

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053827.D
 Acq On : 21 Apr 2023 16:18
 Operator : JC/MD
 Sample : 02304-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 38150-111522

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Quant Time: Apr 22 03:20:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	35187	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	11738	0.851	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	13229	0.807	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	355059	29.235	ug/l	94
9) 1,1-Dichloroethene	2.581	96	1111	0.112	ug/l	46
15) Methylene Chloride	3.044	84	17411	1.195	ug/l	89
24) tert-Butyl Alcohol	3.253	59	24811m	24.859	ug/l	
25) Methyl tert-Butyl Ether	3.362	73	329479	11.878	ug/l	95
31) Isopropyl Ether	3.986	45	1012476	31.573	ug/l	92
32) Ethyl-t-butyl ether	4.494	59	1121380	34.568	ug/l	93
33) Tert-Amyl methyl ether	5.935	73	561428	23.686	ug/l	97
73) n-propylbenzene	10.902	120	127934	9.222	ug/l	90

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

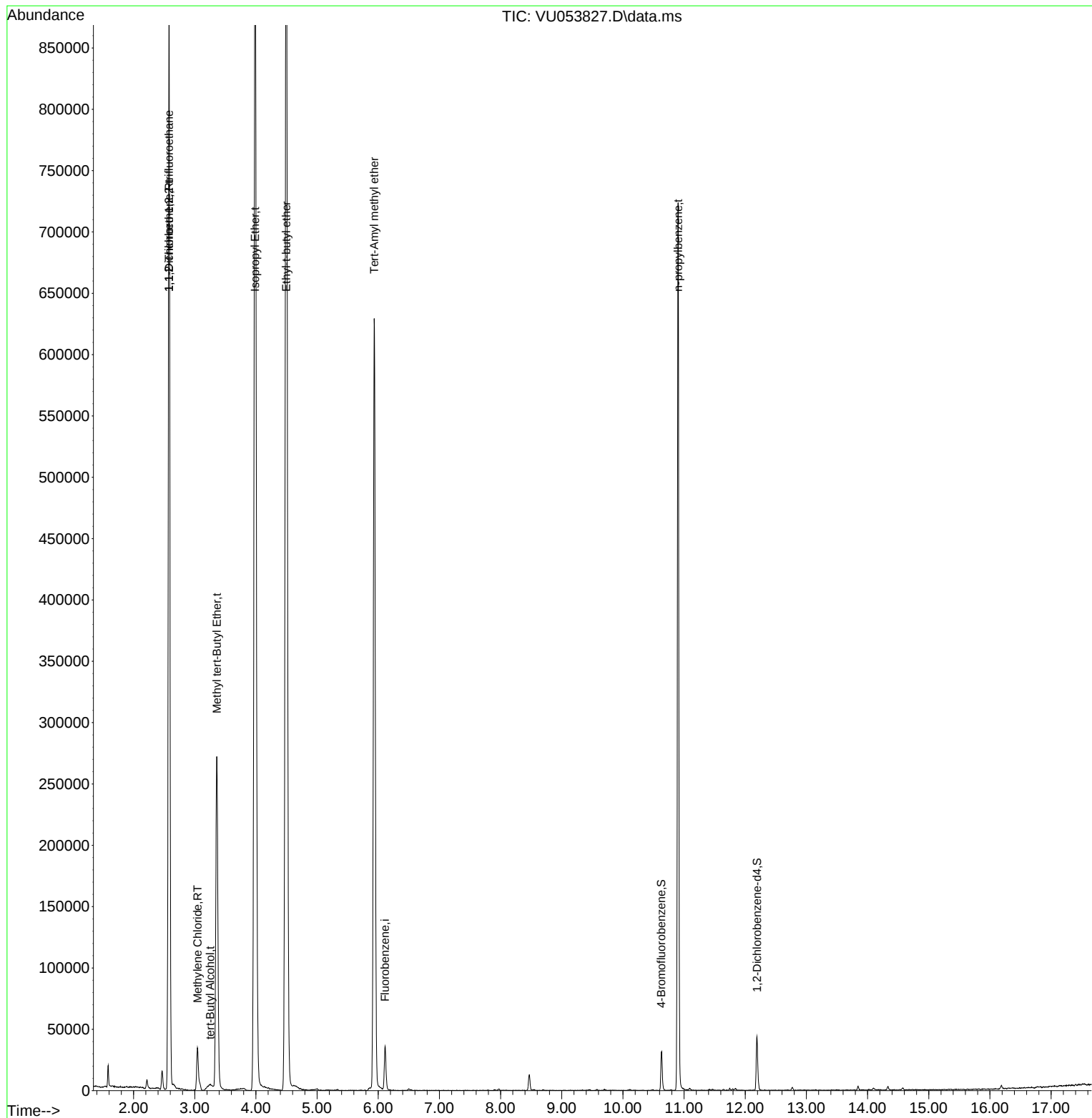
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
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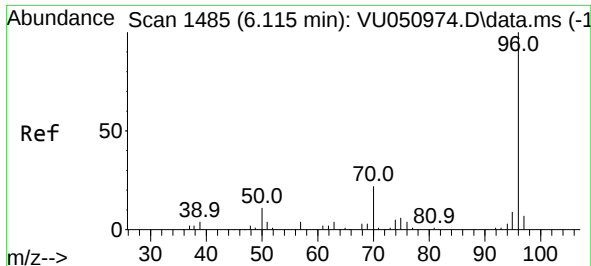
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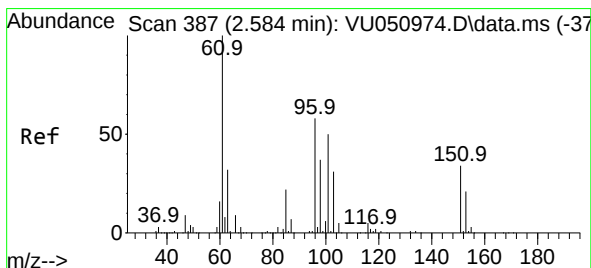
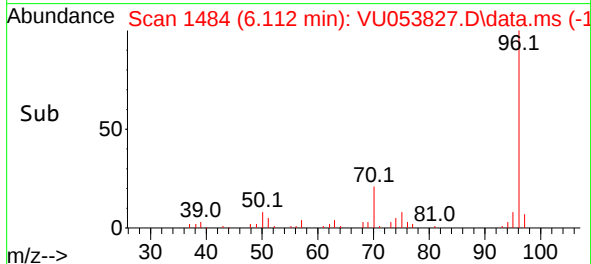
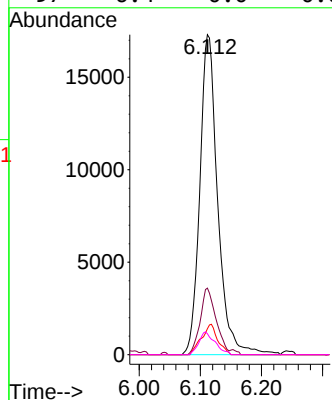
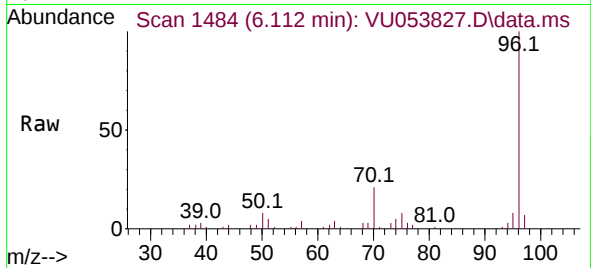
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1485
Delta R.T. 0.004 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

Instrument :
MSVOA_U
ClientSampleId :
38150-111522

Tgt Ion: 96 Resp: 3518
Ion Ratio Lower Upper
96 100
70 17.1 16.5 24.7
95 8.6 7.4 11.0
97 6.4 0.0 0.0#

