

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060337.D
 Acq On : 07 Aug 2024 15:13
 Operator : MD/SY
 Sample : P3204-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 08 05:58:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	32563	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8650	0.780	ug/l	0.00
Spiked Amount 1.000			Recovery	=	78.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11044	0.916	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	60522	6.440	ug/l	95
24) tert-Butyl Alcohol	3.245	59	26983m	27.304	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	480994	20.126	ug/l	97
31) Isopropyl Ether	3.984	45	300196	10.240	ug/l	98
32) Ethyl-t-butyl ether	4.492	59	1498798	52.895	ug/l	97
33) Tert-Amyl methyl ether	5.933	73	1125215	55.943	ug/l	98
73) n-propylbenzene	10.901	120	172358	13.023	ug/l	99

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

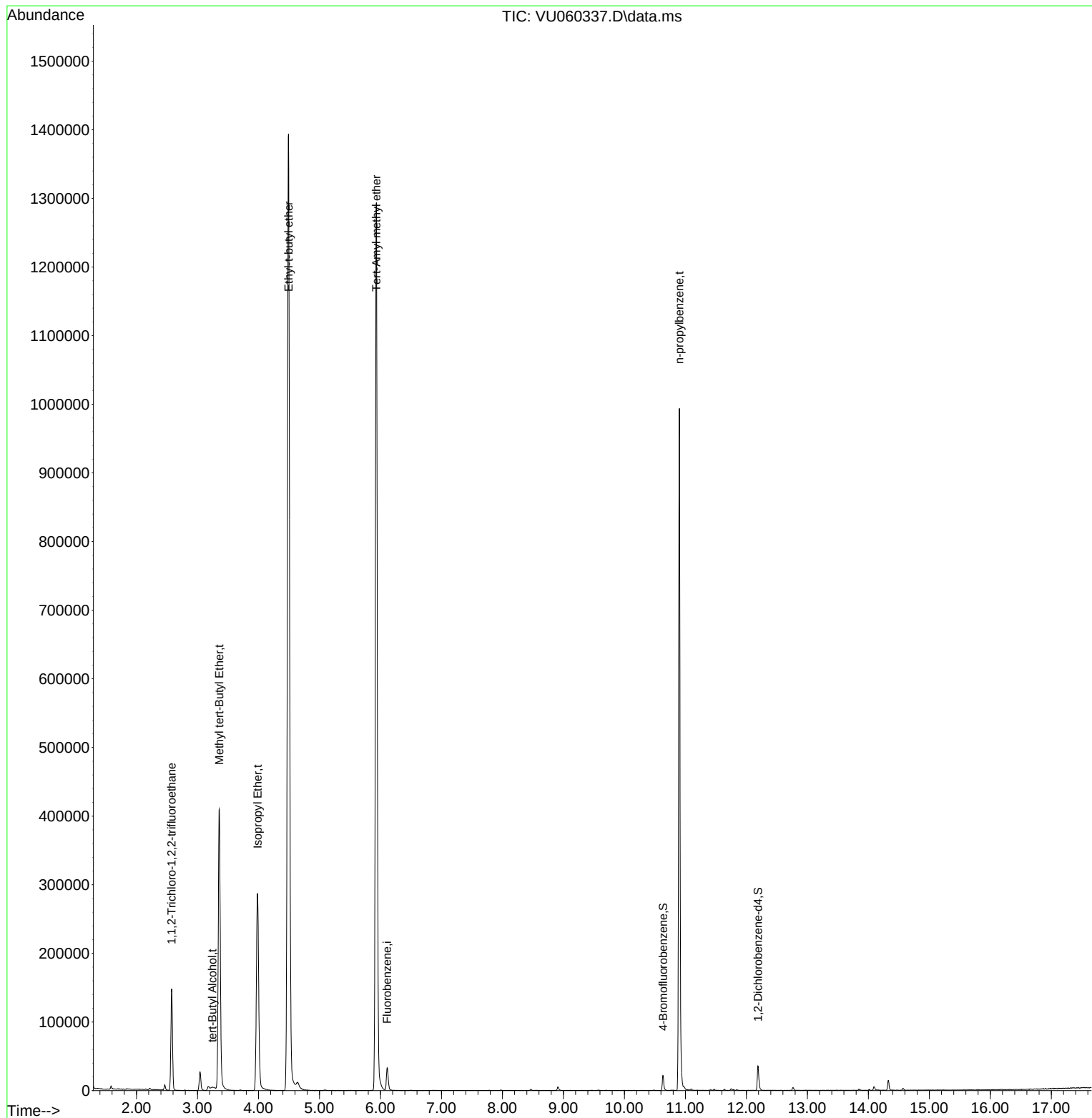
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
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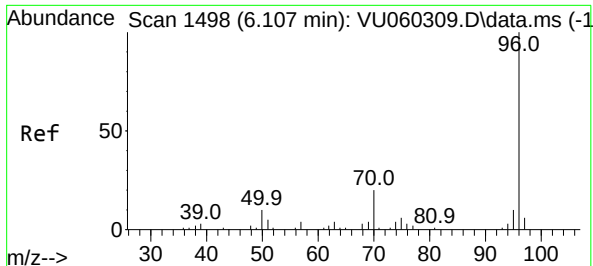
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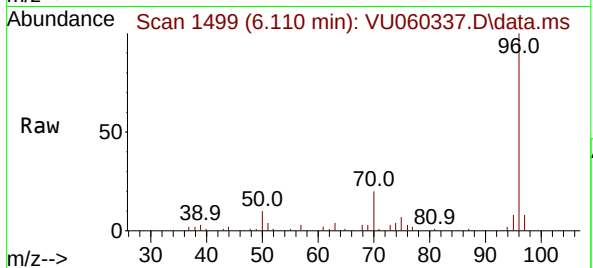
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU060337.D
Acq: 07 Aug 2024 15:13

