

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068464.D
 Acq On : 13 Sep 2021 18:18
 Operator : JC/MD
 Sample : M3717-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-1

Quant Time: Sep 14 04:29:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2021
 Supervised By : Mahesh Dadoda 09/14/2021

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

Internal Standards						
1) Bromochloromethane	7.662	128	90732	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	470896	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	411727	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	175388	32.732	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.100%			
60) 4-Bromofluorobenzene	12.733	95	152010	25.903	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 86.333%			
63) Toluene-d8	10.446	98	556770	31.085	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.600%			
Target Compounds						
15) Acetone	4.291	58	10501m	20.676	ug/l	Qvalue
30) 2-Butanone	7.351	43	4871m	2.022	ug/l	
47) n-amyl Acetate	12.396	43	4547	0.745	ug/l #	72
58) 4-Methyl-2-Pentanone	10.336	43	13393	2.763	ug/l	99
59) 2-Hexanone	11.095	43	9839m	2.929	ug/l	

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

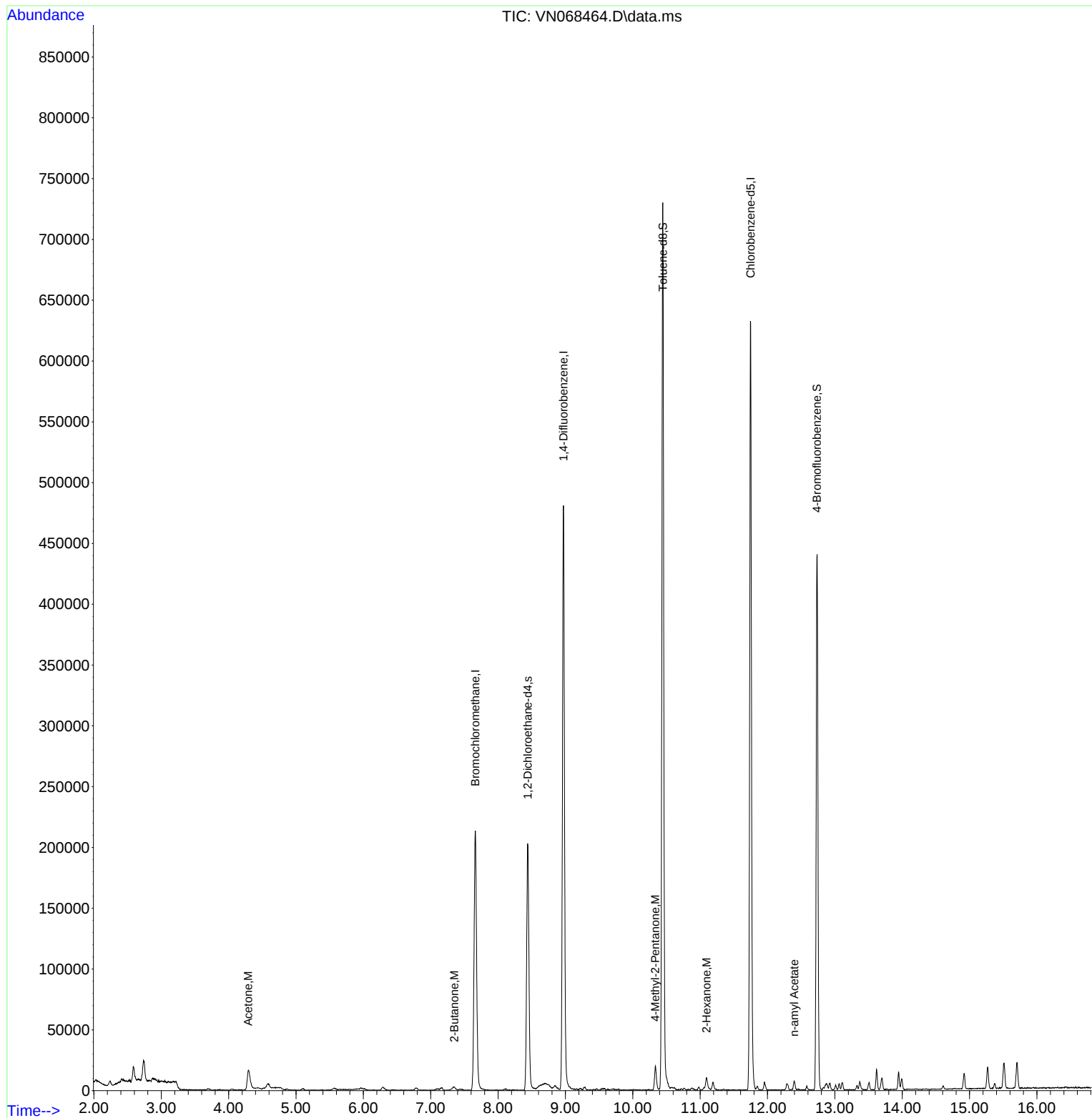
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
Data File : VN068464.D
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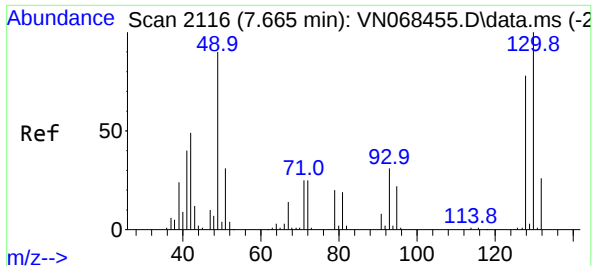
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ClientSampleId :
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Quant Time: Sep 14 04:29:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
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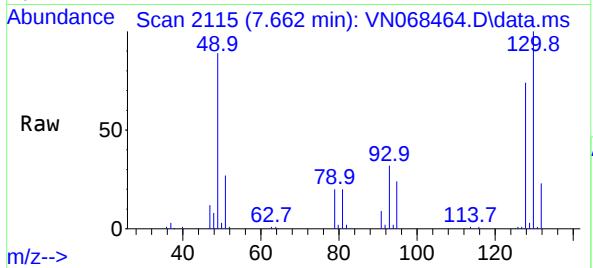
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18

