

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076608.D
 Acq On : 10 Feb 2023 14:44
 Operator : JC\MD
 Sample : 01457-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Manual Integrations
 APPROVED

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

Quant Time: Feb 11 00:56:37 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

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

Internal Standards						
1) Bromochloromethane	7.828	128	25547	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.110	114	168864	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.868	117	181075	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.586	65	90100	29.923	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.733%	
60) 4-Bromofluorobenzene	12.851	95	93816	22.949	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	76.500%	
63) Toluene-d8	10.569	98	188035	28.282	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	94.267%	
Target Compounds						
25) Chloroform	7.975	83	64217	9.484	ug/l	95
41) Bromodichloromethane	9.892	83	7685m	1.733	ug/l	

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

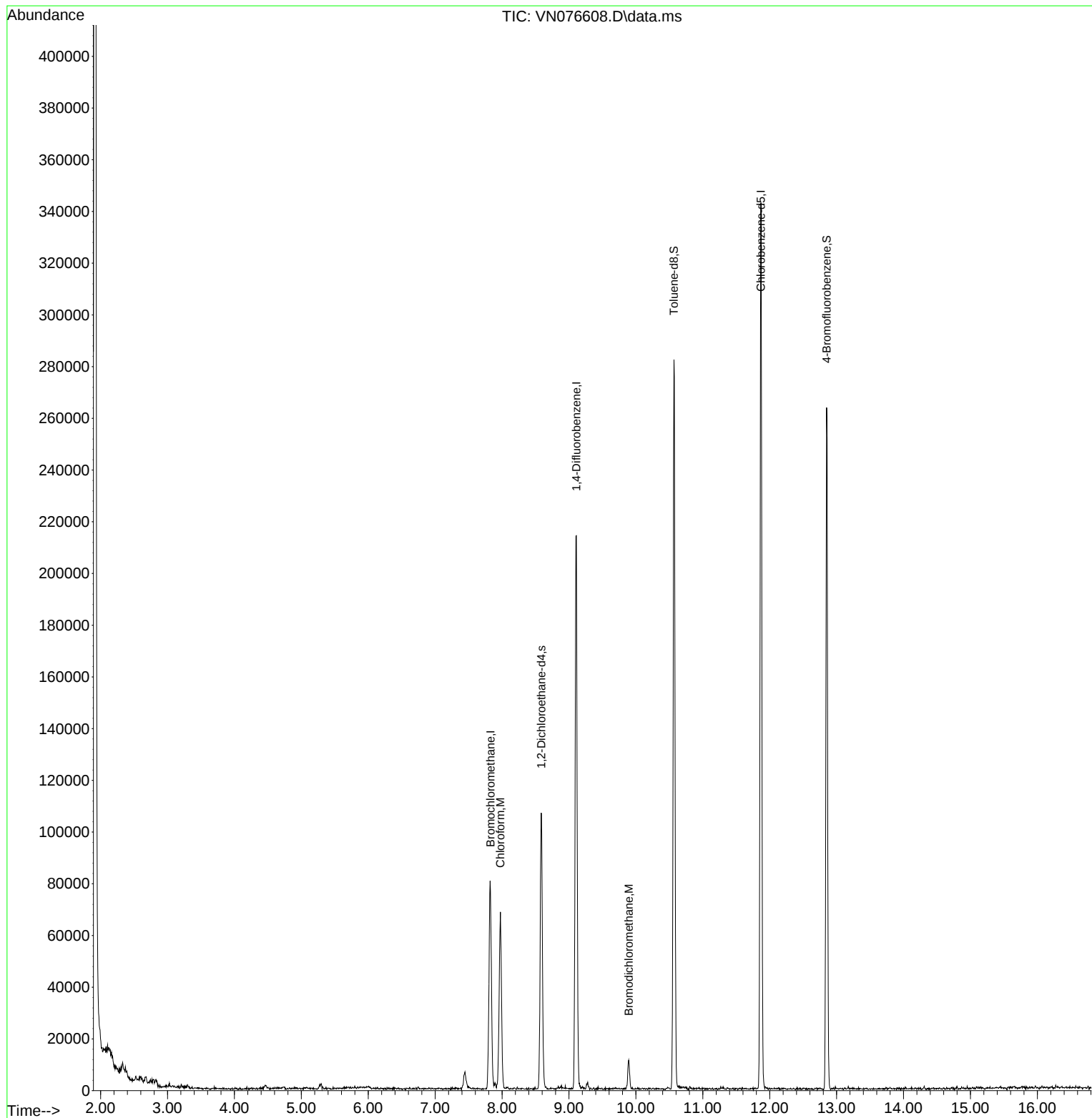
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
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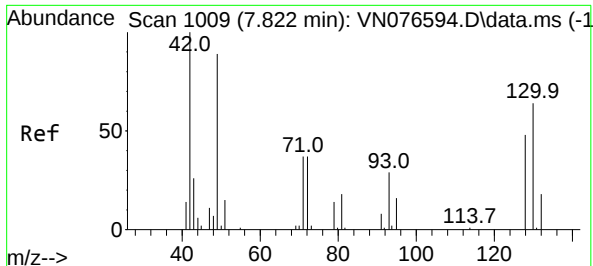
Instrument :
MSVOA_N
ClientSampleId :
14B-3

