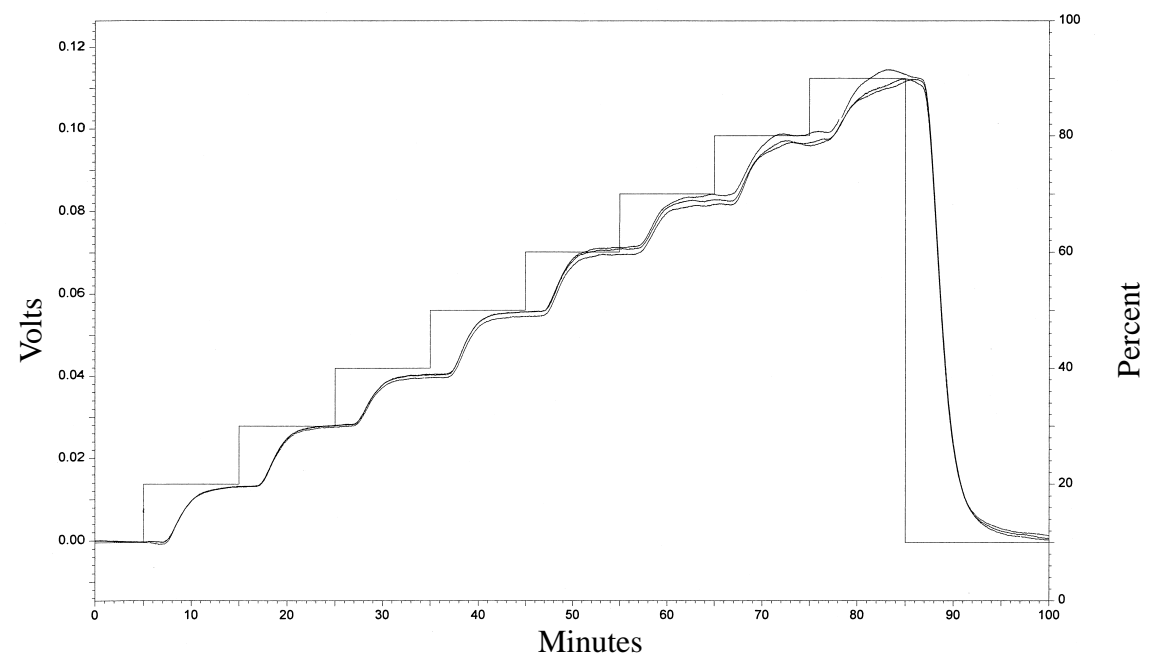


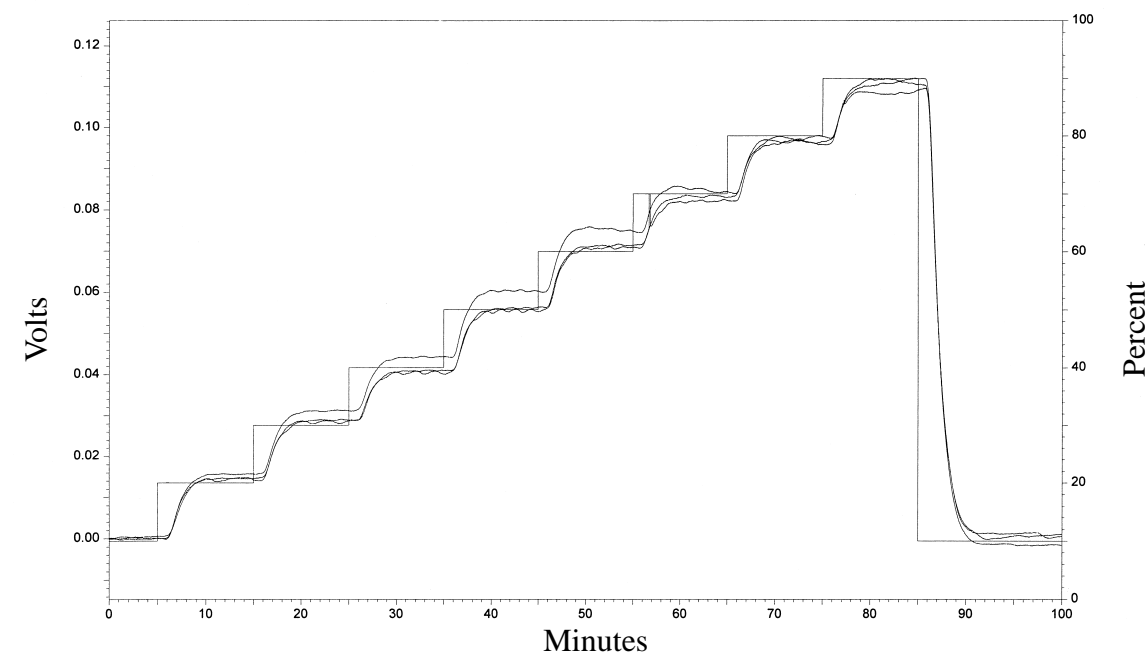
ASI Micro HPLC Mixer

Effect of Mixer Volume on Gradient Accuracy

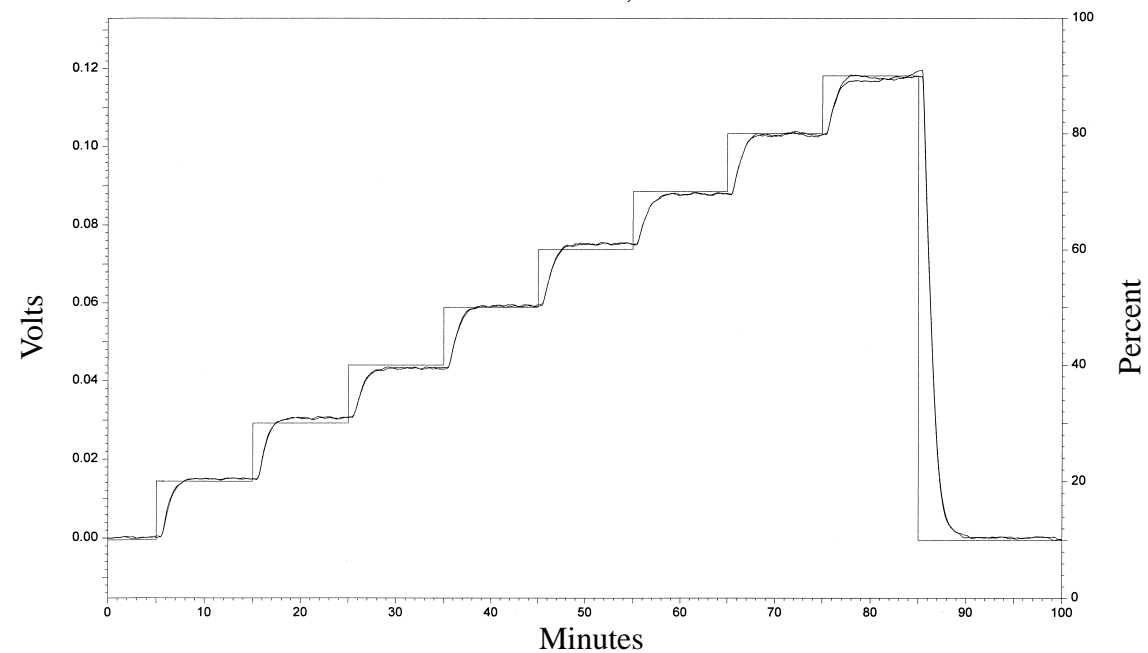
ASI 50 uL mixer, 25ul/min