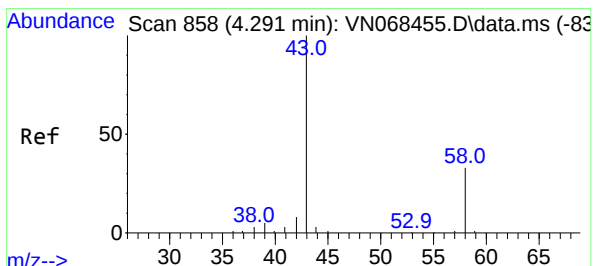
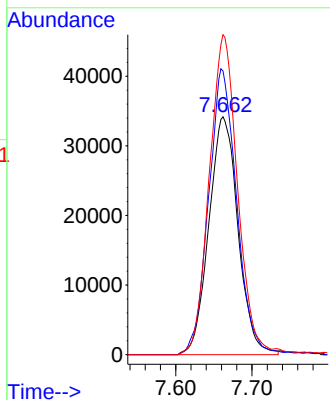
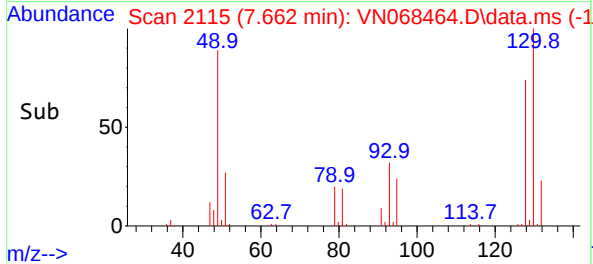
Instrument :
MSVOA_N
ClientSampleId :
OF-1



Tgt Ion:128 Resp: 90732
Ion Ratio Lower Upper
128 100
49 115.7 0.0 292.5
130 129.5 0.0 325.0