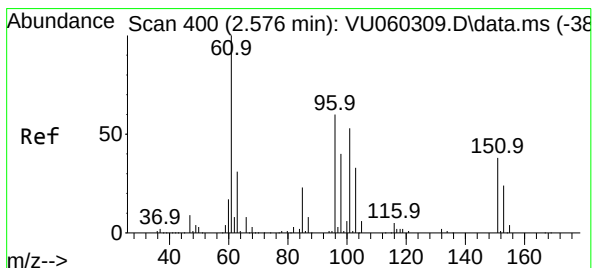
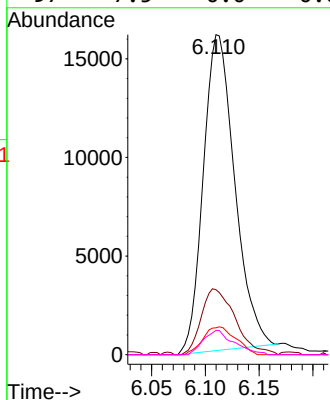
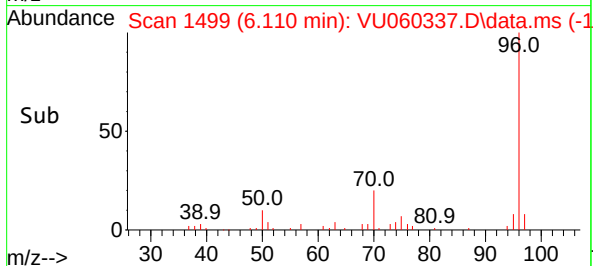
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS



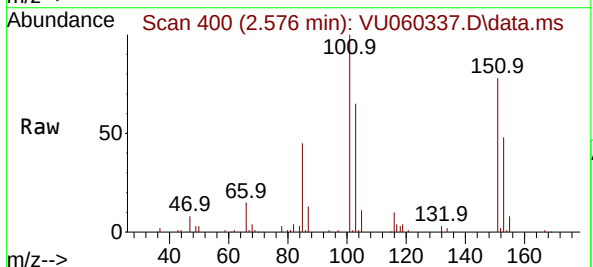
Tgt Ion: 96 Resp: 3256
Ion Ratio Lower Upper
96 100
70 22.5 17.2 25.8
95 9.2 7.9 11.9
97 7.5 0.0 0.0#

