

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033023\
 Data File : VU053484.D
 Acq On : 30 Mar 2023 13:54
 Operator : JC/MD
 Sample : 02035-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 38150-121121

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 16:13:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 13:33:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.111	96	42763	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	14539	0.942	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	13482	0.870	ug/l	0.00
Spiked Amount 1.000			Recovery	=	87.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	376509	30.484	ug/l	98
24) tert-Butyl Alcohol	3.247	59	31190m	38.265	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	931771	37.210	ug/l	98
31) Isopropyl Ether	3.986	45	1115912	38.073	ug/l	93
32) Ethyl-t-butyl ether	4.494	59	1127076	37.436	ug/l	99
33) Tert-Amyl methyl ether	5.935	73	1140116	42.589	ug/l	98
73) n-propylbenzene	10.902	120	258658	17.497	ug/l	99

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

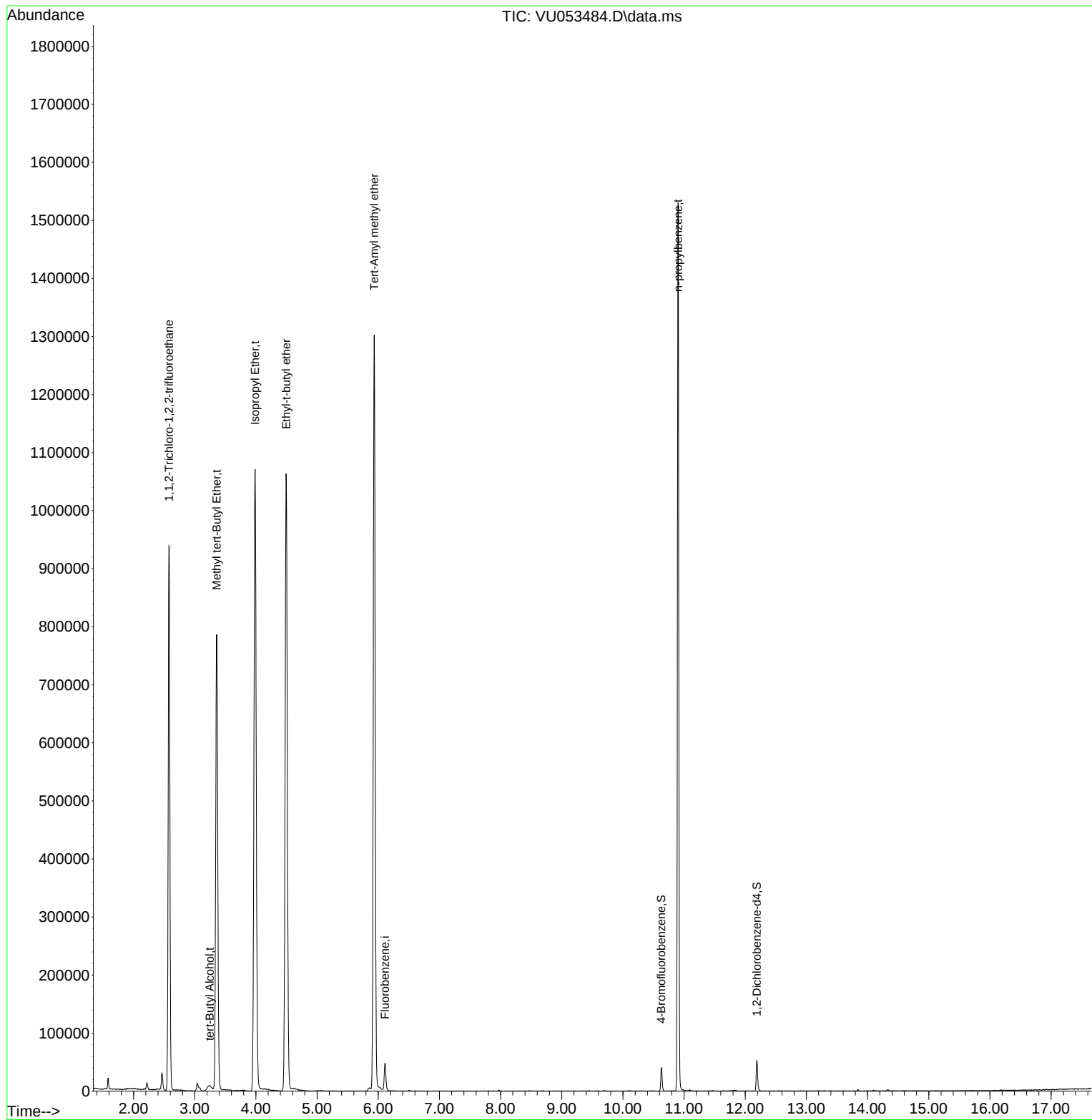
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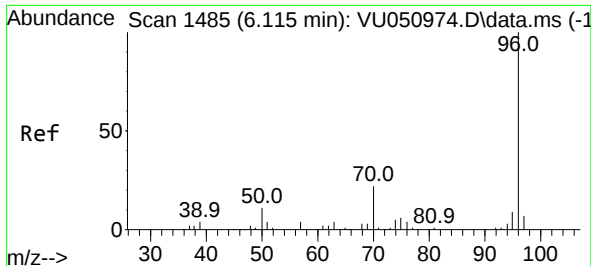
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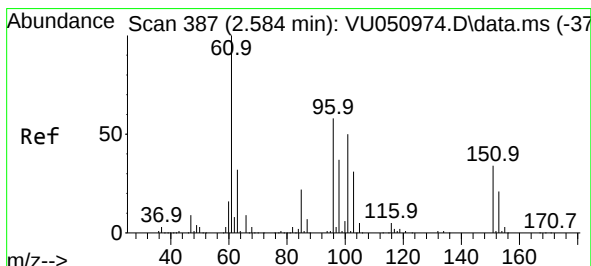
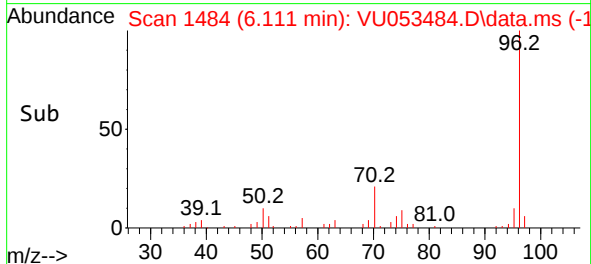
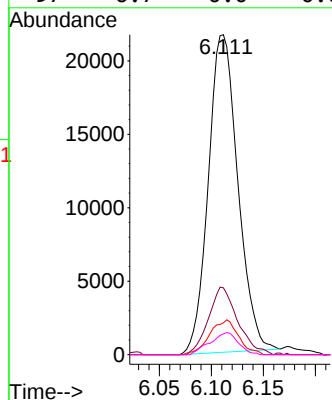
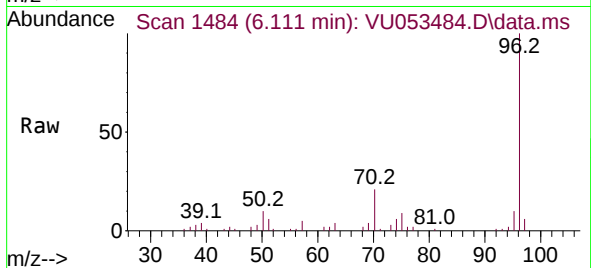
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.111 min Scan# 1484
Delta R.T. -0.004 min
Lab File: VU053484.D
Acq: 30 Mar 2023 13:54

Instrument :
MSVOA_U
ClientSampleId :
38150-121121

Tgt Ion: 96 Resp: 4276
Ion Ratio Lower Upper
96 100
70 21.0 16.5 24.7
95 10.7 7.4 11.0
97 6.7 0.0 0.0#