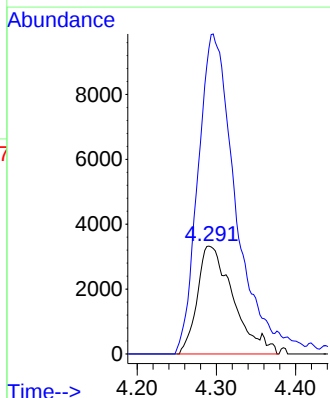
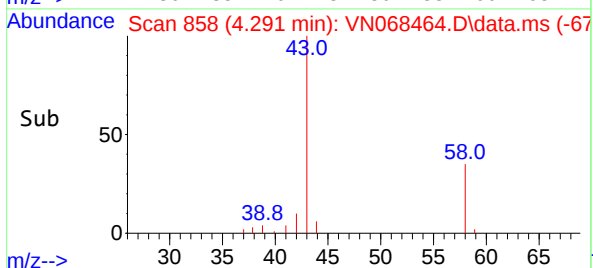
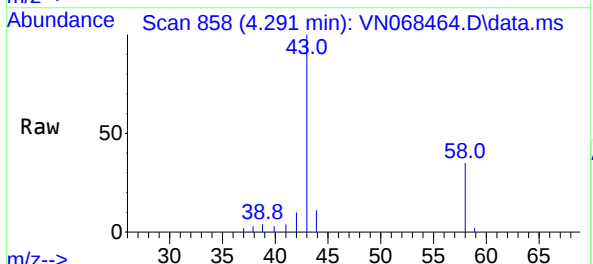
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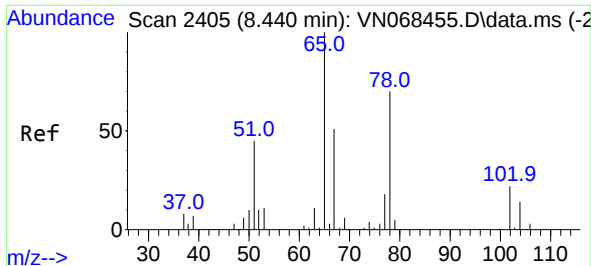
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#15
Acetone
Concen: 20.676 ug/l m
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18

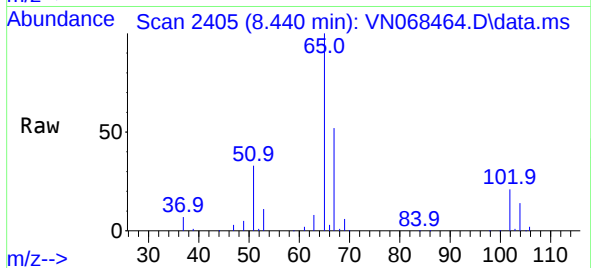
Tgt Ion: 58 Resp: 10501
Ion Ratio Lower Upper
58 100
43 283.2 239.9 359.9





#27
1,2-Dichloroethane-d4
Concen: 32.732 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18

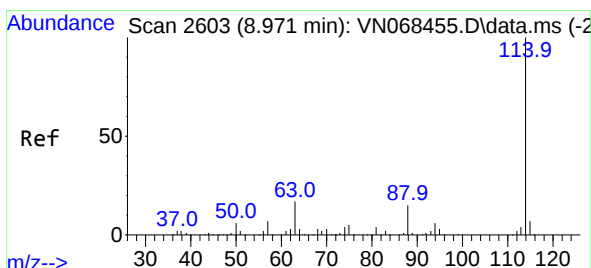
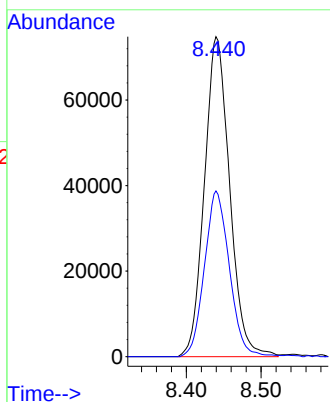
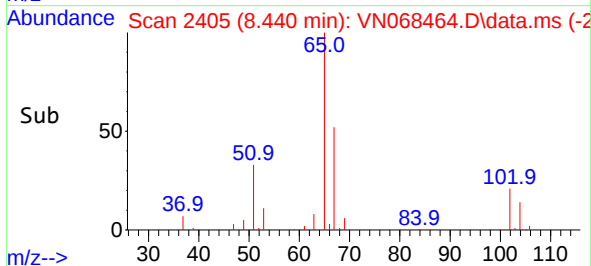
Instrument :
MSVOA_N
ClientSampleId :
OF-1



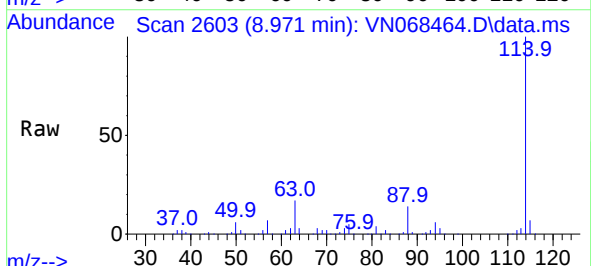
Tgt Ion: 65 Resp: 175388
Ion Ratio Lower Upper
65 100
67 51.0 41.8 62.8

