Run 1 (did not add any more K2SO4 and will be doing elemental analyusis)			
Static Data			
Size of cold stage:	51 mm		
Height of cold stage:	8 mm		
vacuum pressure (set)	50 Pa		
Z/TILT (distance of detector from stage)	5um		
vacuum current	12kv		
probe current	85		
Additional Comments			
Additional Comments			
Kinetic Data			
Time	Action/observation	Temperature (actual)	Crystal Size
12:45	presssurizing the chamber		
12:48	taking elemntal analysis of "clean copper" 20200720Copper		
12:57	taking elemental analysis #2 labeled v2 (20200720Copperv2)		
1:06	set temp to -34		
1:09	crystals observed		
1:12 (about)	took image		
1:17	took image		
1:17	accidentaly set to 30		
1:18	set to -34 to re-grow		
took image of re-growth			
	set temp to -31		
took photos and 1 (not supper usefull) elemntal analysis (20200720Copperv2(2)) of the edge			
Runing elemental analyusis of specs on sides (20200720Spec)			
took pictures of ablating crystal untill was all gone and then elemental analysis (20200720Spec(2))			
potasium sulfate hydrate			
eutectic mixture of potasium sulfate?			
waht is the lowest temperature the eutectic can have?			
phase diagrahm for kso4 and water			
2:47	ended run		
Run 2 (K2SO4)			
Static Data			
Size of cold stage:	51 mm		
Height of cold stage:	8 mm		
vacuum pressure (set)	50 Pa		
Z/TILT (distance of detector from stage)	5um		
vacuum current	12kv		
probe current	85		
Additional Comments	waited for pressure to hit 60 before temp on		
Additional Comments	**keep in mind that the electron beam was on this crystal and that affects the surface roughness**		
Kinetic Data			
Time	Action/observation	Temperature (actual)	Crystal Size
3:51	started pressurizing	26.3	none
3:54	took elelmental analysis while waitign for pressure to hit 60 (20200720R2K2SO4Pure01)		
3:58	set temp to 10 while waiting for puressure to hit 60	9.7	
4:00	set temp to 1 while wating for elemetal analysis		
4:01	set temp to -34		
4:06	crystals observed		
4:06	image taken		
4:11	took 3D image of crystal with good morphology (case 1.0)		
4:12	set temp to -31 to get ablation		
4:14	took 3D image (case 1.1)	-31.8	
1:17	took 3D image (case 1.2)	-31.8	
4:18	took 3D image (case 1.3)	-31.8	
4:20	took 3D image (case1.4)	-31.8	
4:22	took 3D image (case1.5)	-31.8	
4:24	took 3D image (case 1.6)	-31.8	
4:26	took 3D image (case 1.7)	-31.8	
4:28	took 3D image (case 1.8)	-31.8	
4:31	took 3D image (case 1.9)	-31.8	
4:33	took 3D image (case 1.10)	-31.8	
4:35	set temp to -33 and started 3D image (case 1.11)	-33.7	
3:37	took 3D image (case 1.12)	-33.7	
4:39	set temp to -30 and took 3D image (case 1.13)	-30.9	
4:41	took 3D image (case 1.14)	-30.8	
4:43	took 3D image (case 1.15)	-30.8	
4:45	took 3D image (case 1.16)	-30.8	
4:47	took elemental analysis scan (20200720R2K2SO4WhiteSpec1)	-30.8	
~ 5:53:00 AM	took elemental analysis scan (20200720R2K2SO4WhiteSpec2)	-30.8	
5:05	took elemental analysis scan (20200720R2K2SO4WhiteSpec3)	-30.8	
5:08	took elemental analysis scan (20200720R2K2SO4WhiteSpec4)		