

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
 Data File : VN086531.D
 Acq On : 07 May 2025 12:45
 Operator : JC\MD
 Sample : VN0507WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBL01

Quant Time: May 08 03:25:27 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	7.812	128	36489	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	216920	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	188358	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	99317	28.231	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.100%
60) 4-Bromofluorobenzene	12.847	95	97805	26.419	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.067%
63) Toluene-d8	10.565	98	306756	29.603	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.667%

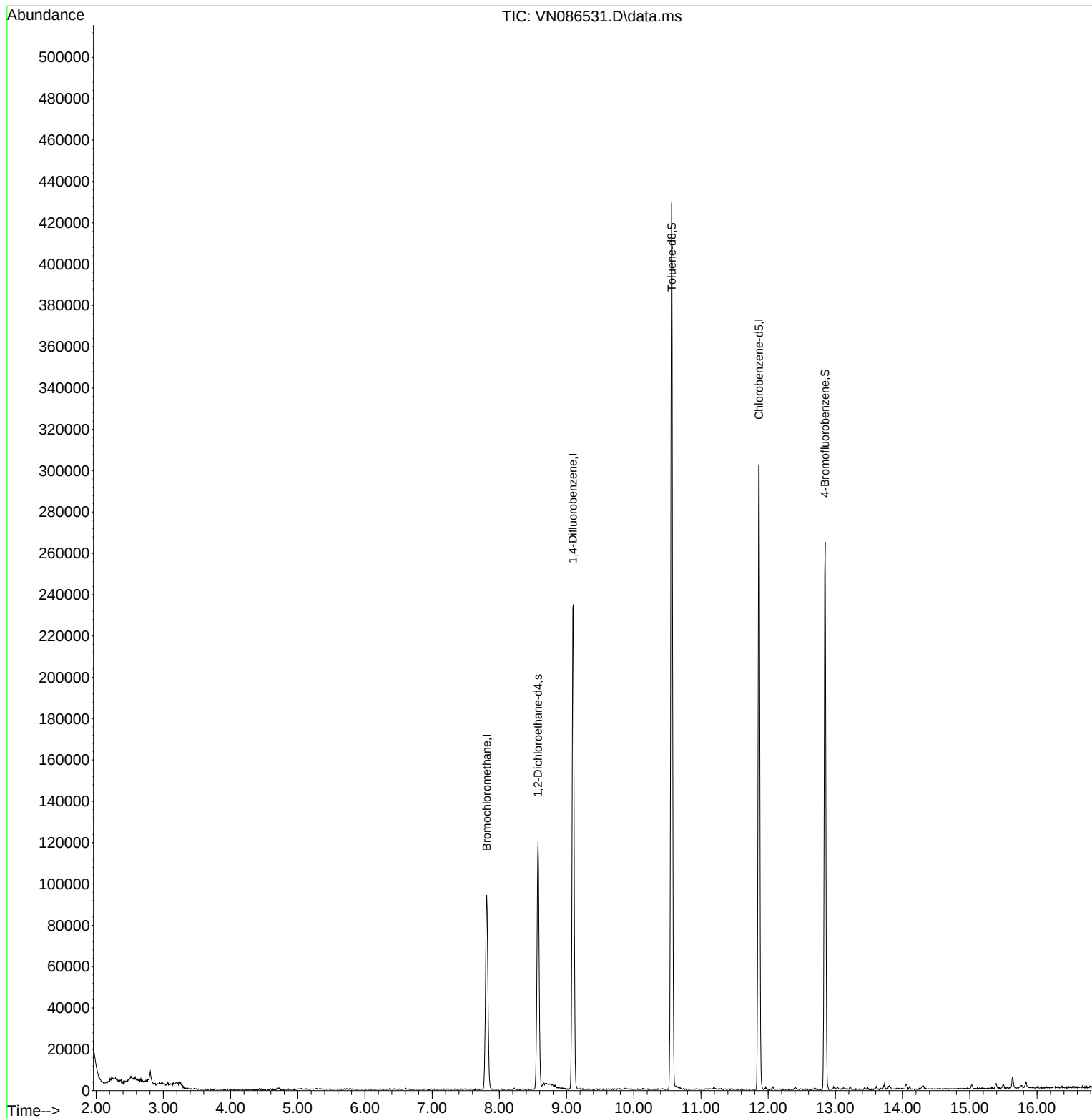
Target Compounds	Qvalue

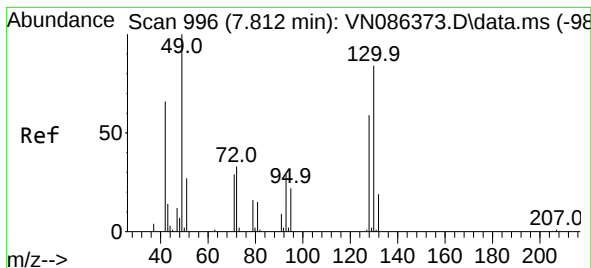
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN086531.D

Acq: 07 May 2025 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN0507WBL01

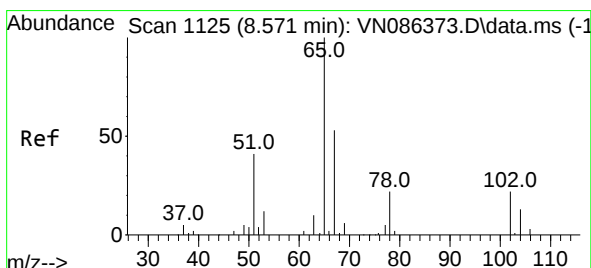
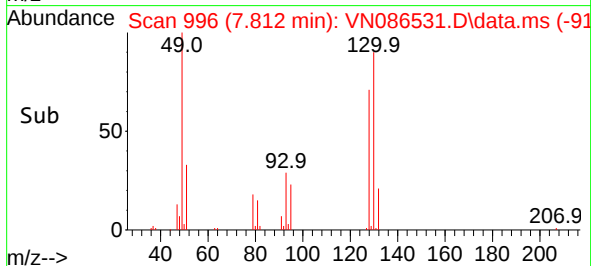
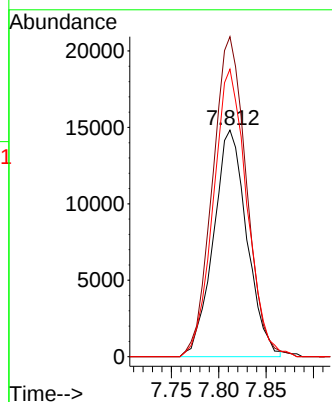
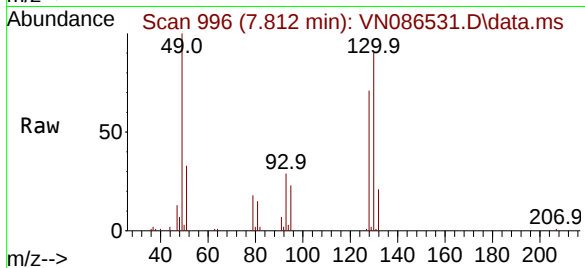
Tgt Ion:128 Resp: 36489

Ion Ratio Lower Upper

128 100

49 142.7 0.0 433.8

130 127.2 0.0 325.0



#27

1,2-Dichloroethane-d4

Concen: 28.231 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN086531.D

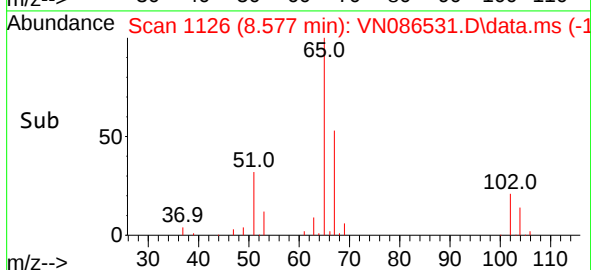
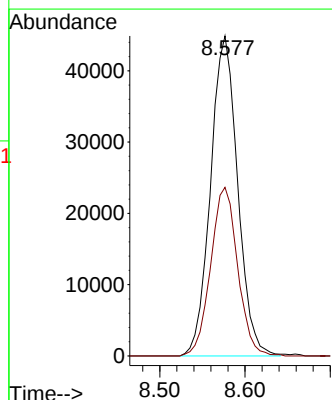
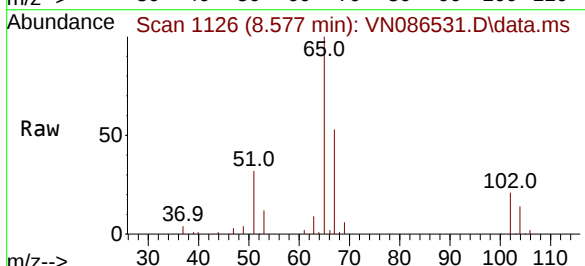
Acq: 07 May 2025 12:45

