

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081825\
 Data File : VN087598.D
 Acq On : 18 Aug 2025 11:00
 Operator : JC\MD
 Sample : VN0818WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBL01

Quant Time: Aug 19 01:11:52 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	60369	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	336175	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	294352	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	158591	28.482	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.933%
60) 4-Bromofluorobenzene	12.829	95	138437	27.329	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.100%
63) Toluene-d8	10.547	98	410336	30.297	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.000%

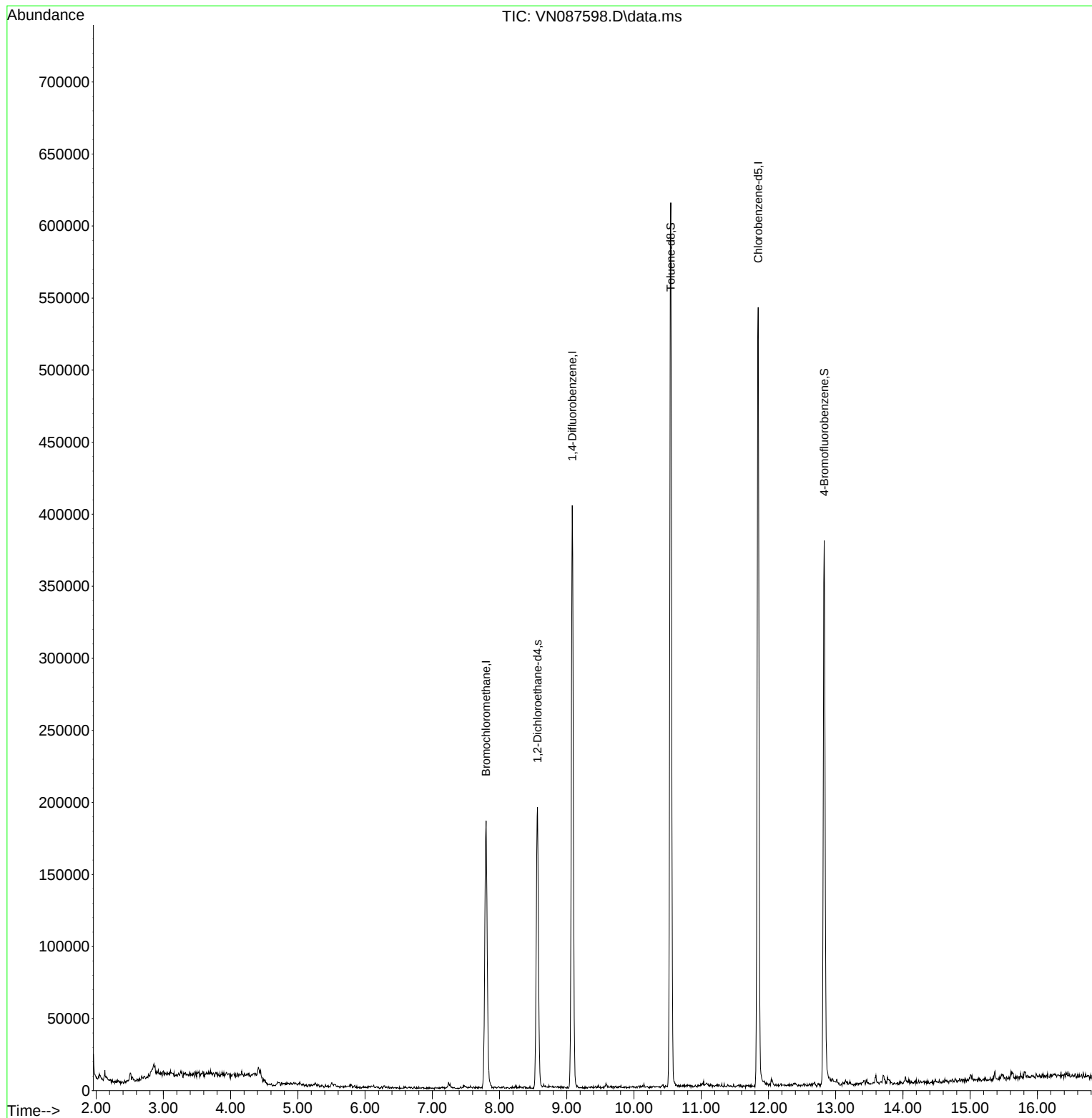
Target Compounds	Qvalue

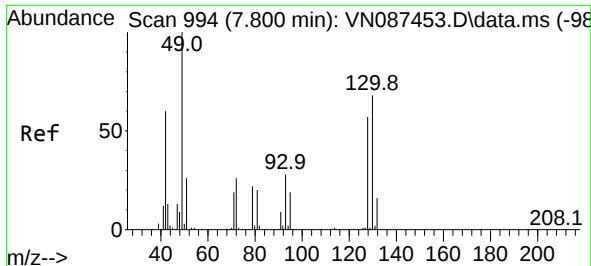
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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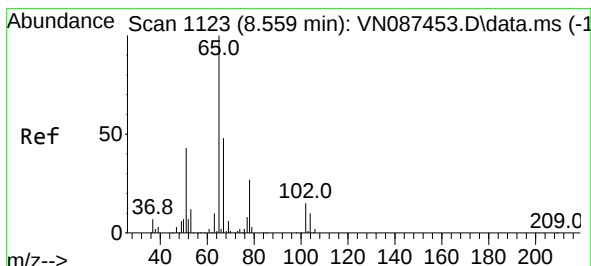
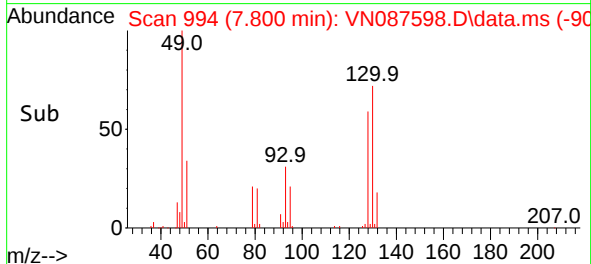
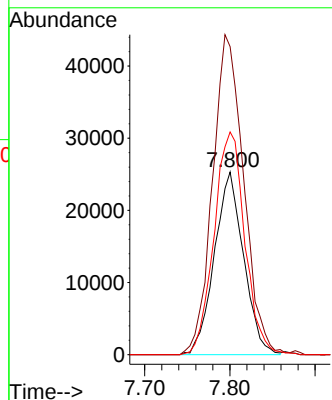
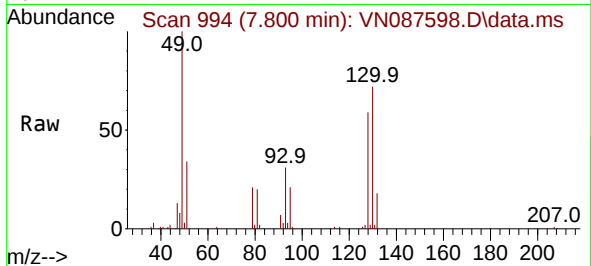




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087598.D
Acq: 18 Aug 2025 11:00

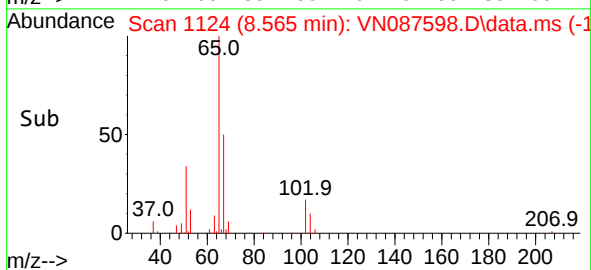
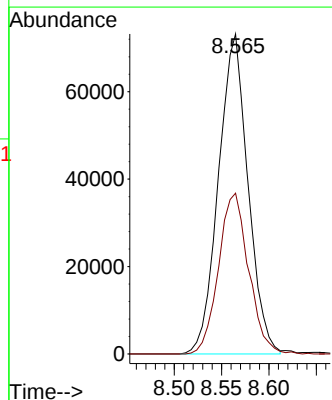
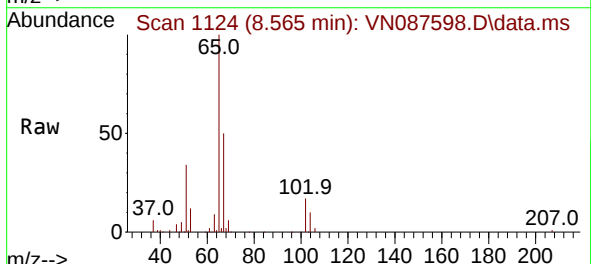
Instrument :
MSVOA_N
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VN0818WBL01

