

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076605.D
 Acq On : 10 Feb 2023 13:21
 Operator : JC\MD
 Sample : 01375-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE

Quant Time: Feb 11 00:55:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:40:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/13/2023
 Supervised By : Mahesh Dadoda 02/13/2023

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

Internal Standards						
1) Bromochloromethane	7.822	128	29594	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.110	114	191805	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.869	117	204620	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.586	65	101960	29.232	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.433%
60) 4-Bromofluorobenzene	12.851	95	111127	24.056	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.200%
63) Toluene-d8	10.569	98	218900	29.135	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.133%

Target Compounds	Qvalue

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

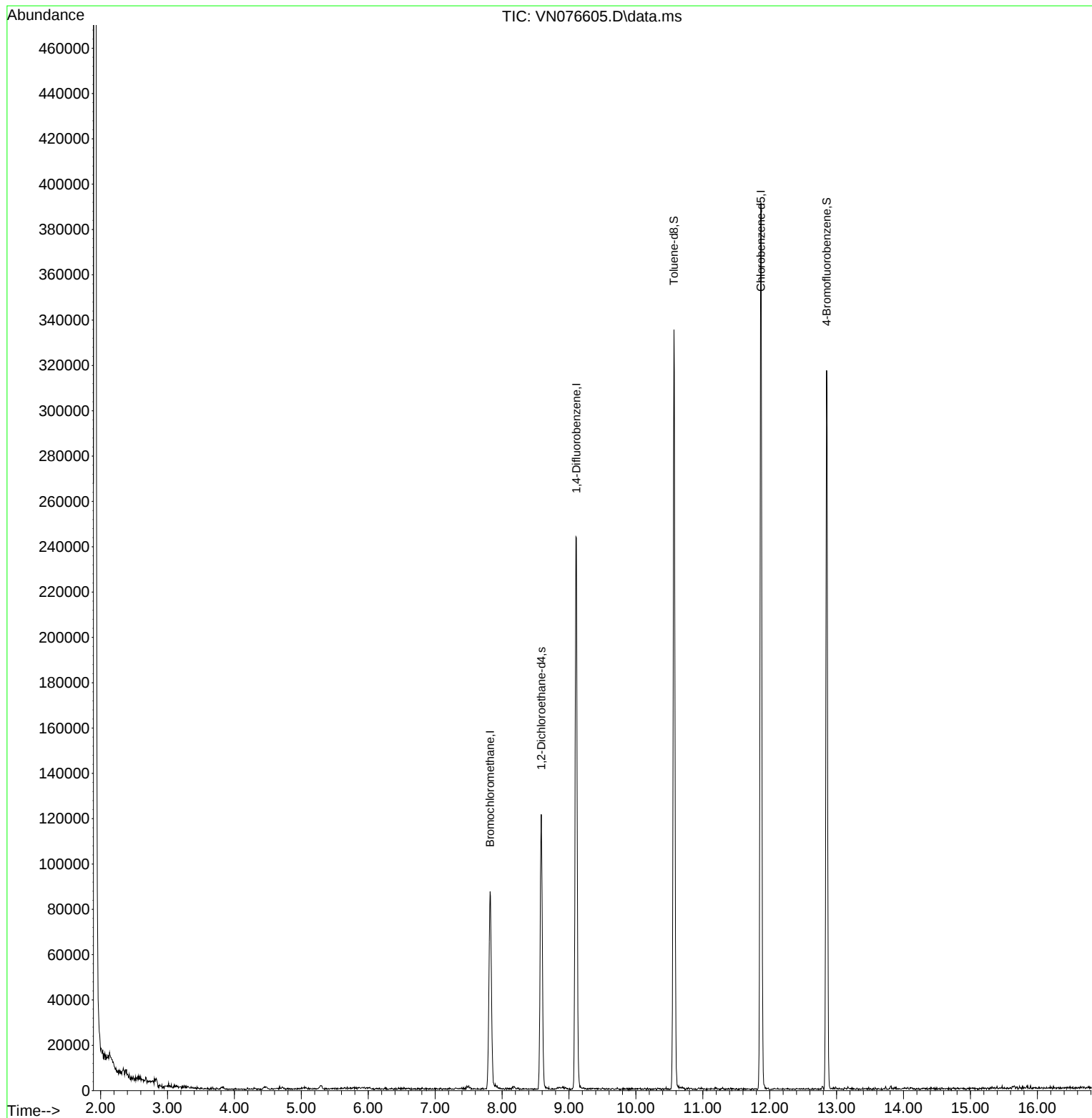
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
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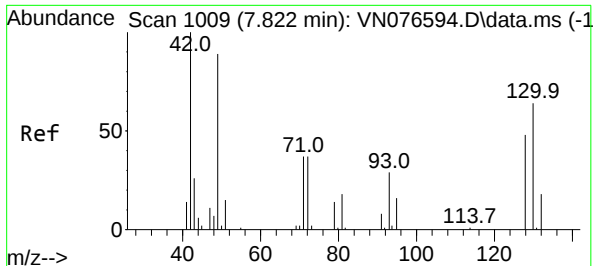
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

