

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071921\
 Data File : VU044363.D
 Acq On : 19 Jul 2021 15:35
 Operator : SY/MD
 Sample : M3035-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/23/2021
 Supervised By : Mahesh Dadoda 07/23/2021

Quant Time: Jul 20 01:21:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 16 14:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.121	96	53801	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	20271	0.934	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	19753	0.933	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	110646	7.856	ug/l	98
15) Methylene Chloride	3.054	84	61292	3.143	ug/l	93
24) tert-Butyl Alcohol	3.208	59	5129m	7.498	ug/l	
25) Methyl tert-Butyl Ether	3.378	73	321612	8.386	ug/l	92
31) Isopropyl Ether	4.012	45	248804	5.240	ug/l	95
32) Ethyl-t-butyl ether	4.523	59	428086	9.143	ug/l	98
33) Tert-Amyl methyl ether	5.960	73	320400	7.696	ug/l	99
73) n-propylbenzene	10.912	120	112554	5.599	ug/l	93

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

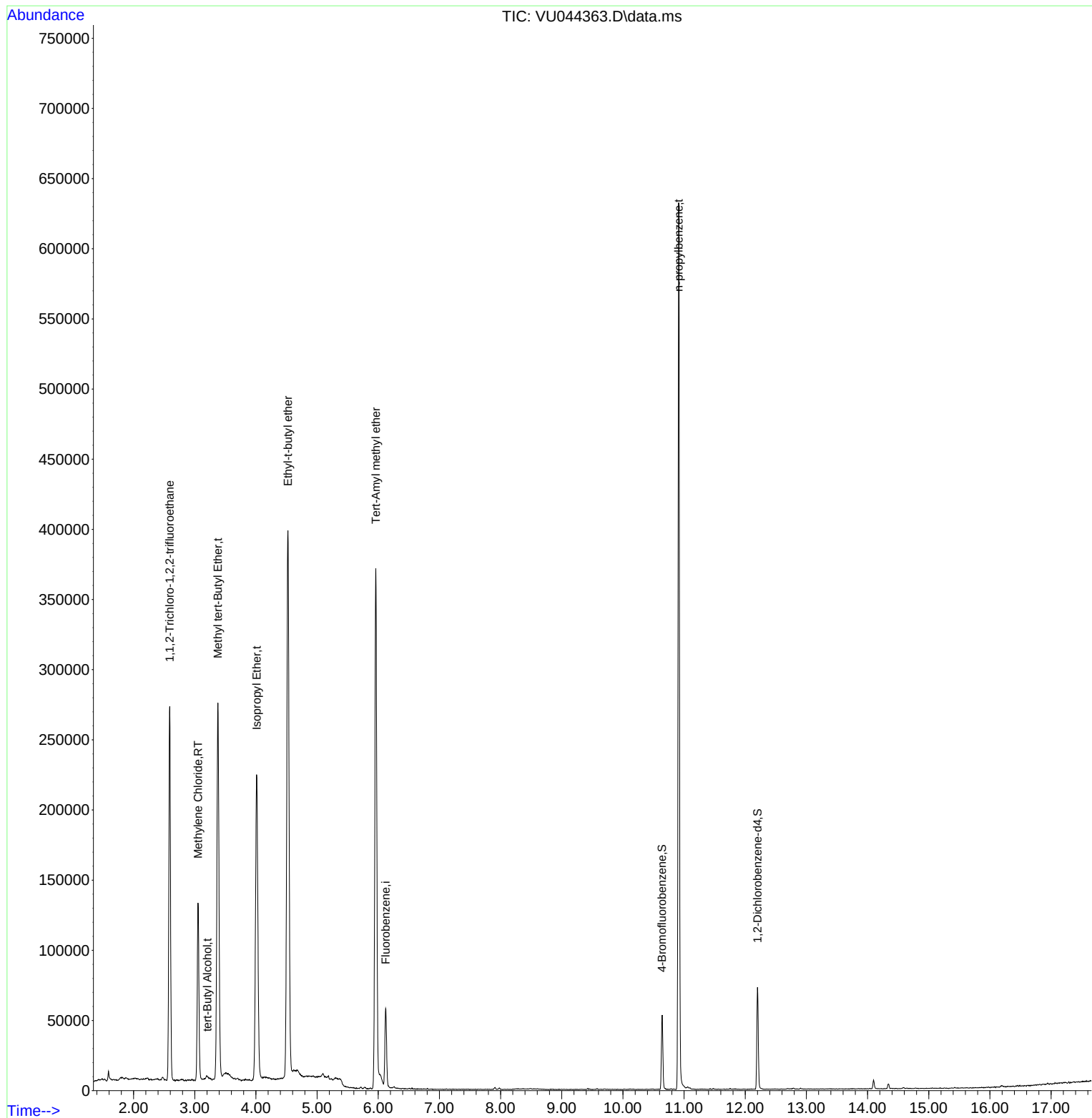
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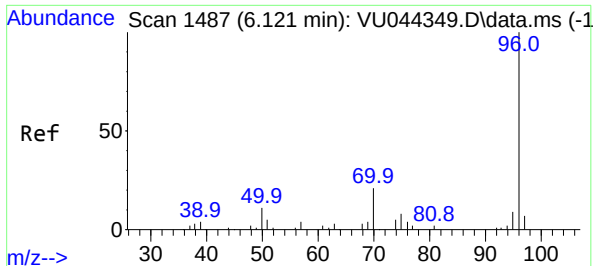
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Response via : Initial Calibration





