



Vocus Elf CI-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 < 20 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

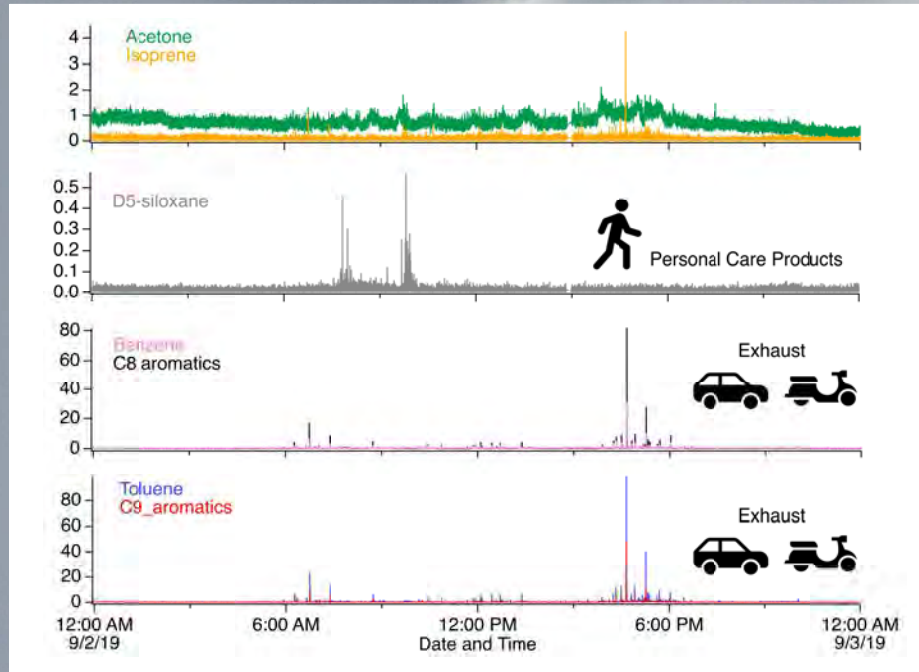
- Air toxic monitoring
- Mobile monitoring for source emissions
- Industrial park air monitoring
- Fenceline monitoring
- Fast screening of material emissions
- QA/QC on production line

Vocus

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

Vocus Elf CI-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 CI-TOF for real-time measurements of the ambient air on the go.



Specifications

Sensitivity (cps/ppb, Xylene)	500
LOD (1-min, Xylene)	< 20 ppt
Resolving Power	500
Maximum Resolving Power	750
Size	380 x 500 x 650 mm
Power (Max / Typical)	450 / 400 W

TOFWERK

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