

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078820.D
 Acq On : 09 Aug 2023 15:08
 Operator : JC\MD
 Sample : 03940-02DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUNE)DL

Manual Integrations
 APPROVED

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

Quant Time: Aug 10 05:29:52 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

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

Internal Standards						
1) Bromochloromethane	7.824	128	32355	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	163241	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	135504	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	76680	29.437	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.133%	
60) 4-Bromofluorobenzene	12.859	95	41255	21.690	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	72.300%	
63) Toluene-d8	10.576	98	197043	29.675	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.900%	
Target Compounds						
15) Acetone	4.447	58	20724	77.941	ug/l	99
30) 2-Butanone	7.500	43	5968m	4.591	ug/l	
62) Toluene	10.635	91	262583	32.915	ug/l	99

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

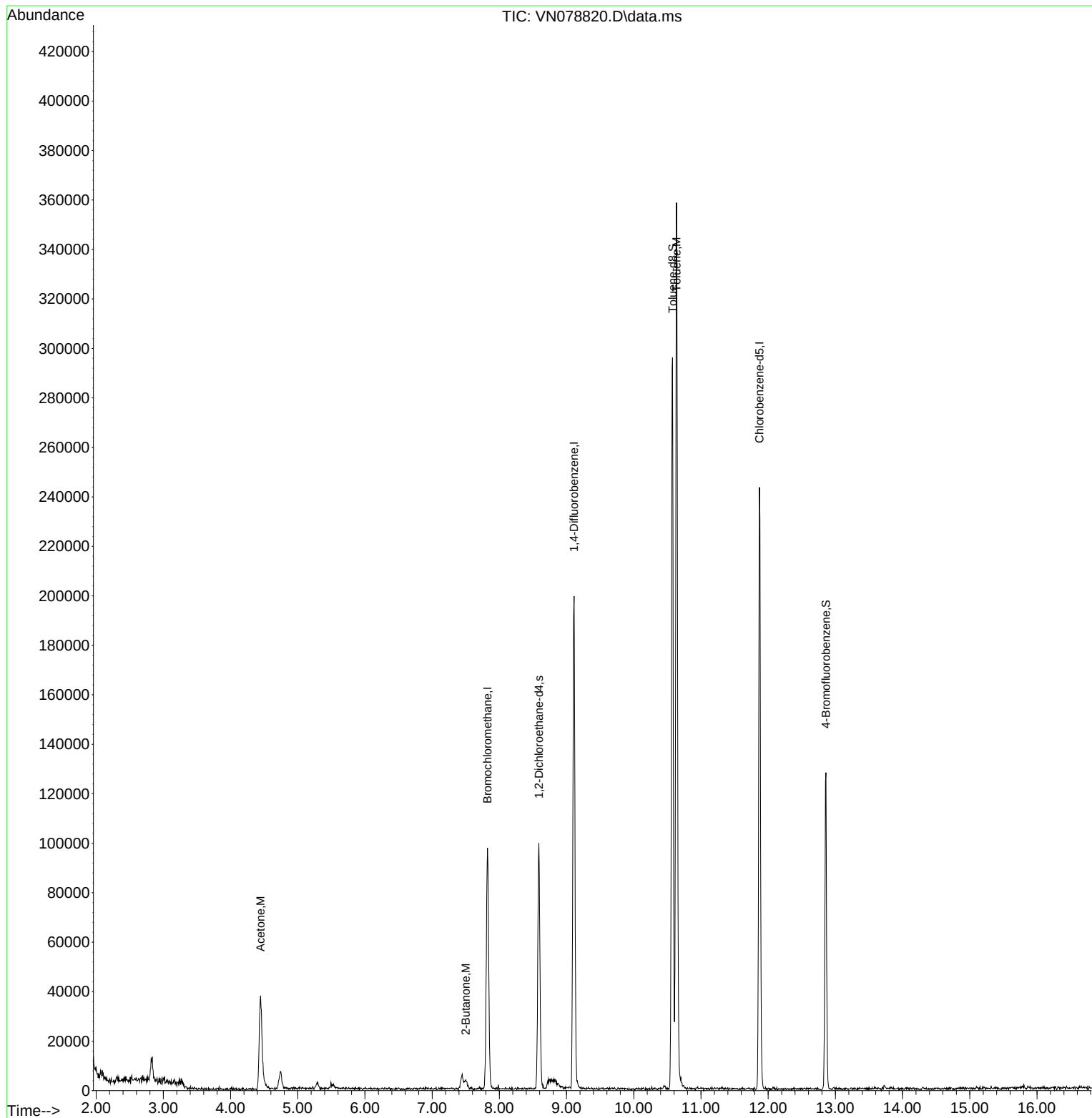
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
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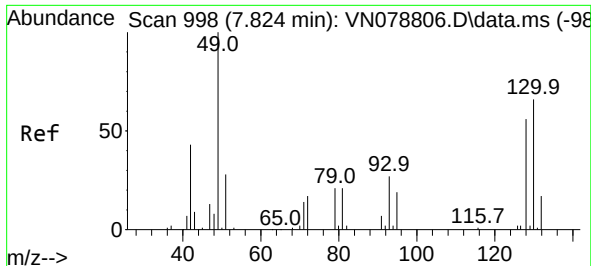
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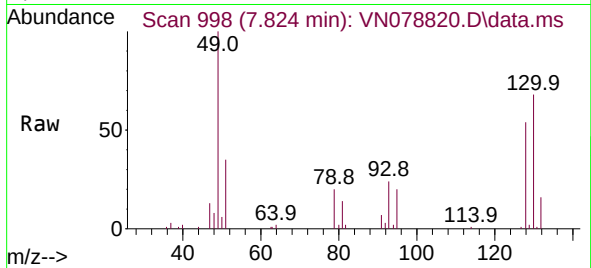
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078820.D
Acq: 09 Aug 2023 15:08

