

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086387.D
 Acq On : 23 Apr 2025 17:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 24 05:02:19 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	7.818	128	29398	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	178040	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	155882	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	86700	30.589	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.967%
60) 4-Bromofluorobenzene	12.847	95	83216	27.162	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.533%
63) Toluene-d8	10.565	98	259313	30.238	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.800%

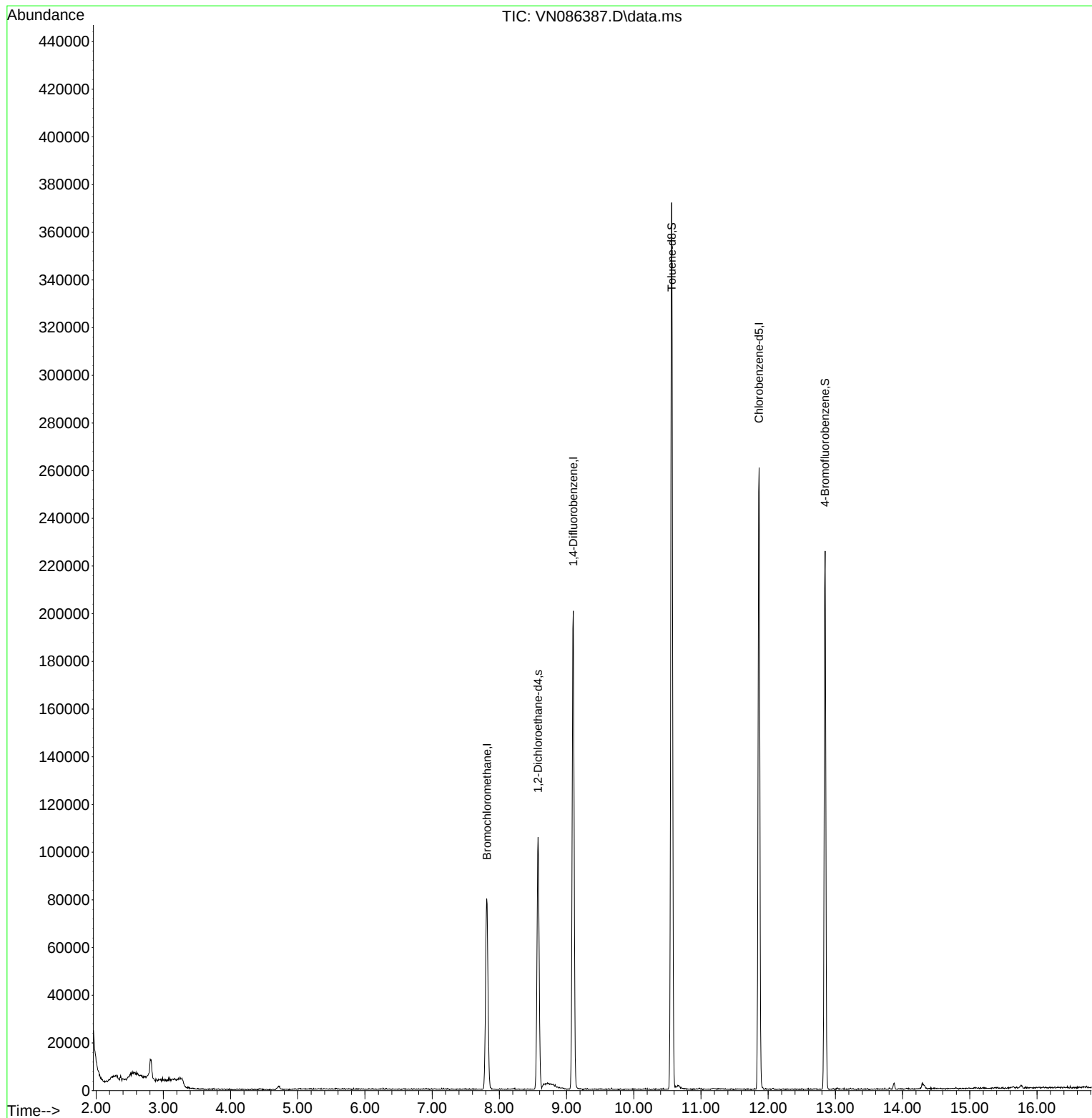
Target Compounds	Qvalue

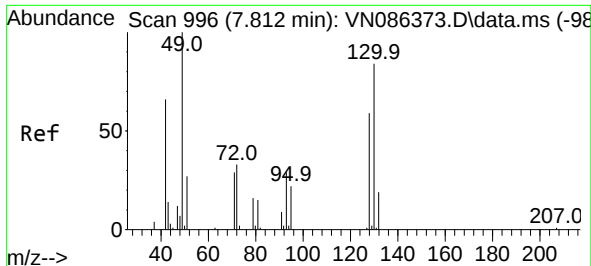
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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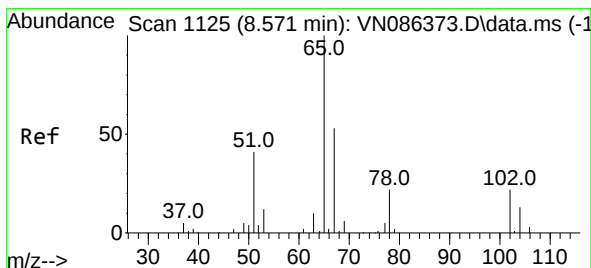
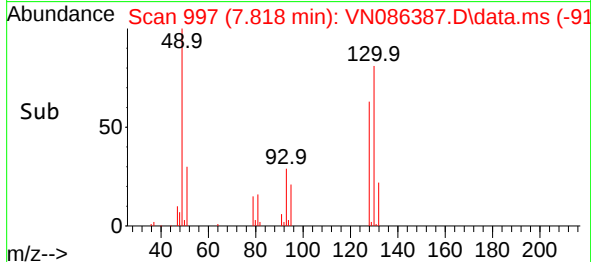
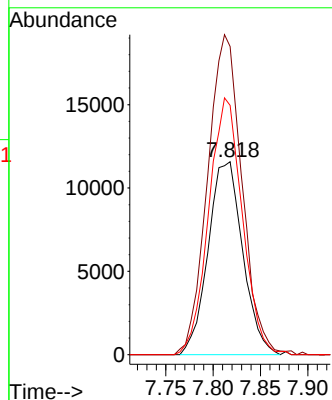
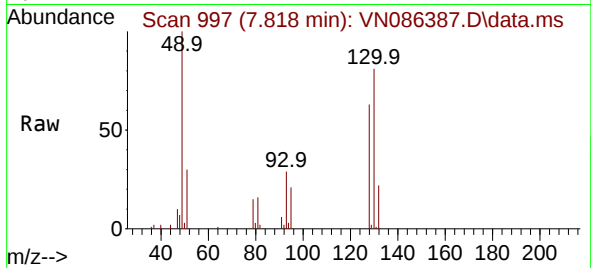




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086387.D
Acq: 23 Apr 2025 17:12

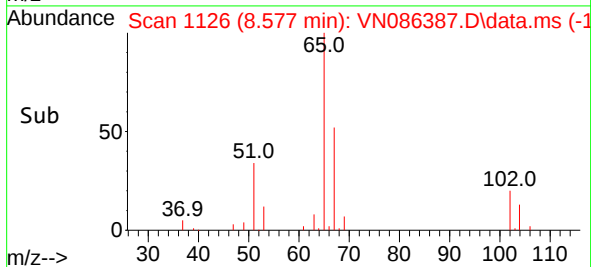
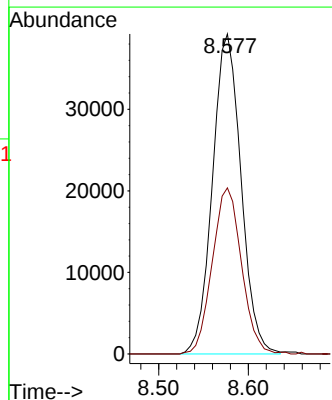
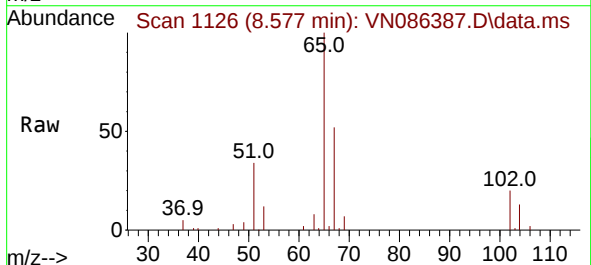
Instrument :
MSVOA_N
ClientSampleId :
IBLK

