



## **Workshop DART QDa**

Introduction to DART-MS:

Ten Minutes and Few Samples

Basics of Direct Analysis in Real Time (DART) thermal desorption and ambient ionization will be described in a short series of slides. DART is one of the first sources to permit direct sample analysis in open air. Utilizing the WATERS QDa mass detector we will describe several key experiments that make the DART a valuable addition to your chemical analysis arsenal. Examples of pharmaceutical analysis using thermal profiling, detection of trace contaminants in foods, and the utilization of direct desorption of chemicals from both solid phase microextraction (SPME) probes and determination of drugs on paper surfaces will be demonstrated.