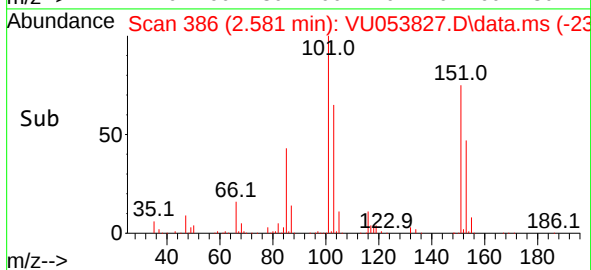
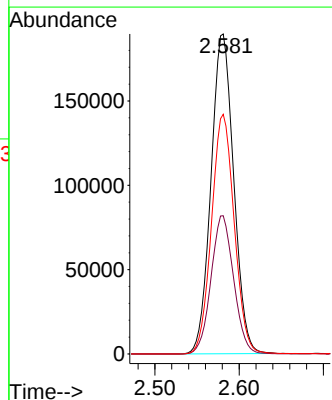
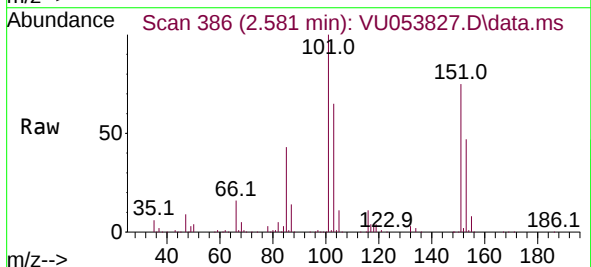
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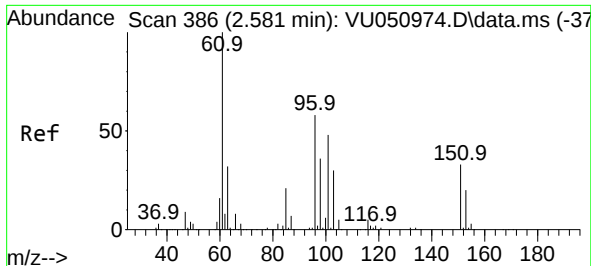
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 29.235 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

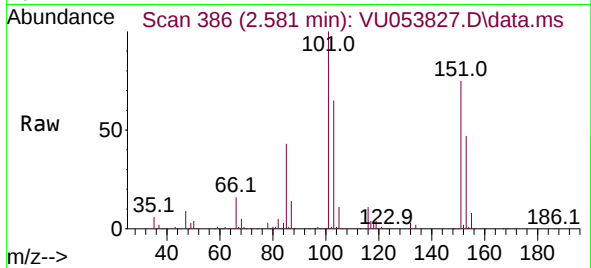
Tgt Ion:101 Resp: 355059
Ion Ratio Lower Upper
101 100
85 42.9 35.4 53.0
151 75.0 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.112 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

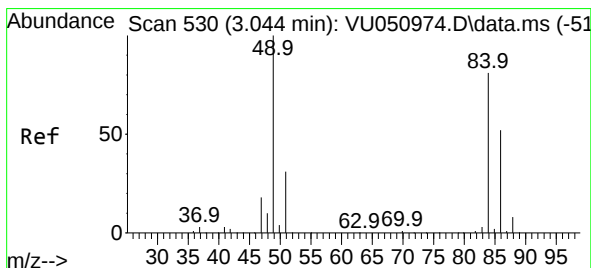
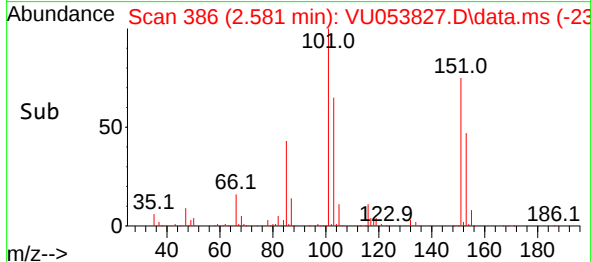
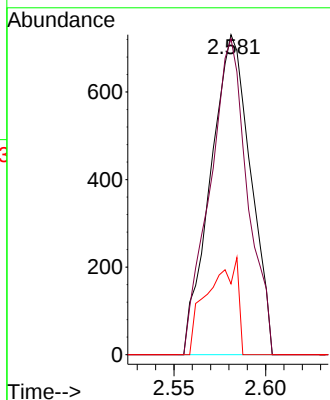
Instrument :
MSVOA_U
ClientSampleId :
38150-111522



