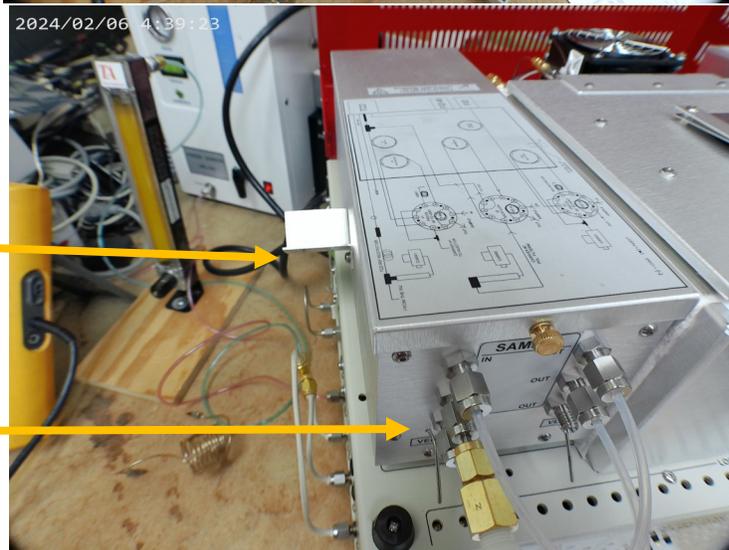


Heated Transfer Line connection

An SRI GC which has been configured to accept a heated transfer line looks like this.



The V-shaped bracket mounted on the left side of the heated valve oven box looks like this.



Front Panel Sample "IN" fitting

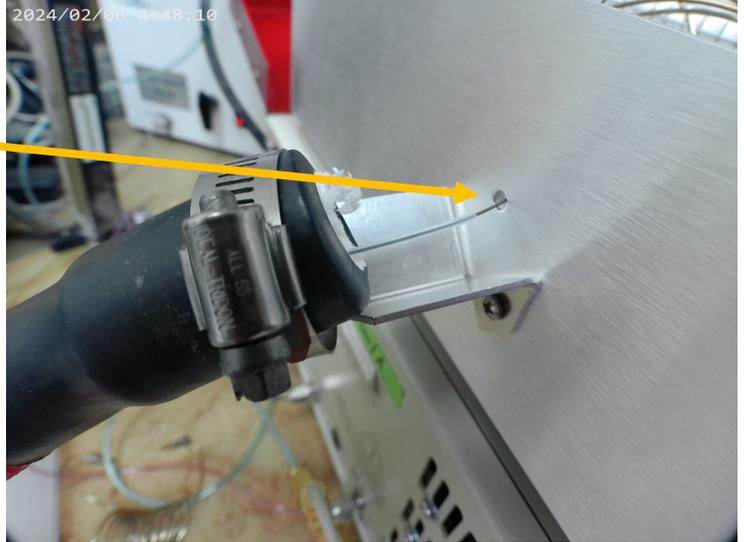
The end of the heated transfer line fits into the V-bracket and is secured with the metal hose clamp.



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Heated Transfer Line connection

Feed the inner capillary tube into the valve oven interior through the hole just above the V-bracket.



Secure the transfer line with the hose clamp.



The heated transfer line is about 1 meter long and looks like this when connected to a multi-stream gas sampling valve for example.



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Heated Transfer Line connection

Inside the valve oven there will be a 1/16" "Valco" union fitting.

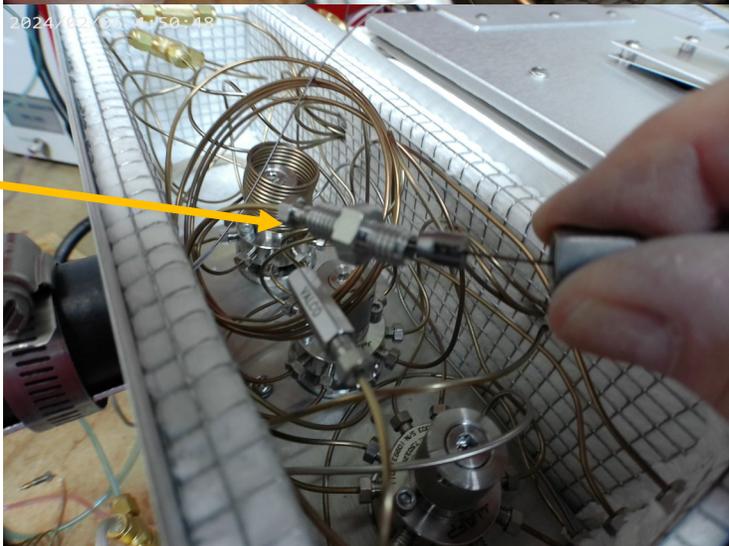
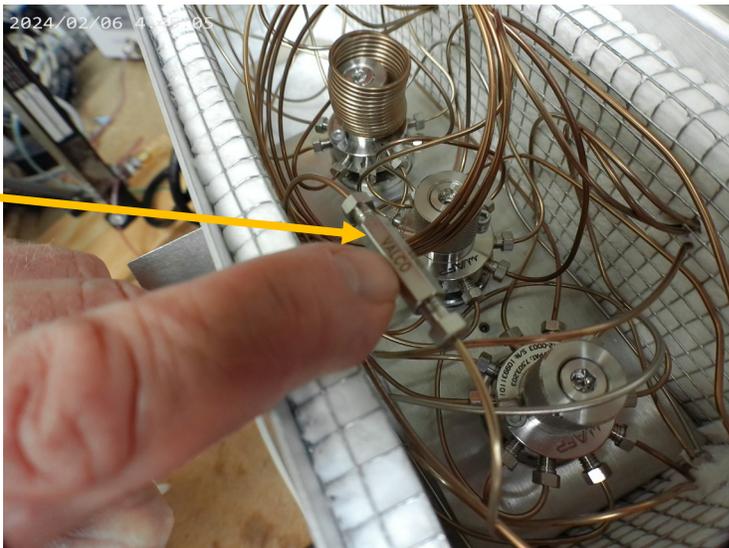
This fitting connects the "sample in" fitting on the front of the valve oven to the sample loop or loops.

The transfer line's capillary tube connects to the loop(s) instead using a 1/8" Swagelok to 1/16" Valco adapter union.

Its easier to make a good connection to the capillary tube using a 1/8" to .8mm soft graphite ferrule shown here just before assembly. Once assembled the soft graphite ferrule will be stuck in the 1/18' Swagelok nut.

This arrangement makes it easy to either connect the transfer line or front panel fitting to the loops.

The adapter fitting is shipped already connected to the transfer line capillary. You will have to remove the fitting to poke the capillary through the oven wall, then re-attach the adapter to the capillary once its inside the valve oven.



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