Manual Integrations
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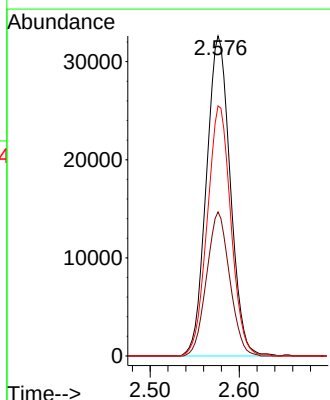
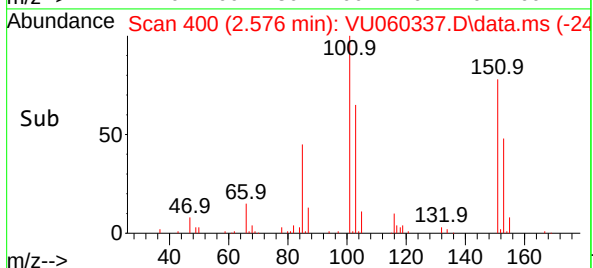
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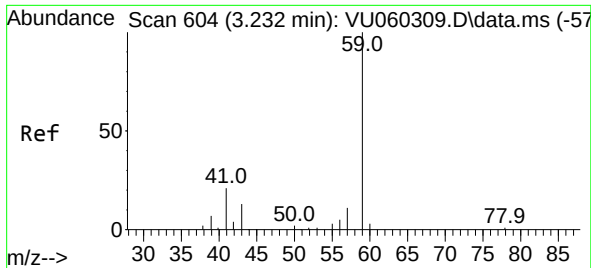


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.440 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060337.D
Acq: 07 Aug 2024 15:13



Tgt Ion:101 Resp: 60522
Ion Ratio Lower Upper
101 100
85 43.6 34.9 52.3
151 77.7 57.2 85.8





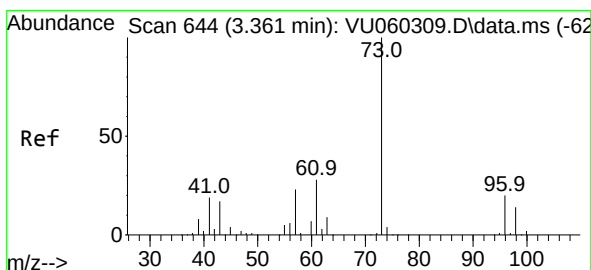
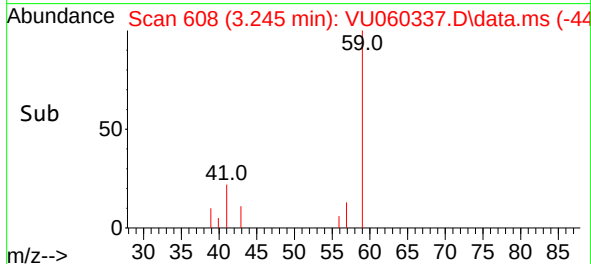
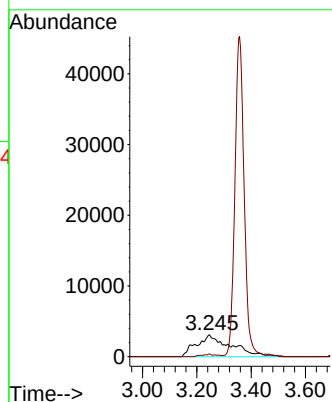
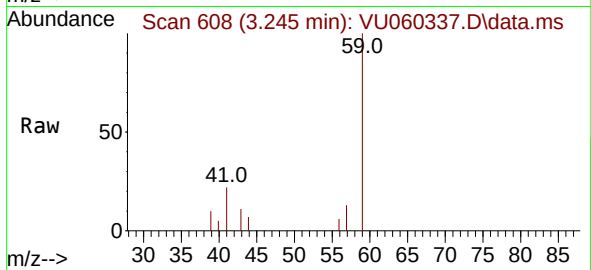
#24
tert-Butyl Alcohol
Concen: 27.304 ug/l m
RT: 3.245 min Scan# 604
Delta R.T. 0.013 min
Lab File: VU060337.D
Acq: 07 Aug 2024 15:13

