

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087474.D
 Acq On : 06 Aug 2025 12:11
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 07 03:35:43 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	61365	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	329531	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	284156	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	169465	29.941	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.800%
60) 4-Bromofluorobenzene	12.829	95	138545	28.331	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.433%
63) Toluene-d8	10.547	98	402522	30.786	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.633%

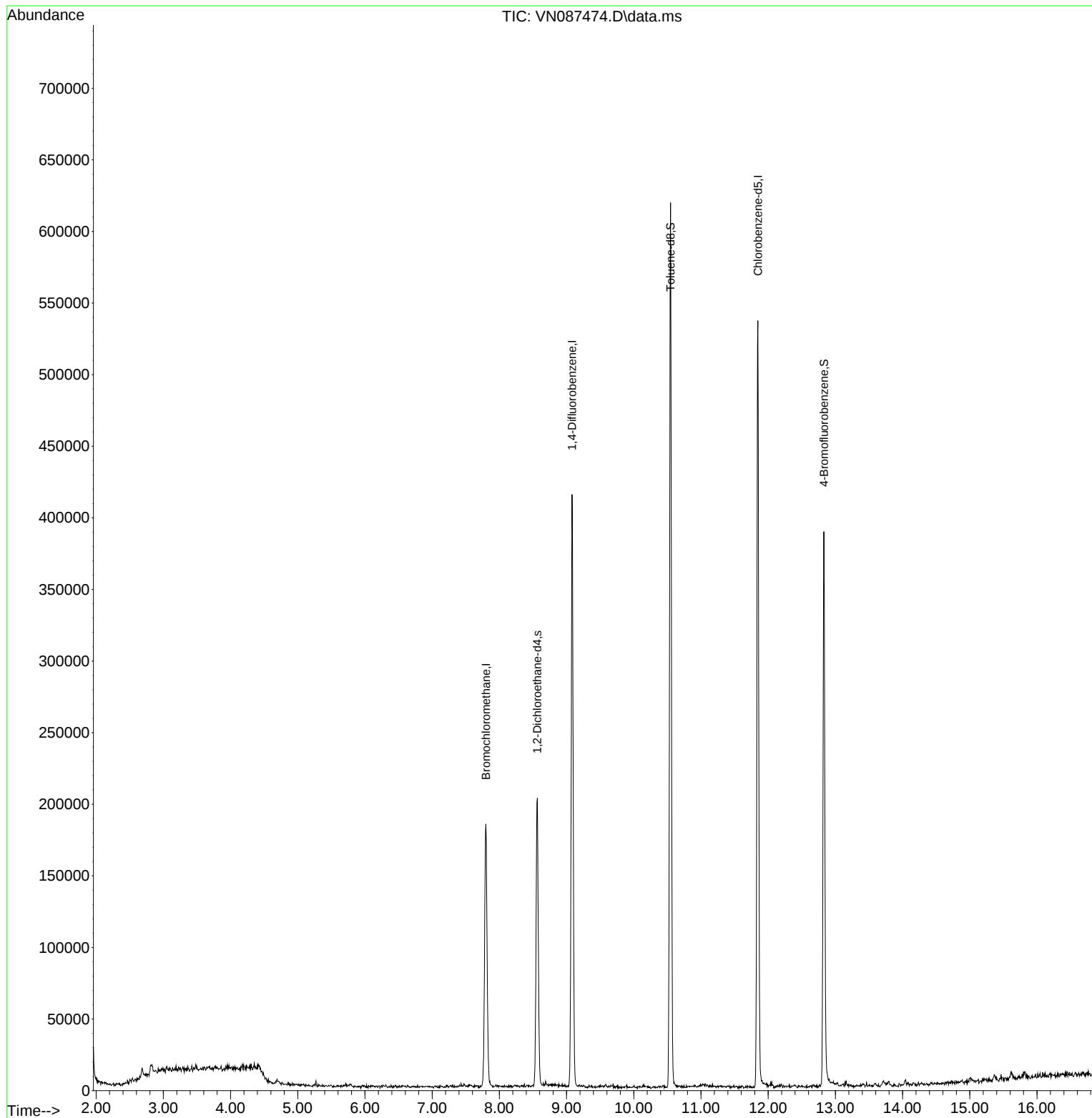
Target Compounds	Qvalue

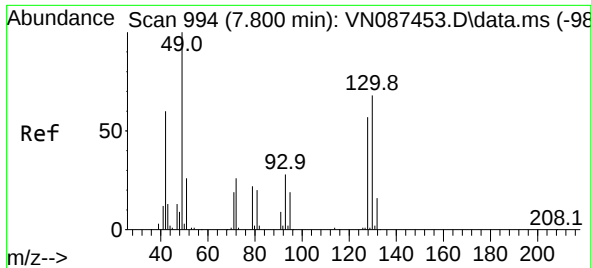
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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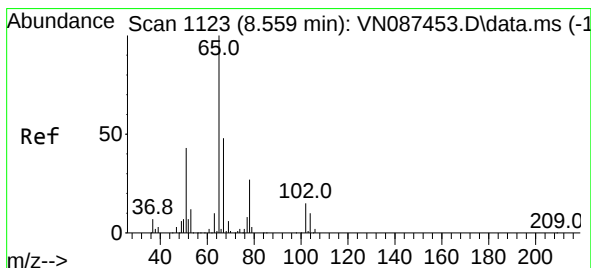
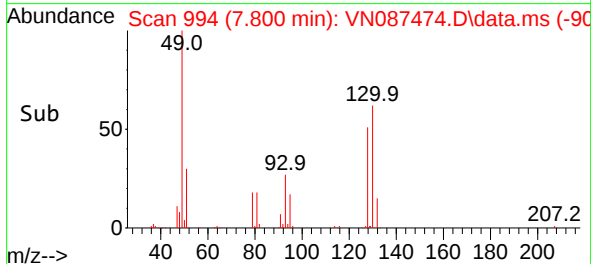
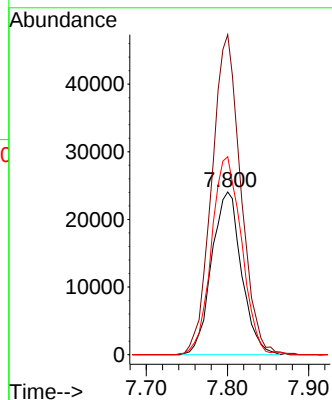
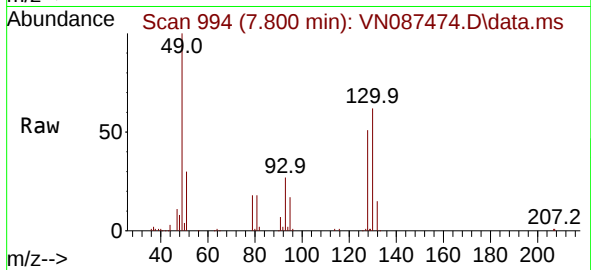




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087474.D
Acq: 06 Aug 2025 12:11

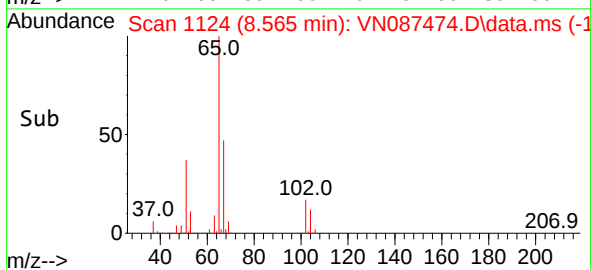
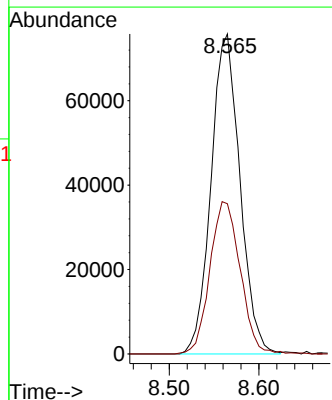
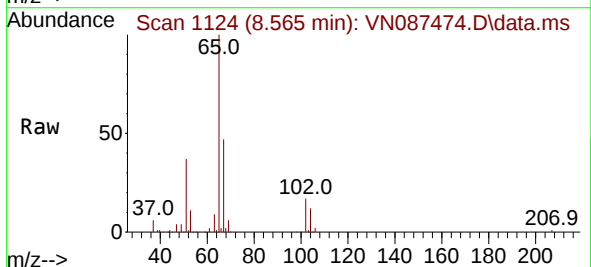
Instrument :
MSVOA_N
ClientSampleId :
IBLK

