

1. Record Nr.	UNINA9910830358003321
Autore	McMaster Marvin C.
Titolo	GC/MS : a practical user's guide // Marvin C. McMaster
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley-Interscience, , 2008 ©2008
ISBN	1-118-21005-0 1-281-20402-1 9786611204020 0-470-22835-0 0-470-22834-2
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (194 p.)
Disciplina	543 543.85 543/.85
Soggetti	Gas chromatography Mass spectrometry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Sample preparation and introduction -- The gas chromatograph -- The mass spectrometer -- Getting started in GC/MS -- Chromatographic methods development -- Mass spectrometer setup and operation -- Data processing and network interfacing -- System maintenance and troubleshooting -- GC/MS in the environmental laboratory -- GC/MS in forensics, toxicology, and space science -- An introduction to structural interpretation -- Ion trap GC/MS systems -- Other GC/MS systems -- An introduction to LC/MS -- Innovation in GC/MS.
Sommario/riassunto	Updated and expanded, the classic guide to GC/MS helps chromatographers quickly learn to use this technique for analyzing and identifying compounds. After explaining the fundamentals, it discusses optimizing, tuning, using, and maintaining GC/MS equipment; explores advances in miniaturized and field-portable GC/MS systems and microfluidic components; and more. Complete with a CD-ROM, it

covers applications in the environmental laboratory and in forensics, toxicology, and space science. This is the premier resource for professionals in those fields and for students.