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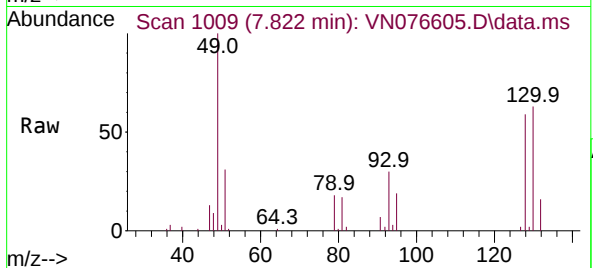
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.822 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN076605.D
Acq: 10 Feb 2023 13:21

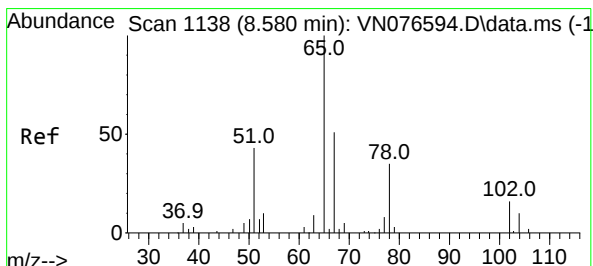
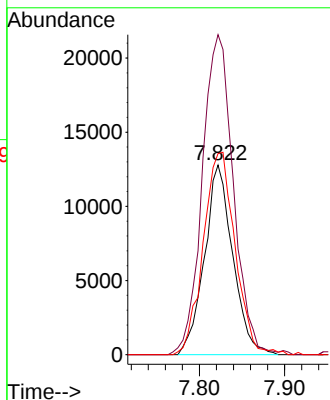
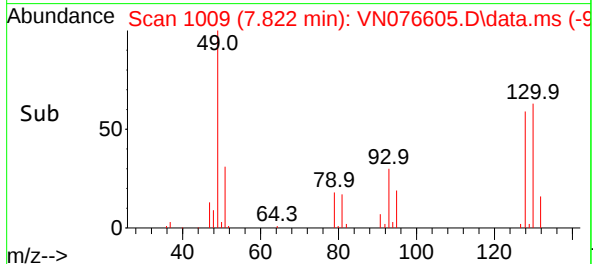
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE



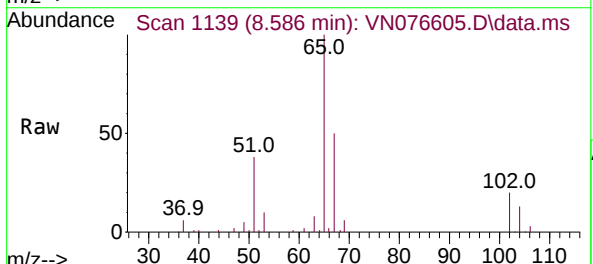
Tgt Ion:128 Resp: 29594
Ion Ratio Lower Upper
128 100
49 184.7 0.0 492.0
130 119.1 0.0 313.3

Manual Integrations
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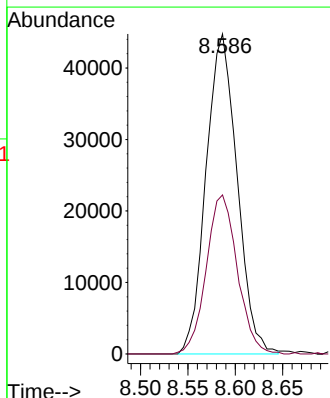
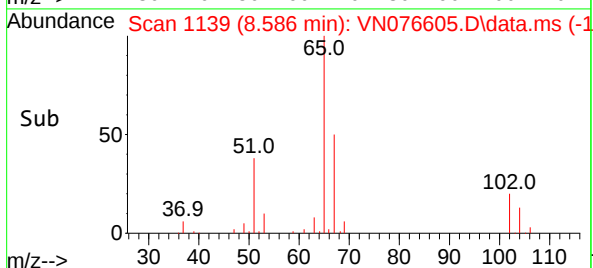
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