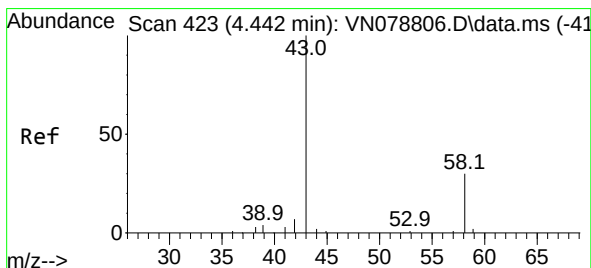
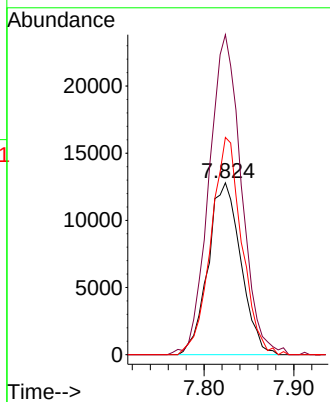
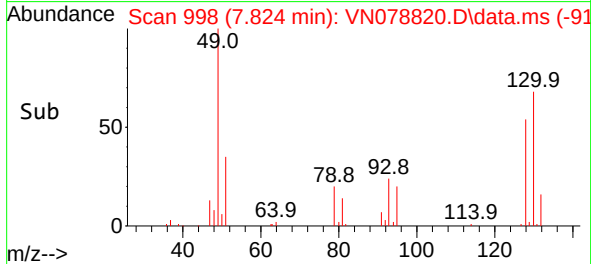
Instrument :
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002-35TH-AVE(JUNE)DL



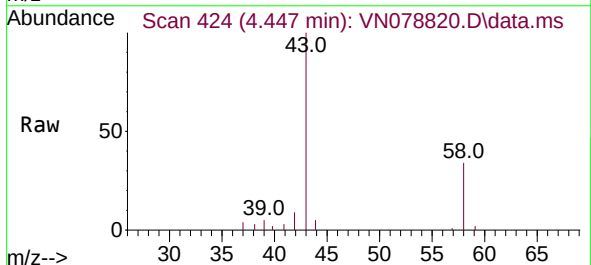
Tgt Ion:128 Resp: 3235
Ion Ratio Lower Upper
128 100
49 183.7 0.0 370.8
130 118.8 0.0 307.0

