

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078821.D
 Acq On : 09 Aug 2023 15:32
 Operator : JC\MD
 Sample : 03937-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MANHOLE

Quant Time: Aug 10 05:30:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2023
 Supervised By : Mahesh Dadoda 08/10/2023

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

Internal Standards						
1) Bromochloromethane	7.830	128	29048	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	152082	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	124344	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	71569	30.603	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.000%			
60) 4-Bromofluorobenzene	12.859	95	39788	22.796	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 76.000%			
63) Toluene-d8	10.576	98	188526	30.940	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.133%			
Target Compounds						
15) Acetone	4.477	58	1770m	7.415	ug/l	Qvalue
25) Chloroform	7.971	83	8411	2.340	ug/l	94
41) Bromodichloromethane	9.894	83	3027m	1.134	ug/l	
53) Dibromochloromethane	11.365	129	1102m	0.587	ug/l	

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

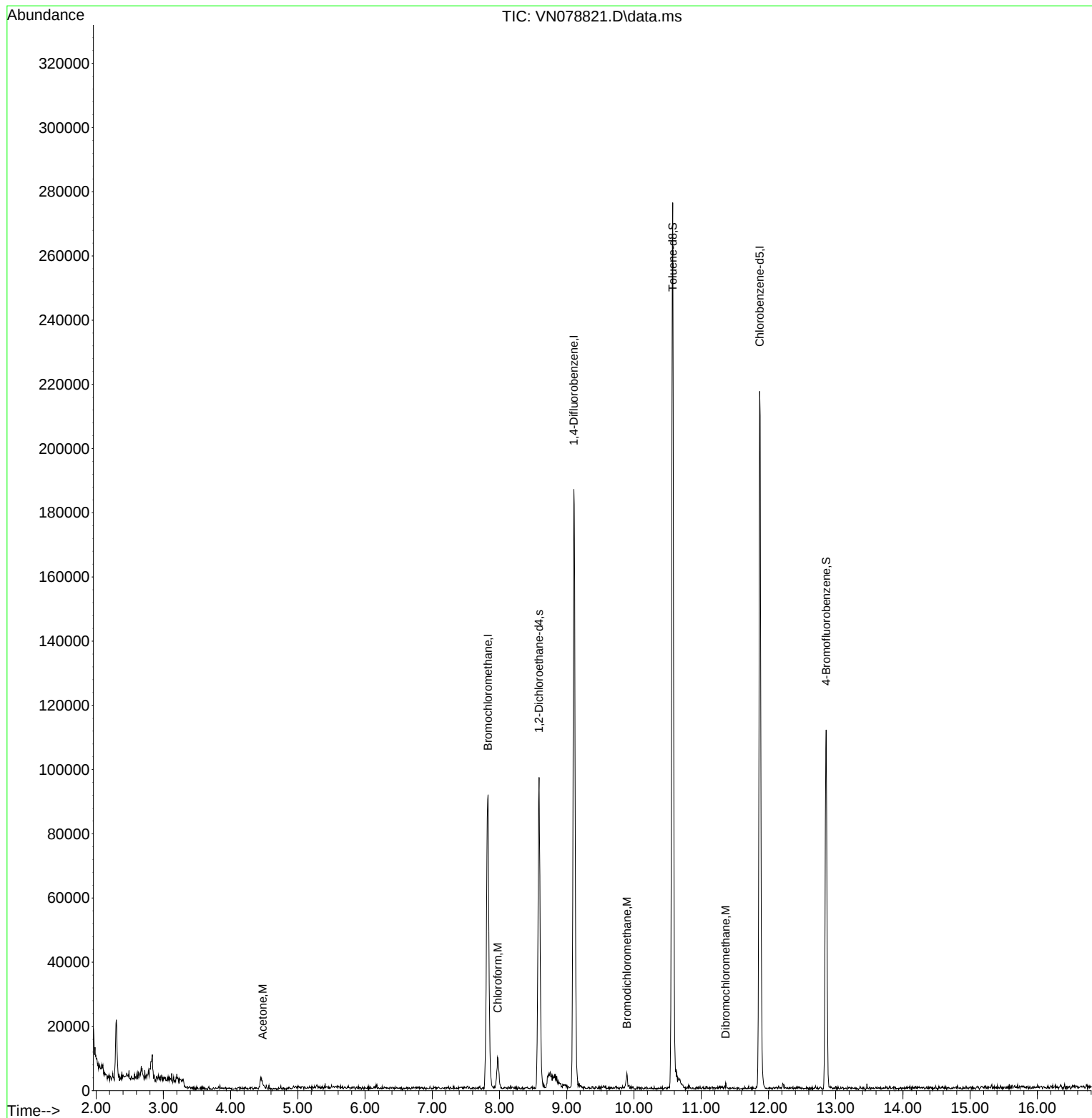
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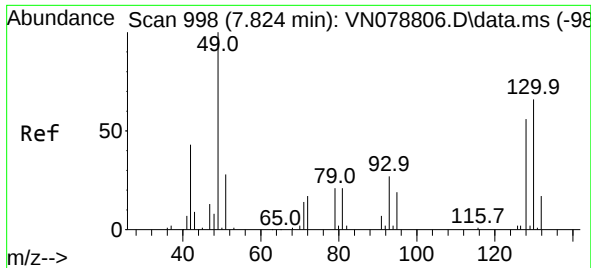
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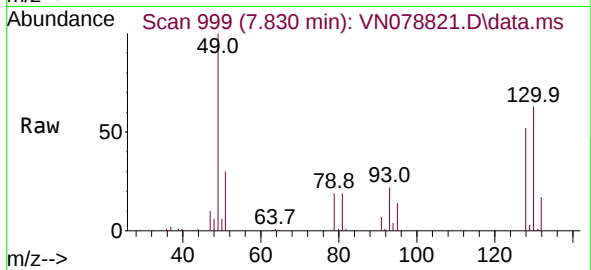
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32

