

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080825\
 Data File : VN087497.D
 Acq On : 08 Aug 2025 12:25
 Operator : JC\MD
 Sample : VN0808WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Quant Time: Aug 11 01:19:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	56553	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	310808	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	276148	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	161635	30.987	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.300%
60) 4-Bromofluorobenzene	12.829	95	137672	28.969	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.567%
63) Toluene-d8	10.547	98	383856	30.210	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.700%

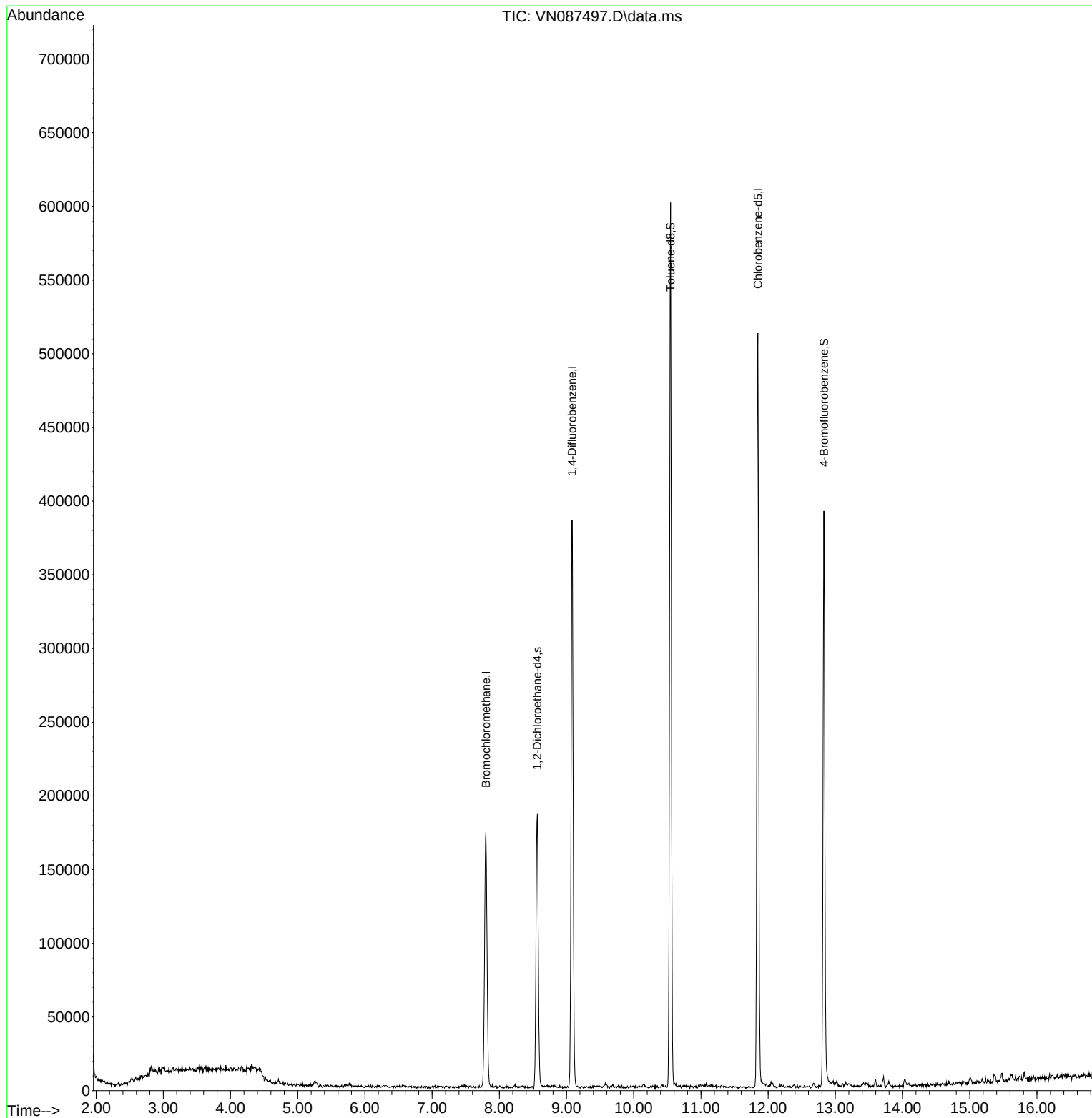