Tgt Ion	Ratio	Lower	Upper
96	100		
61	98.8	0.0	521.4
98	22.2	0.0	125.8

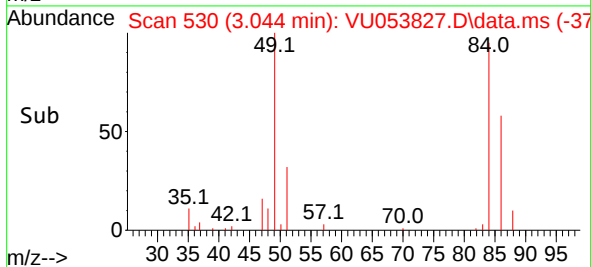
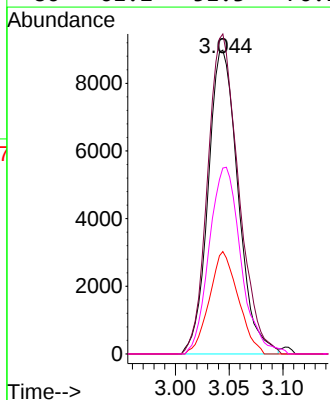
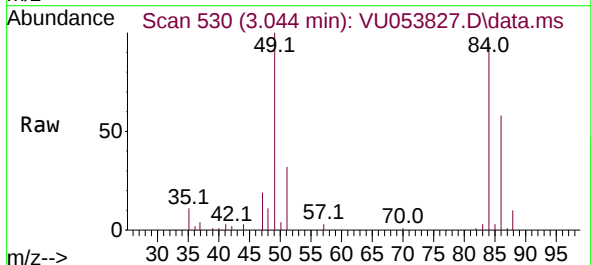
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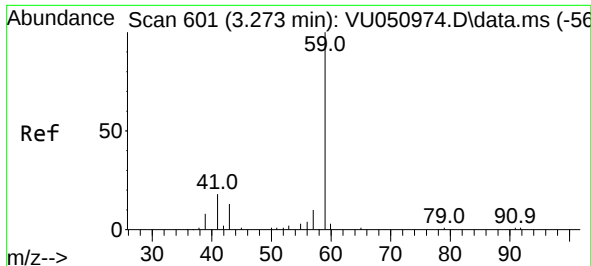
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#15
Methylene Chloride
Concen: 1.195 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.3	98.9	148.3
51	33.7	0.0	75.4
86	61.2	51.3	76.9





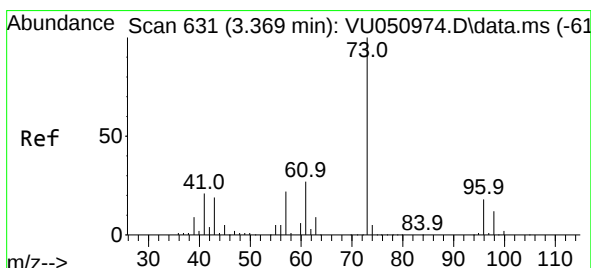
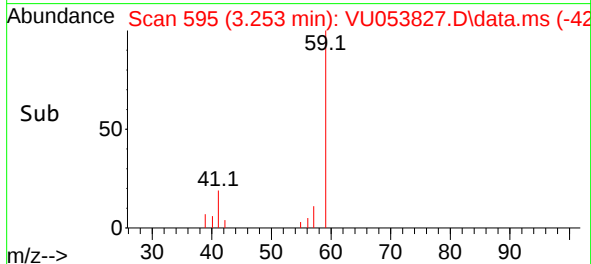
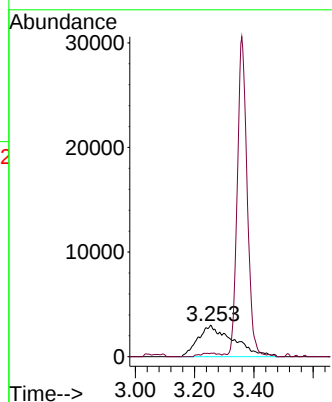
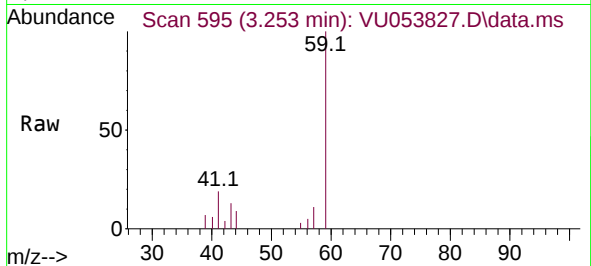
#24
tert-Butyl Alcohol
Concen: 24.859 ug/l m
RT: 3.253 min Scan# 59
Delta R.T. 0.064 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