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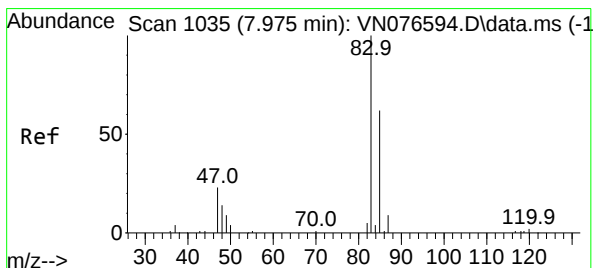
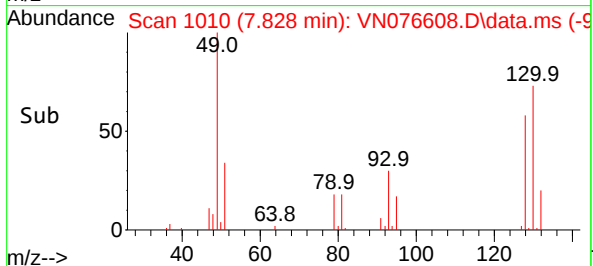
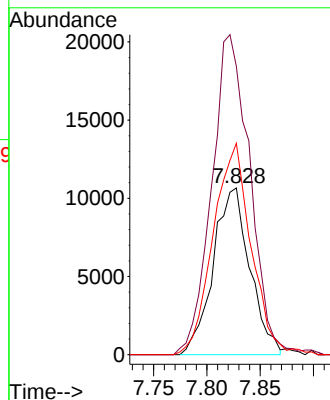
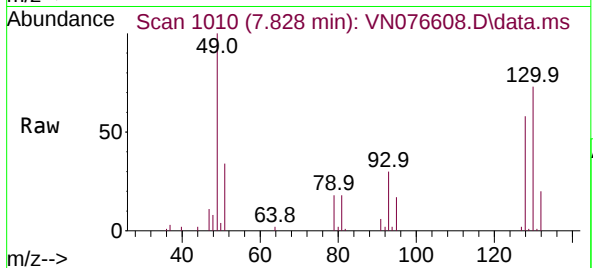
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.828 min Scan# 1010
Delta R.T. -0.002 min
Lab File: VN076608.D
Acq: 10 Feb 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Tgt Ion:128 Resp: 2554
Ion Ratio Lower Upper
128 100
49 199.6 0.0 492.0
130 130.2 0.0 313.3

