

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
 Data File : VN072035.D
 Acq On : 18 Apr 2022 15:10
 Operator : JC\MD
 Sample : N2433-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Apr 19 01:19:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2022
 Supervised By : Mahesh Dadoda 04/19/2022

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

Internal Standards						
1) Bromochloromethane	7.657	128	93338	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	509338	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	461920	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	186446	28.352	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	94.500%	
60) 4-Bromofluorobenzene	12.727	95	183283	26.760	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	89.200%	
63) Toluene-d8	10.439	98	601833	28.702	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	95.667%	
Target Compounds						
15) Acetone	4.281	58	4066641	4094.166	ug/l	Qvalue 71
18) Methylene Chloride	5.093	84	4103m	0.632	ug/l	
20) Diisopropyl ether	6.493	45	15533m	0.846	ug/l	
25) Chloroform	7.816	83	10282	0.923	ug/l	91
30) 2-Butanone	7.328	43	54507	11.878	ug/l	96
59) 2-Hexanone	11.086	43	5311	0.830	ug/l	97

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

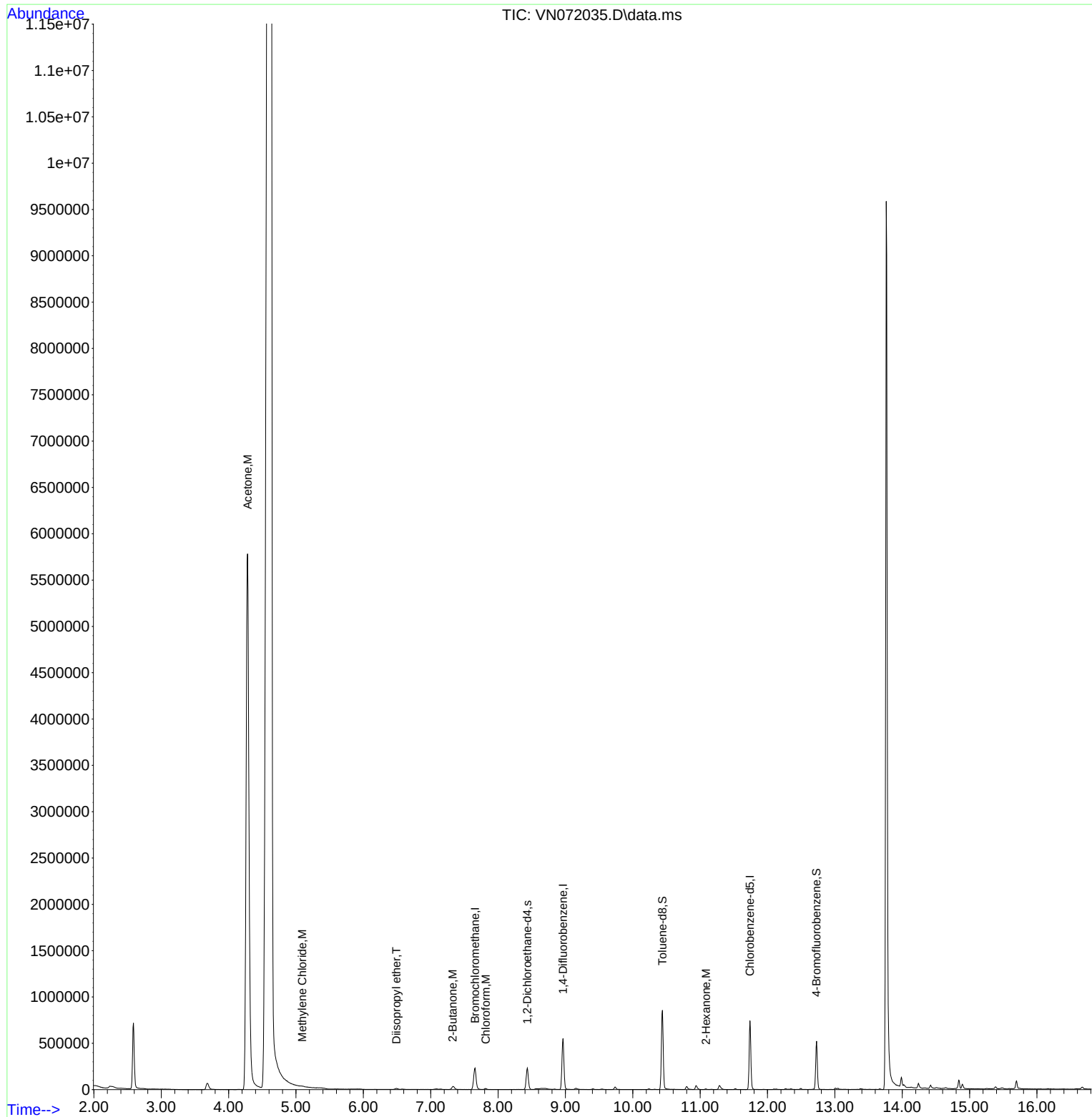
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
Data File : VN072035.D
Acq On : 18 Apr 2022 15:10
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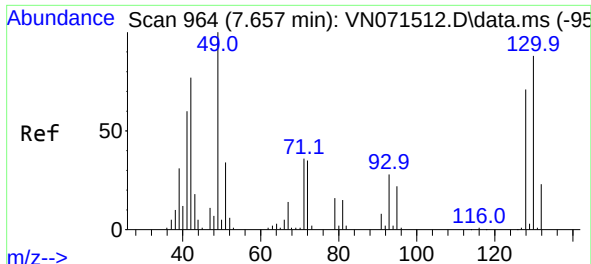
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Time: Apr 19 01:19:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration