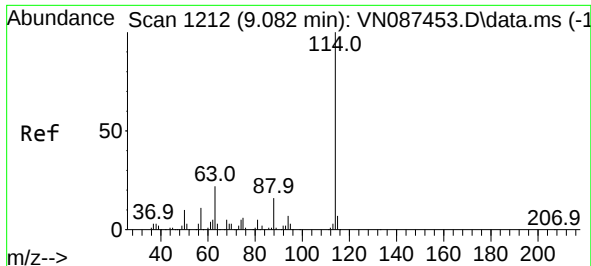
Tgt Ion:128 Resp: 61365
Ion Ratio Lower Upper
128 100
49 191.3 0.0 494.8
130 122.5 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 29.941 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087474.D
Acq: 06 Aug 2025 12:11

Tgt Ion: 65 Resp: 169465
Ion Ratio Lower Upper
65 100
67 49.8 40.8 61.2

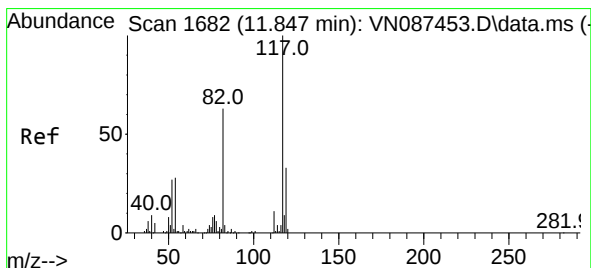
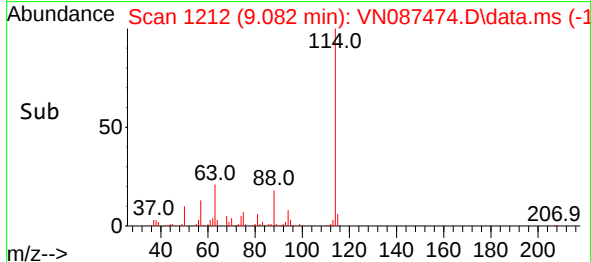
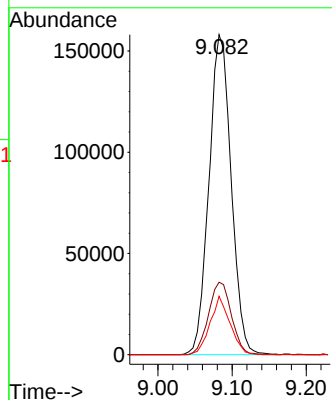
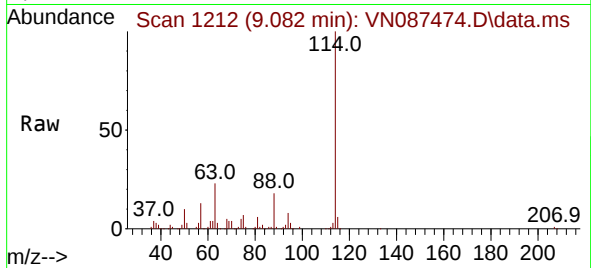




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN087474.D
Acq: 06 Aug 2025 12:11

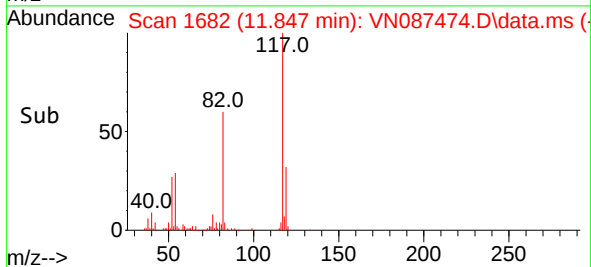
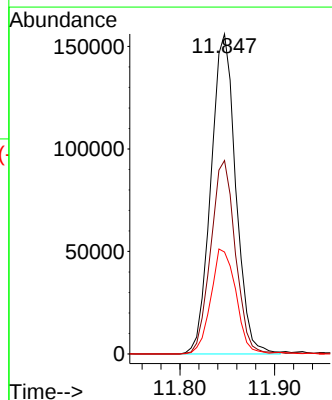
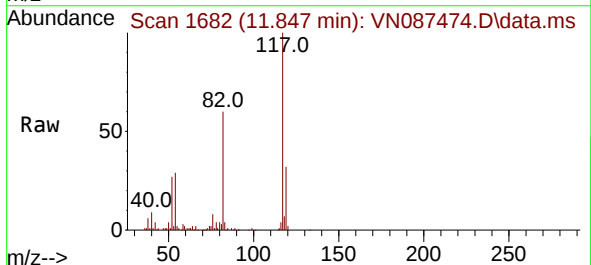
Instrument :
MSVOA_N
ClientSampleId :
IBLK

