

# 2D-GC-MS

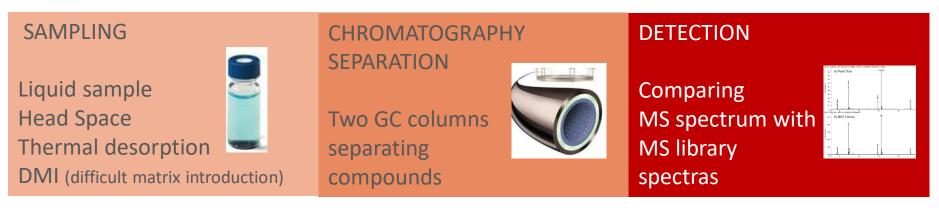
## Two-dimensional Gas Chromatography – Mass Spectrometry

### FOR IDENTIFYING VOLATILE COMPOUNDS FROM CHALLENGING MATRIXES



#### **Comprehensive GC-MS System by Shimadzu**

- GCMS-QP2010 *Ultra* with Zoex ZX-1 Modulator
- SPL Split/Splitless + Optic-4 multimode injectors
- MS + FID detectors
- AOC-5000 Plus sampling robot
- Cold trap



#### **STUDY EXAMPLES**

Monitoring compounds of pyrolysis distillates Monitoring fungi volatiles from infected spruces Monitoring thermal breakdown of silica coatings Monitoring exhaled breath compounds relating diets Monitoring what is "mysterious stuff" in various samples Monitoring resin acids and from coniferous resin salves Monitoring volatile compounds of mushrooms Recognizing plasticizers from plastics Detecting smelling contaminant What`s the smell?

What compounds are in this?

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