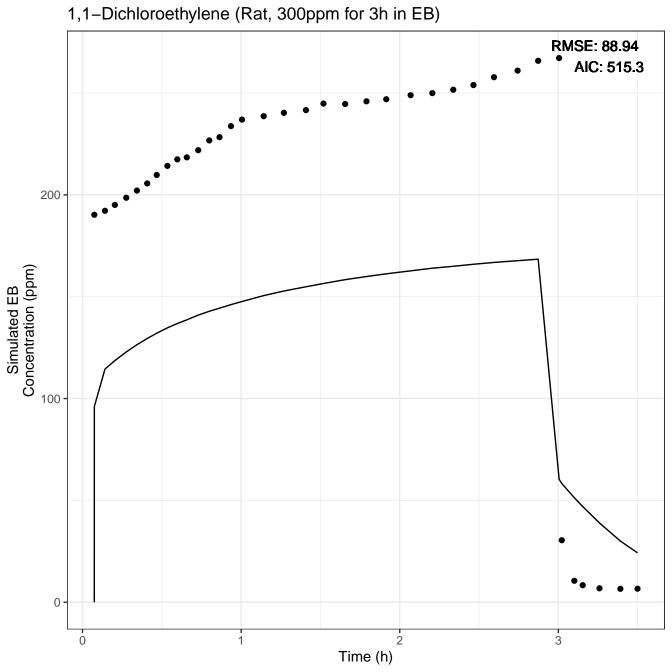
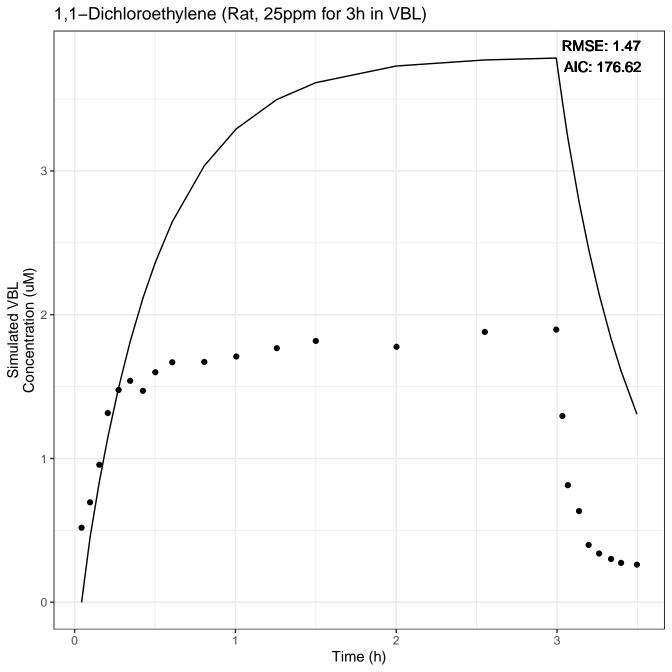
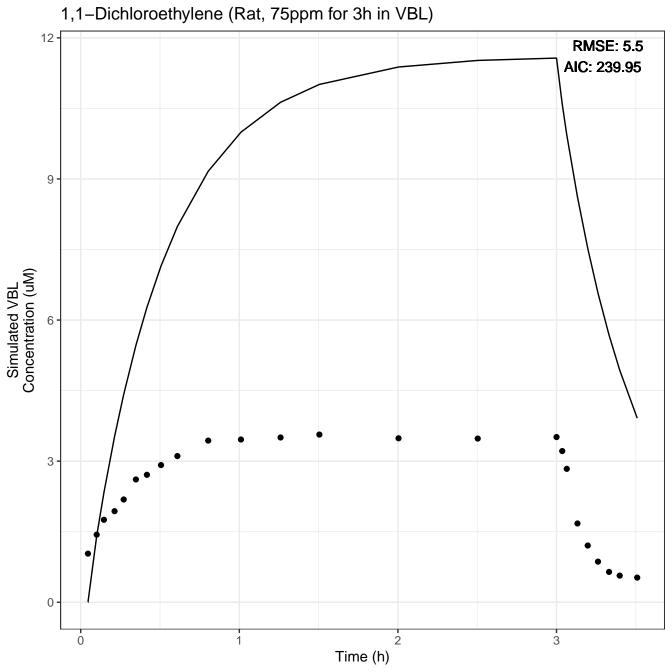
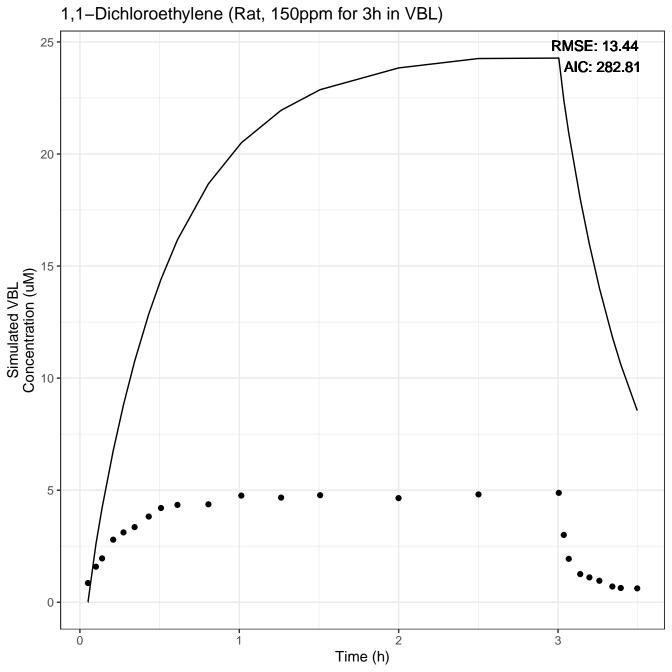


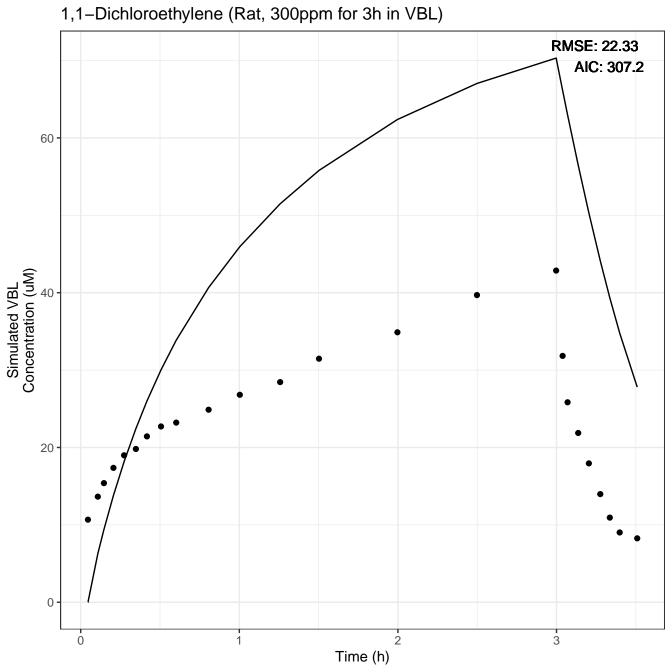
1,1-Dichloroethylene (Rat, 150ppm for 3h in EB) 125 -RMSE: 41.28 AIC: 439.48 100 -75 -Simulated EB Concentration (ppm) 50 -25 0 -3 2 Time (h)

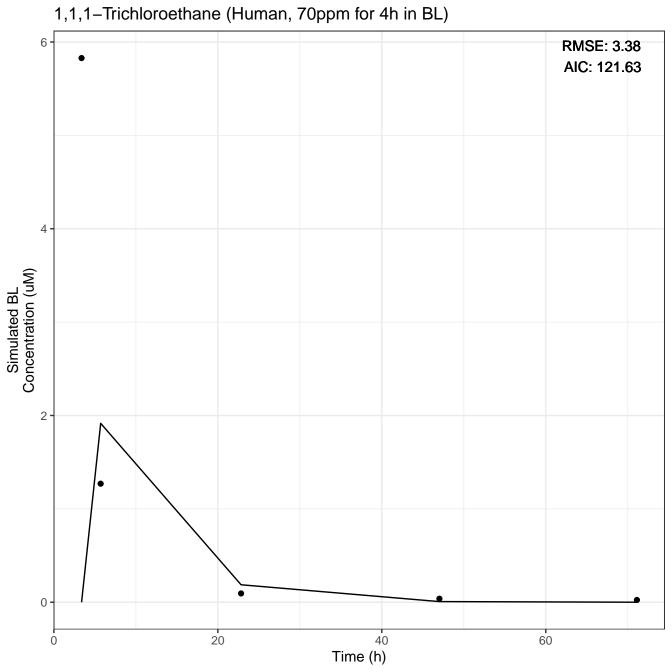




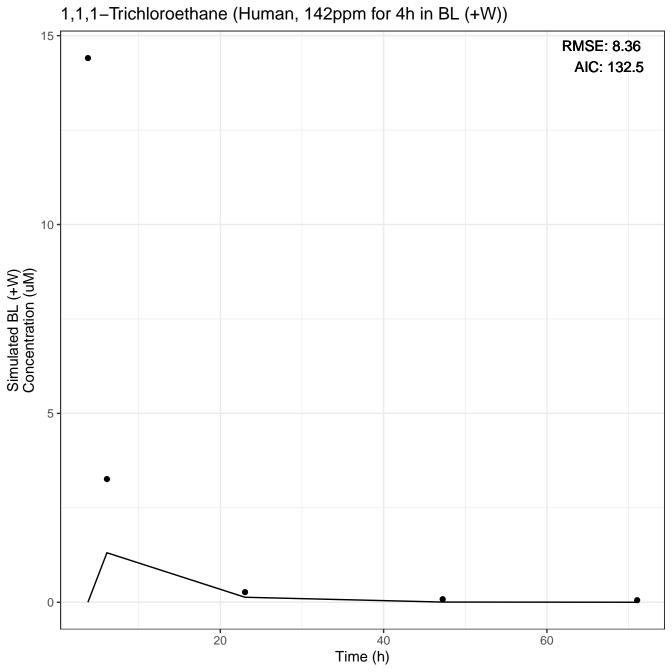


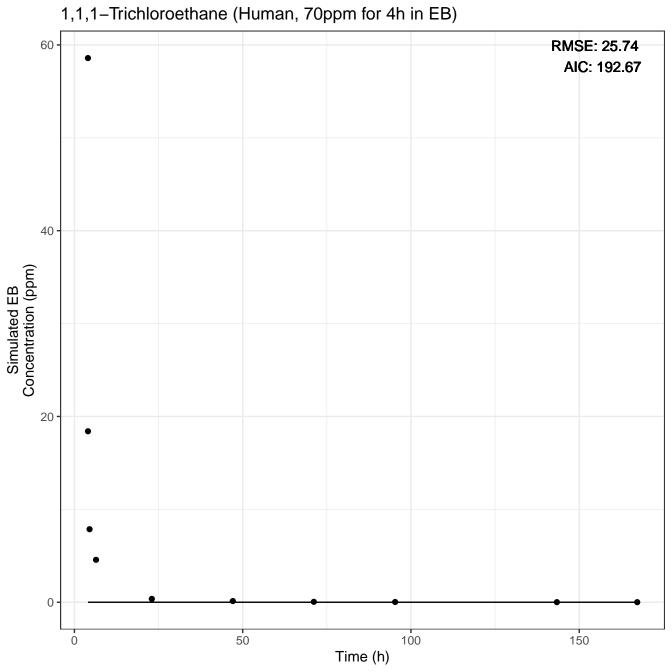




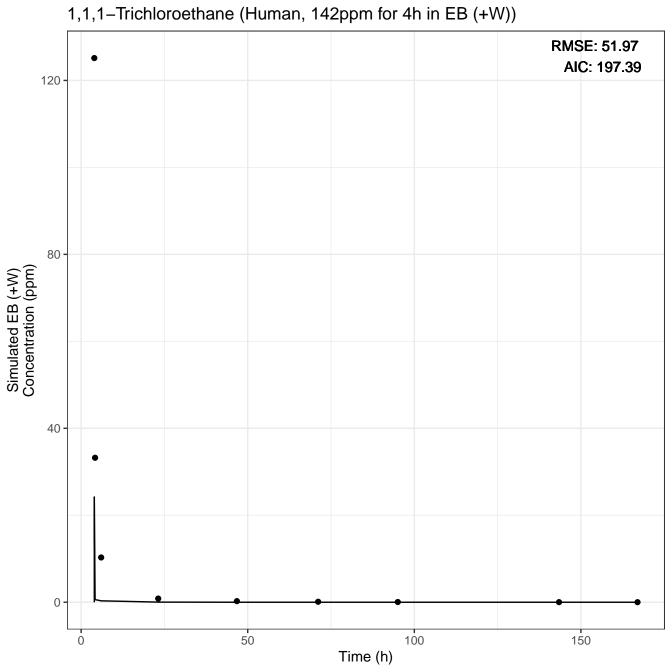


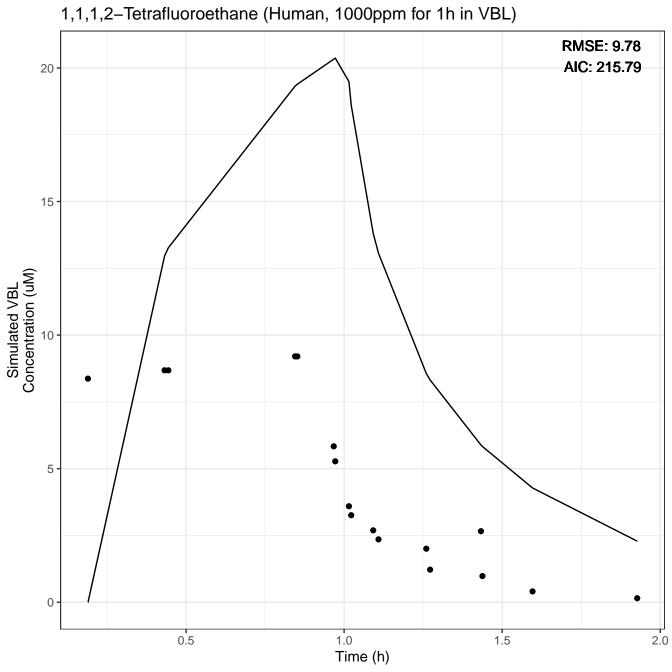
1,1,1-Trichloroethane (Human, 145ppm for 4h in BL) RMSE: 7.79 AIC: 131.66 10 Simulated BL Concentration (uM) 5 0 20 40 60 Time (h)

