

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060341.D
 Acq On : 07 Aug 2024 17:12
 Operator : MD/SY
 Sample : P3204-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 06:01:03 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	6.113	96	32735	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8247	0.739	ug/l	0.00
Spiked Amount 1.000			Recovery	=	74.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	10110	0.834	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	11618	1.230	ug/l	96
24) tert-Butyl Alcohol	3.181	59	6706m	6.750	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	81613	3.397	ug/l	99
31) Isopropyl Ether	3.984	45	48189	1.635	ug/l	90
32) Ethyl-t-butyl ether	4.496	59	233394	8.194	ug/l	96
33) Tert-Amyl methyl ether	5.933	73	171878	8.501	ug/l	99
73) n-propylbenzene	10.901	120	23691	2.202	ug/l	100

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

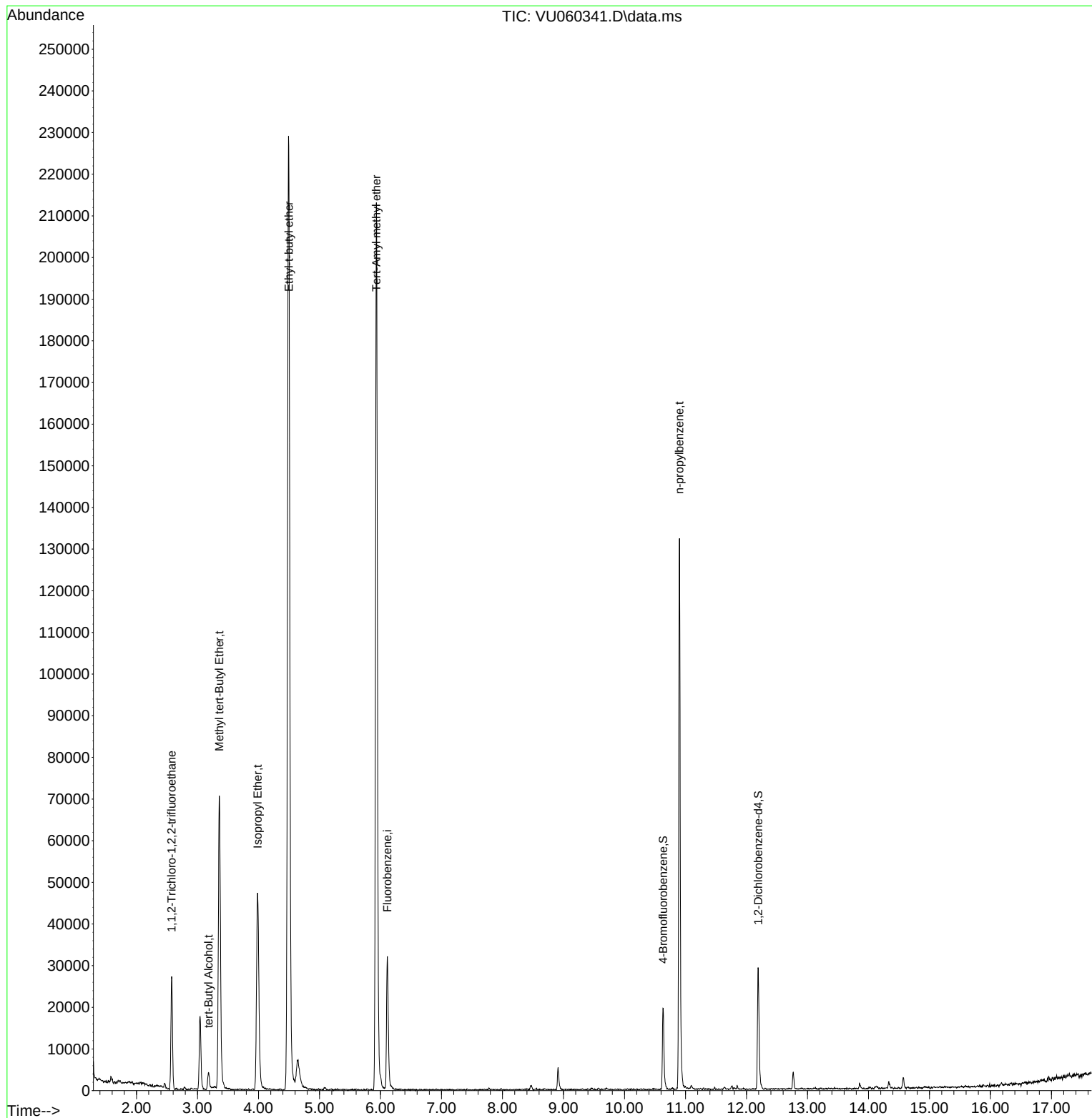
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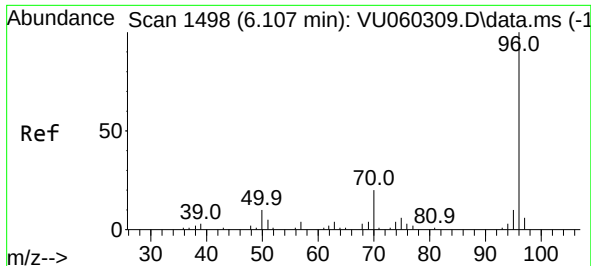
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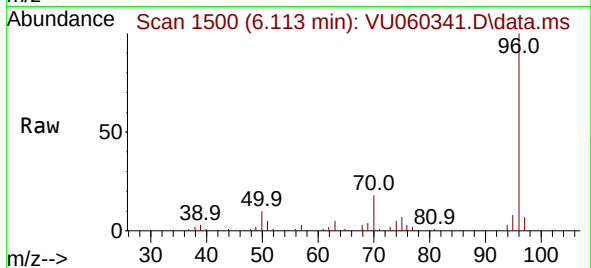
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 2024
Response via : Initial Calibration





