

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073612.D
 Acq On : 27 Jul 2022 17:40
 Operator : JC\MD
 Sample : N3949-02 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Jul 28 02:15:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

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

Internal Standards						
1) Bromochloromethane	7.592	128	50811	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	263320	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	239278	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	137317	31.257	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.200%			
60) 4-Bromofluorobenzene	12.674	95	113750	26.848	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.500%			
63) Toluene-d8	10.380	98	410009	30.431	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.433%			
Target Compounds						
					Qvalue	
15) Acetone	4.222	58	3270389	4714.666	ug/l	87
18) Methylene Chloride	5.004	84	2980m	0.739	ug/l	
20) Diisopropyl ether	6.422	45	69015	5.979	ug/l #	86
25) Chloroform	7.739	83	3198m	0.455	ug/l	
30) 2-Butanone	7.263	43	7066m	2.077	ug/l	
58) 4-Methyl-2-Pentanone	10.269	43	31919	5.159	ug/l	96
59) 2-Hexanone	11.027	43	4547	0.954	ug/l	96

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

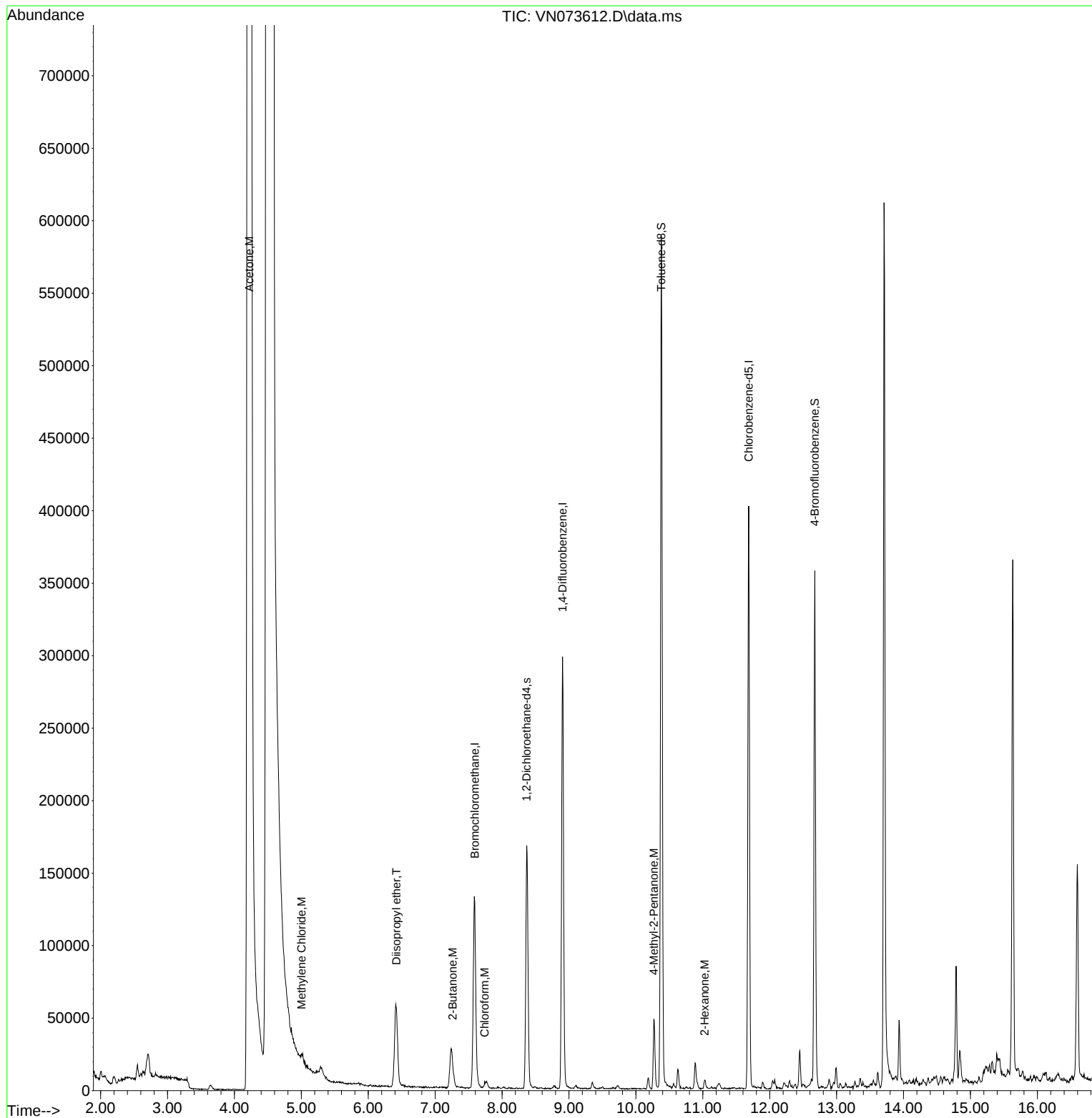
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
Data File : VN073612.D
Acq On : 27 Jul 2022 17:40
Operator : JC\MD
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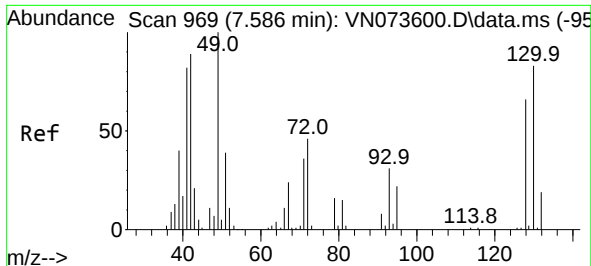
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Time: Jul 28 02:15:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 27 18:07:26 2022
Response via : Initial Calibration