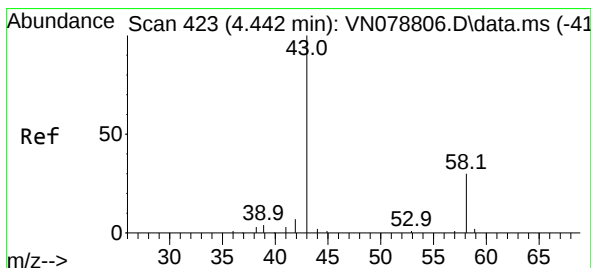
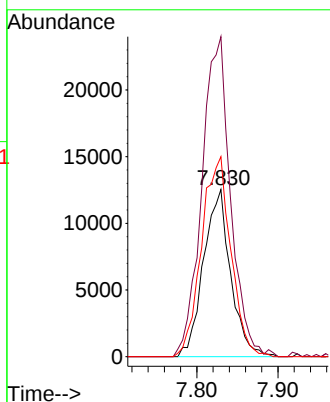
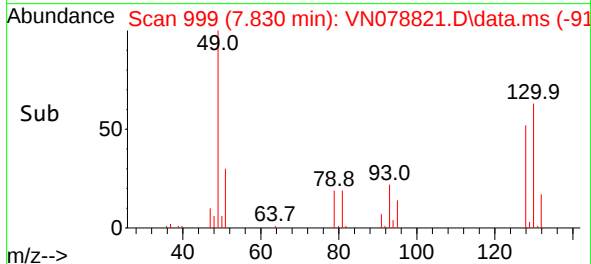
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE



Tgt Ion:128 Resp: 2904
Ion Ratio Lower Upper
128 100
49 202.0 0.0 370.8
130 129.6 0.0 307.0