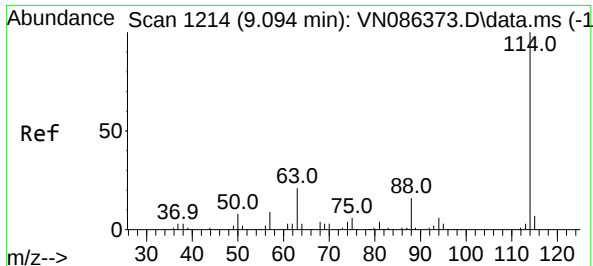
Tgt Ion: 65 Resp: 99317

Ion Ratio Lower Upper

65 100

67 52.4 42.5 63.7

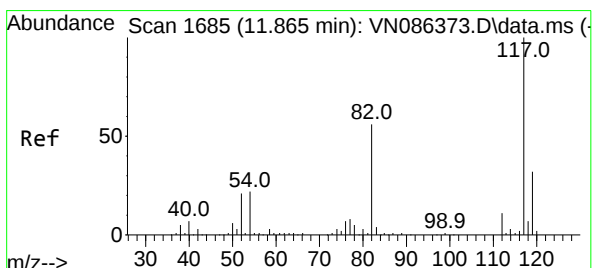
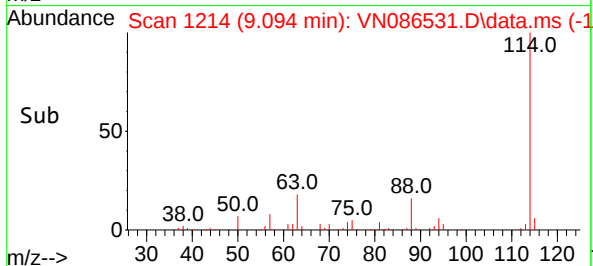
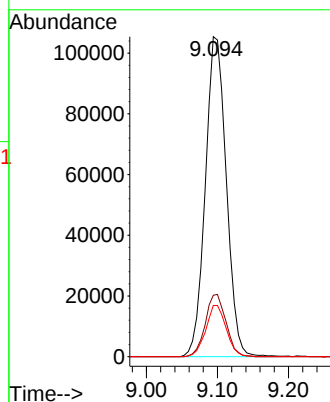
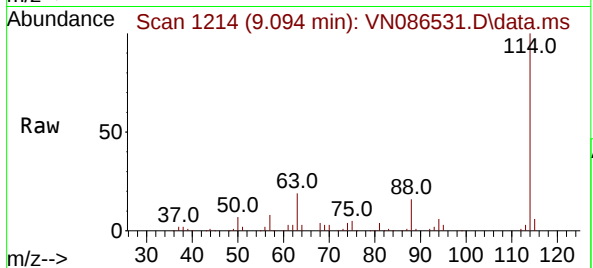




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086531.D
Acq: 07 May 2025 12:45

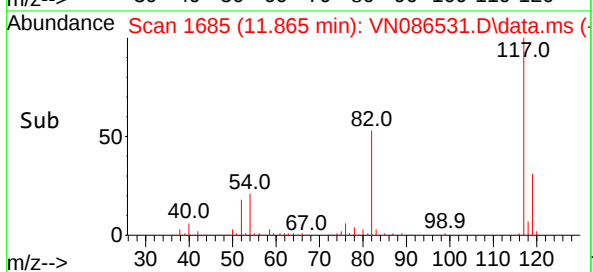
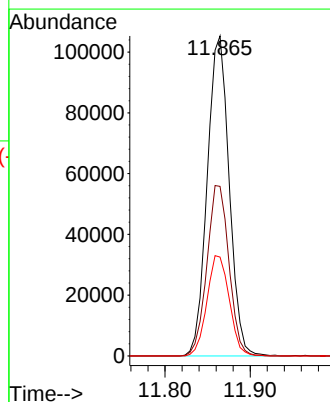
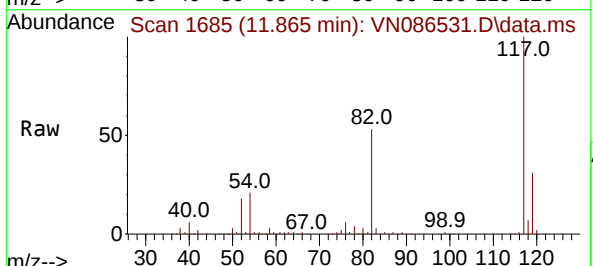
Instrument :
MSVOA_N
ClientSampleId :
VN0507WBL01