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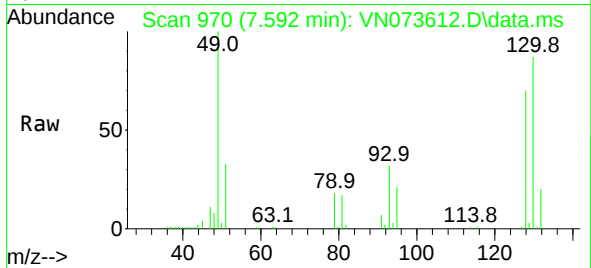
Reviewed By : John Carlone 07/28/2022
Supervised By : Mahesh Dadoda 07/28/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.592 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40

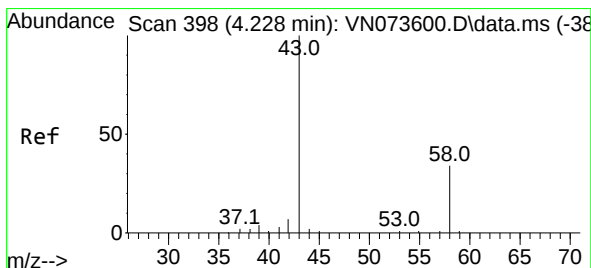
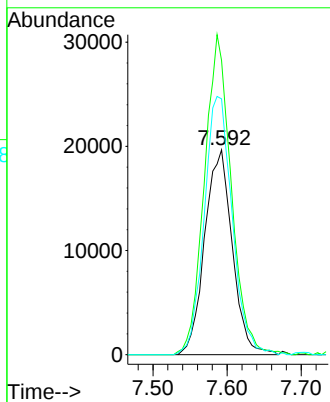
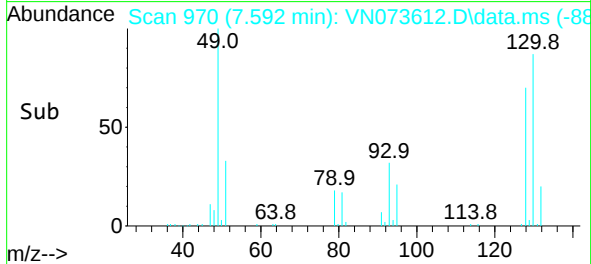
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



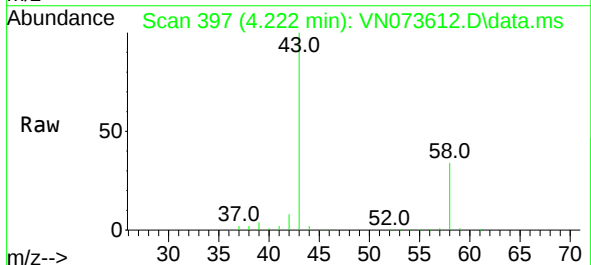
Tgt Ion:128 Resp: 5081
Ion Ratio Lower Upper
128 100
49 152.1 0.0 392.3
130 128.0 0.0 320.2

