

21 03 13 Acetone, DCM and CS2 sensing

11:43 Experiment start Tc = 28.6 oC

11:44 Tc = 28.6 oC

11:45 Tc = 28.7 oC

11:48 Tc = 28.6 oC

11:49 Tc = 28.6 oC

11:50 Tc = 28.6 oC

11:53 Tc = 28.7 oC

11:54 Acetone vapour introduced Tace = 28.7 oC

11:55 Tace = 28.7 oC

11:56 Tace = 28.6 oC

11:57 Tace = 28.7 oC

11:58 Still 1.5 L/min from RBF Tace = 28.7 oC

11:59 Still 1.5 L/min from RBF Tace = 28.7 oC

12:00 N2 purge Tc = 28.7 oC

12:01 Tc = 28.7 oC

12:02 Tc = 28.7 oC

12:04 Introduction of acetone vapour Tace = 28.7 oC

12:05 Tace = 28.7 oC

12:06 Tace = 28.7 oC

12:07 Tace = 28.7 oC

12:08 Tace = 28.7 oC

12:09 Still 1.5 L/min N2 from RBF Tace = 28.7 oC

12:10 Still 1.5 L/min N2 from RBF Tace = 28.7 oC

12:11 Still 1.5 L/min N2 from RBF Tace = 28.8 oC

12:12 N2 purge Tc = 28.8 oC

12:13 Tc = 28.7 oC

12:14 Tc = 28.9 oC

12:15 Tc = 28.8 oC

12:16 Tc = 28.8 oC

12:17 Tc = 28.7 oC

12:18 Tc = 28.8 oC

12:19 Tc = 28.8 oC

12:20 Acetone vapour introduced Tace = 28.8 oC

12:21 Tace = 28.9 oC

12:22 Tace = 28.8 oC

12:23 Tace = 28.8 oC

12:24 Tace = 28.9 oC

12:25 Still 1.5 L/min from RBF Tace = 28.9 oC

12:26 Still 1.5 L/min from RBF Tace = 28.8 oC

12:27 Still 1.5 L/min from RBF Tace = 29.0 oC

12:28 N2 purge Tc = 28.9 oC

12:29 Tc = 29.0 oC

12:30 Tc = 29.0 oC

12:31 Tc = 29.0 oC

13:20 Tc = 28.6 oC

13:22 Tc = 28.5 oC

13:24 Introduction of DCM vapour Tdcm = 28.4 oC

13:25 Tdcm = 28.5 oC

13:26 Tdcm = 28.2 oC

13:27 Tdcm = 28.5 oC

13:28 Tdcm = 28.4 oC

13:29 Tdcm = 28.5 oC

13:30 Still 1.5 L/min from RBF Tdcm = 28.5 oC

13:31 Still 1.5 L/min from RBF Tdcm = 28.5 oC

13:32 N2 purge Tc = 28.5 oC

13:33 Tc = 28.5 oC

13:34 Tc = 28.5 oC

13:37 Tc = 28.5 oC

13:38 Tc = 28.4 oC

13:39 DCM vapour introduced Tdcm = 28.4 oC

13:40 Tdcm = 28.5 oC

13:41 Tdcm = 28.3 oC

13:42 Tdcm = 28.3 oC

13:43 Tdcm = 28.2 oC

13:44 Tdcm = 28.2 oC

13:45 Still 1.5 L/min from RBF Tdcm = 28.2 oC

13:46 Still 1.5 L/min from RBF Tdcm = 28.2 oC

13:47 N2 purge Tc = 28.1 oC

13:48 Tc = 28.2 oC

13:50 Tc = 28.1 oC

13:59 Tc = 28.1 oC

14:00 Tc = 28.0 oC

14:01 Tc = 28.1 oC

14:02 Tc = 28.1 oC

14:04 Tc = 28.1 oC

14:04 DCm vapour introduced Tdcm = 28.2 oC

14:05 Tdcm = 28.1 oC

14:06 Tdcm = 28.0 oC

14:07 Tdcm = 28.1 oC

14:08 Tdcm = 28.1 oC

14:09 Tdcm = 28.1 oC

14:10 Still 1.5 L/min from RBF Tdcm = 28.1 oC

14:11 Still 1.5 L/min from RBF Tdcm = 28.1 oC

14:12 N2 purge Tc = 28.0 oC

14:37 Tc = 28.3 oC

14:40 Tc = 28.4 oC

14:49 Carbon disulfide vapour introduced Tcs2 = 28.5 oC

14:50 Tcs2 = 28.5 oC

14:51 Tcs2 = 28.4 oC

14:52 Tcs2 = 28.3 oC

14:53 Tcs2 = 28.2 oC

14:54 Still 1.5 L/min N2 from RBF Tdcm = 28.2 oC

14:55 Still 1.5 L/min N2 from RBF Tdcm = 28.3 oC

14:57 Still 1.5 L/min N2 from RBF Tdcm = 28.2 oC

14:58 Still 1.5 L/min N2 from RBF Tdcm = 28.2 oC

14:59 Still 1.5 L/min N2 from RBF Tdcm = 28.1 oC

15:00 N2 purge Tc = 28.2 oC

15:01 Tc = 28.2 oC

15:55 Tc = 27.5 oC

15:57 Tc = 27.5 oC

16:00 CS2 vapour introduced Tcs2 = 27.6 oC

16:01 Tcs2 = 27.6 oC

16:02 Tcs2 = 27.5 oC

16:03 Tcs2 = 27.6 oC

16:04 Tcs2 = 27.7 oC

16:05 Still 1.5 L/min N2 from RBF Tcs2 = 27.7 oC

16:06 Still 1.5 L/min N2 from RBF Tcs2 = 27.7 oC

16:07 Still 1.5 L/min N2 from RBF Tcs2 = 27.8 oC

16:09 Still 1.5 L/min N2 from RBF Tcs2 = 27.7 oC

16:10 N2 purge Tc = 27.8 oC

16:11 Tc = 27.8 oC

16:12 Tc = 27.8 oC

16:27 Tc = 28.0 oC

16:28 Tc = 28.0 oC

16:29 CS₂ vapour introduced Tcs₂ = 28.1 oC

16:30 Tcs₂ = 28.1 oC

16:31 Tcs₂ = 28.1 oC

16:32 Tcs₂ = 28.1 oC

16:34 Tcs₂ = 28.1 oC

16:35 Tcs₂ = 28.2 oC

16:36 Tcs₂ = 28.1 oC

16:37 Tcs₂ = 28.2 oC

16:38 Tcs₂ = 28.2 oC

16:39 Still 1.5 L/min N₂ from RBF Tcs₂ = 28.2 oC

16:40 Still 1.5 L/min N₂ from RBF Tcs₂ = 28.2 oC

16:41 Still 1.5 L/min N₂ from RBF Tcs₂ = 28.2 oC

16:42 Still 1.5 L/min N₂ from RBF Tcs₂ = 28.2 oC

16:43 Still 1.5 L/min N₂ from RBF Tcs₂ = 28.2 oC

16:44 Still 1.5 L/min N₂ from RBF Tcs₂ = 28.2 oC

16:45 Still 1.5 L/min N₂ from RBF Tcs₂ = 28.2 oC

16:46 N₂ purge Tc = 28.3 oC

16:47 Tc = 28.2 oC

16:48 Tc = 28.2 oC

16:49 Tc = 28.3 oC

16:50 Tc = 28.2 oC

16:51 Tc = 28.3 oC

16:58 Tc = 28.4 oC

16:59 Tc = 28.4 oC

17:00 Tc = 28.4 oC Experiment End