

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086384.D
 Acq On : 23 Apr 2025 16:00
 Operator : JC\MD
 Sample : VN0423WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423WBL01

Quant Time: Apr 24 05:01:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	27527	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	164046	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143908	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80895	30.481	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.600%
60) 4-Bromofluorobenzene	12.847	95	78601	27.790	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.633%
63) Toluene-d8	10.565	98	242215	30.594	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.967%

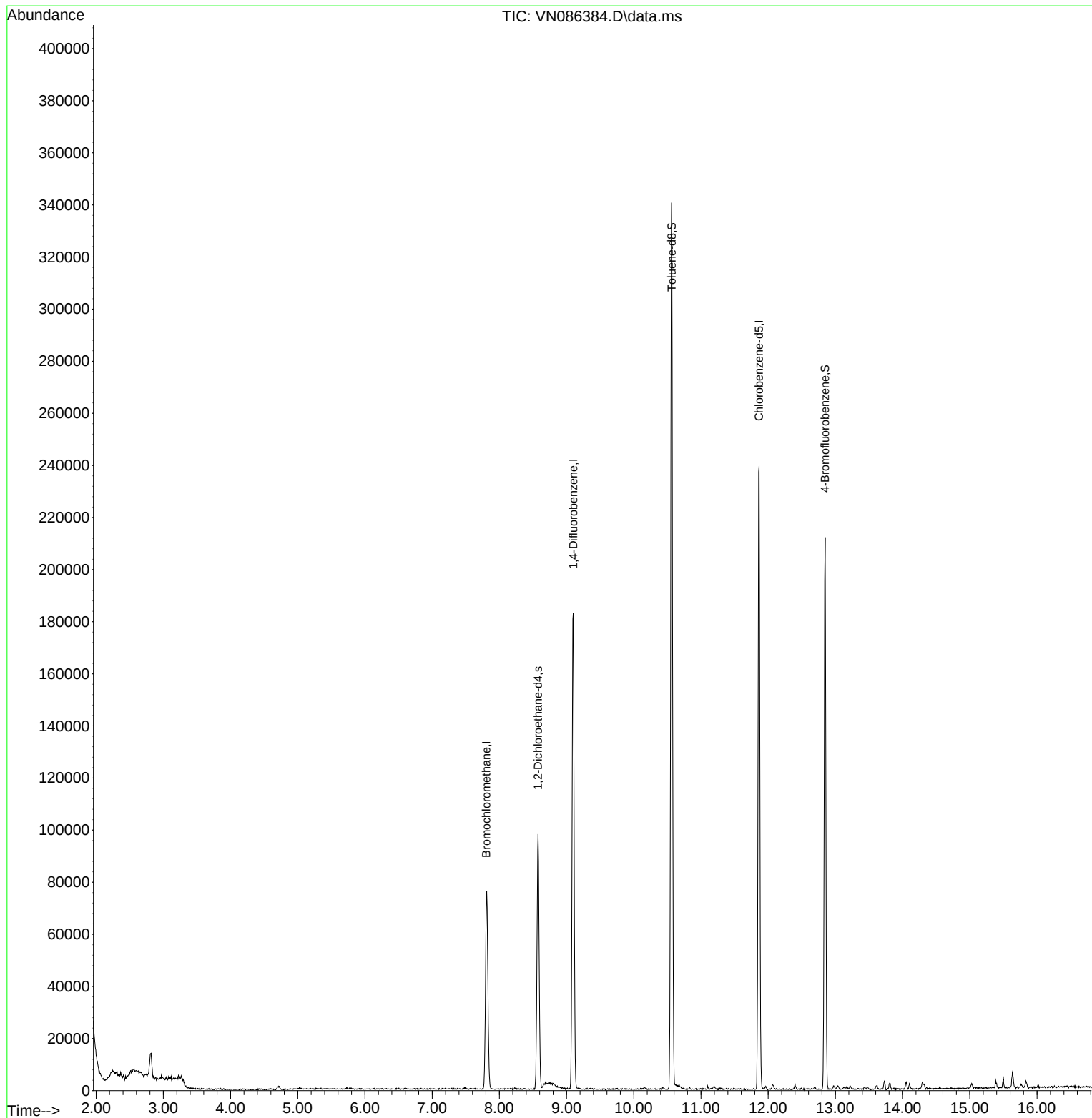
Target Compounds	Qvalue

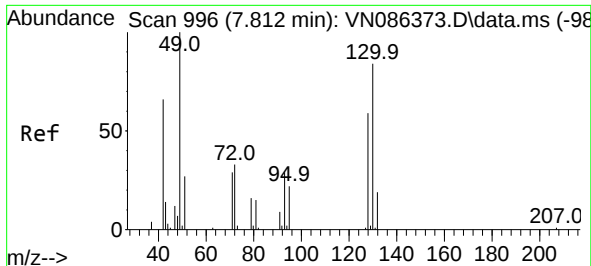
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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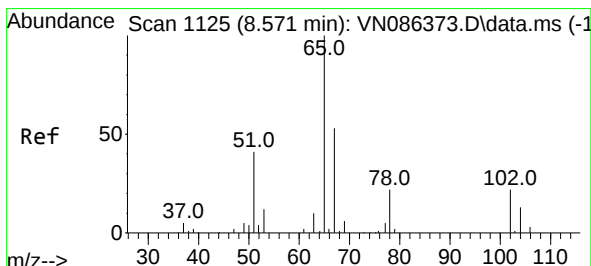
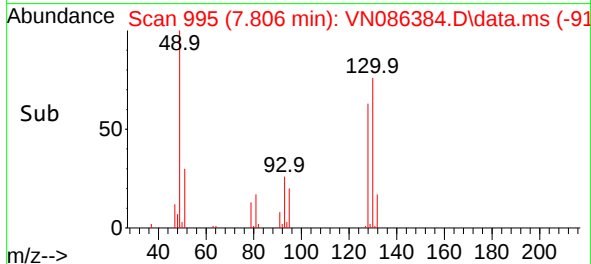
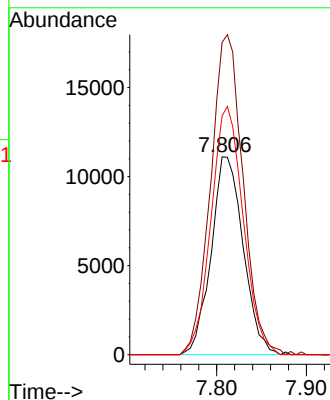
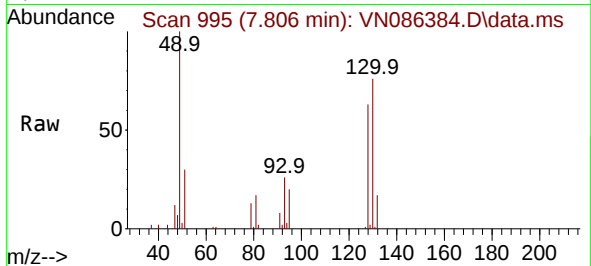




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086384.D
Acq: 23 Apr 2025 16:00

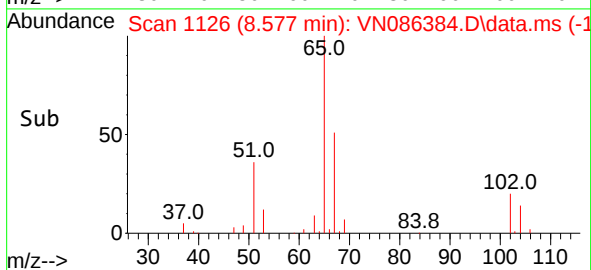
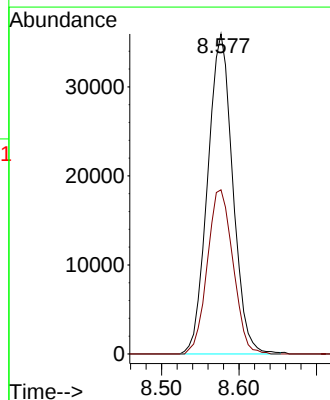
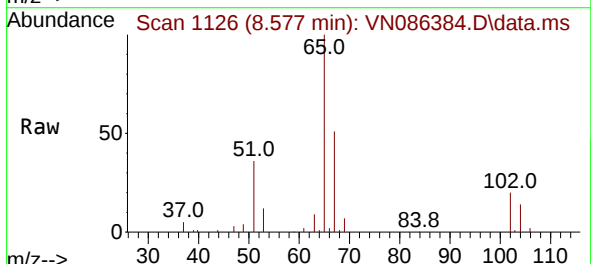
Instrument :
MSVOA_N
ClientSampleId :
VN0423WBL01