Manual Integrations
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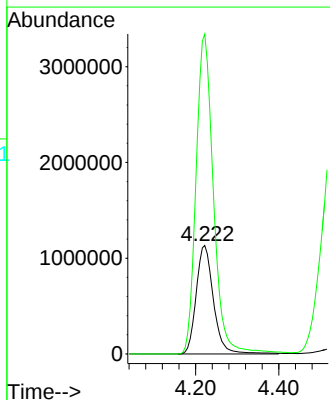
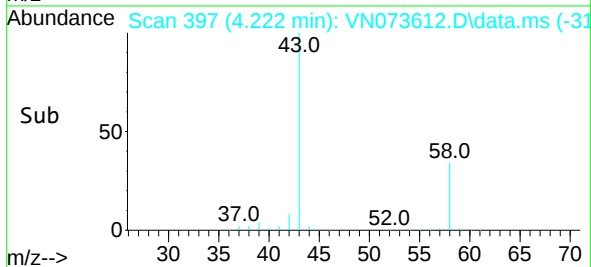
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

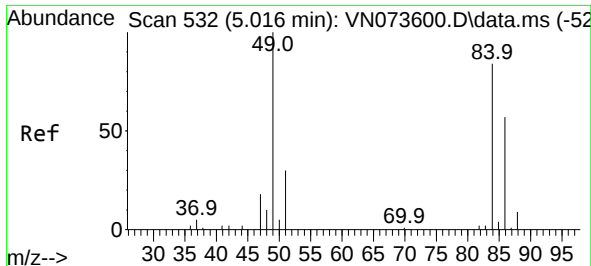


#15
Acetone
Concen: 4714.666 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40



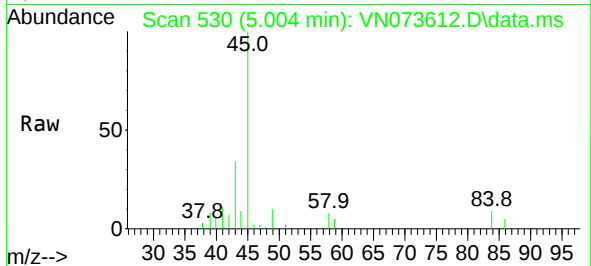
Tgt Ion: 58 Resp: 3270389
Ion Ratio Lower Upper
58 100
43 295.0 256.6 384.8





#18
Methylene Chloride
Concen: 0.739 ug/l m
RT: 5.004 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40

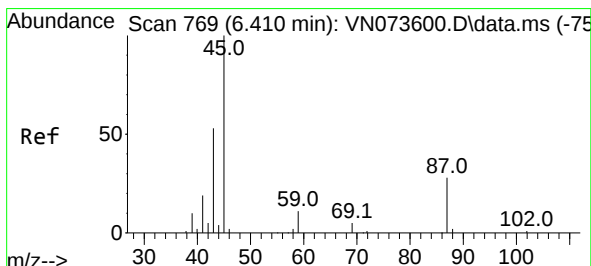
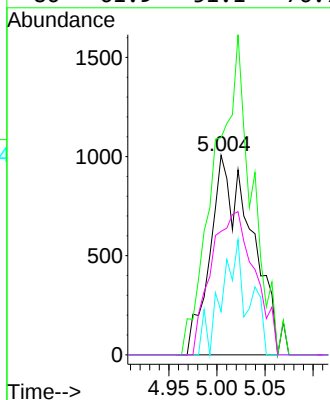
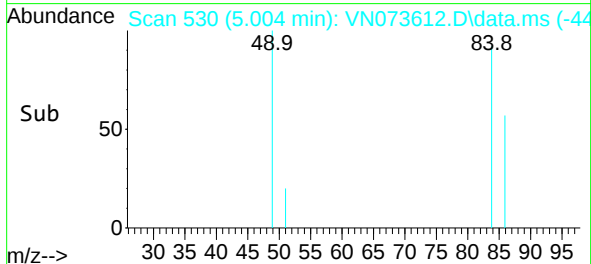
Instrument :
MSVOA_N
ClientSampleId :
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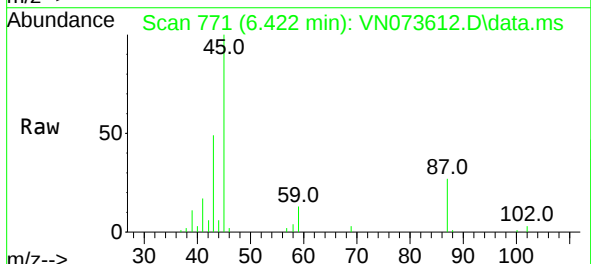
Tgt Ion: 84 Resp: 2980
Ion Ratio Lower Upper
84 100
49 108.8 91.4 137.0
51 21.7 29.4 44.0
86 61.9 51.1 76.7

