

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
Data File : VN087479.D
Acq On : 06 Aug 2025 14:00
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Aug 07 03:38:34 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	57280	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	324114	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	284187	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	166667	31.546	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.167%
60) 4-Bromofluorobenzene	12.829	95	137755	28.167	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.900%
63) Toluene-d8	10.547	98	400453	30.625	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.067%

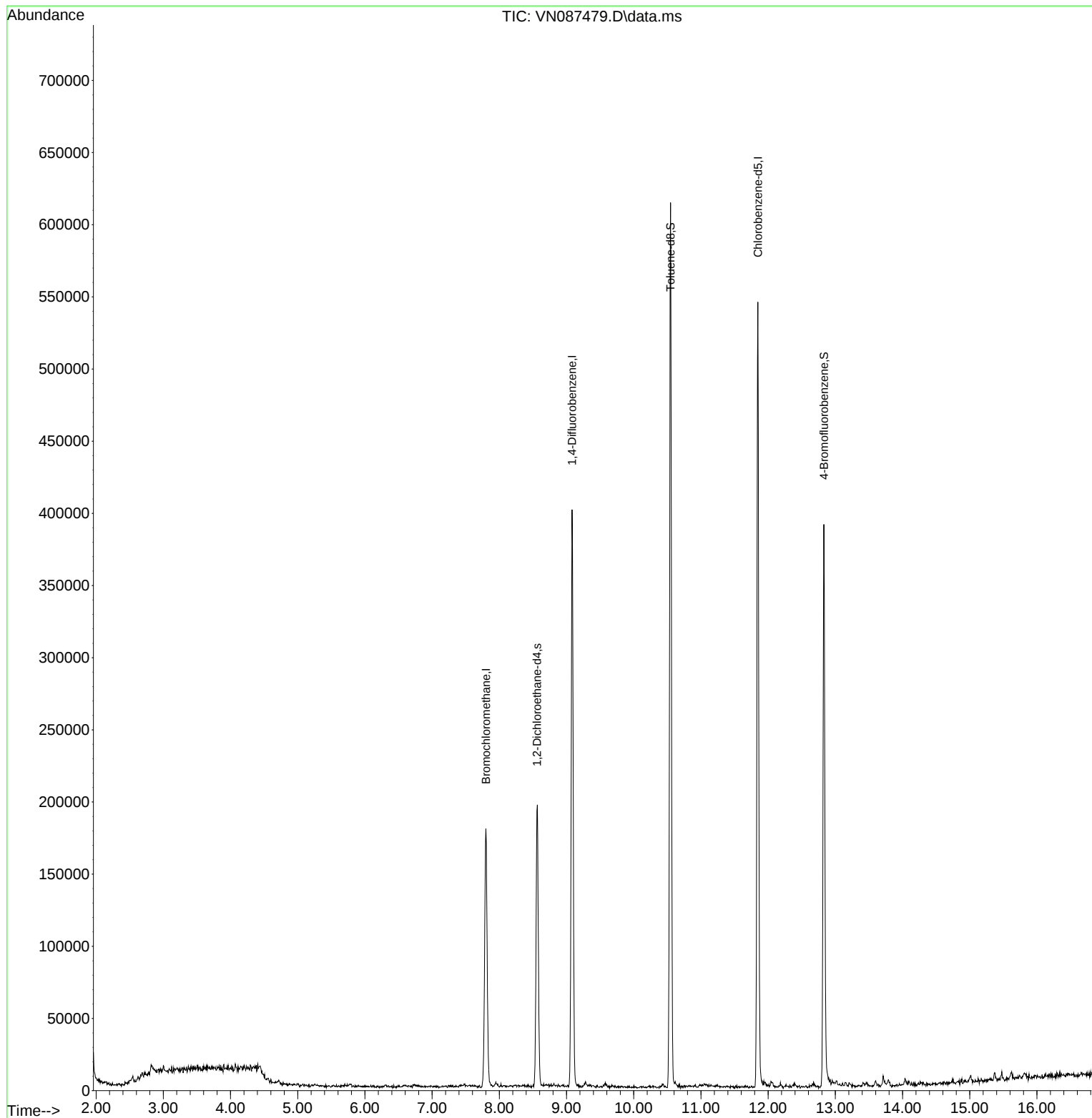