#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1498
Delta R.T. 0.006 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12

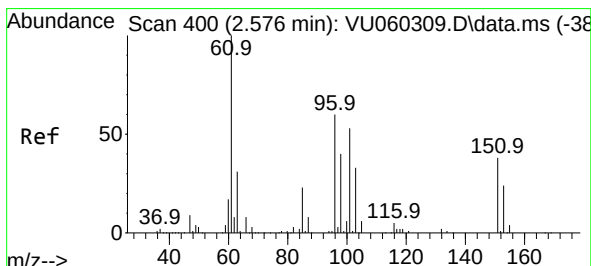
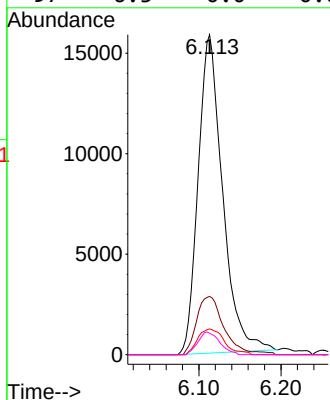
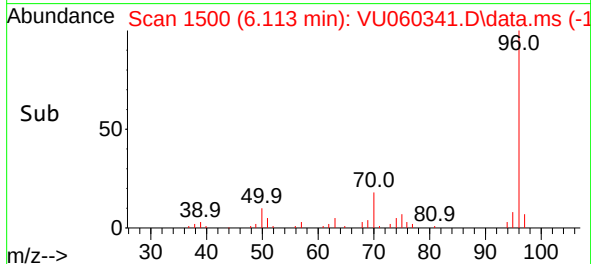
Instrument :
MSVOA_U
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PT-ADD-WSDL



Tgt Ion: 96 Resp: 32735
Ion Ratio Lower Upper
96 100
70 20.6 17.2 25.8
95 8.8 7.9 11.9
97 6.3 0.0 0.0#