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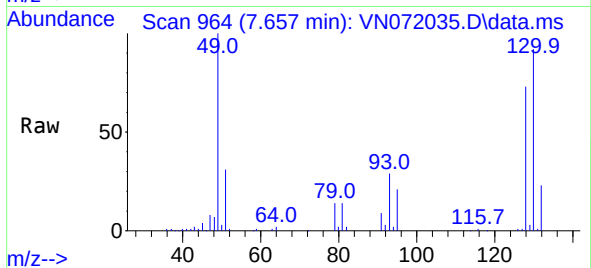
Reviewed By :John Carlone 04/19/2022
Supervised By :Mahesh Dadoda 04/19/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10

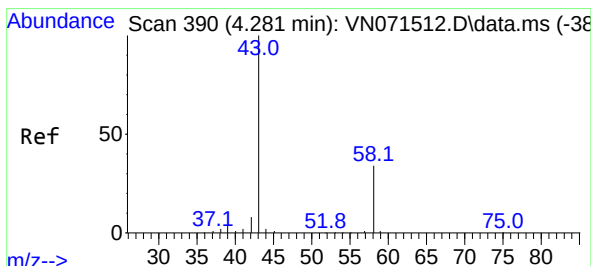
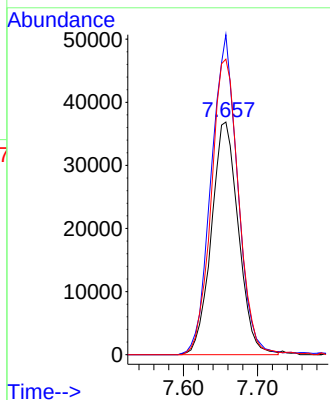
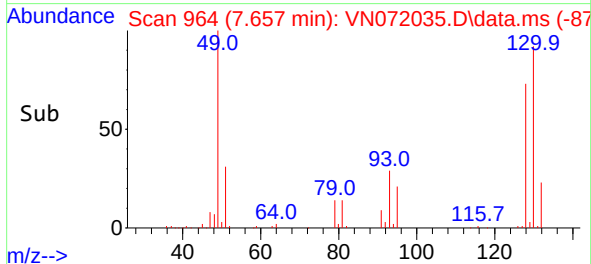
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



