

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074069.D
 Acq On : 23 Aug 2022 15:36
 Operator : JC\MD
 Sample : N4277-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 U-2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 01:21:25 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

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

Internal Standards						
1) Bromochloromethane	7.586	128	76400	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	379067	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	335402	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	190890	28.898	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.333%	
60) 4-Bromofluorobenzene	12.674	95	155285	26.148	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	87.167%	
63) Toluene-d8	10.380	98	535707	28.366	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	94.567%	
Target Compounds						Qvalue
3) Chloromethane	2.269	50	2078	0.303	ug/l	98
12) Methyl Acetate	4.787	43	4548m	0.559	ug/l	
15) Acetone	4.222	58	3697m	3.545	ug/l	
25) Chloroform	7.745	83	286338	27.087	ug/l	100
61) Tetrachloroethene	10.916	164	4412	0.859	ug/l	96

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

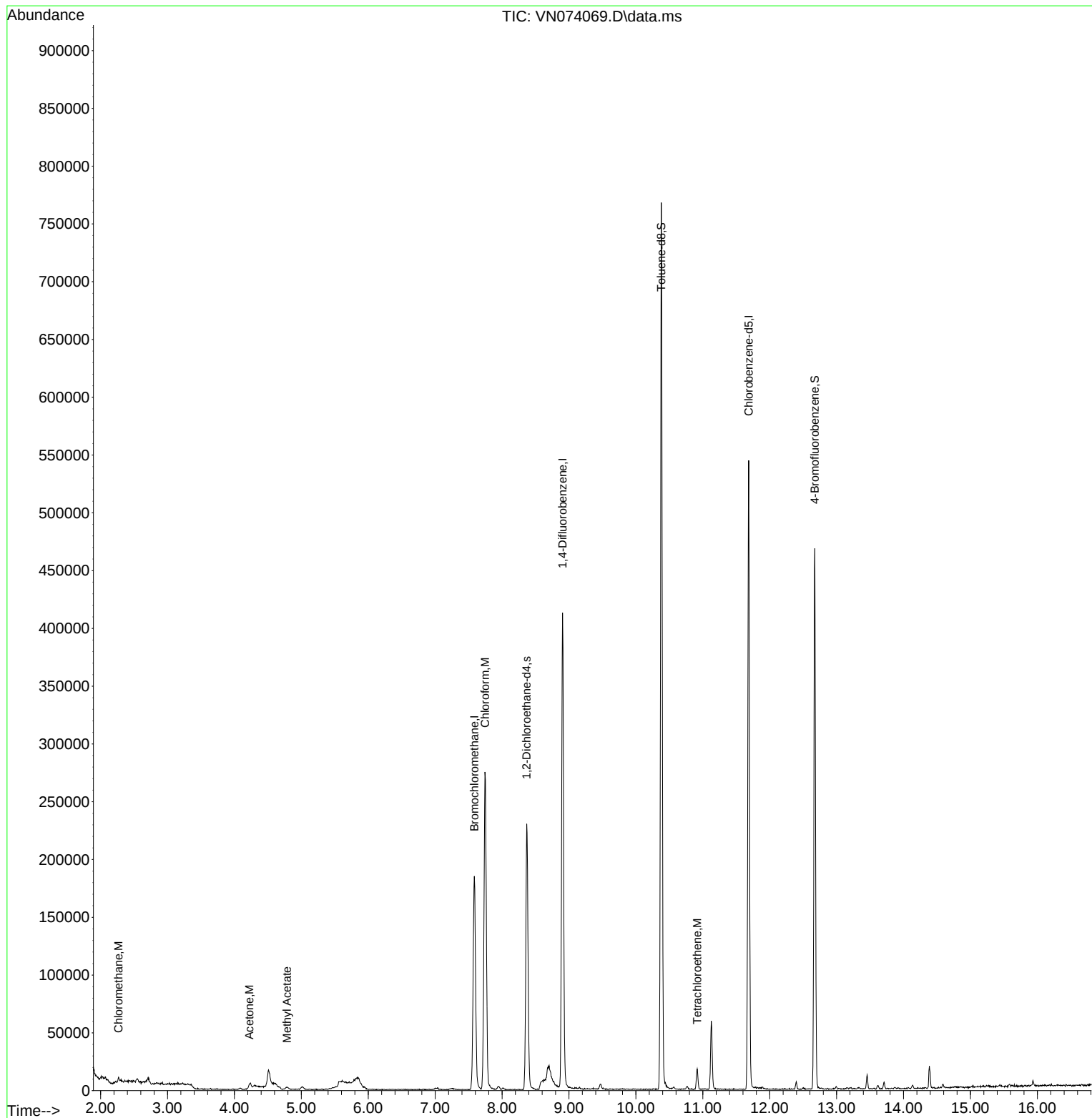
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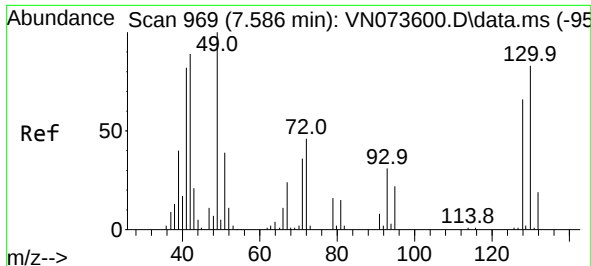
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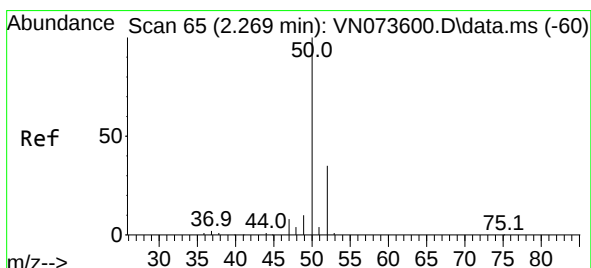
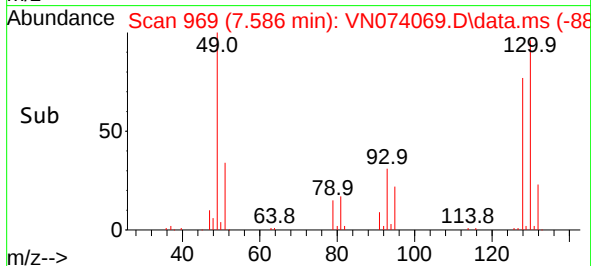
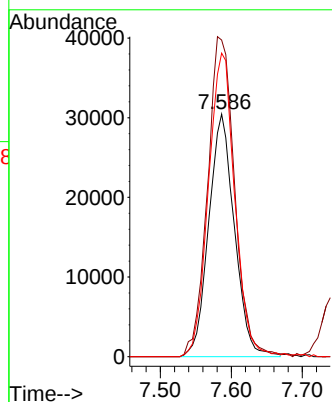
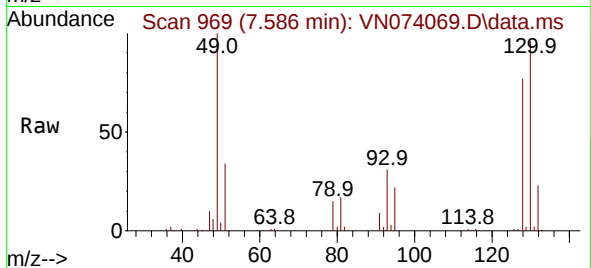
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN074069.D
Acq: 23 Aug 2022 15:36