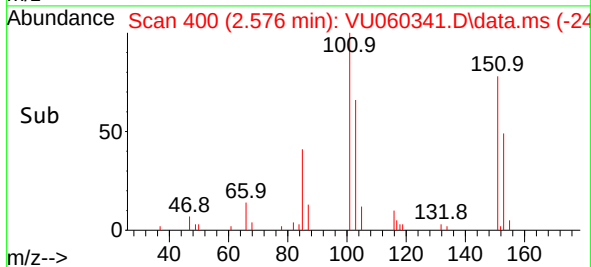
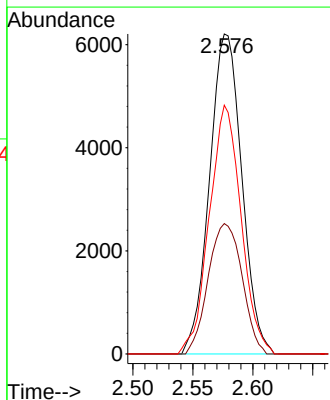
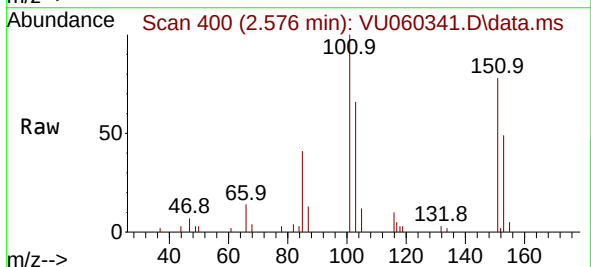
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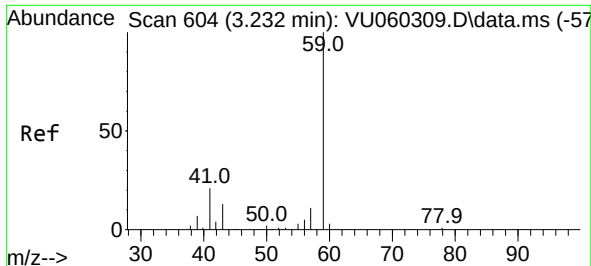
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.230 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12

Tgt Ion:101 Resp: 11618
Ion Ratio Lower Upper
101 100
85 42.7 34.9 52.3
151 76.5 57.2 85.8





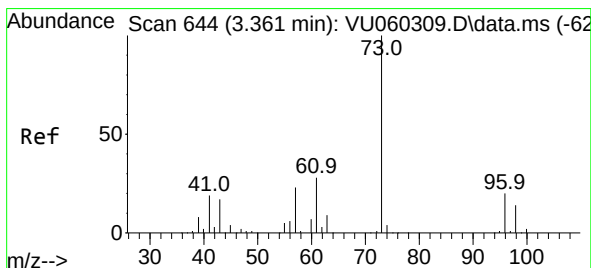
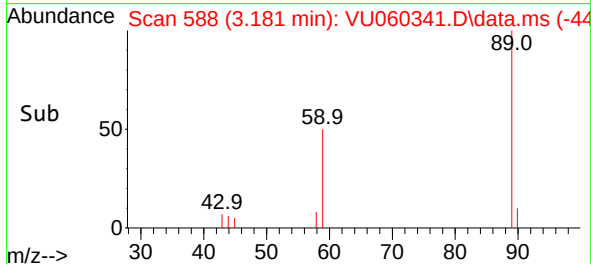
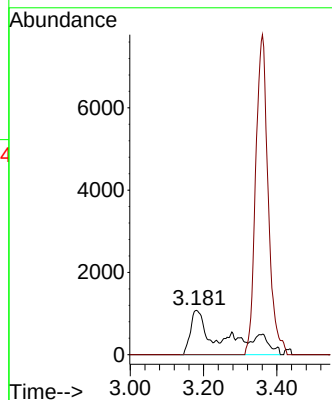
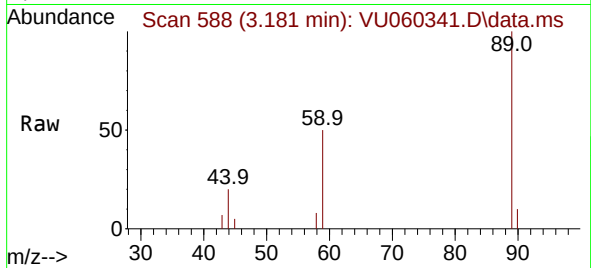
#24
tert-Butyl Alcohol
Concen: 6.750 ug/l m
RT: 3.181 min Scan# 59
Delta R.T. -0.051 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12