Target Compounds	Qvalue

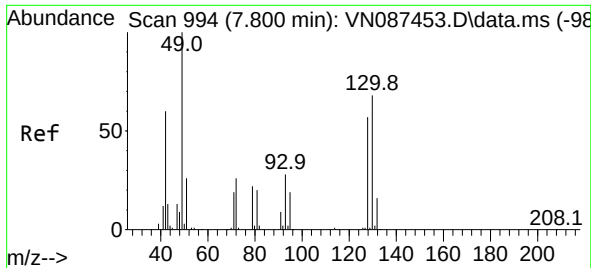
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080825\
Data File : VN087497.D
Acq On : 08 Aug 2025 12:25
Operator : JC\MD
Sample : VN0808WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Quant Time: Aug 11 01:19:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

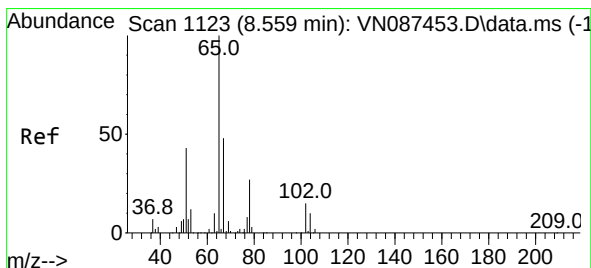
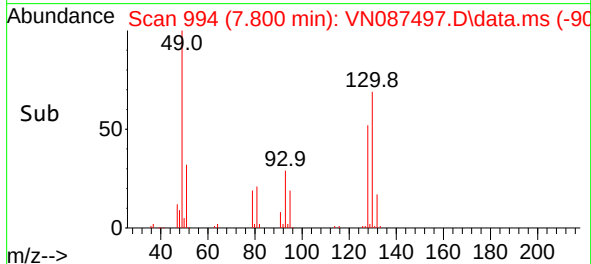
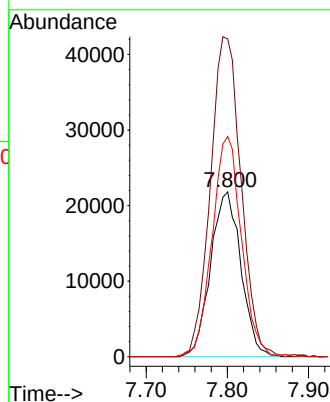
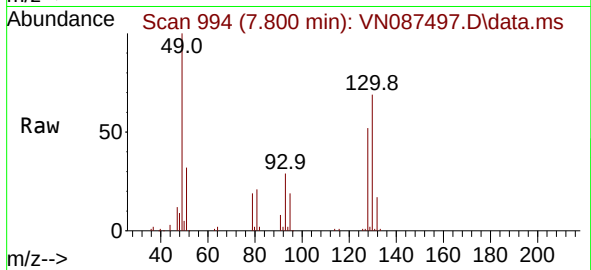




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087497.D
Acq: 08 Aug 2025 12:25

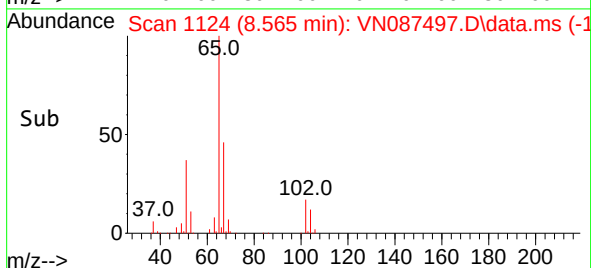
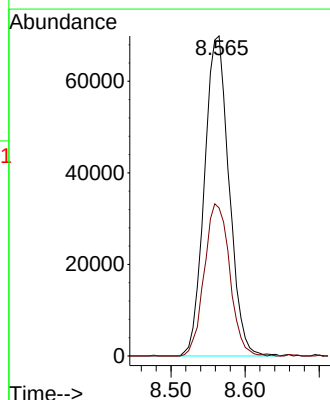
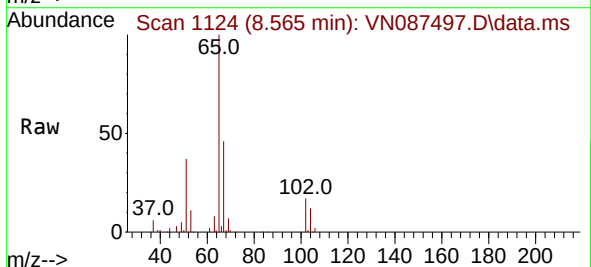
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