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 59 Resp: 2698
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7

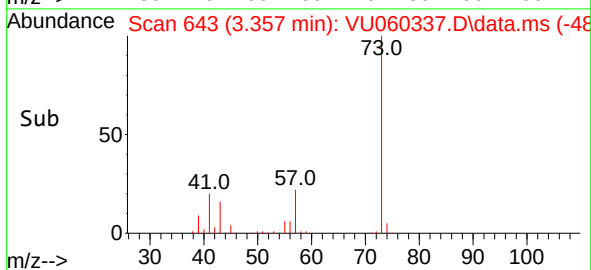
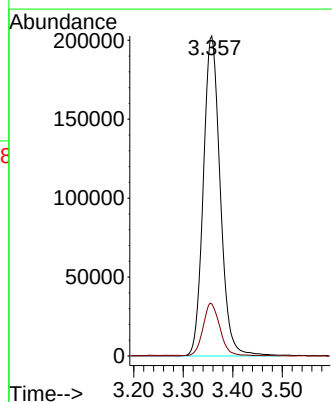
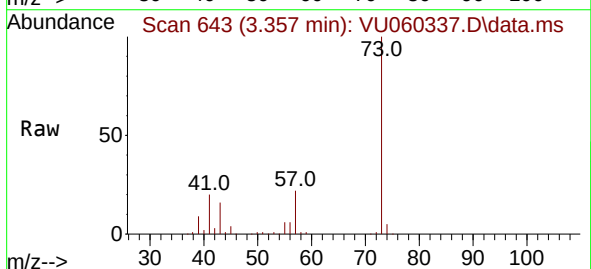
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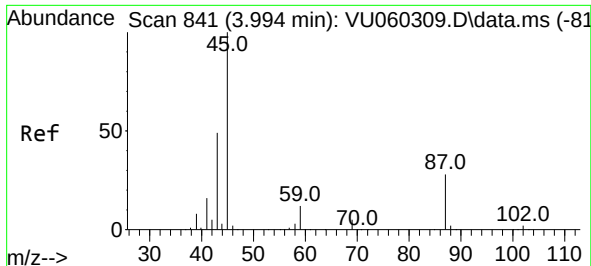
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#25
Methyl tert-Butyl Ether
Concen: 20.126 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU060337.D
Acq: 07 Aug 2024 15:13

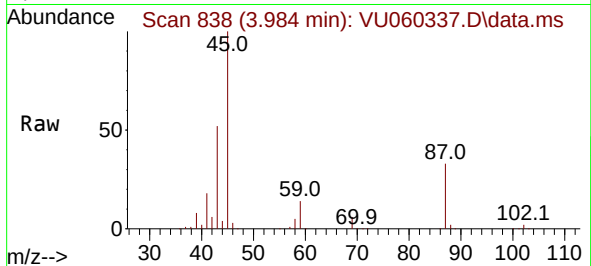
Tgt Ion: 73 Resp: 480994
Ion Ratio Lower Upper
73 100
43 16.2 14.1 21.1





#31
Isopropyl Ether
Concen: 10.240 ug/l
RT: 3.984 min Scan# 841
Delta R.T. -0.010 min
Lab File: VU060337.D
Acq: 07 Aug 2024 15:13

