

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
 Data File : VU057781.D
 Acq On : 01 Feb 2024 16:32
 Operator : MD/SY
 Sample : P1174-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/08/2024
 Supervised By : Mahesh Dadoda 02/08/2024

Quant Time: Feb 02 00:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	40544	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	14233	0.927	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	12576	0.910	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	88031	8.465	ug/l	96
15) Methylene Chloride	3.039	84	4980	0.414	ug/l	96
24) tert-Butyl Alcohol	3.258	59	10956m	13.253	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	242699	10.265	ug/l	97
31) Isopropyl Ether	3.981	45	174469	5.741	ug/l	96
32) Ethyl-t-butyl ether	4.493	59	221791	7.860	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	160228	6.745	ug/l	98
73) n-propylbenzene	10.901	120	96145	7.442	ug/l	99

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

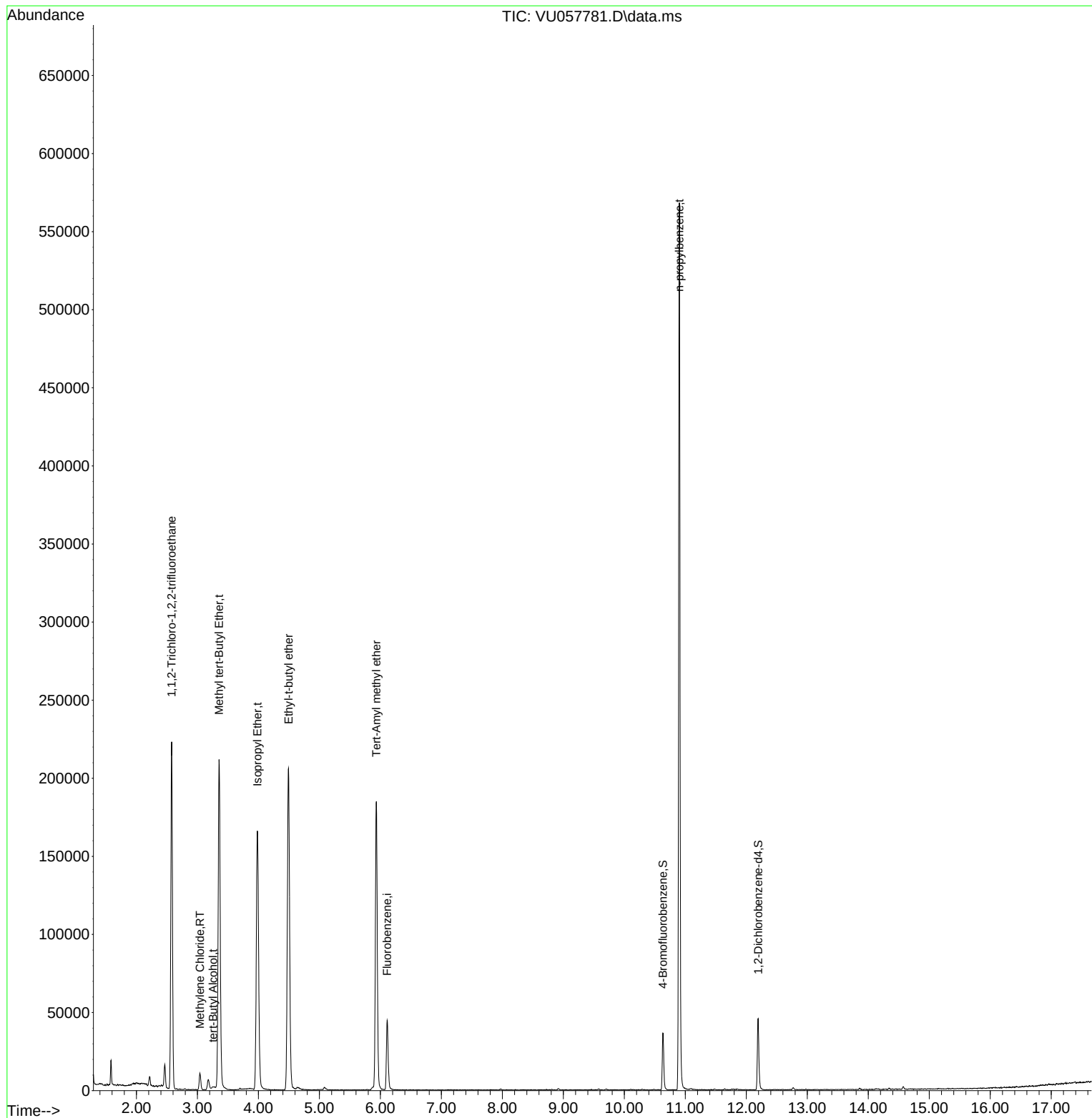
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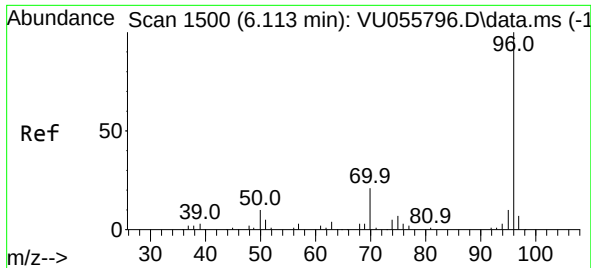
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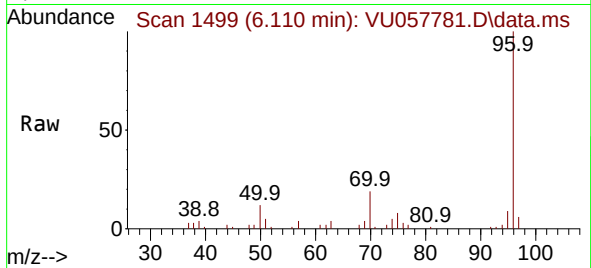
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 02 00:27:55 2024
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.003 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32