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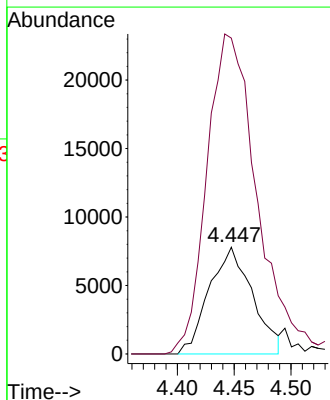
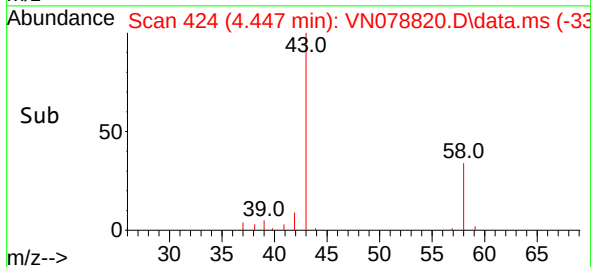
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

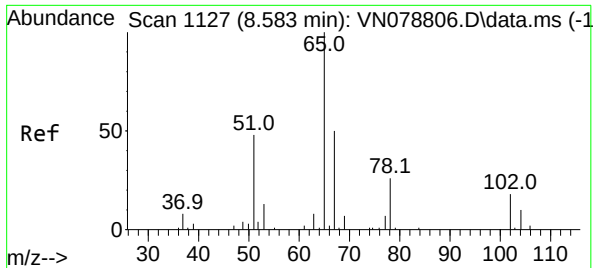


#15
Acetone
Concen: 77.941 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078820.D
Acq: 09 Aug 2023 15:08



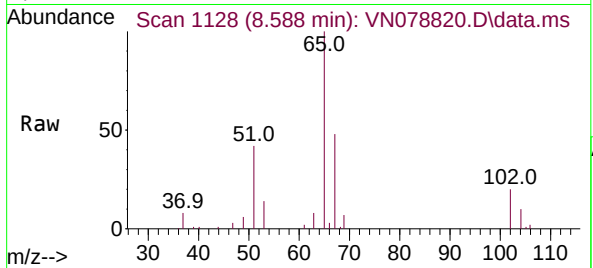
Tgt Ion: 58 Resp: 20724
Ion Ratio Lower Upper
58 100
43 285.6 227.5 341.3





#27
1,2-Dichloroethane-d4
Concen: 29.437 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078820.D
Acq: 09 Aug 2023 15:08

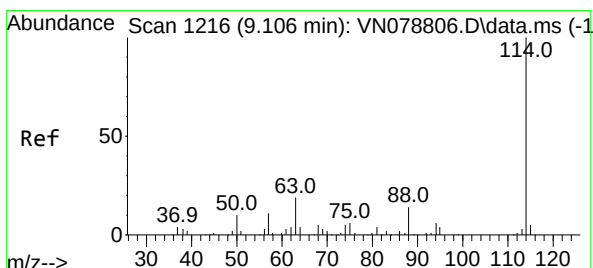
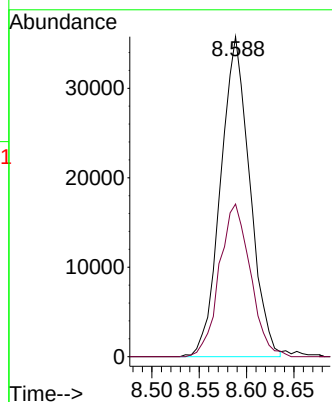
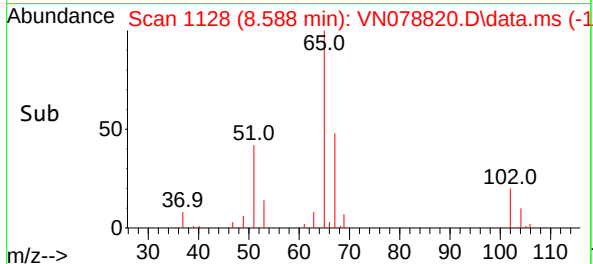
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ClientSampleId :
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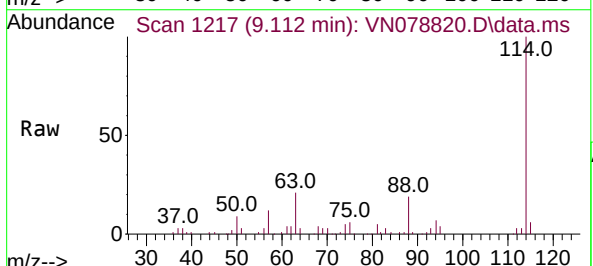
Tgt Ion: 65 Resp: 76680
Ion Ratio Lower Upper
65 100
67 50.6 42.9 64.3

