

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
 Data File : VN082438.D
 Acq On : 03 Jun 2024 16:49
 Operator : JC\MD
 Sample : PB161254ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161254ZHE#05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2024
 Supervised By : Mahesh Dadoda 06/04/2024

Quant Time: Jun 04 00:31:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	153503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	283027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	282545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133235	54.968	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.940%			
35) Dibromofluoromethane	8.165	113	94895	54.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.000%			
50) Toluene-d8	10.571	98	376919	56.467	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.940%			
62) 4-Bromofluorobenzene	12.853	95	126250	52.991	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.980%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	98811	99.377	ug/l #	88
25) 2-Butanone	7.488	43	24724	16.400	ug/l #	75
43) Isopropyl Acetate	8.694	43	353839	61.108	ug/l #	69
51) 4-Methyl-2-Pentanone	10.447	43	23956m	7.282	ug/l	

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

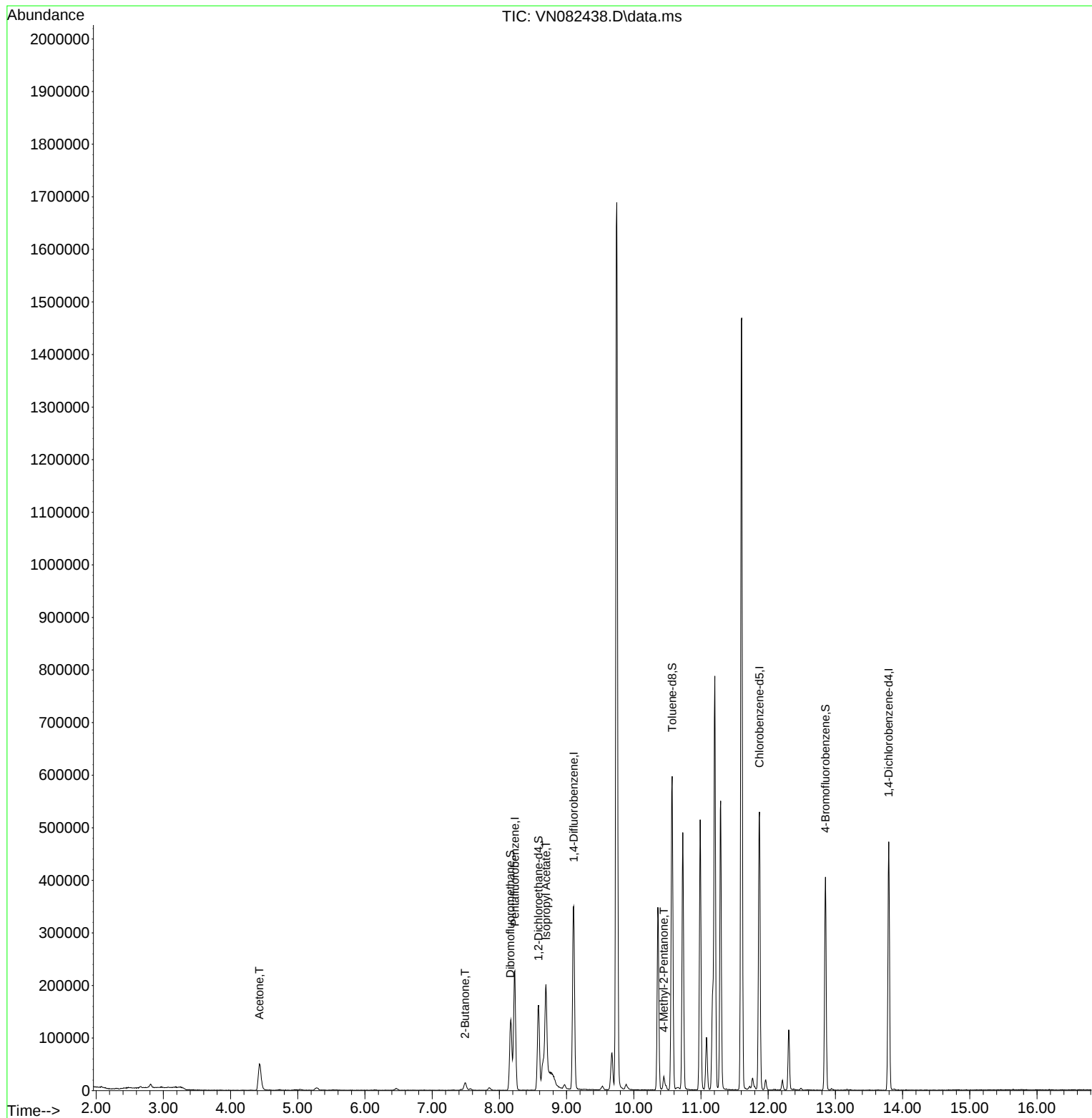
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060324\
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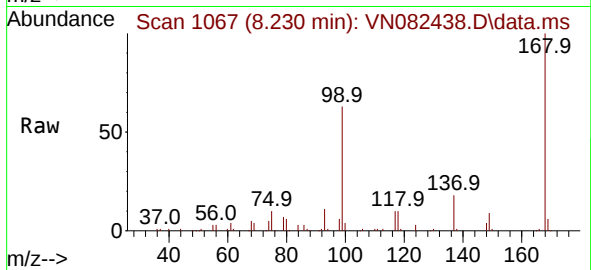
Quant Time: Jun 04 00:31:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082438.D
Acq: 03 Jun 2024 16:49

