Ozone Detection via Gas Chromatography

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- **A new technique for ozone detection and quantification in gases have been developed by ORNL.**
- **The methodology is based on injection of gas samples into a gas chromatograph. Ozone reacts and generates carbon dioxide in the gas chromatograph. The carbon dioxide is then measured by the gas chromatograph's detector.**
- **The finding also implies that ozone may interfere with the detection of carbon dioxide via some types of gas chromatography.**

Sampling an experimental reactor for ozone