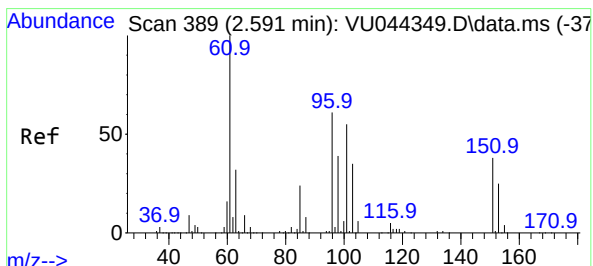
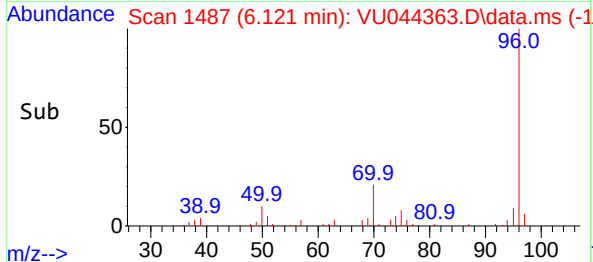
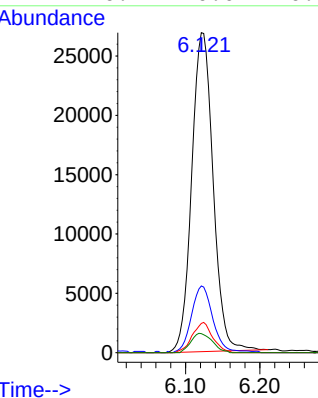
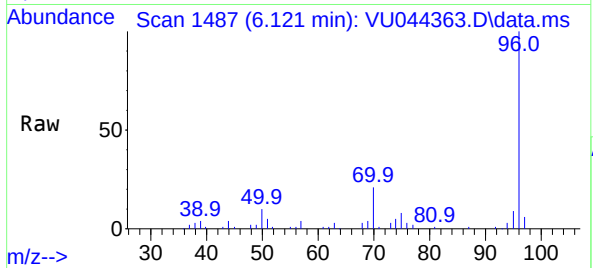
#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

Tgt Ion: 96 Resp: 5380
Ion Ratio Lower Upper
96 100
70 21.1 16.2 24.2
95 9.0 7.3 10.9
97 6.1 0.0 0.0#

