

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081123\
 Data File : VN078870.D
 Acq On : 11 Aug 2023 18:04
 Operator : JC\MD
 Sample : 03992-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Aug 12 01:43:09 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 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

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

Internal Standards						
1) Bromochloromethane	7.824	128	26997	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	9.112	114	144093	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.871	117	125445	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	68112	31.338	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.467%
60) 4-Bromofluorobenzene	12.853	95	49254	27.972	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.233%
63) Toluene-d8	10.571	98	178518	29.041	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.800%
Target Compounds						
15) Acetone	4.436	58	64844	292.272	ug/l	Qvalue 84
25) Chloroform	7.983	83	8985m	2.690	ug/l	
62) Toluene	10.641	91	1991	0.270	ug/l	# 84

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

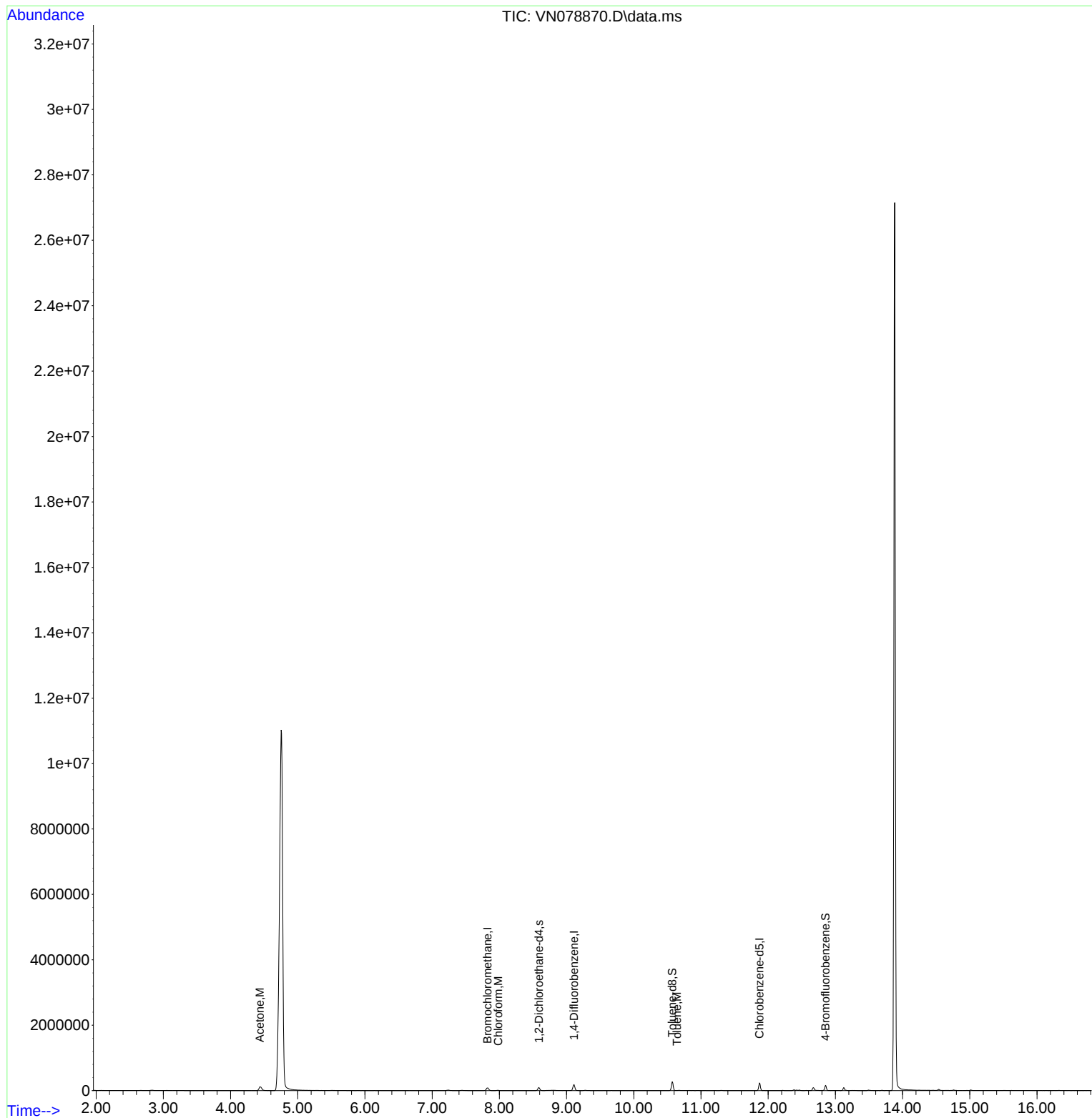
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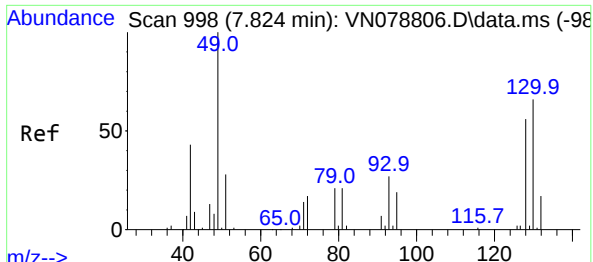
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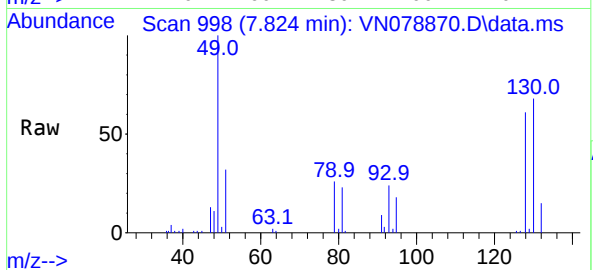
Reviewed By : John Carlone 08/14/2023
Supervised By : Mahesh Dadoda 08/15/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078870.D
Acq: 11 Aug 2023 18:04