Instrument :
MSVOA_N
ClientSampleId :
U-2

Tgt Ion:128 Resp: 76400
Ion Ratio Lower Upper
128 100
49 139.0 0.0 392.3
130 128.6 0.0 320.2

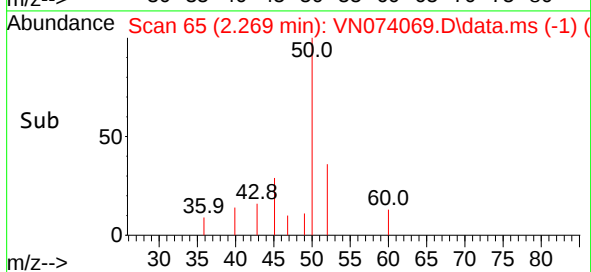
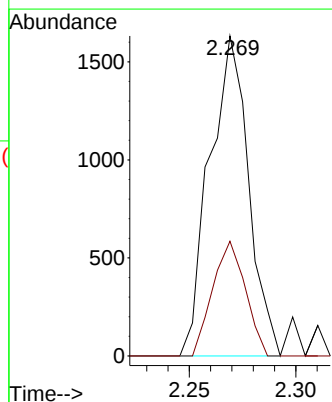
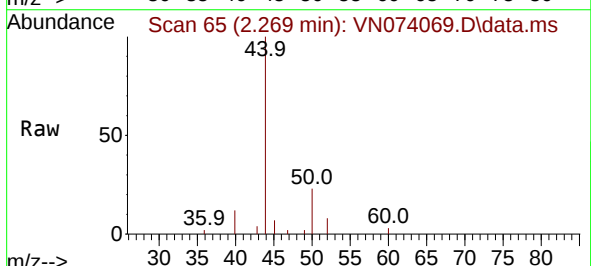
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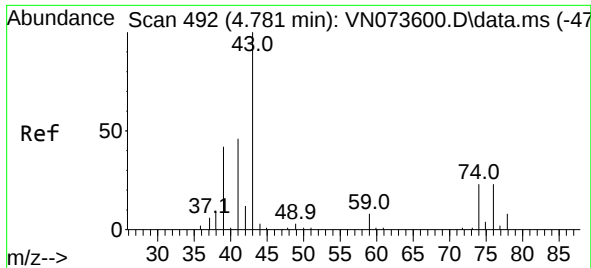
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#3
Chloromethane
Concen: 0.303 ug/l
RT: 2.269 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN074069.D
Acq: 23 Aug 2022 15:36

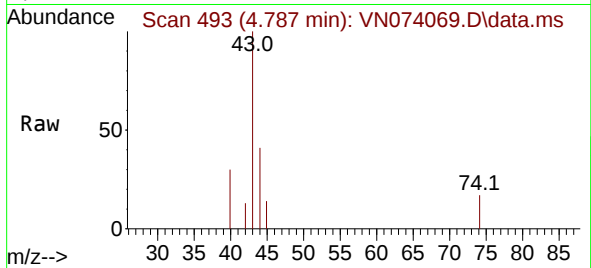
Tgt Ion: 50 Resp: 2078
Ion Ratio Lower Upper
50 100
52 35.8 27.8 41.6





#12
Methyl Acetate
Concen: 0.559 ug/l m
RT: 4.787 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN074069.D
Acq: 23 Aug 2022 15:36

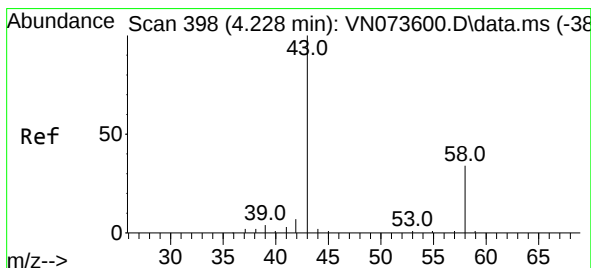
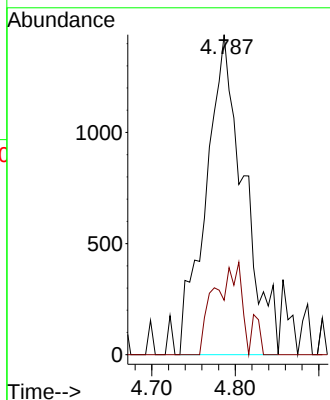
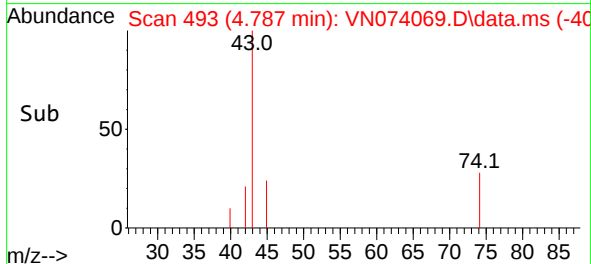
Instrument :
MSVOA_N
ClientSampleId :
U-2