Instrument :
MSVOA_U
ClientSampleId :
38150-111522

Tgt Ion: 59 Resp: 2481
Ion Ratio Lower Upper
59 100
57 278.2 105.6 158.4

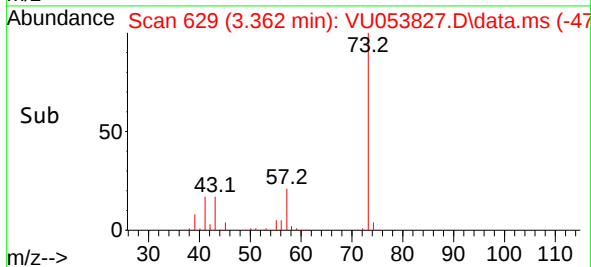
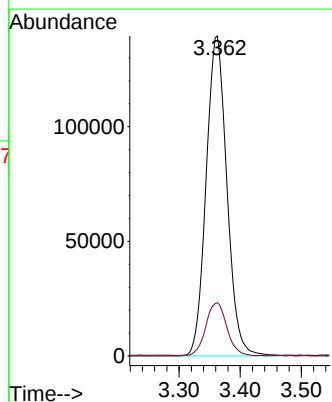
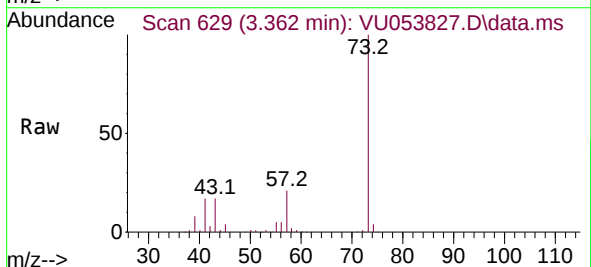
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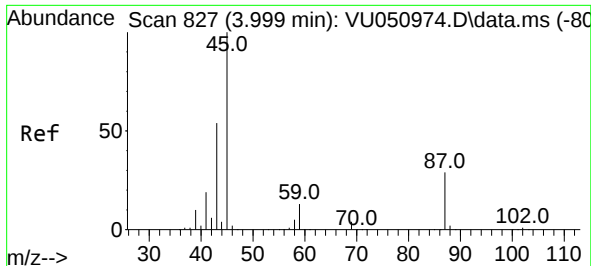
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#25
Methyl tert-Butyl Ether
Concen: 11.878 ug/l
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

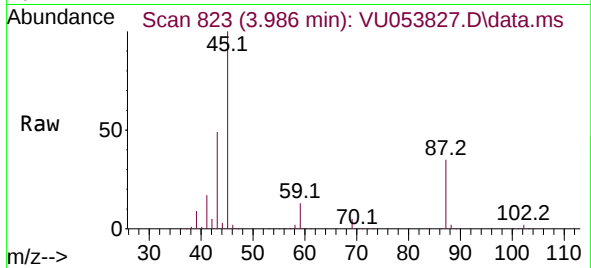
Tgt Ion: 73 Resp: 329479
Ion Ratio Lower Upper
73 100
43 16.8 15.0 22.6





#31
Isopropyl Ether
Concen: 31.573 ug/l
RT: 3.986 min Scan# 81
Delta R.T. -0.010 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

