

D.1 Partial Pressure of Methanol in Feed

Table D.1 Data for partial pressure of methanol in feed

Partial Pressure (kPa)	Peak Area (V.s)				
	1	2	3	4	5
11.31	0.14	0.15	0.18	-	0.15
22.62	0.32	0.31	0.33	0.33	0.33
33.93	0.50	0.53	0.52	-	-
56.56	0.78	0.82	0.79	0.80	0.76
67.87	0.96	0.95	-	-	0.98
68.34 (P^{sat})	0.93	-	0.99	1.01	0.98

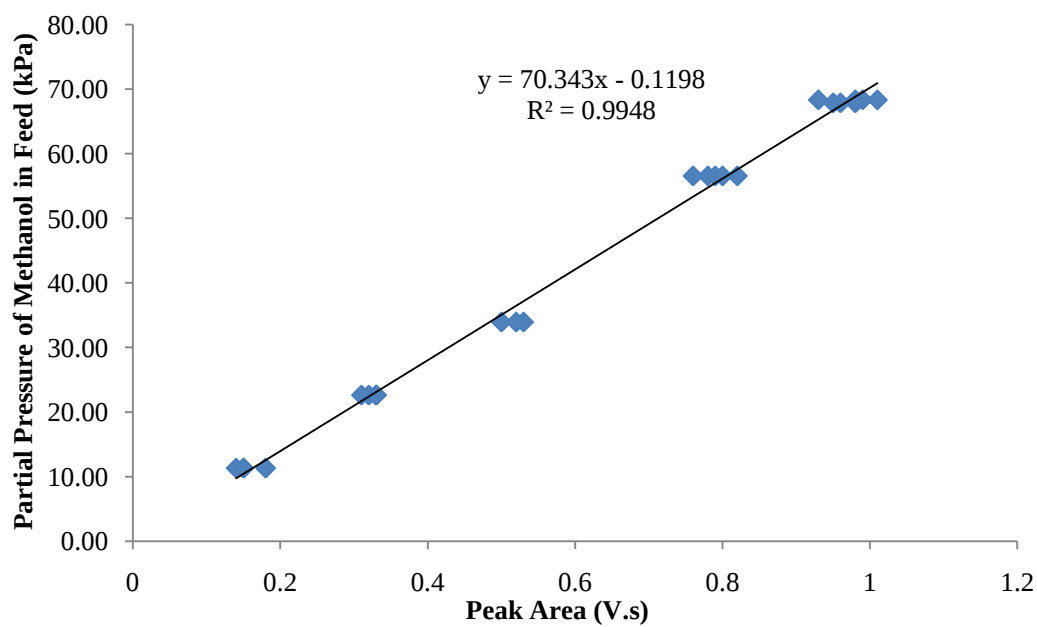


Figure D.1 Partial pressure of methanol in feed

D.2 Partial Pressure of Ethanol in Feed

Table D.2 Data for partial pressure of ethanol in feed

Partial Pressure (kPa)	Peak Area (V.s)		
	1	2	3
7.86	0.25	0.26	0.24
15.71	0.46	-	0.48
23.57	0.63	0.70	0.66
31.43	-	0.89	-
35.36	0.92	0.98	0.95
37.42 (P^{sat})	1.04	1.02	1.03