Manual Integrations
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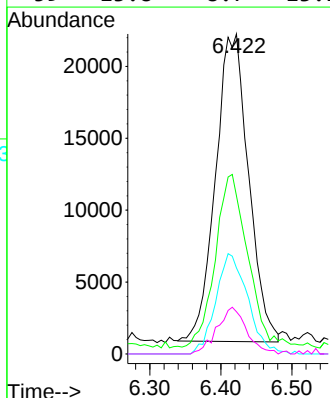
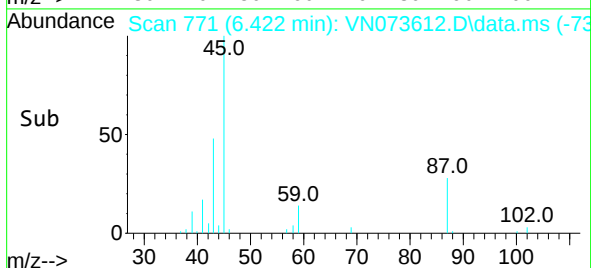
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

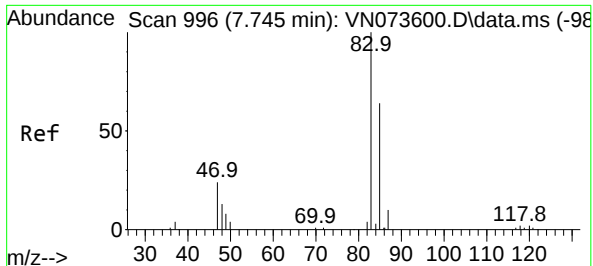


#20
Diisopropyl ether
Concen: 5.979 ug/l
RT: 6.422 min Scan# 771
Delta R.T. 0.012 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40



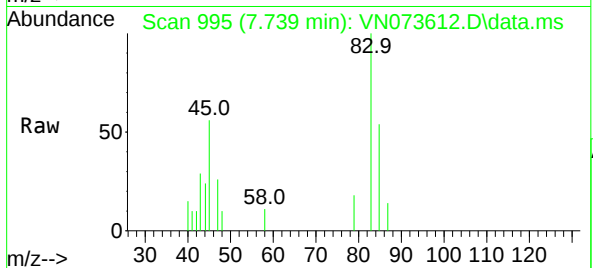
Tgt Ion: 45 Resp: 69015
Ion Ratio Lower Upper
45 100
43 49.1 51.0 76.4#
87 28.1 25.0 37.4
59 13.8 8.7 13.1#





#25
Chloroform
Concen: 0.455 ug/l m
RT: 7.739 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40

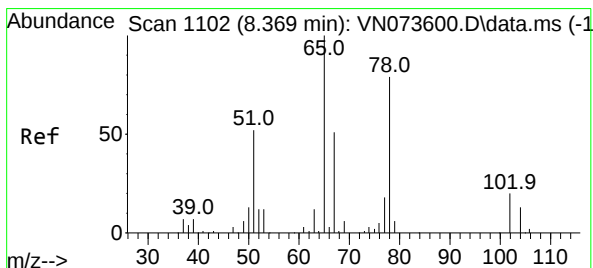
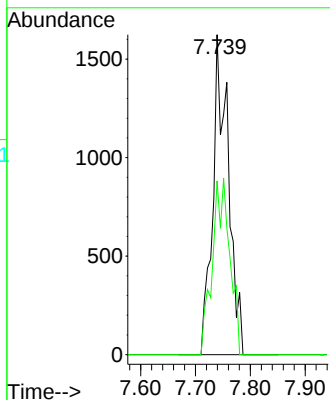
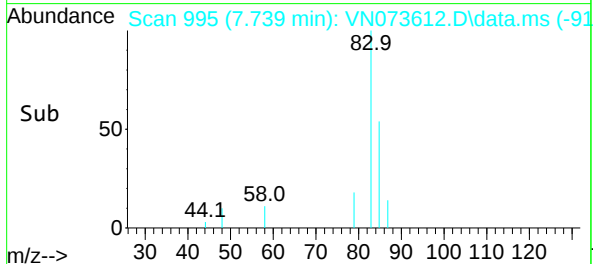
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 83 Resp: 3198
Ion Ratio Lower Upper
83 100
85 54.3 51.3 76.9