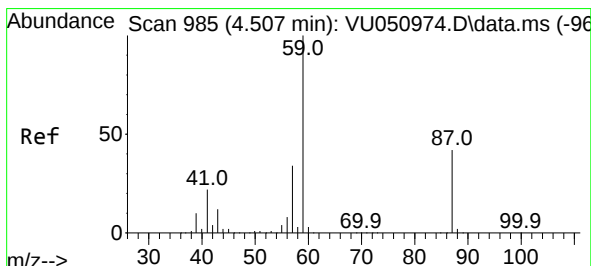
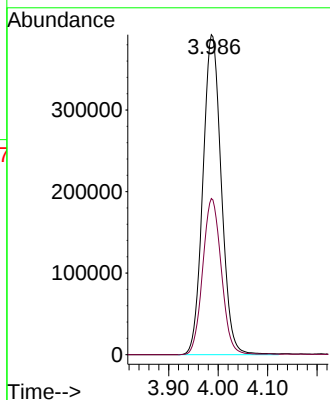
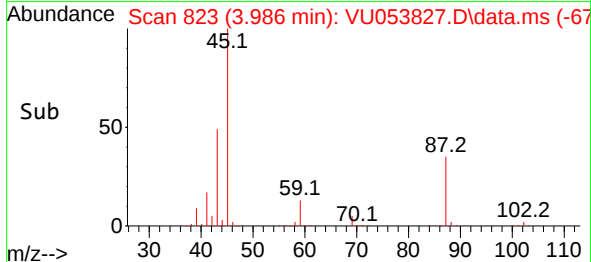
Instrument :
MSVOA_U
ClientSampleId :
38150-111522



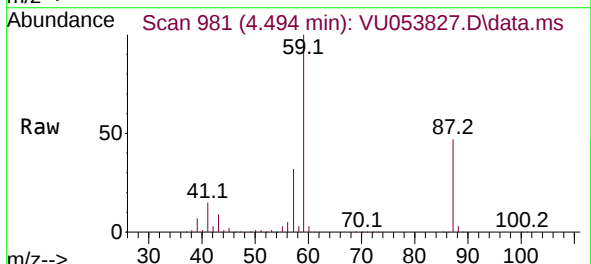
Tgt Ion: 45 Resp: 1012470
Ion Ratio Lower Upper
45 100
43 49.3 27.5 82.5

Manual Integrations
APPROVED

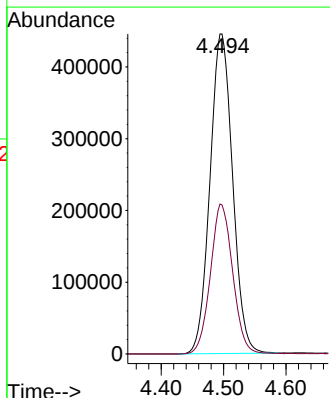
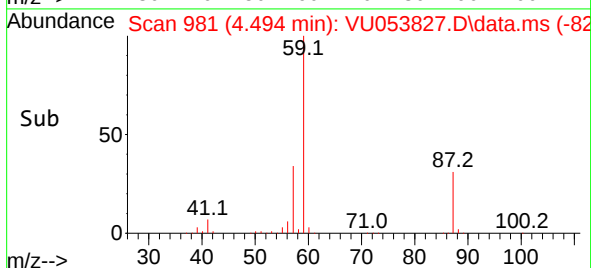
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

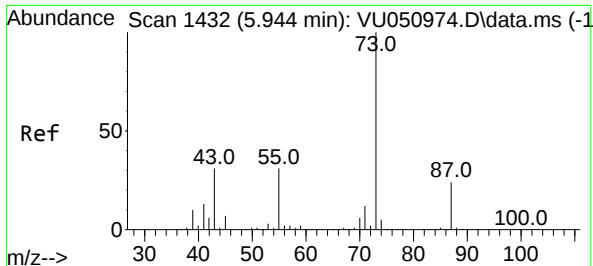


#32
Ethyl-t-butyl ether
Concen: 34.568 ug/l
RT: 4.494 min Scan# 981
Delta R.T. -0.013 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18