Manual Integrations
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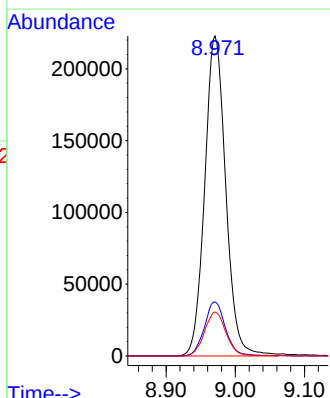
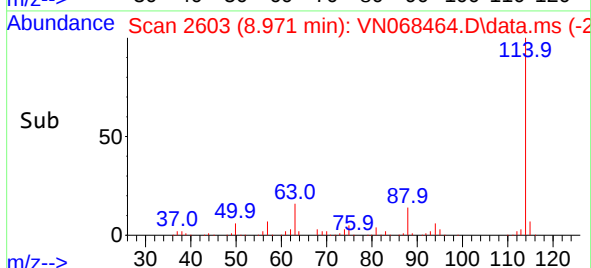
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021

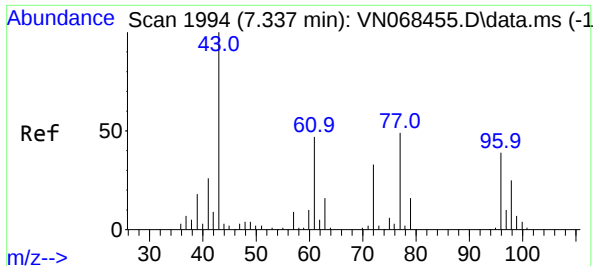


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18



Tgt Ion:114 Resp: 470896
Ion Ratio Lower Upper
114 100
63 17.0 13.4 20.0
88 14.0 11.1 16.7





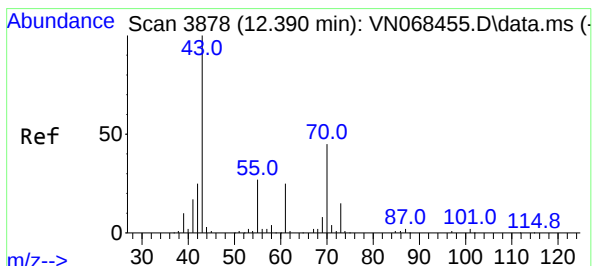
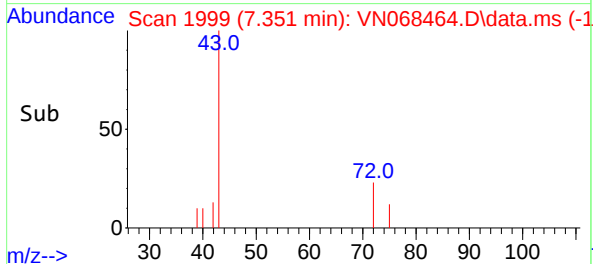
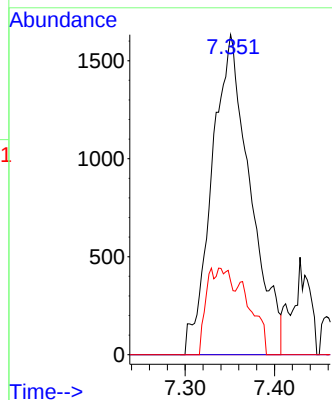
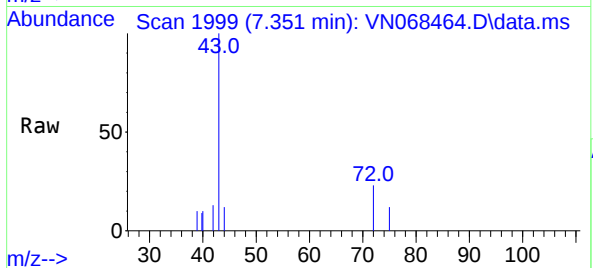
#30
2-Butanone
Concen: 2.022 ug/l m
RT: 7.351 min Scan# 1999
Delta R.T. 0.013 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :
OF-1