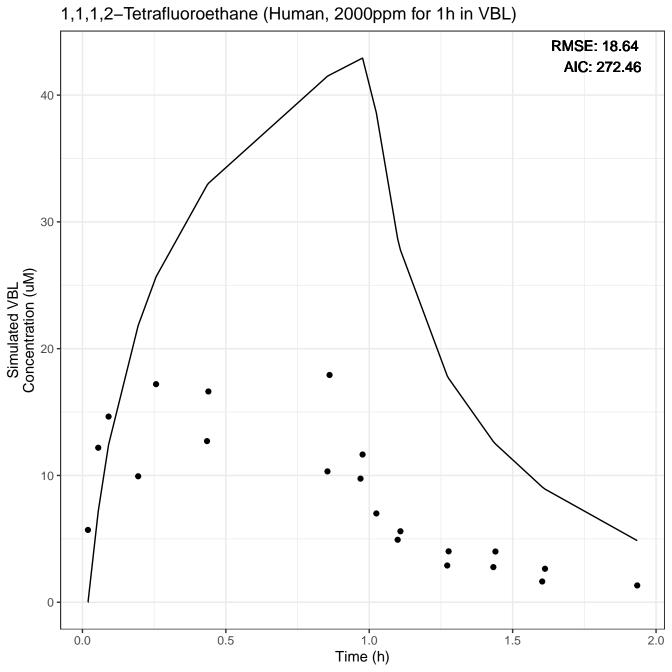


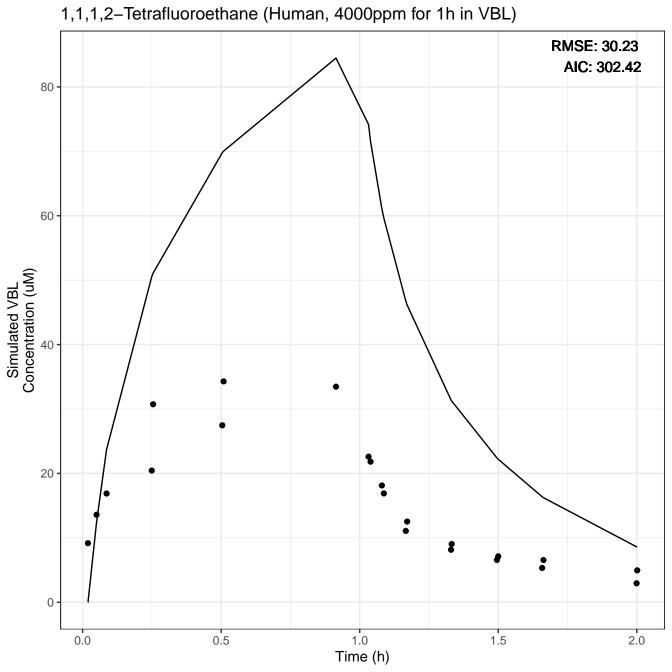


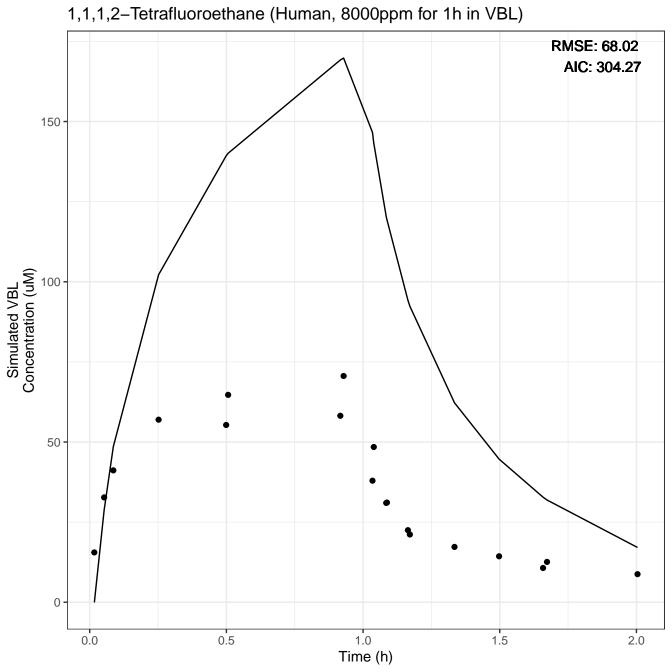
1,1,1–Trichloroethane (Human, 145ppm for 4h in EB) RMSE: 47.49 AIC: 206.15 90 · Simulated EB Concentration (ppm) 30 0 -50 100 150 Time (h)

