



**EMSSIG\*Workshop 2012**  
**An Interactive Workshop for Improving Productivity in Environmental & Food**  
**Screening using LC-MS and GC-MS**  
**Manchester Food Research Centre. MMU ; July 4 , 2012**

The present direction of EU legislation is to move the responsibility from the regulator to define what is unsafe to the water utilities and companies discharging effluent to show they have done everything in their power to ensure it is safe. This shift in legal responsibility means a significant growth in general screening is inevitable as a narrowly defined targeted analysis program would not necessarily be sufficient to ensure protection from claims of negligence in the event of an emergency. The above issues are applicable to organizations (on either side) involved in the chemical safety of food, personal care and other products. Typically, full scan screening is very time consuming and the analysis is very labour intensive. The purpose of the workshop is to discuss ways of reducing the cost. A “round table” format is proposed. It is intended to be a workshop agenda. It is hoped the participants will share their experiences of what has and hasn't worked. Various software and instrument vendors are invited to show what can be provided on productivity improvements for screening. The vendors are also able to express an interest and listen to ideas from the users.

**Agenda**

1. Opening Speakers: (a) Anthony Gravell, Environment Agency, Re: the Water Framework Directive ; (b) Dr Qasim Chaudry, Food & Environmental Research Agency, Analytical Aspects of Nanomaterials especially in complex matrices, such as food (Chemical Safety of Food)
2. Using software to automate GC-MS and LC-MS analysis; Peter Russell/ACD/Labs. with a contribution from Gareth Roberts, ALMSCO Int. (& Spectral Works)
3. Contract Labs: experience of in-house analytical work (David Wood, SAL, MS Techniques in Environmental Analysis – a View from a Commercial Laboratory')
4. Industrial/Investigative Laboratory Customers: What is required? (Mark Sykes, FERA, 'Proficiency Testing/LEAP scheme specific to the water industry.' ; Chris Wright, BAT 'Analytical challenges in the chemical assessment of food and related consumer products' ; Eric de Wulf, Organische Analysen Water, Krijgslaan 281 S2 9000 GENT, 'Monitoring work under WFD and the instrumentation used'.
5. Instrument Vendors: What is on offer? (Tim Steele, Agilent, Gareth Roberts, ALMSCO, SAI, Conrad Seccombe, Thermofisher, Waters)
6. General Discussion: Participants are invited to submit in advance any issues to be placed on the agenda for round table discussion.

Please express your interest in the workshop by supplying your name/e-mail address, organisation, anticipated participation (items 1, 3, 4, 5, & 6) and contacting the organisers as follows:

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*\*The Environmental Mass Spectrometry Special Interest Group, EMSSIG is a SIG of the BMSS*