


1L-04 MASS LABORATORY

Department	Department of Chemistry	
Laboratory Responsible	Prof. Dr. Bünyemin COŞUT	bcosut@gtu.edu.tr
Research Team	Technician Zehra Yamak	zyamak@gtu.edu.tr
	Mass specialist Ayşen Orhan Erkovan	aerkovan@gtu.edu.tr
Contact Information	Gebze Technical University Faculty of Science Chemistry Department 41400 Çayırova- Kocaeli	Phone: 0262 605 30 96
General Information	Mass analysis measurements of soluble molecules in organic solvents	
Applications	There are two mass analyzer system in laboratories; 1) ESI-MS: Soluble in common organic solvents, low molecular weight (<3000) of organic, inorganic, and some biological molecules, 2) MALDI-MS: High molecular weight organic and inorganic and large molecules such as proteins and polymers.	
Laboratory Photo		
Equipment	<ul style="list-style-type: none">○ 1)ESI-MS (Bruker Micro TOF-ESI/MS)○ 2)MALDI-MS (Bruker microflex LT MALDI-TOF MS)	