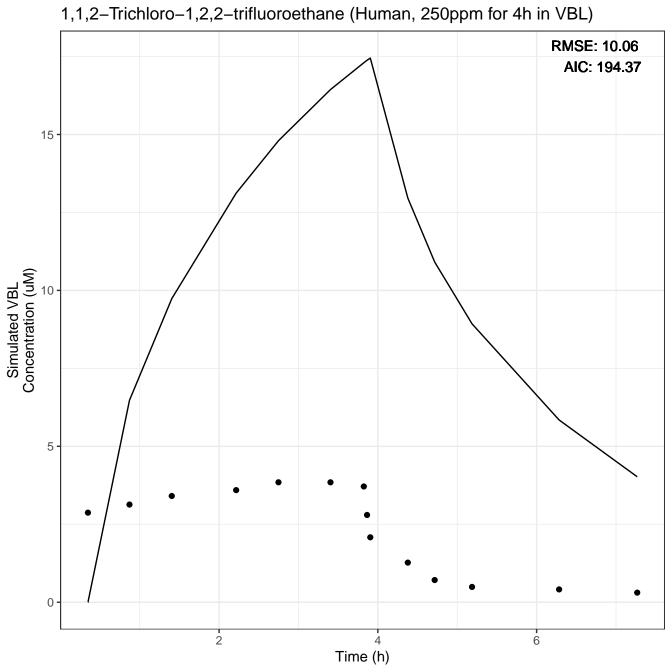


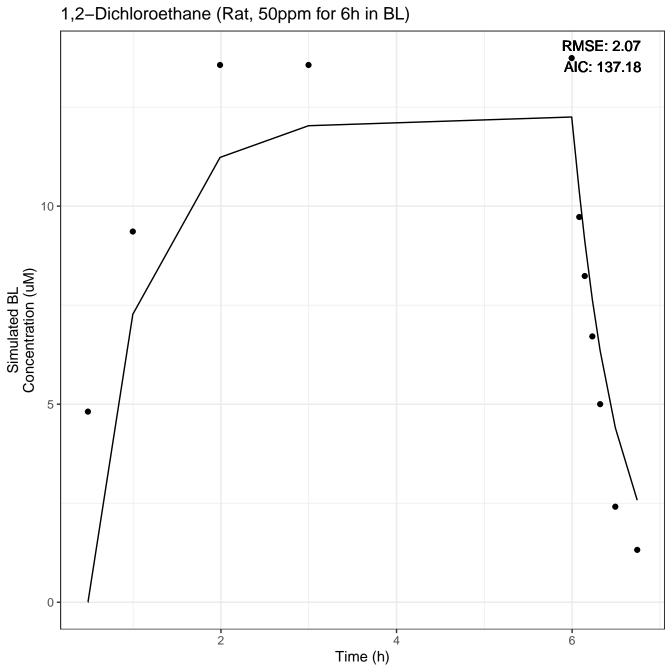


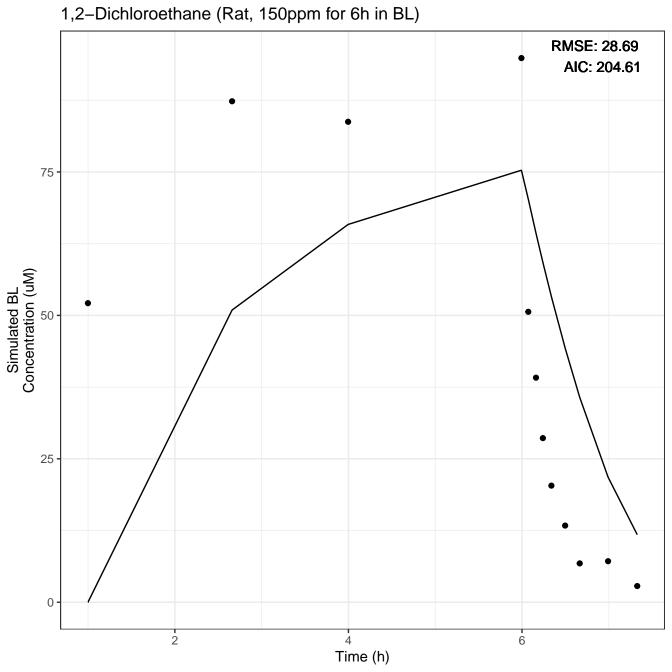


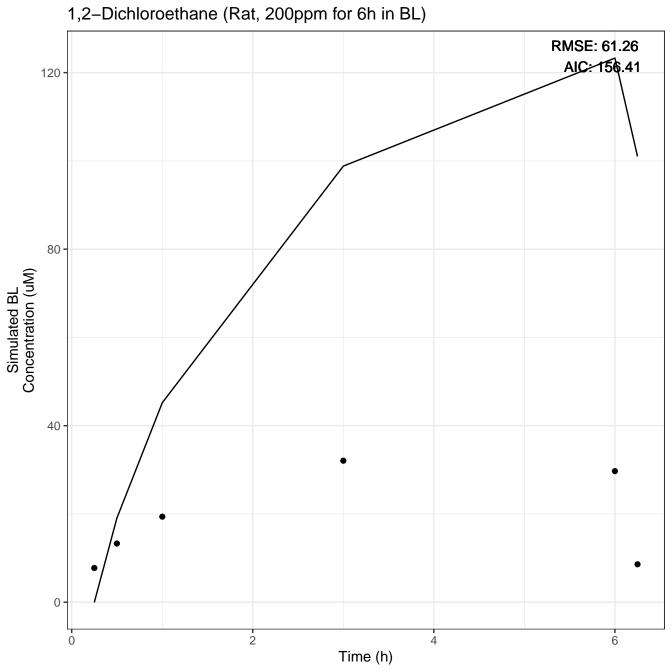


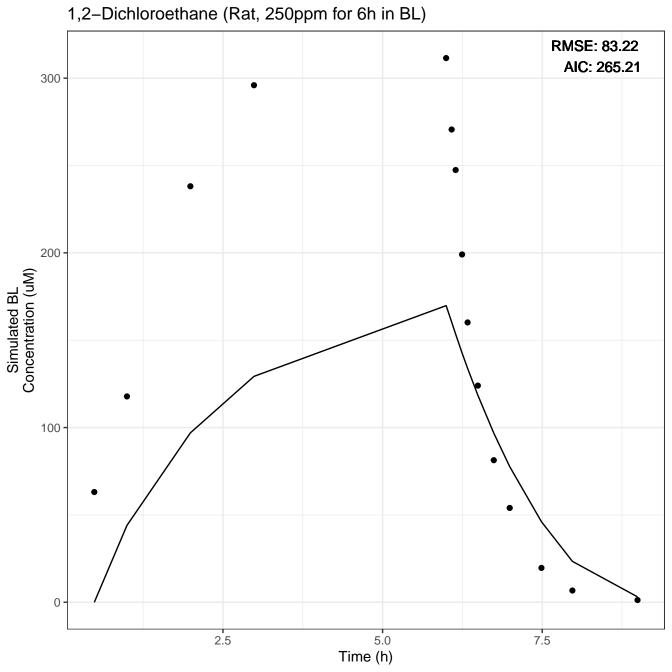


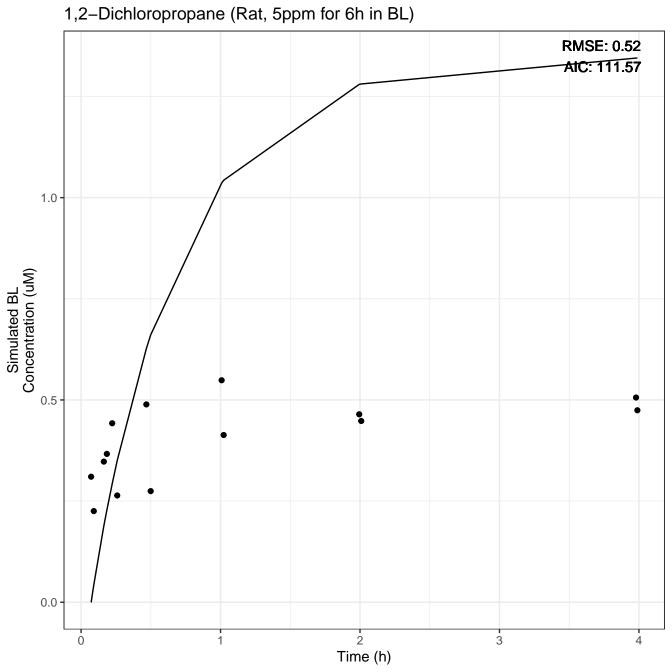


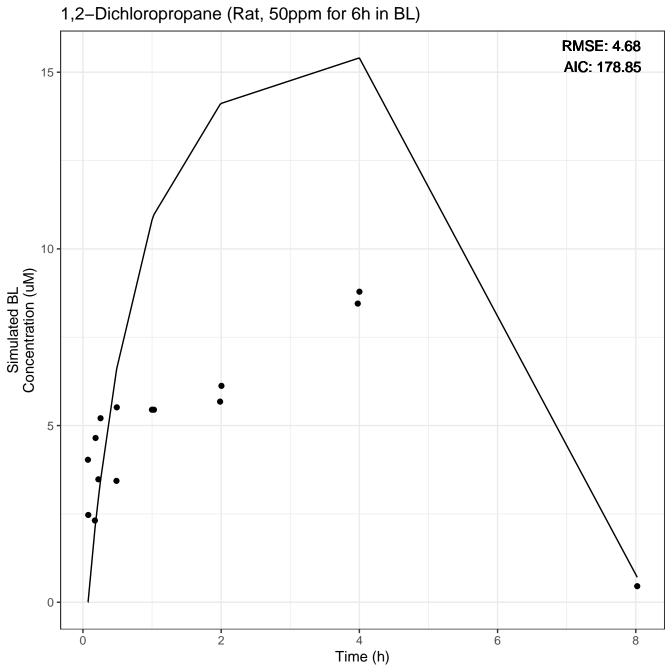


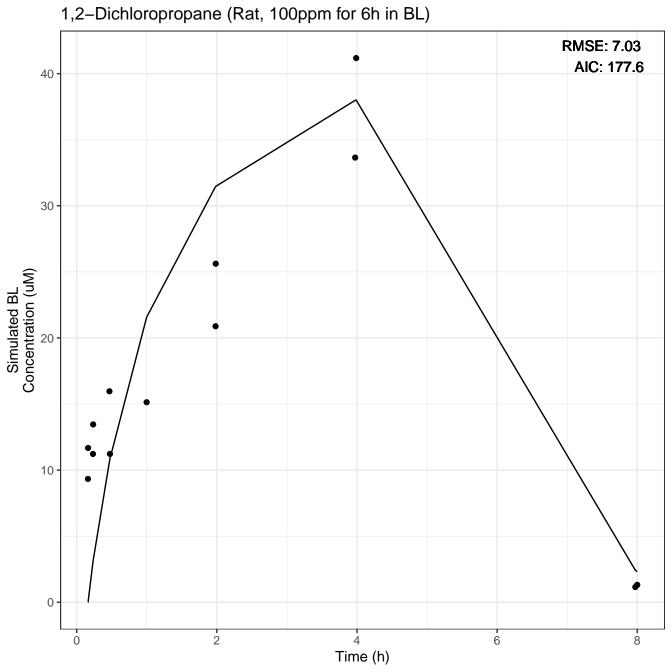








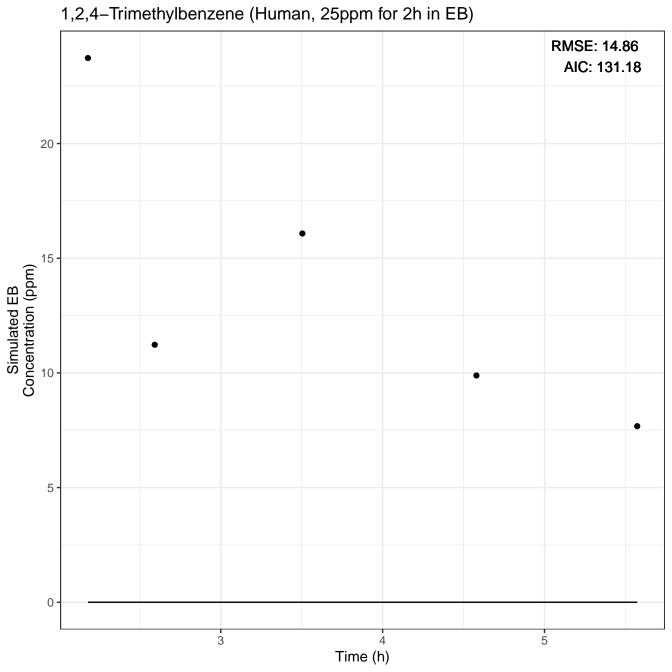


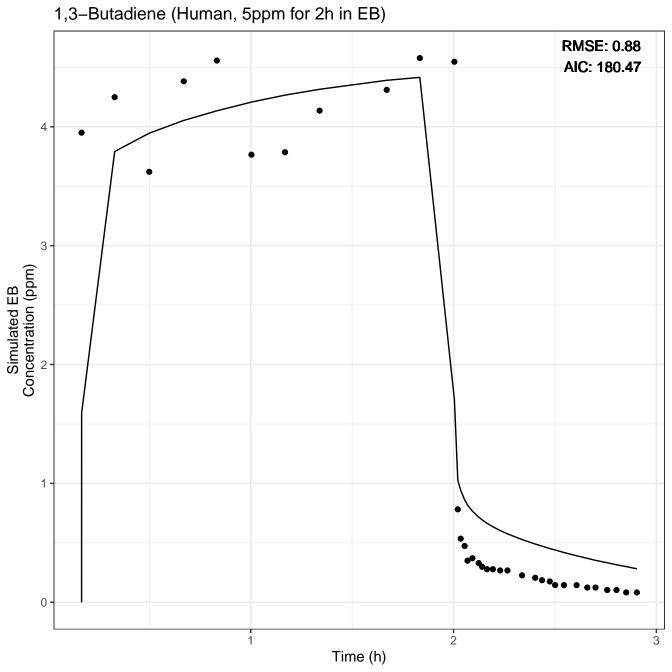


1,2,4-Trimethylbenzene (Human, 2ppm for 2h in ABL) RMSE: 0.16 AIC: 75.26 0.4 -Simulated ABL Concentration (uM) 0.2 -0.0 2 3 0 5 Time (h)

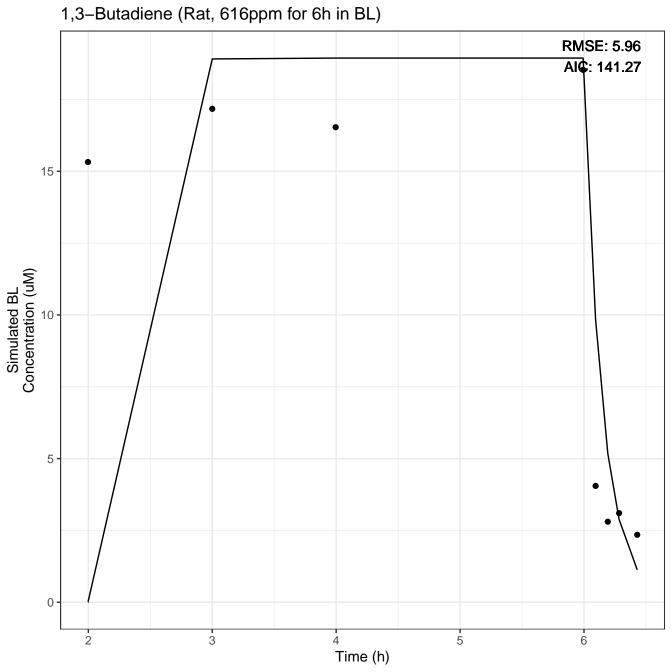
1,2,4-Trimethylbenzene (Human, 25ppm for 2h in ABL) **RMSE: 2.47** 8 AIC: 192.18 6 -Simulated ABL Concentration (uM) 2 -0 -25 10 15 5 20 Ö Time (h)

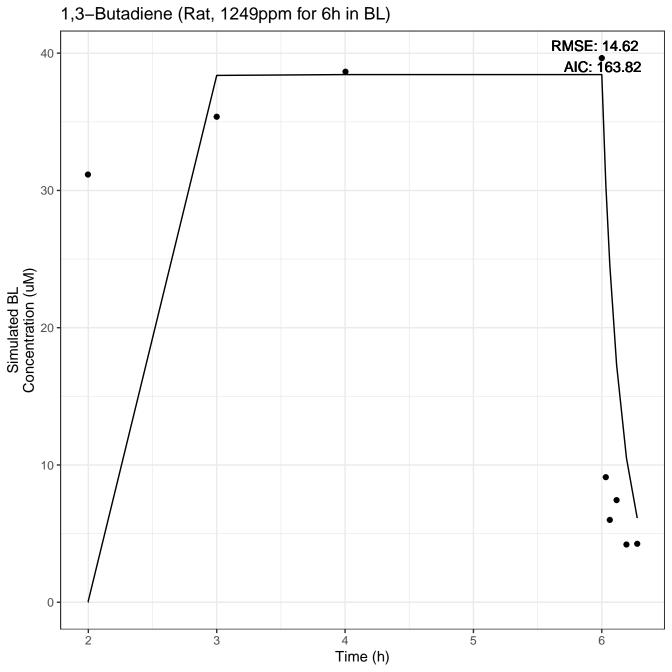
1,2,4-Trimethylbenzene (Human, 2ppm for 2h in EB) RMSE: 1.48 AIC: 97.25 1.5 -Simulated EB Concentration (ppm) 0.5 -0.0 -2.3 2.4 2.5 Time (h)

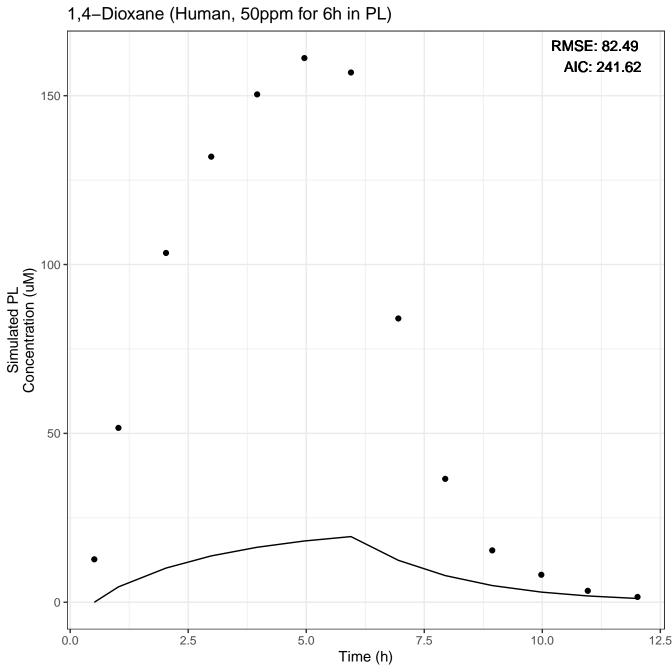


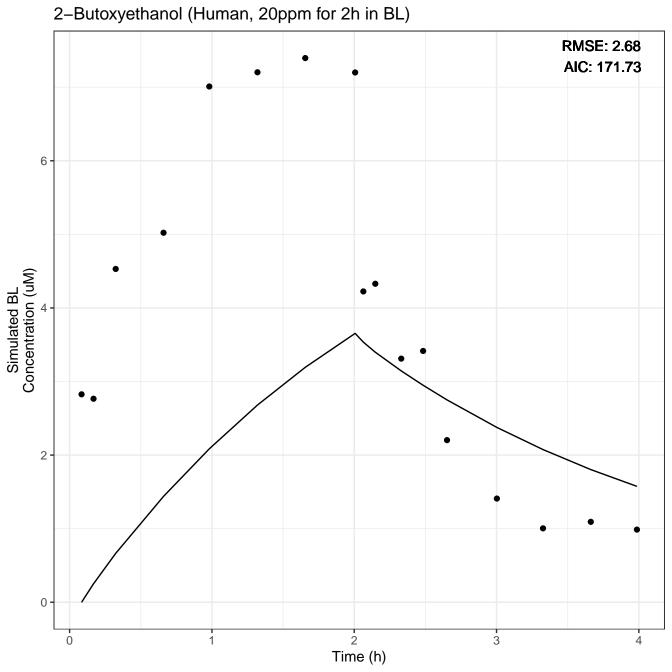


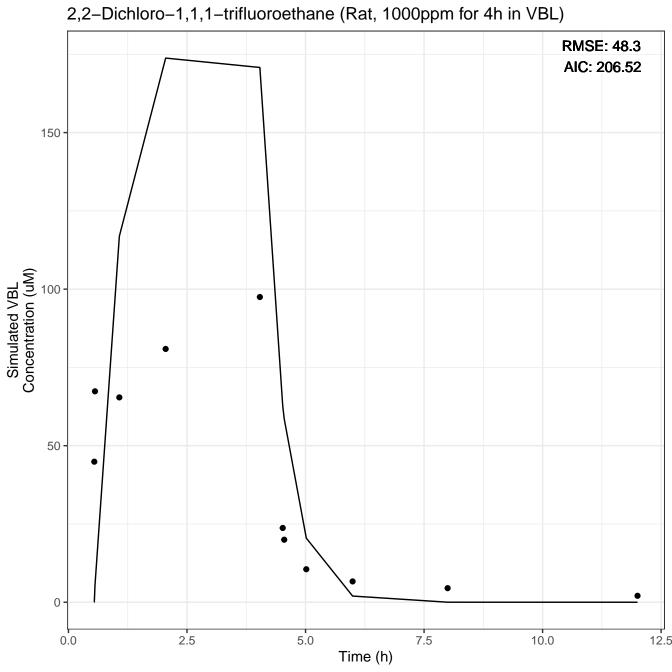
1,3-Butadiene (Rat, 63ppm for 6h in BL) 2.0 -RMSE: 0.63 AIC: 107.27 1.5 Simulated BL Concentration (uM) 0.5 -0.0 -2 3 5 6 Time (h)