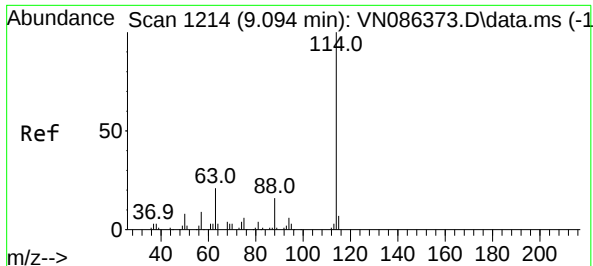
Tgt Ion:128 Resp: 27527
Ion Ratio Lower Upper
128 100
49 163.6 0.0 433.8
130 126.3 0.0 325.0



#27
1,2-Dichloroethane-d4
Concen: 30.481 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086384.D
Acq: 23 Apr 2025 16:00

Tgt Ion: 65 Resp: 80895
Ion Ratio Lower Upper
65 100
67 52.5 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086384.D

Acq: 23 Apr 2025 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN0423WBL01

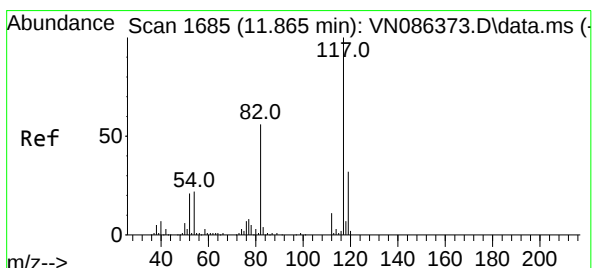
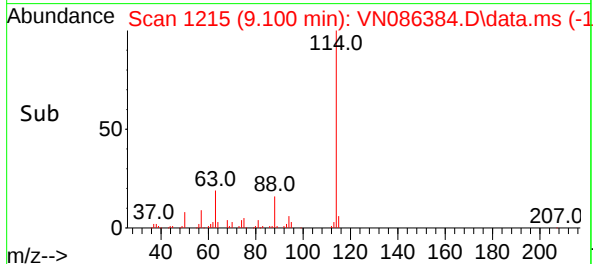
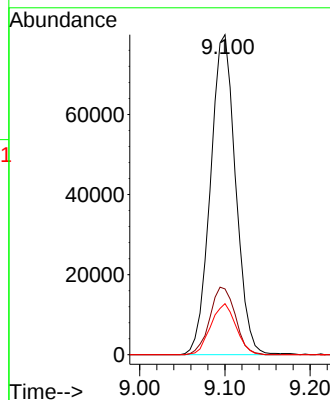
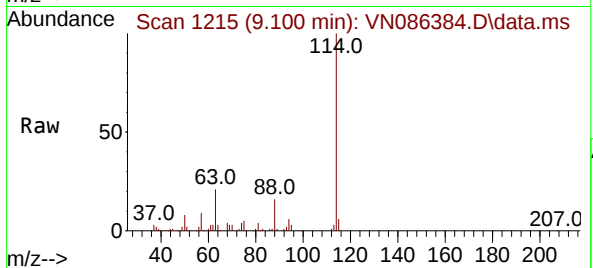
Tgt Ion:114 Resp: 164046