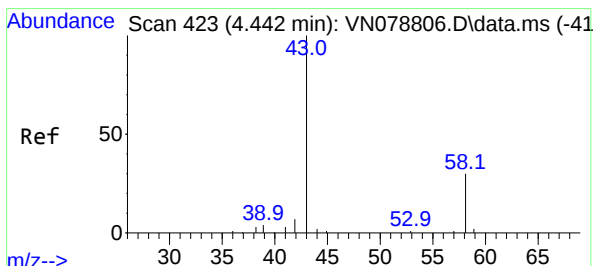
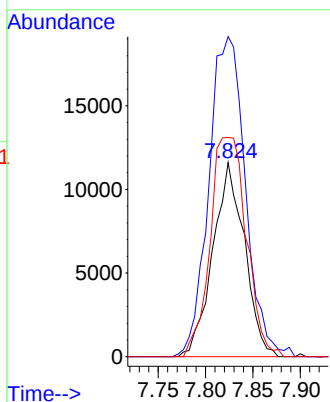
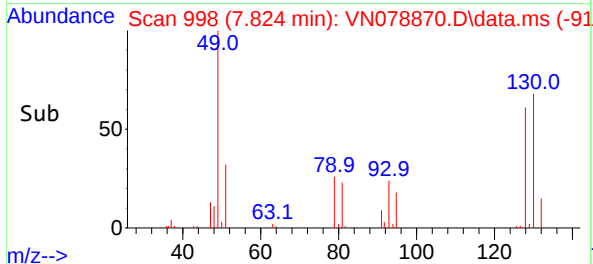
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion:128 Resp: 2699
Ion Ratio Lower Upper
128 100
49 189.6 0.0 370.8
130 0.0 0.0 307.0