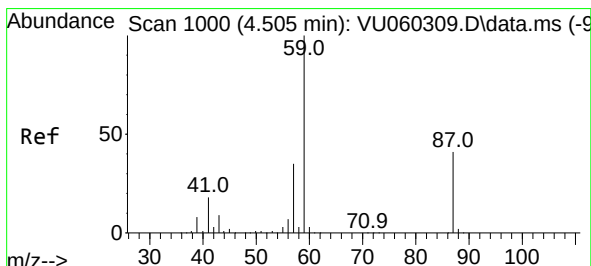
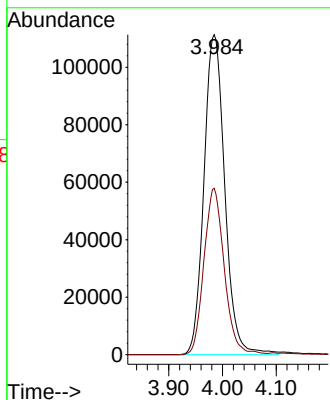
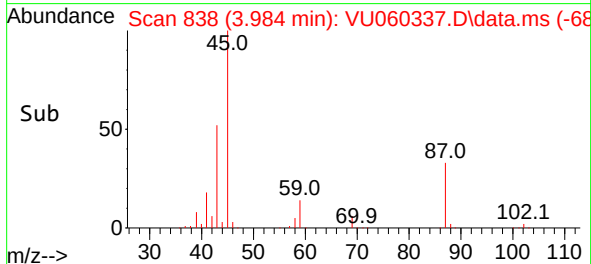
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS



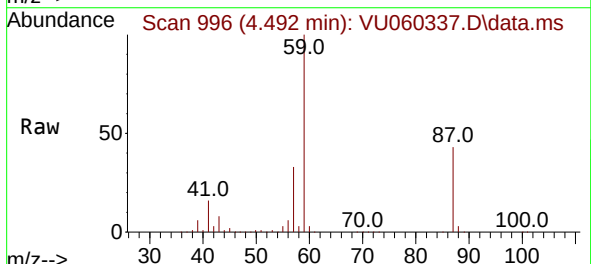
Tgt Ion: 45 Resp: 300190
Ion Ratio Lower Upper
45 100
43 50.8 24.7 74.1

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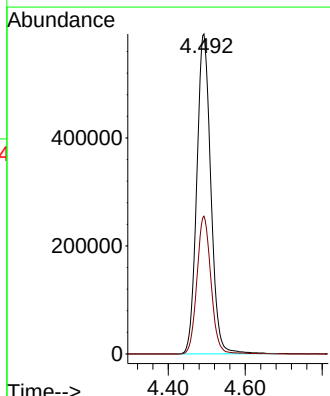
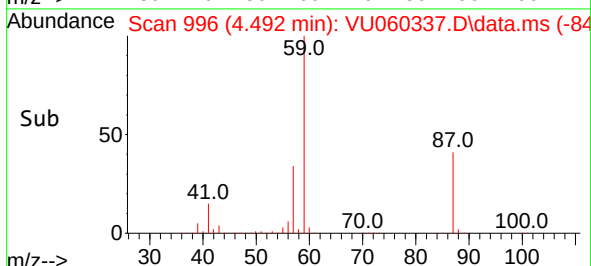
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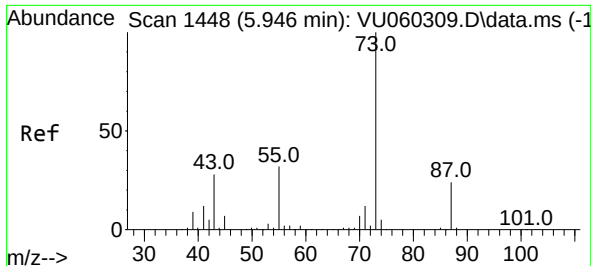


#32
Ethyl-t-butyl ether
Concen: 52.895 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.013 min
Lab File: VU060337.D
Acq: 07 Aug 2024 15:13