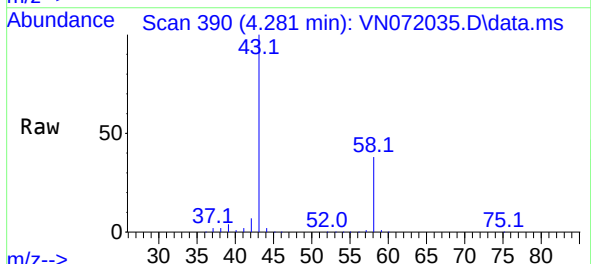
Tgt Ion:128 Resp: 93338
Ion Ratio Lower Upper
128 100
49 134.8 0.0 392.3
130 128.9 0.0 320.2

Manual Integrations
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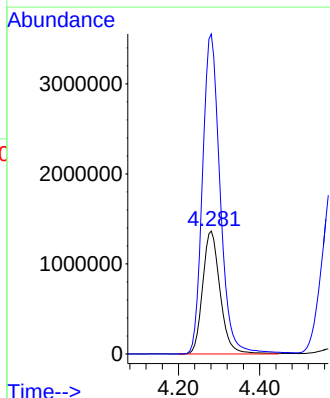
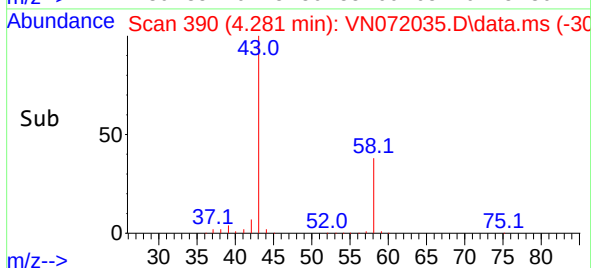
Reviewed By :John Carlone 04/19/2022
Supervised By :Mahesh Dadoda 04/19/2022

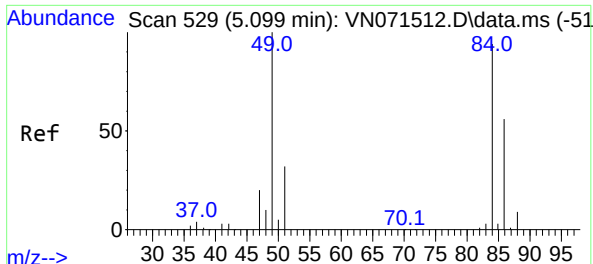


#15
Acetone
Concen: 4094.166 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10



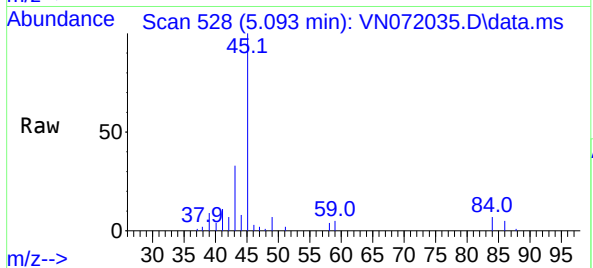
Tgt Ion: 58 Resp: 4066641
Ion Ratio Lower Upper
58 100
43 260.4 256.6 384.8





#18
Methylene Chloride
Concen: 0.632 ug/l m
RT: 5.093 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

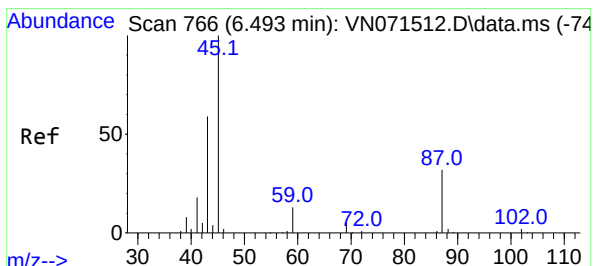
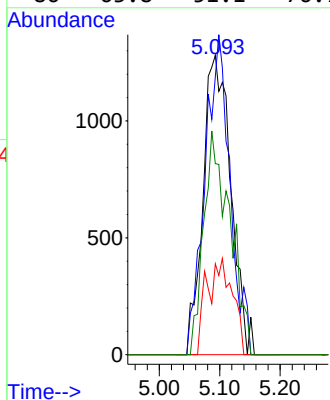
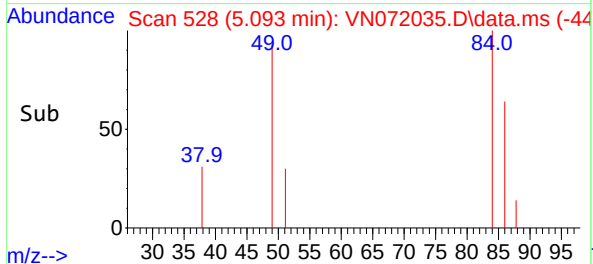