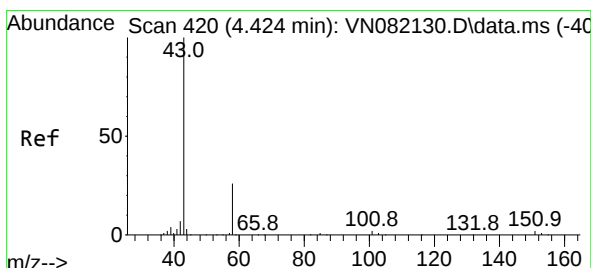
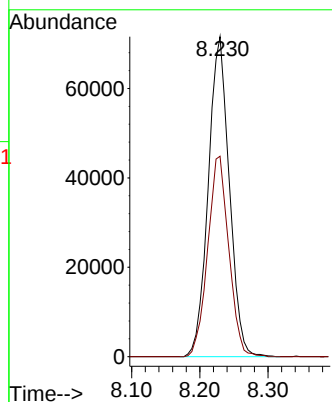
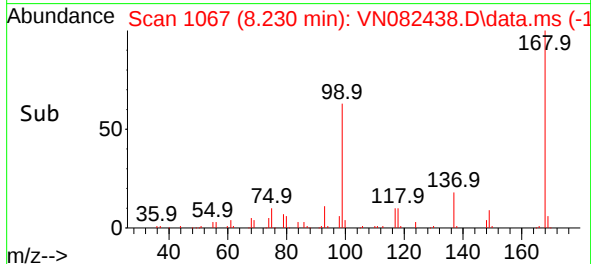
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#05



