

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080822\
 Data File : VN073774.D
 Acq On : 08 Aug 2022 16:50
 Operator : JC\MD
 Sample : N4079-02 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Aug 09 00:28:39 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 08/09/2022
 Supervised By : Mahesh Dadoda 08/09/2022

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

Internal Standards						
1) Bromochloromethane	7.586	128	49346	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	250996	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	231387	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	135483	31.755	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.833%			
60) 4-Bromofluorobenzene	12.674	95	109685	26.772	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 89.233%			
63) Toluene-d8	10.380	98	374828	28.769	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.900%			
Target Compounds						
						Qvalue
15) Acetone	4.222	58	1704048	2529.526	ug/l	91
18) Methylene Chloride	5.022	84	3727m	0.952	ug/l	
25) Chloroform	7.745	83	7033	1.030	ug/l	89

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

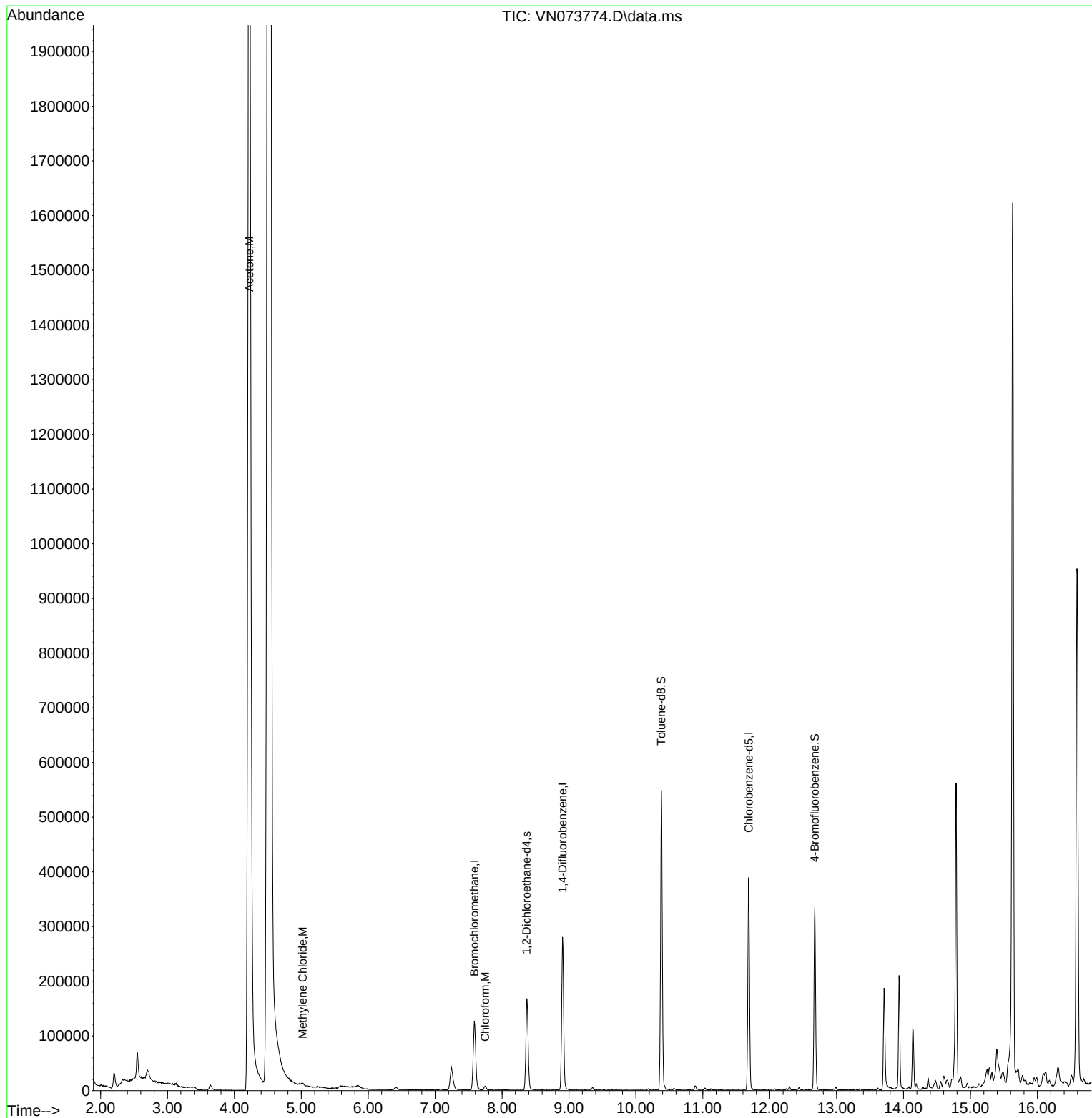
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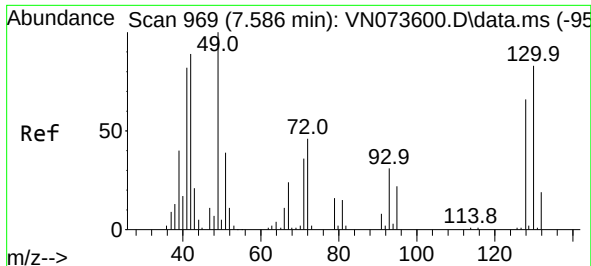
Instrument :
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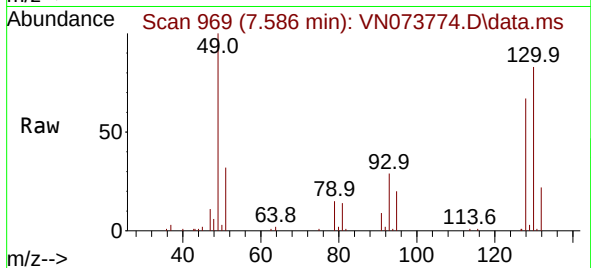
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN073774.D
Acq: 08 Aug 2022 16:50

