

## 气相色谱分析中是否一定要用质谱检测器?

Robert Stevenson

International Scientific Communications, Inc.

## Do we always need Mass Spectrometry?

Robert Stevenson

International Scientific Communications, Inc.

摘要

参考文献

相关文章

[Download: PDF \(0KB\)](#) | [HTML 1KB](#) | [Export: BibTeX or EndNote \(RIS\)](#) | [Supporting Info](#)

**摘要** The detector, as well as being an essential supporting device for the gas chromatography (GC) has also played a critical role in the development of the technique as a whole. The mass spectrometer (MS) is still the commonly praised detector as before. In fact, the information of fragmentation patterns is seldom used in practice, and the GC-MS instrument is even more expensive. For today's analytical problems, it seems that element specific detectors can and should be used for many applications rather than GC-MS.

**关键词:** font-family: "Times New Roman", "serif" mso-bidi-font-size: 12.0pt mso-font-kerning: 1.0pt mso-ansi-language: EN-US mso-fareast-language: ZH-CN mso-bidi-language: AR-SA [gas chromatography \(GC\)](#)"  
[href="#">mso-fareast-font-family: 宋体">gas chromatography \(GC\)](#) mass spectrometry (MS) detector

**Abstract:** The detector, as well as being an essential supporting device for the gas chromatography (GC) has also played a critical role in the development of the technique as a whole. The mass spectrometer (MS) is still the commonly praised detector as before. In fact, the information of fragmentation patterns is seldom used in practice, and the GC-MS instrument is even more expensive. For today's analytical problems, it seems that element specific detectors can and should be used for many applications rather than GC-MS.

**Keywords:** font-family: "Times New Roman", "serif" mso-bidi-font-size: 12.0pt mso-font-kerning: 1.0pt mso-ansi-language: EN-US mso-fareast-language: ZH-CN mso-bidi-language: AR-SA [gas chromatography \(GC\)](#)"  
[href="#">mso-fareast-font-family: 宋体">gas chromatography \(GC\)](#) mass spectrometry (MS) detector

Received 2010-08-11; published 2010-09-20

Corresponding Authors: Robert Stevenson Email: RLSTEVEN@comcast.net

引用本文:

Robert Stevenson.气相色谱分析中是否一定要用质谱检测器? [J] 色谱, 2010,V28(09): 823-825

.Do we always need Mass Spectrometry?[J] Chinese Journal of Chromatography, 2010,V28(09): 823-825

链接本文:

<http://www.chrom-china.com/CN/10.3724/SP.J.1123.2010.00823> 或 <http://www.chrom-china.com/CN/Y2010/V28/I09/823>

### Service

把本文推荐给朋友 [gas chromatography \(GC\)| mass spectrometry \(MS\)| detector](#)

” 几篇好文章, 特向您推荐。请点击  
 下面的网址: " name=neirong>

- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [Email Alert](#)
- ▶ [RSS](#)

### 作者相关文章

▶ [Robert Stevenson](#)