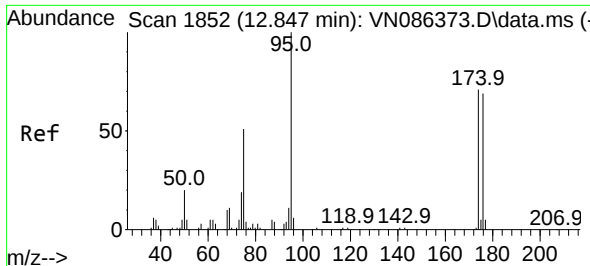
Tgt Ion:114 Resp: 216920
Ion Ratio Lower Upper
114 100
63 19.1 16.7 25.1
88 15.6 12.6 19.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086531.D
Acq: 07 May 2025 12:45

Tgt Ion:117 Resp: 188358
Ion Ratio Lower Upper
117 100
82 53.6 45.5 68.3
119 31.9 25.9 38.9

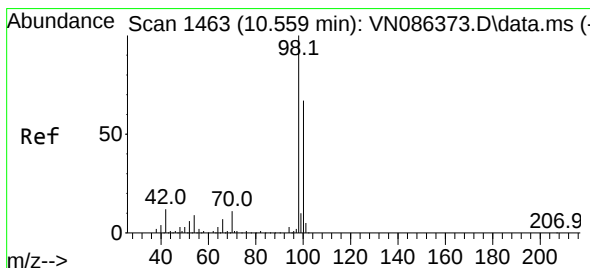
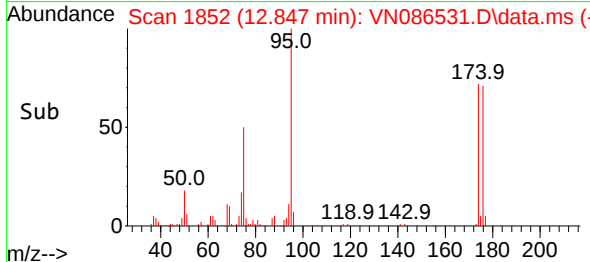
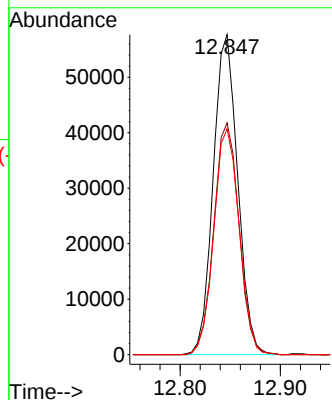
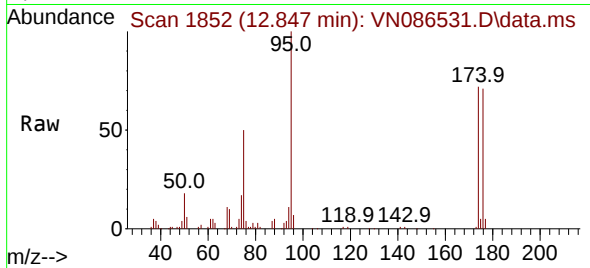




#60
4-Bromofluorobenzene
Concen: 26.419 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086531.D
Acq: 07 May 2025 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN0507WBL01

Tgt Ion: 95 Resp: 97805
Ion Ratio Lower Upper
95 100
174 74.5 56.6 84.8
176 73.1 53.3 79.9



#63
Toluene-d8
Concen: 29.603 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086531.D
Acq: 07 May 2025 12:45

Tgt Ion: 98 Resp: 306756
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