Target Compounds	Qvalue

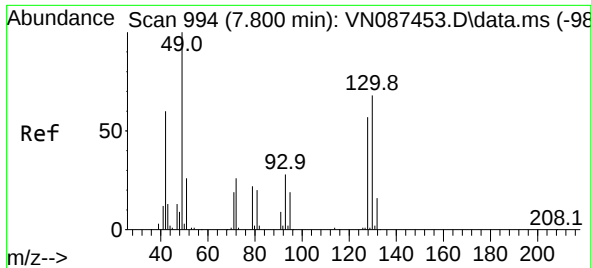
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
Data File : VN087479.D
Acq On : 06 Aug 2025 14:00
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Aug 07 03:38:34 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

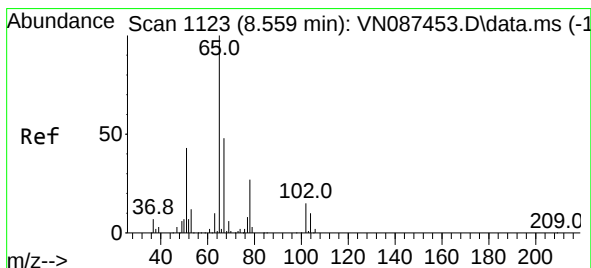
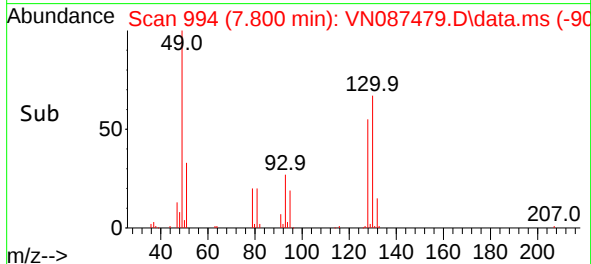
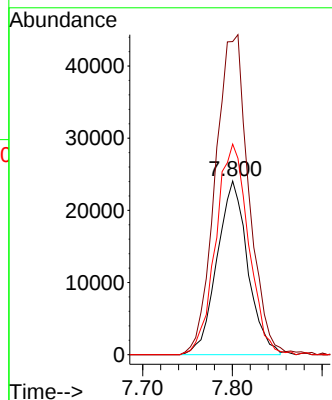
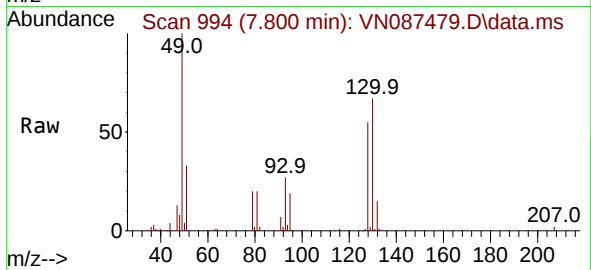




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087479.D
Acq: 06 Aug 2025 14:00

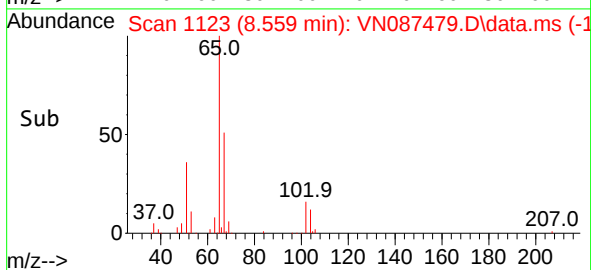
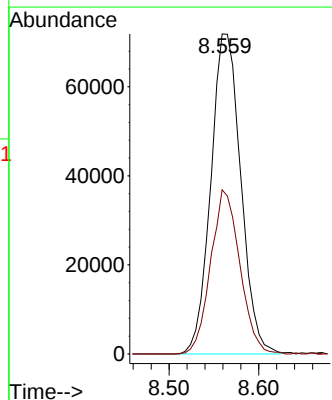
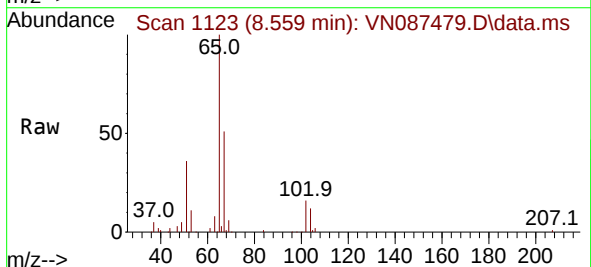
Instrument :
MSVOA_N
ClientSampleId :
IBLK

