

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
 Data File : VN078925.D
 Acq On : 17 Aug 2023 14:39
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 05:24:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	43116m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	234932	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	197842	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	103504	29.631	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.767%
60) 4-Bromofluorobenzene	12.853	95	71095	24.635	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.100%
63) Toluene-d8	10.571	98	283161	30.648	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.167%

Target Compounds	Qvalue

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

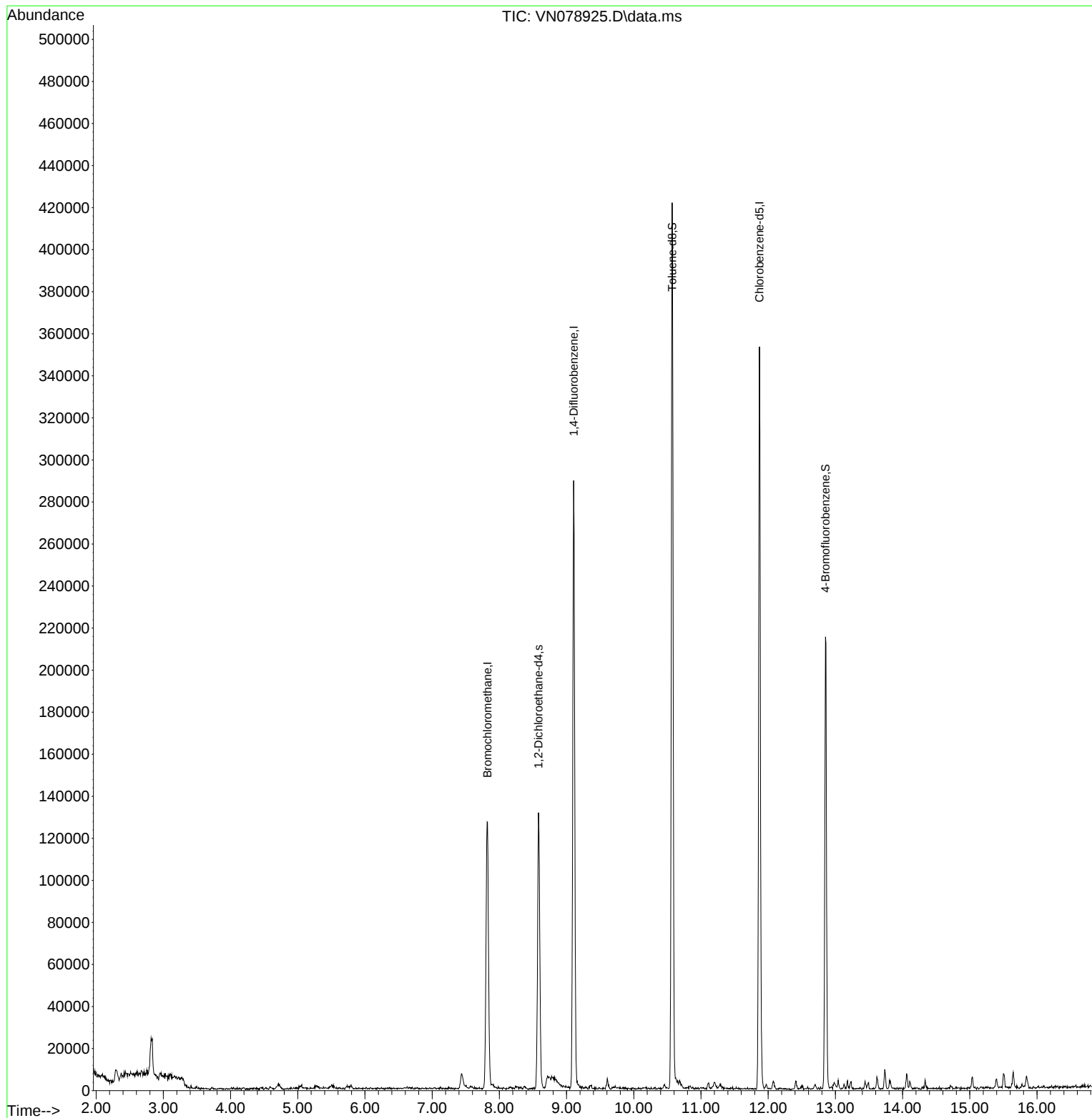
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081723\
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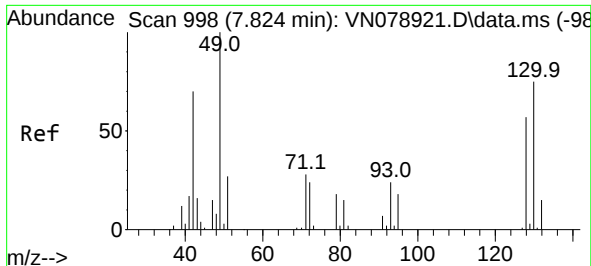
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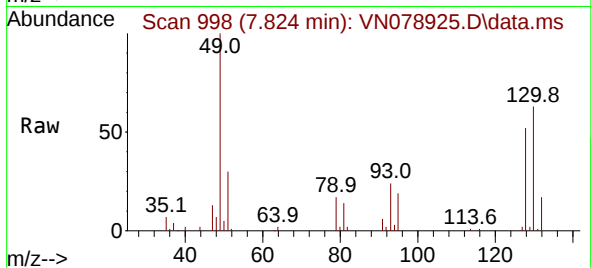
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078925.D
Acq: 17 Aug 2023 14:39