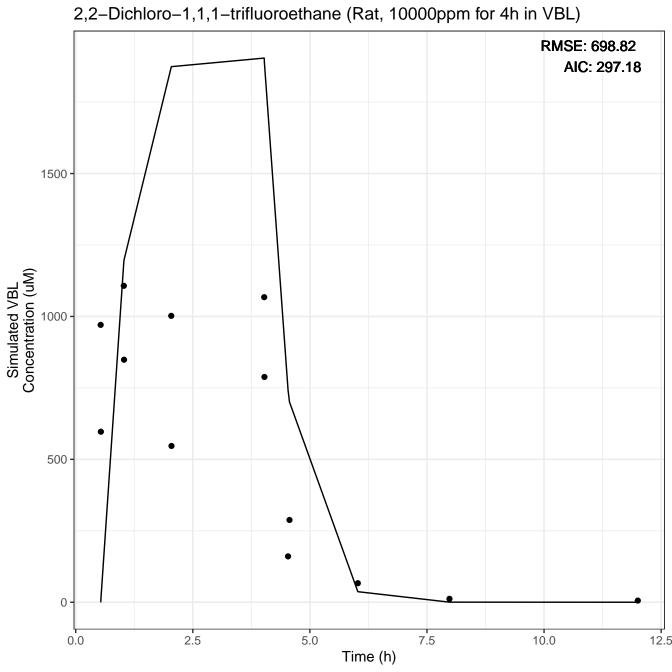










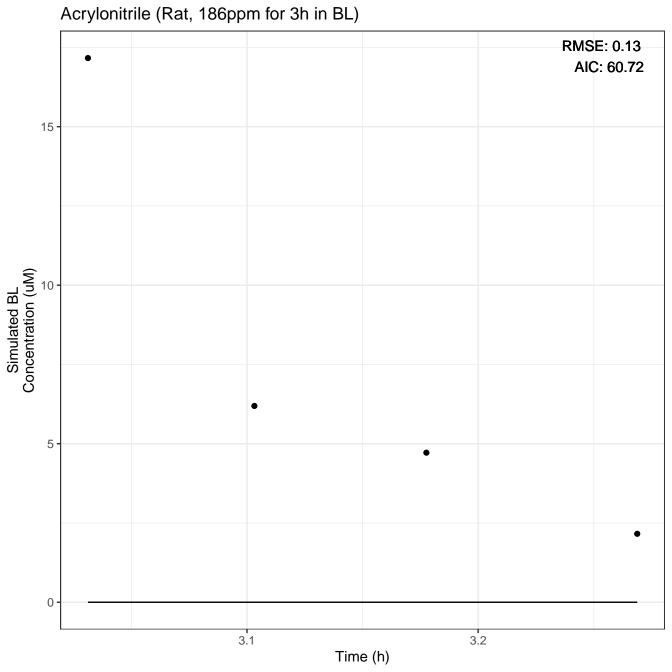


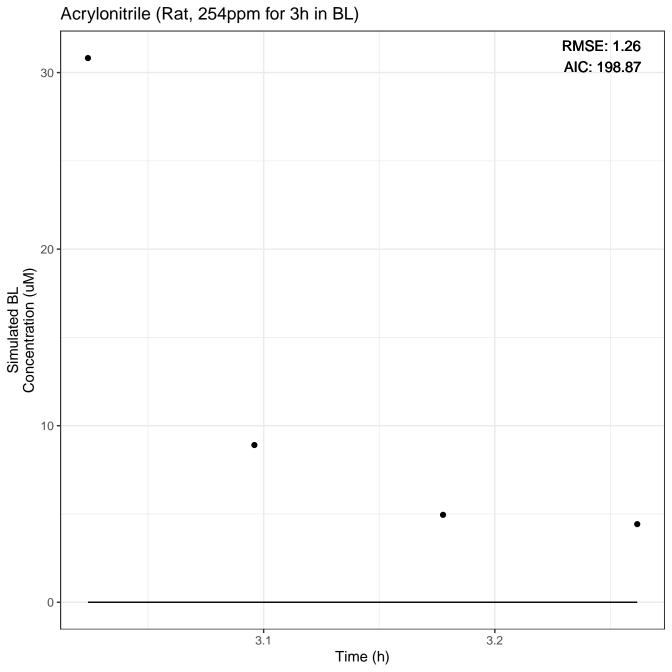
2H-Perfluoropropane (Human, 1000ppm for 1h in VBL) RMSE: 11.44 AIC: 128.56 1.5 -Simulated VBL Concentration (uM) 0.5 0.0 -0.5 0.0 1.5 1.0 2.0 Time (h)

2H-Perfluoropropane (Human, 2000ppm for 1h in VBL) RMSE: 20.12 AIC: 134.2 2 -Simulated VBL Concentration (uM) 0 -0.0 0.5 1.0 1.5 2.0 Time (h)

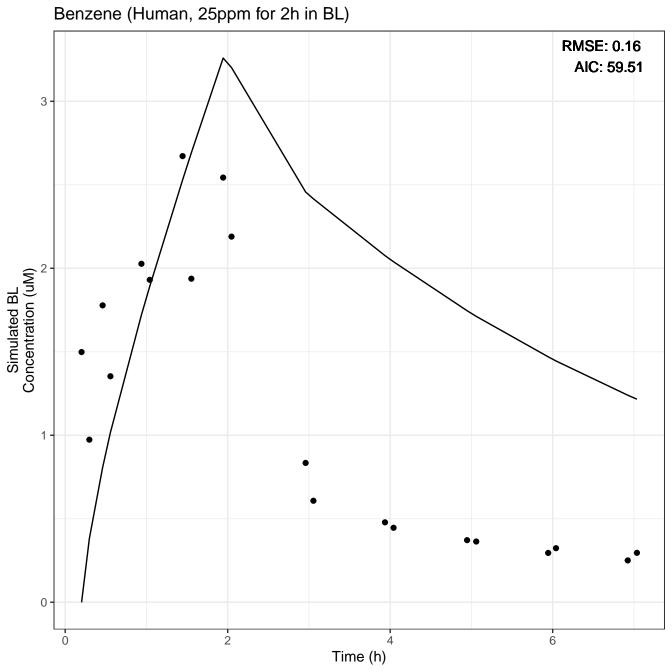
2H-Perfluoropropane (Human, 4000ppm for 1h in VBL) RMSE: 25.27 5 -AIC: 136.49 4 -Simulated VBL Concentration (uM) 1 0 -0.0 0.5 1.0 1.5 2.0 Time (h)

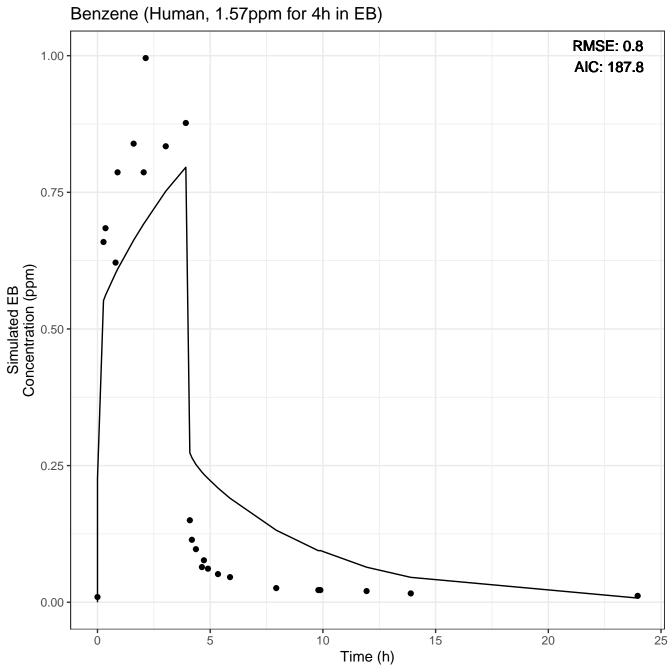
2H-Perfluoropropane (Human, 8000ppm for 1h in VBL) **RMSE: 1.12** AIC: 151.25 9 -Simulated VBL Concentration (uM) 3 -0 -0.5 0.0 1.0 1.5 2.0 Time (h)

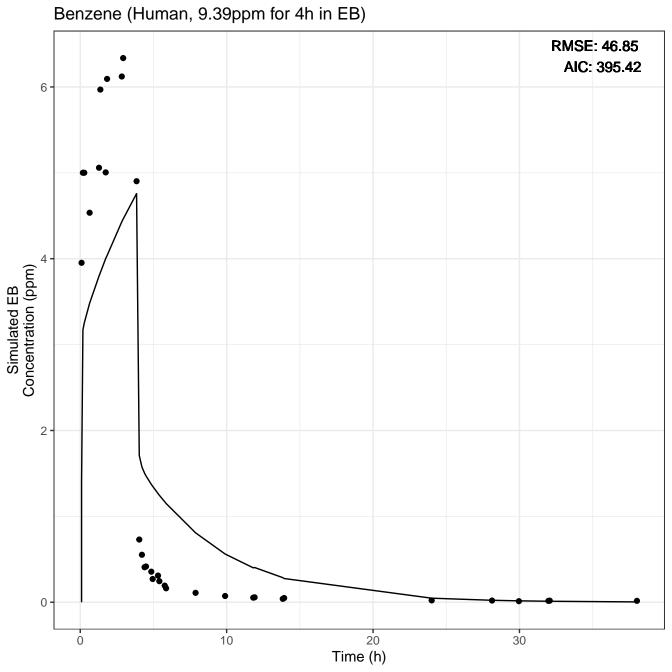




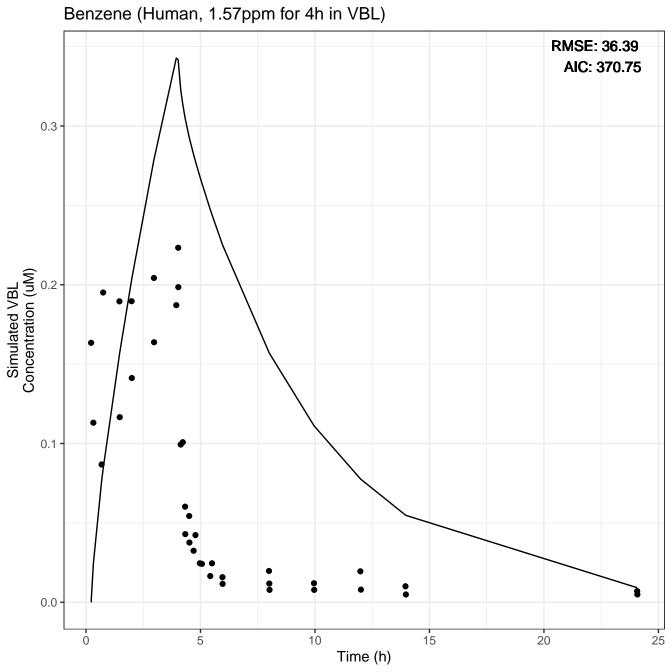
Acrylonitrile (Rat, 291ppm for 3h in BL) RMSE: 2.21 AIC: 196.11 30 Simulated BL Concentration (uM) 10 0 -3.05 3.20 3.10 3.15 3.25 Time (h)



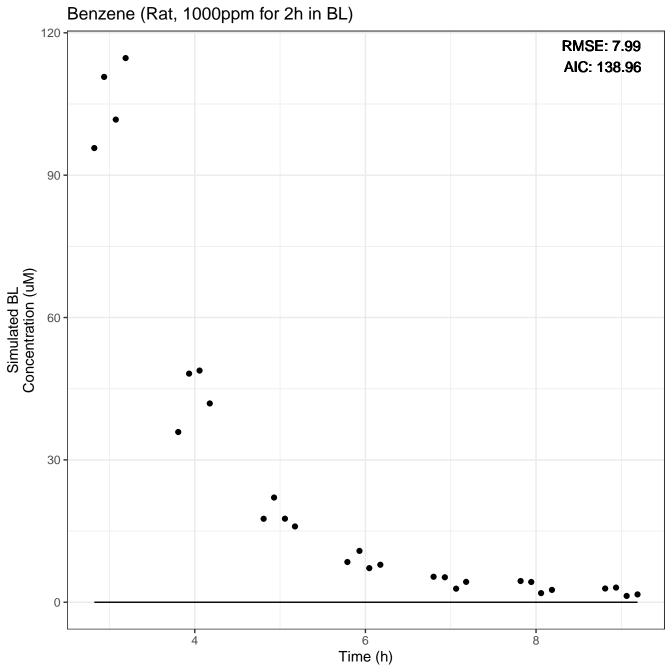




Benzene (Human, 25ppm for 2h in EB) RMSE: 4.09 AIC: 225.77 6 -Simulated EB Concentration (ppm) 2 -0 -2 3 5 6 7 Time (h)