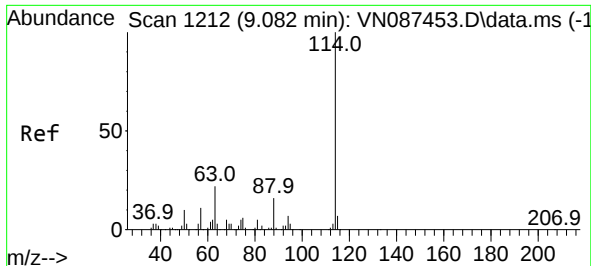
Tgt Ion:128 Resp: 57280
Ion Ratio Lower Upper
128 100
49 200.5 0.0 494.8
130 129.6 0.0 321.5



#27
1,2-Dichloroethane-d4
Concen: 31.546 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087479.D
Acq: 06 Aug 2025 14:00

Tgt Ion: 65 Resp: 166667
Ion Ratio Lower Upper
65 100
67 50.0 40.8 61.2

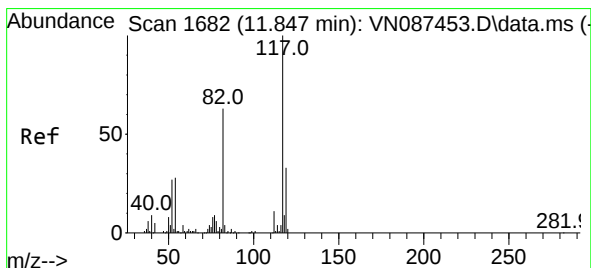
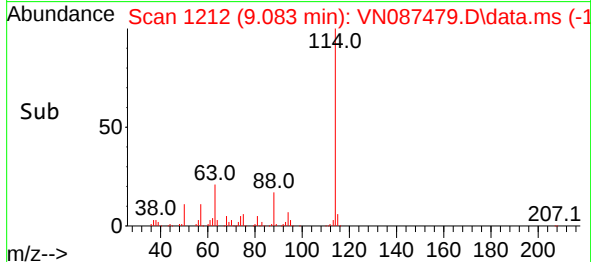
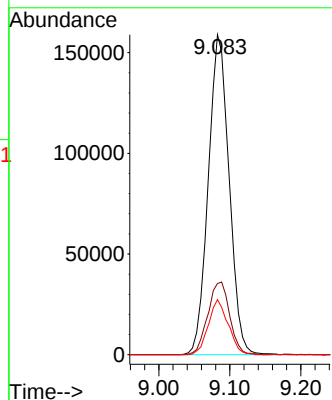
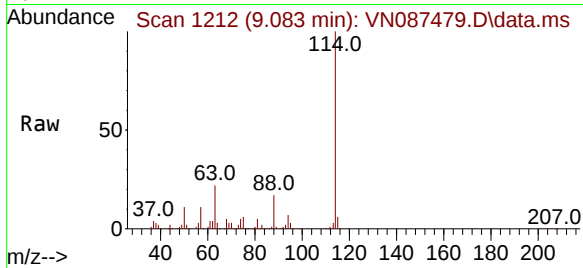




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN087479.D
Acq: 06 Aug 2025 14:00

