Headspace Autosampler
Automated, high-throughput analysis with the Vocus PTR-TOF

Features
• Static and dynamic headspace analysis
• Quantitative liquid analysis
• Automated, high-throughput analysis controlled with Vocus acquisition software

Applications
• Water
• Food and Beverages
• In vitro plants
• Microorganisms
• Automotive material emissions
• Consumer products
**Vocus PTR-TOF**

**Automated Quantification of VOCs in Large Sets of Samples**
VOC emissions from many samples can be rapidly quantified and compared, as shown here for synthetic leather and foam samples.

**Confident Identification of VOCs in Complex Mixtures**
The high mass resolving power of the Vocus 2R enables identification and quantification of individual compounds in complex mixtures.

**Fast Screening of Samples**
VOCs of interest can be quickly measured and compared across samples, as demonstrated here for a set of 8 different packaging materials.

**Specifications**
- **Vials**: Up to 360, 10 or 20 mL
- **Vial Treatment Temperature**: Up to 200°C
- **Vial Storage Temperature**: 4°C - 70°C
- **Purging flow**: Up to 150 sccm
- **Max throughput**: 1 vial / 10 s