

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051223\
 Data File : VN077669.D
 Acq On : 12 May 2023 13:12
 Operator : JC\MD
 Sample : 02752-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230510034-01-TRIP-BLANK

Quant Time: May 15 01:37:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2023
 Supervised By : Mahesh Dadoda 05/15/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	124783	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	711396	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	625527	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	255971	28.525	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.067%
60) 4-Bromofluorobenzene	12.853	95	252483m	25.385	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.600%
63) Toluene-d8	10.571	98	847559	29.336	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.800%

Target Compounds	Qvalue

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

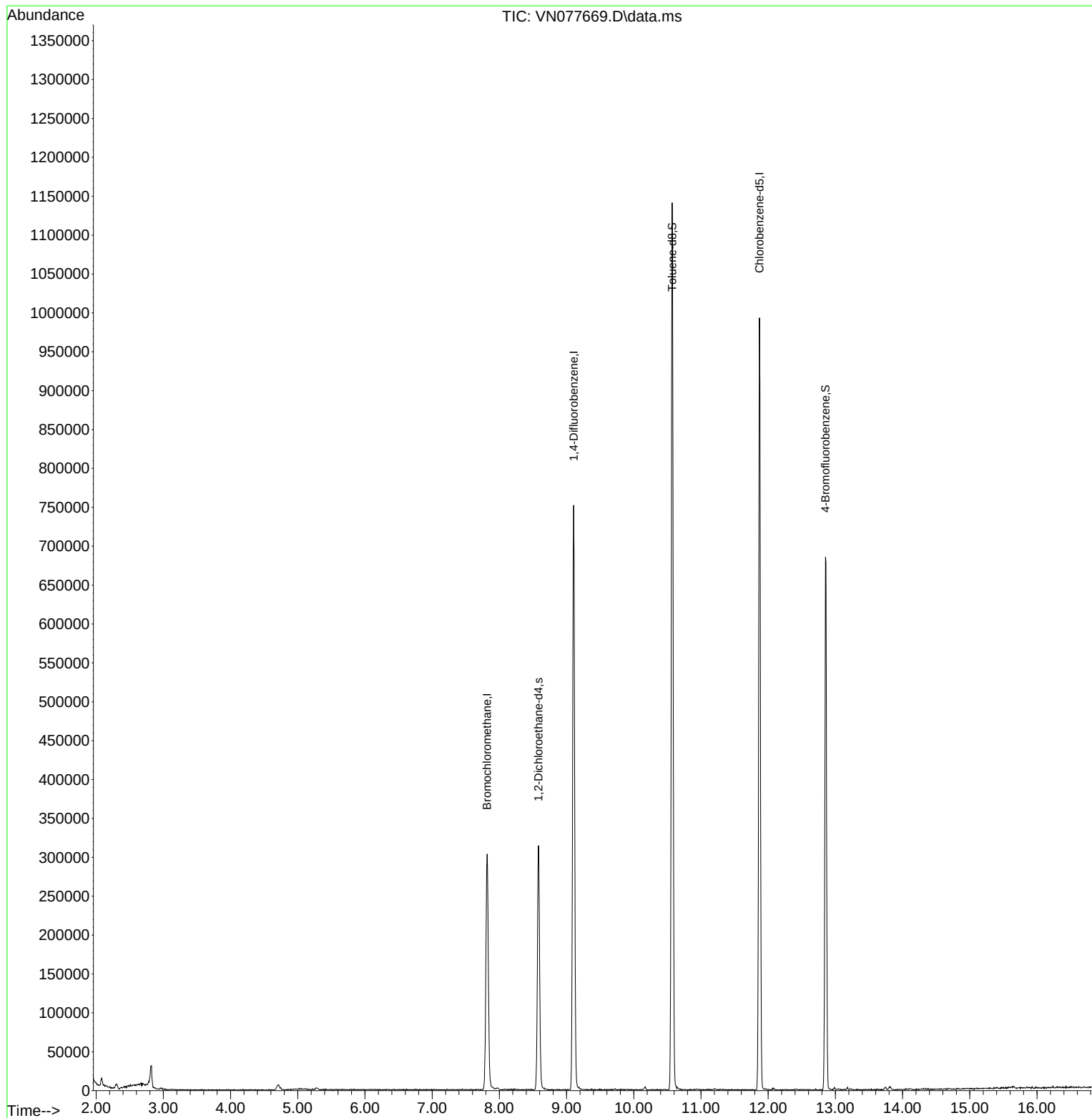
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051223\
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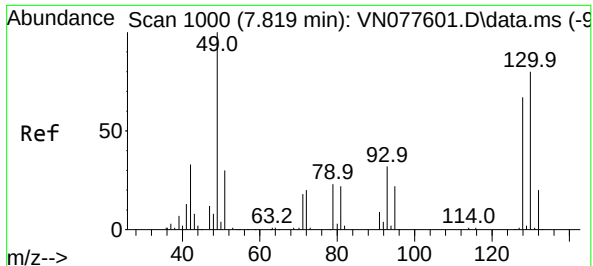
Instrument :
MSVOA_N
ClientSampleId :
230510034-01-TRIP-BLANK