Tgt Ion:168 Resp: 15350
Ion Ratio Lower Upper
168 100
99 62.6 48.2 72.4

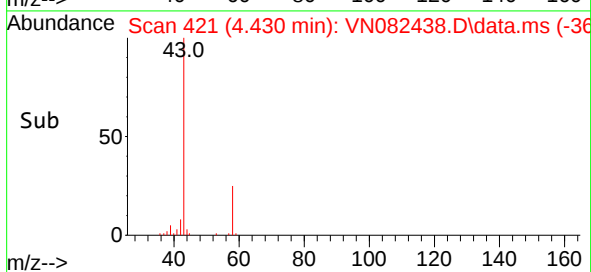
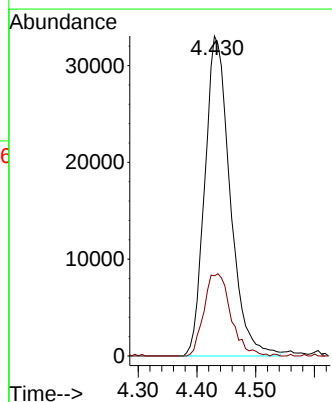
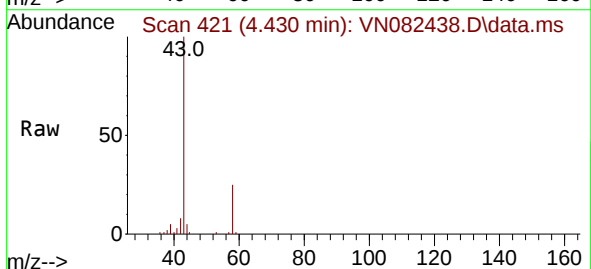
Manual Integrations
APPROVED

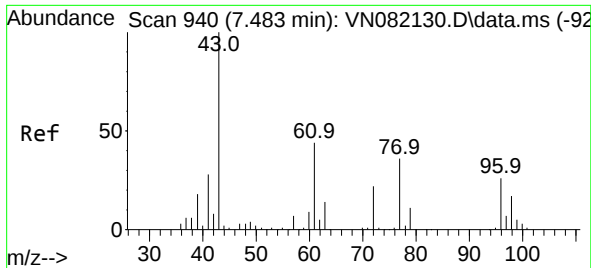
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#16
Acetone
Concen: 99.377 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082438.D
Acq: 03 Jun 2024 16:49

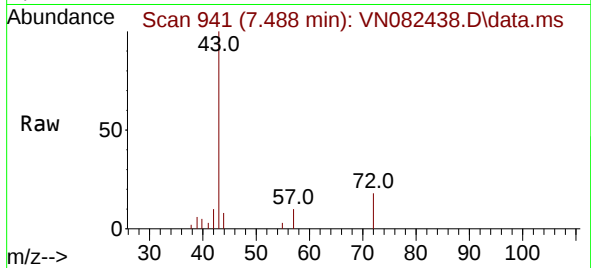
Tgt Ion: 43 Resp: 98811
Ion Ratio Lower Upper
43 100
58 25.0 25.2 37.8#





#25
2-Butanone
Concen: 16.400 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082438.D
Acq: 03 Jun 2024 16:49

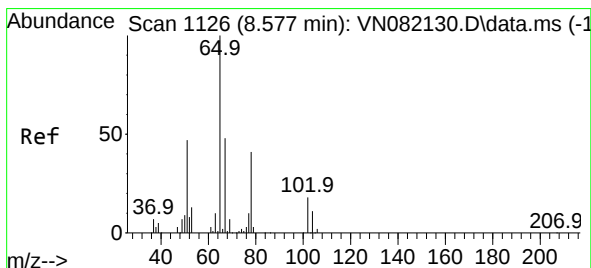
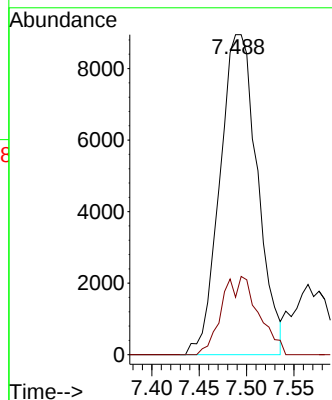
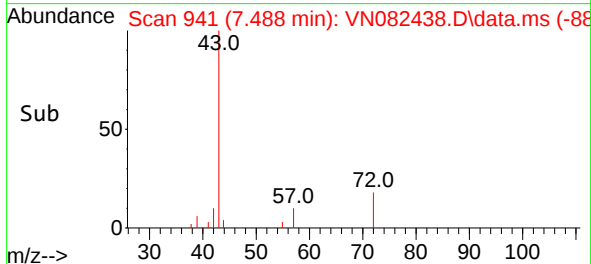
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#05