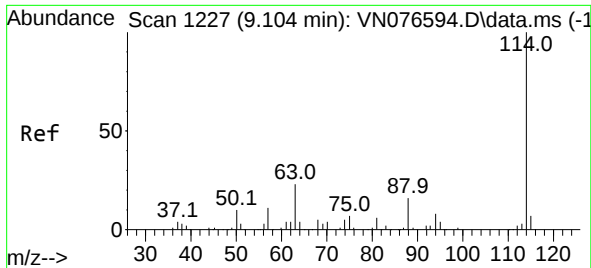


#27
1,2-Dichloroethane-d4
Concen: 29.232 ug/l
RT: 8.586 min Scan# 1139
Delta R.T. -0.002 min
Lab File: VN076605.D
Acq: 10 Feb 2023 13:21



Tgt Ion: 65 Resp: 101960
Ion Ratio Lower Upper
65 100
67 49.7 45.2 67.8





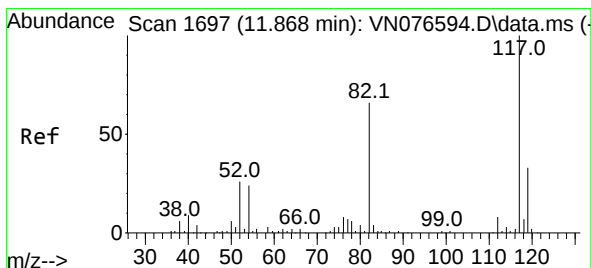
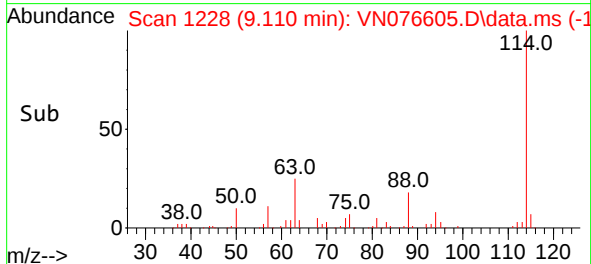
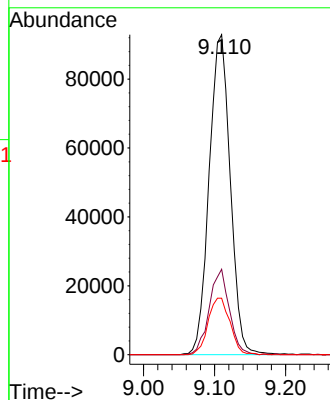
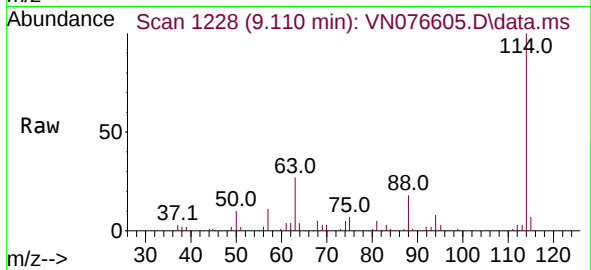
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.110 min Scan# 1228
Delta R.T. 0.004 min
Lab File: VN076605.D
Acq: 10 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

Tgt Ion:114 Resp: 191805
Ion Ratio Lower Upper
114 100
63 25.4 16.6 25.0
88 18.2 12.2 18.4

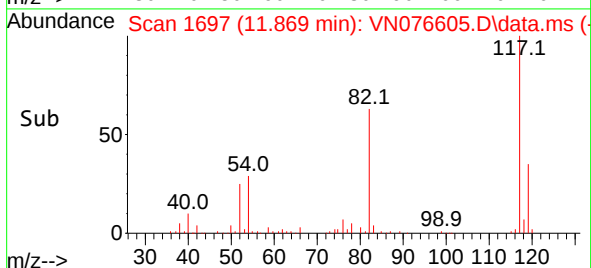
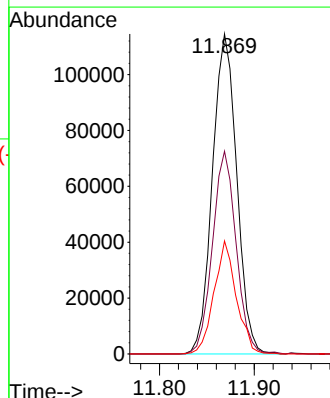
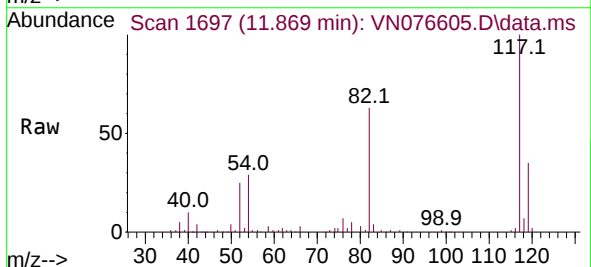
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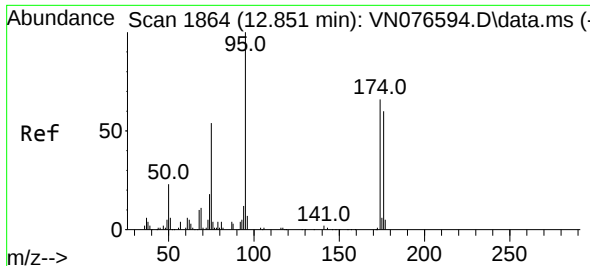
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.869 min Scan# 1697
Delta R.T. -0.002 min
Lab File: VN076605.D
Acq: 10 Feb 2023 13:21

