



Quality Division Use Only

HFSC Discipline Implementing Standard: Toxicology

OSAC Subcommittee: Forensic Toxicology

Standard/Guidelines Title: ANSI/ASB Standard 098, Standard for Mass Spectral Analysis in Forensic Toxicology, 2023. 1st Ed.

Date added to OSAC Registry: 11/7/2023

Can the Standard/Guidelines be followed in totality? No

If the Standard was partially implemented, identify all opted out provision(s):

The Toxicology section will be in partial compliance with ANSI/ASB Standard 098. The clauses below will not be followed as written. All other applicable clauses are followed in full.

Clause 4.1 requires final analyte identification to meet the requirements of ANSI/ASB Std 113, Standard for Identification Criteria in Forensic Toxicology, First Edition; however, HFSC does not fully meet the ANSI/ASB Std 113.

Clause 4.1.3 requires method performance to be continuously monitored with a rigorous quality assurance and quality control (QA/QC) program according to ANSI/ASB Std 054, Standard for Quality Control Program in Forensic Toxicology, First Edition; however, HFSC does not fully meet the ANSI/ASB Std 054.

Provide the reason(s) why the lab has opted out of the provision(s):

Are there insufficient resources related to (select all that apply):

Personnel Equipment Funding Training

Other: _____

Is the Provision not applicable due to (select all that apply):

Test/methods/equipment/technique not used Not within current scope of service/accreditation

Other: The section needs the above resources to perform method development and validation in order to meet the standard.

Does the Provision conflict with state law or regulation?

Yes No

Does the Provision conflict with specific guidance from TFSC?

Yes No

Does the Lab disagree with the provision?

Yes No



Does the discipline have a plan to achieve conformance to the opted-out provision(s)? If yes, include timeframe.

For clause 4.1, to meet the requirements of ANSI/ASB Std 113, the Toxicology section intends to validate an LC-QTOF screening method with the goal of replacing the immunoassay and GC-MS screening methods currently in use. The Toxicology section has purchased the instrumentation and expects completion of the full implementation of this standard to occur in more than 6 months. Time is the current resource hinderance as the section needs time to perform the instrument and method validations in addition to training of personnel while conducting other concurrent section projects.

For clause 4.1.3, to meet the requirements of ANSI/ASB Std 054, the Toxicology section intends to purchase and utilize certified reference material in the appropriate solvent for DFE if one becomes commercially available. Alternatively, once the Toxicology section acquires a headspace GC-MS system and moves the DFE method, the existing certified reference material can be used.

Declaration of Compliance to OSAC Registry Standard/Guidelines:

As of December 22, 2025, the Toxicology Section is compliant with all other applicable requirements listed in the ANSI/ASB Standard 098, Standard for Mass Spectral Analysis in Forensic Toxicology.

Technical Leader: Dani Mata
Dani Mata (Dec 26, 2025 11:04:21 CST)

Date: 12/26/2025

Section Manager: Dayong Lee

Date: 12/27/2025

Division Director: Amy Castillo
Amy Castillo (Jan 5, 2026 07:16:46 CST)

Date: 01/05/2026

Quality Director or Manager: Amy Castillo

Date: 01/05/2026