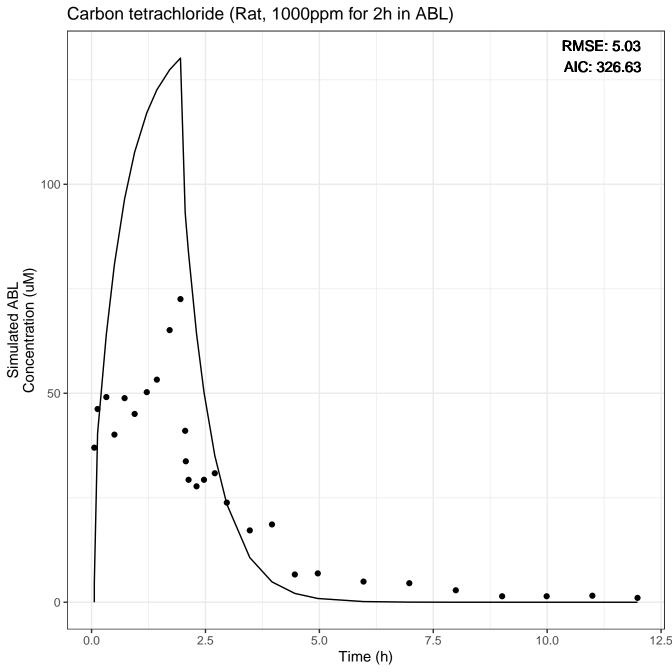


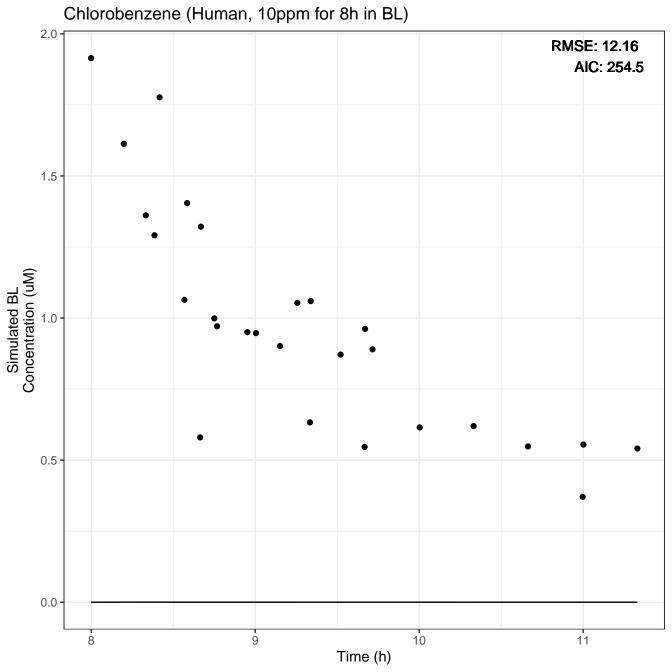
Benzene (Human, 9.39ppm for 4h in VBL) **RMSE: 1.09** 2.5 AIC: 174.52 2.0 -Simulated VBL Concentration (uM) 1.5 -1.0 -0.5 -0.0 -10 20 30 0 Time (h)

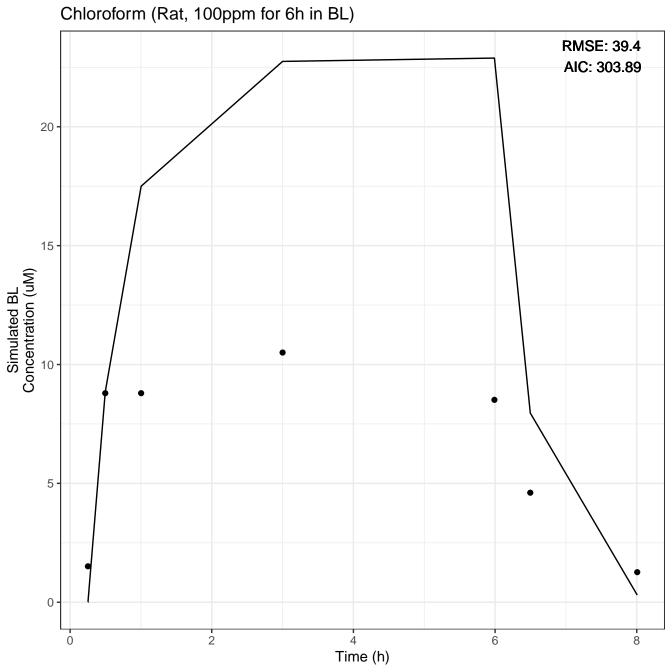


Bromotrifluoromethane (Human, 10000ppm for 24h in VBL) RMSE: 21.78 30 AIC: 234 20 Simulated VBL Concentration (uM) 10 0 10 20 30 Time (h)

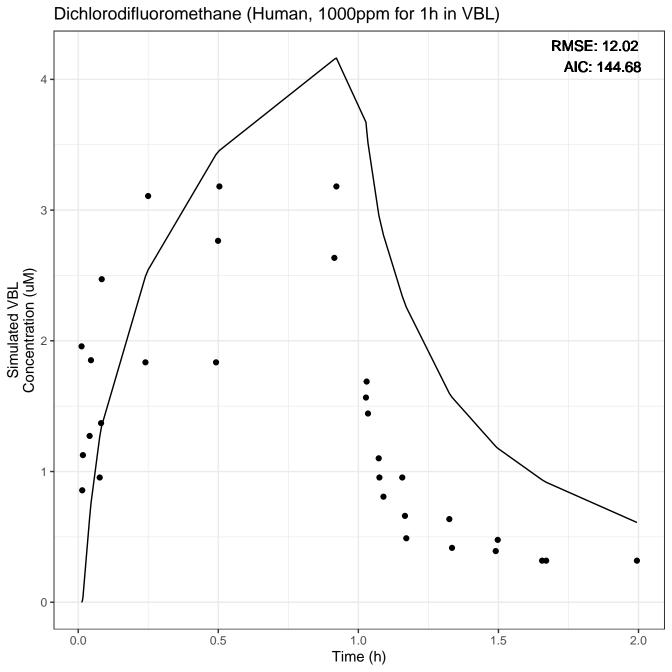
Carbon tetrachloride (Rat, 100ppm for 2h in ABL) RMSE: 1.29 12.5 AIC: 193.73 10.0 7.5 -Simulated ABL Concentration (uM) 5.0 2.5 0.0 2.5 5.0 7.5 0.0 Time (h)

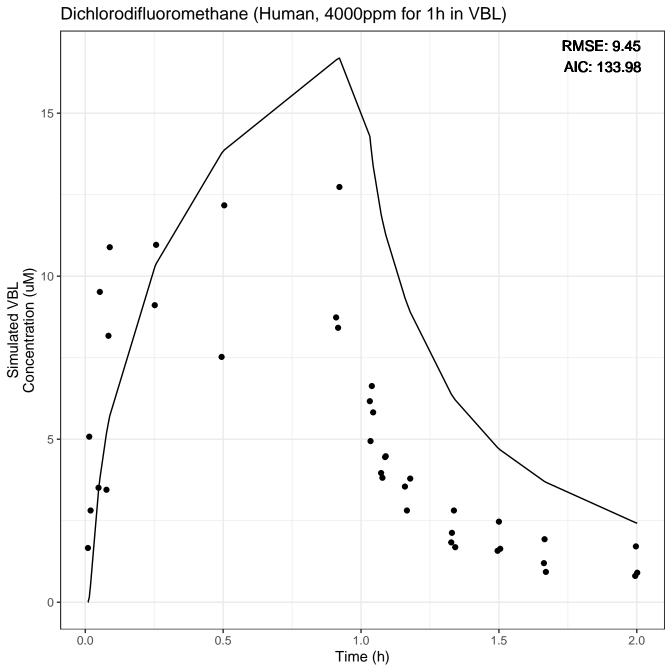


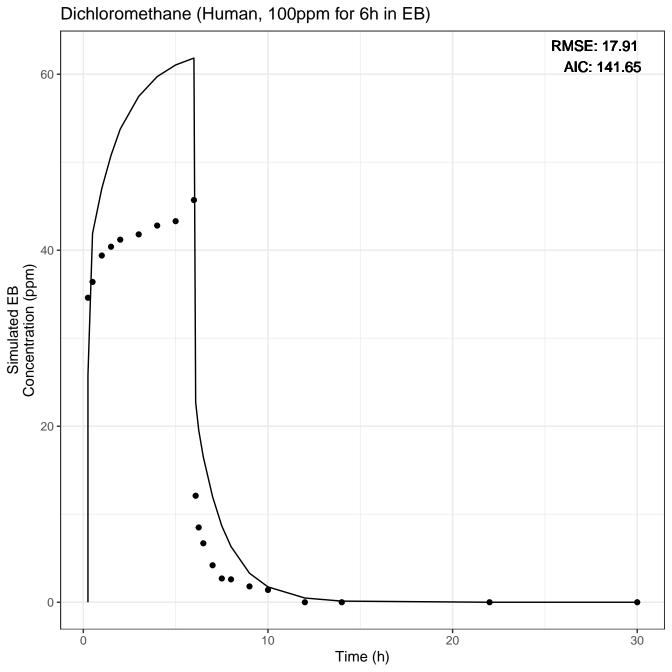




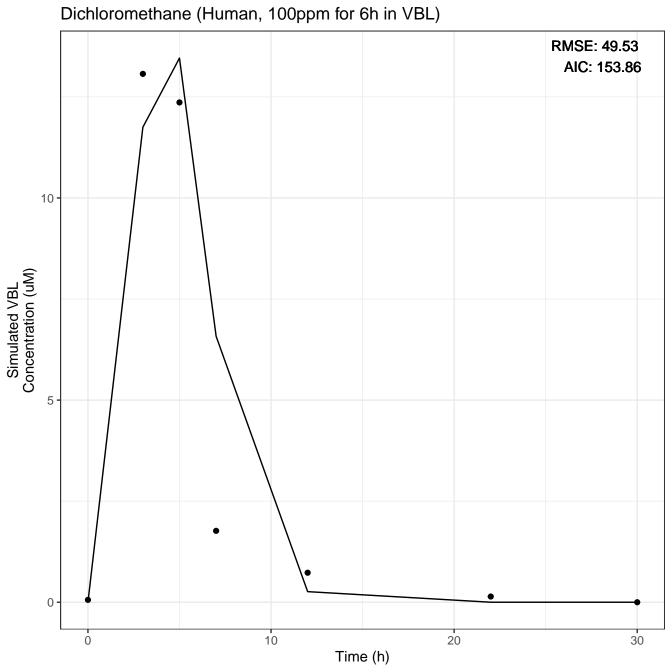
Decane (Rat, 1200ppm for 4h in BL) RMSE: 1.94 AIC: 119.14 60 40 · Simulated BL Concentration (uM) 20 0 -5 6 7 Time (h)