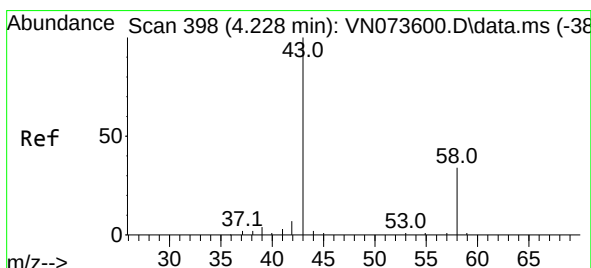
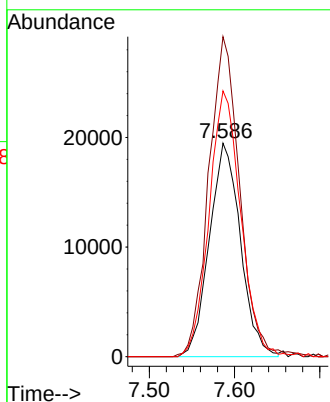
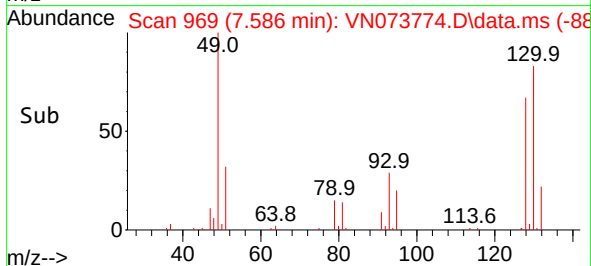
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



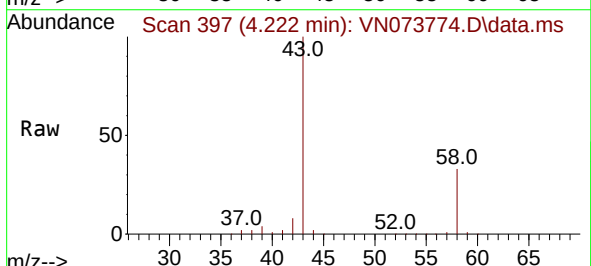
Tgt Ion:128 Resp: 49340
Ion Ratio Lower Upper
128 100
49 147.6 0.0 392.3
130 126.2 0.0 320.2