Tgt Ion: 84 Resp: 410

Ion	Ratio	Lower	Upper
84	100		
49	92.8	91.4	137.0
51	30.4	29.4	44.0
86	63.8	51.1	76.7

Manual Integrations
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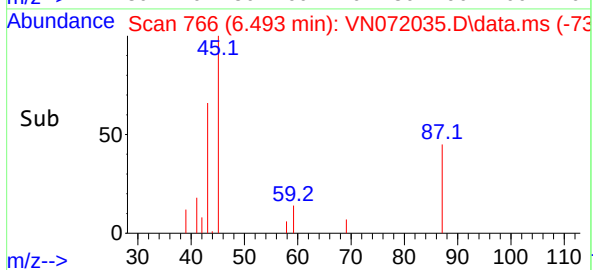
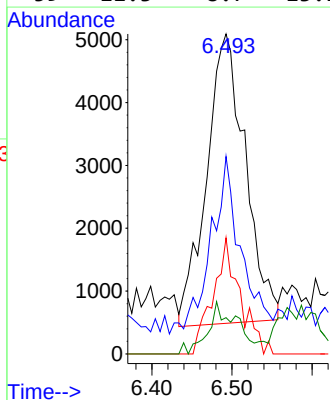
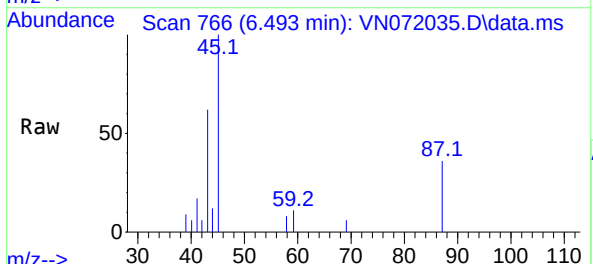
Reviewed By :John Carlone 04/19/2022
Supervised By :Mahesh Dadoda 04/19/2022

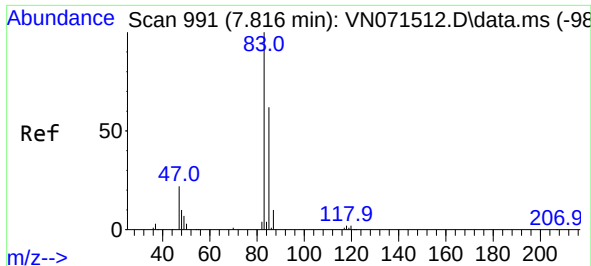


#20
Diisopropyl ether
Concen: 0.846 ug/l m
RT: 6.493 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10

Tgt Ion: 45 Resp: 15533

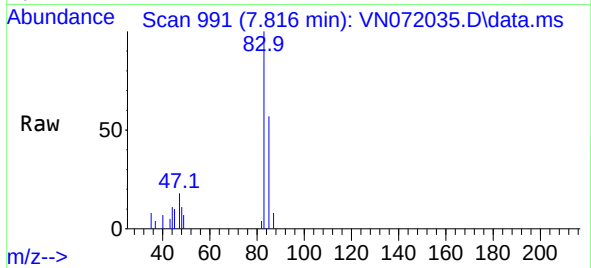
Ion	Ratio	Lower	Upper
45	100		
43	61.7	51.0	76.4
87	36.3	25.0	37.4
59	11.3	8.7	13.1





#25
Chloroform
Concen: 0.923 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10