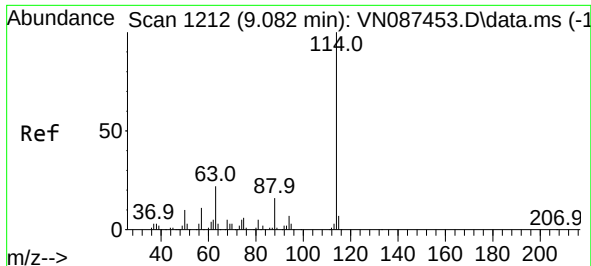
Tgt Ion:128 Resp: 56553
Ion Ratio Lower Upper
128 100
49 196.2 0.0 494.8
130 129.0 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 30.987 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087497.D
Acq: 08 Aug 2025 12:25

Tgt Ion: 65 Resp: 161635
Ion Ratio Lower Upper
65 100
67 49.0 40.8 61.2

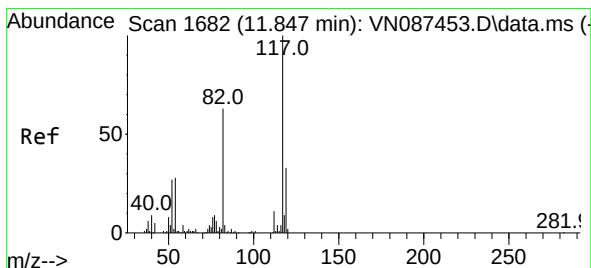
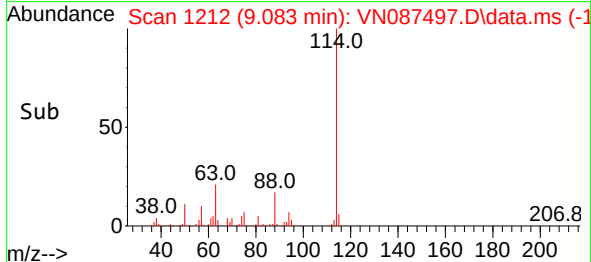
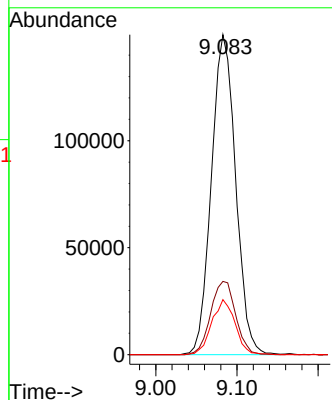
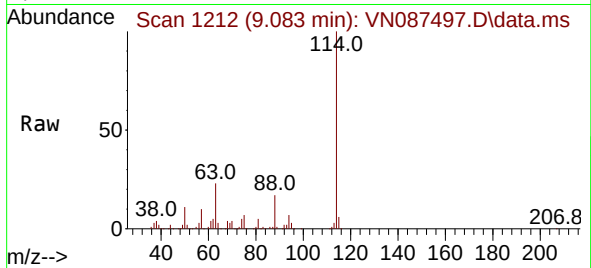




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087497.D
Acq: 08 Aug 2025 12:25

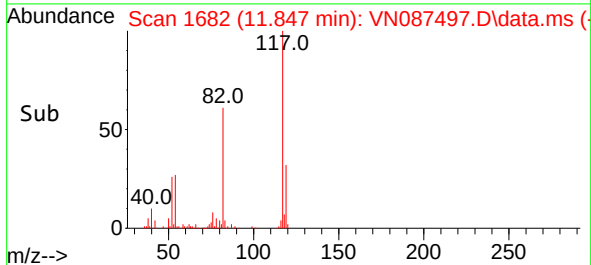
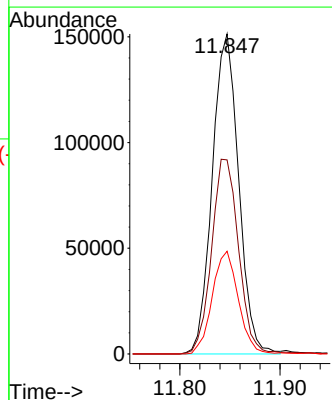
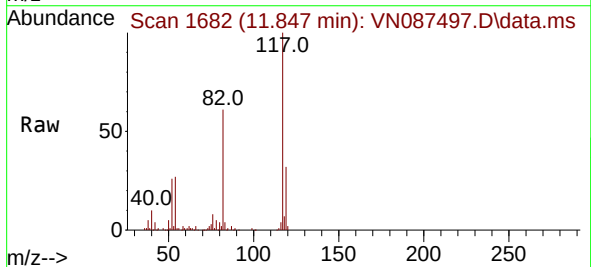
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