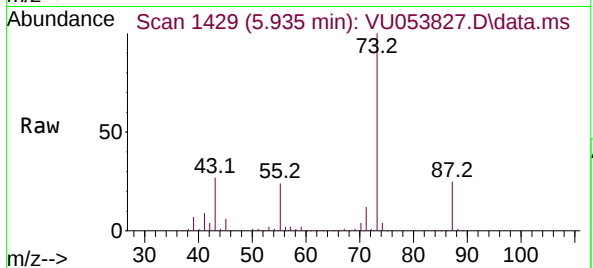
Tgt Ion: 59 Resp: 1121380
Ion Ratio Lower Upper
59 100
87 46.1 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 23.686 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.009 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

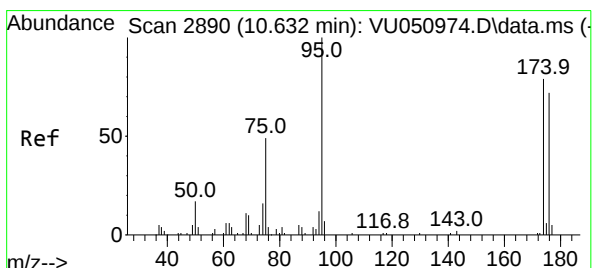
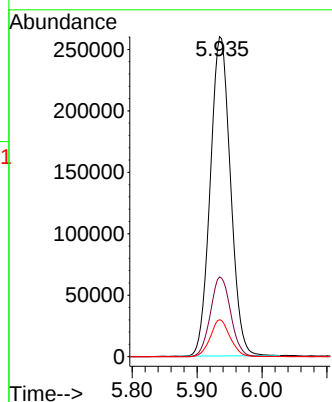
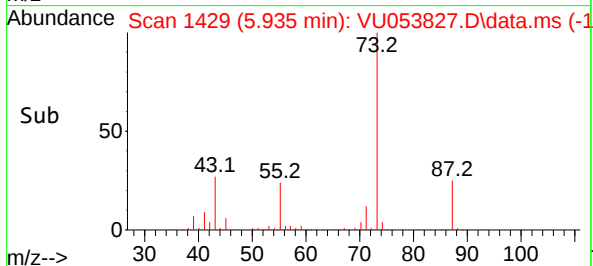
Instrument :
MSVOA_U
ClientSampleId :
38150-111522



Tgt Ion: 73 Resp: 561428
Ion Ratio Lower Upper
73 100
87 24.9 18.6 28.0
71 11.2 9.9 14.9

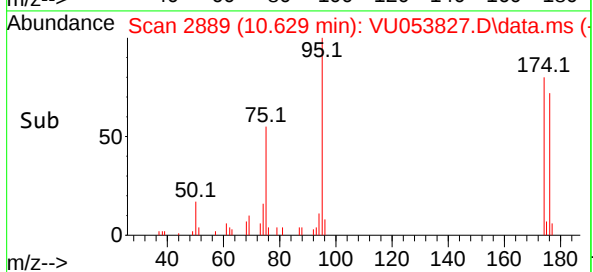
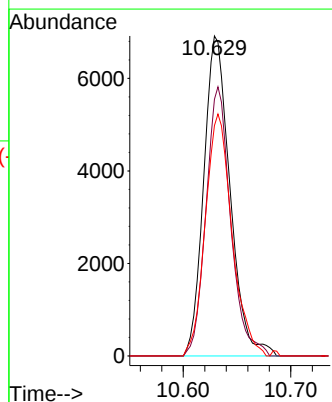
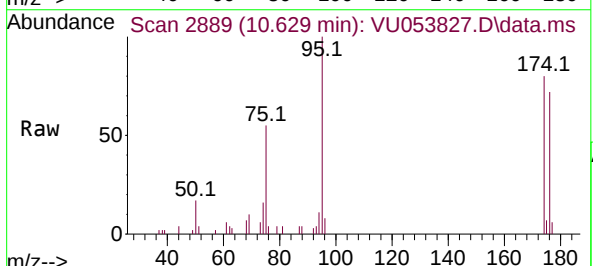
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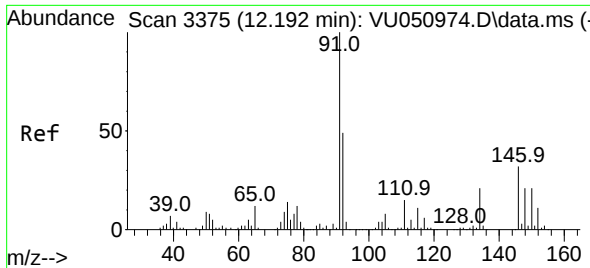
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#57
4-Bromofluorobenzene
Concen: 0.851 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