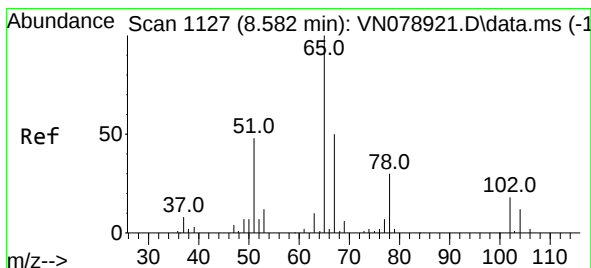
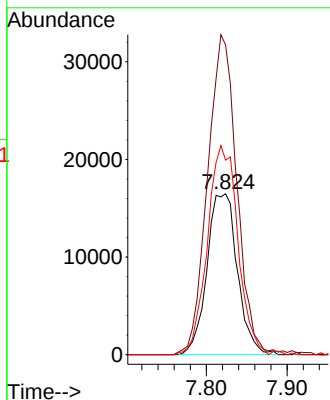
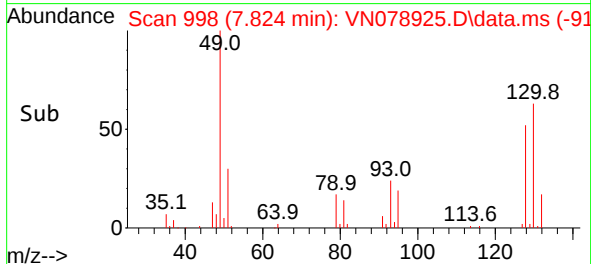
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



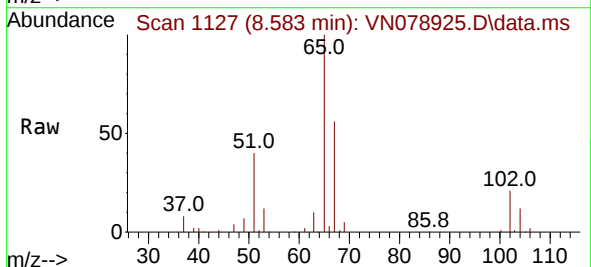
Tgt Ion:128 Resp: 43110
Ion Ratio Lower Upper
128 100
49 190.7 0.0 481.8
130 130.1 0.0 320.5