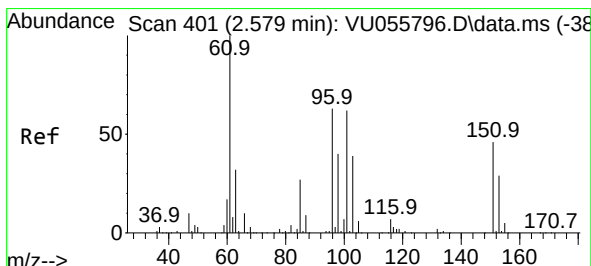
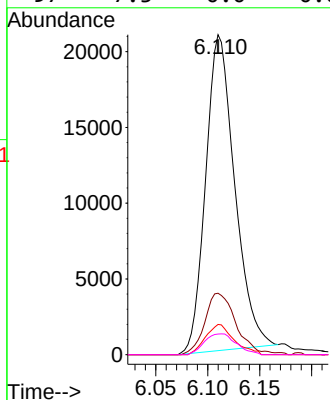
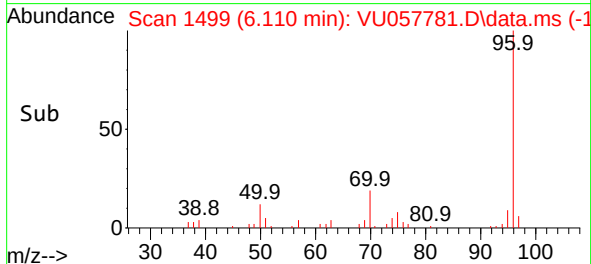
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL



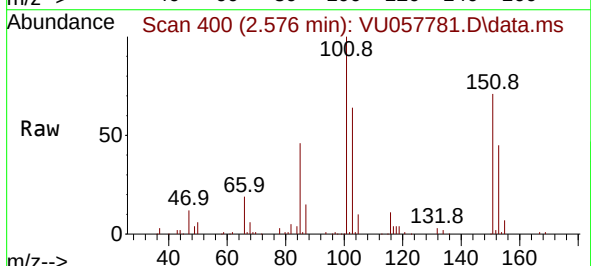
Tgt Ion: 96 Resp: 40544
Ion Ratio Lower Upper
96 100
70 21.0 16.5 24.7
95 9.4 7.4 11.0
97 7.3 0.0 0.0#

