

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086815.D
 Acq On : 29 May 2025 14:55
 Operator : JC\MD
 Sample : VN0529WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0529WBL01

Quant Time: May 30 02:43:10 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	38604	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	217678	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	191557	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	80131	30.211	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.700%
60) 4-Bromofluorobenzene	12.847	95	79039	26.281	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.600%
63) Toluene-d8	10.565	98	262130	29.814	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.367%

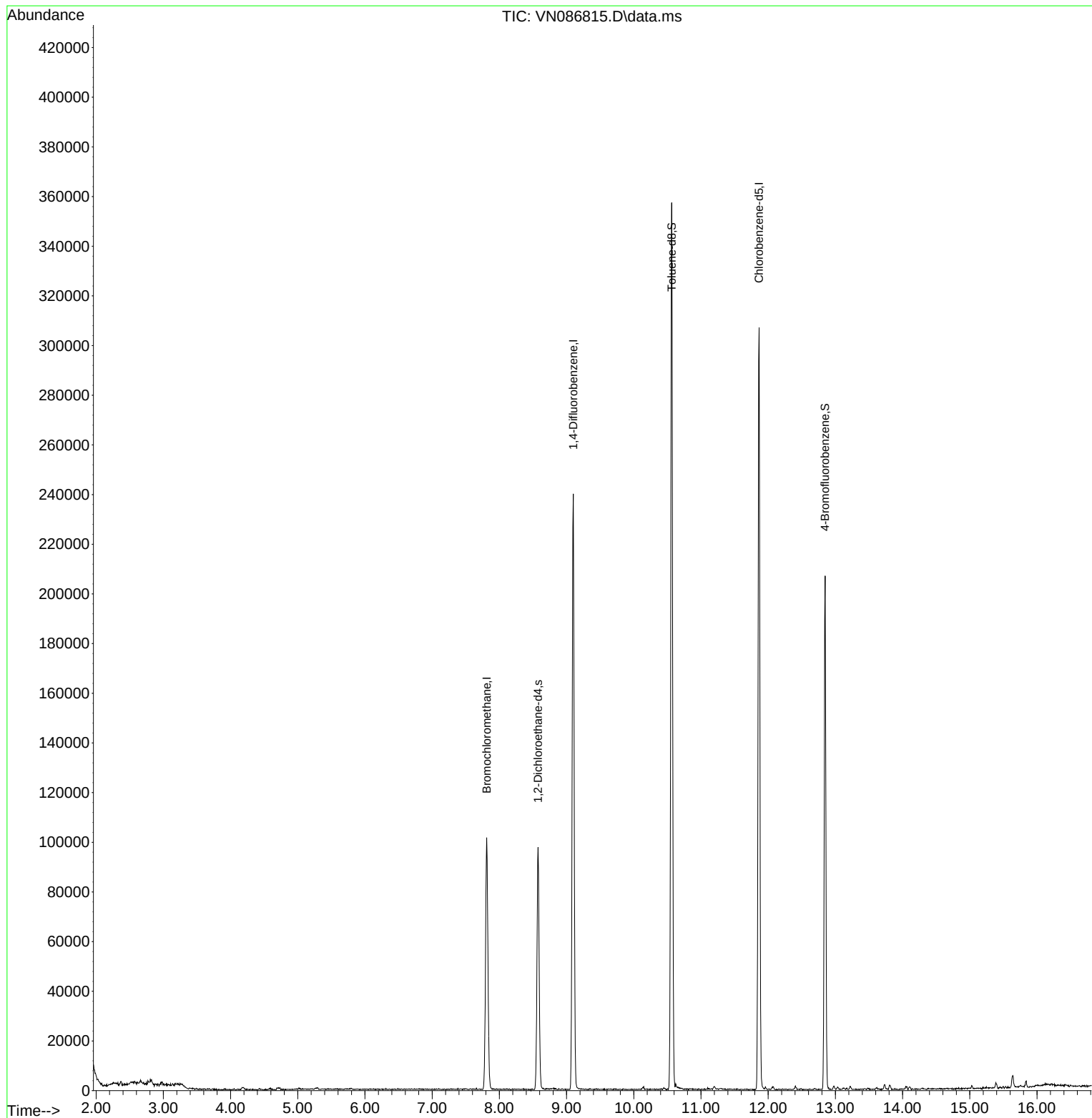
Target Compounds	Qvalue

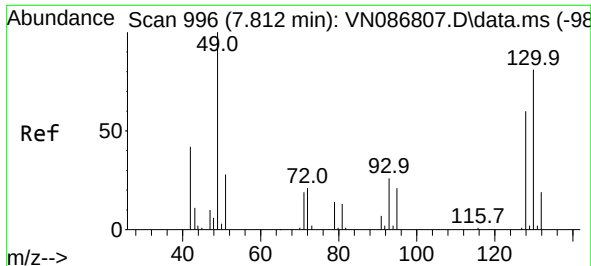
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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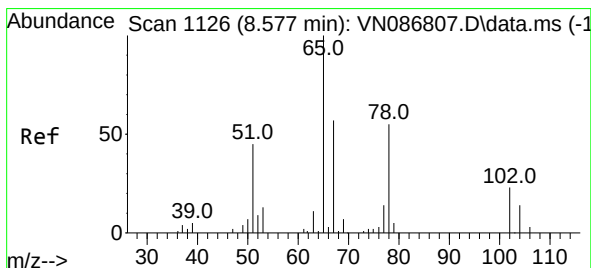
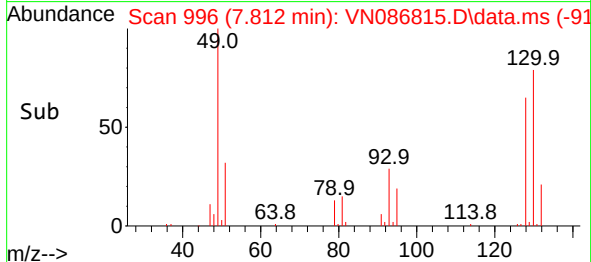
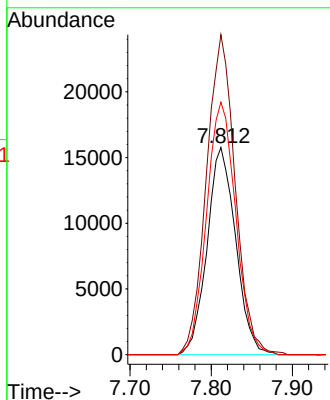
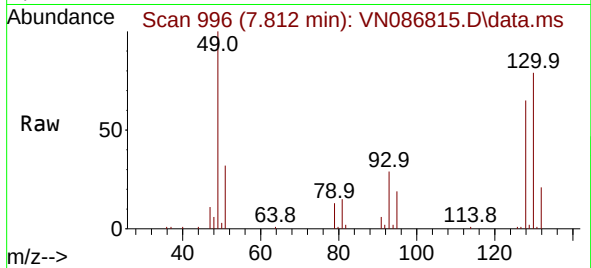




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

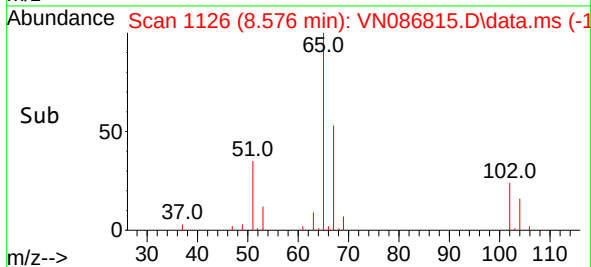
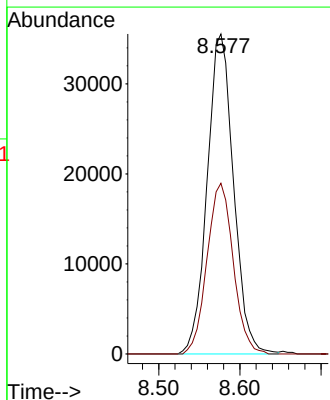
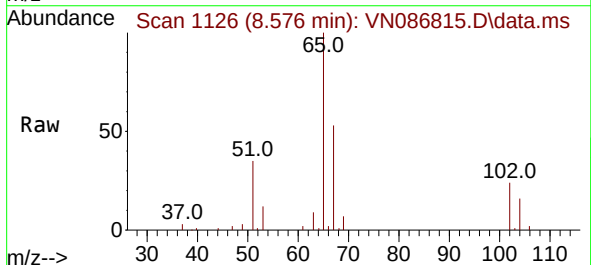
Instrument :
MSVOA_N
ClientSampleId :
VN0529WBL01