Tgt Ion: 43 Resp: 4548
Ion Ratio Lower Upper
43 100
74 17.0 20.8 31.2

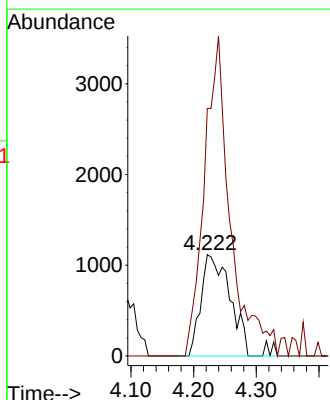
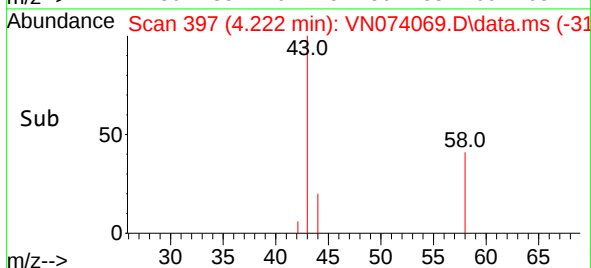
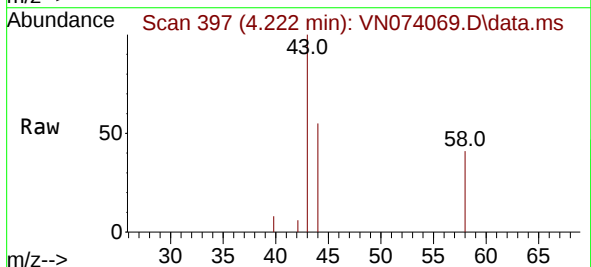
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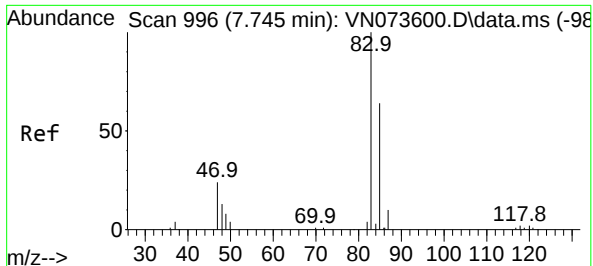
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#15
Acetone
Concen: 3.545 ug/l m
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN074069.D
Acq: 23 Aug 2022 15:36

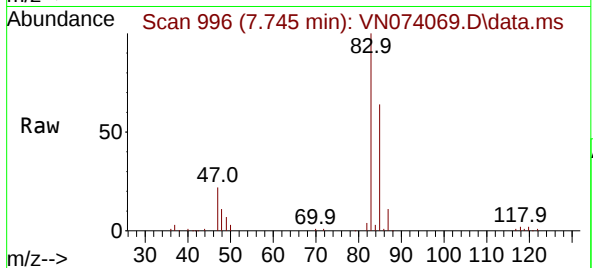
Tgt Ion: 58 Resp: 3697
Ion Ratio Lower Upper
58 100
43 244.2 256.6 384.8





#25
Chloroform
Concen: 27.087 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN074069.D
Acq: 23 Aug 2022 15:36

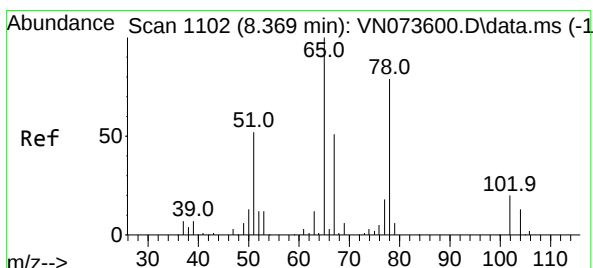
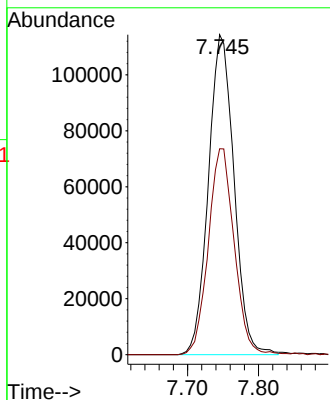
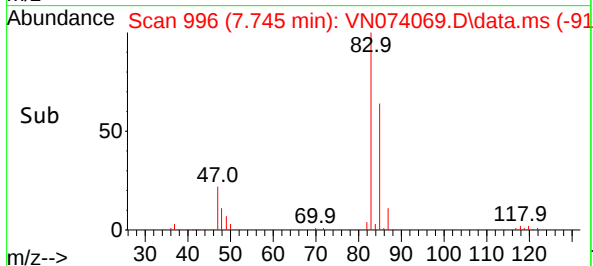
Instrument :
MSVOA_N
ClientSampleId :
U-2