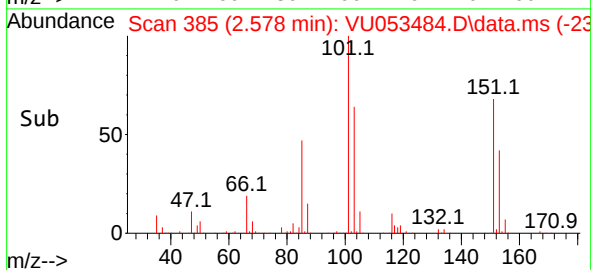
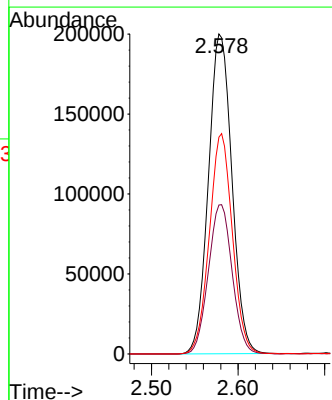
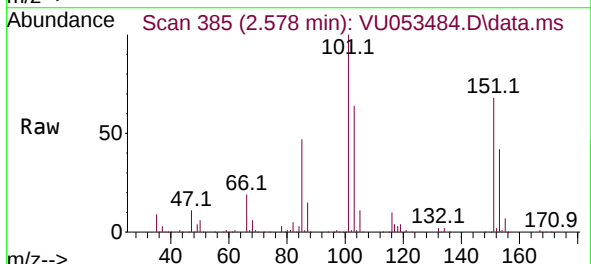
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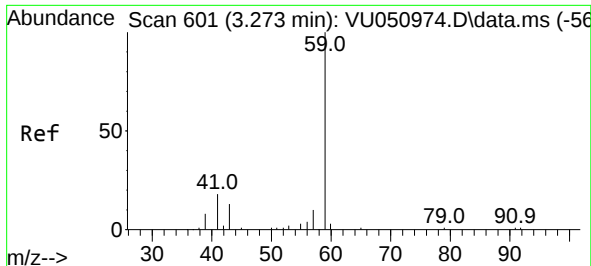
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 30.484 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU053484.D
Acq: 30 Mar 2023 13:54

Tgt Ion:101 Resp: 376509
Ion Ratio Lower Upper
101 100
85 47.3 35.4 53.0
151 67.4 54.0 81.0





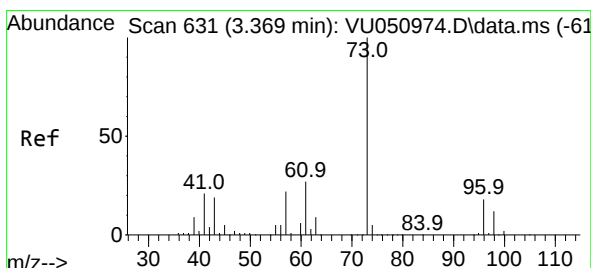
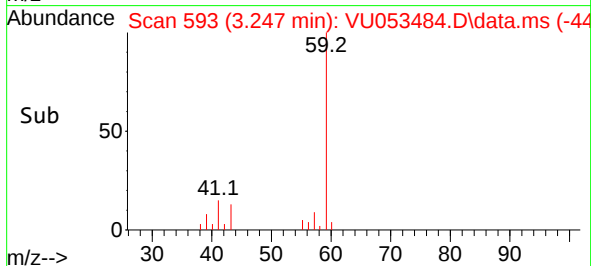
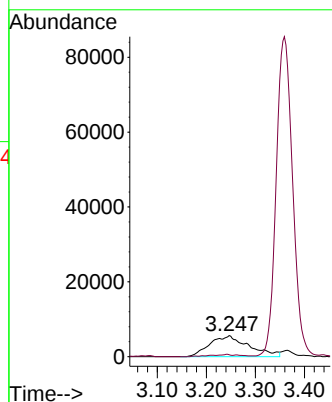
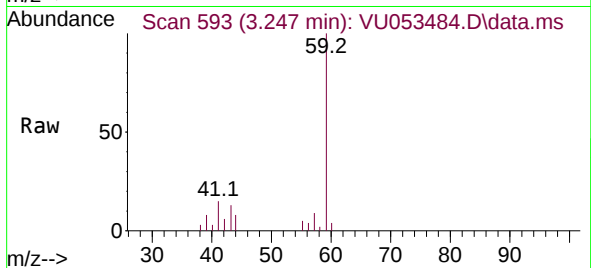
#24
tert-Butyl Alcohol
Concen: 38.265 ug/l m
RT: 3.247 min Scan# 59
Delta R.T. -0.026 min
Lab File: VU053484.D
Acq: 30 Mar 2023 13:54