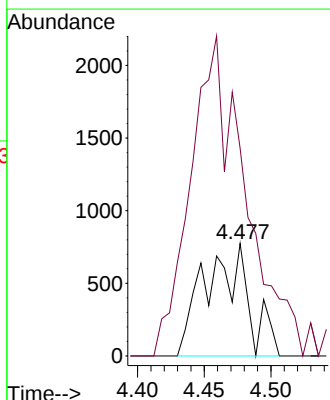
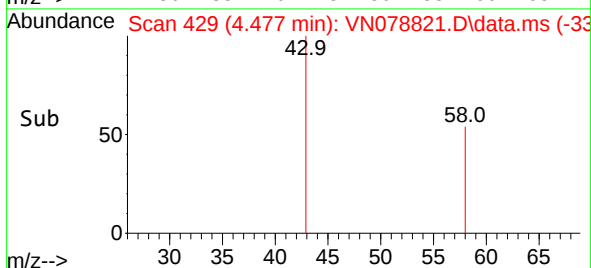
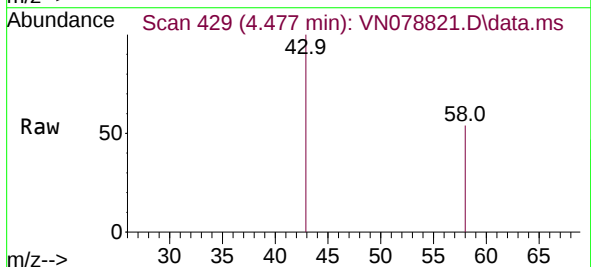
Manual Integrations
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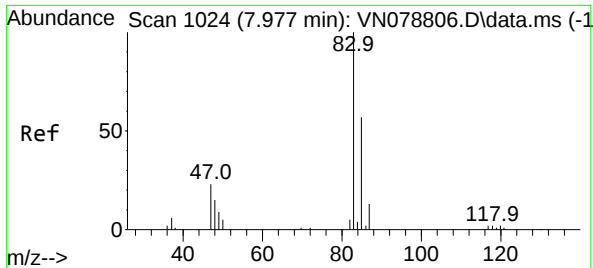
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#15
Acetone
Concen: 7.415 ug/l m
RT: 4.477 min Scan# 429
Delta R.T. 0.035 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32

Tgt Ion: 58 Resp: 1770
Ion Ratio Lower Upper
58 100
43 184.8 227.5 341.3#





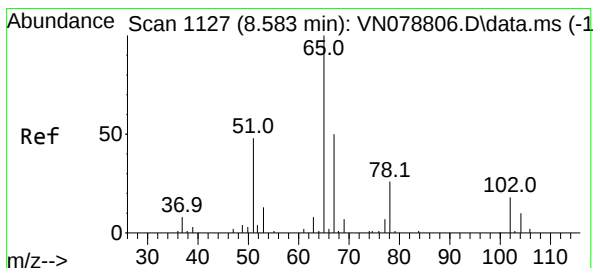
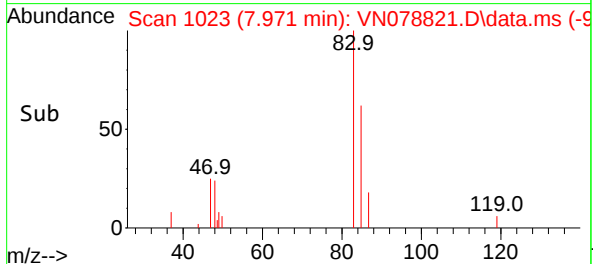
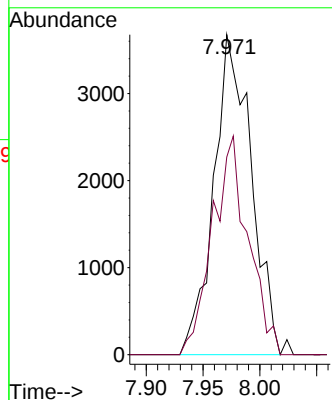
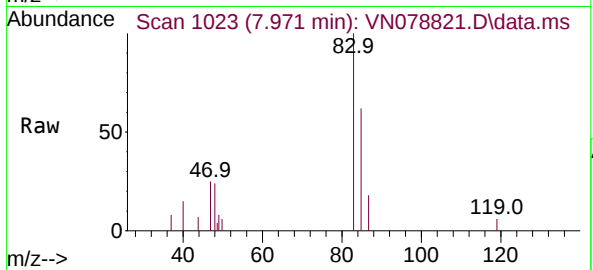
#25
Chloroform
Concen: 2.340 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32