Instrument :
MSVOA_U
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Tgt Ion: 59 Resp: 6700
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7

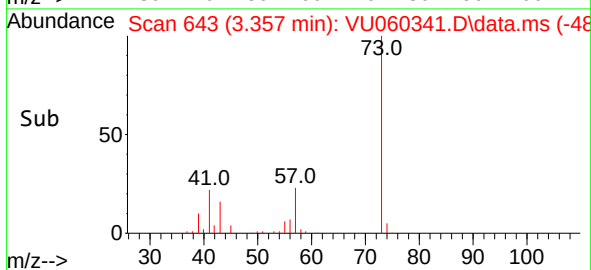
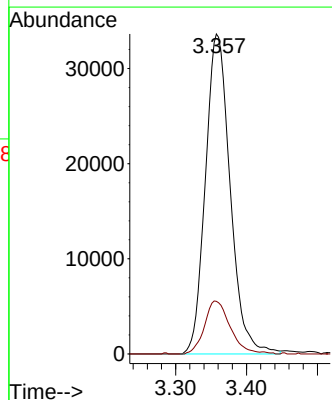
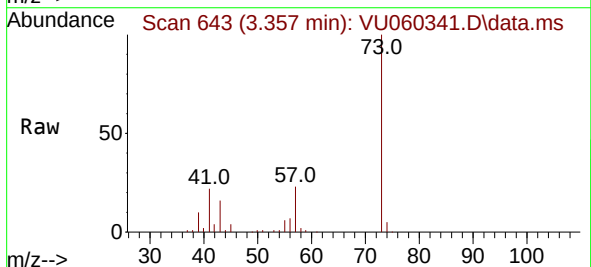
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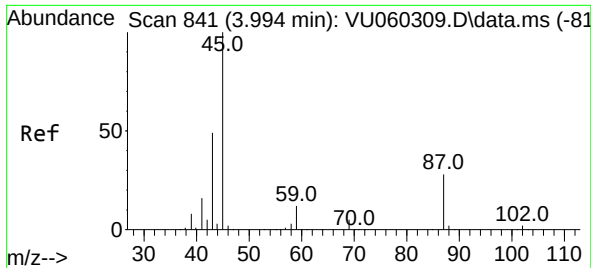
Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024



#25
Methyl tert-Butyl Ether
Concen: 3.397 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12

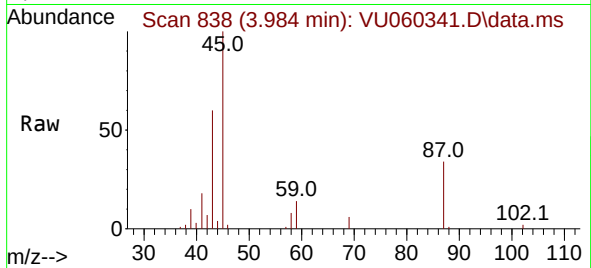
Tgt Ion: 73 Resp: 81613
Ion Ratio Lower Upper
73 100
43 17.1 14.1 21.1





#31
Isopropyl Ether
Concen: 1.635 ug/l
RT: 3.984 min Scan# 81
Delta R.T. -0.010 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12