Instrument :
MSVOA_U
ClientSampleId :
38150-121121

Tgt Ion: 59 Resp: 31190
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4

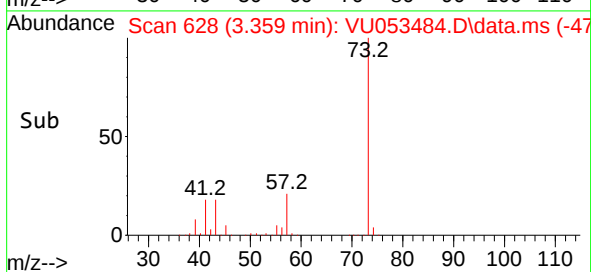
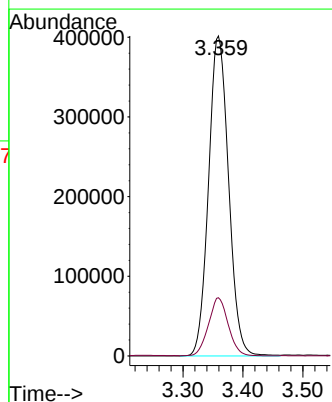
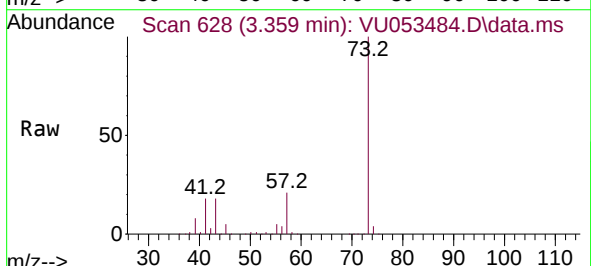
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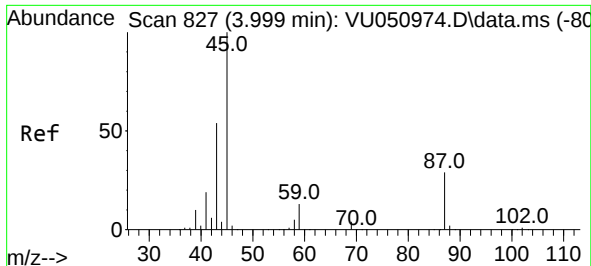
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#25
Methyl tert-Butyl Ether
Concen: 37.210 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.010 min
Lab File: VU053484.D
Acq: 30 Mar 2023 13:54

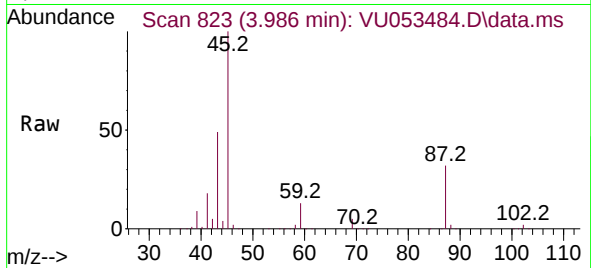
Tgt Ion: 73 Resp: 931771
Ion Ratio Lower Upper
73 100
43 17.9 15.0 22.6





#31
Isopropyl Ether
Concen: 38.073 ug/l
RT: 3.986 min Scan# 81
Delta R.T. -0.013 min
Lab File: VU053484.D
Acq: 30 Mar 2023 13:54

