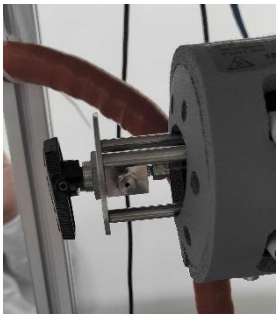
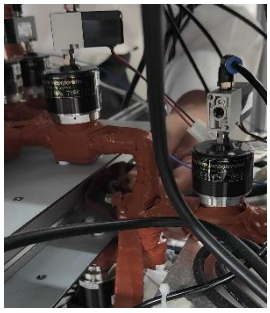
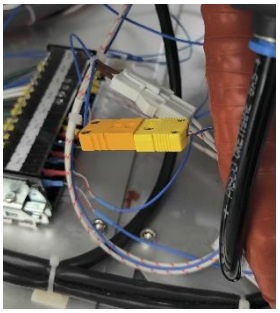
CPM Capillary Change:

1. Close the QMS valve. (Shutting down TMP is not required).
2. Remove the capillary connection at QMS 3-way valve and V6 as shown in the figures below. Refer to the auto sampler schematics for clarification. Loosen the nut and pull the capillary out. Check the graphite ferrules if needed inside the Swagelok assembly.





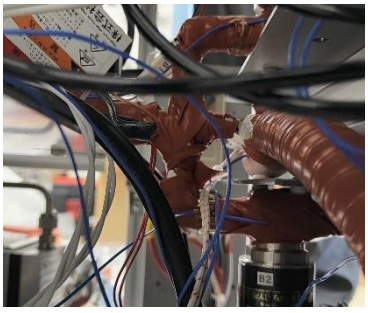
3. Remove the heating connections of the capillary from the main unit (yellow and white plugs). Access is from the back of the autosampler.



4. Remove the CPM capillary assembly from the auto sampler. Holding it straight, pull out the capillary slowly.

5. Straighten the new capillary and close it with cap (yellow color, kept above HTP-2 in a bubble wrap) to prevent dust from entering and insert it into the CPM capillary assembly slowly. Remove the cap once completely inserted.

6. Connect both the ends to the V6 valve and the QMS 3-way valve. Capillary may need to be bent to fix as shown below and should be done carefully. Tighten the Swagelok assembly.



7. Reconnect the heater of the capillary (both yellow and white connections).

8. Start the heating and verify the working of the heater assembly.

9. Verify the leak by carrying out the sampling and checking for the 28 amu signal.