Run 1			
Static Data			
Size of cold stage:	51 mm		
Height of cold stage:	8 mm		
vacuum pressure (set)	20 Pa		
Z/TILT (distance of detector from stage)	5um		
vacuum current	12kv		
probe current	85		
Additional Comments	waited for pressure to hit 60Pa to turn on temp		
Additional Comments			
Kinetic Data			
Time	Action/observation	Temperature (actual)	Crystal Size
3:12	set pressure	27	none
3:18	set temp to -50 (pressure is 60 Pa)	27	
3:21	pressure is still 50 Pa	-34	
3:22	crystals observed (40 Pa) and temp is very slow to increase	-36.3	
3:24	sparse crystals (the rate of change for the temperature seems very slow)	-38.2	
3:26	vacume pressure is at 25	-39.1	
	took images		
3:34	took spectral imaging (20200730Im01) it is still at 25 Pa	-39.4	
	took pictures	-39.1	
3:44	took 3D image (case 1.0)	-39.1	
3:50	took point and shoot of interesting small spec (20200730Im02)	-38.8	
	taking more images		
3:54	took spectral imaging (20200730Im03) it is still at 25 Pa **I forgot to save**	-38.6	
4:04	took spectral image (20200730Im03)	-38.3	
4:10	took image 21	-38.2	
4:13	took spectral image (20200730Im04)	-38.1	
	taking more images		
4:22	ended experiment		
Run 1			
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 80Pa to turn on temp		
Additional Comments			
Kinetic Data			
Time	Action/observation	Temperature (actual)	Crystal Size
5:18	set temp to -34	~-25C	none
5:22	crystals observed (pressure is at 50 Pa)	-34.8	
5:26	set temp to -33 to slow growth	-33.8	
5:28	taking 3D image (case1.0) but e- seems to be ablating it	-33.7	
5:43	ended experminet	-33.7	