



Introduction to Troubleshooting and Preventive Maintenance for the 5972 GC-MSD System

Agilent Chemical Analysis Training Courses

H5317A

One Day
Hands-On Ion Source Cleaning

Description

Addresses how to perform preventive maintenance and troubleshooting to keep the 5972 GC-MSD system working properly.

Presents the most common maintenance problems, possible causes, and a logical troubleshooting scheme to find the source of the problem and correct it.

Includes discussion of typical Auto-Tunes and problem Auto-Tunes. Also offers class exercises that enhance understanding of troubleshooting and maintenance principles.

Course Outline

- Analyzer Fundamentals
- Vacuum System Fundamentals
- Analyzer Problems and Repair
- Vacuum Problems and Repair
- Foreline Pump
- Diffusion Pumps
- GC-MS Interface
- Capillary Split/Splitless Maintenance
- Preventive Maintenance
- Ion Source Cleaning

Prerequisites

None. However, a working knowledge of the 5971/5972 GC-MSD is highly recommended.

Student Profile

Someone with a fundamental knowledge of the 5971/5972 MSD and who is responsible for troubleshooting and maintaining the system.

Equipment Used during Training

5971/5972 Mass Selective Detector Ion Source

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