Manual Integrations
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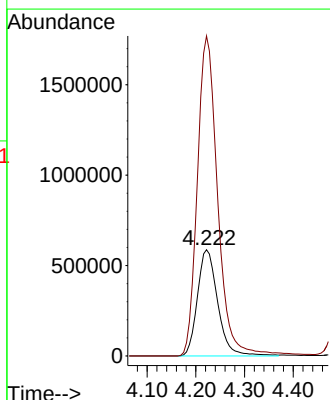
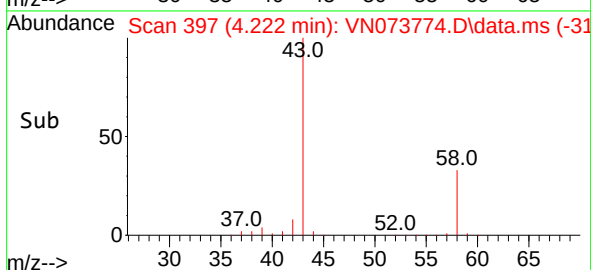
Reviewed By :John Carlone 08/09/2022
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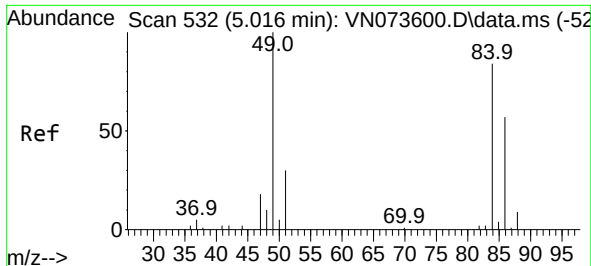


#15
Acetone
Concen: 2529.526 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN073774.D
Acq: 08 Aug 2022 16:50



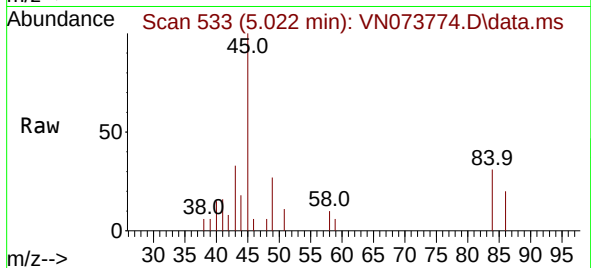
Tgt Ion: 58 Resp: 1704048
Ion Ratio Lower Upper
58 100
43 301.2 256.6 384.8





#18
Methylene Chloride
Concen: 0.952 ug/l m
RT: 5.022 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073774.D
Acq: 08 Aug 2022 16:50

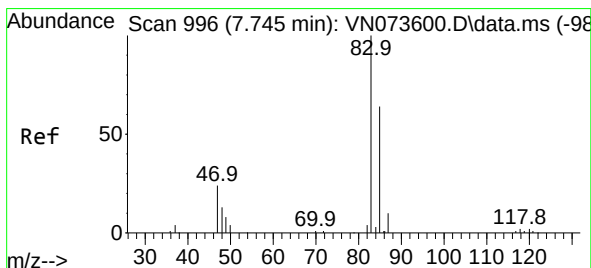
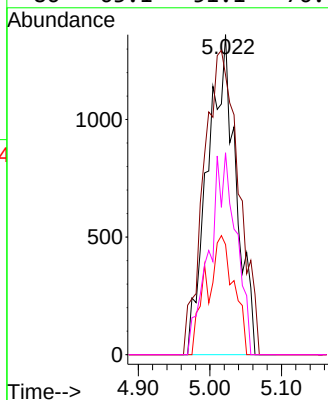
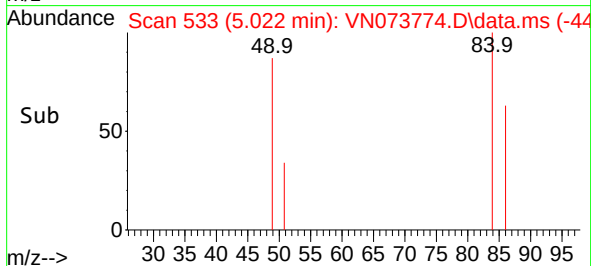
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion: 84 Resp: 372
Ion Ratio Lower Upper
84 100
49 87.4 91.4 137.0
51 34.4 29.4 44.0
86 63.1 51.1 76.7