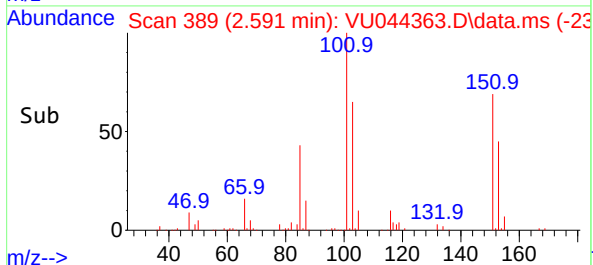
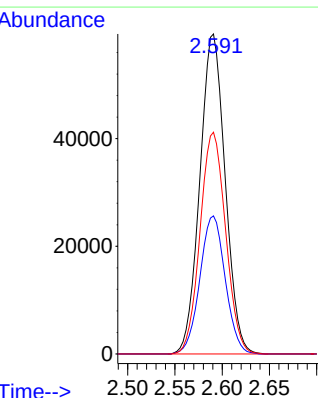
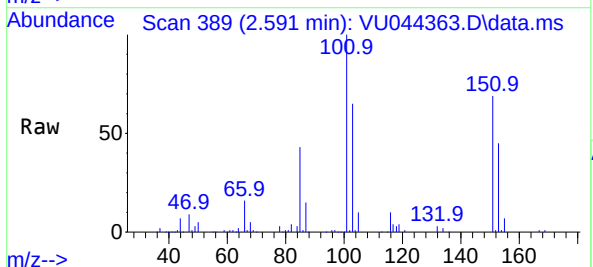
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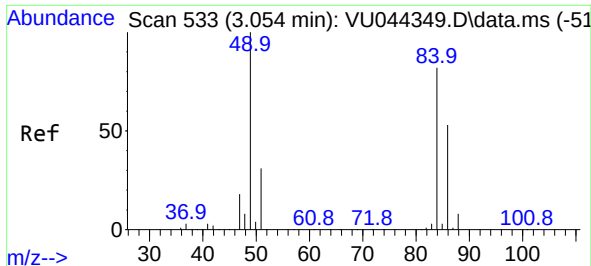
Reviewed By :John Carlone 07/23/2021
Supervised By :Mahesh Dadoda 07/23/2021



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.856 ug/l
RT: 2.591 min Scan# 389
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

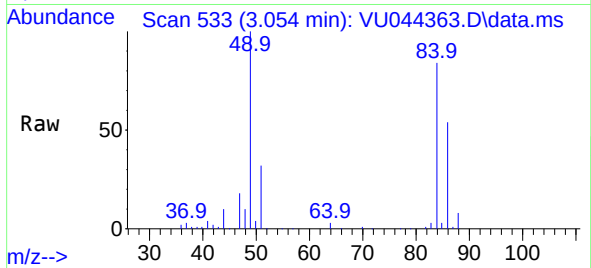
Tgt Ion:101 Resp: 110646
Ion Ratio Lower Upper
101 100
85 43.3 35.8 53.8
151 70.0 57.0 85.4





#15
Methylene Chloride
Concen: 3.143 ug/l
RT: 3.054 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

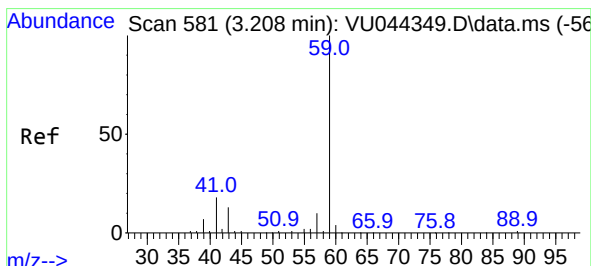
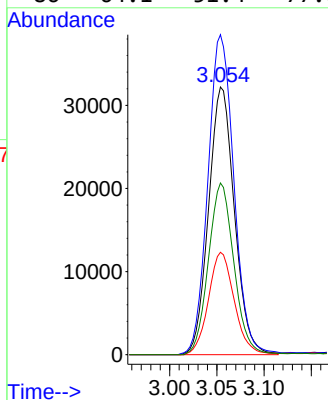
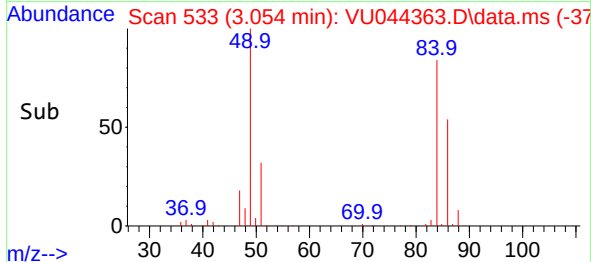
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL



Tgt Ion: 84 Resp: 61292
Ion Ratio Lower Upper
84 100
49 119.5 106.3 159.5
51 38.3 0.0 81.8
86 64.1 51.4 77.0

