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Edizione	[2nd ed.]
Descrizione fisica	1 online resource (194 p.)
Disciplina	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 (p. 173-174) 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.