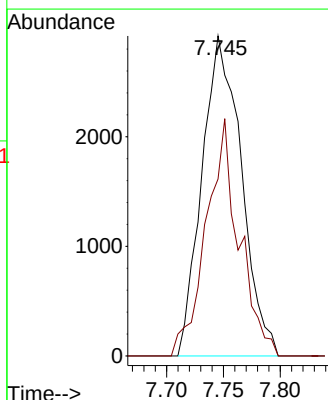
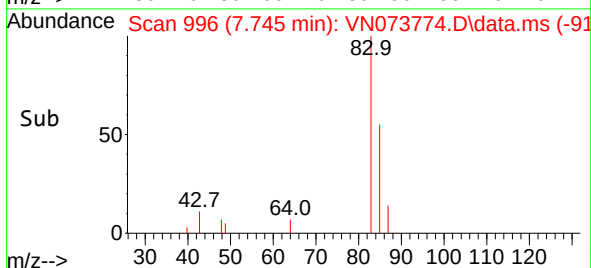
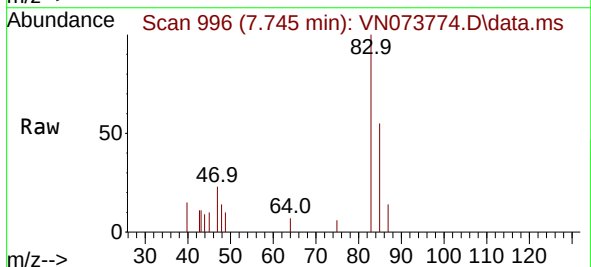
Manual Integrations
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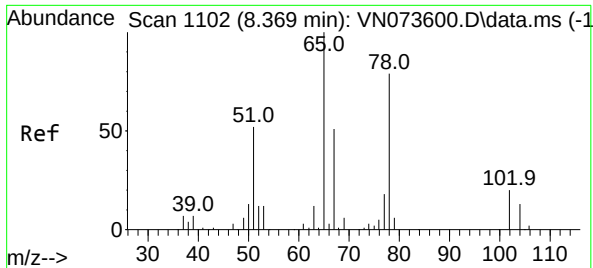
Reviewed By :John Carlone 08/09/2022
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#25
Chloroform
Concen: 1.030 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073774.D
Acq: 08 Aug 2022 16:50

Tgt Ion: 83 Resp: 7033
Ion Ratio Lower Upper
83 100
85 55.3 51.3 76.9





#27

1,2-Dichloroethane-d4

Concen: 31.755 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073774.D

Acq: 08 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

Tgt Ion: 65 Resp: 13548

Ion Ratio Lower Upper

65 100

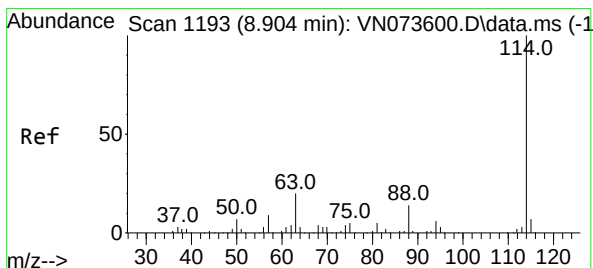
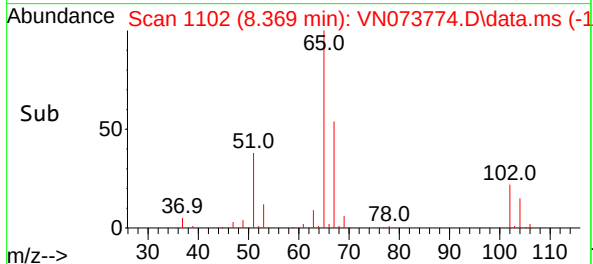
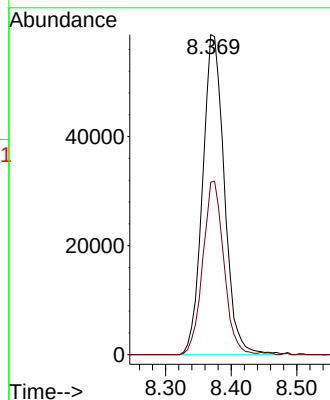
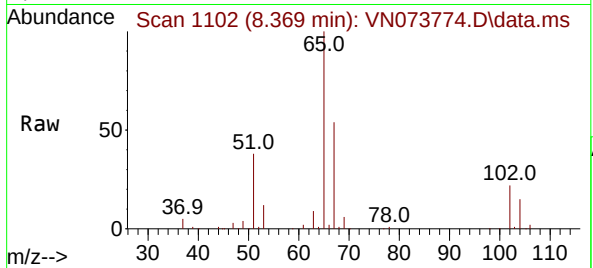
67 52.5 40.2 60.2