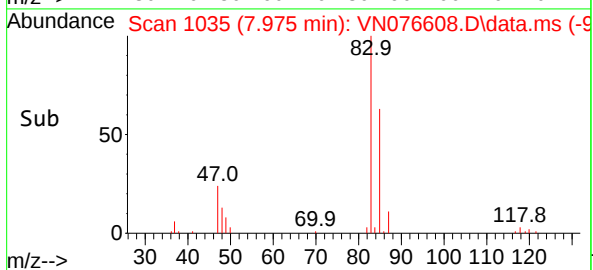
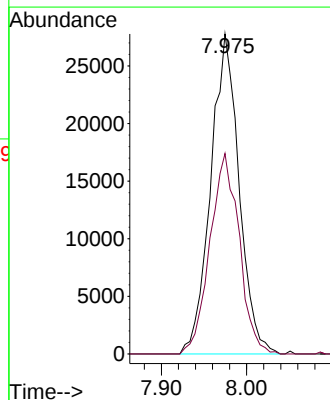
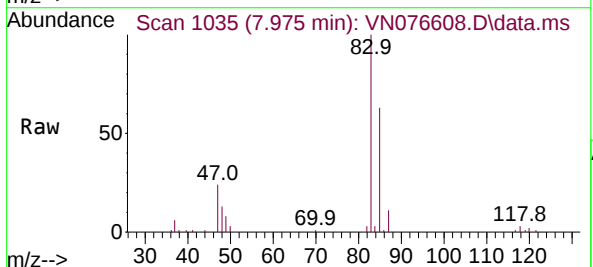
Manual Integrations
APPROVED

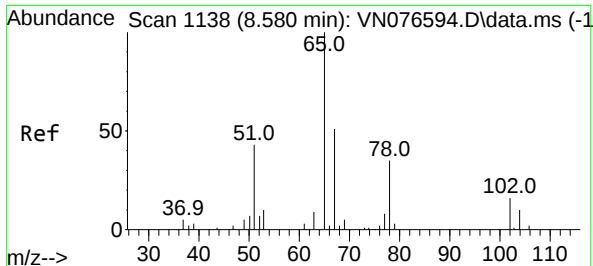
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#25
Chloroform
Concen: 9.484 ug/l
RT: 7.975 min Scan# 1035
Delta R.T. -0.002 min
Lab File: VN076608.D
Acq: 10 Feb 2023 14:44

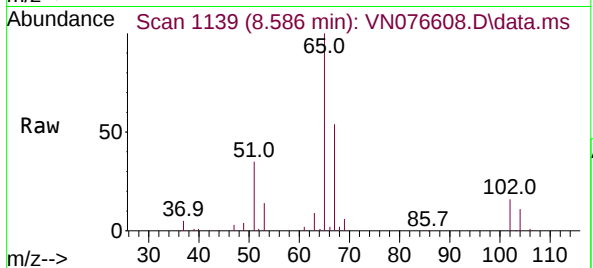
Tgt Ion: 83 Resp: 64217
Ion Ratio Lower Upper
83 100
85 62.6 53.6 80.4





#27
1,2-Dichloroethane-d4
Concen: 29.923 ug/l
RT: 8.586 min Scan# 1138
Delta R.T. -0.002 min
Lab File: VN076608.D
Acq: 10 Feb 2023 14:44