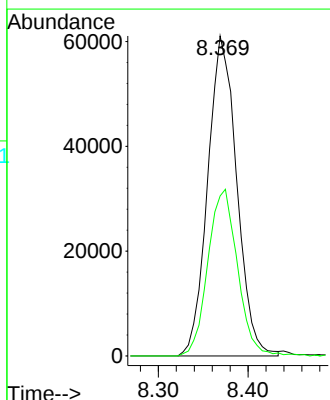
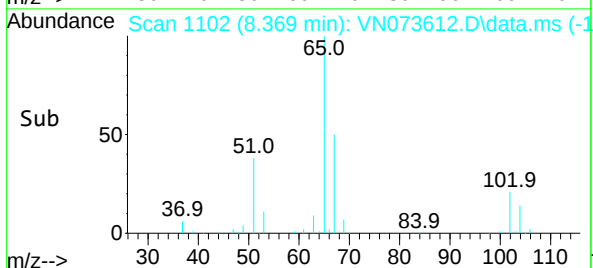
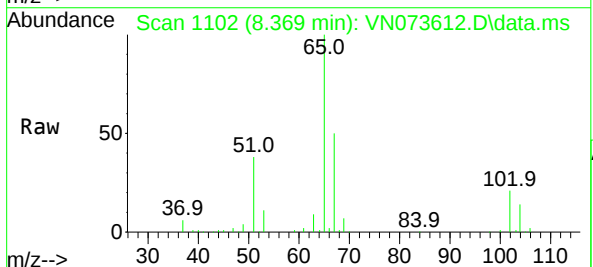
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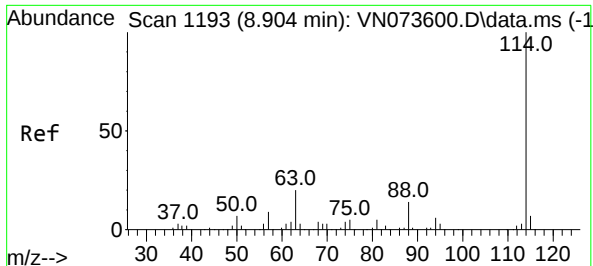
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#27
1,2-Dichloroethane-d4
Concen: 31.257 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40

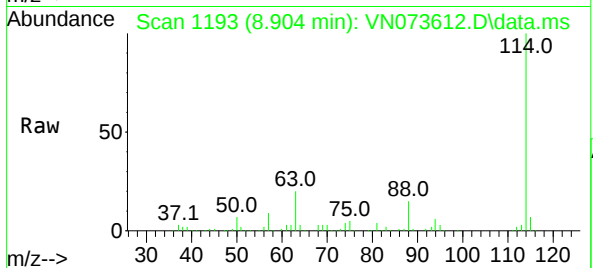
Tgt Ion: 65 Resp: 137317
Ion Ratio Lower Upper
65 100
67 52.9 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40

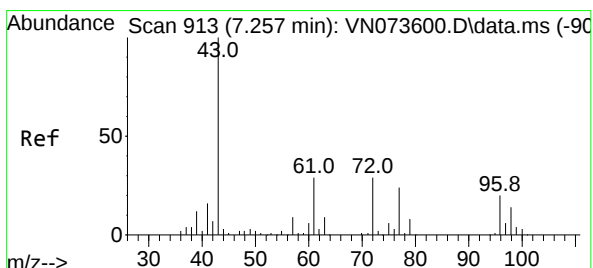
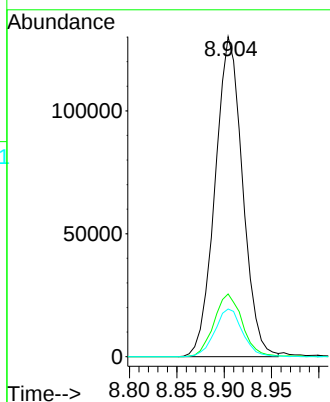
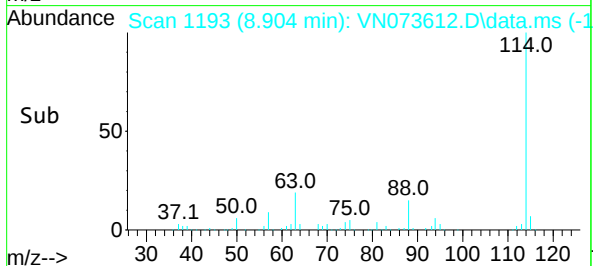
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