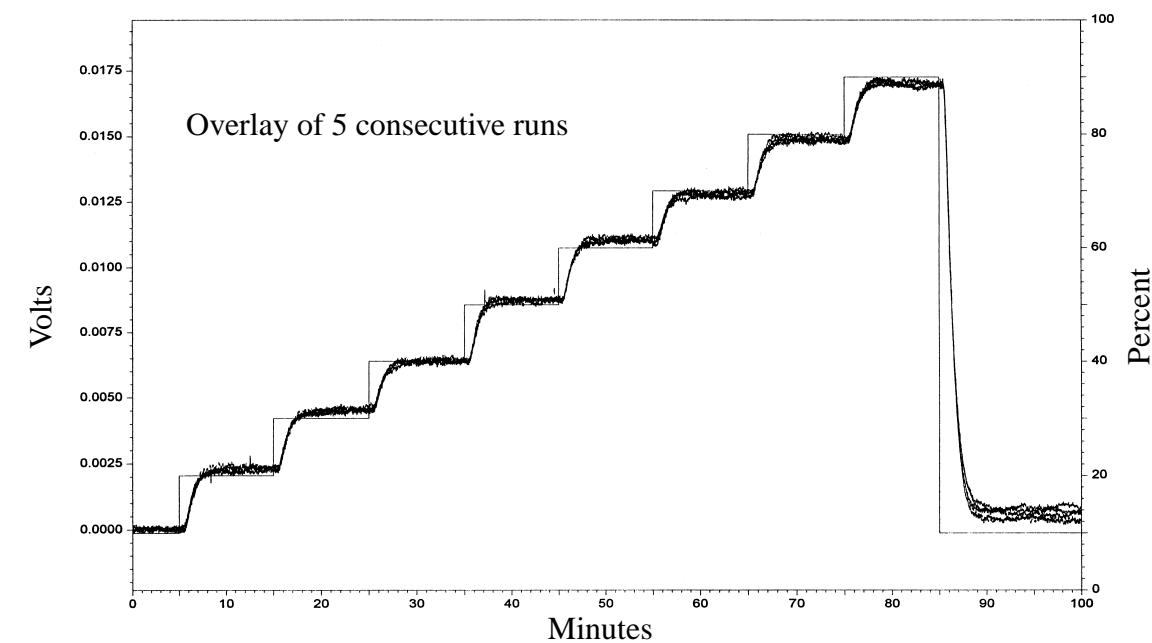
ASI 25 uL mixer, 25ul/min



ASI 10 uL mixer, 25ul/min



ASI 10ul mixer, 25ul/min

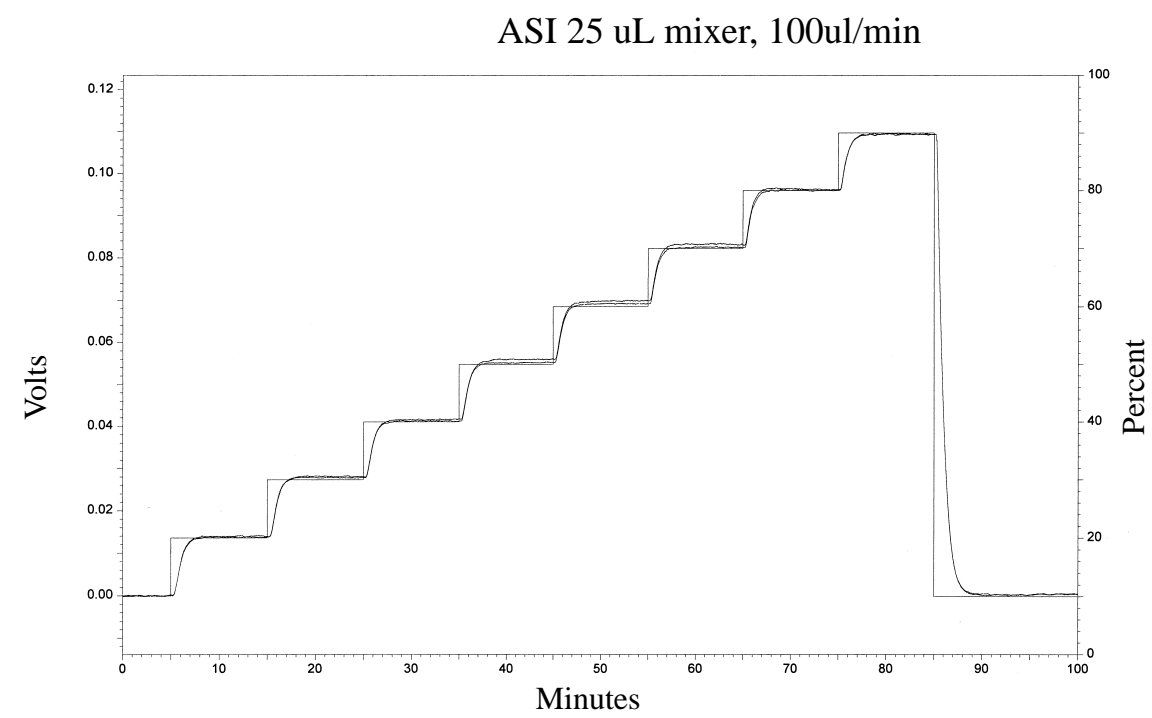
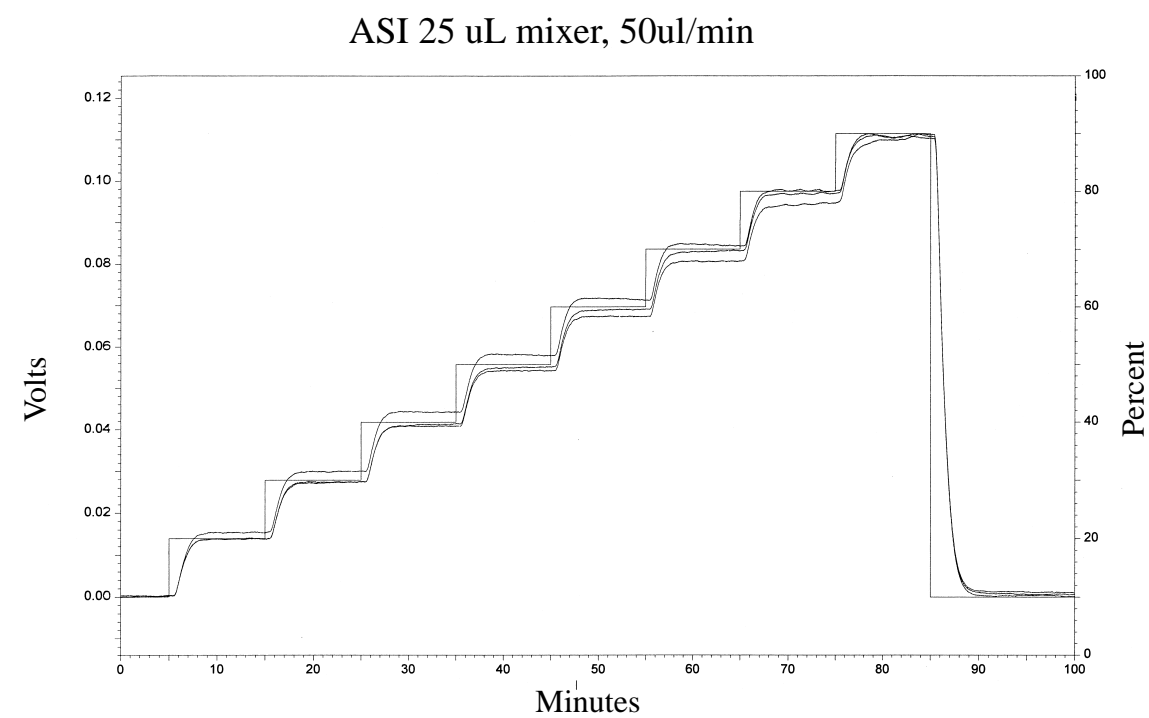