Tgt Ion: 83 Resp: 286338
Ion Ratio Lower Upper
83 100
85 64.4 51.3 76.9

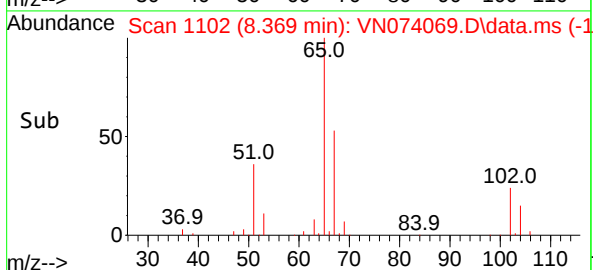
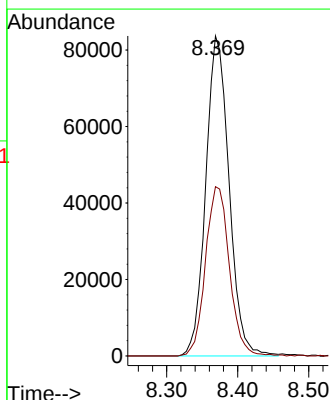
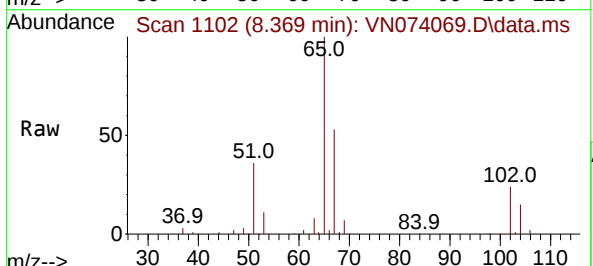
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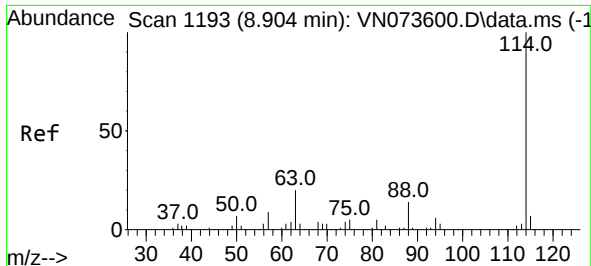
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#27
1,2-Dichloroethane-d4
Concen: 28.898 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074069.D
Acq: 23 Aug 2022 15:36

Tgt Ion: 65 Resp: 190890
Ion Ratio Lower Upper
65 100
67 54.2 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: VN074069.D

Acq: 23 Aug 2022 15:36

Instrument :

MSVOA_N

ClientSampleId :

U-2

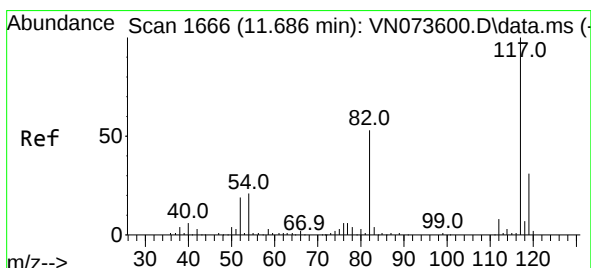
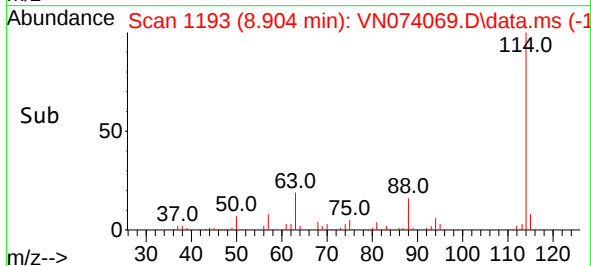
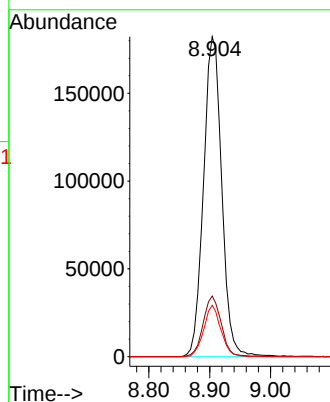
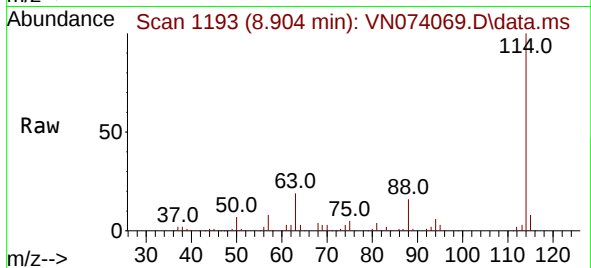
Tgt Ion:	114	Resp:	37906
Ion Ratio	Lower	Upper	
114	100		
63	18.7	15.8	23.6
88	15.1	11.6	17.4