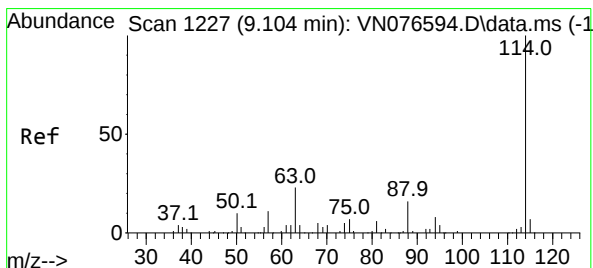
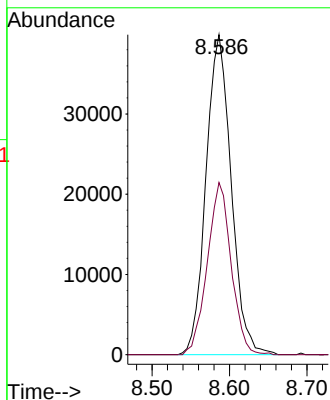
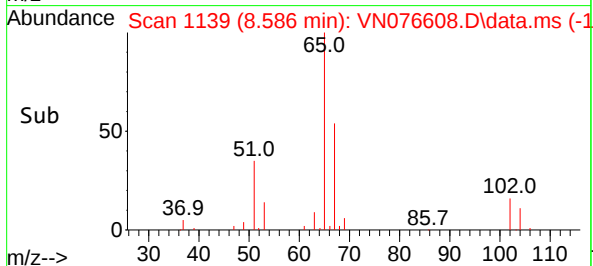
Instrument :
MSVOA_N
ClientSampleId :
14B-3



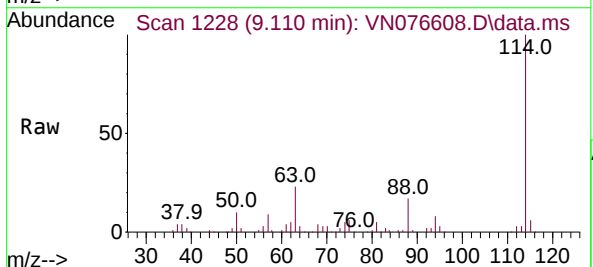
Tgt Ion: 65 Resp: 90100
Ion Ratio Lower Upper
65 100
67 51.0 45.2 67.8

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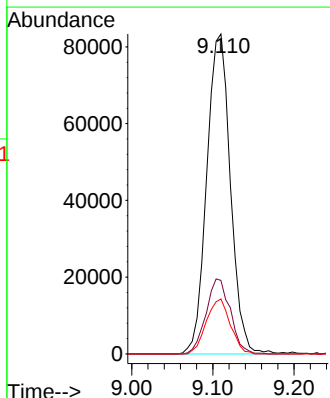
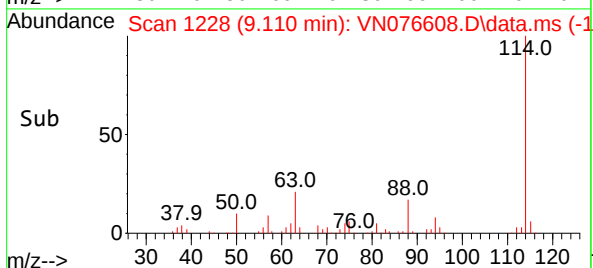
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

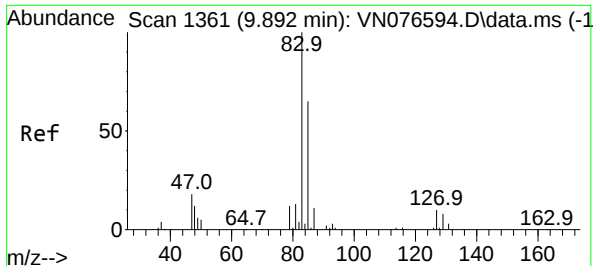


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.110 min Scan# 1228
Delta R.T. 0.004 min
Lab File: VN076608.D
Acq: 10 Feb 2023 14:44



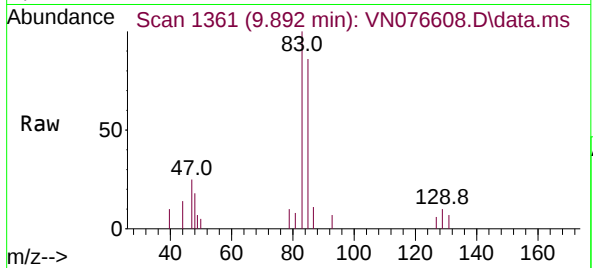
Tgt Ion:114 Resp: 168864
Ion Ratio Lower Upper
114 100
63 24.0 16.6 25.0
88 17.4 12.2 18.4