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
57 0.0 3.2 4.8
72 6.4 26.6 39.8

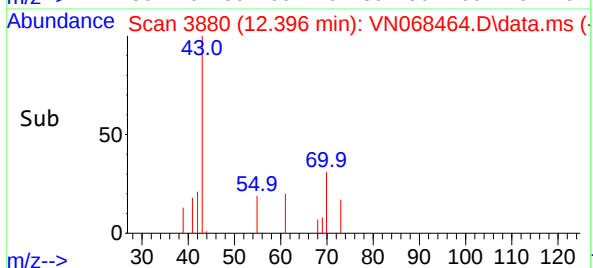
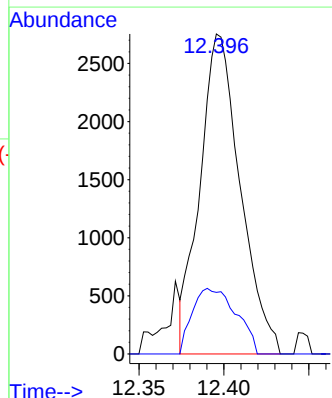
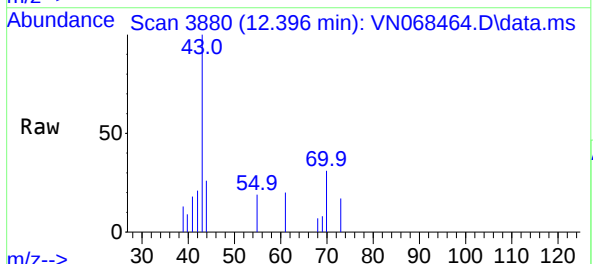
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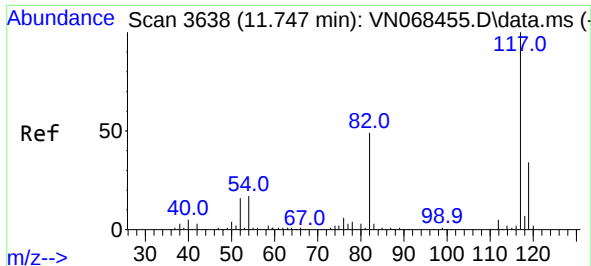
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#47
n-amy1 Acetate
Concen: 0.745 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.005 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18

Tgt Ion: 43 Resp: 4547
Ion Ratio Lower Upper
43 100
55 12.5 21.7 32.5





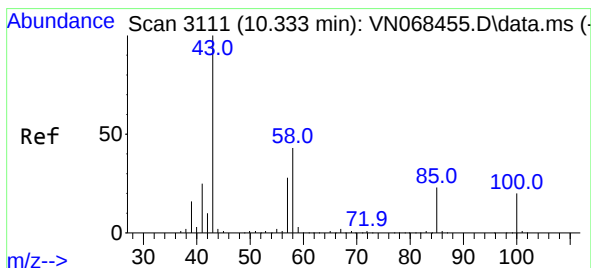
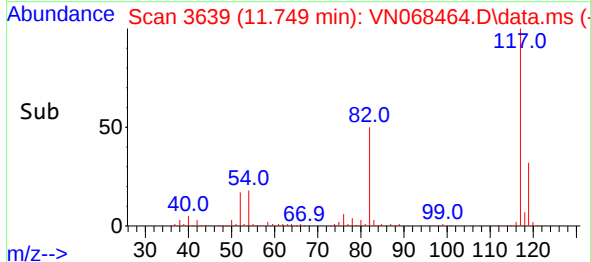
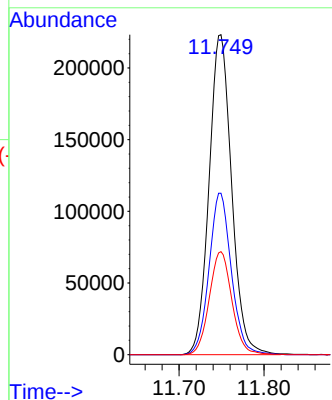
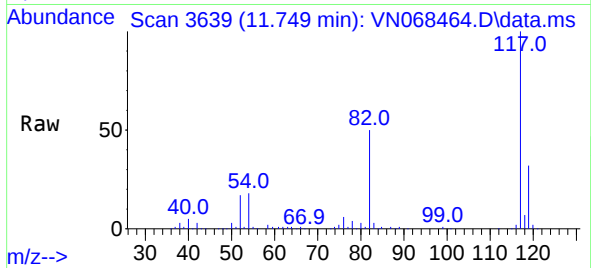
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :
OF-1

