

C.1 Partial Pressure of Methanol in Permeate

Table C.1 Data for partial pressure of methanol, sample volume 1.50 ml

Partial Pressure (kPa)	Peak Area (V.s)			
	1	2	3	Average
0.05	0.28	0.31	0.33	0.31
0.11	0.68	0.79	0.70	0.72
0.16	1.17	1.06	0.99	1.07
0.22	1.62	1.43	1.57	1.54
0.27	2.06	2.08	2.00	2.05
0.32	2.78	2.72	2.68	2.73
0.38	2.90	2.97	2.89	2.92
0.43	3.23	3.44	3.11	3.26
0.48	3.49	3.30	3.41	3.40
0.54	3.87	3.36	3.64	3.62
0.59	4.20	4.00	3.96	4.05
0.65	4.59	4.77	4.61	4.66
0.70	5.73	5.67	5.38	5.59
0.75	5.97	5.83	5.78	5.86
0.81	6.58	6.67	6.38	6.54
0.86	6.89	6.77	7.06	6.91

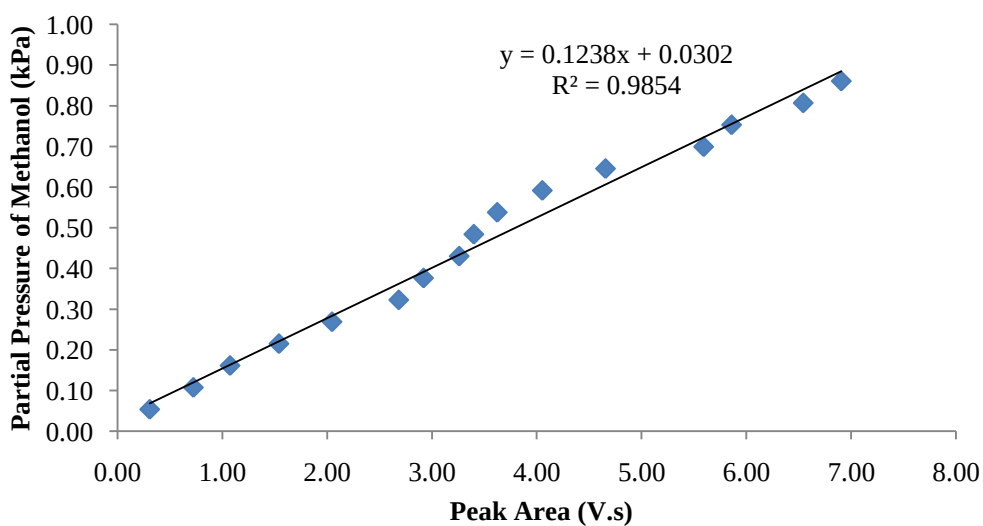


Figure C.1 Partial pressure of methanol for sample volume 1.50 ml

C.2 Partial Pressure of Methanol in Permeate

Table C.2 Data for partial pressure of methanol, sample volume 3.00 ml

Partial Pressure (kPa)	Peak Area (V.s)			
	1	2	3	Average
0.03	0.30	0.36	0.30	0.32
0.05	0.71	0.70	0.76	0.72
0.08	1.17	1.06	1.14	1.12
0.11	1.46	1.43	1.53	1.47
0.13	2.06	2.08	2.00	2.05
0.16	2.75	2.72	2.69	2.72