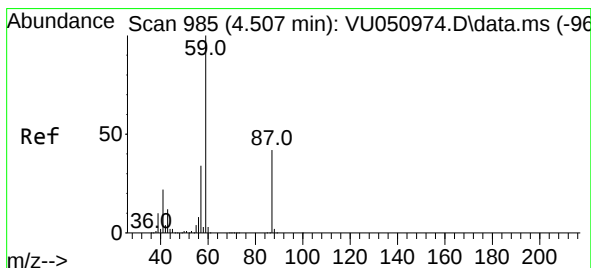
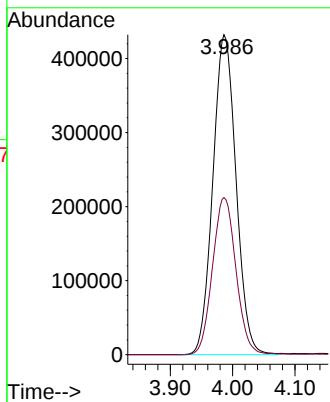
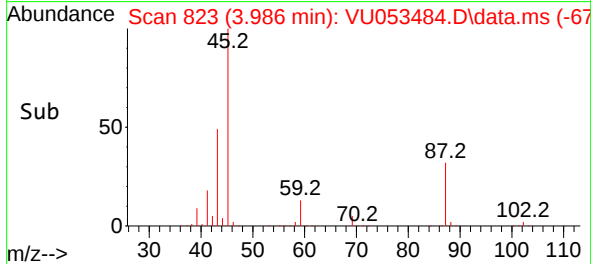
Instrument :
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ClientSampleId :
38150-121121



Tgt Ion: 45 Resp: 111591
Ion Ratio Lower Upper
45 100
43 49.8 27.5 82.5

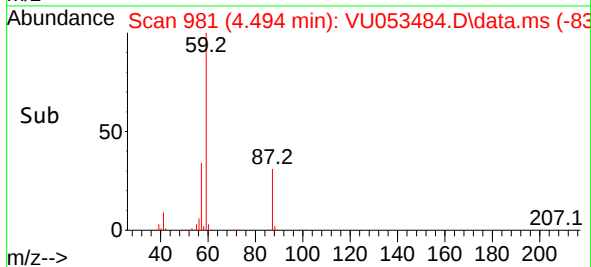
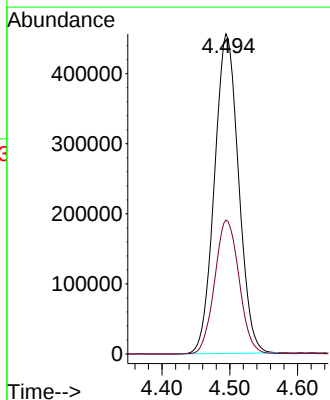
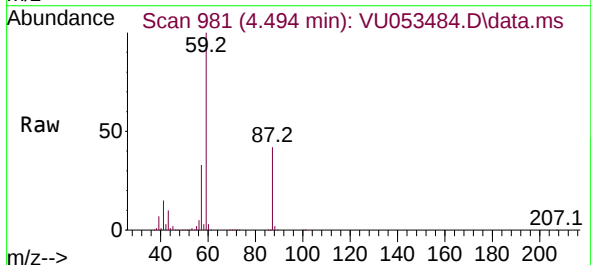
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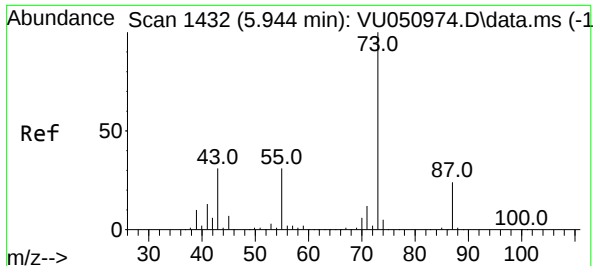
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#32
Ethyl-t-butyl ether
Concen: 37.436 ug/l
RT: 4.494 min Scan# 981
Delta R.T. -0.013 min
Lab File: VU053484.D
Acq: 30 Mar 2023 13:54