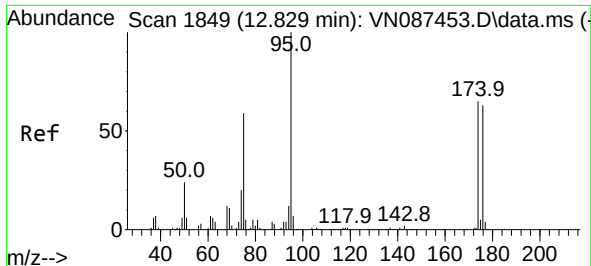
Tgt Ion:114 Resp: 310808
Ion Ratio Lower Upper
114 100
63 23.6 18.9 28.3
88 16.6 13.1 19.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087497.D
Acq: 08 Aug 2025 12:25

Tgt Ion:117 Resp: 276148
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 31.7 25.7 38.5

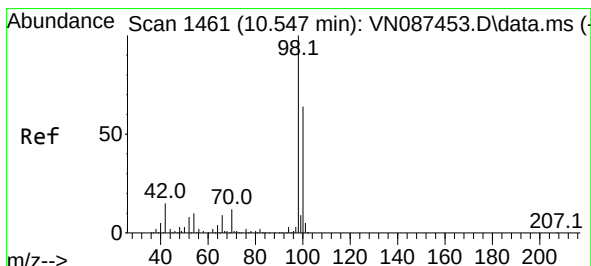
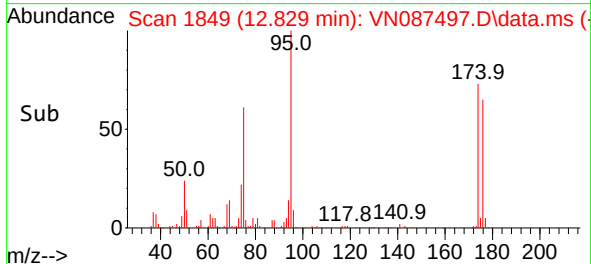
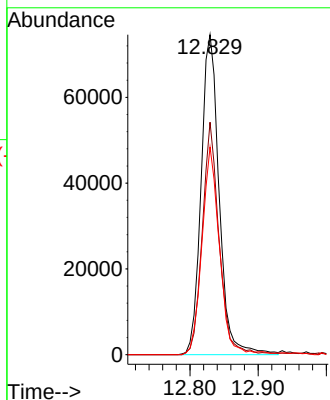
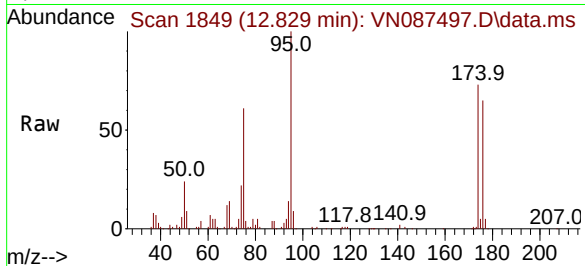




#60
4-Bromofluorobenzene
Concen: 28.969 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087497.D
Acq: 08 Aug 2025 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Tgt Ion: 95 Resp: 137672
Ion Ratio Lower Upper
95 100
174 67.1 52.3 78.5
176 62.0 49.8 74.8



#63
Toluene-d8
Concen: 30.210 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087497.D
Acq: 08 Aug 2025 12:25

Tgt Ion: 98 Resp: 383856
Ion Ratio Lower Upper
98 100
100 65.0 50.5 75.7