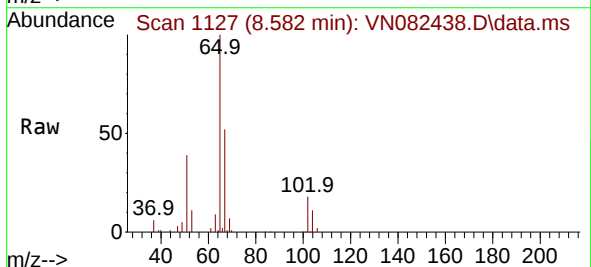
Tgt Ion: 43 Resp: 24724
Ion Ratio Lower Upper
43 100
72 18.0 25.3 37.9

Manual Integrations
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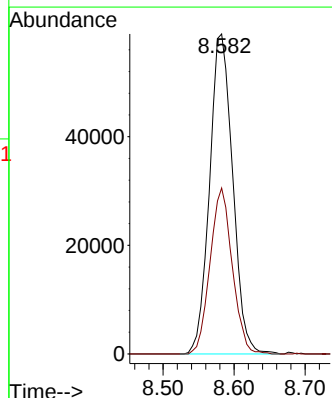
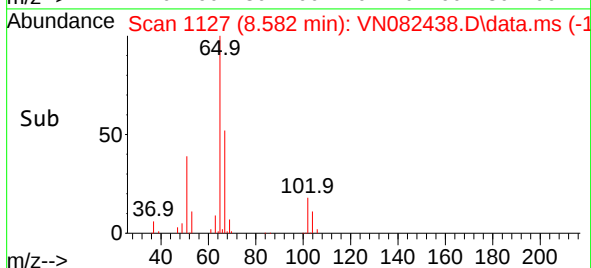
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024

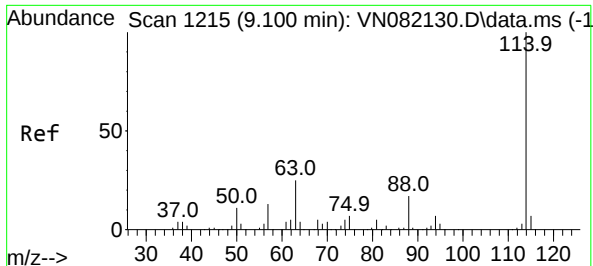


#33
1,2-Dichloroethane-d4
Concen: 54.968 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082438.D
Acq: 03 Jun 2024 16:49



Tgt Ion: 65 Resp: 133235
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VN082438.D

Acq: 03 Jun 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

PB161254ZHE#05

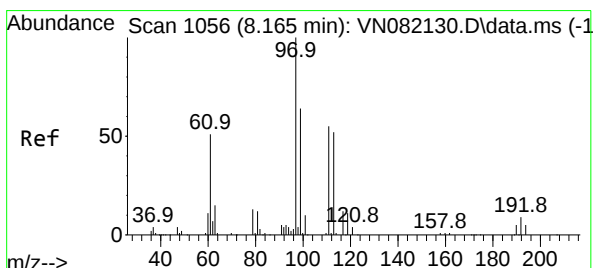
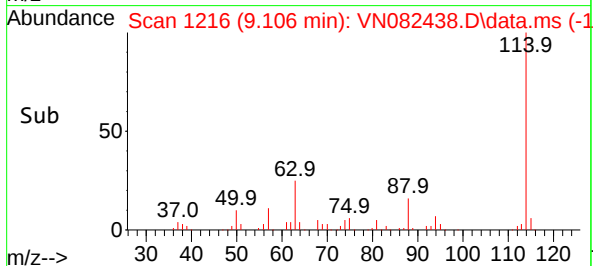
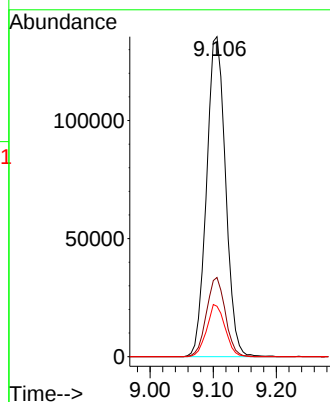
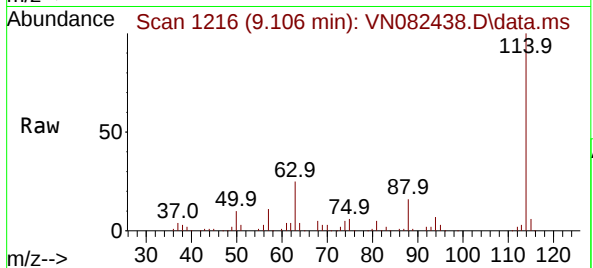
Tgt Ion:114	Resp:	28302
Ion Ratio	Lower	Upper
114	100	
63	24.8	0.0 41.0
88	15.7	0.0 31.4