Tgt Ion: 59 Resp: 1127076
Ion Ratio Lower Upper
59 100
87 42.4 33.5 50.3





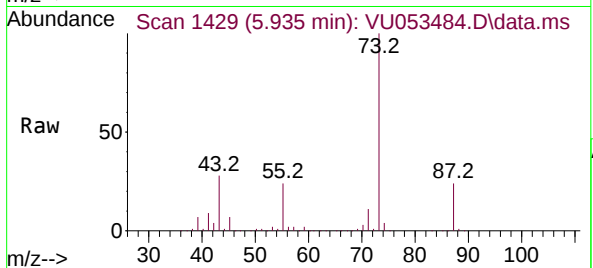
#33
Tert-Amyl methyl ether
Concen: 42.589 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.010 min
Lab File: VU053484.D
Acq: 30 Mar 2023 13:54

Instrument :

MSVOA_U

ClientSampleId :

38150-121121



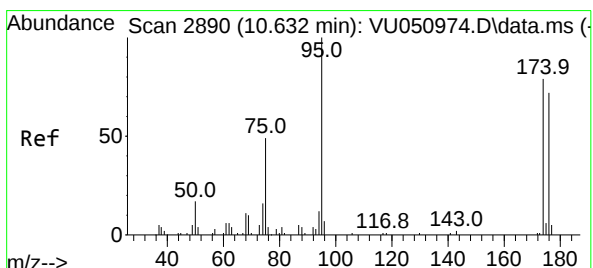
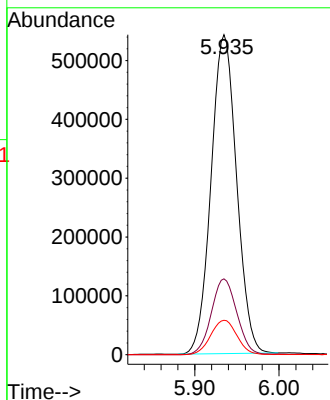
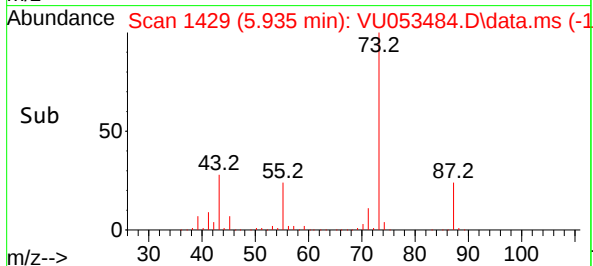
Tgt Ion: 73 Resp: 1140110
Ion Ratio Lower Upper
73 100
87 23.6 18.6 28.0
71 11.0 9.9 14.9

Manual Integrations

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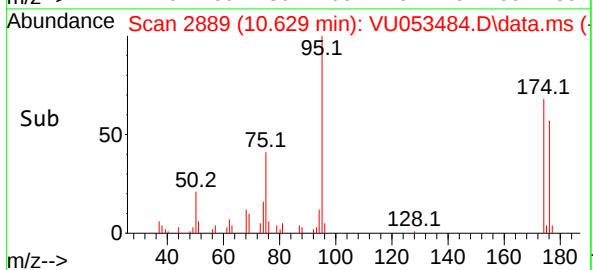
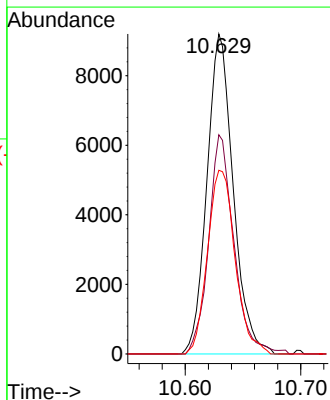
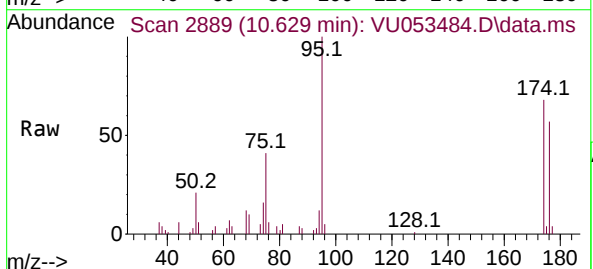
Reviewed By :Krupa Patel 04/07/2023