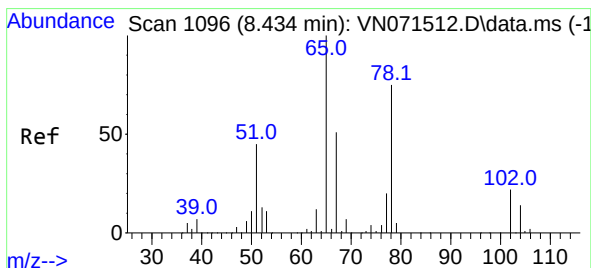
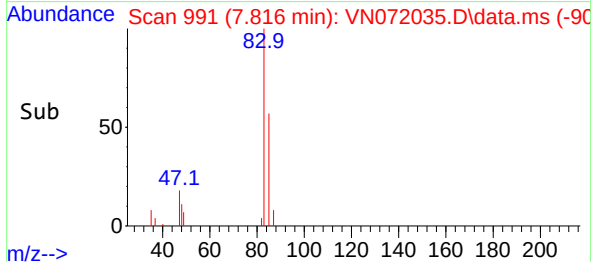
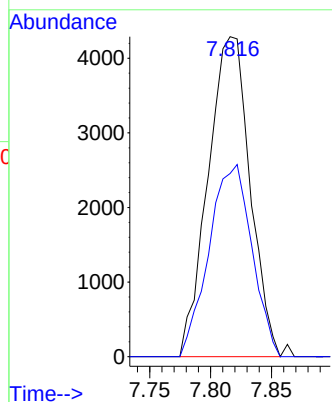
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion: 83 Resp: 1028
Ion Ratio Lower Upper
83 100
85 57.3 51.3 76.9

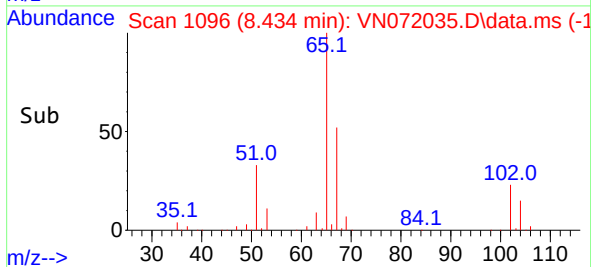
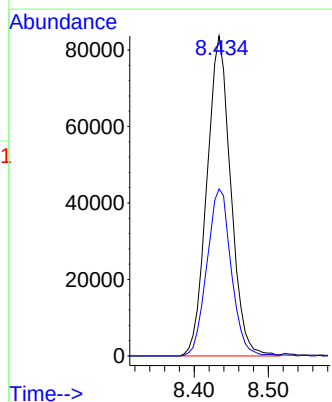
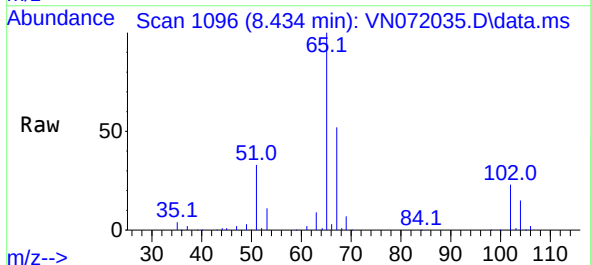
Manual Integrations
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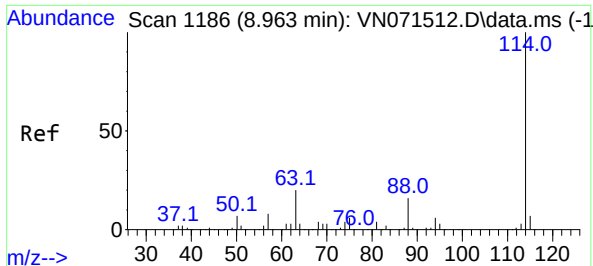
Reviewed By :John Carlone 04/19/2022
Supervised By :Mahesh Dadoda 04/19/2022



#27
1,2-Dichloroethane-d4
Concen: 28.352 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10