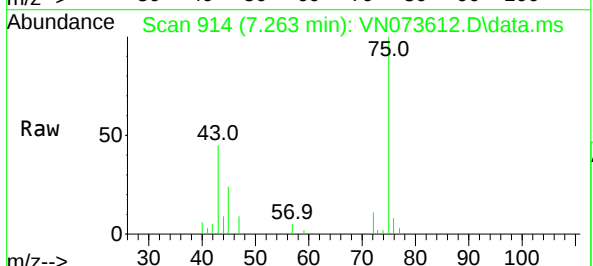
Tgt Ion: 114 Resp: 263320
Ion Ratio Lower Upper
114 100
63 20.1 15.8 23.6
88 14.9 11.6 17.4

Manual Integrations
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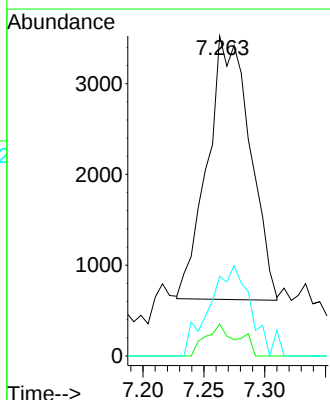
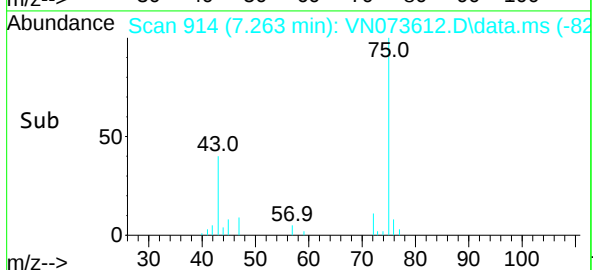
Reviewed By :John Carlone 07/28/2022
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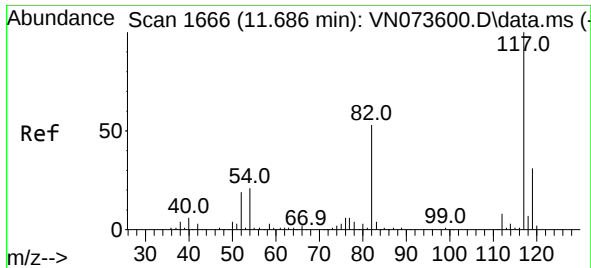


#30
2-Butanone
Concen: 2.077 ug/l m
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40



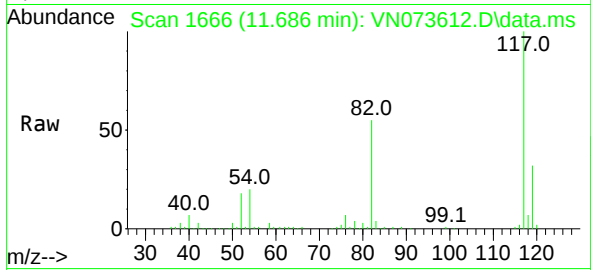
Tgt Ion: 43 Resp: 7066
Ion Ratio Lower Upper
43 100
57 6.8 6.7 10.1
72 3.2 23.2 34.8#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40

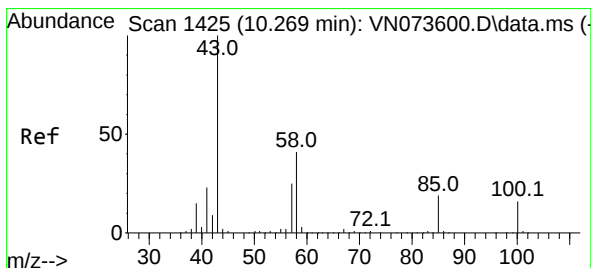
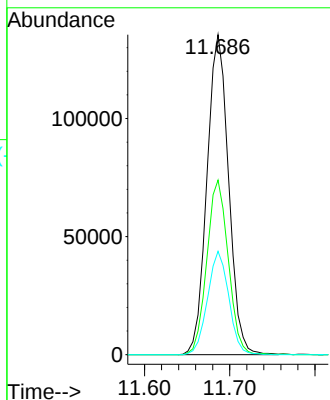
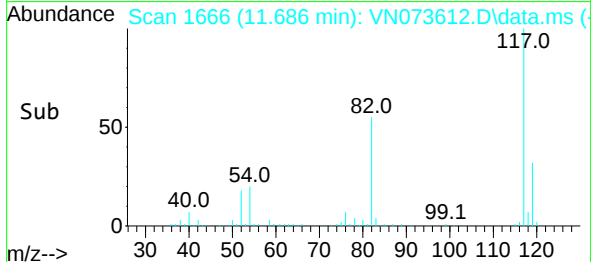
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