Manual Integrations

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#35

Dibromofluoromethane

Concen: 54.504 ug/l

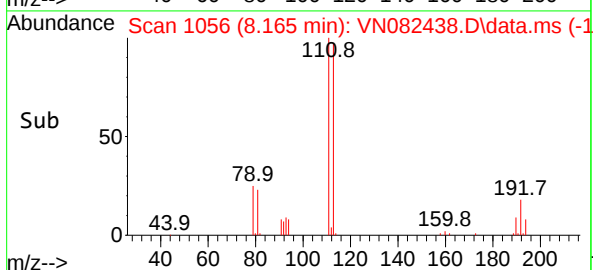
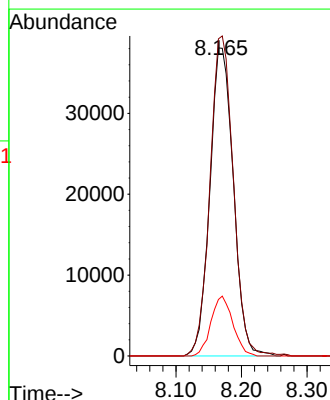
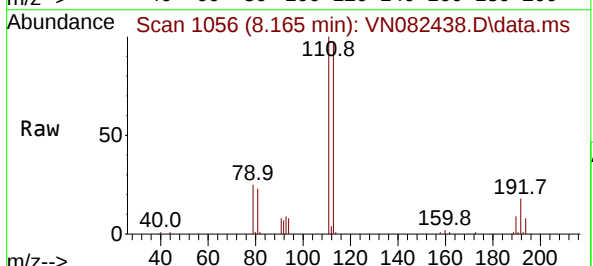
RT: 8.165 min Scan# 1056

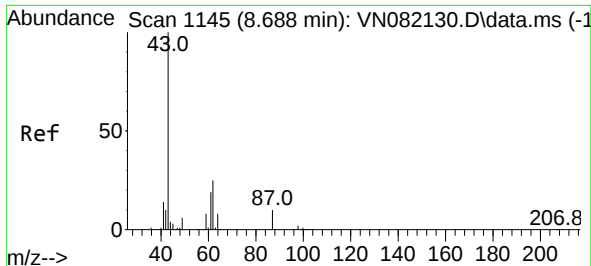
Delta R.T. -0.000 min

Lab File: VN082438.D

Acq: 03 Jun 2024 16:49

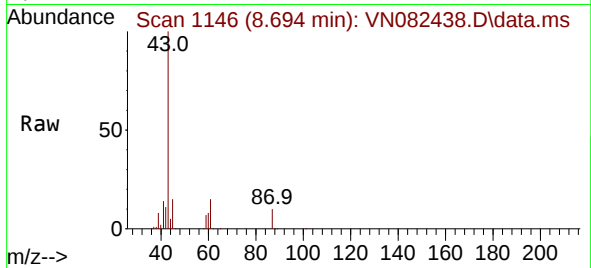
Tgt Ion:113	Resp:	94895
Ion Ratio	Lower	Upper
113	100	
111	103.2	83.4 125.2
192	18.1	14.0 21.0