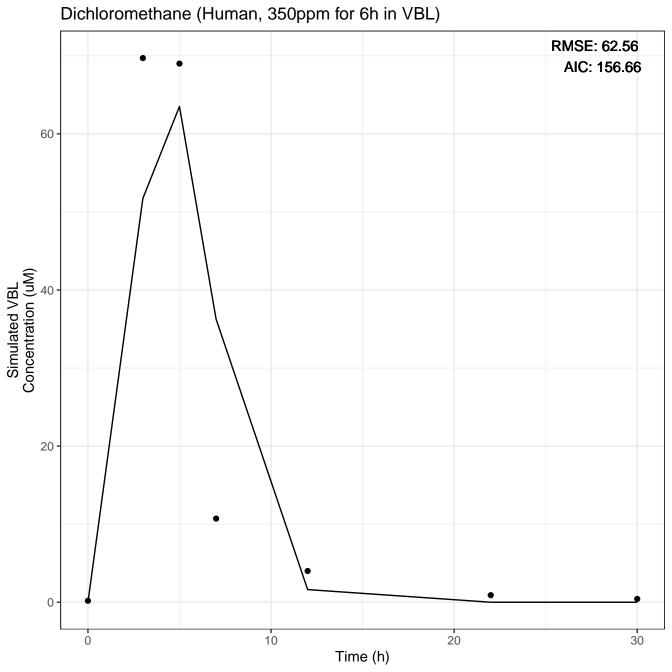


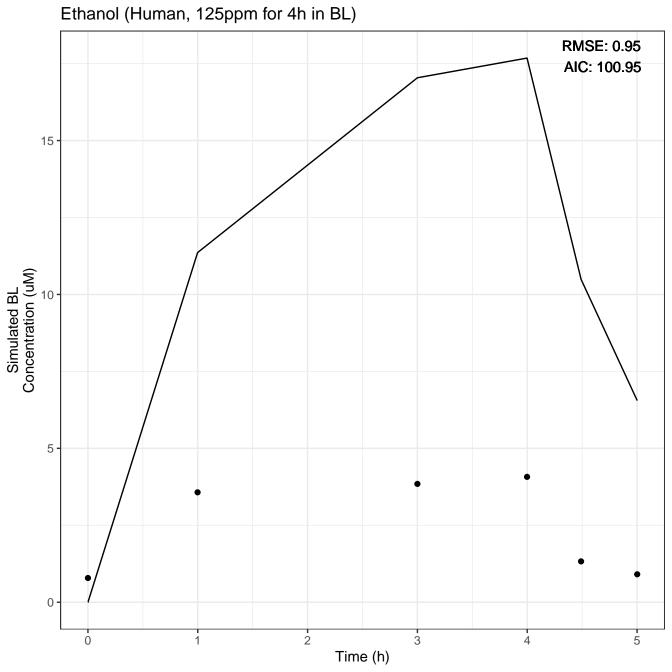


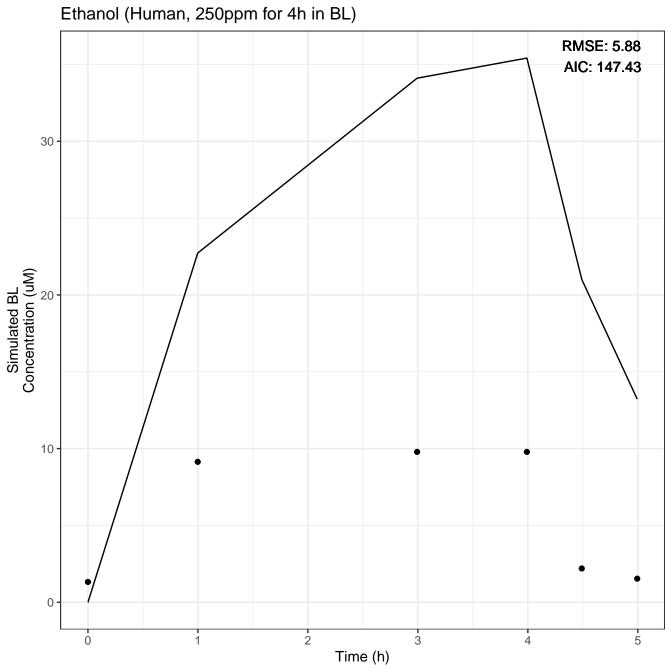


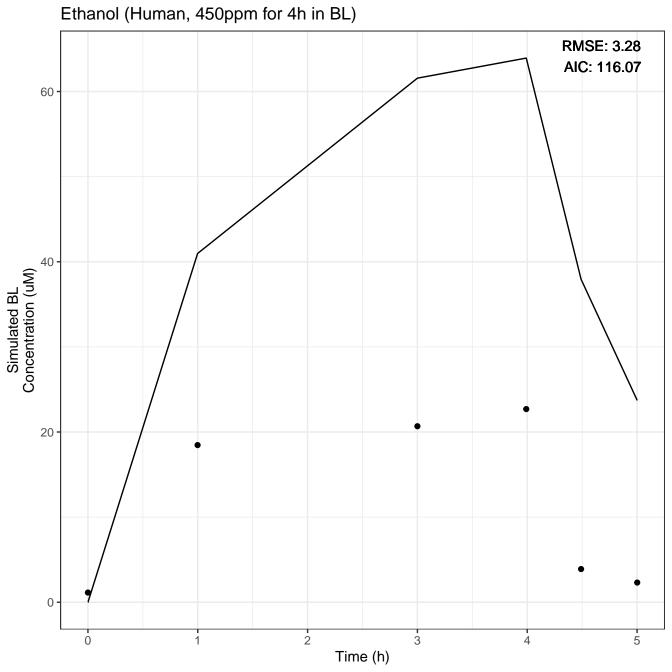
Dichloromethane (Human, 350ppm for 6h in EB) RMSE: 30.27 250 AIC: 147.95 200 Simulated EB Concentration (ppm) 150 -100 50 0 10 20 0 30 Time (h)

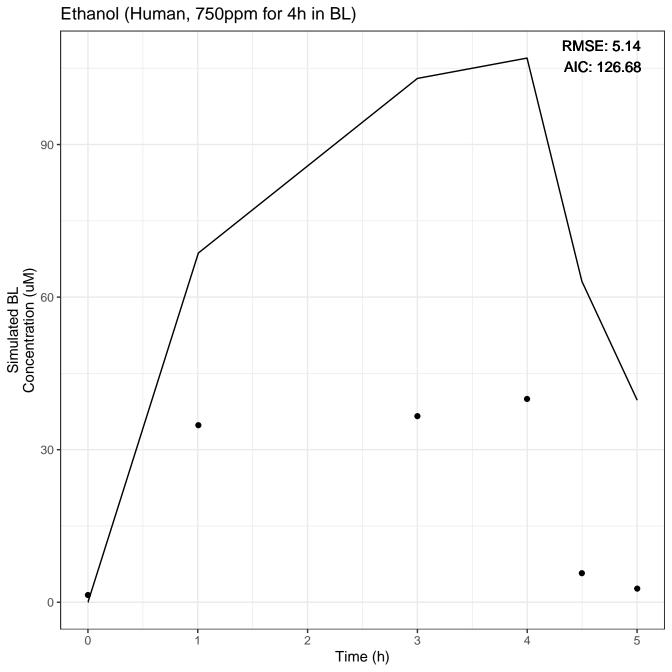


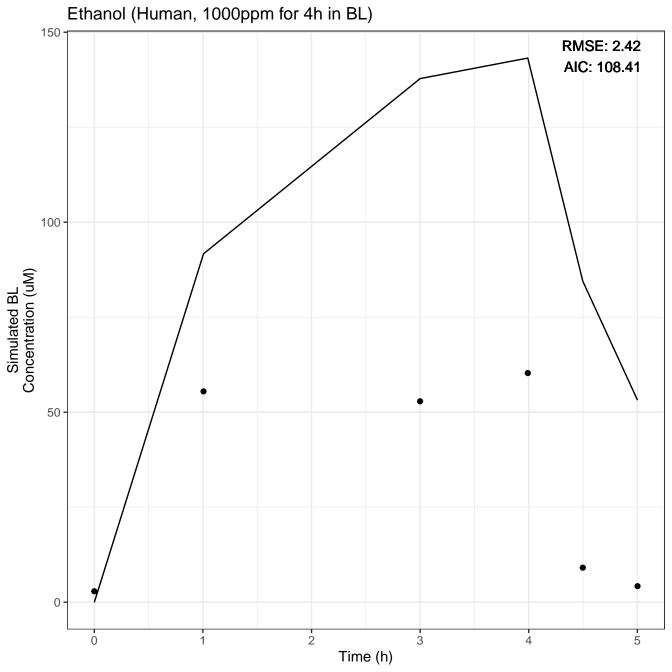


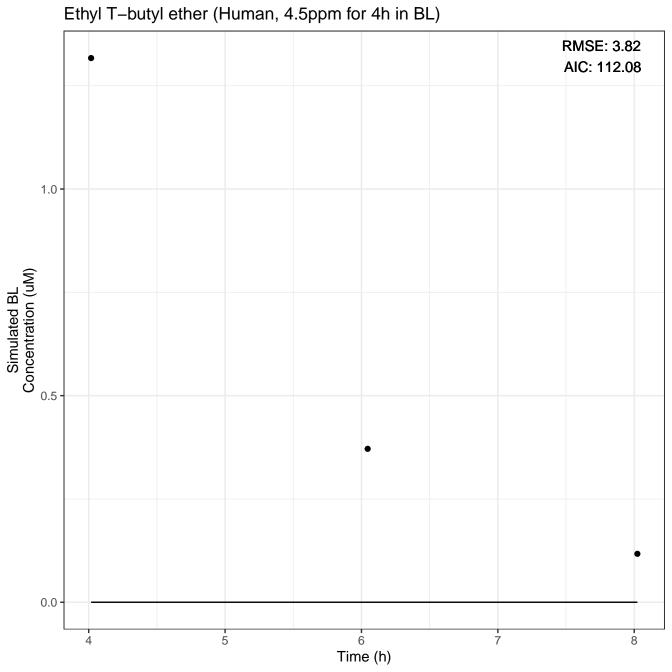




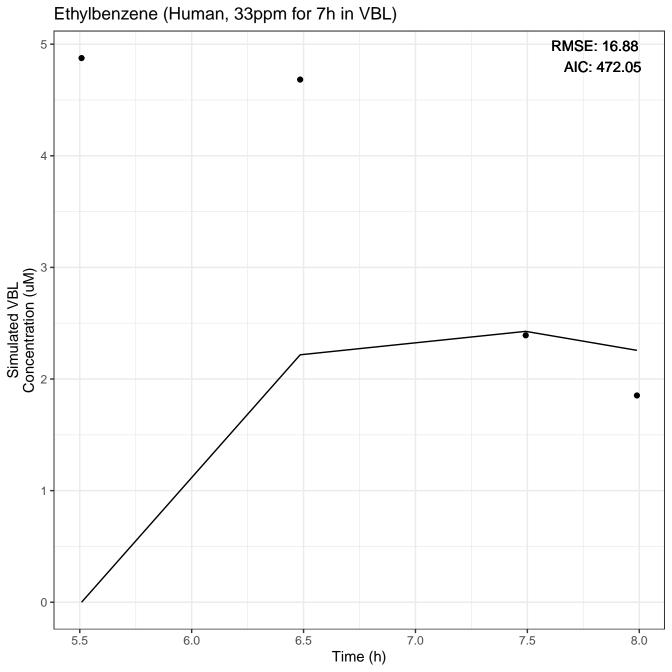








Ethyl T-butyl ether (Human, 40.6ppm for 4h in BL) 12.5 -RMSE: 8.24 AIC: 118.22 10.0 7.5 Simulated BL Concentration (uM) 5.0 2.5 0.0 20 10 Time (h)



Ethylbenzene (Rat, 50ppm for 4h in VBL) 8 RMSE: 17.27 AIC: 175.35 6 -Simulated VBL Concentration (uM) 2 -0 -

5.0

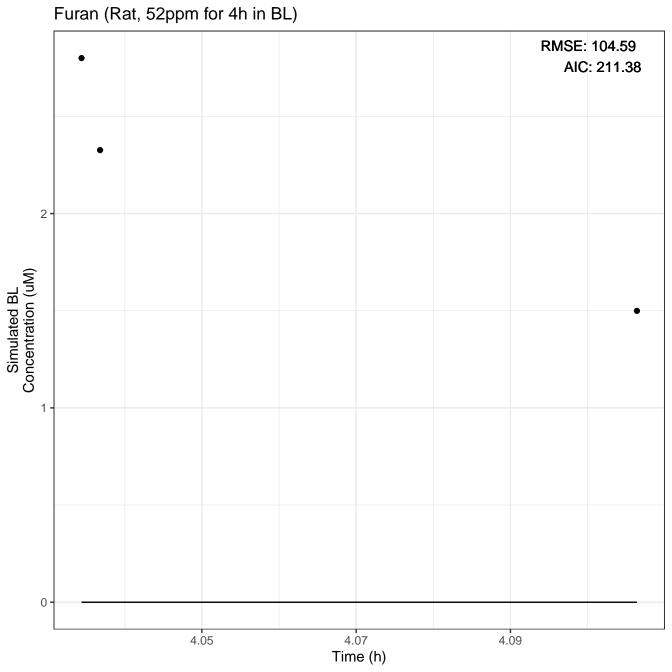
Time (h)