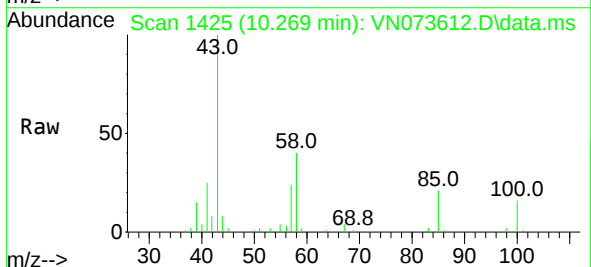
Tgt Ion: 117 Resp: 239278
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 31.7 25.8 38.6

Manual Integrations
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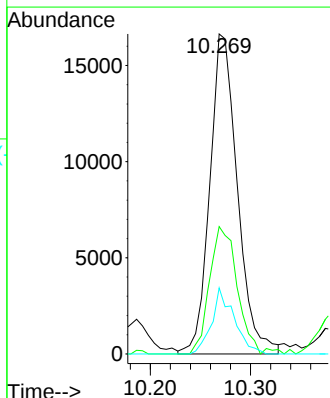
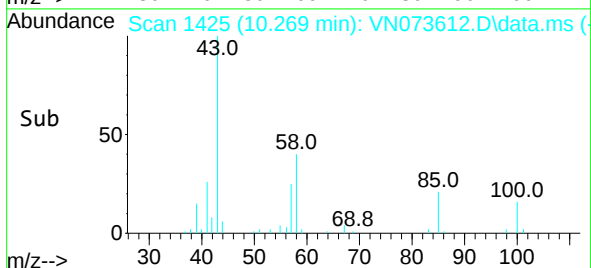
Reviewed By :John Carlone 07/28/2022
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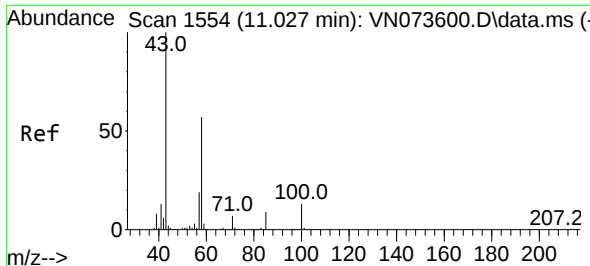


#58
4-Methyl-2-Pentanone
Concen: 5.159 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40



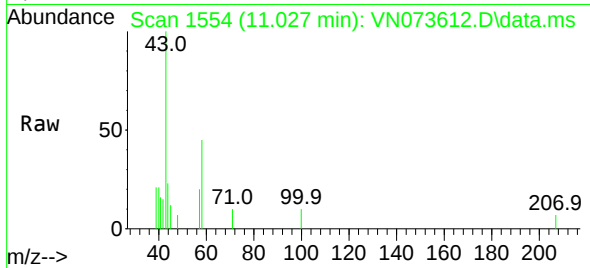
Tgt Ion: 43 Resp: 31919
Ion Ratio Lower Upper
43 100
58 39.4 30.0 45.0
85 16.8 15.0 22.6





#59
2-Hexanone
Concen: 0.954 ug/l
RT: 11.027 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40