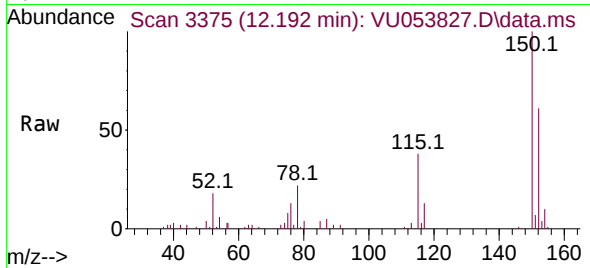
Tgt Ion: 95 Resp: 11738
Ion Ratio Lower Upper
95 100
174 78.9 63.3 94.9
176 76.7 59.3 88.9





#68
1,2-Dichlorobenzene-d4
Concen: 0.807 ug/l
RT: 12.192 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18

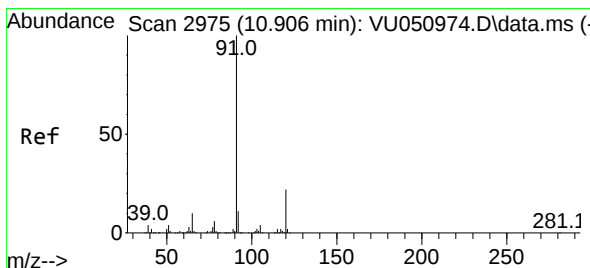
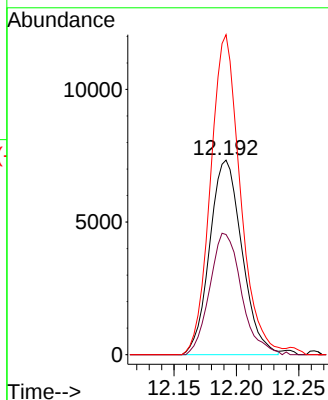
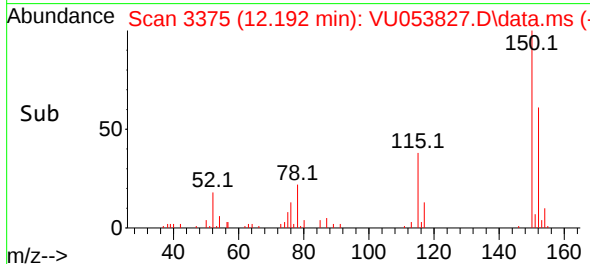
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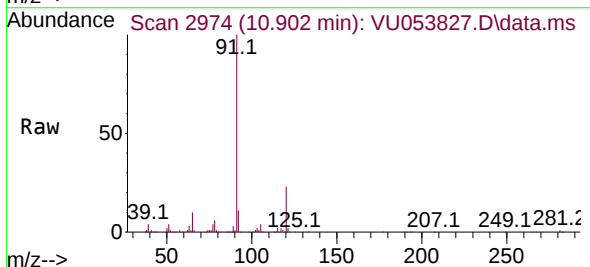
Tgt Ion:152 Resp: 13229
Ion Ratio Lower Upper
152 100
115 61.4 0.0 308.8
150 151.8 0.0 635.0

Manual Integrations
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Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#73
n-propylbenzene
Concen: 9.222 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU053827.D
Acq: 21 Apr 2023 16:18



Tgt Ion:120 Resp: 127934
Ion Ratio Lower Upper
120 100
91 435.2 369.8 554.6