Manual Integrations
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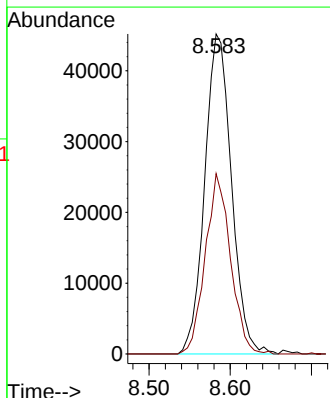
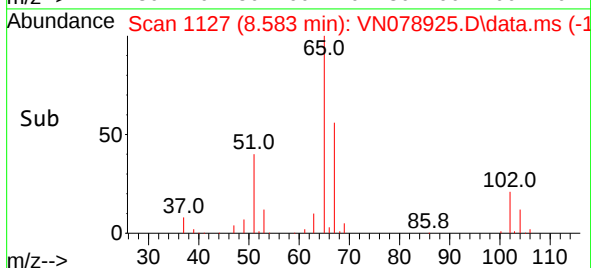
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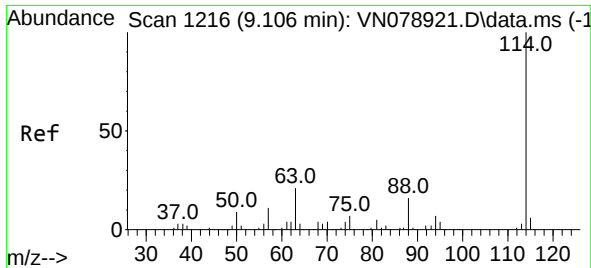


#27
1,2-Dichloroethane-d4
Concen: 29.631 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078925.D
Acq: 17 Aug 2023 14:39



Tgt Ion: 65 Resp: 103504
Ion Ratio Lower Upper
65 100
67 53.0 40.7 61.1





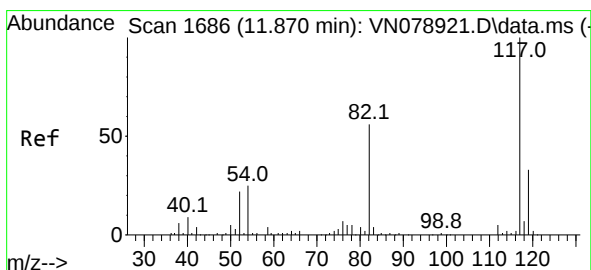
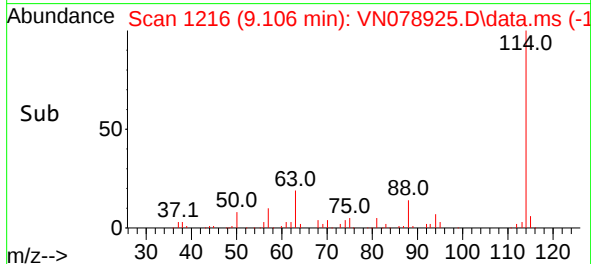
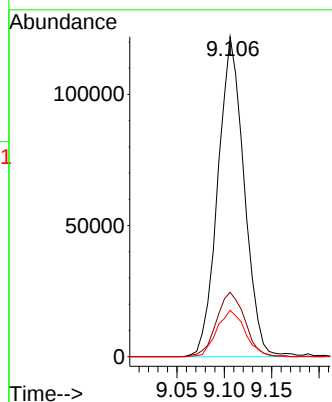
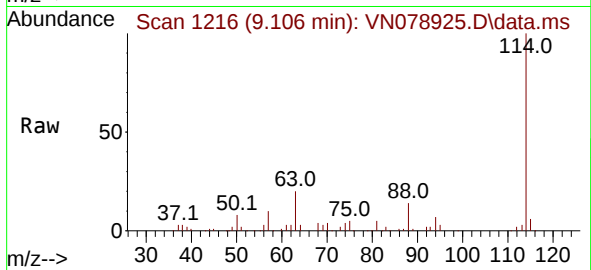
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078925.D
Acq: 17 Aug 2023 14:39

Instrument :
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Tgt Ion:114 Resp: 234932
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.2
88 15.7 12.0 18.0

