

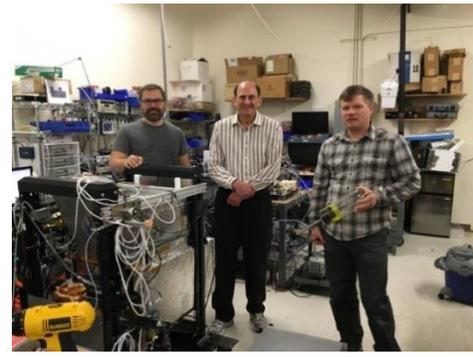
Rapid, Real-Time, Mobile Trace Gas Detector

Entanglement Technologies' Autonomous Rugged Optical Multi-gas Analyzer (AROMA-TCE) measures trace concentrations of vapor gases, making the invisible world of chemicals accessible and actionable:

- Mobile sensor: Field unit fits in vehicle, performs rapid field tests without the need of carrier gas

Chemical	Sensitivity
Trichloroethylene	<50 pptv (0.1 ug/m ³)
Benzene	<10 pptv (0.03 ug/m ³)
Toluene	<50 pptv (0.15 ug/m ³)
Ethylbenzene	<100 pptv (0.45 ug/m ³)
Xylenes	<100 pptv (0.45 ug/m ³)

- Field tests: MEW Superfund site, ESTCP sewer project, screening homes with vapor intrusion, soil vapor analysis, airborne toxics after Hurricane Harvey in Houston
- Partners: UK SRP Researchers, EPA, EDF



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