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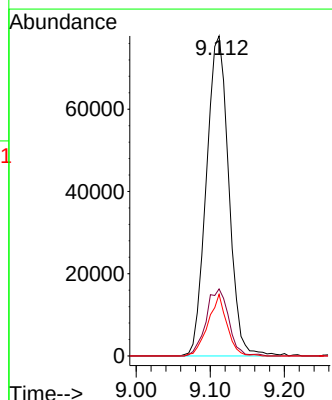
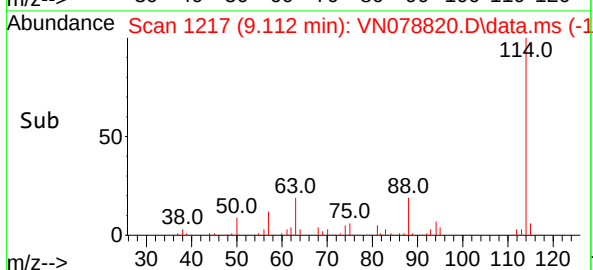
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

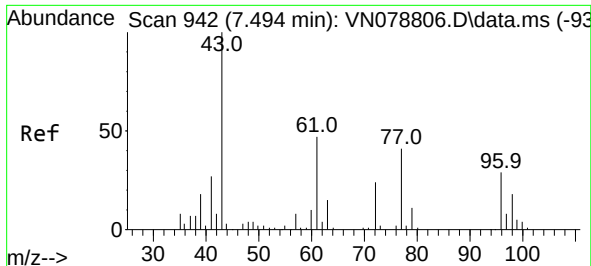


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078820.D
Acq: 09 Aug 2023 15:08



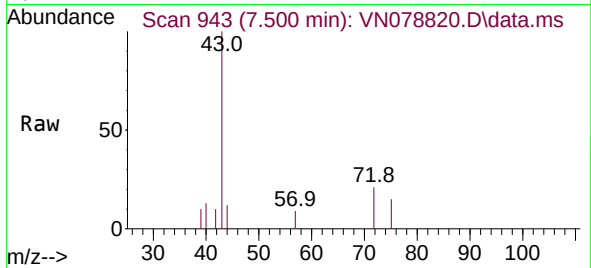
Tgt Ion:114 Resp: 163241
Ion Ratio Lower Upper
114 100
63 21.1 15.2 22.8
88 16.2 12.5 18.7





#30
2-Butanone
Concen: 4.591 ug/l m
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078820.D
Acq: 09 Aug 2023 15:08

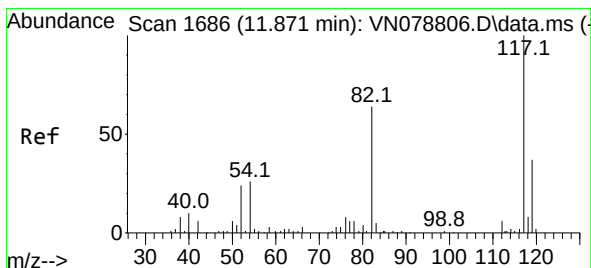
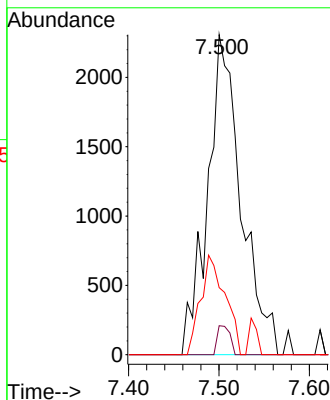
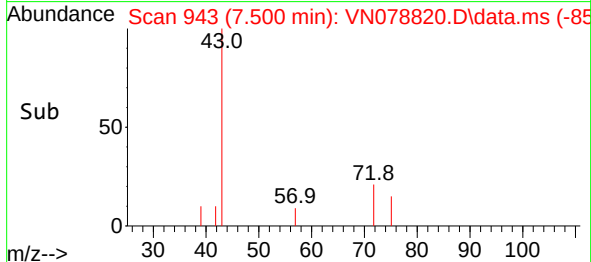
Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 5968
Ion Ratio Lower Upper
43 100
57 3.4 6.8 10.2
72 22.7 23.8 35.6