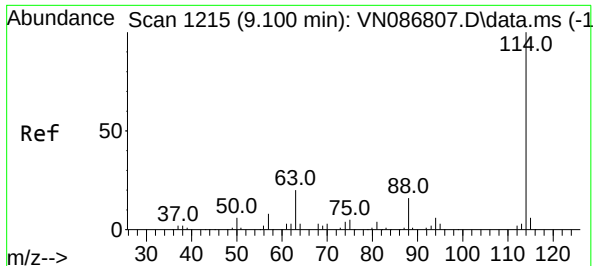
Tgt Ion:128 Resp: 38604
Ion Ratio Lower Upper
128 100
49 155.4 0.0 404.5
130 125.1 0.0 322.2



#27
1,2-Dichloroethane-d4
Concen: 30.211 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

Tgt Ion: 65 Resp: 80131
Ion Ratio Lower Upper
65 100
67 53.1 44.6 67.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086815.D

Acq: 29 May 2025 14:55

Instrument :

MSVOA_N

ClientSampleId :

VN0529WBL01

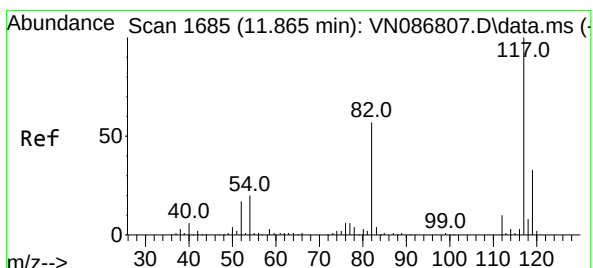
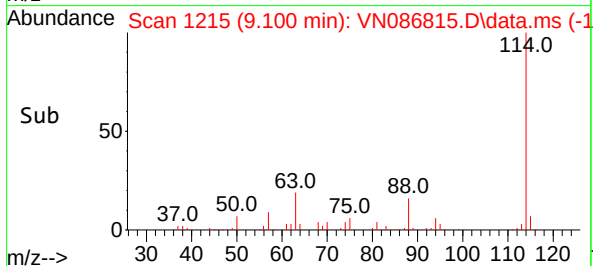
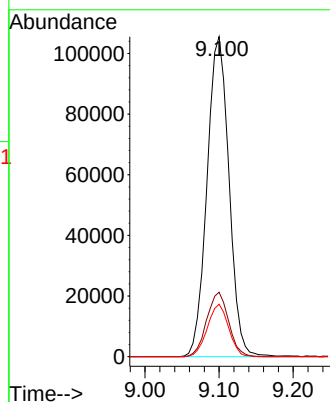
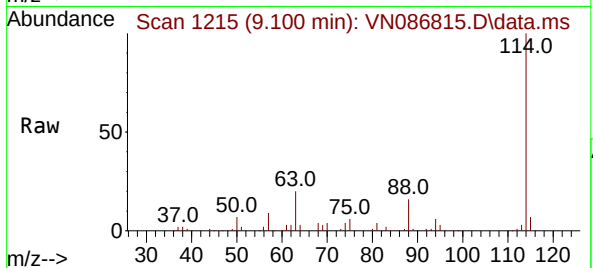
Tgt Ion:114 Resp: 217678