Manual Integrations
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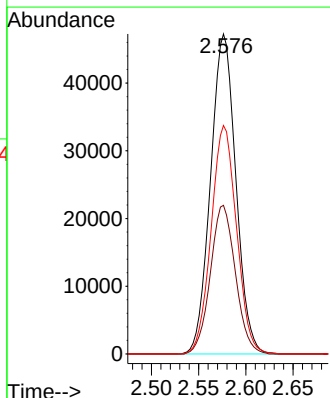
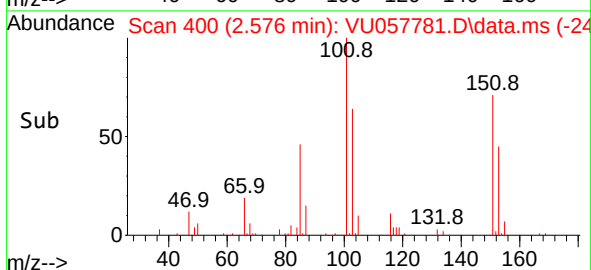
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Supervised By :Mahesh Dadoda 02/08/2024

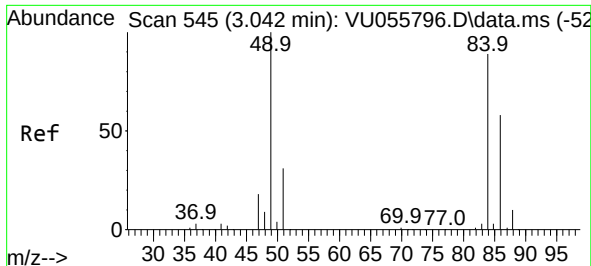


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.465 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32



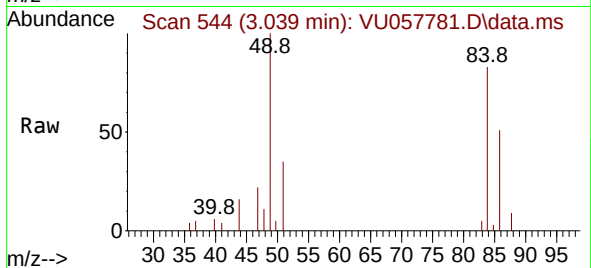
Tgt Ion:101 Resp: 88031
Ion Ratio Lower Upper
101 100
85 45.9 35.4 53.0
151 71.7 54.0 81.0





#15
Methylene Chloride
Concen: 0.414 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32

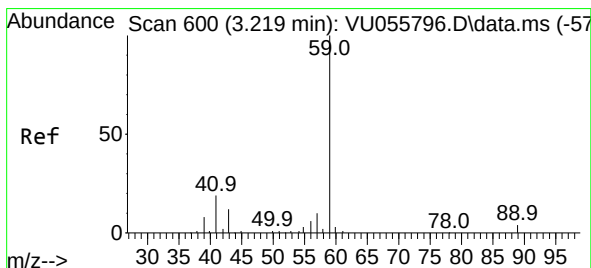
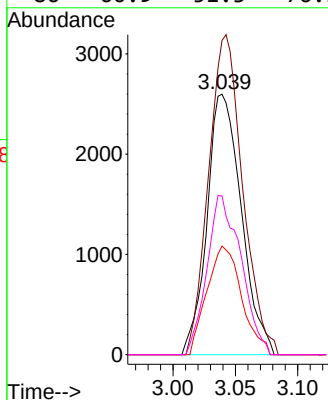
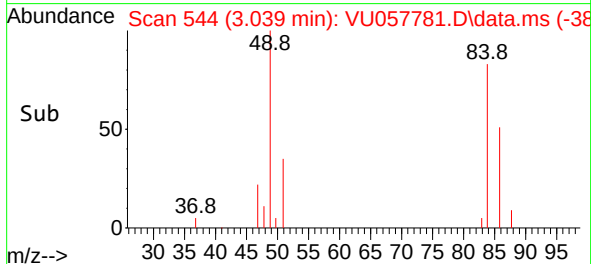
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL



Tgt Ion: 84 Resp: 4980
Ion Ratio Lower Upper
84 100
49 126.3 98.9 148.3
51 41.7 0.0 75.4
86 60.9 51.3 76.9

