



Vocus Elf PTR-TOF

The most compact and economic solution for real-time trace VOC monitoring and screening



Features

- Revolutionary Reaction Cell Design that brings exceptional sensitivity and speed.
- Low detection limit 50 ppt in 1 min.
- Field-Ready Hardware. Compact, durable architecture brings laboratory-grade performance to challenging environments.
- Small footprint with 380 x 500 x 650 mm and < 450 W power consumption.

Applications

- Air toxic monitoring
- Mobile monitoring for source emissions
- Industrial park air monitoring
- Fenceline monitoring
- Fast screening of material emissions
- QA/QC on production line

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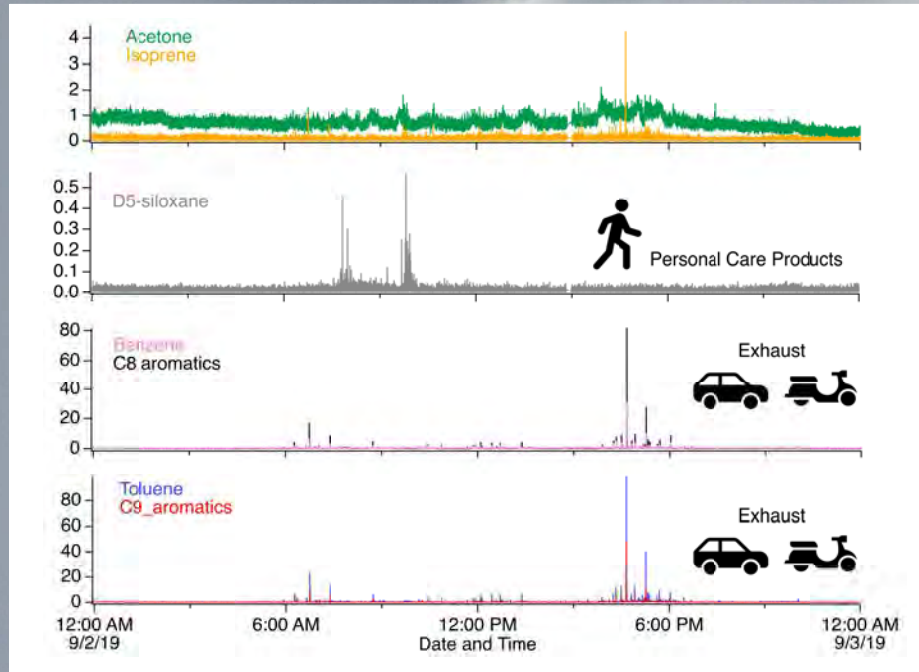
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Vocus

Round-the-clock, online real-time monitoring of VOCs

Vocus Elf PTR-TOF provides real-time monitoring of ambient VOCs from complex sources, enabling the capture of rapid changes in concentrations.

Different source VOCs exhibit different diurnal profiles. D5-siloxane from personal care products shows enhanced levels in morning rush hour, whereas aromatics from traffic exhaust peaks in the afternoon rush hour.



Mobile measurements of ambient air

Enhanced mapping of speciated VOCs in the urban area using Vocus Elf PTR-TOF for real-time measurements of ambient air on the go.



Specifications

Sensitivity (cps/ppb, Xylene)	300
LOD (1-min, Xylene)	50 ppt
Resolving Power Maximum	300
Size	380 x 500 x 650 mm
Power (Max / Typical)	450 / 400 W