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073774.D

Acq: 08 Aug 2022 16:50

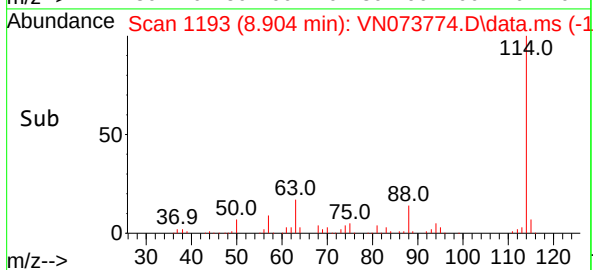
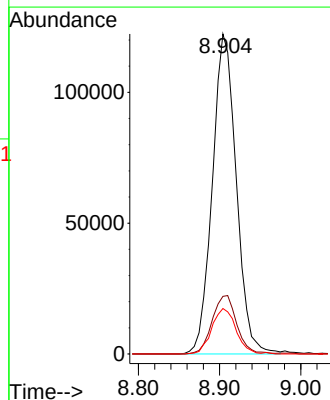
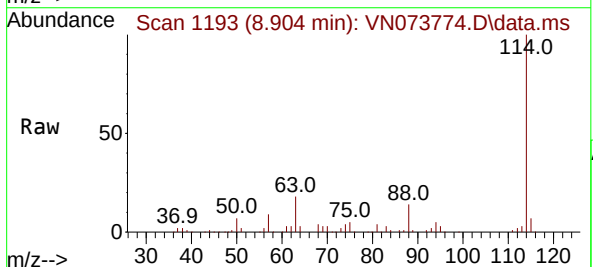
Tgt Ion:114 Resp: 250996

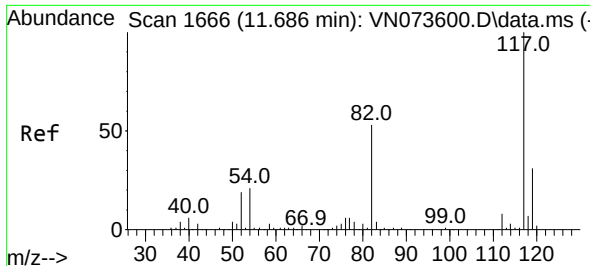
Ion Ratio Lower Upper

114 100

63 18.5 15.8 23.6

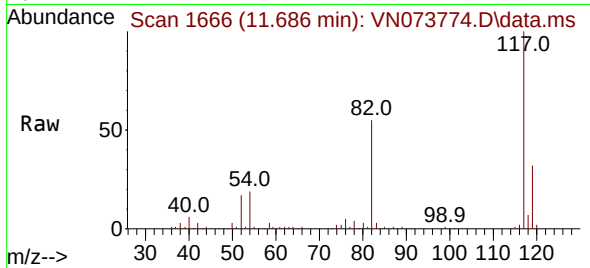
88 14.3 11.6 17.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073774.D
Acq: 08 Aug 2022 16:50