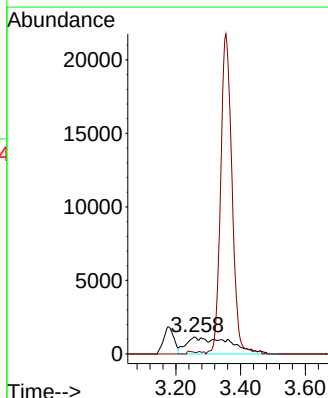
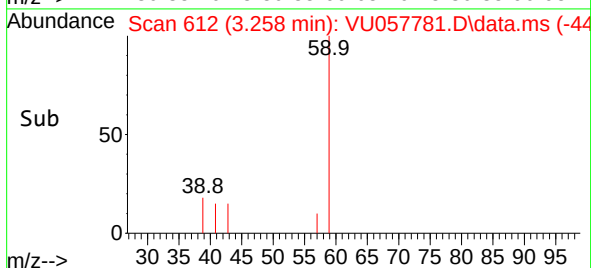
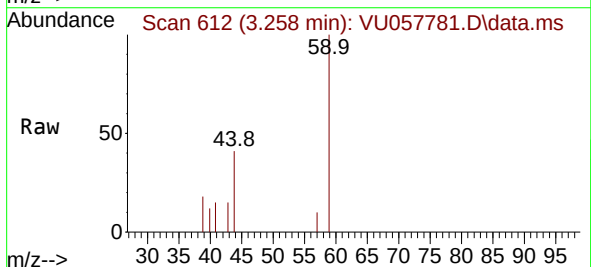
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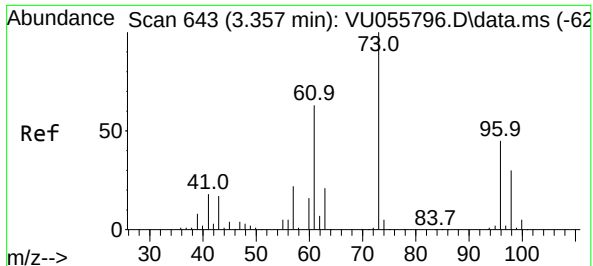
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#24
tert-Butyl Alcohol
Concen: 13.253 ug/l m
RT: 3.258 min Scan# 612
Delta R.T. 0.039 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32

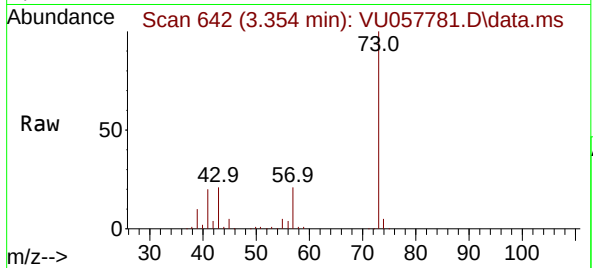
Tgt Ion: 59 Resp: 10956
Ion Ratio Lower Upper
59 100
57 0.0 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 10.265 ug/l
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32

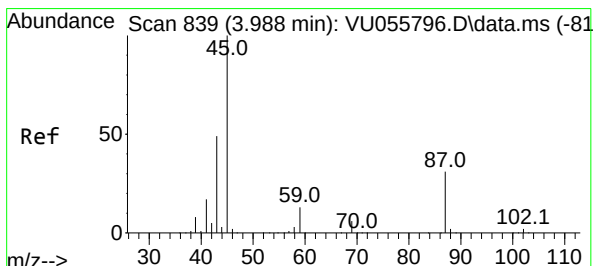
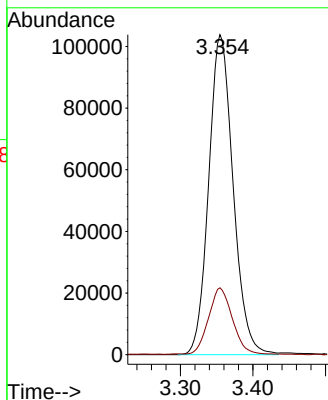
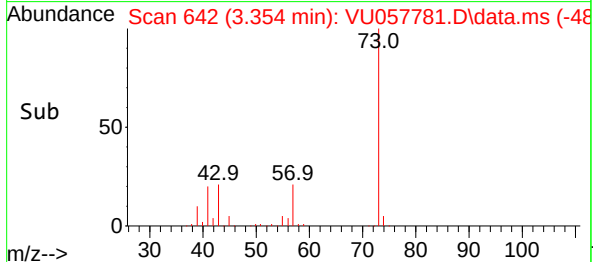
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL