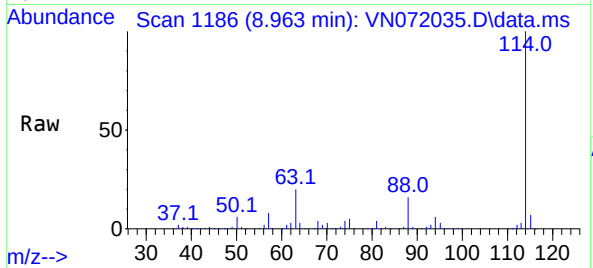
Tgt Ion: 65 Resp: 186446
Ion Ratio Lower Upper
65 100
67 53.0 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10

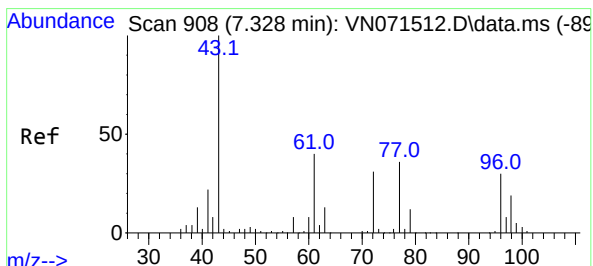
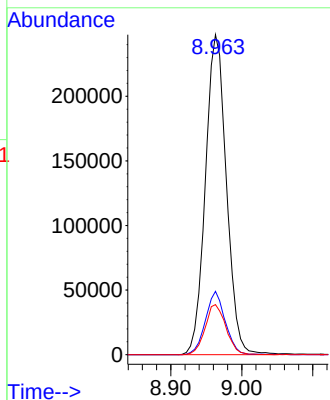
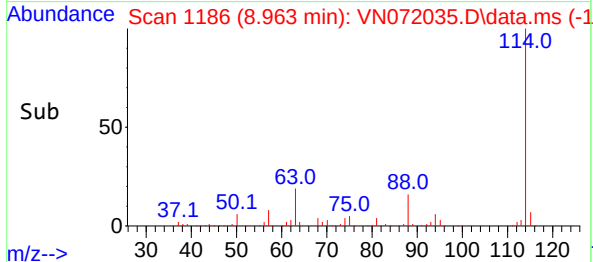
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



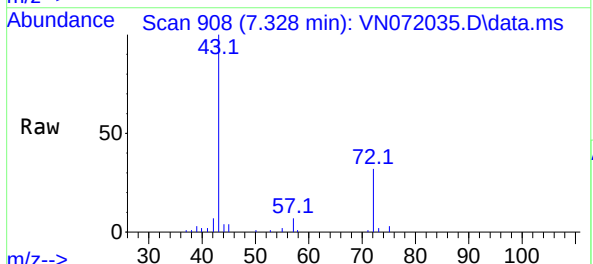
Tgt Ion:114 Resp: 509338
Ion Ratio Lower Upper
114 100
63 18.6 15.8 23.6
88 15.6 11.6 17.4

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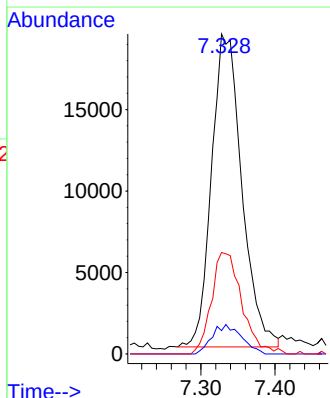
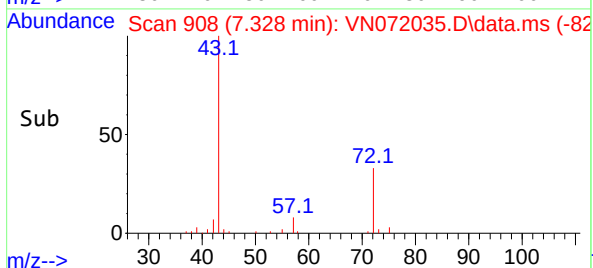
Reviewed By :John Carlone 04/19/2022
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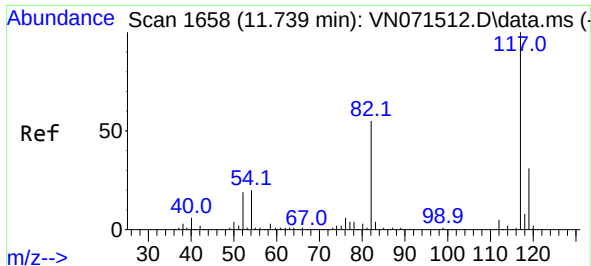


