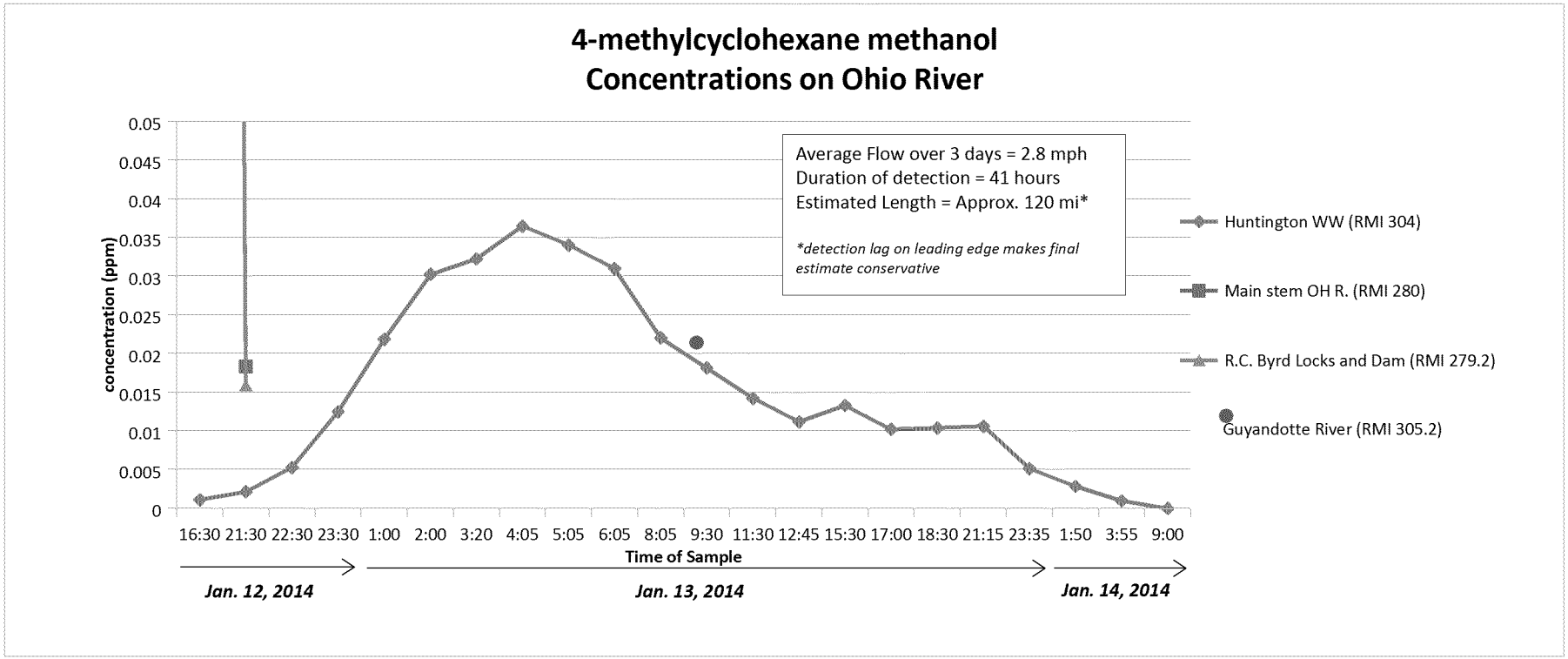
RMI	Date	Time	Conc. (ppb)							area under the curve	
304	1/12/2014	16:30	0.00112	1	1.00		0.00	1.00	1.12	8.175	0.000
304	1/12/2014	21:30	0.00215	5:00	5.00		5.00	6.00	2.15	3.715	0.000
304	1/12/2014	22:30	0.00528	1:00	1.00		1.00	7.00	5.28	8.895	0.000
304	1/12/2014	23:30	0.01251	1:00	1.00		1.00	8.00	12.51	31.515	0.000
304	1/13/2014	1:00	0.02187	1:50	1.00	0.83333	1.83	9.83	21.87	26.075	0.000
304	1/13/2014	2:00	0.03028	1:00	1.00		1.00	10.83	30.28	41.693	0.000
304	1/13/2014	3:20	0.03226	1:20	1.00	0.33333	1.33	12.17	32.26	25.781	0.000
304	1/13/2014	4:05	0.03649	0:45		0.75	0.75	12.92	36.49	35.270	0.000
304	1/13/2014	5:05	0.03405	1:00	1.00		1.00	13.92	34.05	32.525	0.000
304	1/13/2014	6:05	0.031	1:00	1.00		1.00	14.92	31	53.040	0.000
304	1/13/2014	8:05	0.02204	2:00	2.00		2.00	16.92	22.04	28.482	0.000
304	1/13/2014	9:30	0.01817	1:25	1.00	0.41667	1.42	18.33	18.17	32.400	0.000
304	1/13/2014	11:30	0.01423	2:00	2.00		2.00	20.33	14.23	15.888	0.000
304	1/13/2014	12:45	0.01119	1:15	1.00	0.25	1.25	21.58	11.19	33.674	0.000
304	1/13/2014	15:30	0.0133	2:45	2.00	0.75	2.75	24.33	13.3	17.663	0.000
304	1/13/2014	17:00	0.01025	1:30	1.00	0.5	1.50	25.83	10.25	15.495	0.000
304	1/13/2014	18:30	0.01041	1:30	1.00	0.5	1.50	27.33	10.41	28.916	0.000
304	1/13/2014	21:15	0.01062	2:45	2.00	0.75	2.75	30.08	10.62	18.398	0.000
304	1/13/2014	23:35	0.00515	2:20	2.00	0.33333	2.33	32.42	5.15	5.006	0.000
304	1/14/2014	1:50	0.00286	1:15	1.00	0.25	1.25	33.67	2.86	4.010	0.000
304	1/14/2014	3:55	0.00099	2:05	2.00	0.08333	2.08	35.75	0.99	2.516	0.000
304	1/14/2014	9:00	0	5:05	5.00	0.08333	5.08	40.83	0	0.000	0.000
280	1/12/2014	21:52	0.0183								0.000
279.2	1/12/2014	21:36	0.01591							469.133	0.000
305.2	1/13/2014	9:15	0.02104								0.000


4-methylcyclohexane methanol
Concentrations on Ohio River
Average Flow over 3 days = 2.8 mph
Duration of detection = 41 hours
Estimated Length = Approx. 120 mi*
*detection lag on leading edge makes final estimate conservative
concentration (ppm)
0.05
0.045
0.04
0.035
0.03
0.025
0.02
0.015
0.01
0.005
0
16:30 21:30 22:30 23:30 1:00 2:00 3:20 4:05 5:05 6:05 8:05 9:30 11:30 12:45 15:30 17:00 18:30 21:15 23:35 1:50 3:55 9:00
Time of Sample
Jan. 12, 2014
Jan. 13, 2014
Jan. 14, 2014
Huntington WW (RMI 304)
Main stem OH R. (RMI 280)
R.C. Byrd Locks and Dam (RMI 279.2)
Guyandotte River (RMI 305.2)