Quant Time: May 15 01:37:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
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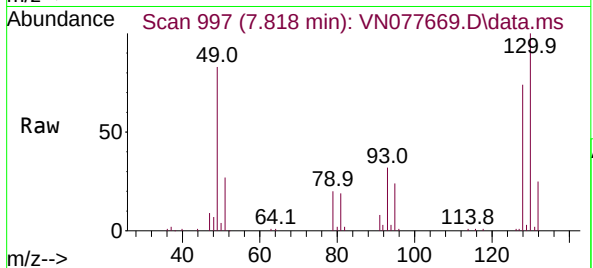
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

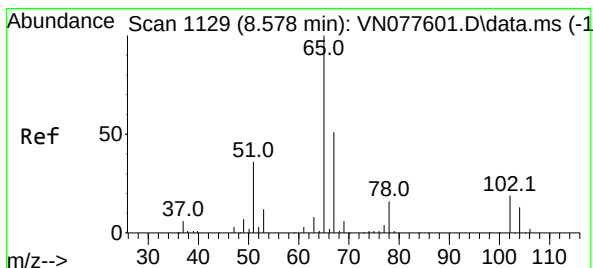
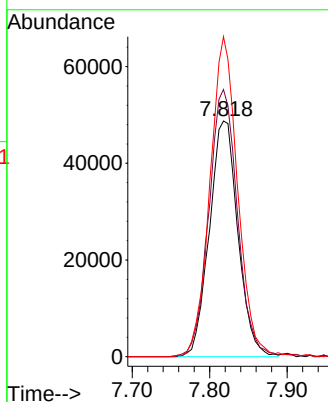
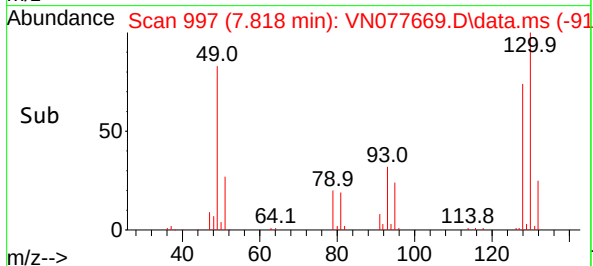
Instrument :
MSVOA_N
ClientSampleId :
230510034-01-TRIP-BLANK



Tgt Ion:128 Resp: 12478
Ion Ratio Lower Upper
128 100
49 113.8 0.0 369.8
130 131.8 0.0 317.8

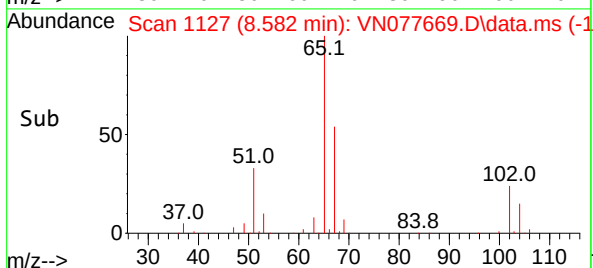
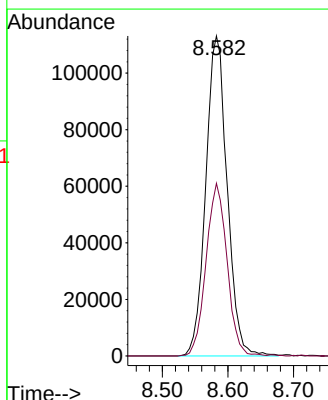
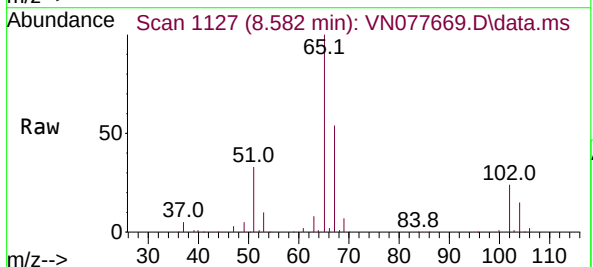
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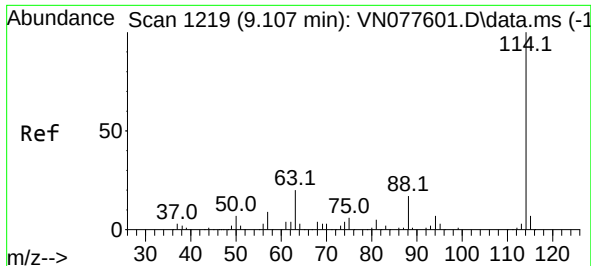
Reviewed By :John Carlone 05/15/2023
Supervised By :Mahesh Dadoda 05/15/2023