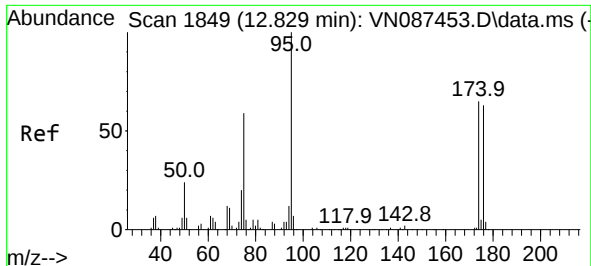
Tgt Ion:114 Resp: 329531
Ion Ratio Lower Upper
114 100
63 23.3 18.9 28.3
88 16.4 13.1 19.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087474.D
Acq: 06 Aug 2025 12:11

Tgt Ion:117 Resp: 284156
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 33.1 25.7 38.5

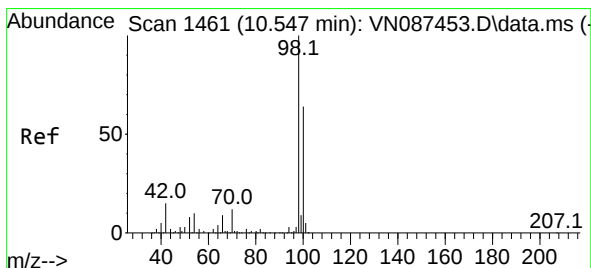
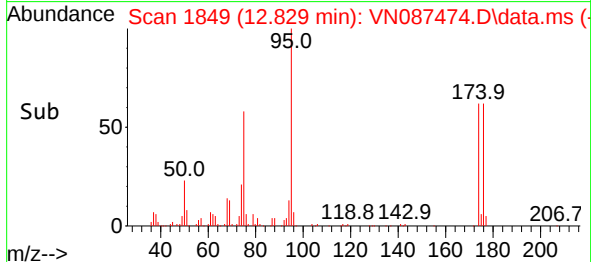
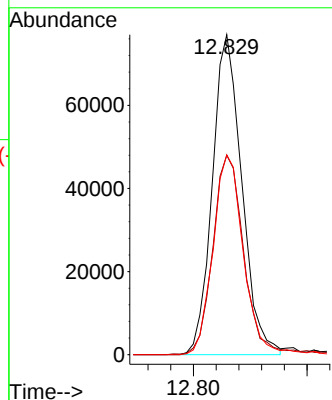
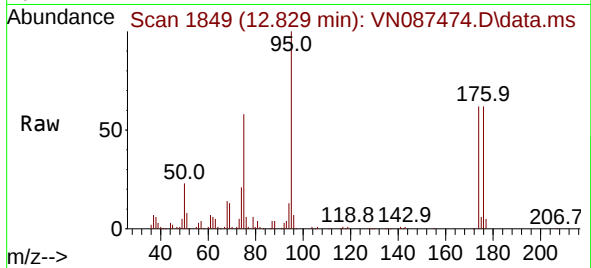




#60
4-Bromofluorobenzene
Concen: 28.331 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087474.D
Acq: 06 Aug 2025 12:11

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 138545
Ion Ratio Lower Upper
95 100
174 66.2 52.3 78.5
176 64.4 49.8 74.8



#63
Toluene-d8
Concen: 30.786 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087474.D
Acq: 06 Aug 2025 12:11

Tgt Ion: 98 Resp: 402522
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