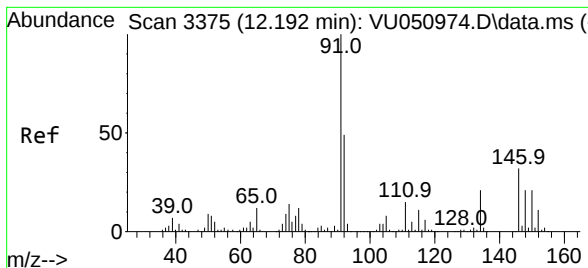
Supervised By :Mahesh Dadoda 04/07/2023



#57
4-Bromofluorobenzene
Concen: 0.942 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053484.D
Acq: 30 Mar 2023 13:54

Tgt Ion: 95 Resp: 14539
Ion Ratio Lower Upper
95 100
174 65.8 63.3 94.9
176 60.4 59.3 88.9





#68

1,2-Dichlorobenzene-d4

Concen: 0.870 ug/l

RT: 12.188 min Scan# 31

Delta R.T. -0.004 min

Lab File: VU053484.D

Acq: 30 Mar 2023 13:54

Instrument :

MSVOA_U

ClientSampleId :

38150-121121

Tgt Ion:152 Resp: 1348

Ion Ratio Lower Upper

152 100

115 68.6 0.0 308.8

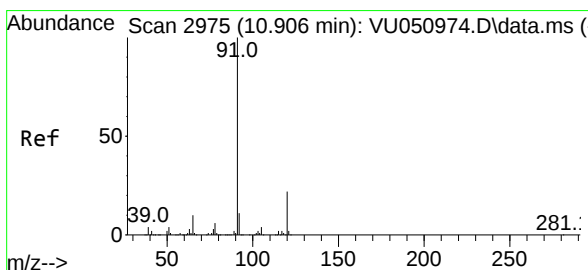
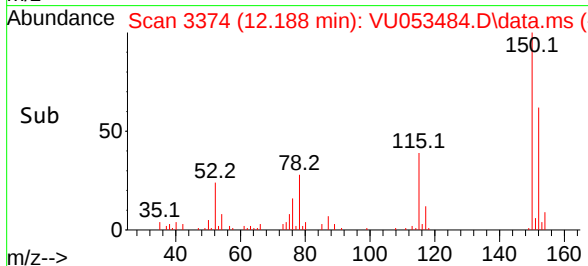
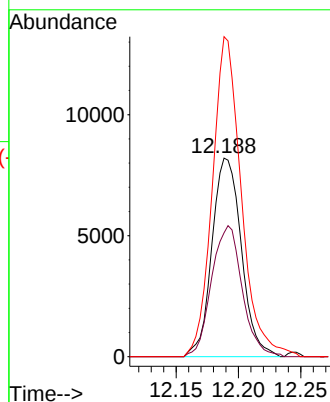
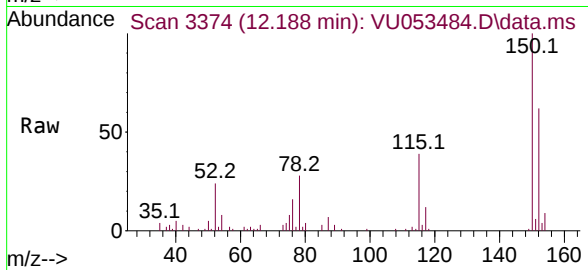
150 158.6 0.0 635.0

Manual Integrations

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#73

n-propylbenzene

Concen: 17.497 ug/l

RT: 10.902 min Scan# 2974

Delta R.T. -0.004 min

Lab File: VU053484.D

Acq: 30 Mar 2023 13:54

Tgt Ion:120 Resp: 258658

Ion Ratio Lower Upper

120 100

91 465.5 369.8 554.6