Tgt Ion: 117 Resp: 41172
Ion Ratio Lower Upper
117 100
82 49.9 39.4 59.0
119 32.3 26.2 39.2

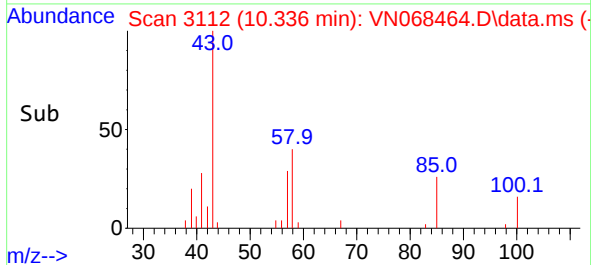
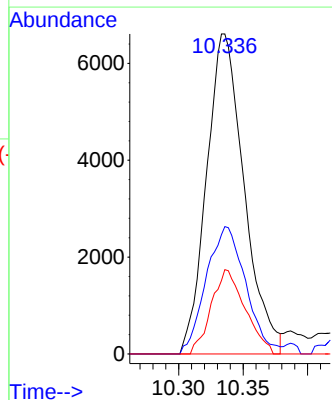
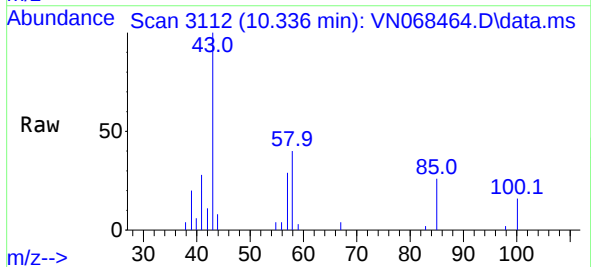
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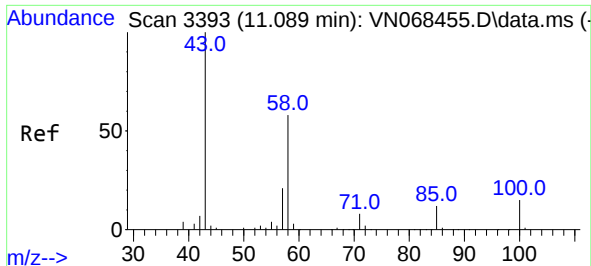
Reviewed By :John Carlone 09/14/2021
Supervised By :Mahesh Dadoda 09/14/2021



#58
4-Methyl-2-Pentanone
Concen: 2.763 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18

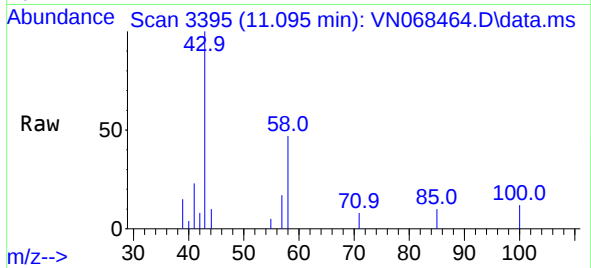
Tgt Ion: 43 Resp: 13393
Ion Ratio Lower Upper
43 100
58 41.9 33.3 49.9
85 23.7 18.6 27.8





#59
2-Hexanone
Concen: 2.929 ug/l m
RT: 11.095 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18

