

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087611.D
 Acq On : 20 Aug 2025 12:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/21/2025
 Supervised By : Mahesh Dadoda 08/22/2025

Quant Time: Aug 21 02:43:49 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	49344m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	261067	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	230020	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	136877	30.075	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.233%
60) 4-Bromofluorobenzene	12.829	95	106673	26.948	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.833%
63) Toluene-d8	10.547	98	316067	29.863	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%

Target Compounds	Qvalue

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

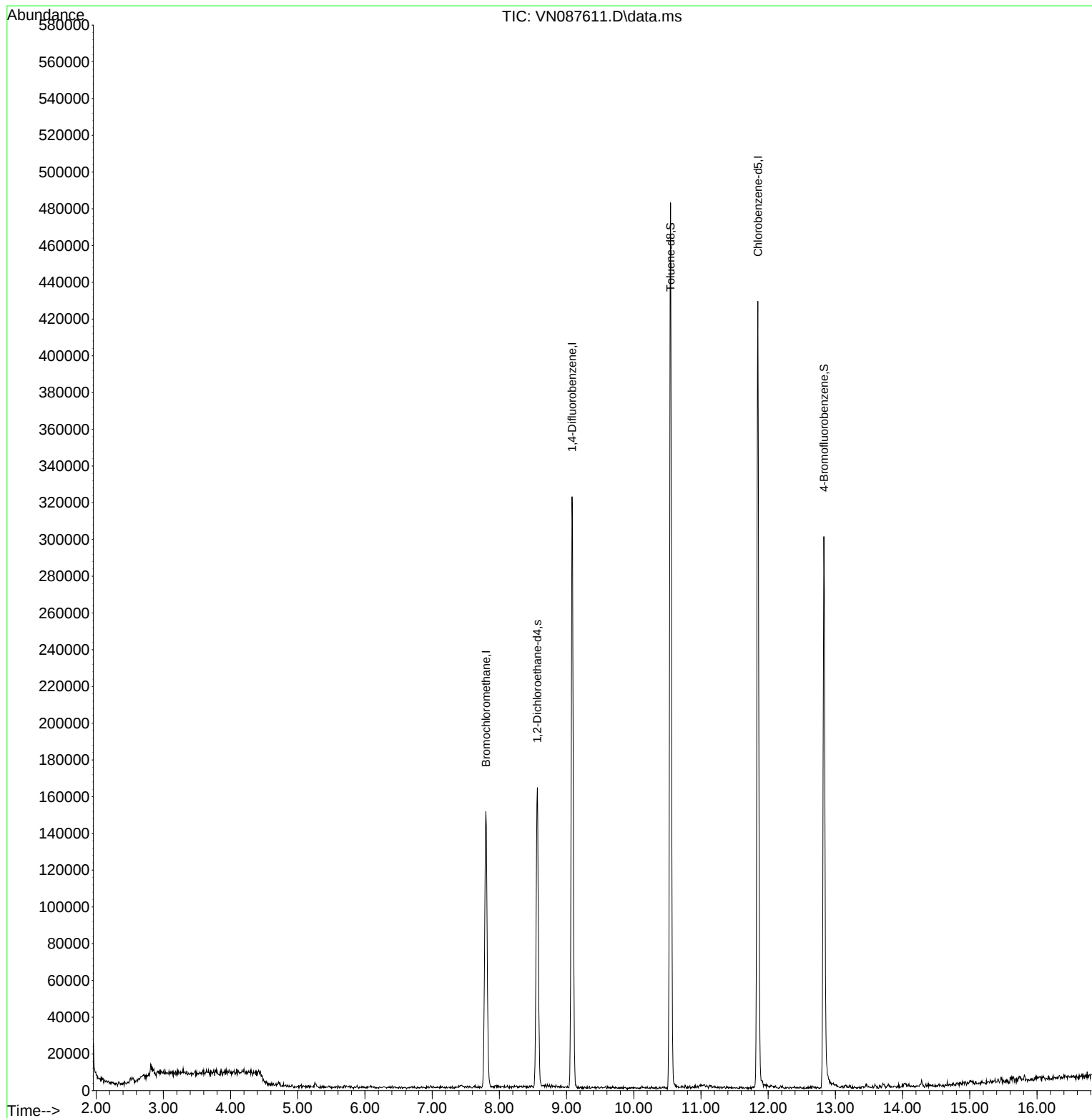
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
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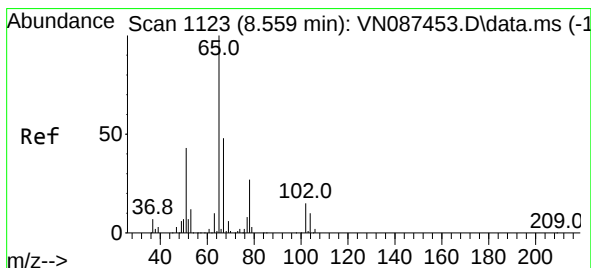
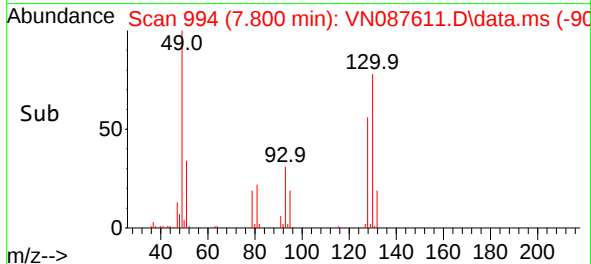
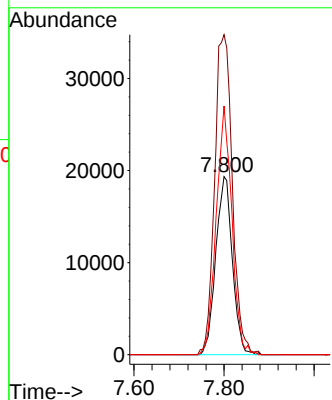
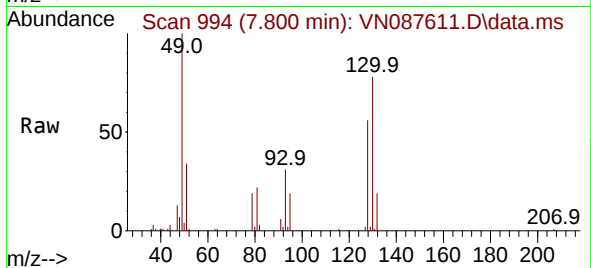
#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087611.D
Acq: 20 Aug 2025 12:41