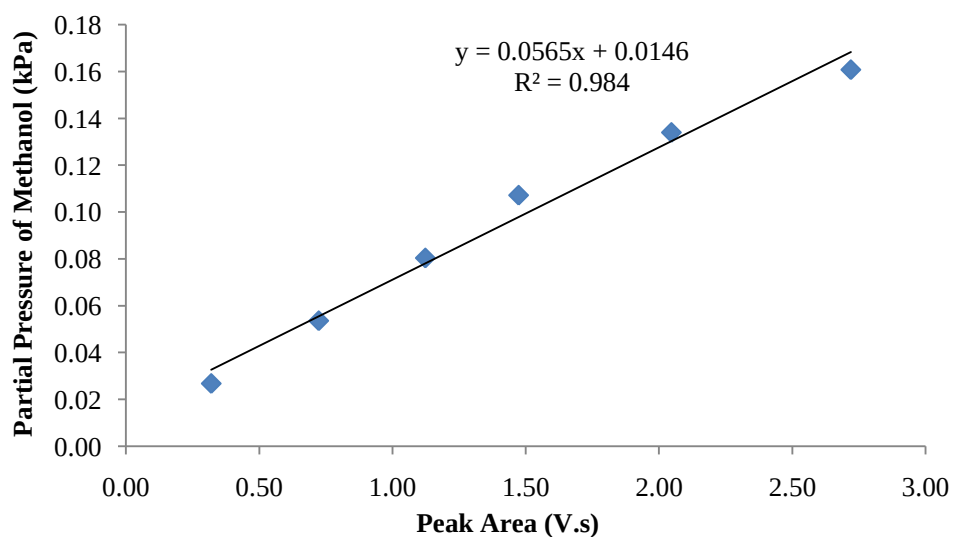


Figure C.2 Partial pressure of methanol for sample volume 3.00 ml

C.3 Partial Pressure of Ethanol in Permeate

Table C.3 Data for partial pressure of ethanol, sample volume 3.00 ml

Partial Pressure (kPa)	Peak Area (V.s)			
	1	2	3	Average
0.002	0.04	0.04	0.03	0.04
0.004	0.10	0.11	0.11	0.11
0.006	0.15	0.18	0.17	0.17
0.007	0.19	0.18	0.21	0.19
0.009	0.25	0.27	0.26	0.26
0.011	0.37	0.34	0.32	0.34
0.013	0.43	0.46	0.41	0.43
0.017	0.56	0.57	0.53	0.55
0.021	0.62	0.61	0.64	0.62
0.022	0.77	0.74	0.72	0.74
0.030	0.89	0.90	0.93	0.91
0.037	1.08	1.13	0.99	1.07

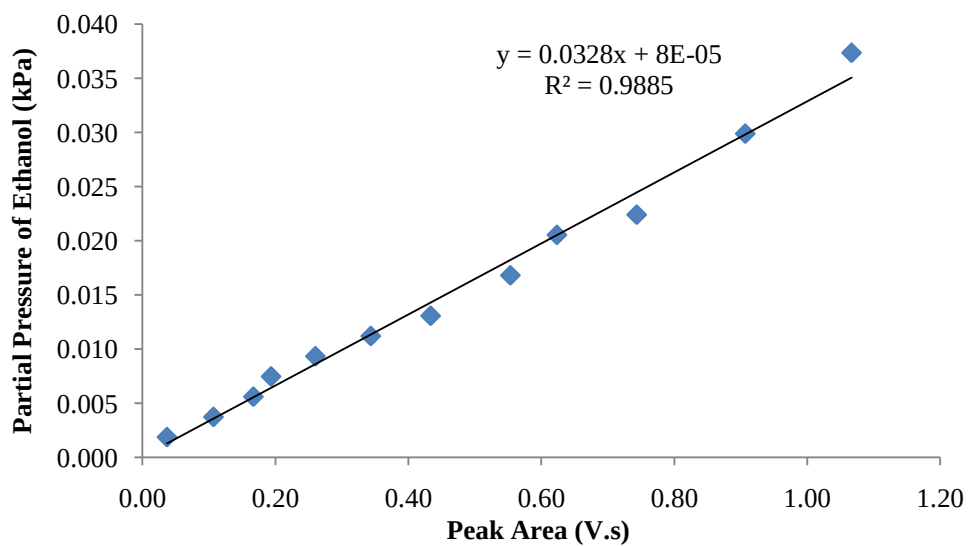


Figure C.3 Partial pressure of ethanol

C.4 Partial Pressure of Isopropanol in Permeate

Table C.4 Data for partial pressure of isopropanol, sample volume 3.00 ml

Partial Pressure (kPa)	Peak Area (V.s)			
	1	2	3	Average
0.001	0.04	0.06	0.05	0.05
0.003	0.08	0.09	0.09	0.09
0.004	0.17	0.17	0.17	0.17
0.006	0.27	0.26	0.25	0.26
0.007	0.30	0.32	0.27	0.30
0.009	0.40	0.41	0.39	0.40

