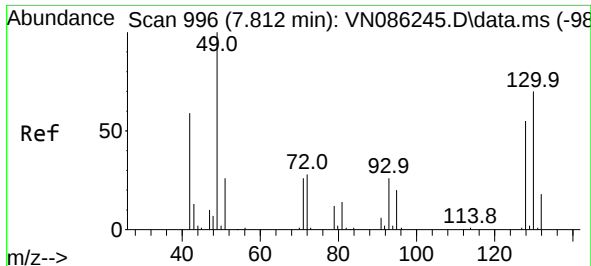
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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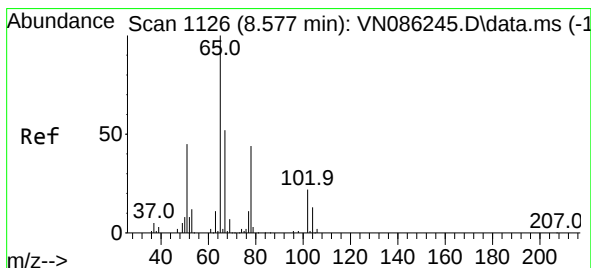
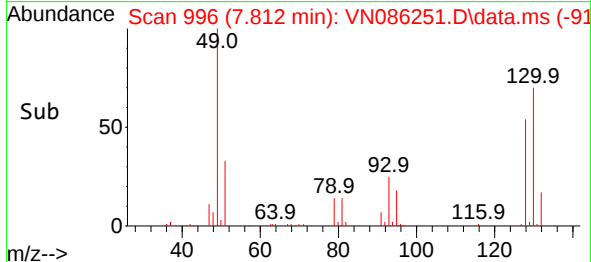
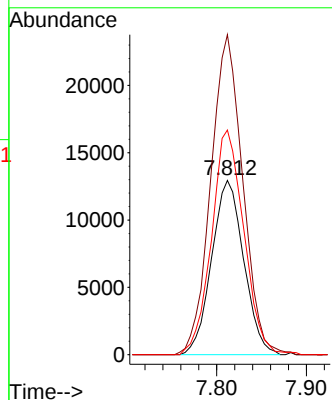
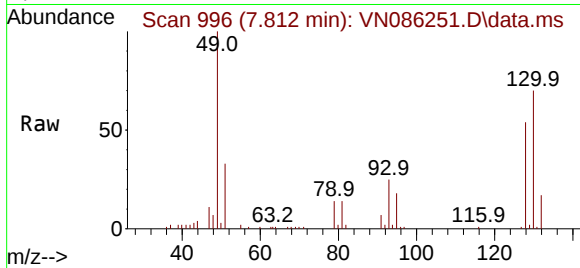




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086251.D
Acq: 11 Apr 2025 15:40

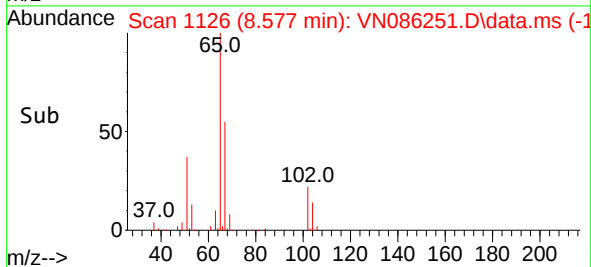
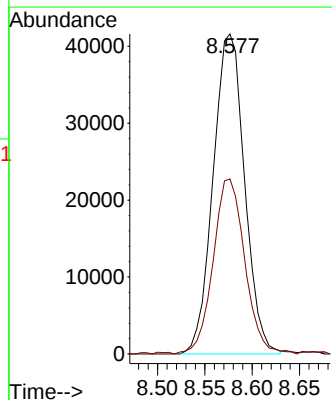
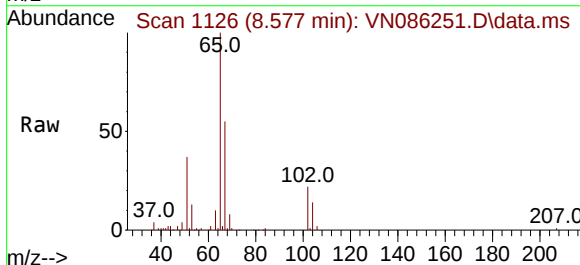
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