Instrument :
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ClientSampleId :
IBLK

Tgt Ion:128 Resp: 49344
Ion Ratio Lower Upper
128 100
49 0.5 0.0 494.8
130 0.2 0.0 321.5

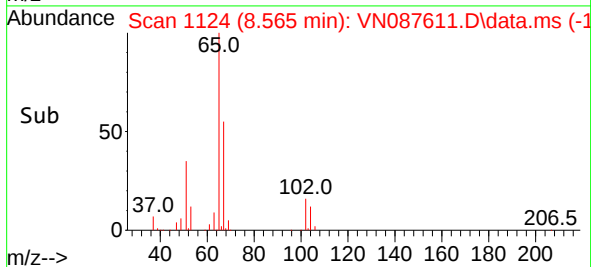
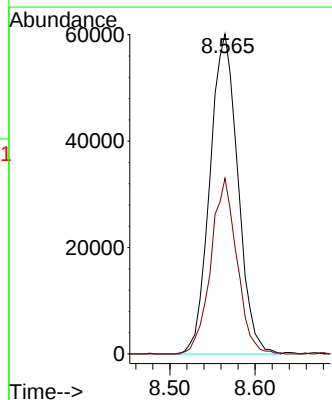
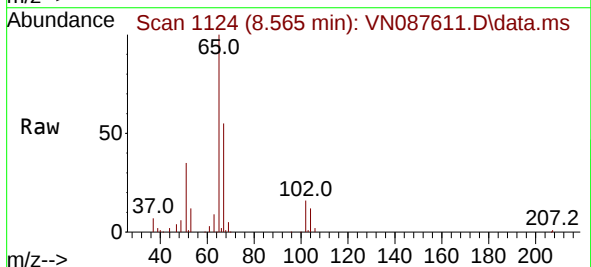
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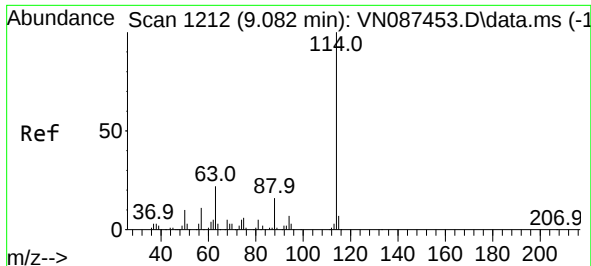
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#27
1,2-Dichloroethane-d4
Concen: 30.075 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087611.D
Acq: 20 Aug 2025 12:41