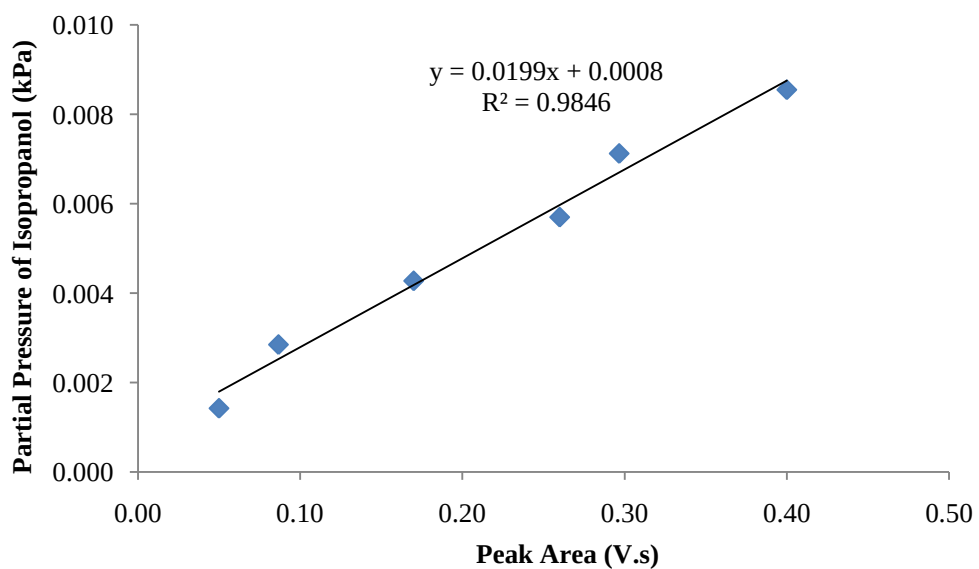


Figure C.4 Partial pressure of isopropanol

C.5 Partial Pressure of Acetone in Permeate

Table C.5 Data for partial pressure of acetone, sample volume 3.00 ml

Partial Pressure (kPa)	Peak Area (V.s)			
	1	2	3	Average
0.007	0.26	0.25	0.22	0.24
0.015	0.41	0.52	0.48	0.47
0.022	0.65	0.61	0.59	0.62
0.029	0.83	0.82	0.93	0.86
0.037	1.18	1.14	1.16	1.16
0.044	1.73	1.57	1.62	1.64
0.052	1.90	1.87	1.85	1.87
0.059	1.98	2.22	2.04	2.08
0.066	2.60	2.54	2.48	2.54
0.074	2.98	2.92	2.94	2.95
0.081	3.12	3.24	3.08	3.15
0.088	3.62	3.58	3.55	3.58

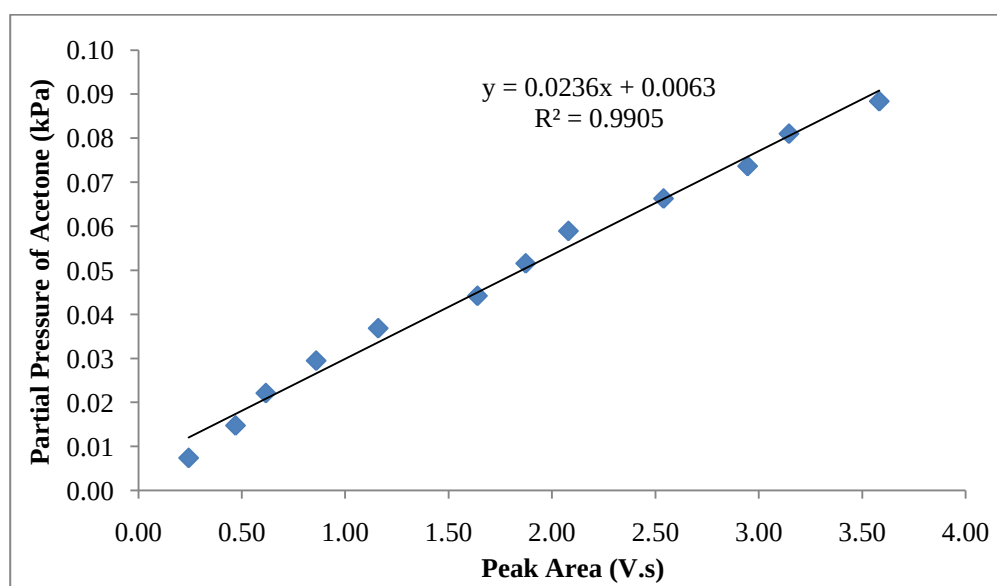


Figure C.5 Partial pressure of acetone in permeate

C.6 Permeate Pressure of Acetone/Ethanol mixture

Table C.6.1 Data for permeate pressure of acetone

Permeate Pressure (kPa)	Peak Area (V.s)			
	1	2	3	Average
0.007	0.19	0.21	0.21	0.20
0.015	0.38	0.40	0.47	0.42
0.022	0.66	0.71	0.64	0.67
0.029	0.81	0.85	0.87	0.84
0.037	1.14	1.12	0.98	1.08
0.044	1.24	1.32	1.16	1.24