Manual Integrations

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Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

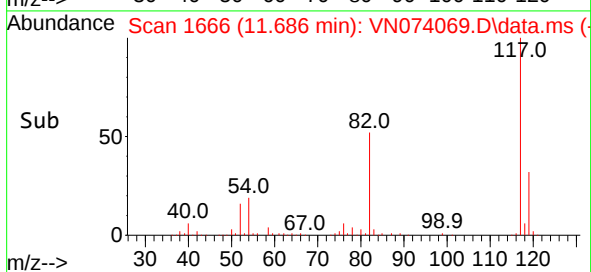
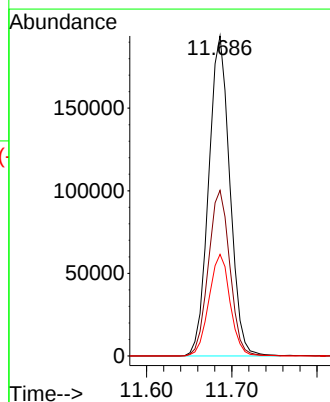
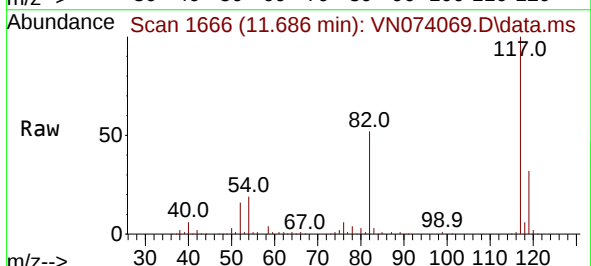
RT: 11.686 min Scan# 1666

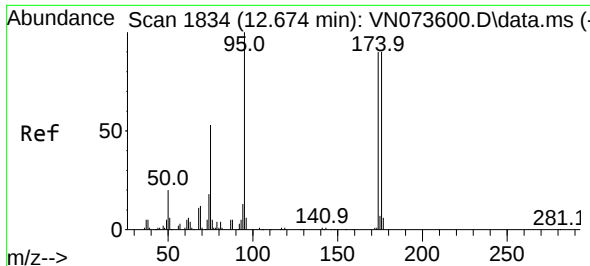
Delta R.T. -0.000 min

Lab File: VN074069.D

Acq: 23 Aug 2022 15:36

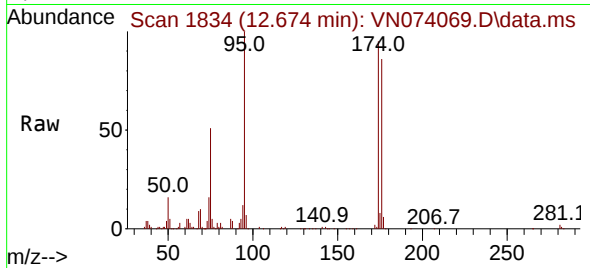
Tgt Ion:	117	Resp:	335402
Ion Ratio	Lower	Upper	
117	100		
82	52.5	43.6	65.4
119	31.7	25.8	38.6





#60
4-Bromofluorobenzene
Concen: 26.148 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074069.D
Acq: 23 Aug 2022 15:36