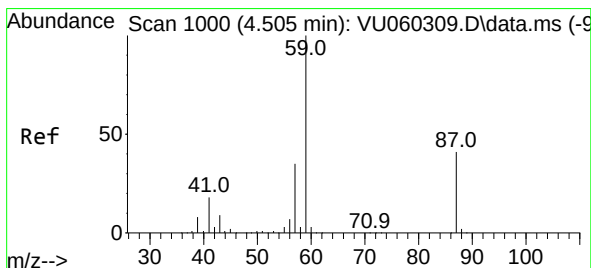
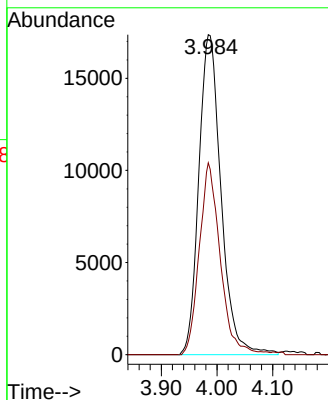
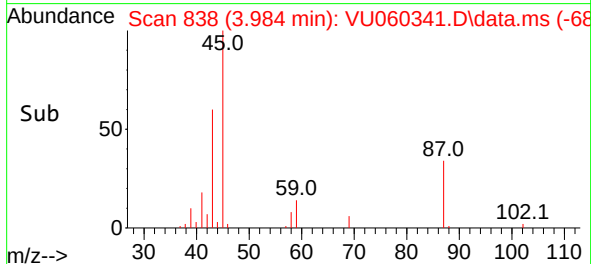
Instrument :
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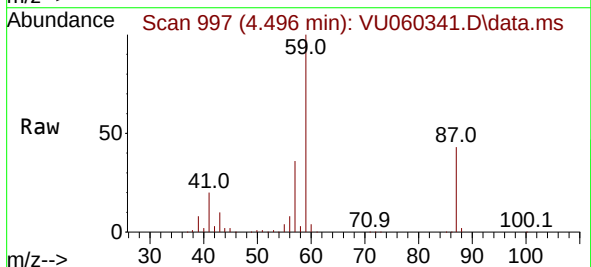
Tgt Ion: 45 Resp: 48189
Ion Ratio Lower Upper
45 100
43 56.1 24.7 74.1

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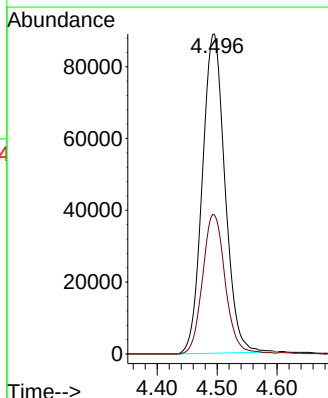
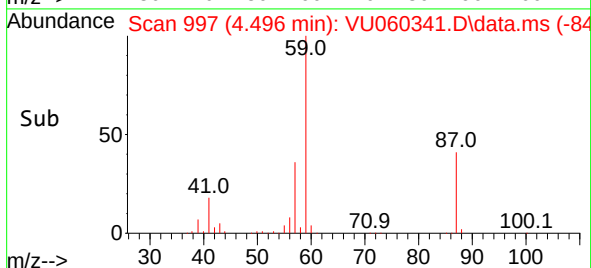
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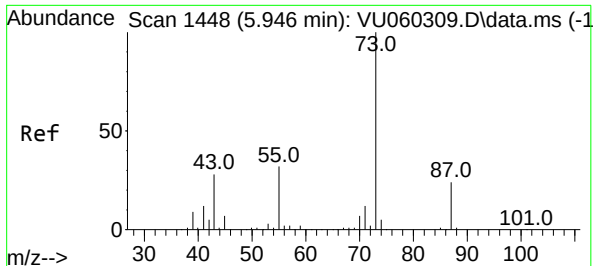


#32
Ethyl-t-butyl ether
Concen: 8.194 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.010 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12