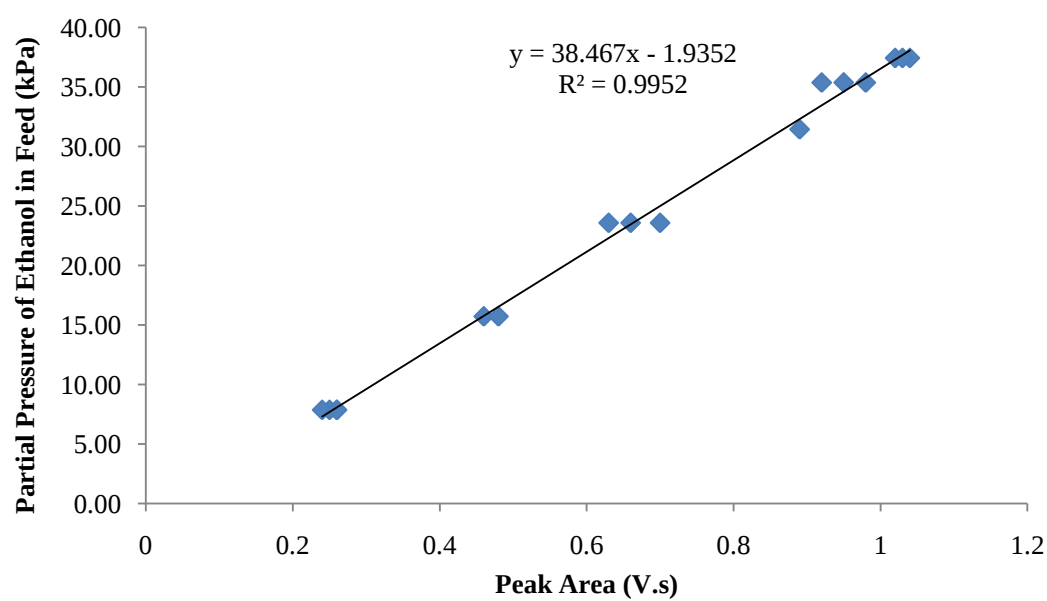


Figure D.2 Partial pressure of ethanol in feed

D.3 Partial Pressure of Isopropanol in Feed

Table D.3 Data for partial pressure of isopropanol in feed

Partial Pressure (kPa)	Peak Area (V.s)			
	1	2	3	4
7.86	0.25	0.26	0.24	0.26
15.71	-	-	0.46	0.48
23.57	0.63	-	0.70	0.66
31.43	-	0.89	-	-
35.36	0.92	0.98	0.95	-
37.42 (P^{sat})	1.04	-	1.02	1.03

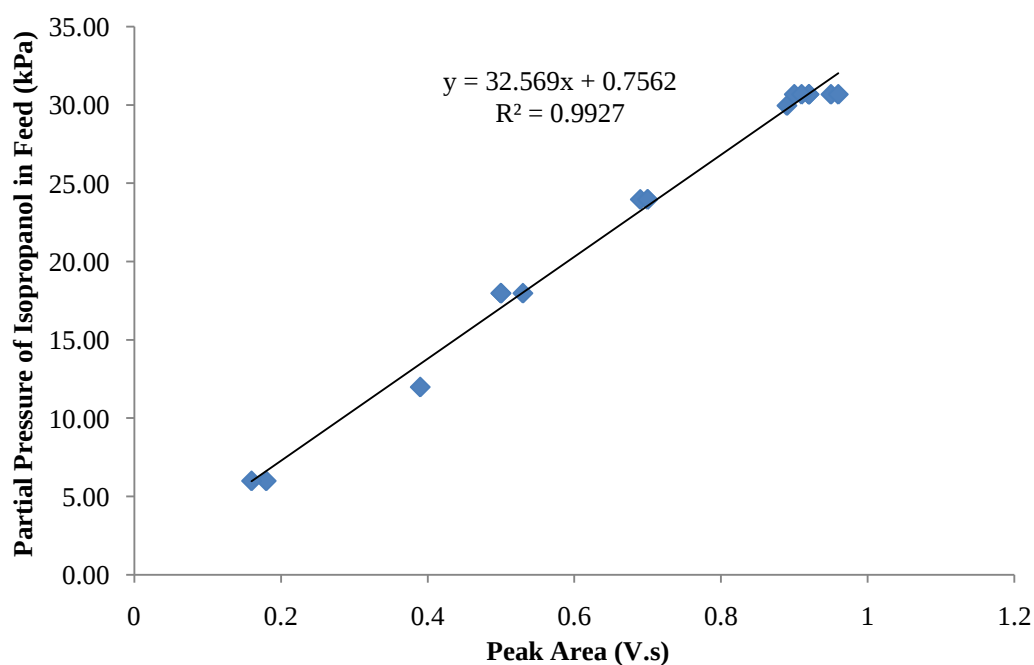


Figure D.3 Partial pressure of isopropanol in feed

D.4 Partial Pressure of Acetone in Feed

Table D.4 Data for partial pressure of acetone in feed

Partial Pressure (kPa)	Peak Area (V.s)			
	1	2	3	4
30.99	1.39	1.38	1.45	1.43
46.49	1.96	2.03	2.04	-
61.98	2.51	2.53	2.47	2.75
77.48	3.05	-	3.23	-
92.97	3.57	3.56	3.58	3.69
96.07	3.70	3.82	-	3.91
97.25 (P^{sat})	3.88	3.88	3.94	3.80