#43
Isopropyl Acetate
Concen: 61.108 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN082438.D
Acq: 03 Jun 2024 16:49

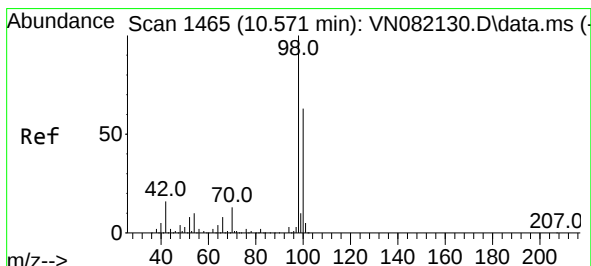
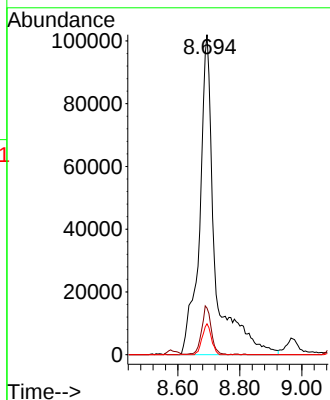
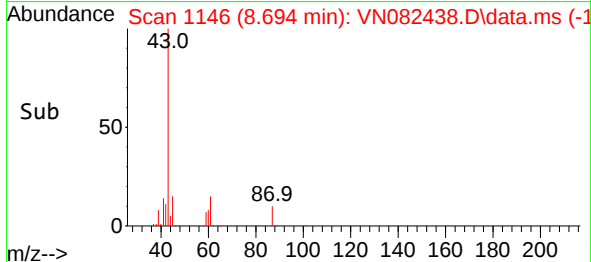
Instrument :
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ClientSampleId :
PB161254ZHE#05



Tgt Ion: 43 Resp: 353839
Ion Ratio Lower Upper
43 100
61 9.4 22.8 34.2
87 5.7 12.0 18.0

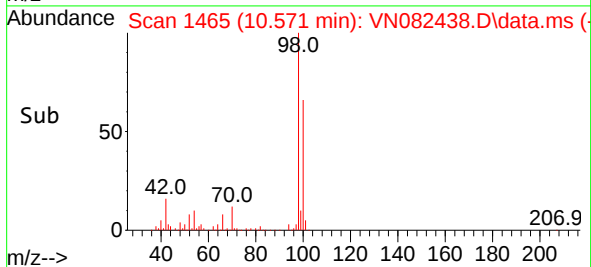
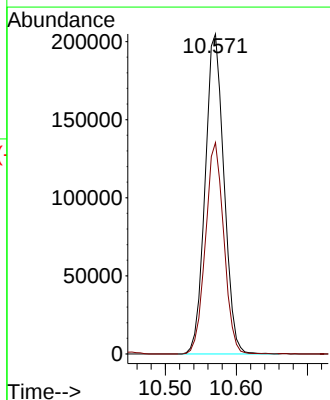
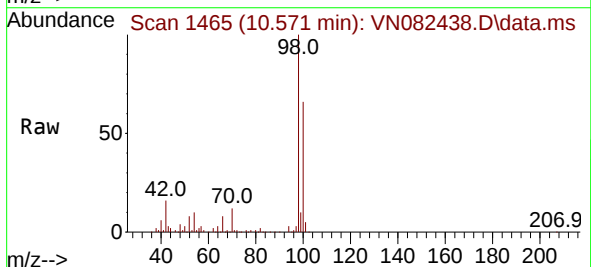
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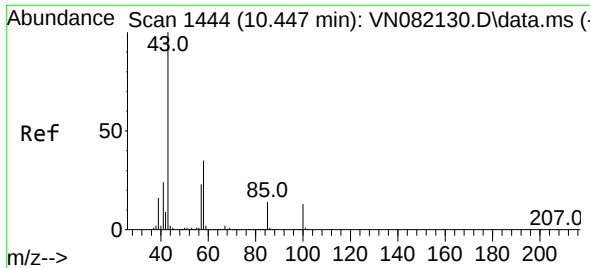
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#50
Toluene-d8
Concen: 56.467 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082438.D
Acq: 03 Jun 2024 16:49