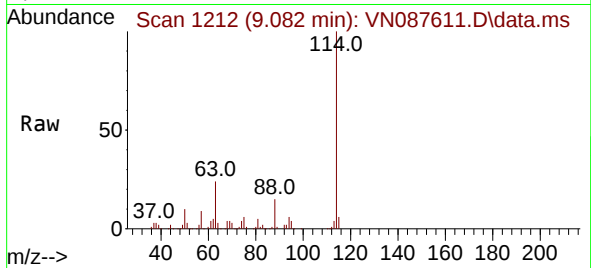
Tgt Ion: 65 Resp: 136877
Ion Ratio Lower Upper
65 100
67 51.2 40.8 61.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN087611.D
Acq: 20 Aug 2025 12:41

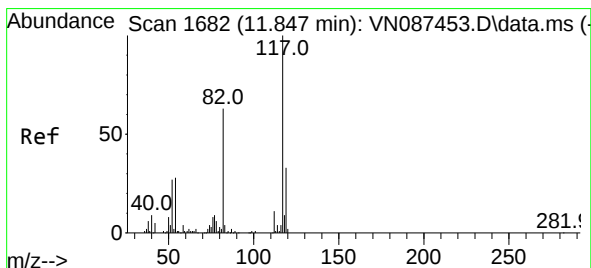
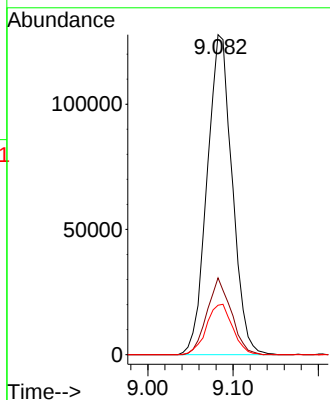
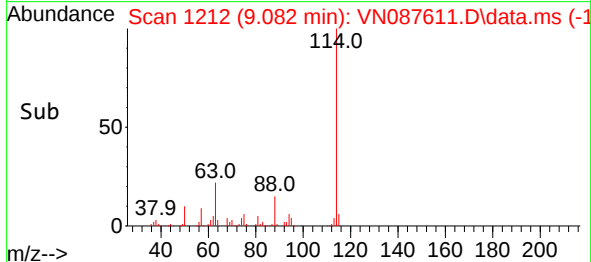
Instrument :
MSVOA_N
ClientSampleId :
IBLK



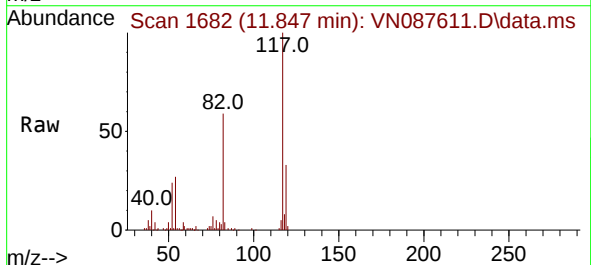
Tgt Ion:114 Resp: 26106
Ion Ratio Lower Upper
114 100
63 23.1 18.9 28.3
88 16.5 13.1 19.7

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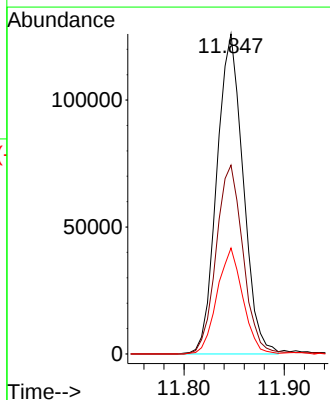
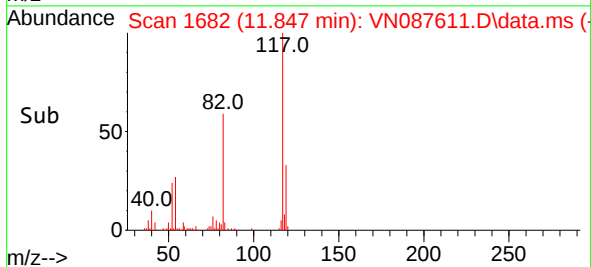
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

