# Pollution in your home Are you safely indoors?

***Education in Chemistry***September 2018rsc.li/2MTWpUK

# Relevant to your syllabus

**The teaching ideas that accompany the above article ‘Are you safely indoors?’ are relevant to the syllabuses and specifications listed below.**

England

* AQA A-level chemistry: [3.1.1.2 Mass number and isotopes – the principles of a time of flight mass spectromet](https://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-7404-7405-SP-2015.PDF#page=11)er
* Edexcel A-level chemistry: [Topic 1: 10 – understand how mass spectrometry can be used to determine the relative molecular mass of a molecule](https://qualifications.pearson.com/content/dam/pdf/A%20Level/Chemistry/2015/Specification%20and%20sample%20assessments/A_level_Chemistry_2015_Specification.pdf#page=19)
* OCR A-level chemistry A: [2.1.1 (d) use of mass spectrometry](https://www.ocr.org.uk/Images/171720-specification-accredited-a-level-gce-chemistry-a-h432.pdf#page=20)
* OCR A-level chemistry B (Salters): [Modern analytical techniques](https://www.ocr.org.uk/Images/171723-specification-accredited-a-level-gce-chemistry-b-salters-h433.pdf#page=43)

International

* IB diploma: Topic 2.1 The nuclear atom; the mass spectrometer
* Cambridge international A-level chemistry (2019): [22.3 Mass spectrometry](http://www.cambridgeinternational.org/Images/329530-2019-2021-syllabus.pdf#page=46)

Scotland

* SQA Higher: [Unit H937 35 Spectroscopic and analytical techniques; outcome 3](https://www.sqa.org.uk/files/hn/H93735.pdf#page=5)

Republic of Ireland

* Leaving certificate: [7.5 Chromatography and instrumentation in organic chemistry - mass spectrometry](https://curriculumonline.ie/getmedia/7bdd3def-f492-432f-886f-35fc56bd3544/SCSEC09_Chemistry_syllabus_Eng.pdf#page=64)

Northern Ireland

* CCEA A-level chemistry: [5.1 Mass spectrometry](http://www.rewardinglearning.org.uk/microsites/chemistry/revised_gce/specification/index.asp)

Wales

* WJEC A-level chemistry: [2.8 Instrumental analysis (a) use of mass spectra in identification of chemical structure](http://www.wjec.co.uk/qualifications/science/as-a-level/chemistry-as-a-level-2015/wjec-gce-chemistry-spec-from-2015.pdf?language_id=1#page=29)