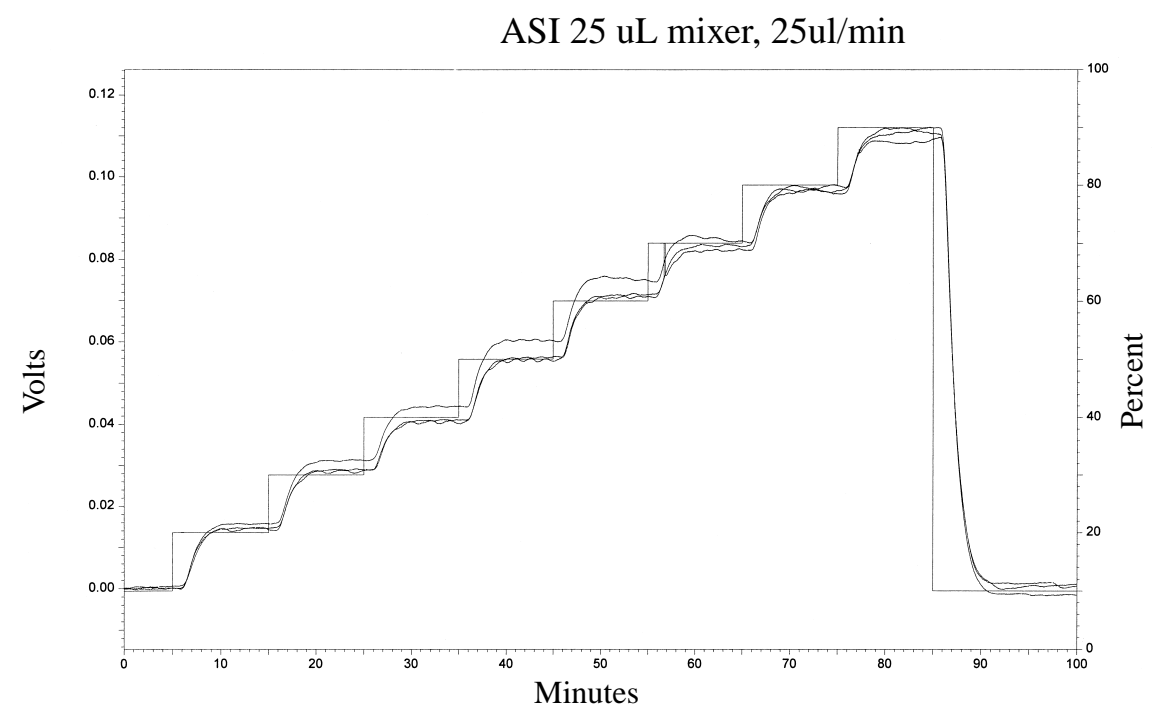
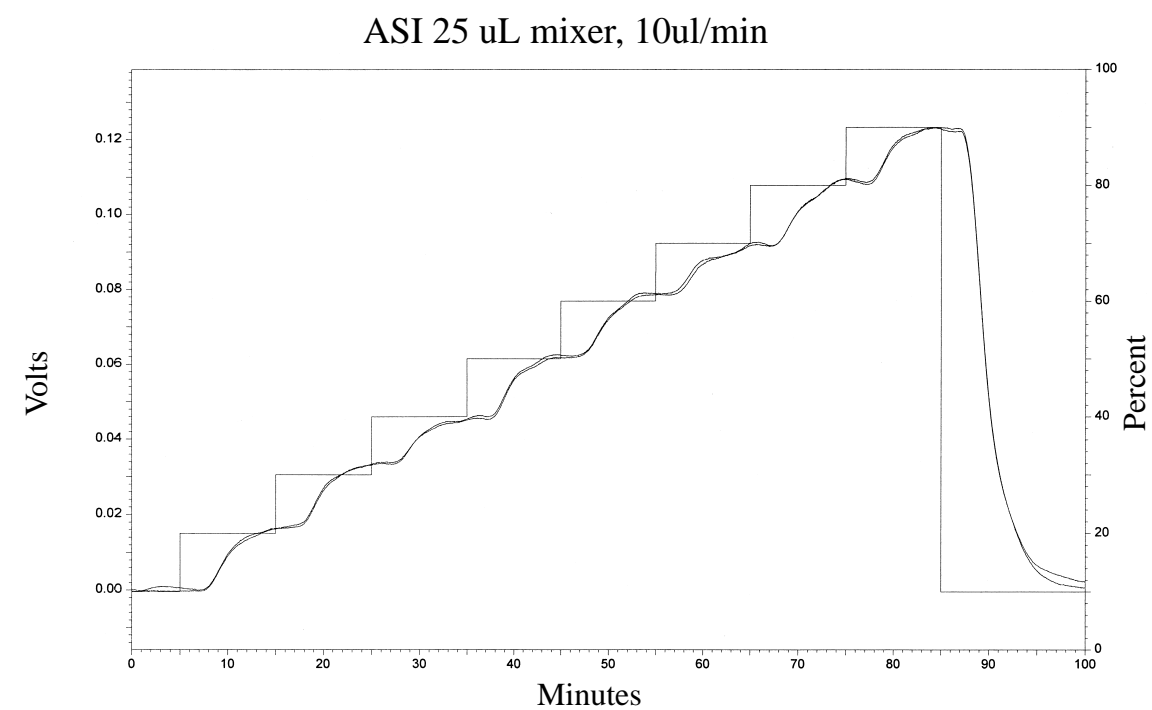


HPLC System configuration:
Shimadzu LC-10ADVP pumps with micro-flow modification
Shimadzu SPD-10AVP UV-VIS detector
Shimadzu Class-VP v5.03 software

HPLC conditions:
Gradient: 10-90% B in 10 min steps
A = H₂O
B = 0.3% Acetone in H₂O

ASI Micro HPLC Mixer

Effect of Flow Rate on Gradient Accuracy



HPLC System configuration:
Shimadzu LC-10ADVP pumps with micro-flow modification
Shimadzu SPD-10AVP UV-VIS detector
Shimadzu Class-VP v5.03 software

HPLC conditions:
Gradient: 10-90% B in 10 min steps
A = H₂O
B = 0.3% Acetone in H₂O