#41
Bromodichloromethane
Concen: 1.733 ug/l m
RT: 9.892 min Scan# 1361
Delta R.T. 0.004 min
Lab File: VN076608.D
Acq: 10 Feb 2023 14:44

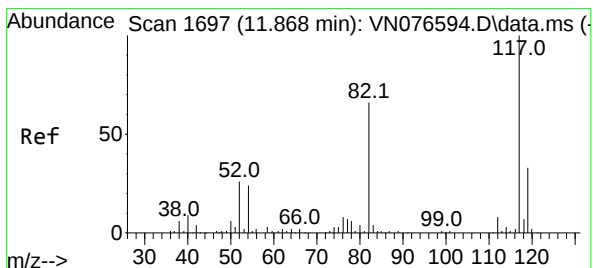
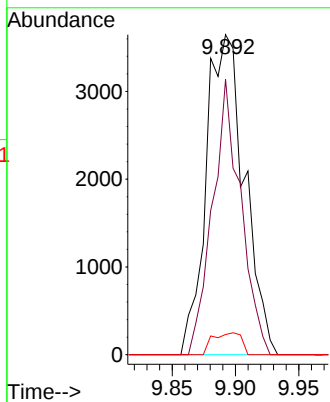
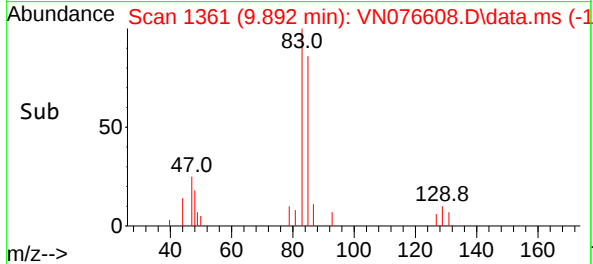
Instrument :
MSVOA_N
ClientSampleId :
14B-3



Tgt Ion: 83 Resp: 7685
Ion Ratio Lower Upper
83 100
85 86.1 50.2 75.4
127 6.3 5.1 7.7

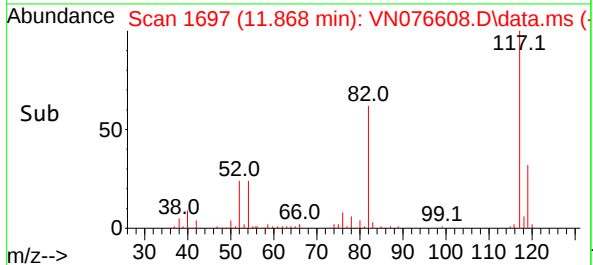
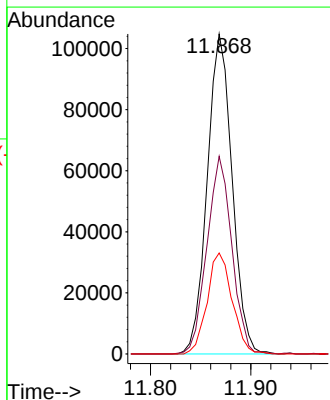
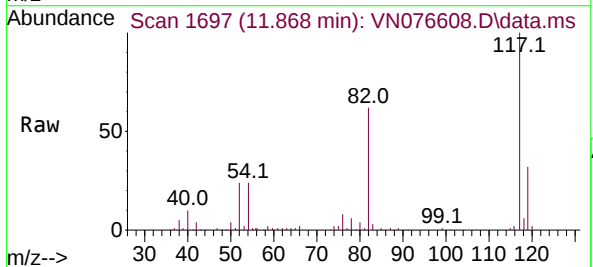
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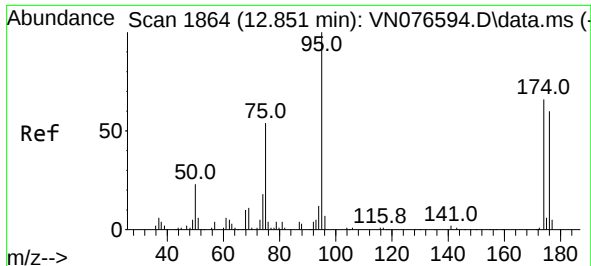
Reviewed By :John Carlone 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.868 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VN076608.D
Acq: 10 Feb 2023 14:44

