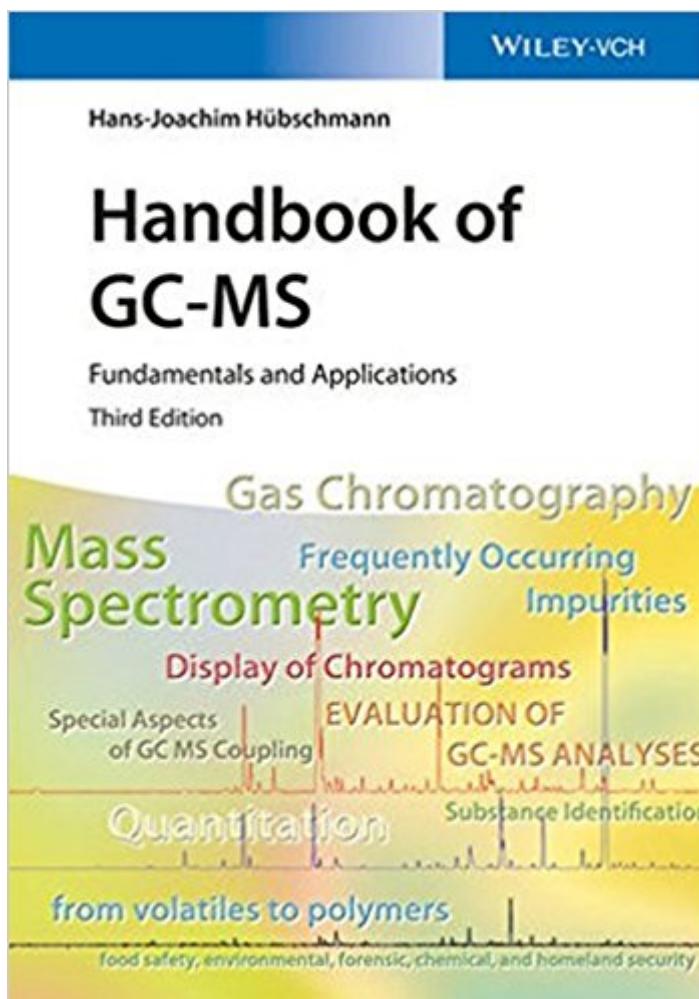


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# Handbook Of GC-MS: Fundamentals And Applications



## Synopsis

The only comprehensive reference on this popular and rapidly developing technique provides a detailed overview, ranging from fundamentals to applications, including a section on the evaluation of GC-MS analyses. As such, it covers all aspects, including the theory and principles, as well as a broad range of real-life examples taken from laboratories in environmental, food, pharmaceutical and clinical analysis. It also features a glossary of approximately 300 terms and a substance index that facilitates finding a specific application. For this new edition the work has been now extended to two volumes, reflecting the latest developments in the technique and related instrumentation, while also incorporating several new examples of applications in many fields. The first two editions were very well received, making this handbook a must-have in all analytical laboratories using GC-MS.

## Book Information

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## Customer Reviews

From reviews of the prior edition: "The present English version is more than just a handbook which means a comprehensive and instructive book on the subject. The most important advantage is that it has not only been written for the practitioner, but also the analyst who wishes to familiarise himself with any or all the aspects of GC/MS." - AFS - Advances In Food Sciences, 2001; Vol. 23; No. 3 "The book offers an excellent overview on the analytical method showing its principles as well as potential and possibilities. In summary, it is a very useful book for the daily GC/MS practice as well as for the introduction of beginners and students in this analytical technique. It should be present in every food environmental, pharmaceutical and clinical GC/MS laboratory." H. Raddatz, European

Food Research and Technology The book is a detailed overview on the fundamentals, developments, 'The book is a detailed overview on the fundamentals, developments, and applications in the various fields of GC-MS.' (Springer 2016)

Nowadays, gas chromatography/mass spectrometry is a frequently-used technique, with applications in food, pharmaceutical, clinical and environmental analysis. It allows both the separation of mixtures and the identification of the individual compounds of a mixture in one instrument. This is the only comprehensive reference on the technique, providing a detailed overview ranging from fundamentals to applications. As such, it covers all aspects, including the theory and principles, as well as a broad range of real-life examples taken from laboratories. It also features a glossary of approximately 300 terms and a substance index that facilitates finding a specific application. For this new edition the handbook has been now extended to two volumes, reflecting the latest developments in the technique and related instrumentation. A must-have in all analytical laboratories using GC-MS.

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