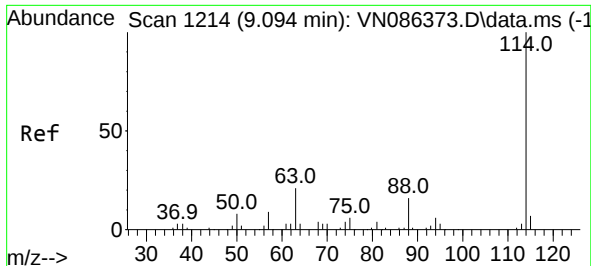
Tgt Ion:128 Resp: 29398
Ion Ratio Lower Upper
128 100
49 164.6 0.0 433.8
130 129.4 0.0 325.0



#27
1,2-Dichloroethane-d4
Concen: 30.589 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN086387.D
Acq: 23 Apr 2025 17:12

Tgt Ion: 65 Resp: 86700
Ion Ratio Lower Upper
65 100
67 53.0 42.5 63.7

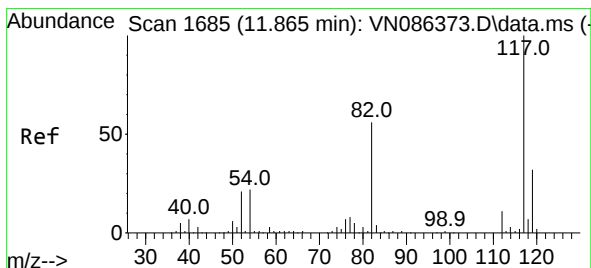
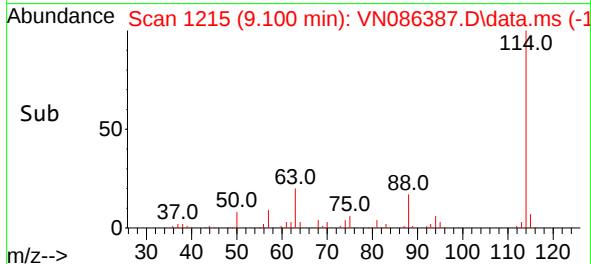
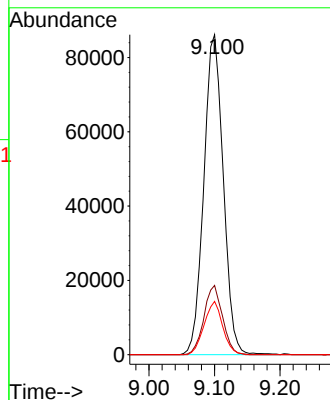
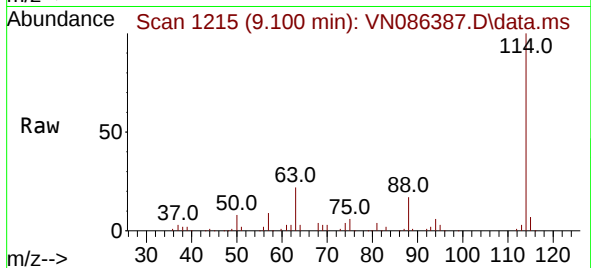




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN086387.D
Acq: 23 Apr 2025 17:12

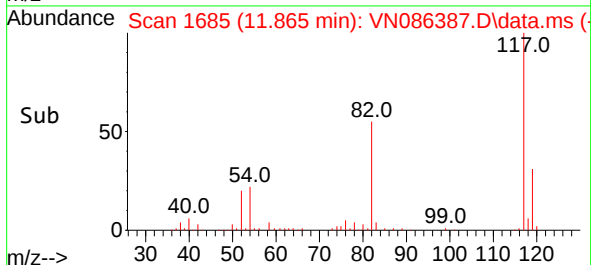
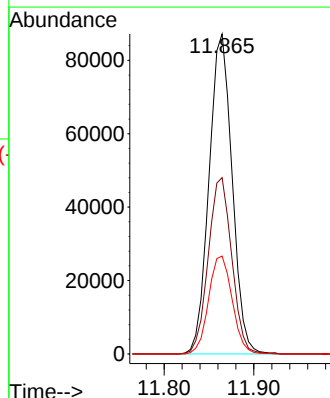
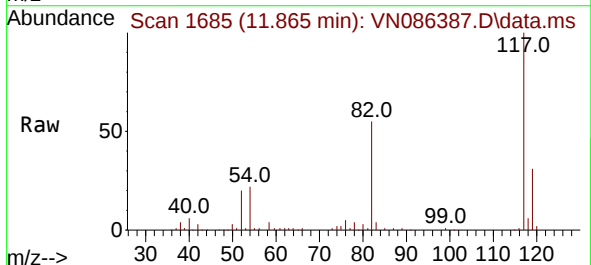
Instrument :
MSVOA_N
ClientSampleId :
IBLK