Instrument :
MSVOA_N
ClientSampleId :
MANHOLE

Tgt Ion: 83 Resp: 841
Ion Ratio Lower Upper
83 100
85 61.8 53.4 80.0

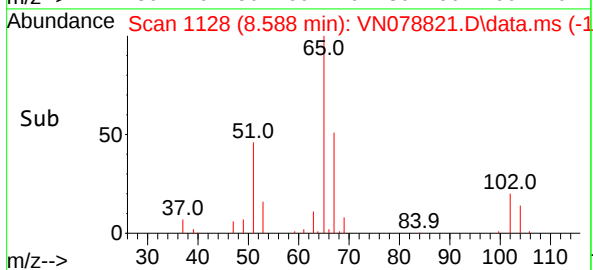
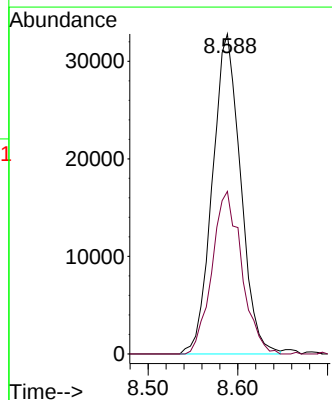
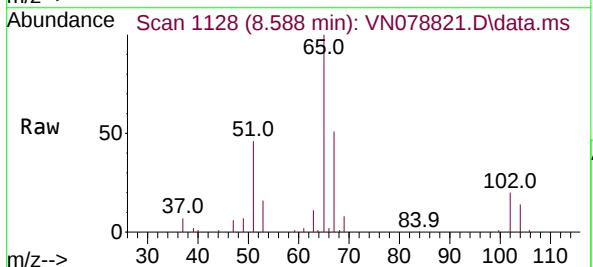
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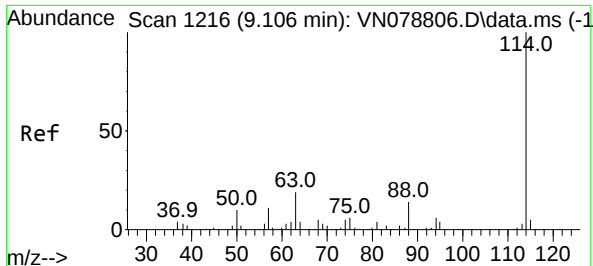
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#27
1,2-Dichloroethane-d4
Concen: 30.603 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32

Tgt Ion: 65 Resp: 71569
Ion Ratio Lower Upper
65 100
67 53.3 42.9 64.3





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32

Instrument :