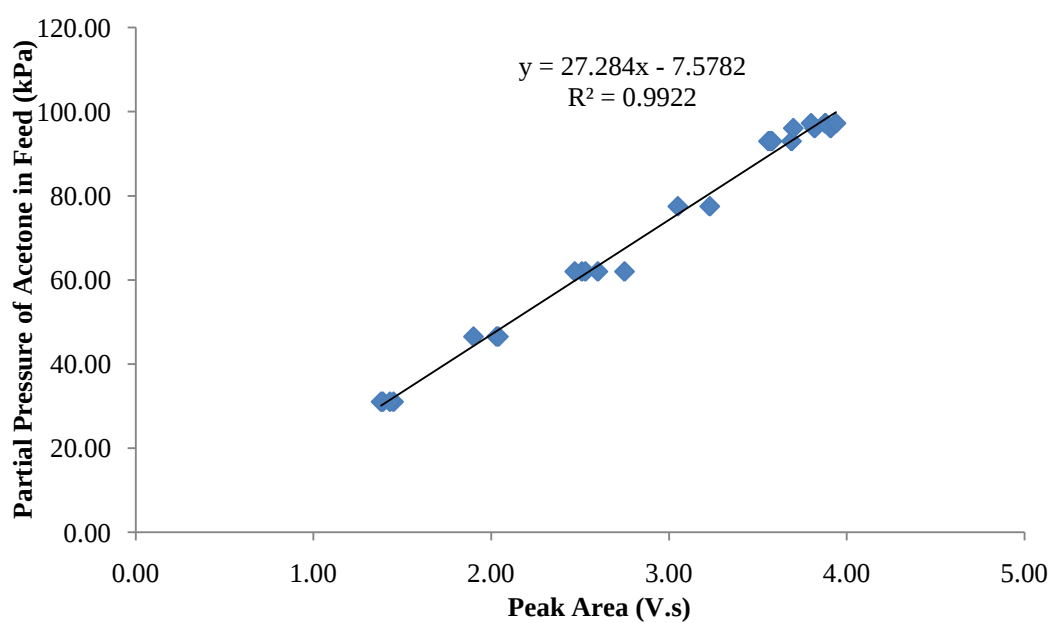


Figure D.4 Partial pressure of acetone in feed

D.5 Partial Pressure of Acetone/Ethanol mixture in Feed

Table D.5.1 Data for partial pressure of acetone in feed

Partial Pressure (kPa)	Peak Area (V.s)		
	1	2	3
30.99	1.81	1.76	1.83
46.49	2.64	2.56	2.39
61.98	3.09	3.01	2.97
77.48	3.49	3.47	3.43
92.97	-	3.92	-
97.25 (P^{sat})	3.96	3.94	4.11