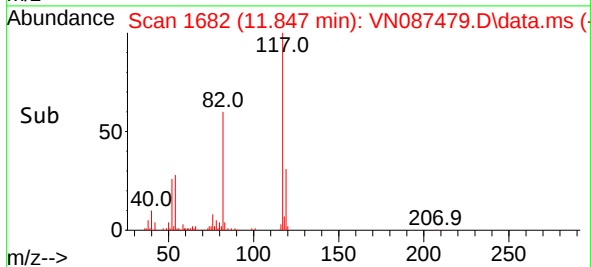
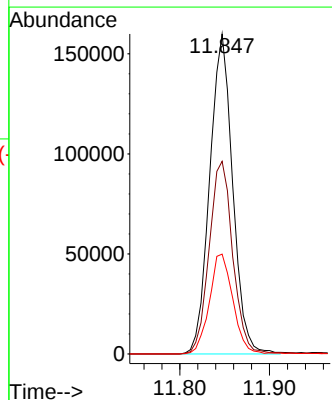
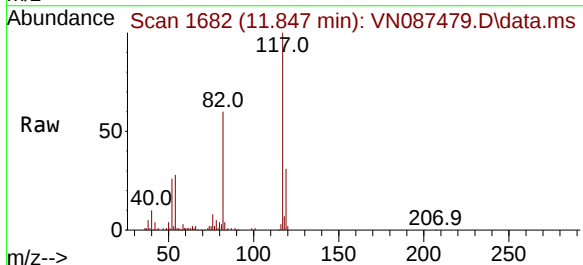
Instrument :
MSVOA_N
ClientSampleId :
IBLK

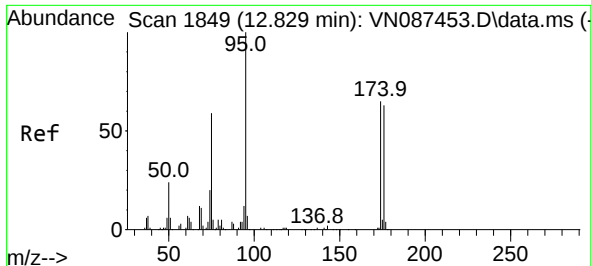
Tgt Ion:114 Resp: 324114
Ion Ratio Lower Upper
114 100
63 23.7 18.9 28.3
88 16.3 13.1 19.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087479.D
Acq: 06 Aug 2025 14:00

Tgt Ion:117 Resp: 284187
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 31.9 25.7 38.5

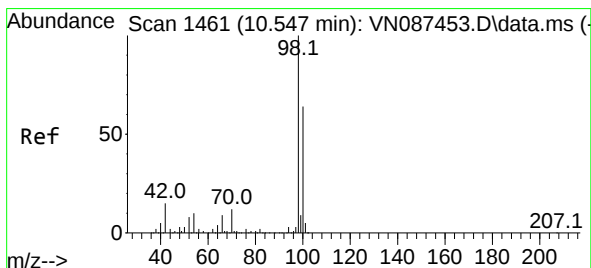
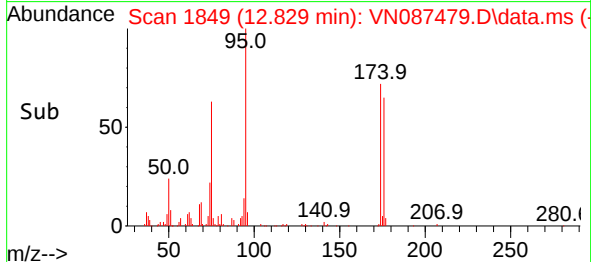
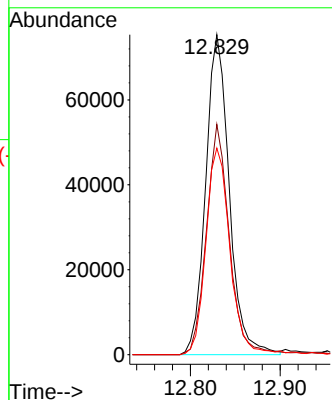
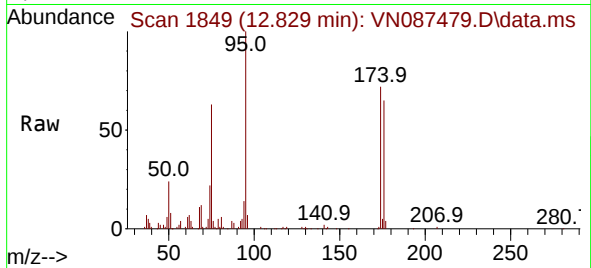




#60
4-Bromofluorobenzene
Concen: 28.167 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087479.D
Acq: 06 Aug 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 137755
Ion Ratio Lower Upper
95 100
174 69.8 52.3 78.5
176 65.3 49.8 74.8



#63
Toluene-d8
Concen: 30.625 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087479.D
Acq: 06 Aug 2025 14:00

Tgt Ion: 98 Resp: 400453
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7