#30
2-Butanone
Concen: 11.878 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10



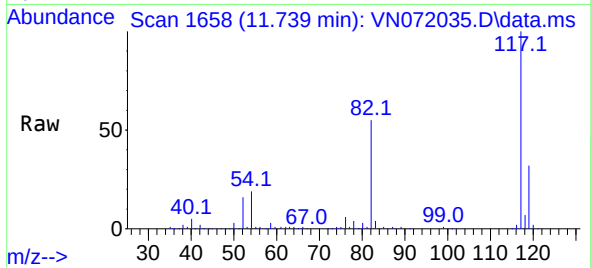
Tgt Ion: 43 Resp: 54507
Ion Ratio Lower Upper
43 100
57 9.1 6.7 10.1
72 31.5 23.2 34.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10

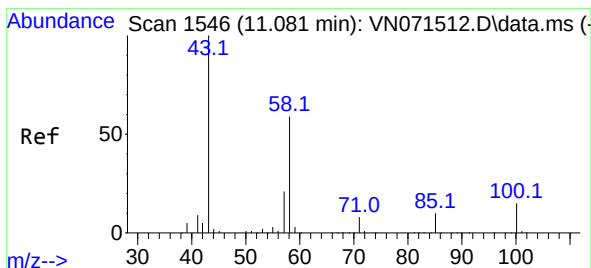
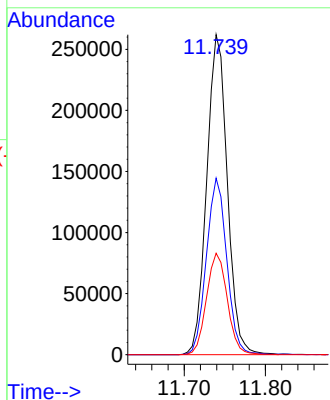
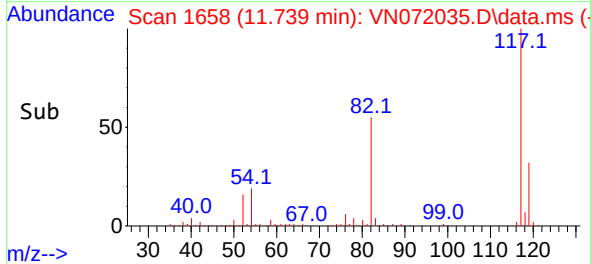
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



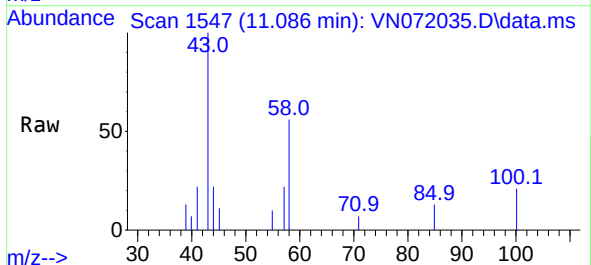
Tgt Ion: 117 Resp: 461920
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 32.0 25.8 38.6

Manual Integrations
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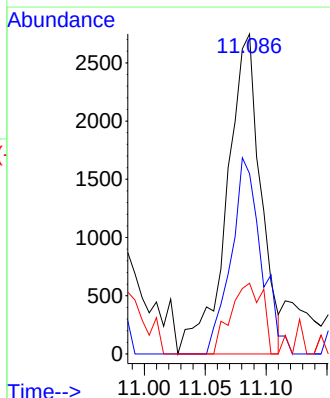
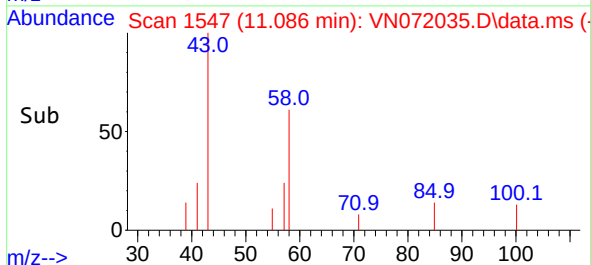
Reviewed By :John Carlone 04/19/2022
Supervised By :Mahesh Dadoda 04/19/2022