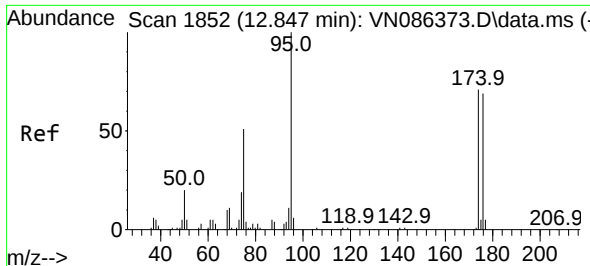
Tgt Ion:114 Resp: 178040
Ion Ratio Lower Upper
114 100
63 20.7 16.7 25.1
88 15.9 12.6 19.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086387.D
Acq: 23 Apr 2025 17:12

Tgt Ion:117 Resp: 155882
Ion Ratio Lower Upper
117 100
82 56.1 45.5 68.3
119 31.2 25.9 38.9

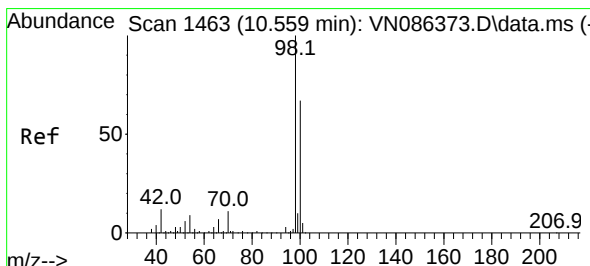
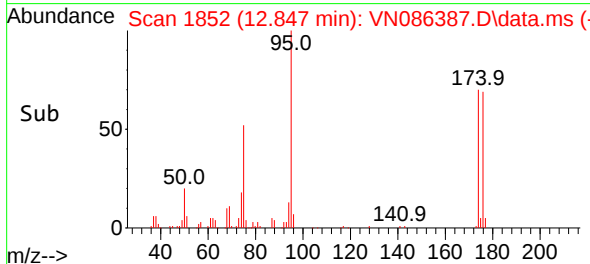
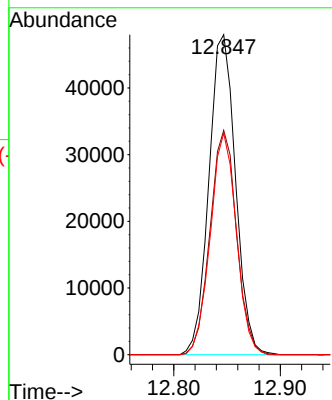
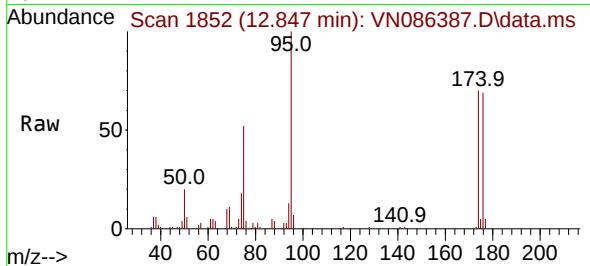




#60
4-Bromofluorobenzene
Concen: 27.162 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086387.D
Acq: 23 Apr 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 83216
Ion Ratio Lower Upper
95 100
174 69.7 56.6 84.8
176 67.6 53.3 79.9



#63
Toluene-d8
Concen: 30.238 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086387.D
Acq: 23 Apr 2025 17:12

Tgt Ion: 98 Resp: 259313
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

