

Exploration of Volatile Organic Compounds through Gas Chromatography: Analytical Insights

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Abstract: *This research focuses on the analysis of volatile organic compounds (VOCs) using gas chromatography (GC) in the food, taste and fragrance, medicinal, and environmental domains. Recent advances in sample injection, separation, and detection—such as multi-dimensional and high-speed GC—are discussed. It is shown that there is growing interest in quality assessment*

Keywords: Gas chromatography (GC); Volatile organic compounds (VOCs)

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