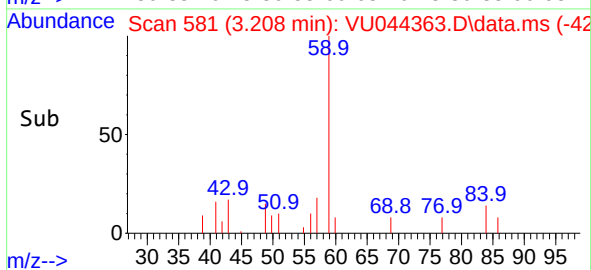
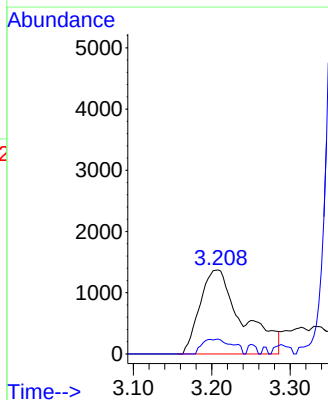
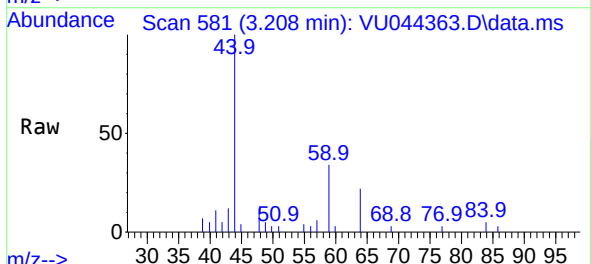
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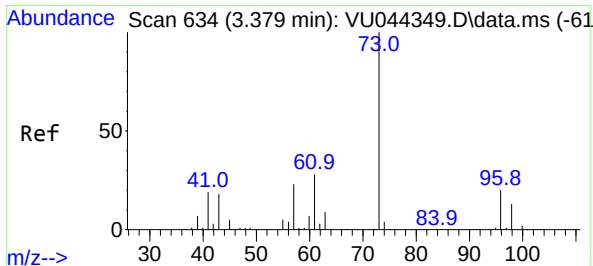
Reviewed By :John Carlone 07/23/2021
Supervised By :Mahesh Dadoda 07/23/2021



#24
tert-Butyl Alcohol
Concen: 7.498 ug/l m
RT: 3.208 min Scan# 581
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

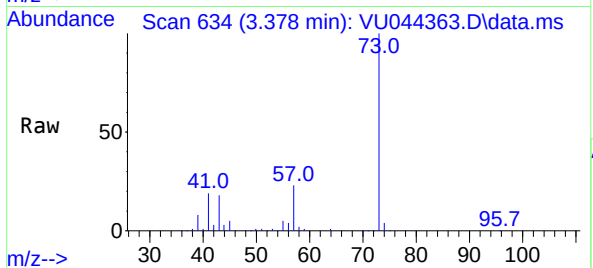
Tgt Ion: 59 Resp: 5129
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#25
Methyl tert-Butyl Ether
Concen: 8.386 ug/l
RT: 3.378 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

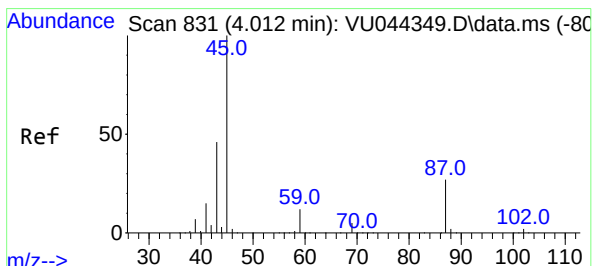
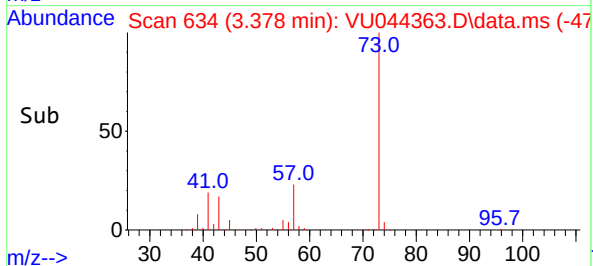
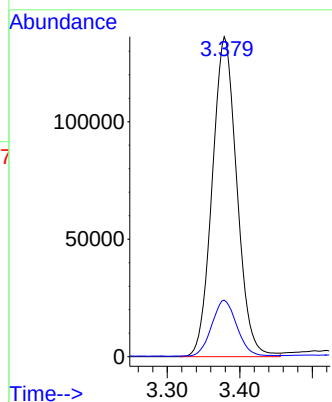
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 73 Resp: 32161
Ion Ratio Lower Upper
73 100
43 17.9 17.3 25.9