#27
1,2-Dichloroethane-d4
Concen: 28.525 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.004 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

Tgt Ion: 65 Resp: 255971
Ion Ratio Lower Upper
65 100
67 52.7 41.3 61.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1219

Delta R.T. -0.001 min

Lab File: VN077669.D

Acq: 12 May 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

230510034-01-TRIP-BLANK

Tgt Ion:114 Resp: 711390

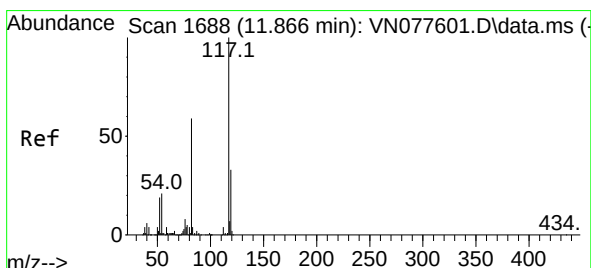
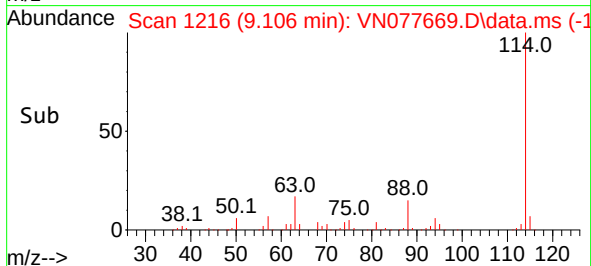
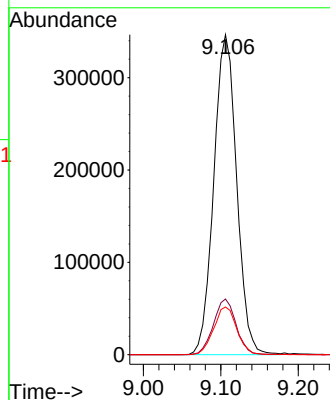
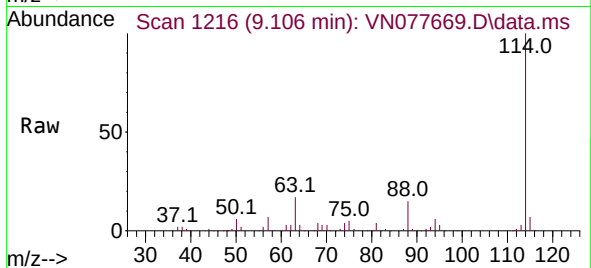
Ion	Ratio	Lower	Upper
114	100		
63	17.2	15.8	23.6
88	15.1	13.0	19.4