Tgt Ion: 59 Resp: 233394
Ion Ratio Lower Upper
59 100
87 43.1 32.6 49.0





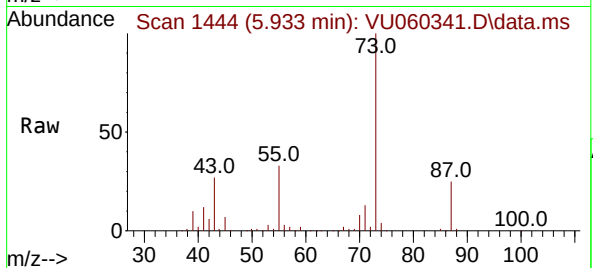
#33
Tert-Amyl methyl ether
Concen: 8.501 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12

Instrument :

MSVOA_U

ClientSampleId :

PT-ADD-WSDL

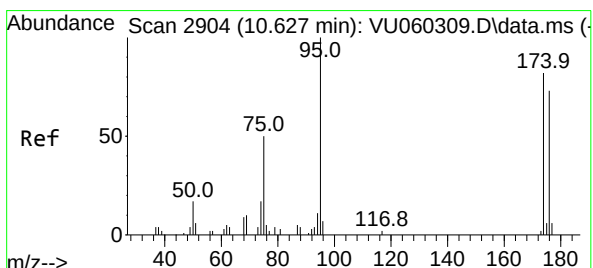
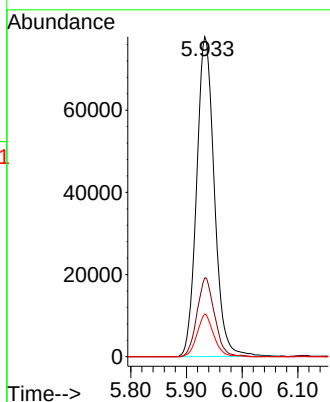
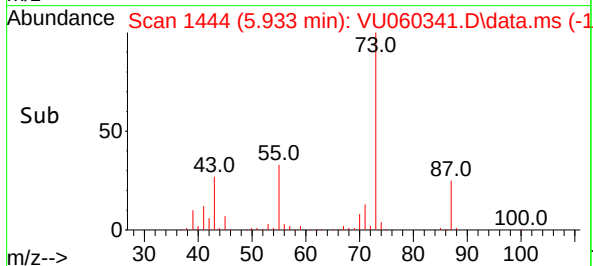


Tgt Ion: 73 Resp: 171878
Ion Ratio Lower Upper
73 100
87 23.8 19.6 29.4
71 12.5 9.5 14.3

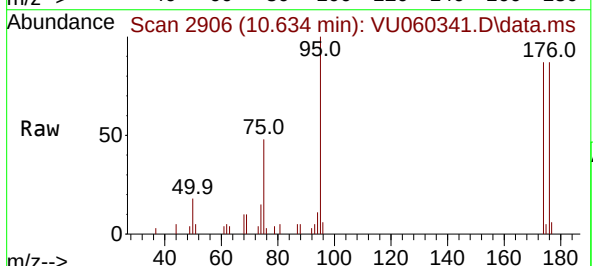
Manual Integrations

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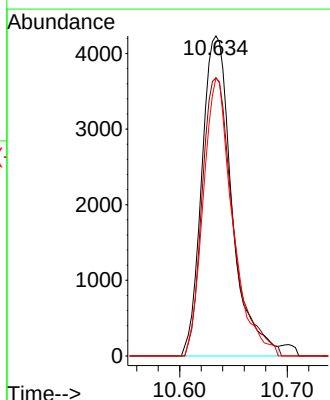
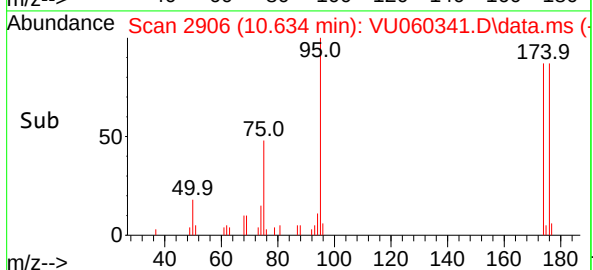
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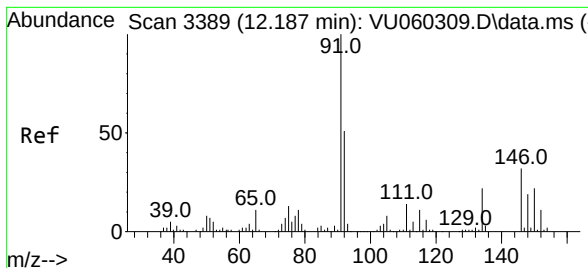