Tgt Ion: 59 Resp: 1498798
Ion Ratio Lower Upper
59 100
87 42.4 32.6 49.0





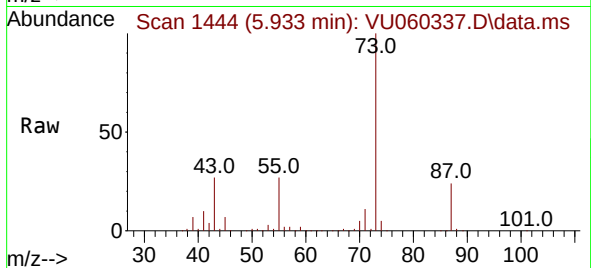
#33
Tert-Amyl methyl ether
Concen: 55.943 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VU060337.D
Acq: 07 Aug 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WS

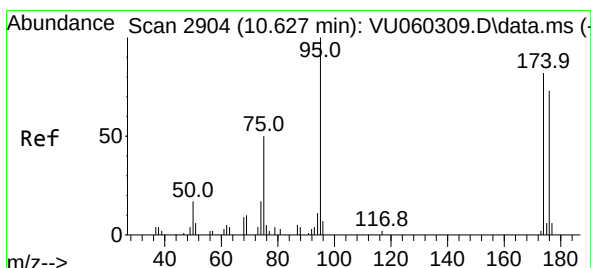
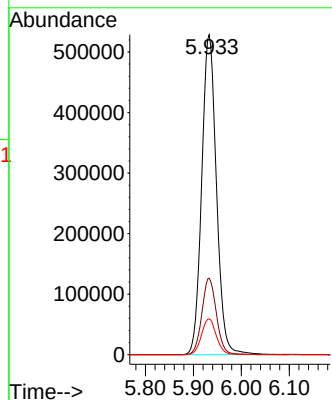
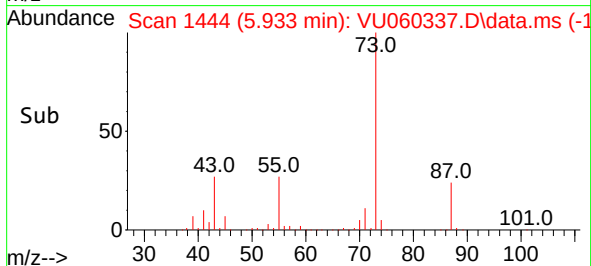


Tgt Ion: 73 Resp: 112521
Ion Ratio Lower Upper
73 100
87 23.7 19.6 29.4
71 11.4 9.5 14.3

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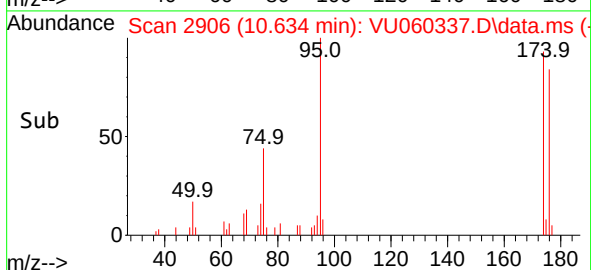
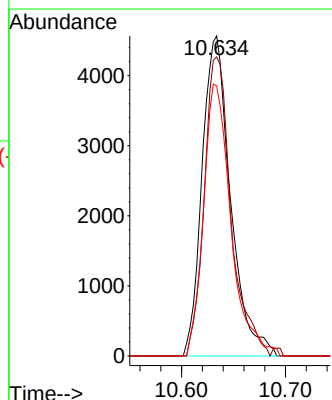
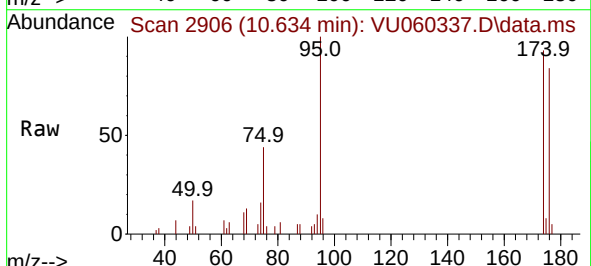
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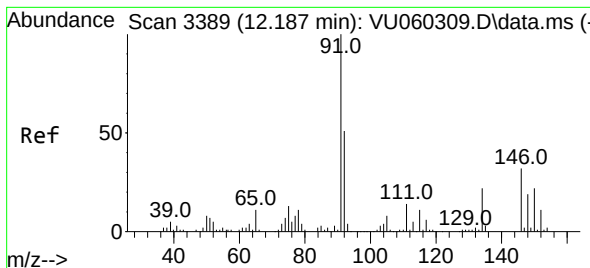
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#57
4-Bromofluorobenzene
Concen: 0.780 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.006 min
Lab File: VU060337.D
Acq: 07 Aug 2024 15:13