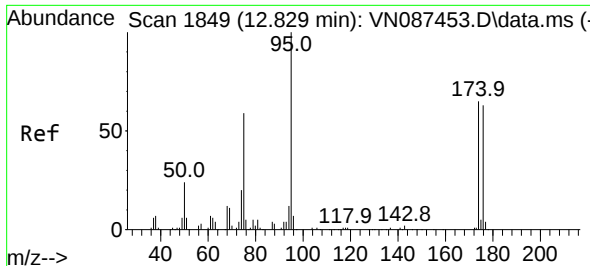


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087611.D
Acq: 20 Aug 2025 12:41



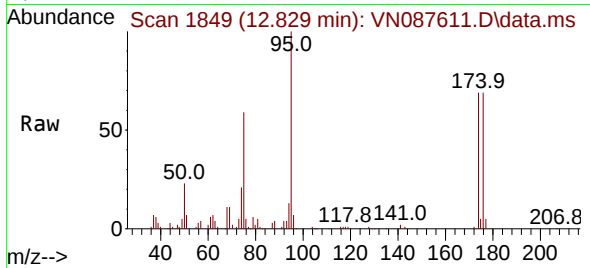
Tgt Ion:117 Resp: 230020
Ion Ratio Lower Upper
117 100
82 60.4 49.2 73.8
119 32.2 25.7 38.5





#60
4-Bromofluorobenzene
Concen: 26.948 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087611.D
Acq: 20 Aug 2025 12:41

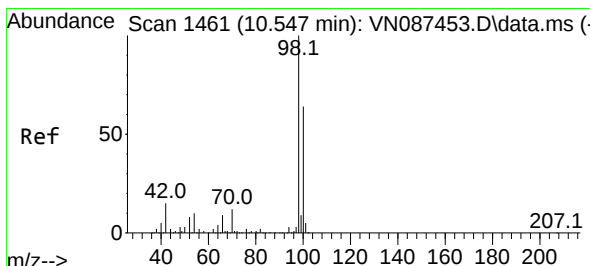
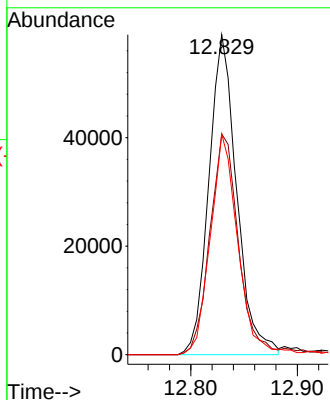
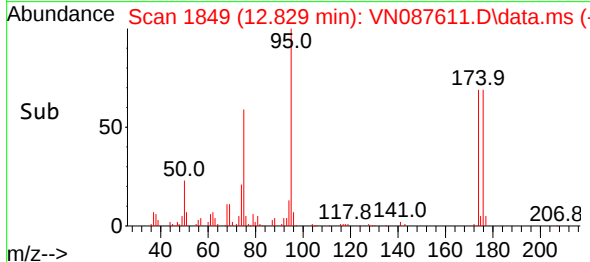
Instrument :
MSVOA_N
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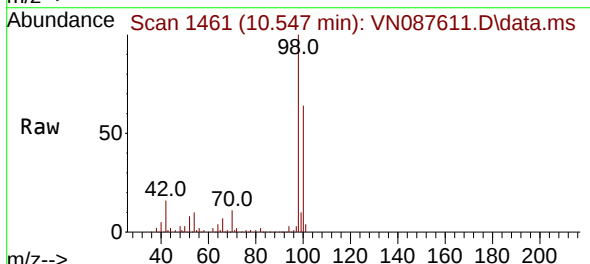
Tgt Ion: 95 Resp: 10667
Ion Ratio Lower Upper
95 100
174 70.6 52.3 78.5
176 68.1 49.8 74.8

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#63
Toluene-d8
Concen: 29.863 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087611.D
Acq: 20 Aug 2025 12:41



Tgt Ion: 98 Resp: 316067
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7