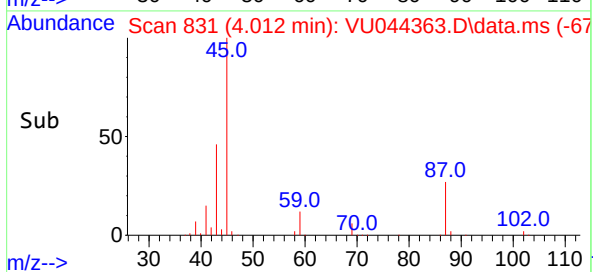
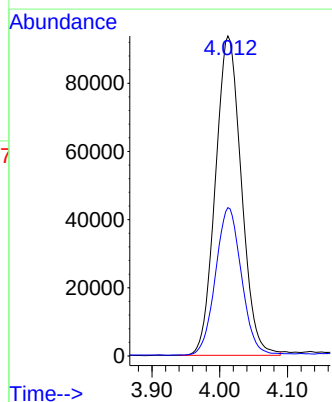
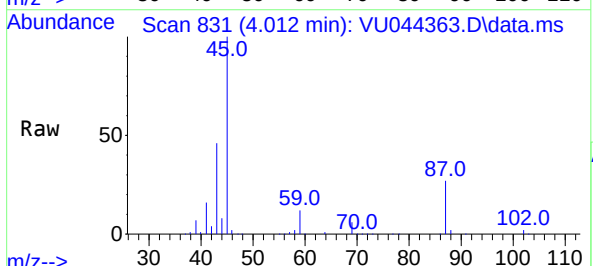
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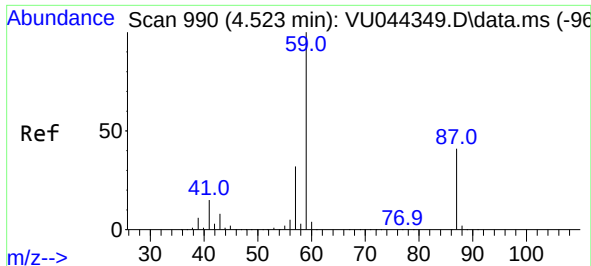
Reviewed By :John Carlone 07/23/2021
Supervised By :Mahesh Dadoda 07/23/2021



#31
Isopropyl Ether
Concen: 5.240 ug/l
RT: 4.012 min Scan# 831
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

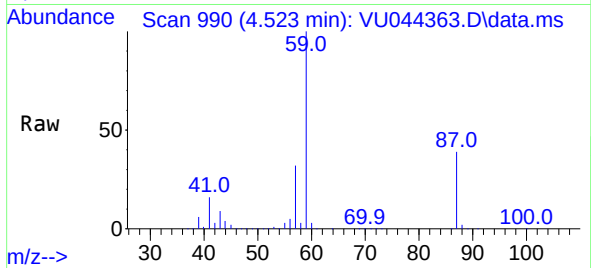
Tgt Ion: 45 Resp: 248804
Ion Ratio Lower Upper
45 100
43 46.3 24.9 74.6





#32
Ethyl-t-butyl ether
Concen: 9.143 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

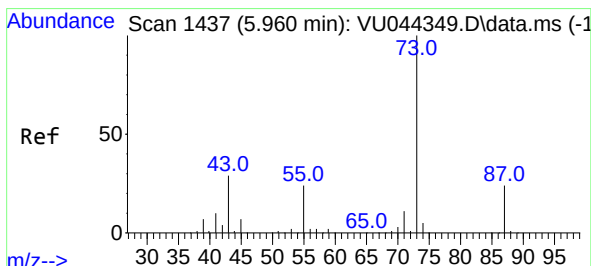
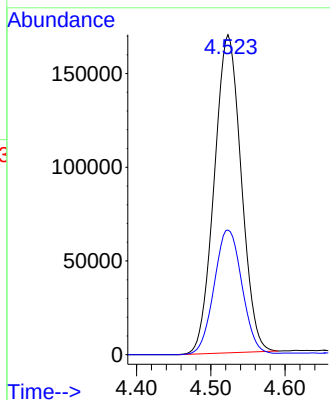
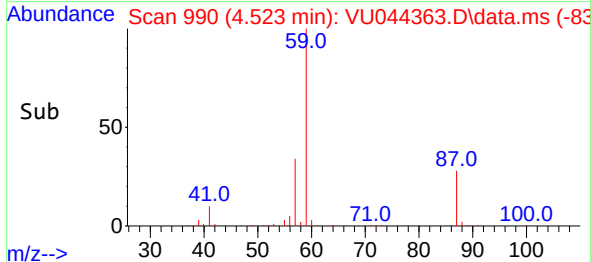
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL