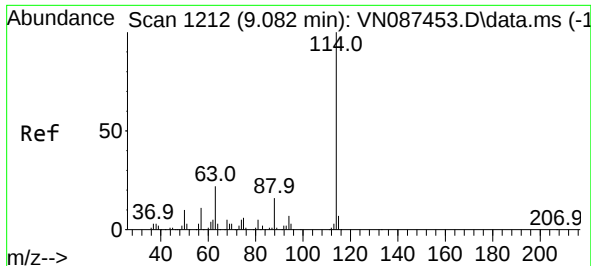
Tgt Ion:128 Resp: 60369
Ion Ratio Lower Upper
128 100
49 185.9 0.0 494.8
130 128.7 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 28.482 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087598.D
Acq: 18 Aug 2025 11:00

Tgt Ion: 65 Resp: 158591
Ion Ratio Lower Upper
65 100
67 51.1 40.8 61.2

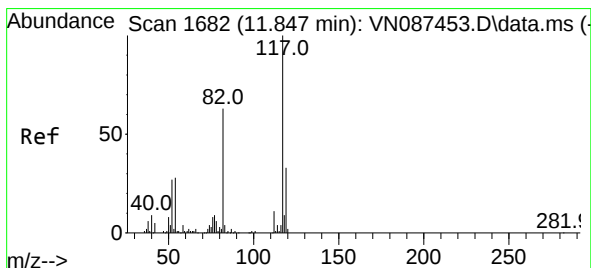
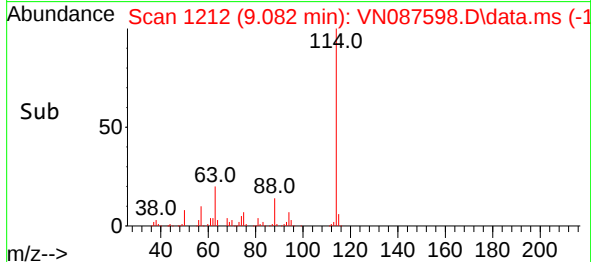
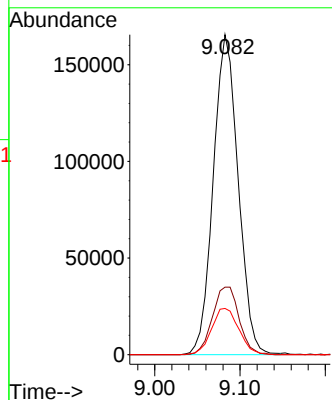
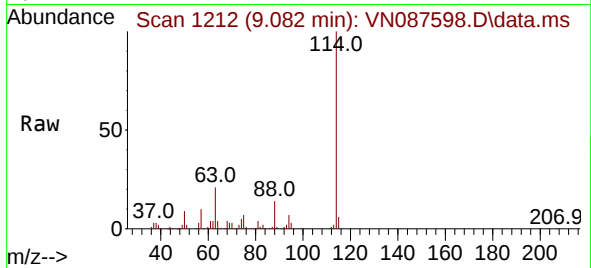




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087598.D
Acq: 18 Aug 2025 11:00

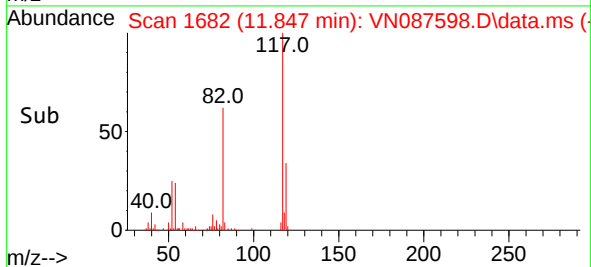
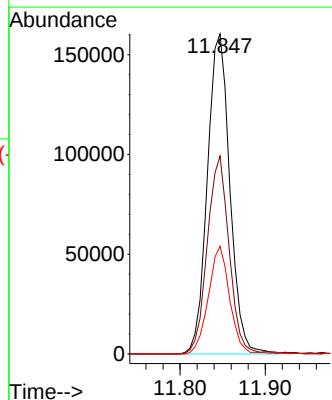
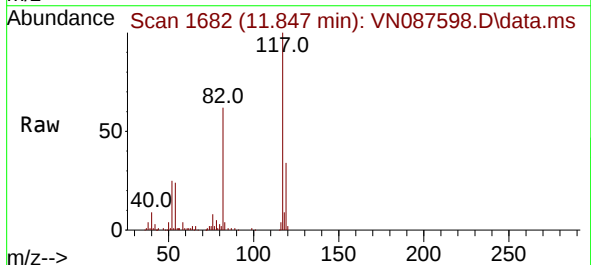
Instrument :
MSVOA_N
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VN0818WBL01

