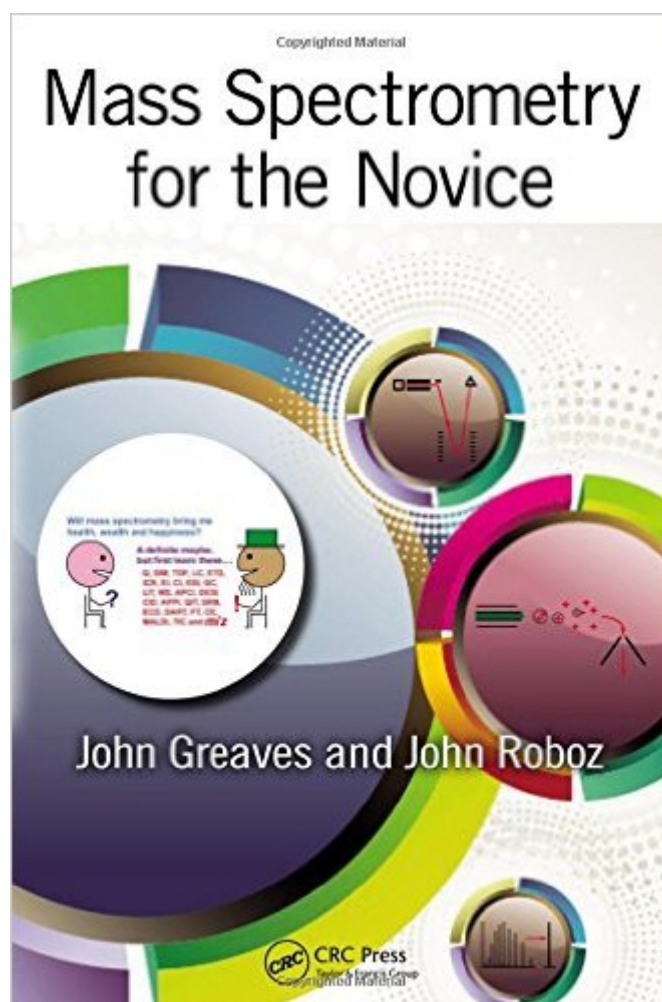


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# Mass Spectrometry For The Novice



## Synopsis

With usage of mass spectrometry continually expanding, an increasing number of scientists, technicians, students, and physicians are coming into contact with this valuable technique. Mass spectrometry has many uses, both qualitative and quantitative, from analyzing simple gases to environmental contaminants, pharmaceuticals, and complex biopolymers. The extraordinary versatility can make mass spectrometers daunting to novices. Consequently, new users would benefit greatly from an understanding of the basic concepts as well as the processes that occur in these instruments. *Mass Spectrometry for the Novice* provides exactly that, with detailed, straightforward descriptions and clear illustrations of principles of operations and techniques. The book begins with an overview that includes essential definitions and then provides information on the components of and the strategies used in the most common instruments. The authors discuss the methodologies available, classes of compounds analyzed, and the types of data that can be generated. A group of representative applications from published articles is summarized, demonstrating the diversity of mass spectrometry. The authors also condense the essentials of the topic into one invaluable chapter that provides a set of concise take-home messages on all aspects of mass spectrometry. The final section provides a collection of resources including books, reviews, and useful websites. Using simple language, new color figures, clever cartoons, and assuming no prior knowledge, this book provides a readily understandable entrance to mass spectrometry. A CD-ROM with selected figures and cartoons is included.

## Book Information

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## Customer Reviews

I run a chemical research program in a California public high school. I found this book to be readable and informative. The cartoons are great--entertaining, educational and reassuring. Although I did have some on-the-job training in mass spec prior to reading, this book helped me understand the theory behind mass spec and helped me identify some common mistakes I had been making in sample preparation.

I can't begin to explain how good of a book this is. I am a second year graduate student in an Analytical chemistry lab, and this book has been my savior. I can move on to advance texts now after having my fundamentals in place. An amazing beginner book!

This is a great book for those either with no experience or with a fair amount of user experience but not the detailed knowledge. I would recommend it to anyone interested in mass spec!

Every day more people from areas with low or none knowledge of MS is using this technique in their research or job. This book is excellent for those who needs to understand MS from the very beginning.

I really love this book. I strongly recommend for people that need to improve their knowledge in MS, or for people that are learning MS.

an excellent resource for students and faculty.

It is a good book to learn mass spectrometry.

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