MSVOA_N

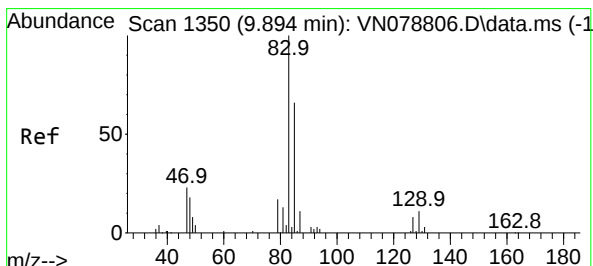
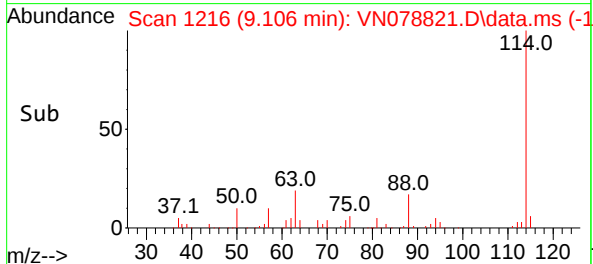
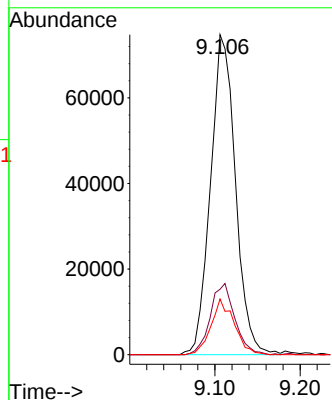
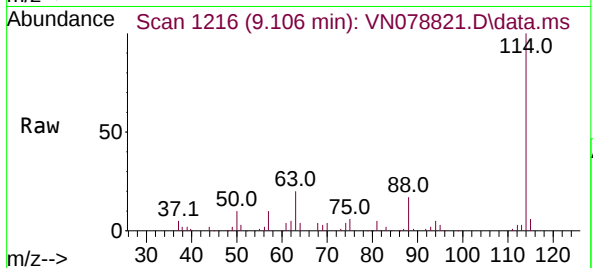
ClientSampleId :

MANHOLE

Tgt Ion:114 Resp: 15208
Ion Ratio Lower Upper
114 100
63 21.9 15.2 22.8
88 16.2 12.5 18.7

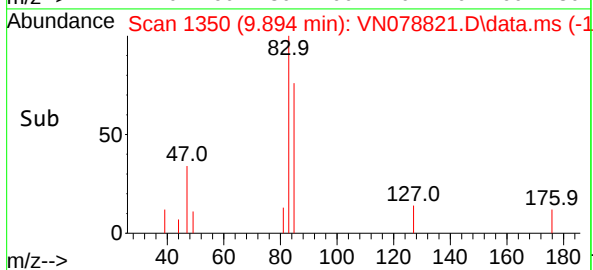
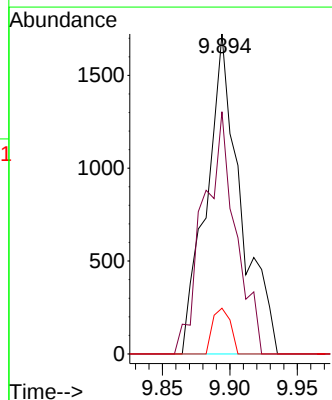
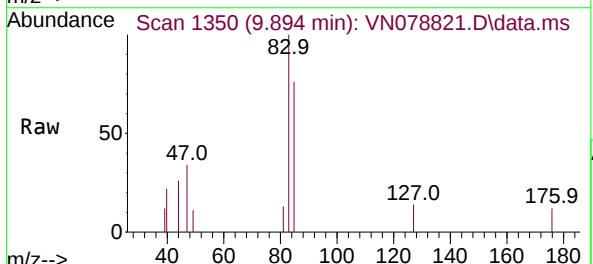
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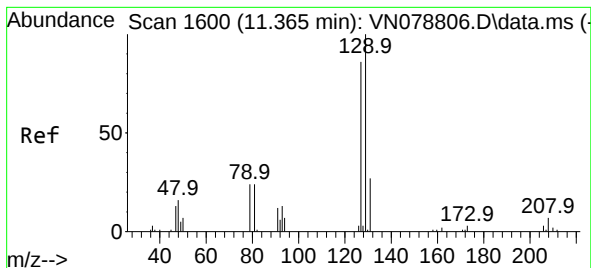
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#41
Bromodichloromethane
Concen: 1.134 ug/l m
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32