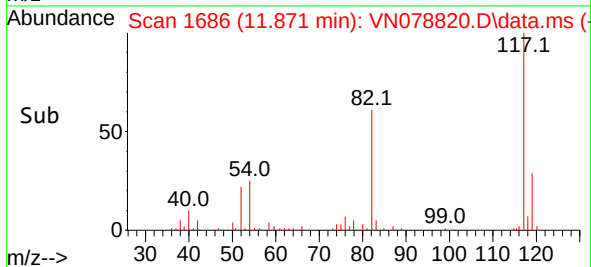
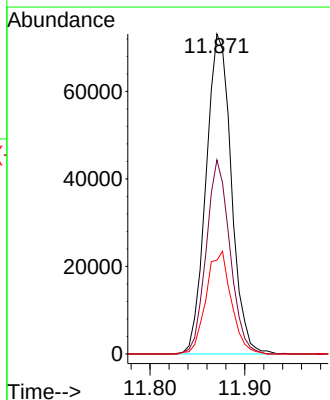
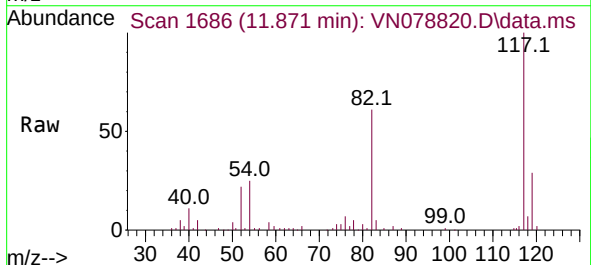
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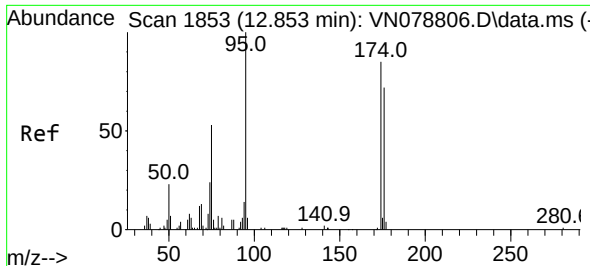
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078820.D
Acq: 09 Aug 2023 15:08

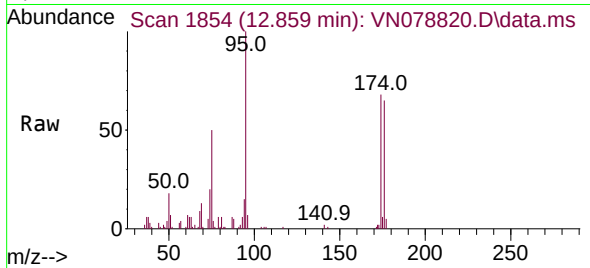
Tgt Ion:117 Resp: 135504
Ion Ratio Lower Upper
117 100
82 57.0 43.9 65.9
119 31.9 26.2 39.4





#60
4-Bromofluorobenzene
Concen: 21.690 ug/l
RT: 12.859 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN078820.D
Acq: 09 Aug 2023 15:08