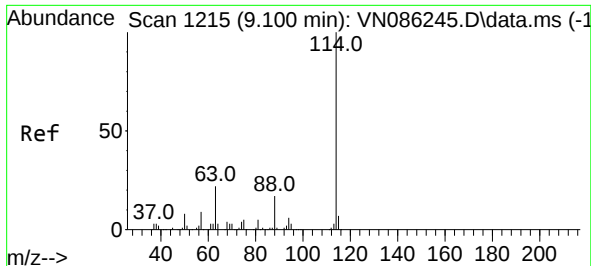
Tgt Ion:128 Resp: 32111
Ion Ratio Lower Upper
128 100
49 183.1 0.0 452.5
130 129.9 0.0 315.0



#27
1,2-Dichloroethane-d4
Concen: 30.679 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086251.D
Acq: 11 Apr 2025 15:40

Tgt Ion: 65 Resp: 96086
Ion Ratio Lower Upper
65 100
67 55.0 43.4 65.2

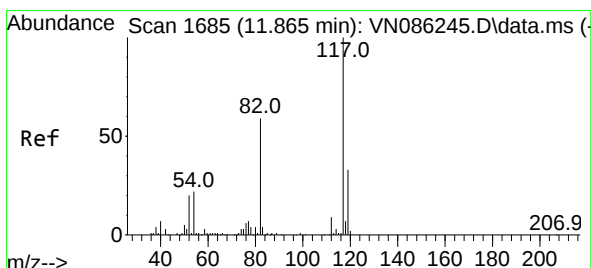
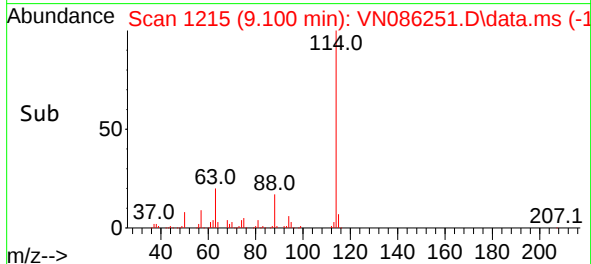
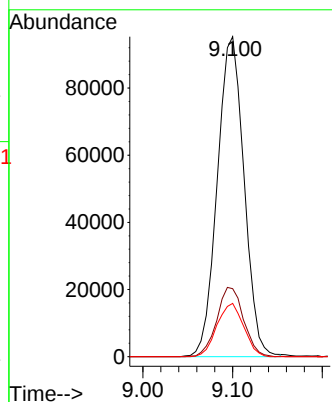
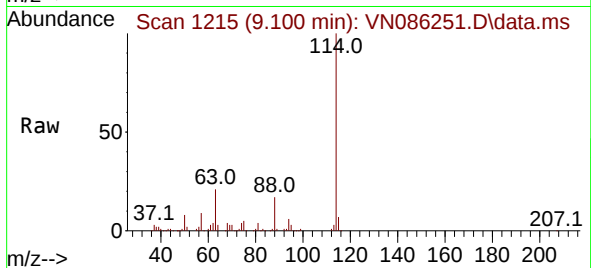




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086251.D
Acq: 11 Apr 2025 15:40

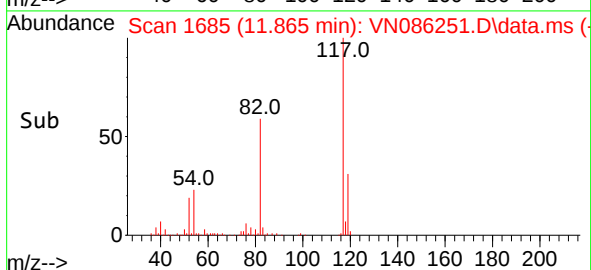
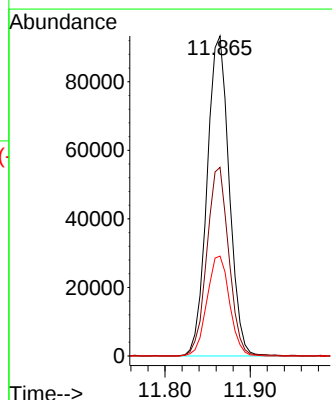
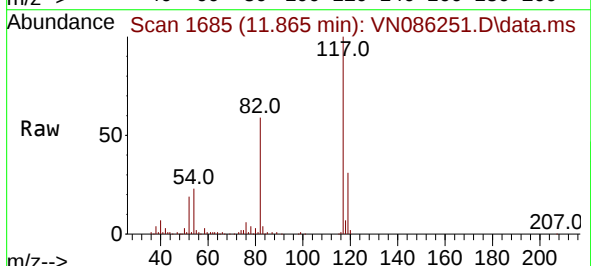
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