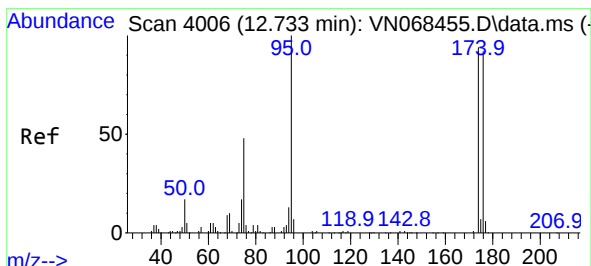
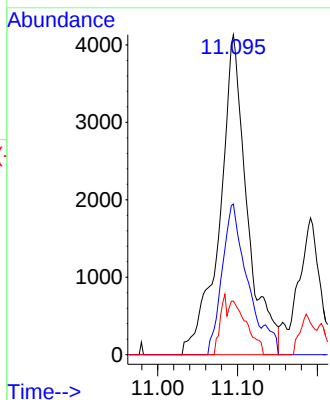
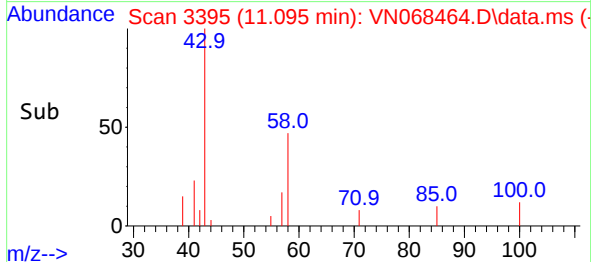
Instrument :
MSVOA_N
ClientSampleId :
OF-1



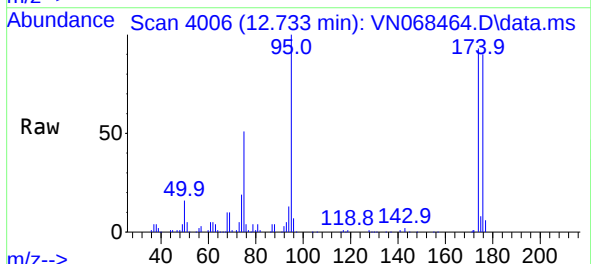
Tgt Ion: 43 Resp: 9839
Ion Ratio Lower Upper
43 100
58 40.7 46.4 69.6
57 11.0 16.6 25.0

Manual Integrations
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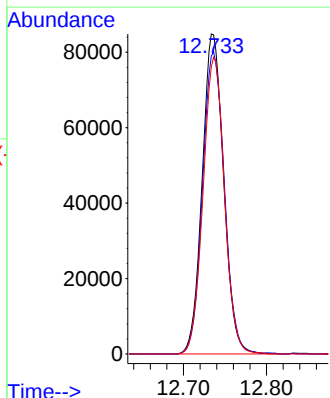
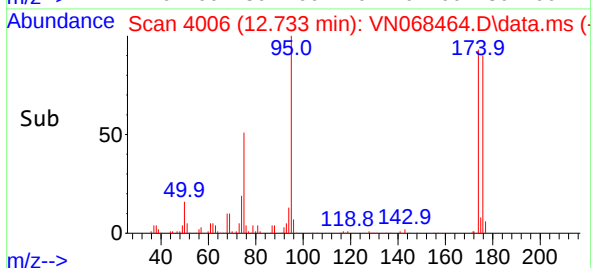
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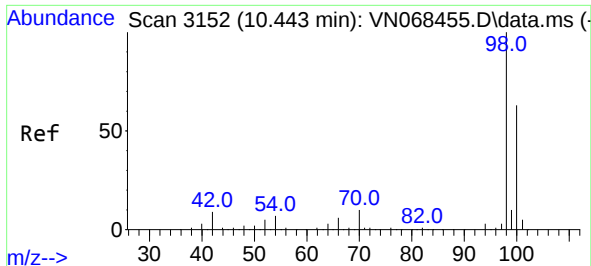


#60
4-Bromofluorobenzene
Concen: 25.903 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18



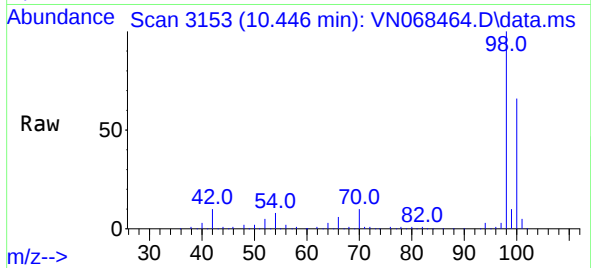
Tgt Ion: 95 Resp: 152010
Ion Ratio Lower Upper
95 100
174 96.0 78.0 117.0
176 92.3 76.4 114.6





#63
Toluene-d8
Concen: 31.085 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068464.D
Acq: 13 Sep 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :
OF-1



Tgt Ion: 98 Resp: 556770
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

Manual Integrations
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