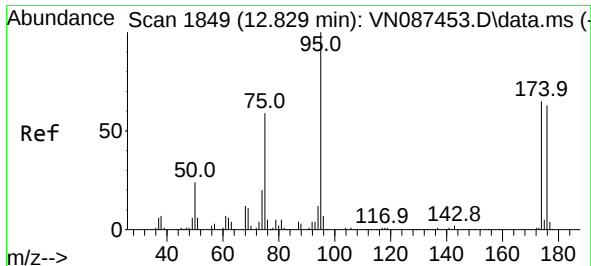
Tgt Ion:114 Resp: 336175
Ion Ratio Lower Upper
114 100
63 22.6 18.9 28.3
88 15.9 13.1 19.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087598.D
Acq: 18 Aug 2025 11:00

Tgt Ion:117 Resp: 294352
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 31.6 25.7 38.5

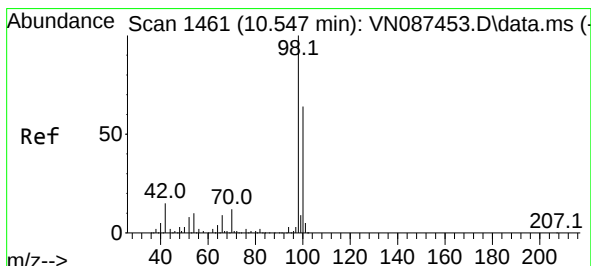
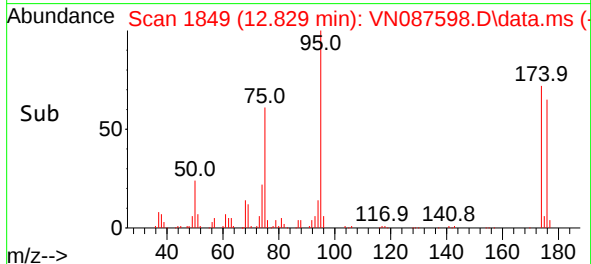
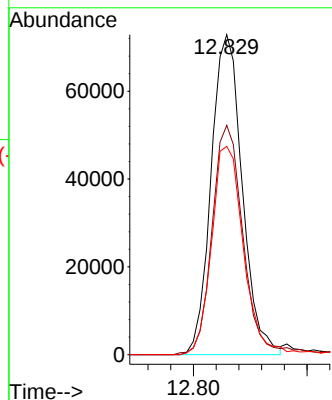
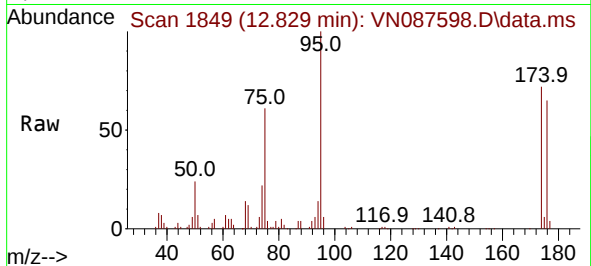




#60
4-Bromofluorobenzene
Concen: 27.329 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087598.D
Acq: 18 Aug 2025 11:00

Instrument :
MSVOA_N
ClientSampleId :
VN0818WBL01

Tgt Ion: 95 Resp: 138437
Ion Ratio Lower Upper
95 100
174 70.1 52.3 78.5
176 66.3 49.8 74.8



#63
Toluene-d8
Concen: 30.297 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087598.D
Acq: 18 Aug 2025 11:00

Tgt Ion: 98 Resp: 410336
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7