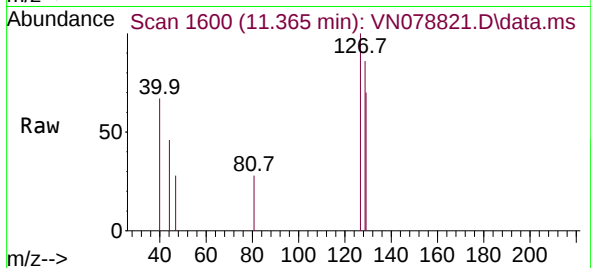
Tgt Ion: 83 Resp: 3027
Ion Ratio Lower Upper
83 100
85 75.7 54.1 81.1
127 14.3 7.8 11.6#





#53
Dibromochloromethane
Concen: 0.587 ug/l m
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32

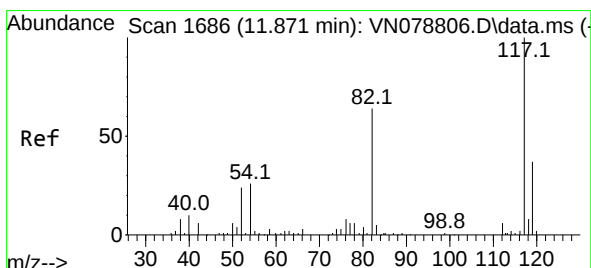
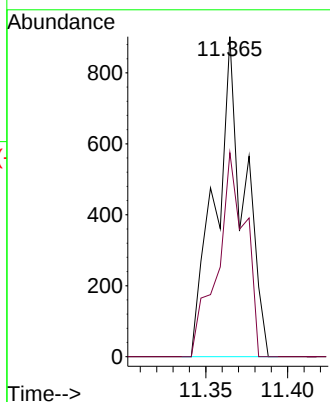
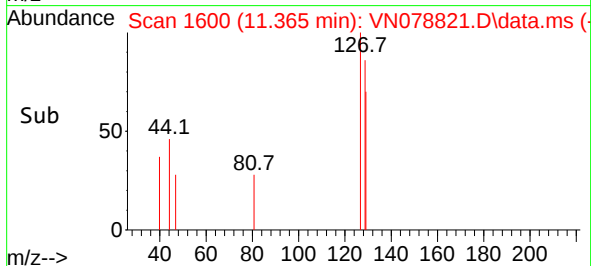
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE



Tgt Ion:129 Resp: 1102
Ion Ratio Lower Upper
129 100
127 61.4 39.4 118.1

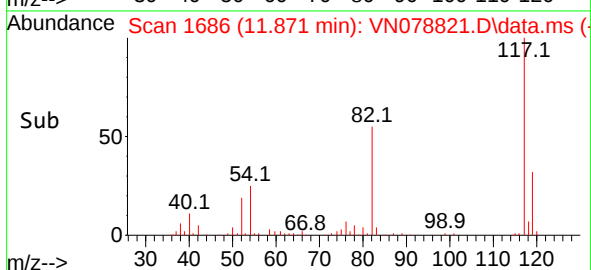
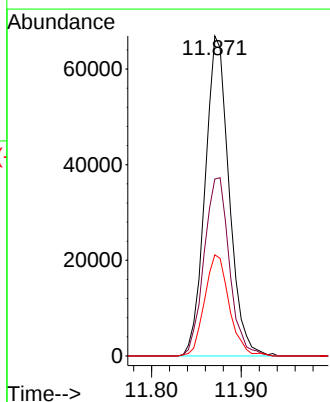
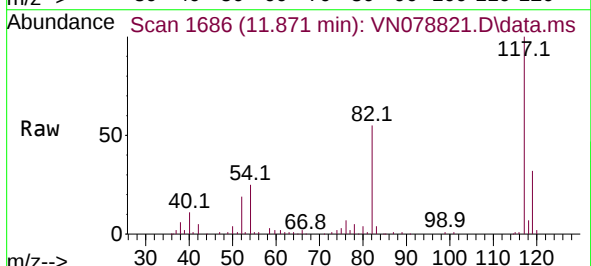
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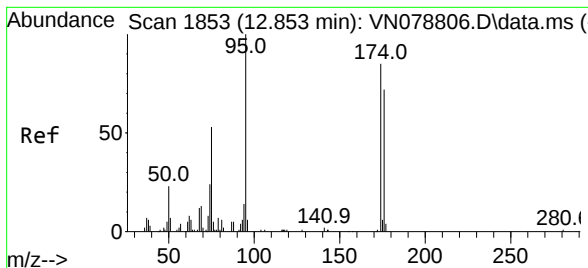
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32