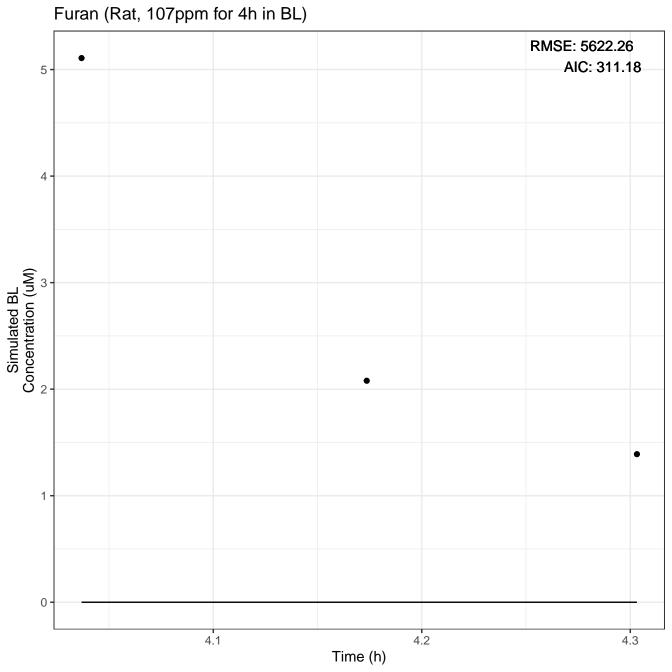
5.5

6.0

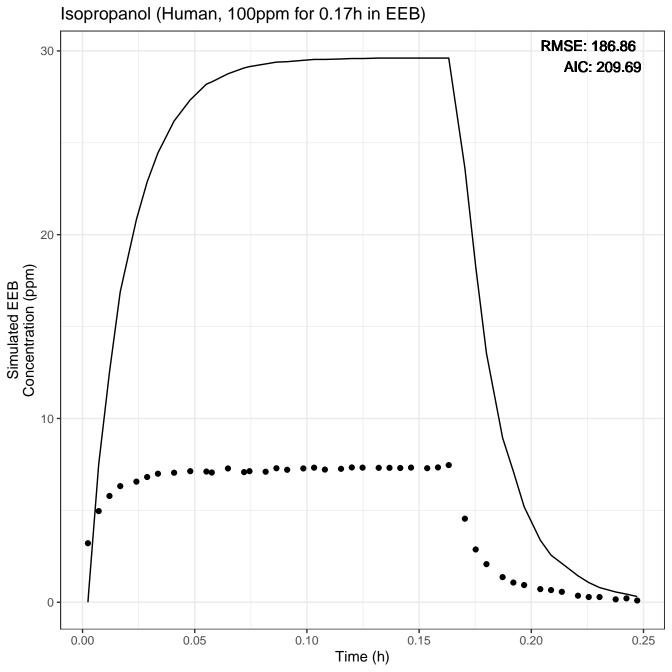
4.5

4.0

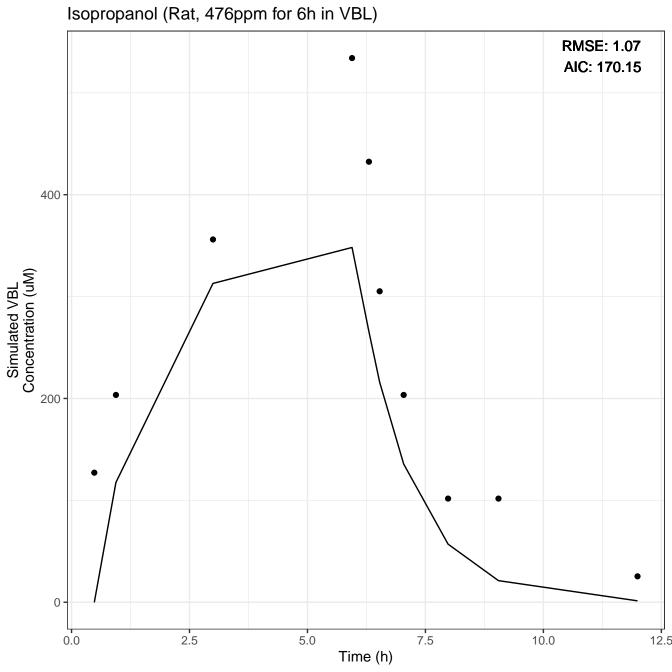




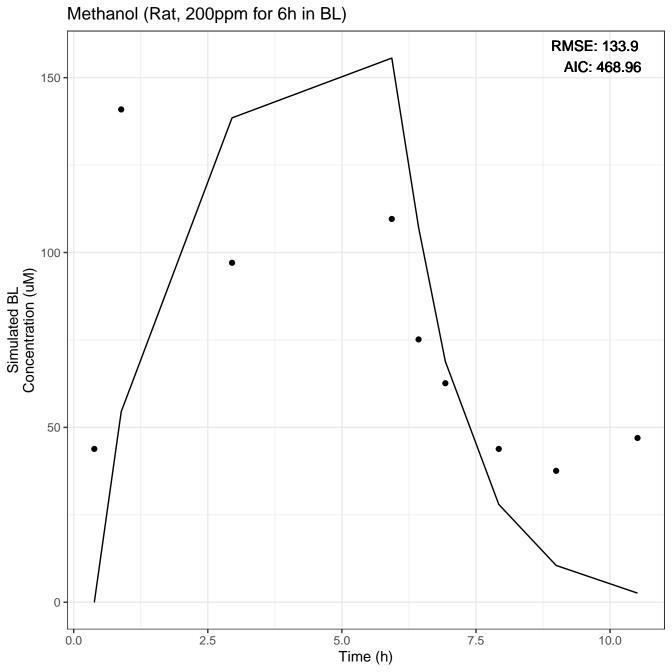
Furan (Rat, 208ppm for 4h in BL) 12 -RMSE: 43.77 AIC: 183.56 9 Simulated BL Concentration (uM) 3 0 -4.2 4.4 4.6 4.8 4.0 Time (h)

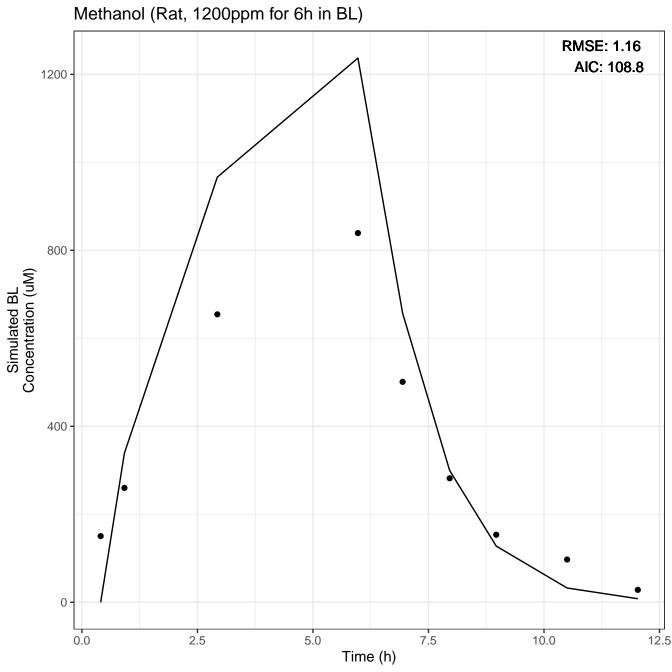


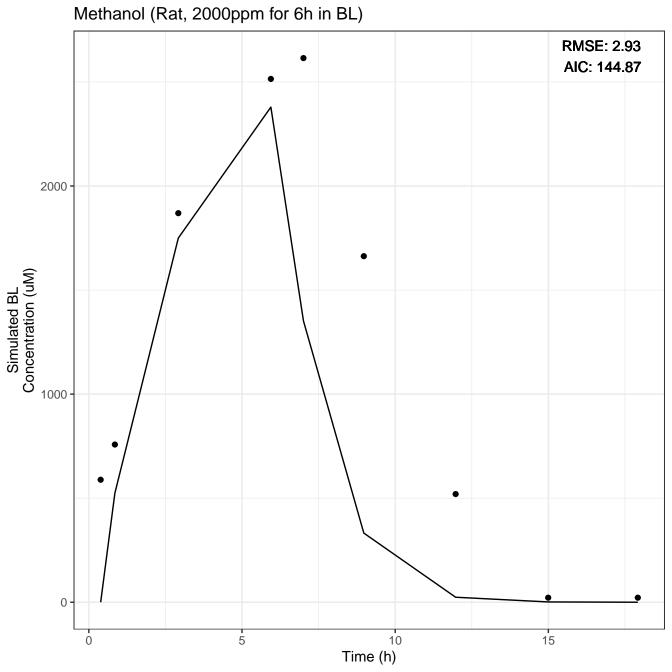
Isopropanol (Human, 100ppm for 0.17h in MEB) RMSE: 670.4 AIC: 232.68 50 40 Simulated MEB Concentration (ppm) 30 -20 10 0.04 0.08 0.12 0.16 Time (h)

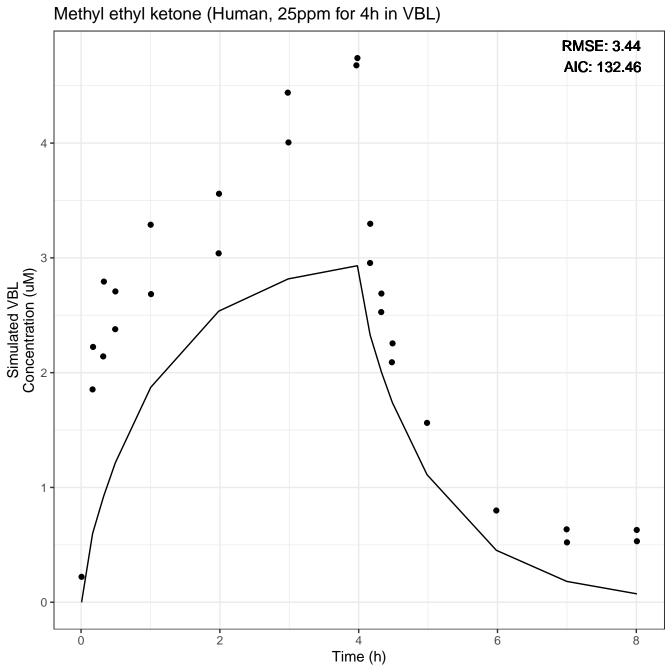


Isopropanol (Rat, 4960ppm for 6h in VBL) 15000 -RMSE: 41.05 AIC: 367.23 10000 -Simulated VBL Concentration (uM) 5000 -0 -15 5 10 Time (h)

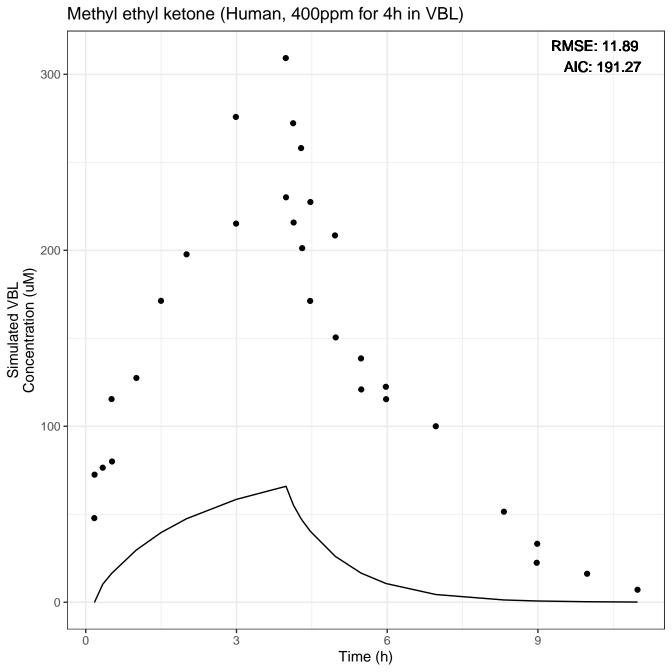






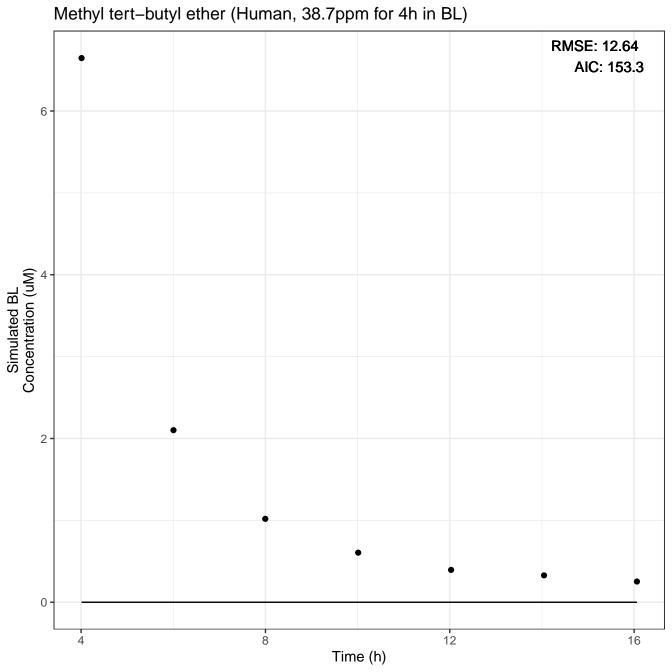


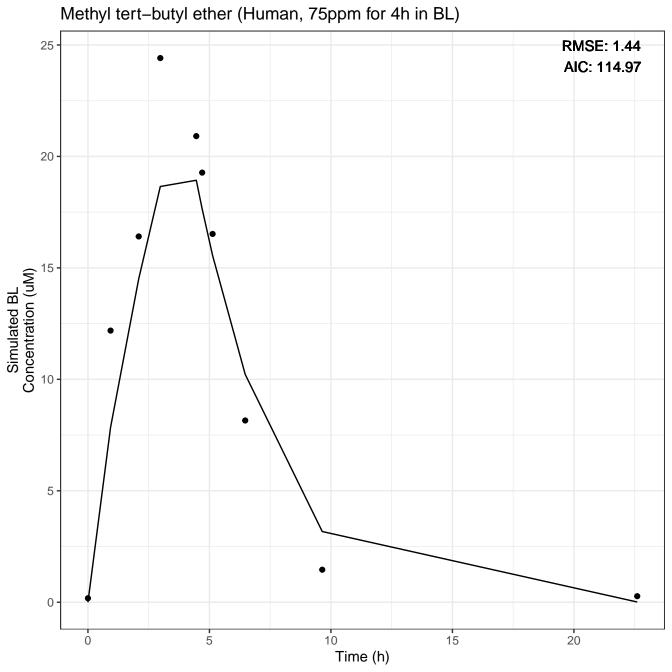
Methyl ethyl ketone (Human, 200ppm for 4h in VBL) **RMSE: 2.65** 100 AIC: 137.9 75 -Simulated VBL Concentration (uM) 50 -25 0 -3 9 6 Time (h) 12