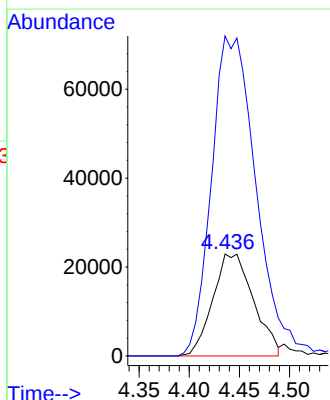
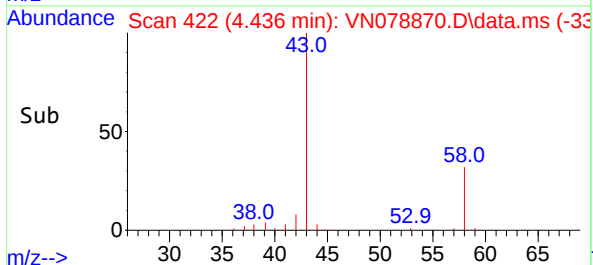
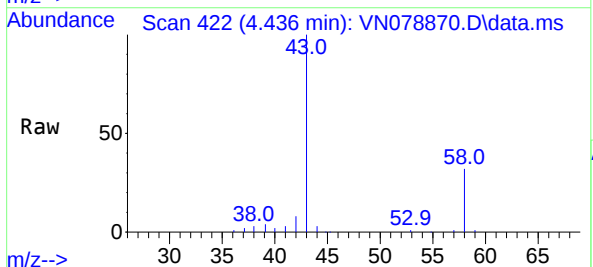
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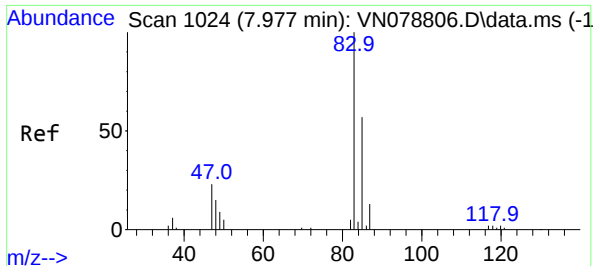
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#15
Acetone
Concen: 292.272 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078870.D
Acq: 11 Aug 2023 18:04

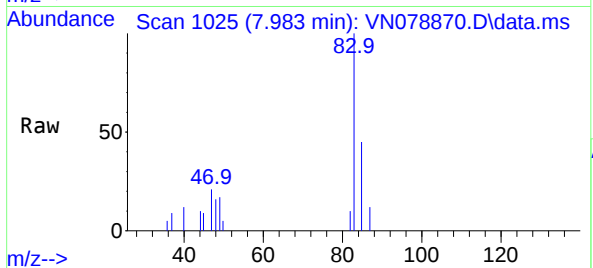
Tgt Ion: 58 Resp: 64844
Ion Ratio Lower Upper
58 100
43 314.0 227.5 341.3





#25
Chloroform
Concen: 2.690 ug/l m
RT: 7.983 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN078870.D
Acq: 11 Aug 2023 18:04

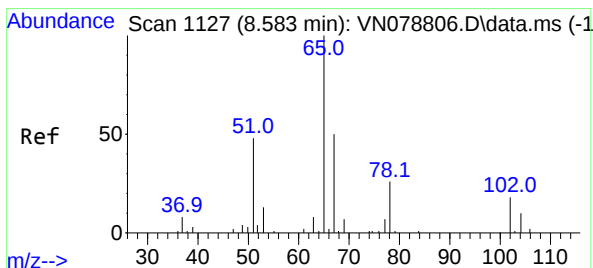
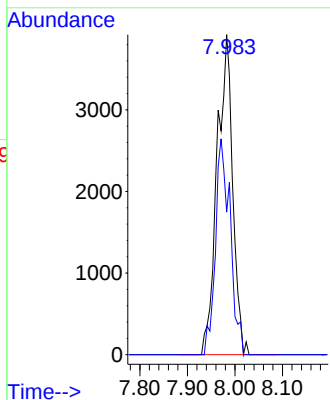
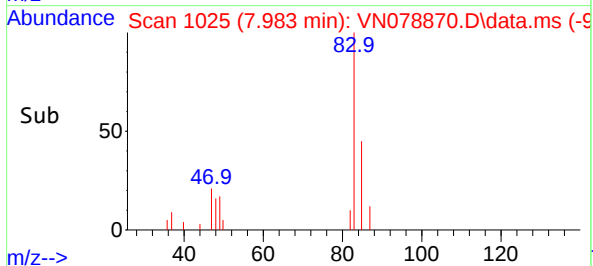
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