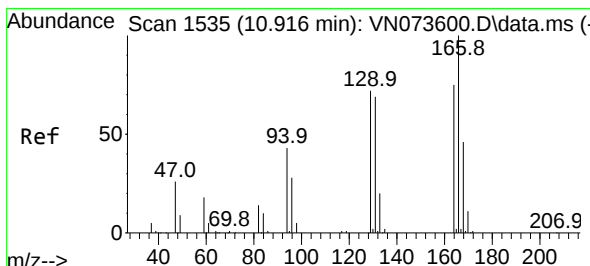
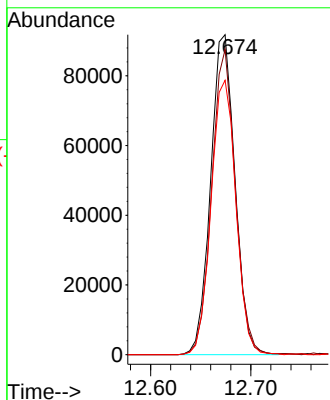
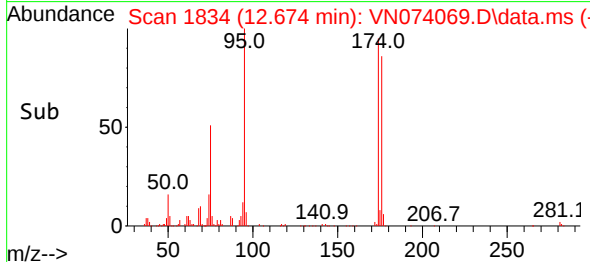
Instrument :
MSVOA_N
ClientSampleId :
U-2



Tgt Ion: 95 Resp: 15528
Ion Ratio Lower Upper
95 100
174 92.4 62.9 94.3
176 87.3 61.0 91.4

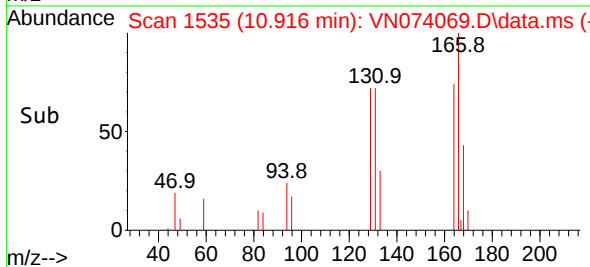
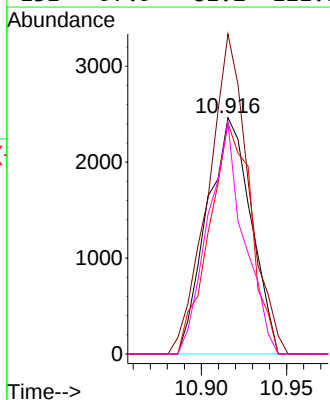
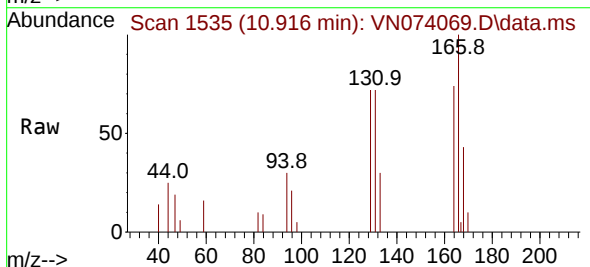
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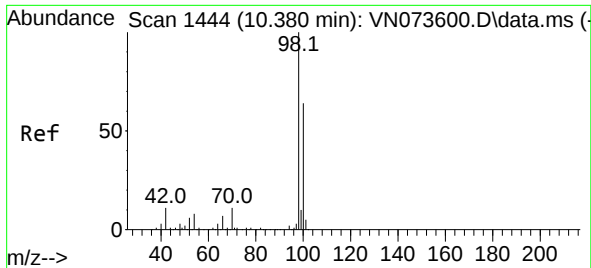
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#61
Tetrachloroethene
Concen: 0.859 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074069.D
Acq: 23 Aug 2022 15:36

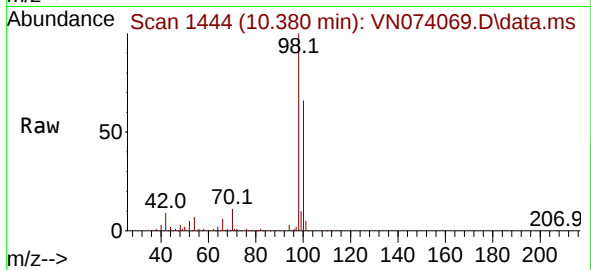
Tgt Ion:164 Resp: 4412
Ion Ratio Lower Upper
164 100
166 128.4 105.8 158.8
129 97.7 82.5 123.7
131 97.9 81.2 121.8





#63
Toluene-d8
Concen: 28.366 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN074069.D
Acq: 23 Aug 2022 15:36

Instrument :
MSVOA_N
ClientSampleId :
U-2



Tgt Ion: 98 Resp: 53570
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

Manual Integrations
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Supervised By :Mahesh Dadoda 08/24/2022