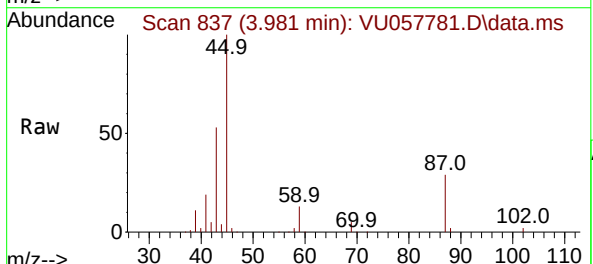
Tgt Ion: 73 Resp: 242699
Ion Ratio Lower Upper
73 100
43 20.2 15.0 22.6

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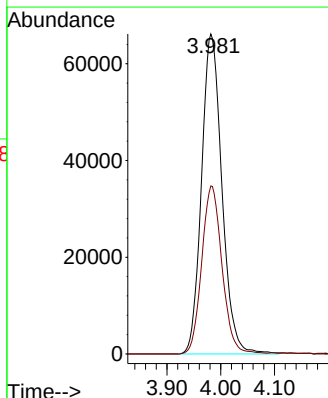
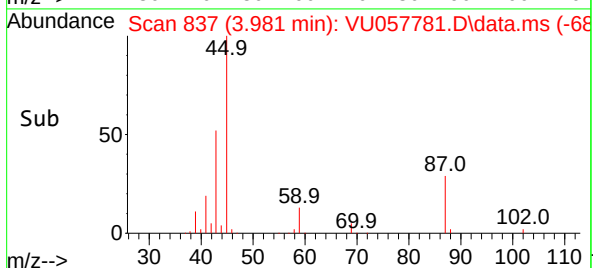
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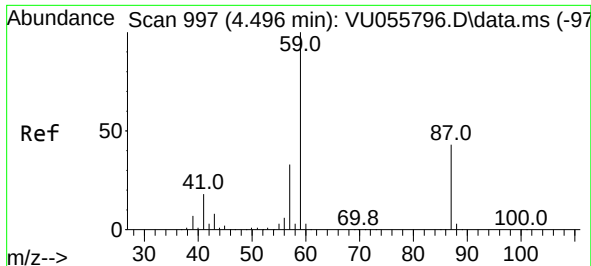


#31
Isopropyl Ether
Concen: 5.741 ug/l
RT: 3.981 min Scan# 837
Delta R.T. -0.007 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32



Tgt Ion: 45 Resp: 174469
Ion Ratio Lower Upper
45 100
43 52.2 27.5 82.5





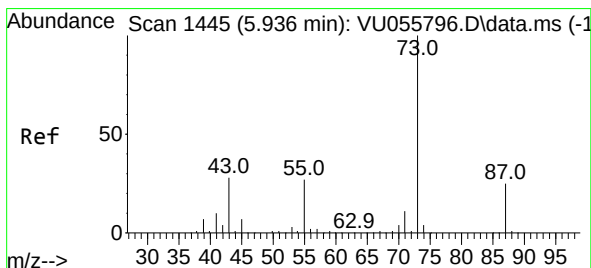
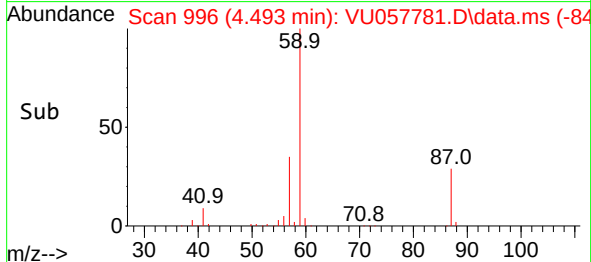
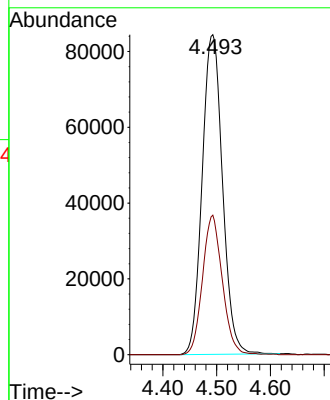
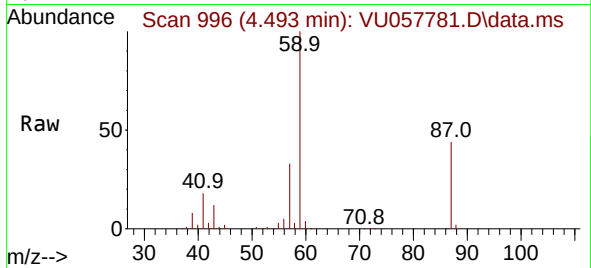
#32
Ethyl-t-butyl ether
Concen: 7.860 ug/l
RT: 4.493 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32