Ion Ratio Lower Upper

114 100

63 20.1 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: VN086815.D

Acq: 29 May 2025 14:55

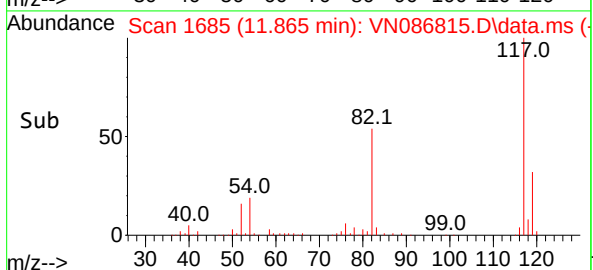
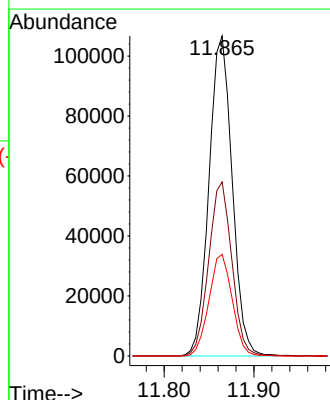
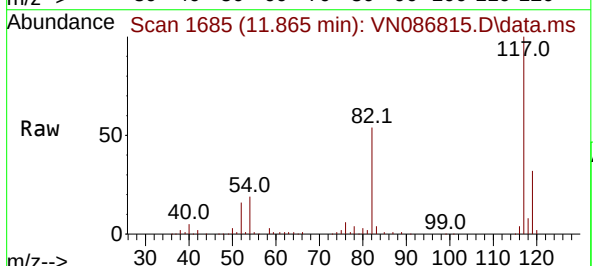
Tgt Ion:117 Resp: 191557

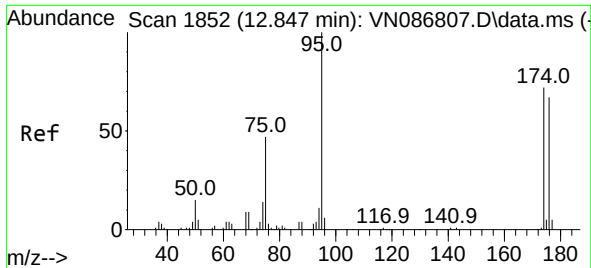
Ion Ratio Lower Upper

117 100

82 54.2 44.7 67.1

119 31.9 25.6 38.4

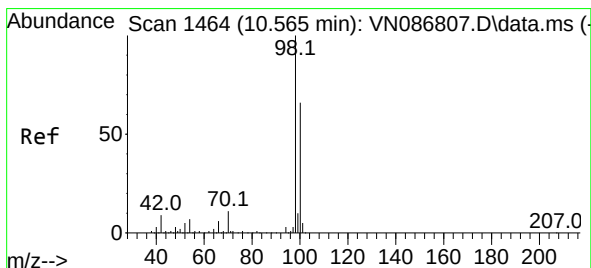
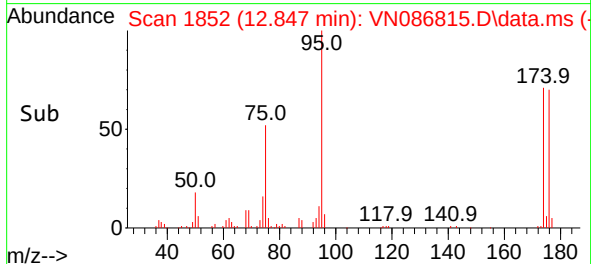
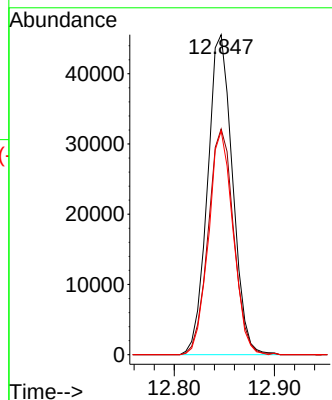
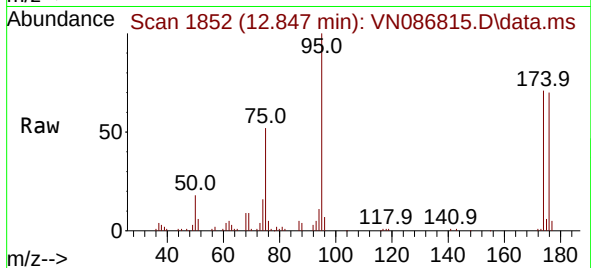




#60
4-Bromofluorobenzene
Concen: 26.281 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

Instrument :
MSVOA_N
ClientSampleId :
VN0529WBL01

Tgt Ion: 95 Resp: 79039
Ion Ratio Lower Upper
95 100
174 71.9 56.2 84.4
176 68.5 53.4 80.0



#63
Toluene-d8
Concen: 29.814 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086815.D
Acq: 29 May 2025 14:55

Tgt Ion: 98 Resp: 262130
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