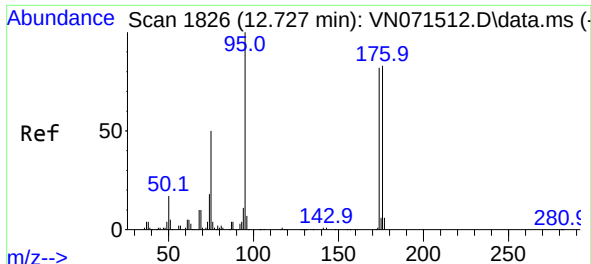


#59
2-Hexanone
Concen: 0.830 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10



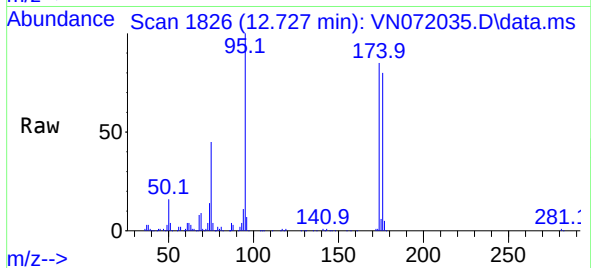
Tgt Ion: 43 Resp: 5311
Ion Ratio Lower Upper
43 100
58 55.1 42.2 63.2
57 17.3 15.0 22.4





#60
4-Bromofluorobenzene
Concen: 26.760 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10

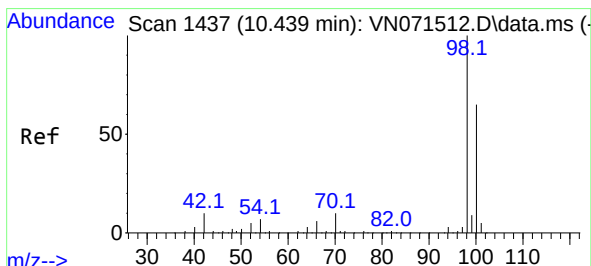
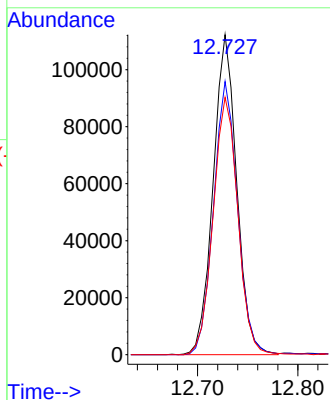
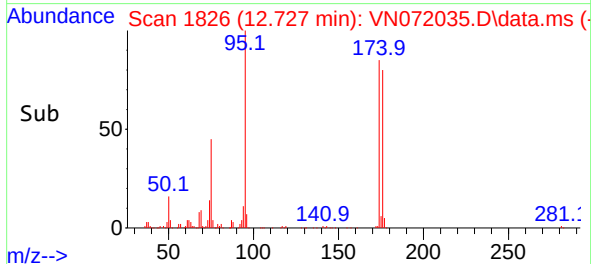
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion: 95 Resp: 18328
Ion Ratio Lower Upper
95 100
174 86.8 62.9 94.3
176 84.2 61.0 91.4

Manual Integrations
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Reviewed By :John Carbone 04/19/2022
Supervised By :Mahesh Dadoda 04/19/2022



#63
Toluene-d8
Concen: 28.702 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072035.D
Acq: 18 Apr 2022 15:10

Tgt Ion: 98 Resp: 601833
Ion Ratio Lower Upper
98 100
100 64.6 50.6 76.0