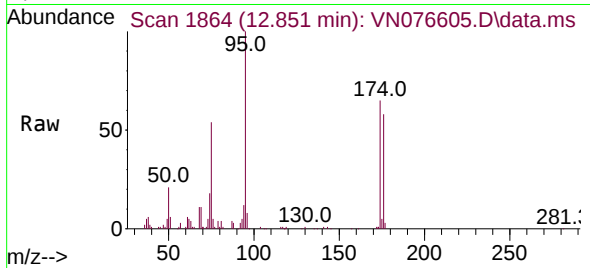
Tgt Ion:117 Resp: 204620
Ion Ratio Lower Upper
117 100
82 61.6 44.6 67.0
119 32.5 25.6 38.4





#60
4-Bromofluorobenzene
Concen: 24.056 ug/l
RT: 12.851 min Scan# 11112
Delta R.T. -0.002 min
Lab File: VN076605.D
Acq: 10 Feb 2023 13:21

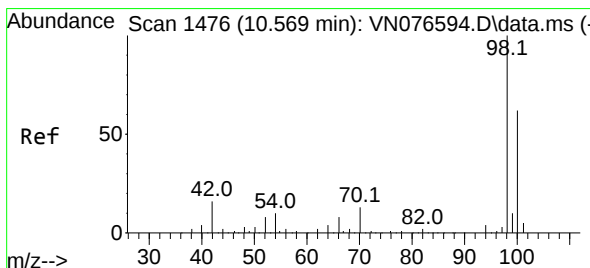
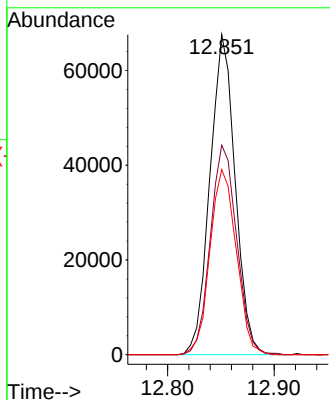
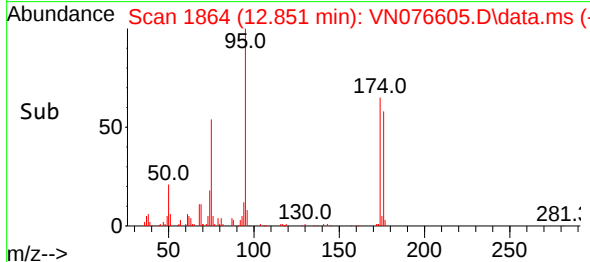
Instrument :
MSVOA_N
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MANHOLE



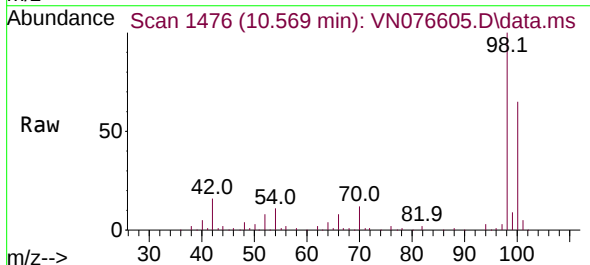
Tgt Ion: 95 Resp: 11112
Ion Ratio Lower Upper
95 100
174 68.3 57.8 86.8
176 60.6 57.0 85.4

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Supervised By :Mahesh Dadoda 02/13/2023



#63
Toluene-d8
Concen: 29.135 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076605.D
Acq: 10 Feb 2023 13:21



Tgt Ion: 98 Resp: 218900
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