Instrument :
MSVOA_U
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PT-ADD-WSDL

Tgt Ion: 59 Resp: 22179
Ion Ratio Lower Upper
59 100
87 42.1 33.5 50.3

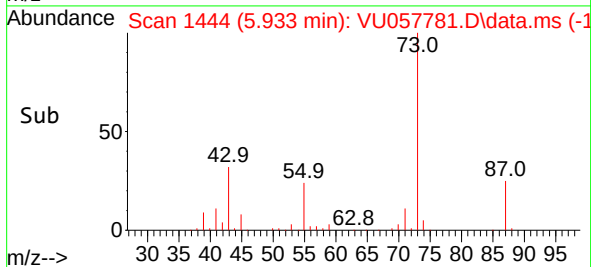
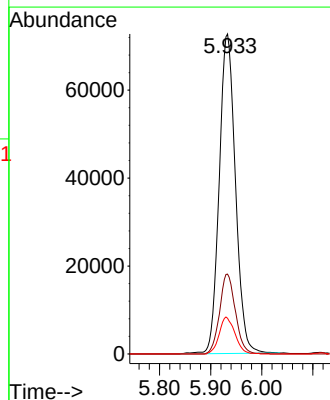
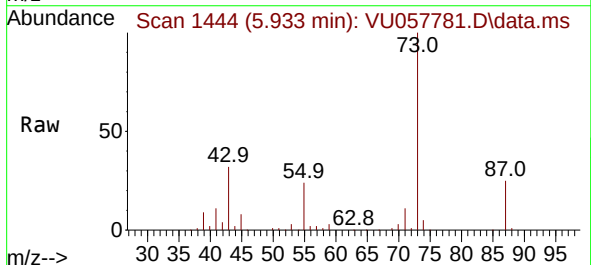
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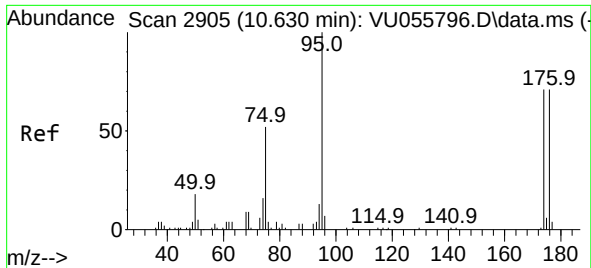
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#33
Tert-Amyl methyl ether
Concen: 6.745 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.003 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32

Tgt Ion: 73 Resp: 160228
Ion Ratio Lower Upper
73 100
87 23.9 18.6 28.0
71 10.9 9.9 14.9





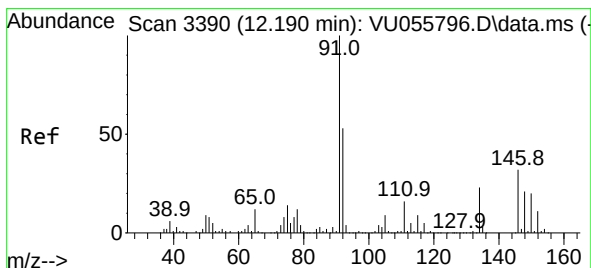
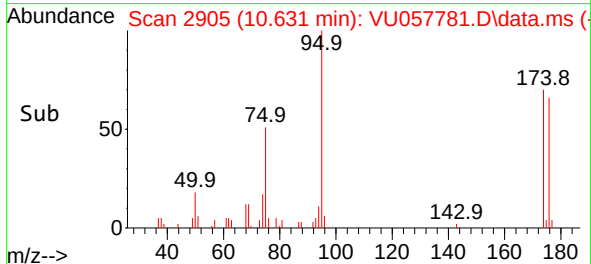
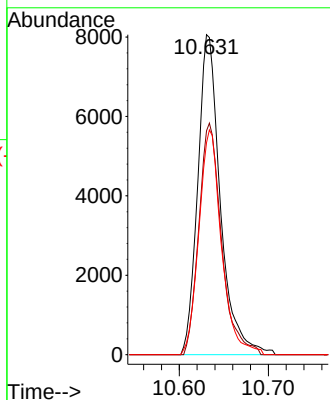
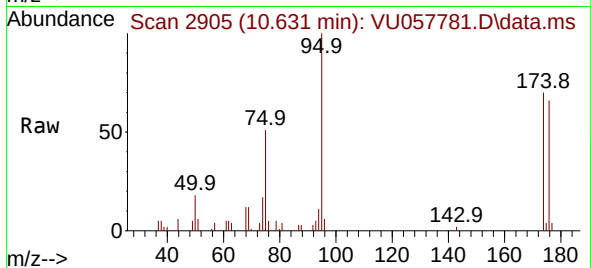
#57
4-Bromofluorobenzene
Concen: 0.927 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.001 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32