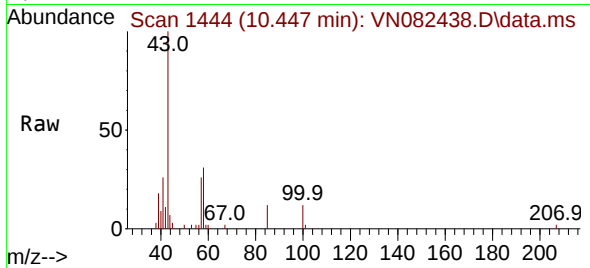
Tgt Ion: 98 Resp: 376919
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 7.282 ug/l m
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082438.D
Acq: 03 Jun 2024 16:49

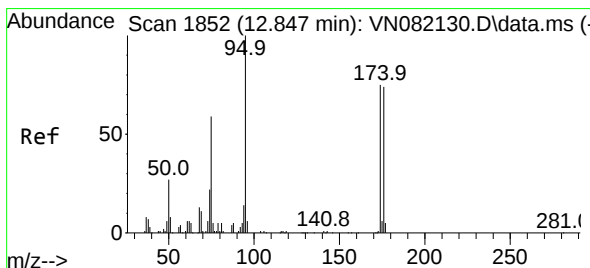
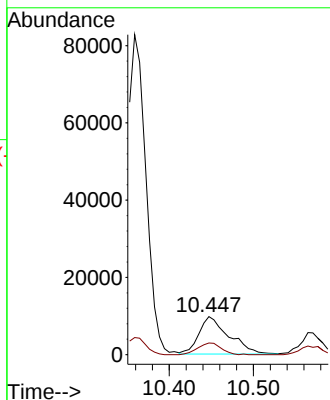
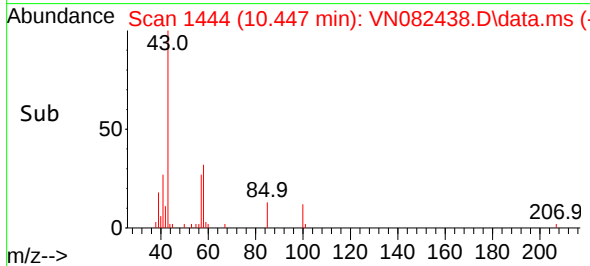
Instrument :
MSVOA_N
ClientSampleId :
PB161254ZHE#05