Manual Integrations

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.870 min Scan# 1686

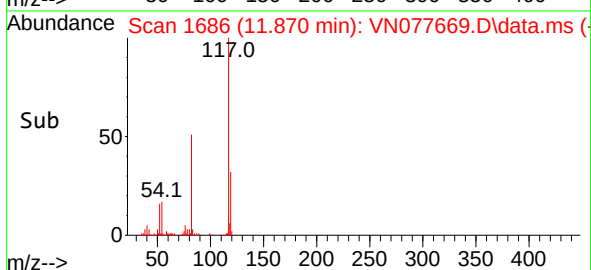
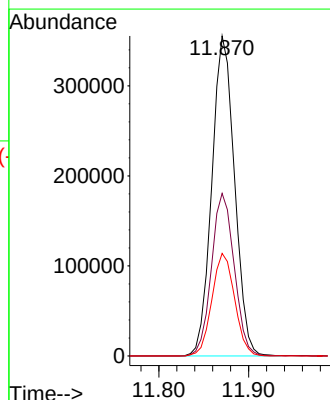
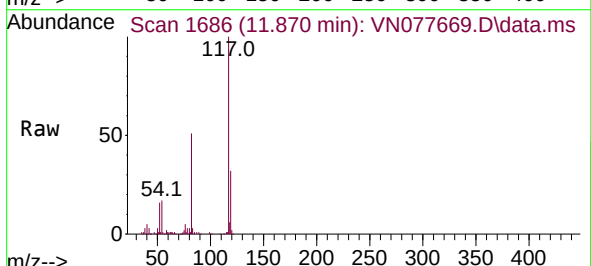
Delta R.T. 0.004 min

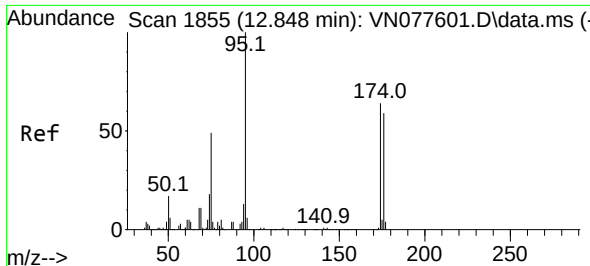
Lab File: VN077669.D

Acq: 12 May 2023 13:12

Tgt Ion:117 Resp: 625527

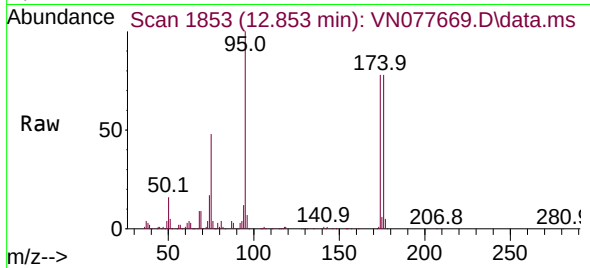
Ion	Ratio	Lower	Upper
117	100		
82	50.8	47.4	71.2
119	32.0	26.6	39.8





#60
4-Bromofluorobenzene
Concen: 25.385 ug/l m
RT: 12.853 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

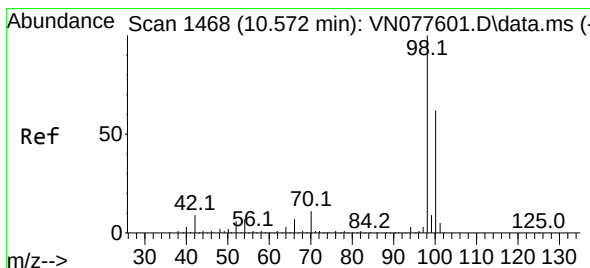
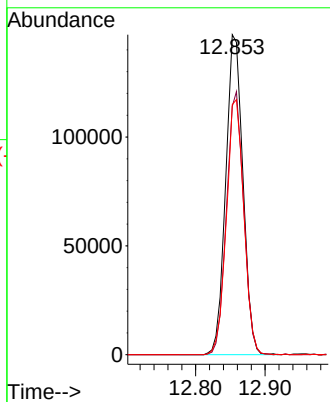
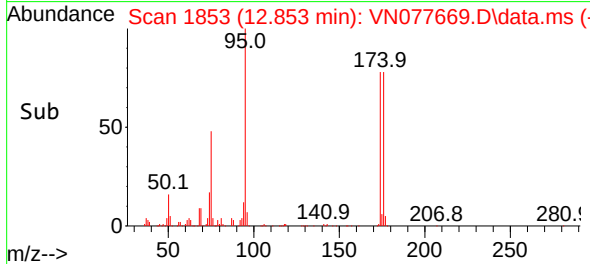
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Tgt Ion: 95 Resp: 252483
Ion Ratio Lower Upper
95 100
174 0.2 53.4 80.0
176 0.2 50.0 75.0

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Supervised By :Mahesh Dadoda 05/15/2023



#63
Toluene-d8
Concen: 29.336 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077669.D
Acq: 12 May 2023 13:12

Tgt Ion: 98 Resp: 847559
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