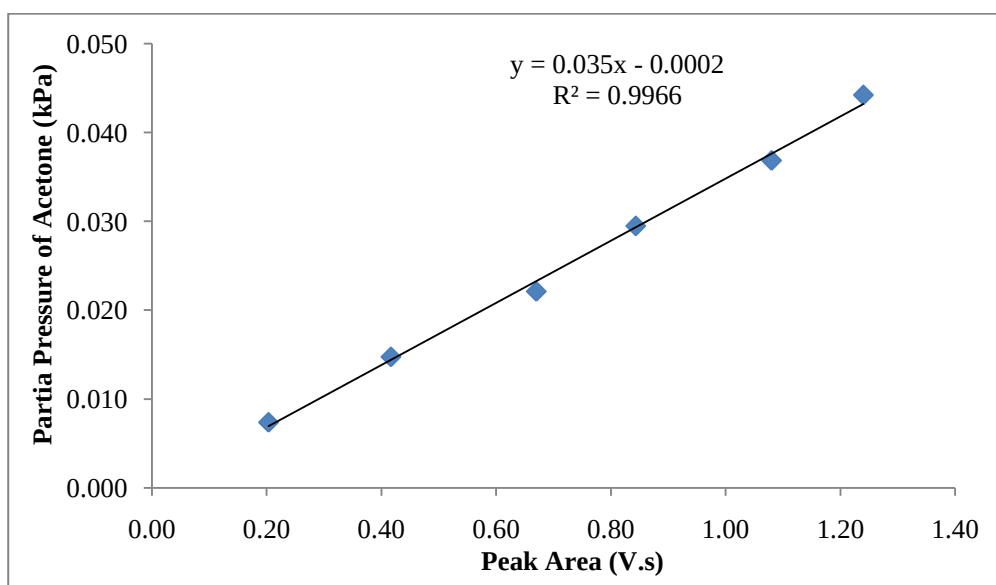
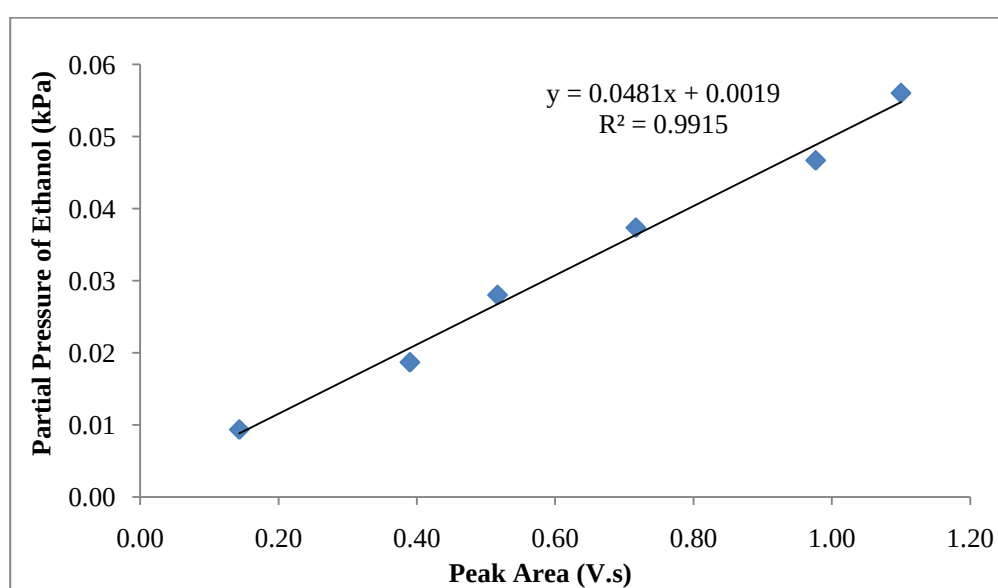


Figure C.5.1 Partial pressure of acetone

Table C.6.2 Data for permeate pressure of ethanol

Permeate Pressure (kPa)	Peak Area (V.s)			
	1	2	3	Average
0.01	0.15	0.14	0.14	0.14
0.02	0.42	0.37	0.38	0.39
0.03	0.49	0.55	0.51	0.52
0.04	0.72	0.64	0.79	0.72
0.05	0.91	1.03	0.99	0.98
0.06	1.18	1.14	0.98	1.10

**Figure C.6.2** Partial pressure of ethanol