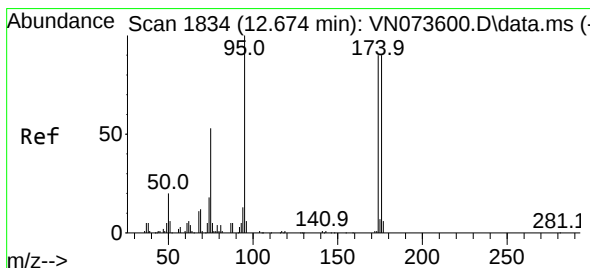
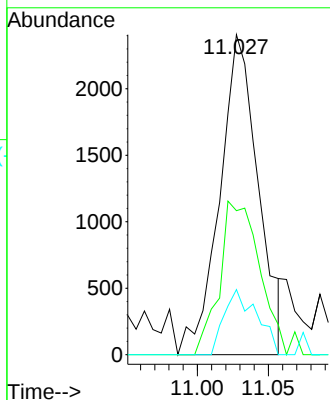
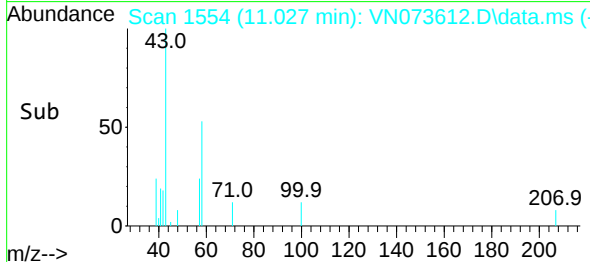
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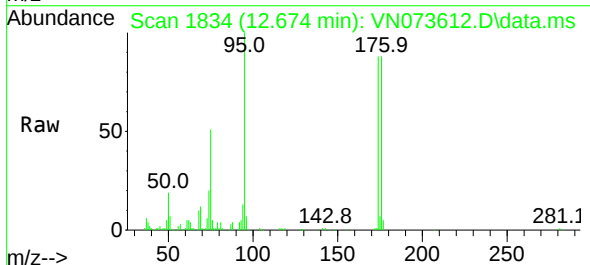
Tgt Ion: 43 Resp: 454
Ion Ratio Lower Upper
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58 49.4 42.2 63.2
57 17.2 15.0 22.4

Manual Integrations
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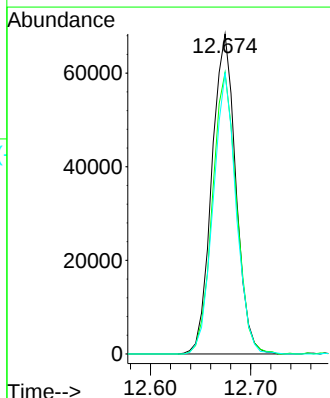
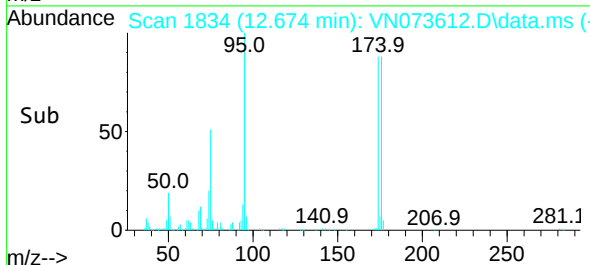
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

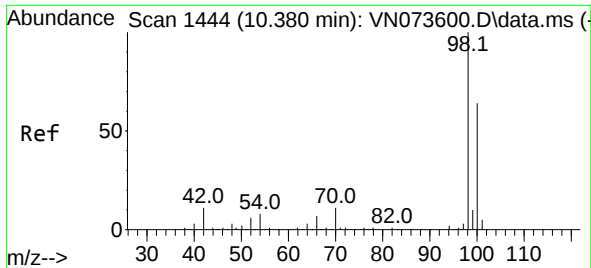


#60
4-Bromofluorobenzene
Concen: 26.848 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40



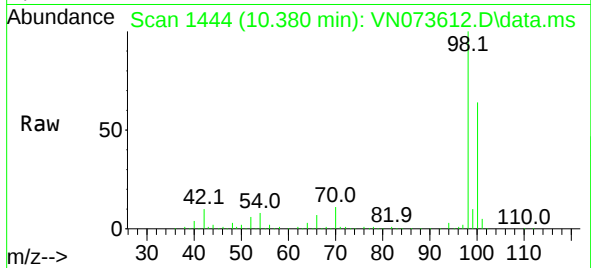
Tgt Ion: 95 Resp: 113750
Ion Ratio Lower Upper
95 100
174 87.8 62.9 94.3
176 83.6 61.0 91.4





#63
Toluene-d8
Concen: 30.431 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073612.D
Acq: 27 Jul 2022 17:40

Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 410009
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0

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