Tgt Ion: 59 Resp: 428080
Ion Ratio Lower Upper
59 100
87 40.2 31.3 46.9

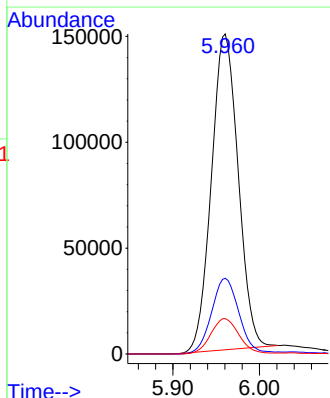
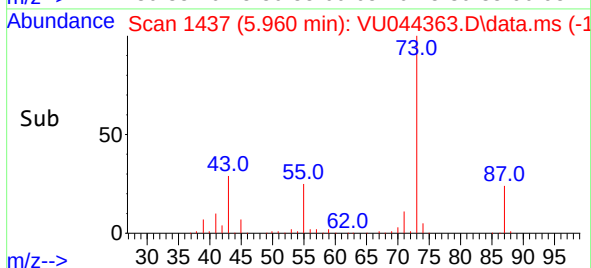
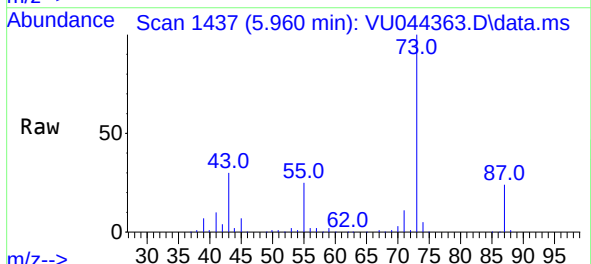
Manual Integrations
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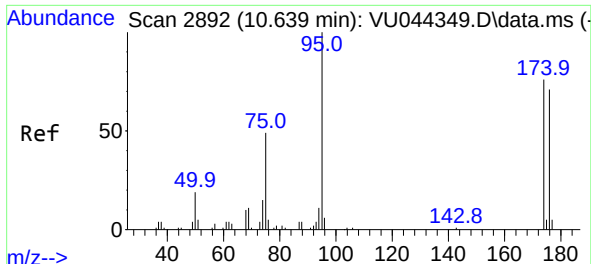
Reviewed By :John Carlone 07/23/2021
Supervised By :Mahesh Dadoda 07/23/2021



#33
Tert-Amyl methyl ether
Concen: 7.696 ug/l
RT: 5.960 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

Tgt Ion: 73 Resp: 320400
Ion Ratio Lower Upper
73 100
87 23.9 19.8 29.6
71 11.5 9.1 13.7





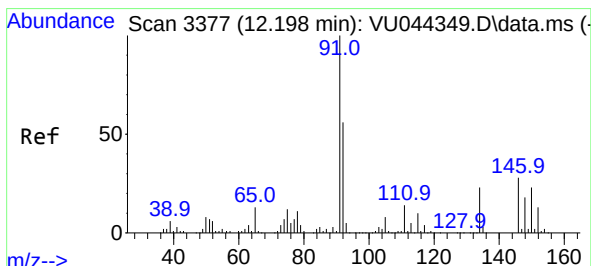
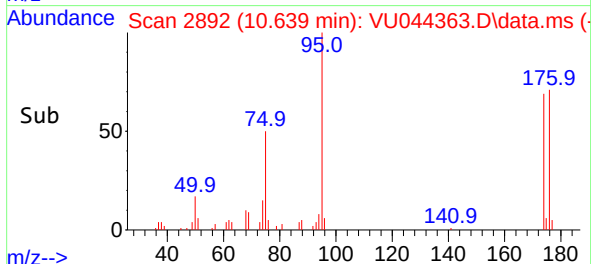
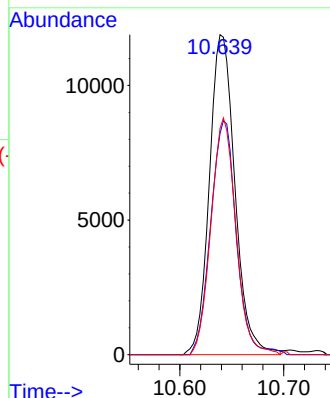
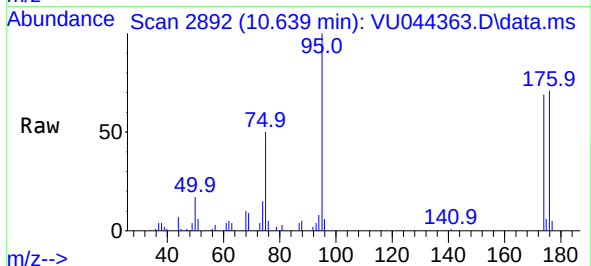
#57
4-Bromofluorobenzene
Concen: 0.934 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