#57
4-Bromofluorobenzene
Concen: 0.739 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.006 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12



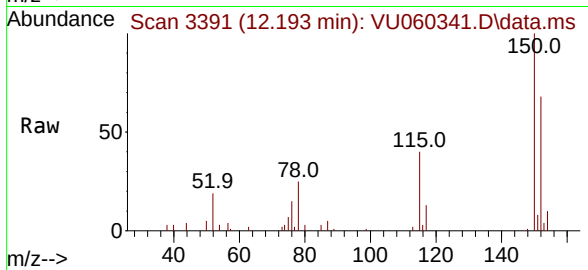
Tgt Ion: 95 Resp: 8247
Ion Ratio Lower Upper
95 100
174 89.2 65.6 98.4
176 84.3 60.4 90.6





#68
1,2-Dichlorobenzene-d4
Concen: 0.834 ug/l
RT: 12.193 min Scan# 3389
Delta R.T. 0.006 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12

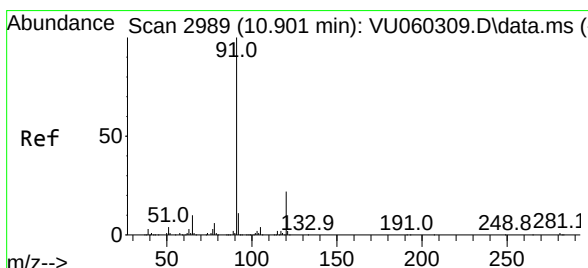
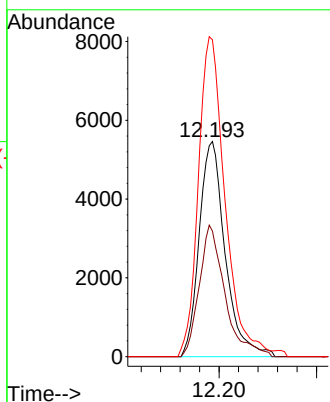
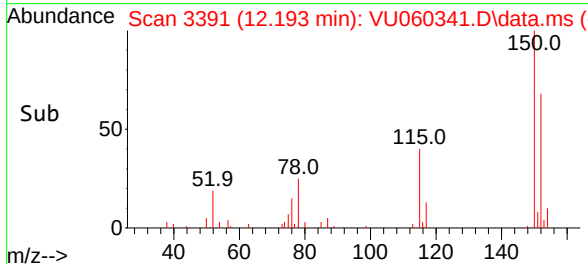
Instrument :
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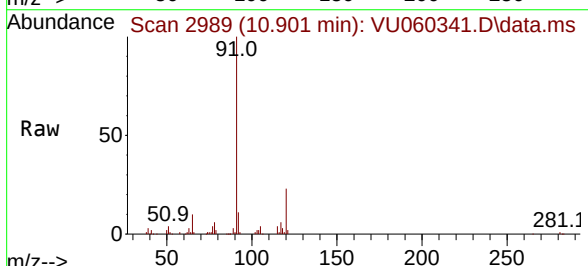
Tgt Ion:152 Resp: 10110
Ion Ratio Lower Upper
152 100
115 60.4 0.0 325.2
150 152.5 0.0 684.2

Manual Integrations
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#73
n-propylbenzene
Concen: 2.202 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU060341.D
Acq: 07 Aug 2024 17:12



Tgt Ion:120 Resp: 23691
Ion Ratio Lower Upper
120 100
91 451.5 362.2 543.2