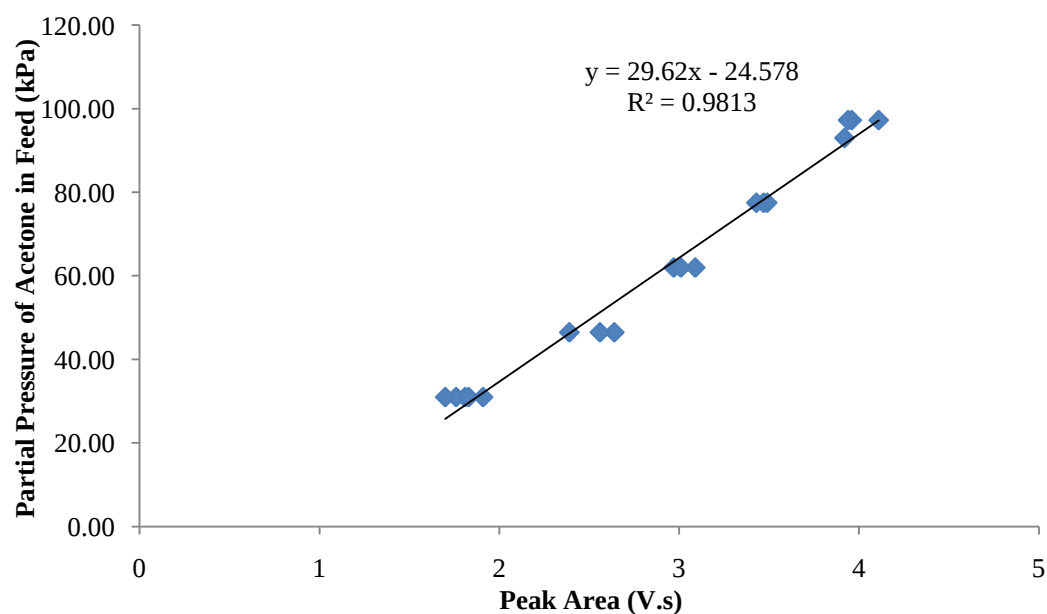
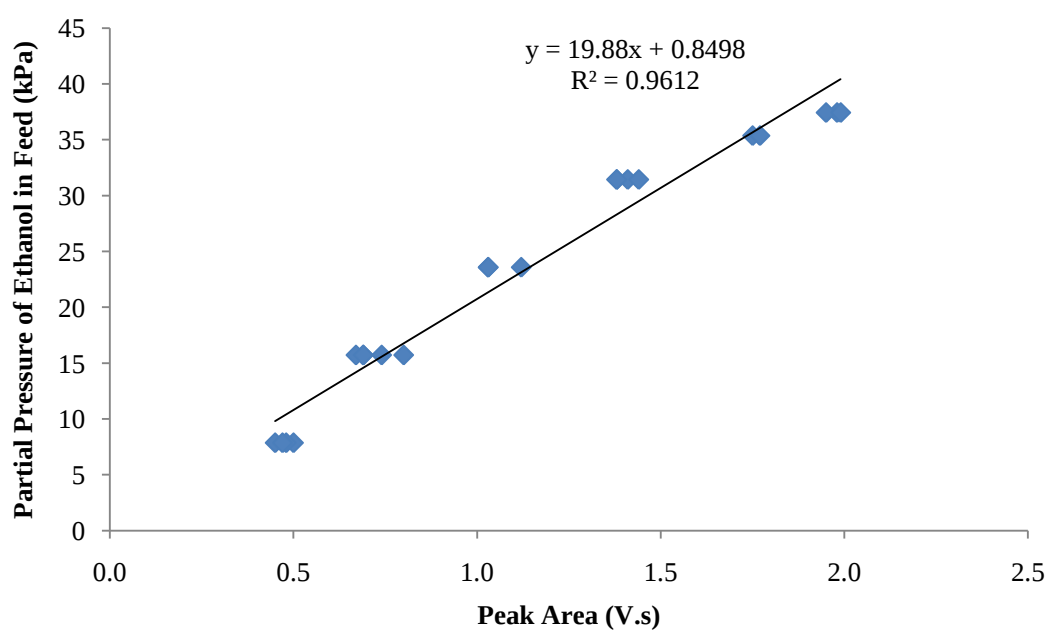


Figure D.5.1 Partial pressure of acetone in feed

Table D.5.2 Data for partial pressure of ethanol in feed

Partial Pressure (kPa)	Peak Area (V.s)				
	1	2	3	4	5
7.86	-	0.50	0.48	0.45	0.47
15.71	0.69	0.80	0.67	0.69	0.74
23.57	1.12	-	1.03	1.03	-
31.43	-	1.38	1.41	1.38	1.44
35.36	1.75	-	1.77	-	-
37.42 (P^{sat})	-	-	1.98	1.95	1.99

**Figure D.5.2** Partial pressure of ethanol in feed