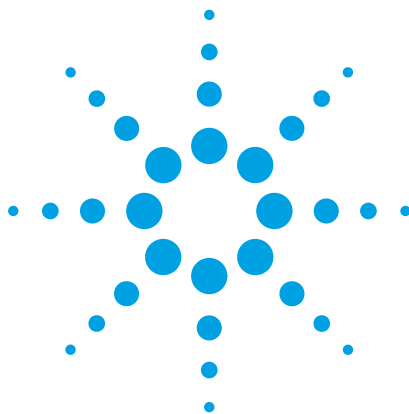




Introduction to Mass Spectral Interpretation I

Agilent Chemical Analysis Training Courses

H5313A

One Day
Lecture Only

Description

Introduces the most commonly used tools for identifying unknown compounds from their mass spectra. Also teaches an effective alternative to relying solely on spectral library searching to identify unknown compounds.

Numerous problem-solving exercises reinforce instruction.

The course focuses on calculations.

Course Outline

- Nomenclature and Definitions
- Rings and Double Bonds
- Interpretation Procedure
- Isotopic Abundances
- Logical Neutral Losses
- Problem-Solving

Prerequisites

A working knowledge of a modern GC-MS system. Exposure to college chemistry is desirable.

Students should bring a calculator to aid problem solving.

Student Profile

Anyone who operates a mass spectrometer in the SCAN mode to obtain qualitative information and who would like an alternative means of identifying unknown compounds.

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