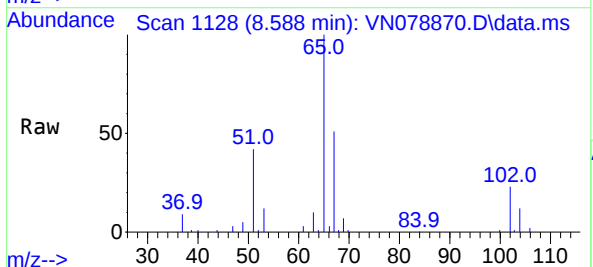
Tgt Ion: 83 Resp: 898
Ion Ratio Lower Upper
83 100
85 44.5 53.4 80.0

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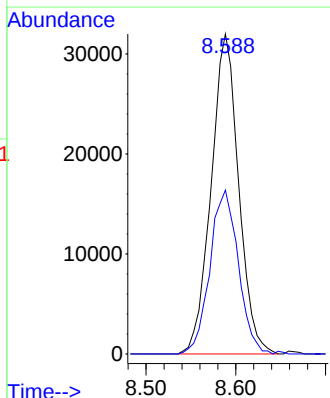
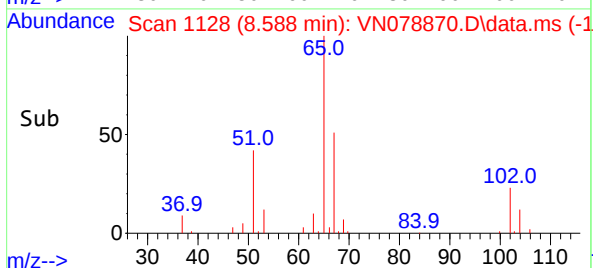
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

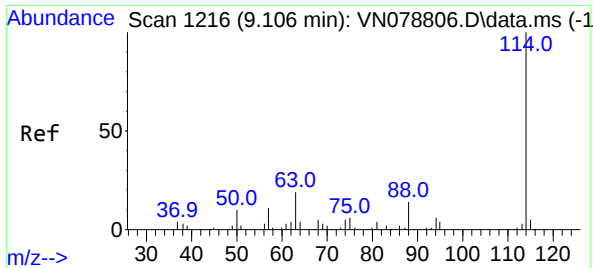


#27
1,2-Dichloroethane-d4
Concen: 31.338 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078870.D
Acq: 11 Aug 2023 18:04



Tgt Ion: 65 Resp: 68112
Ion Ratio Lower Upper
65 100
67 52.8 42.9 64.3





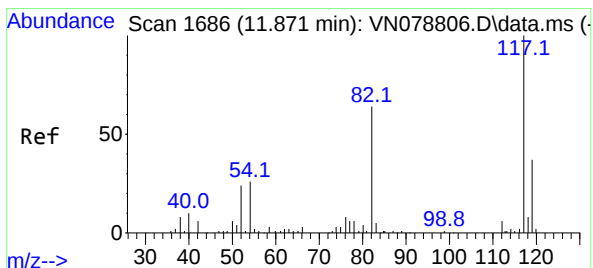
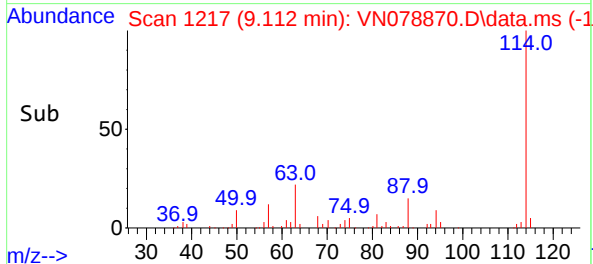
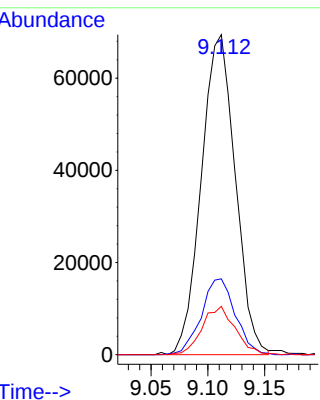
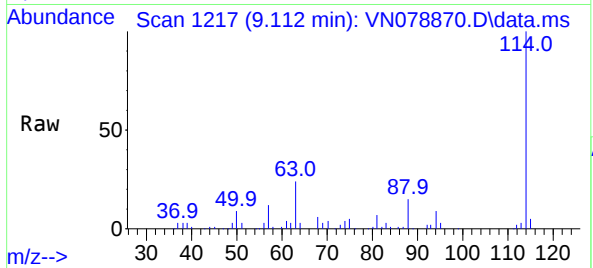
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN078870.D
Acq: 11 Aug 2023 18:04