Tgt Ion: 95 Resp: 8650
Ion Ratio Lower Upper
95 100
174 88.6 65.6 98.4
176 82.4 60.4 90.6





#68

1,2-Dichlorobenzene-d4

Concen: 0.916 ug/l

RT: 12.190 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060337.D

Acq: 07 Aug 2024 15:13

Instrument :

MSVOA_U

ClientSampleId :

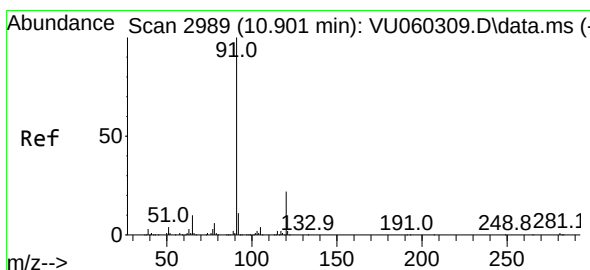
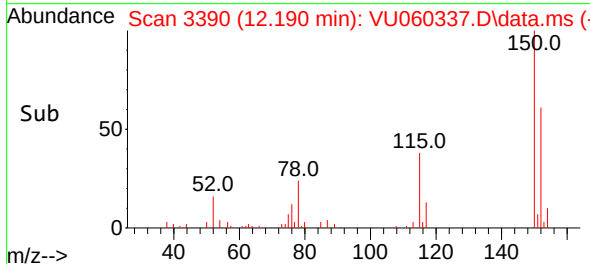
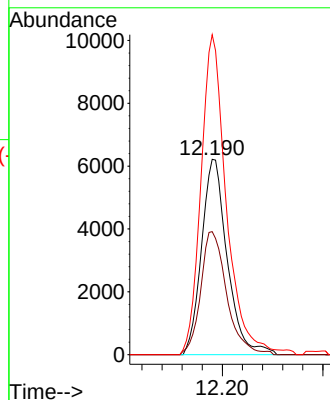
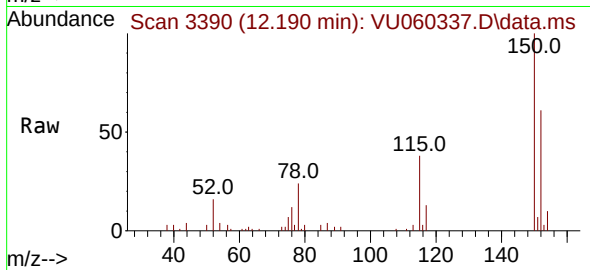
PT-ADD-WS

Tgt Ion	152	Resp	1104
Ion Ratio	Lower	Upper	
152	100		
115	63.7	0.0	325.2
150	162.3	0.0	684.2

Manual Integrations

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#73

n-propylbenzene

Concen: 13.023 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. -0.000 min

Lab File: VU060337.D

Acq: 07 Aug 2024 15:13

Tgt Ion	120	Resp	172358
Ion Ratio	Lower	Upper	
120	100		
91	449.8	362.2	543.2