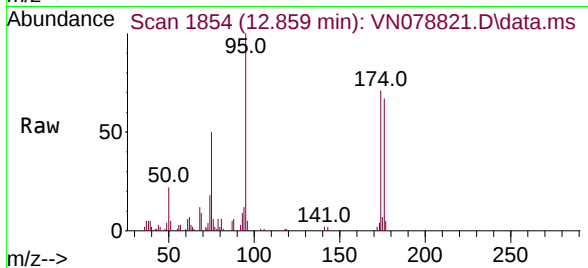
Tgt Ion:117 Resp: 124344
Ion Ratio Lower Upper
117 100
82 58.8 43.9 65.9
119 32.0 26.2 39.4





#60
4-Bromofluorobenzene
Concen: 22.796 ug/l
RT: 12.859 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32

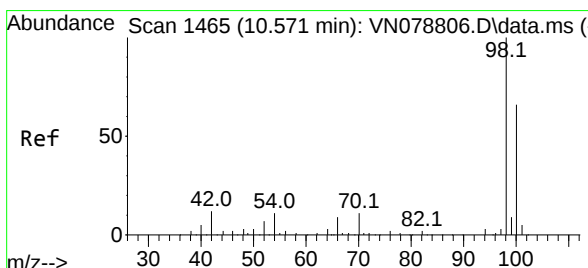
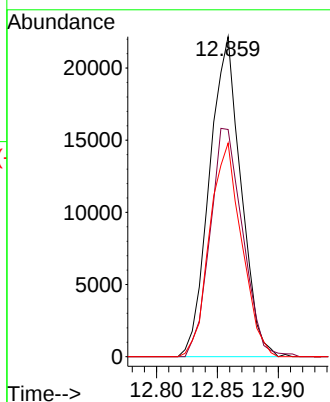
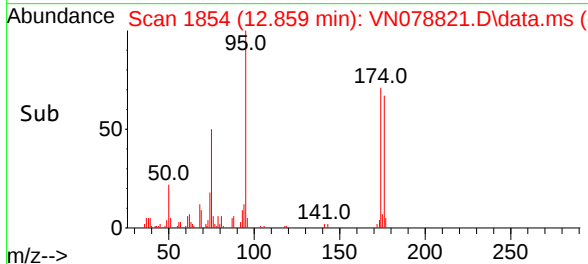
Instrument :
MSVOA_N
ClientSampleId :
MANHOLE



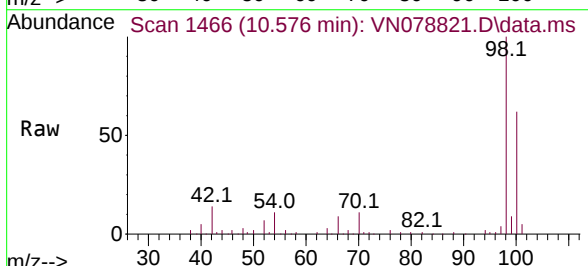
Tgt Ion: 95 Resp: 39788
Ion Ratio Lower Upper
95 100
174 73.8 61.7 92.5
176 67.8 58.1 87.1

Manual Integrations
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Reviewed By :John Carlone 08/10/2023
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#63
Toluene-d8
Concen: 30.940 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078821.D
Acq: 09 Aug 2023 15:32



Tgt Ion: 98 Resp: 188526
Ion Ratio Lower Upper
98 100
100 62.0 49.7 74.5