Tgt Ion: 95 Resp: 2027
Ion Ratio Lower Upper
95 100
174 73.3 62.2 93.2
176 72.0 60.3 90.5

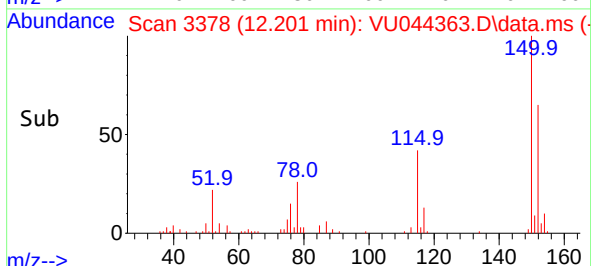
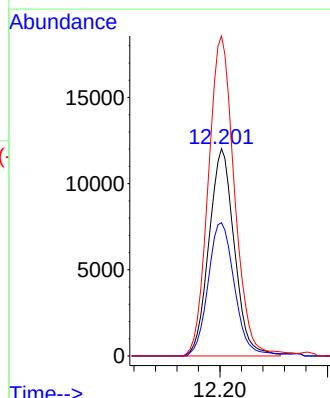
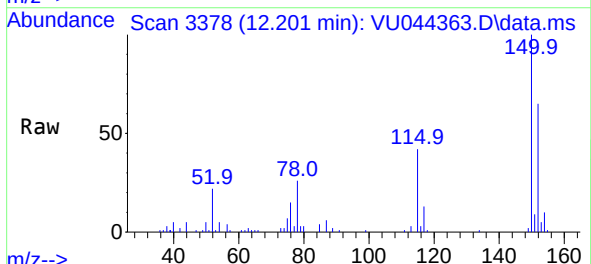
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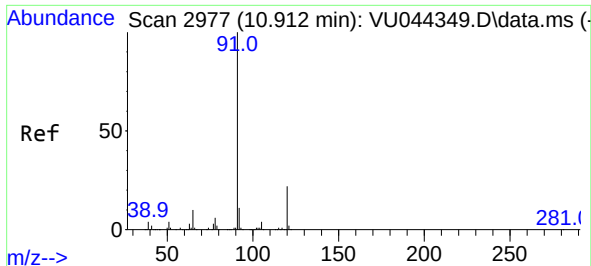
Reviewed By :John Carlone 07/23/2021
Supervised By :Mahesh Dadoda 07/23/2021



#68
1,2-Dichlorobenzene-d4
Concen: 0.933 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. 0.003 min
Lab File: VU044363.D
Acq: 19 Jul 2021 15:35

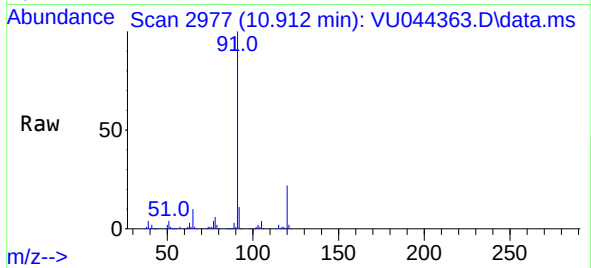
Tgt Ion:152 Resp: 19753
Ion Ratio Lower Upper
152 100
115 67.1 0.0 257.0
150 158.9 0.0 630.2





#73
 n-propylbenzene
 Concen: 5.599 ug/l
 RT: 10.912 min Scan# 2977
 Delta R.T. -0.000 min
 Lab File: VU044363.D
 Acq: 19 Jul 2021 15:35

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL



Tgt Ion:120 Resp: 112554
 Ion Ratio Lower Upper
 120 100
 91 451.9 346.6 519.8

Manual Integrations
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