

Agenda for 2 day introduction to QTRAP at SCIEX

SCIEX training courses follow the proven spaced learning approach to maximize learning retention. The training process includes a blend of instructor-led training, hands-on laboratory exercises and self-paced eLearning provided at a SCIEX location.

Course goals and outcome

This course is designed to provide intermediate users with the knowledge necessary to successfully use their QTRAP system for qualitative workflows. It provides a variety of lectures and hands-on exercises, and is delivered at a SCIEX location by an experienced SCIEX instructor.

Upon completing the course, you should be comfortable explaining Linear Ion Trap (LIT) theory, acquiring data using Scheduled MRM, IDA, MS3 and MRM3 methods, and performing library searching using SCIEX OS.

This course offers a workflow certificate upon completion of a final knowledge assessment.

Course agenda

DAY 1: 9.00 – 17:00*

- **Lecture:** Welcome and overview
- **Lecture:** Linear Ion Trap (LIT) theory
- **Lab exercise:** LIT calibration
- **Lecture:** LIT scans and parameters
- **Lab exercise:** Quad and LIT scans
- **Lecture:** Scheduled MRM acquisition
- **Lab exercise:** Scheduled MRM method development

DAY 3: 9.00 – 17:00*

- Knowledge review and discussion
- **Lecture:** Information Dependent Acquisition (IDA)
- **Lab exercise:** IDA workflow
- **Lecture:** Library searching using SCIEX OS
- **Lab exercise:** Library searching

- **Lecture:** MS³ and MRM³ workflows
- **Lab exercise:** MRM³ method development
- Knowledge evaluation and survey wrap up

**Timings are approximate and may vary*

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