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion:114 Resp: 14409
Ion Ratio Lower Upper
114 100
63 23.8 15.2 22.8
88 14.6 12.5 18.7

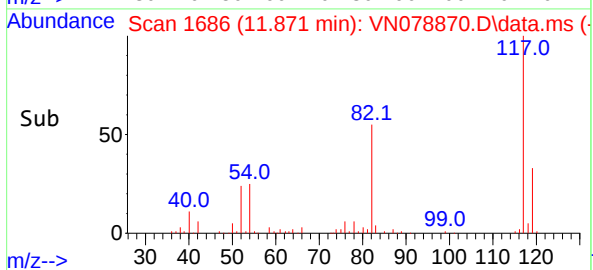
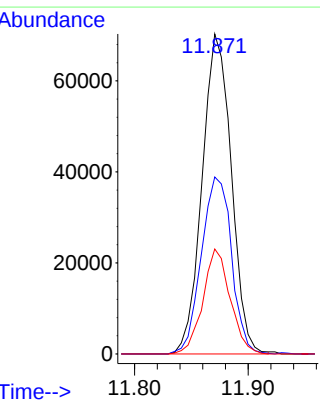
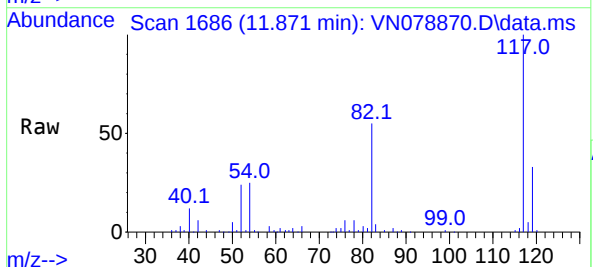
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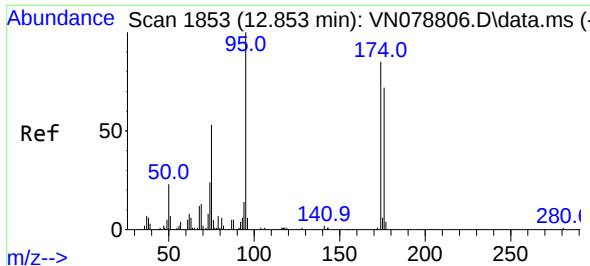
Reviewed By :John Carlone 08/14/2023
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078870.D
Acq: 11 Aug 2023 18:04

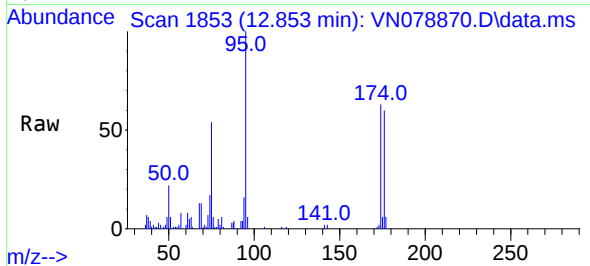
Tgt Ion:117 Resp: 125445
Ion Ratio Lower Upper
117 100
82 57.2 43.9 65.9
119 30.7 26.2 39.4





#60
4-Bromofluorobenzene
Concen: 27.972 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078870.D
Acq: 11 Aug 2023 18:04