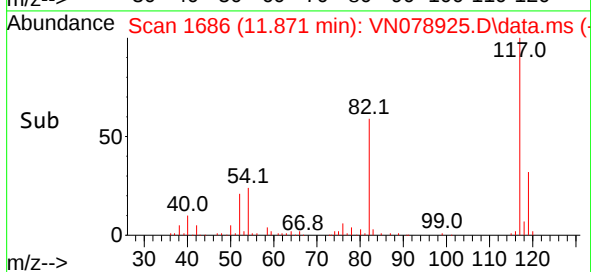
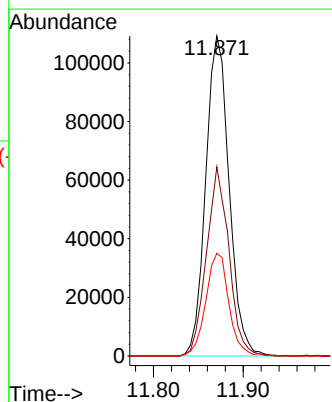
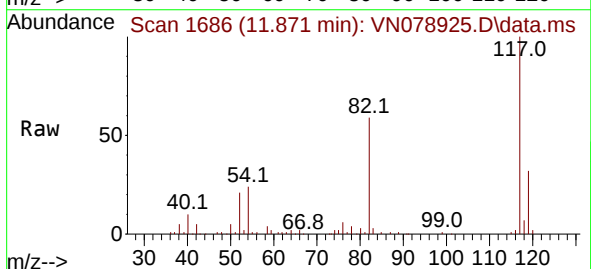
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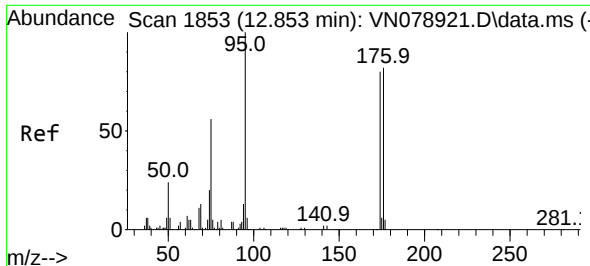
Reviewed By :John Carlone 08/18/2023
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078925.D
Acq: 17 Aug 2023 14:39

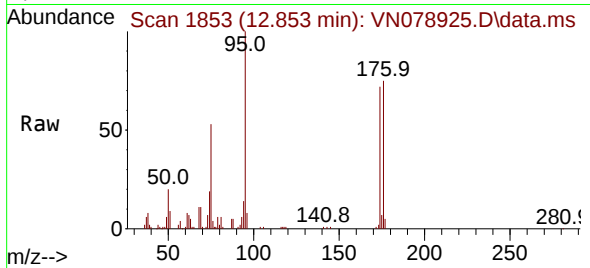
Tgt Ion:117 Resp: 197842
Ion Ratio Lower Upper
117 100
82 56.8 43.4 65.0
119 31.7 25.5 38.3





#60
4-Bromofluorobenzene
Concen: 24.635 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078925.D
Acq: 17 Aug 2023 14:39

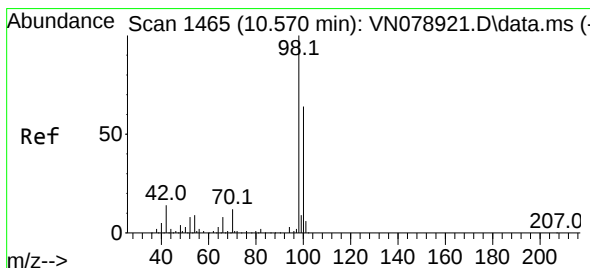
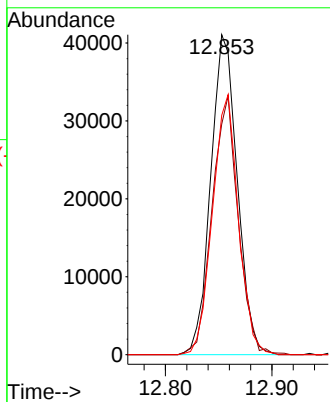
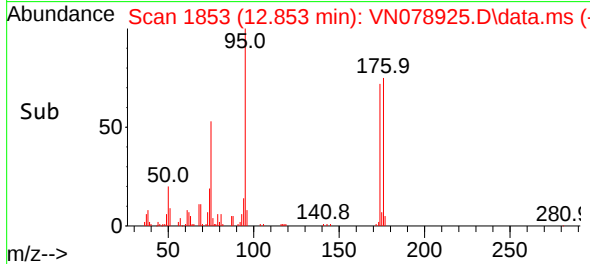
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VIBLK



Tgt Ion: 95 Resp: 71099
Ion Ratio Lower Upper
95 100
174 78.9 64.8 97.2
176 79.3 63.0 94.6

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#63
Toluene-d8
Concen: 30.648 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078925.D
Acq: 17 Aug 2023 14:39

Tgt Ion: 98 Resp: 283161
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