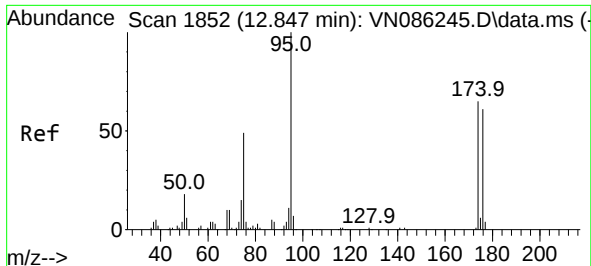
Tgt Ion:114 Resp: 197127
Ion Ratio Lower Upper
114 100
63 21.7 17.8 26.6
88 16.6 13.4 20.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086251.D
Acq: 11 Apr 2025 15:40

Tgt Ion:117 Resp: 168421
Ion Ratio Lower Upper
117 100
82 58.6 47.3 70.9
119 31.9 25.9 38.9

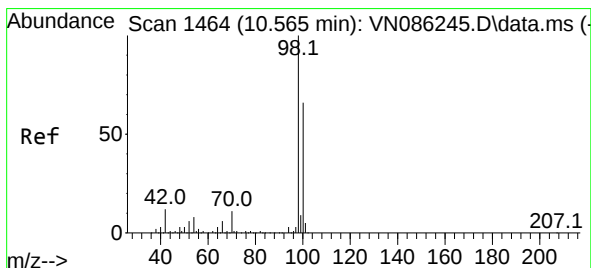
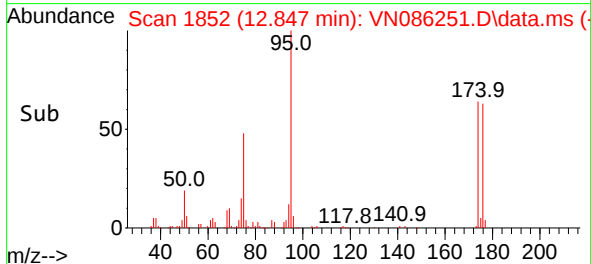
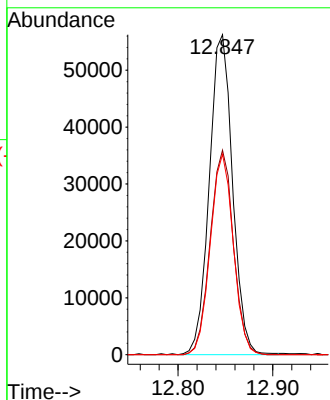
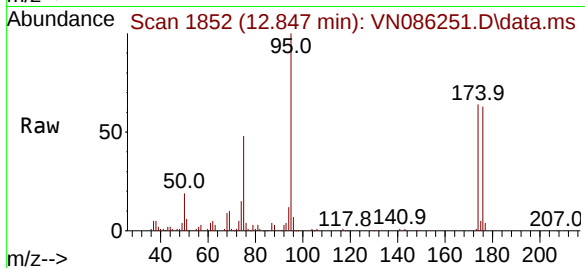




#60
4-Bromofluorobenzene
Concen: 28.635 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086251.D
Acq: 11 Apr 2025 15:40

Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

Tgt Ion: 95 Resp: 96020
Ion Ratio Lower Upper
95 100
174 63.7 52.7 79.1
176 61.7 49.8 74.8



#63
Toluene-d8
Concen: 30.829 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086251.D
Acq: 11 Apr 2025 15:40

Tgt Ion: 98 Resp: 293128
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