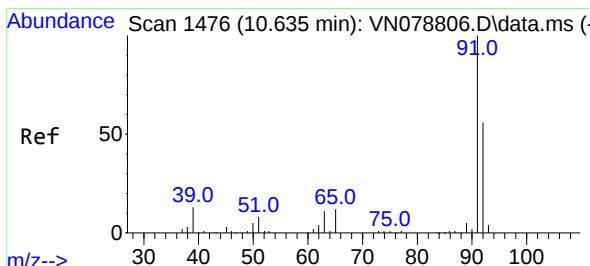
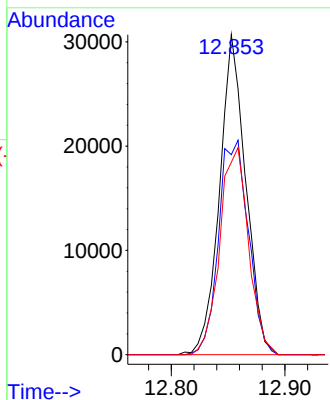
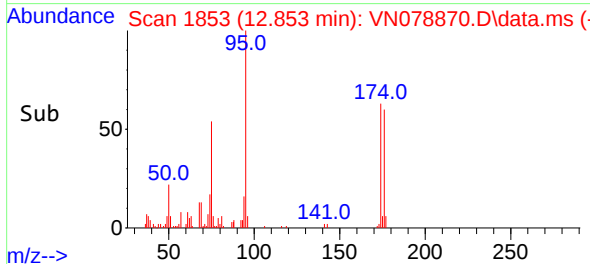
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



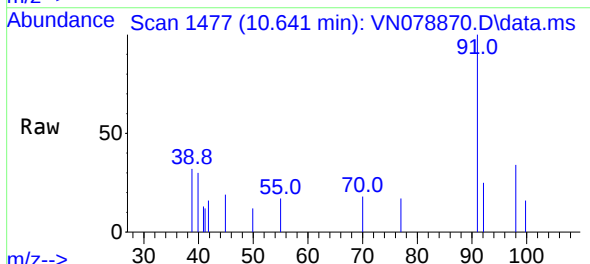
Tgt Ion: 95 Resp: 49254
Ion Ratio Lower Upper
95 100
174 76.3 61.7 92.5
176 70.8 58.1 87.1

Manual Integrations
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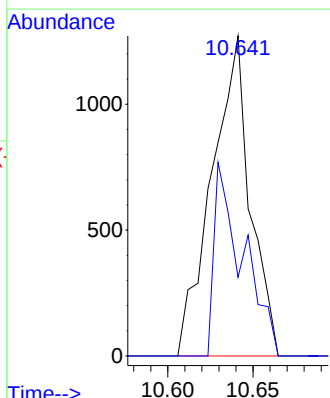
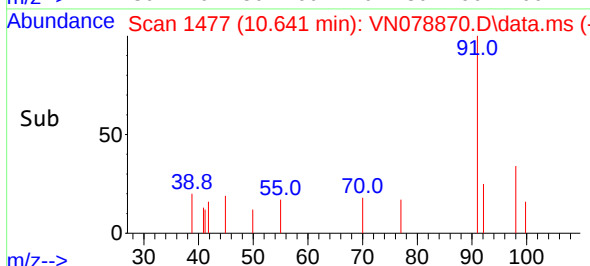
Reviewed By :John Carlone 08/14/2023
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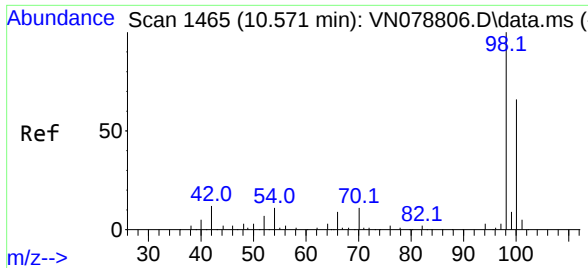


#62
Toluene
Concen: 0.270 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN078870.D
Acq: 11 Aug 2023 18:04



Tgt Ion: 91 Resp: 1991
Ion Ratio Lower Upper
91 100
92 44.9 45.2 67.8#





#63
Toluene-d8
Concen: 29.041 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN078870.D
Acq: 11 Aug 2023 18:04

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 98 Resp: 178518
Ion Ratio Lower Upper
98 100
100 63.4 49.7 74.5

Manual Integrations
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