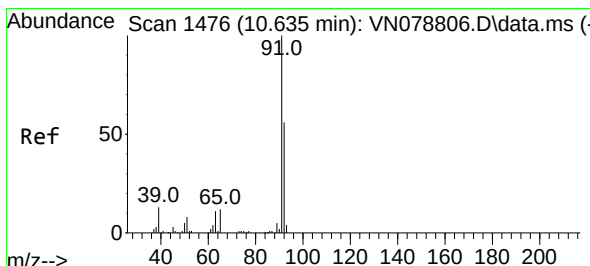
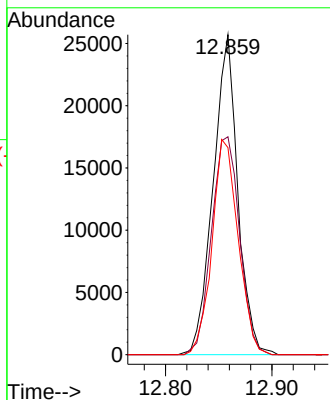
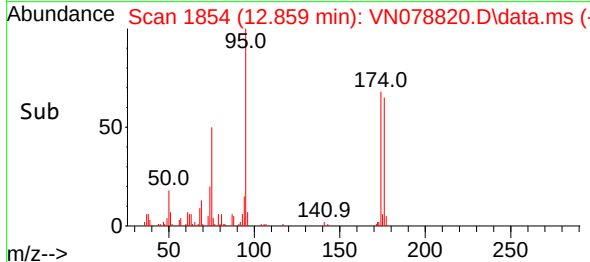
Instrument :
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Tgt Ion: 95 Resp: 41258
Ion Ratio Lower Upper
95 100
174 77.6 61.7 92.5
176 71.4 58.1 87.1

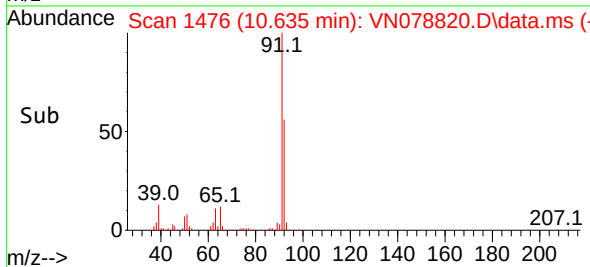
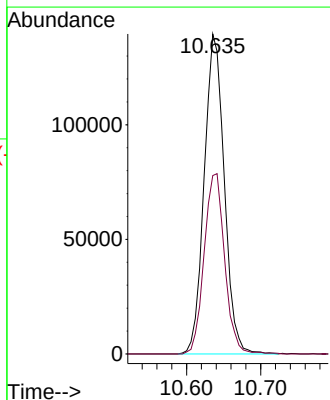
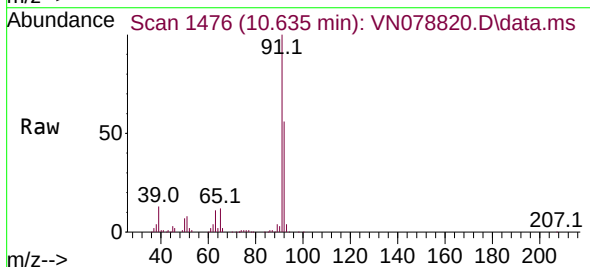
Manual Integrations
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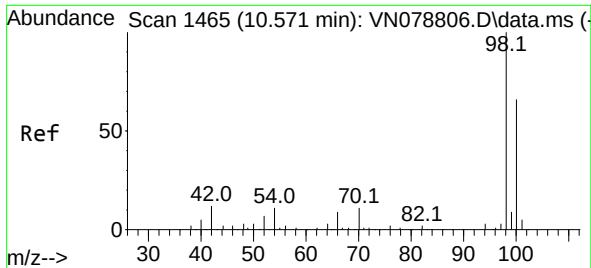
Reviewed By :John Carlone 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#62
Toluene
Concen: 32.915 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078820.D
Acq: 09 Aug 2023 15:08

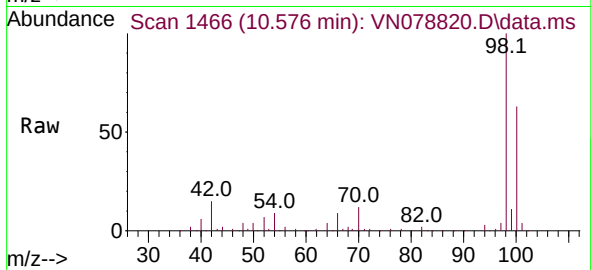
Tgt Ion: 91 Resp: 262583
Ion Ratio Lower Upper
91 100
92 57.3 45.2 67.8





#63
Toluene-d8
Concen: 29.675 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078820.D
Acq: 09 Aug 2023 15:08

Instrument :
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Tgt Ion: 98 Resp: 197043
Ion Ratio Lower Upper
98 100
100 65.2 49.7 74.5

Manual Integrations
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