Tgt Ion: 43 Resp: 23950
Ion Ratio Lower Upper
43 100
58 16.7 33.2 49.8

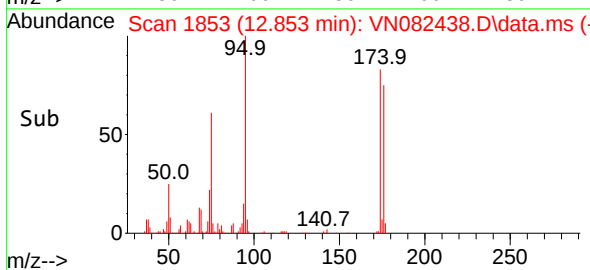
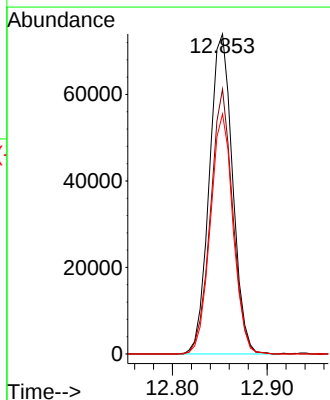
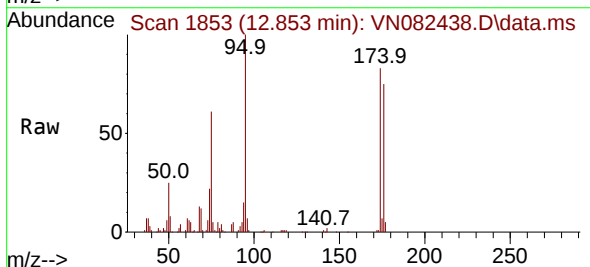
Manual Integrations
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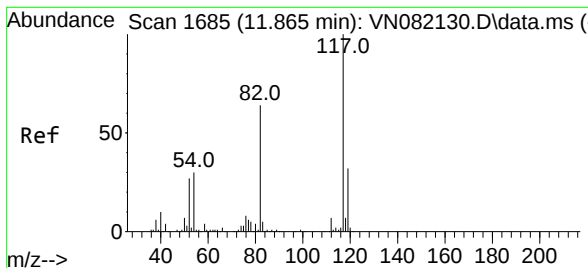
Reviewed By :John Carlone 06/04/2024
Supervised By :Mahesh Dadoda 06/04/2024



#62
4-Bromofluorobenzene
Concen: 52.991 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082438.D
Acq: 03 Jun 2024 16:49

Tgt Ion: 95 Resp: 126250
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.6
176 73.1 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082438.D

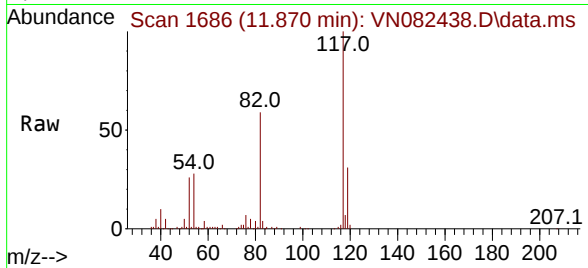
Acq: 03 Jun 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

PB161254ZHE#05



Tgt Ion:117 Resp: 28254

Ion Ratio Lower Upper

117 100

82 59.2 44.6 66.8

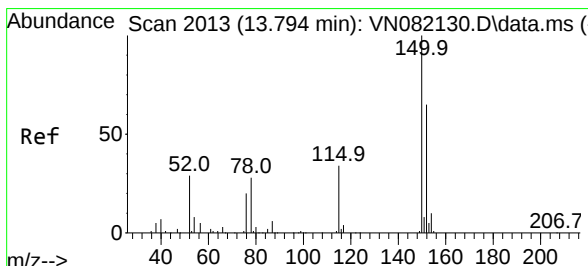
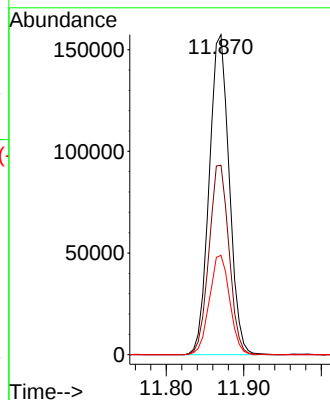
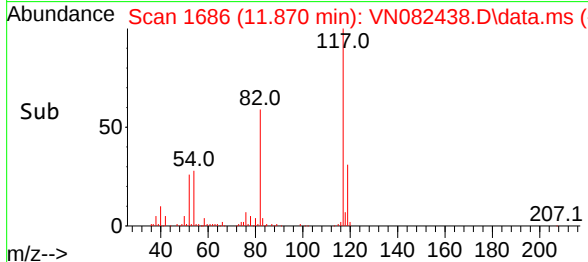
119 31.0 25.9 38.9

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 06/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082438.D

Acq: 03 Jun 2024 16:49

Tgt Ion:152 Resp: 117147

Ion Ratio Lower Upper

152 100

115 60.0 30.4 91.3

150 157.8 0.0 353.2