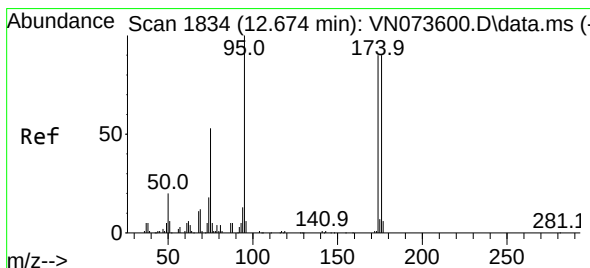
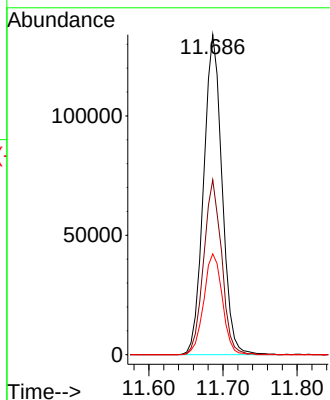
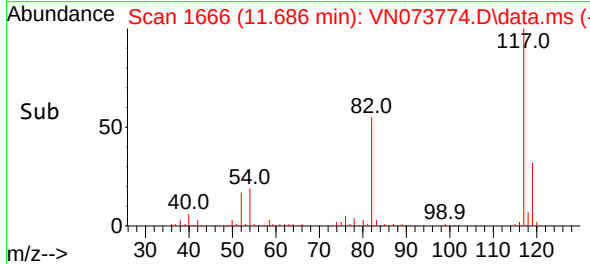
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



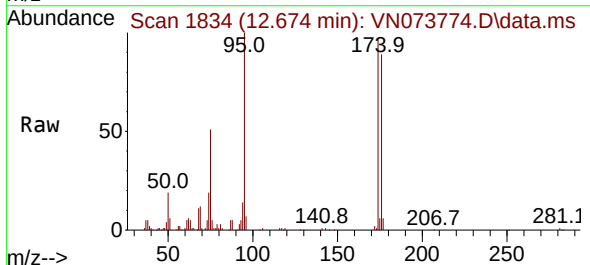
Tgt Ion: 117 Resp: 23138
Ion Ratio Lower Upper
117 100
82 53.3 43.6 65.4
119 31.7 25.8 38.6

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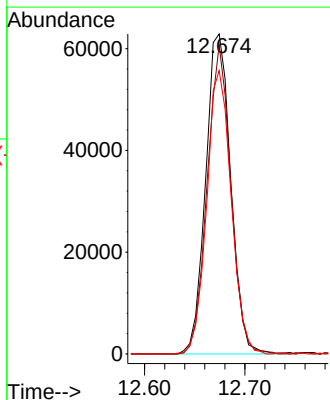
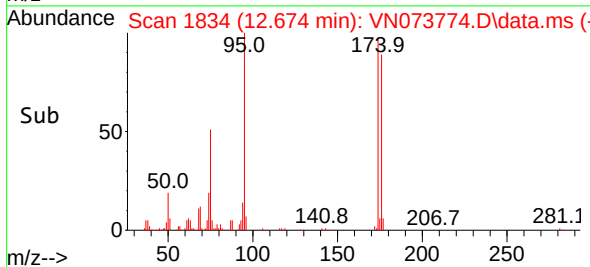
Reviewed By :John Carlone 08/09/2022
Supervised By :Mahesh Dadoda 08/09/2022

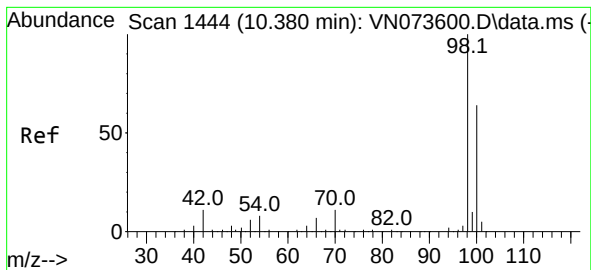


#60
4-Bromofluorobenzene
Concen: 26.772 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073774.D
Acq: 08 Aug 2022 16:50



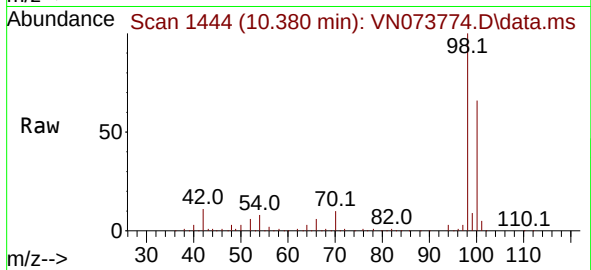
Tgt Ion: 95 Resp: 109685
Ion Ratio Lower Upper
95 100
174 90.9 62.9 94.3
176 86.2 61.0 91.4





#63
Toluene-d8
Concen: 28.769 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073774.D
Acq: 08 Aug 2022 16:50

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion: 98 Resp: 374828
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0

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