Ion Ratio Lower Upper

114 100

63 21.3 16.7 25.1

88 16.0 12.6 19.0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN086384.D

Acq: 23 Apr 2025 16:00

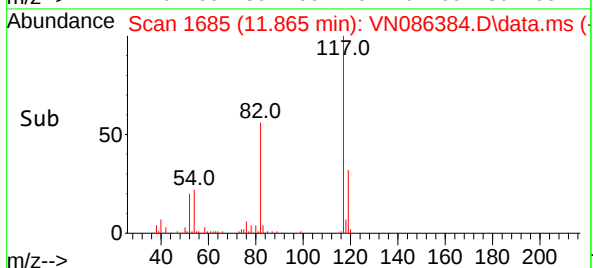
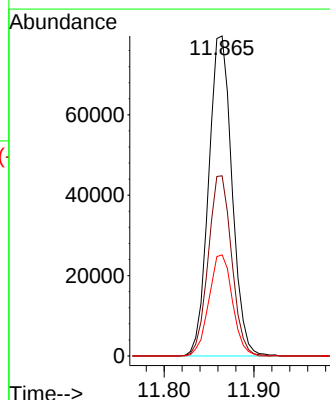
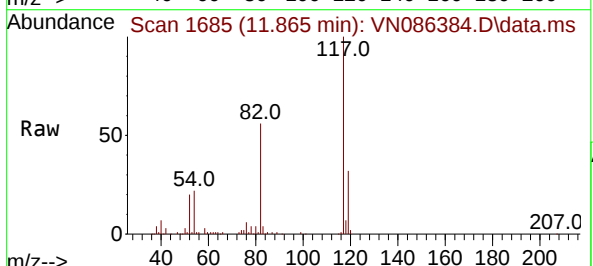
Tgt Ion:117 Resp: 143908

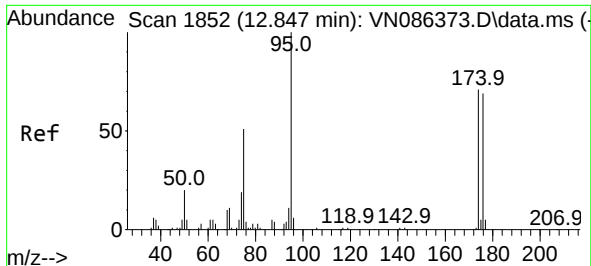
Ion Ratio Lower Upper

117 100

82 56.4 45.5 68.3

119 31.9 25.9 38.9

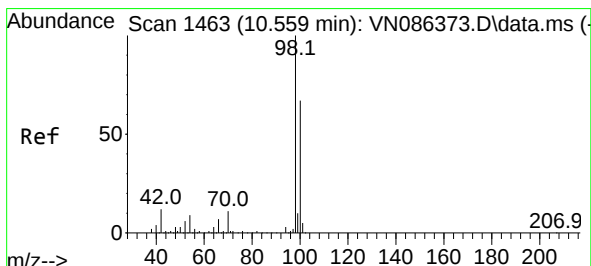
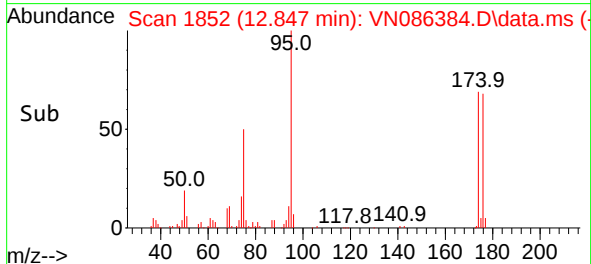
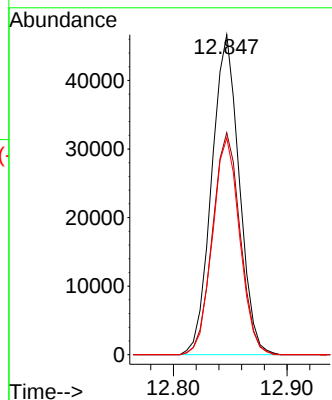
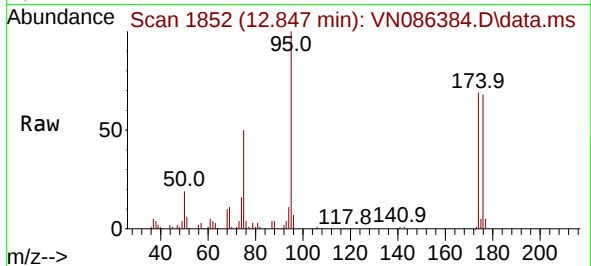




#60
4-Bromofluorobenzene
Concen: 27.790 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086384.D
Acq: 23 Apr 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
VN0423WBL01

Tgt Ion: 95 Resp: 78601
Ion Ratio Lower Upper
95 100
174 69.7 56.6 84.8
176 67.0 53.3 79.9



#63
Toluene-d8
Concen: 30.594 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086384.D
Acq: 23 Apr 2025 16:00

Tgt Ion: 98 Resp: 242215
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