Instrument :
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Tgt Ion: 95 Resp: 1423
Ion Ratio Lower Upper
95 100
174 72.6 63.3 94.9
176 70.2 59.3 88.9

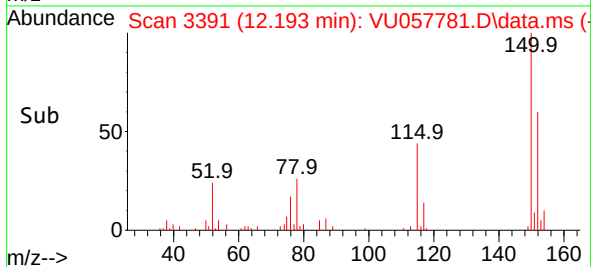
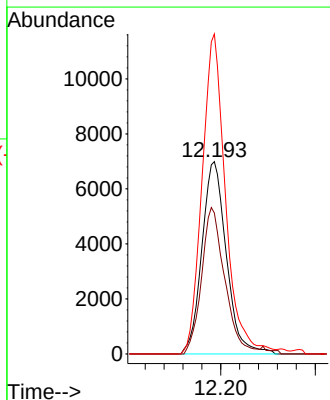
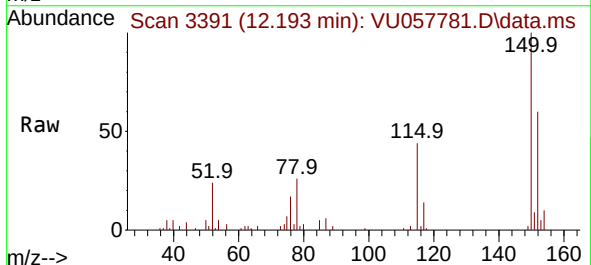
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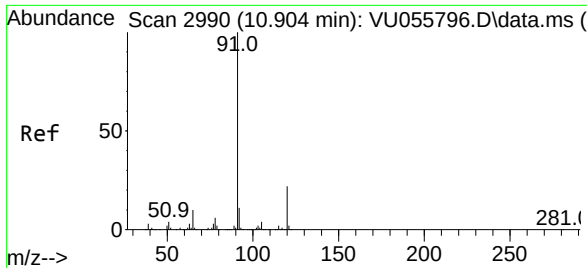
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Supervised By :Mahesh Dadoda 02/08/2024



#68
1,2-Dichlorobenzene-d4
Concen: 0.910 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32

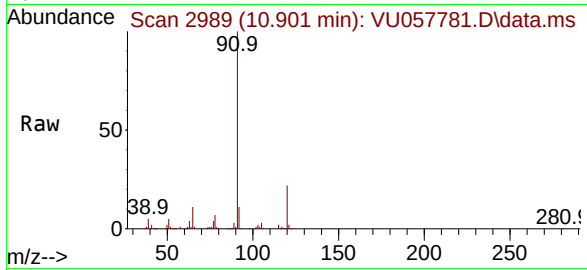
Tgt Ion:152 Resp: 12576
Ion Ratio Lower Upper
152 100
115 72.0 0.0 308.8
150 159.0 0.0 635.0





#73
n-propylbenzene
Concen: 7.442 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU057781.D
Acq: 01 Feb 2024 16:32

Instrument :
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Tgt Ion:120 Resp: 96145
Ion Ratio Lower Upper
120 100
91 458.7 369.8 554.6

Manual Integrations
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