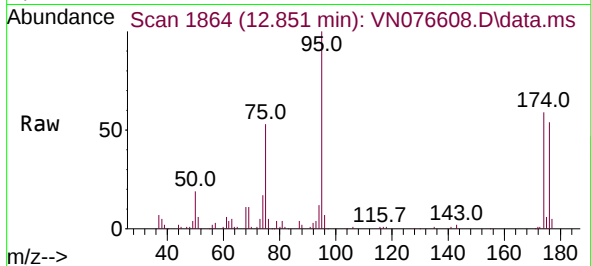
Tgt Ion:117 Resp: 181075
Ion Ratio Lower Upper
117 100
82 61.6 44.6 67.0
119 31.7 25.6 38.4





#60
4-Bromofluorobenzene
Concen: 22.949 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076608.D
Acq: 10 Feb 2023 14:44

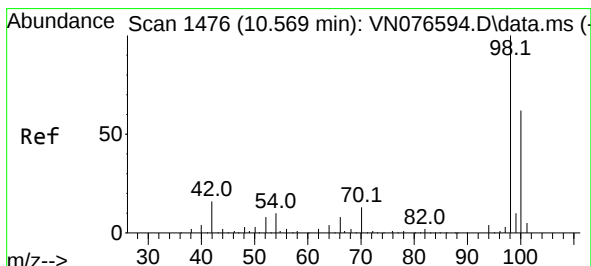
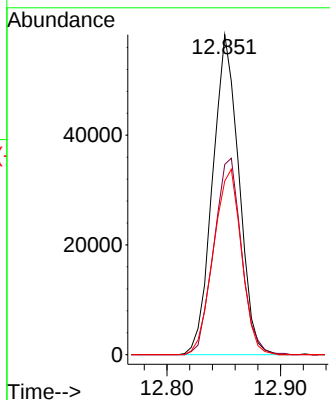
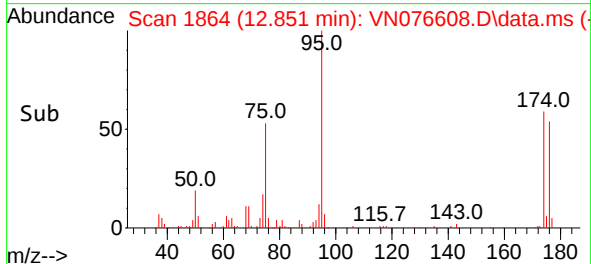
Instrument :
MSVOA_N
ClientSampleId :
14B-3



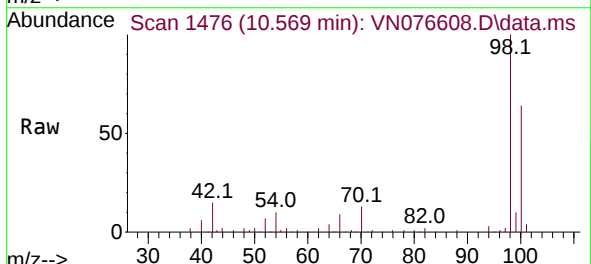
Tgt Ion: 95 Resp: 93810
Ion Ratio Lower Upper
95 100
174 64.6 57.8 86.8
176 61.8 57.0 85.4

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



#63
Toluene-d8
Concen: 28.282 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076608.D
Acq: 10 Feb 2023 14:44



Tgt Ion: 98 Resp: 188035
Ion Ratio Lower Upper
98 100
100 64.0 52.7 79.1