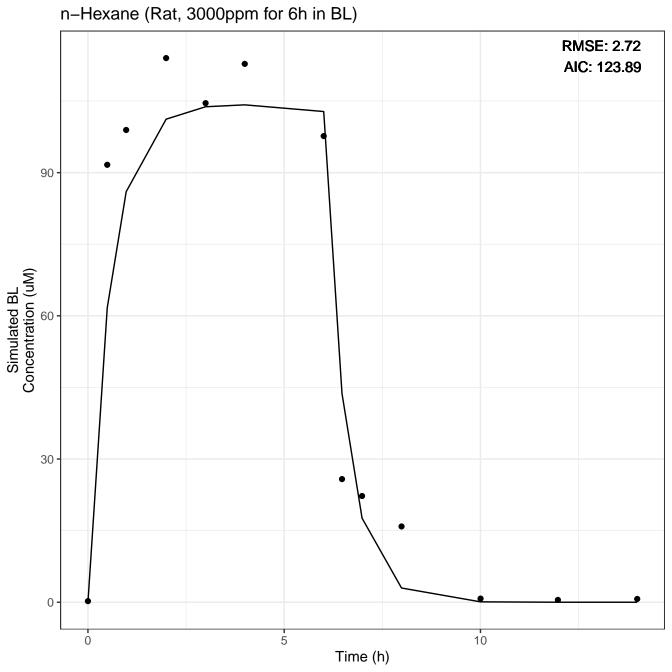


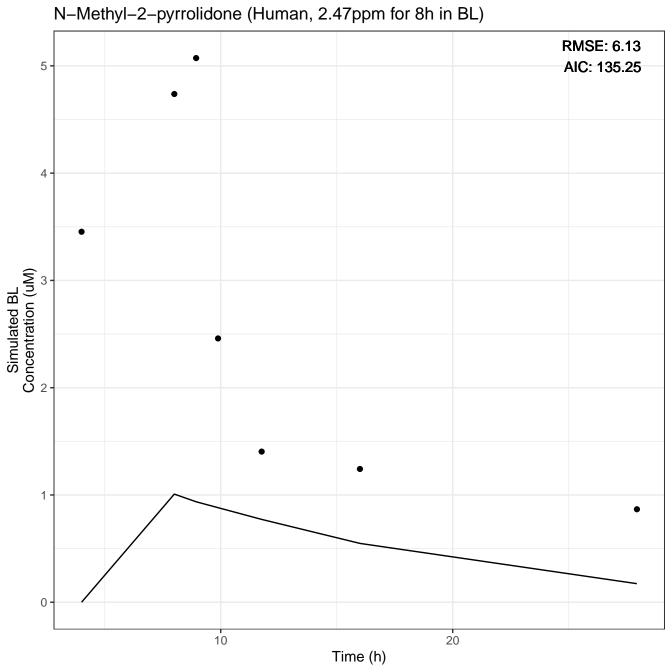
Methyl tert-butyl ether (Human, 4.5ppm for 4h in BL) 2.0 -RMSE: 2.71 AIC: 128.65 1.5 -Simulated BL Concentration (uM) 0.5 -0.0 -10 8 12 6 Time (h)

Methyl tert-butyl ether (Human, 25ppm for 4h in BL) RMSE: 5.67 AIC: 140.48 9 -Simulated BL Concentration (uM) 3 -0 -25 10 15 20 5 Ö Time (h)

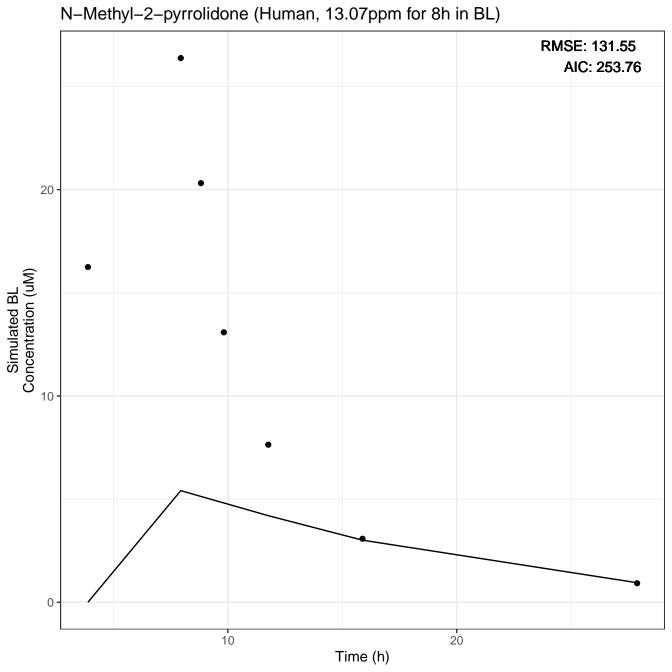


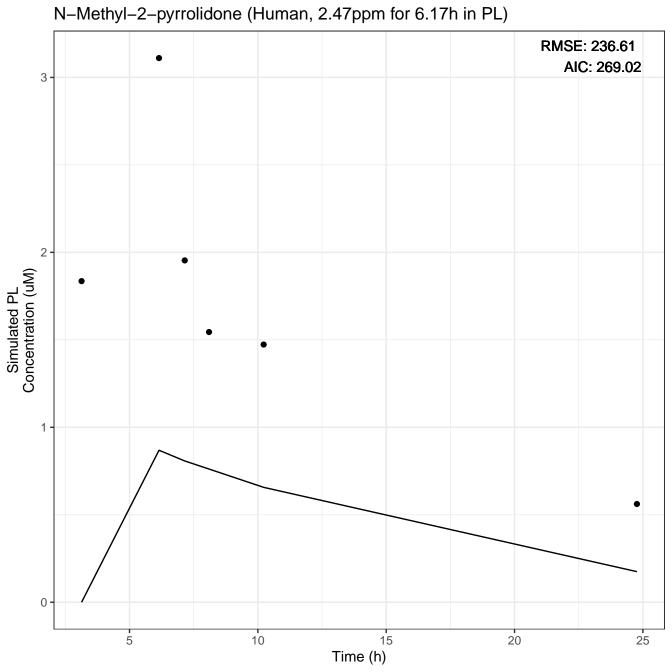


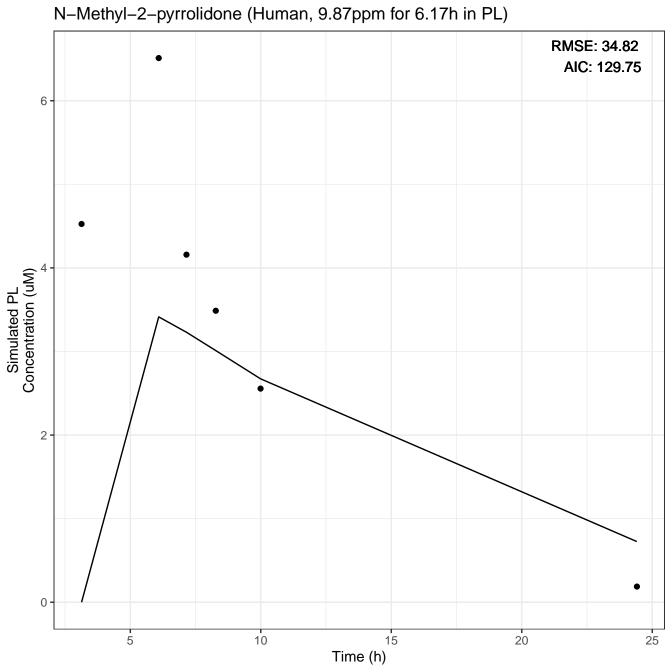


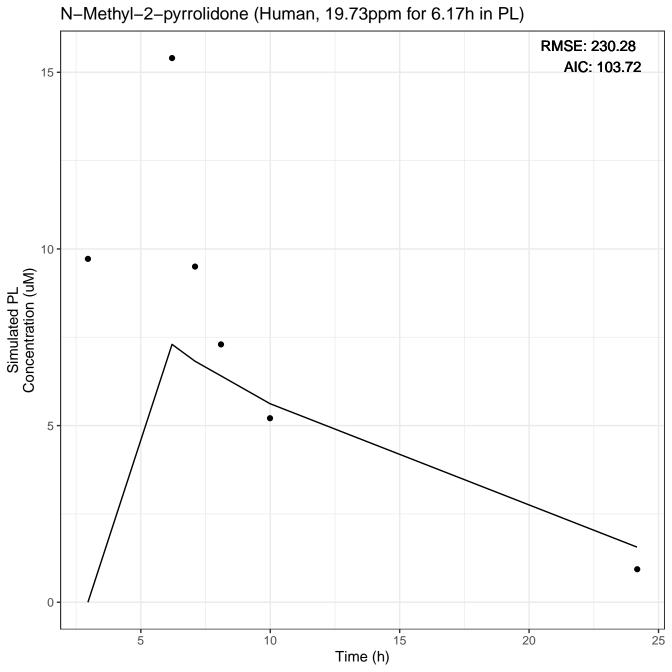


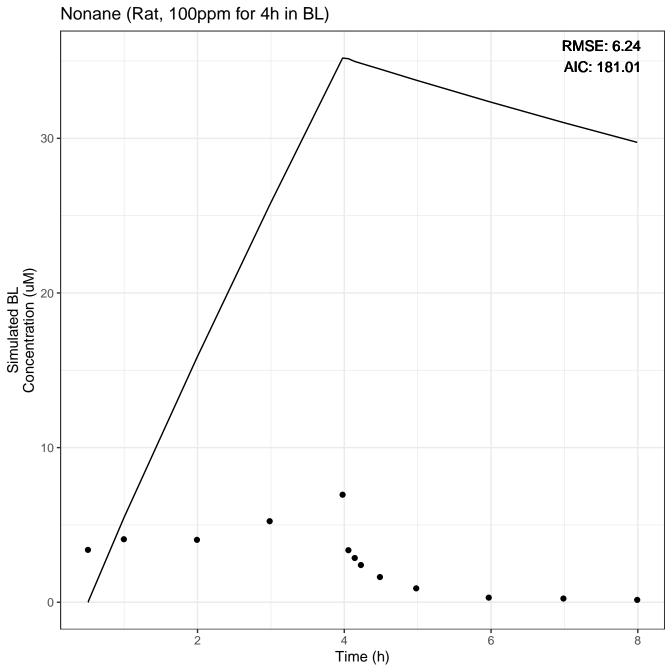
N-Methyl-2-pyrrolidone (Human, 5.92ppm for 8h in BL) 10.0 RMSE: 26.99 AIC: 212.58 7.5 Simulated BL Concentration (uM) 5.0 2.5 0.0 10 20 Time (h)

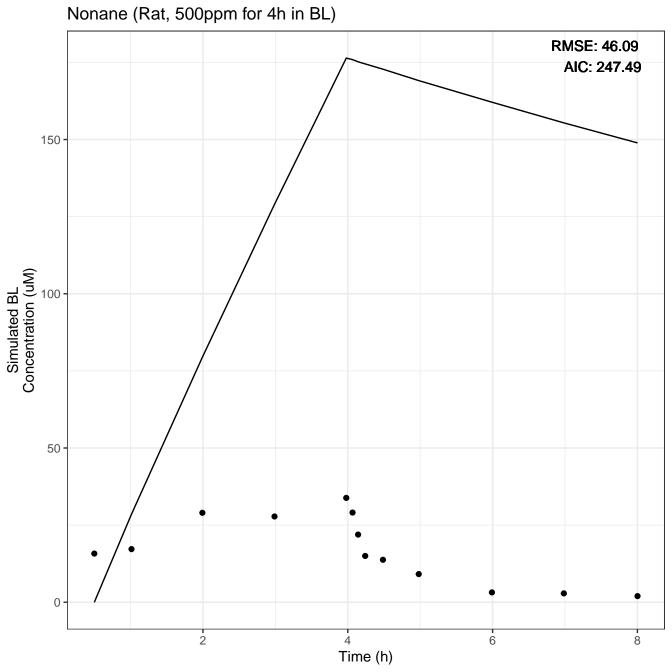


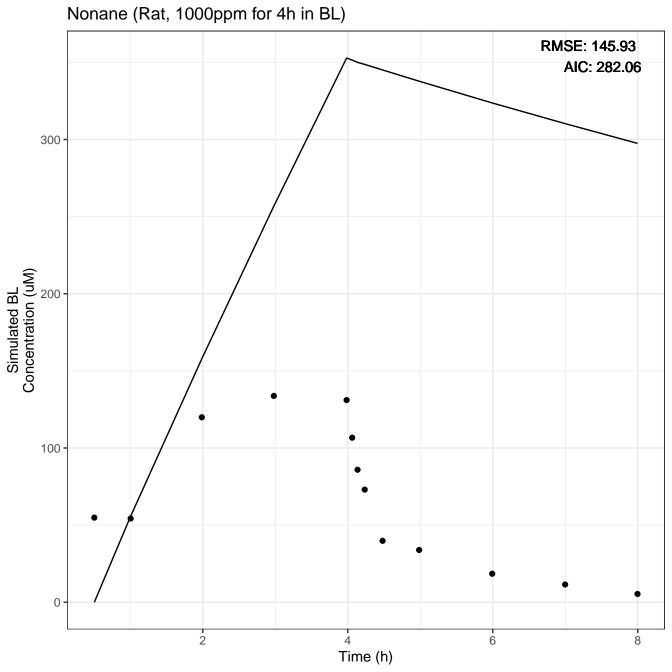


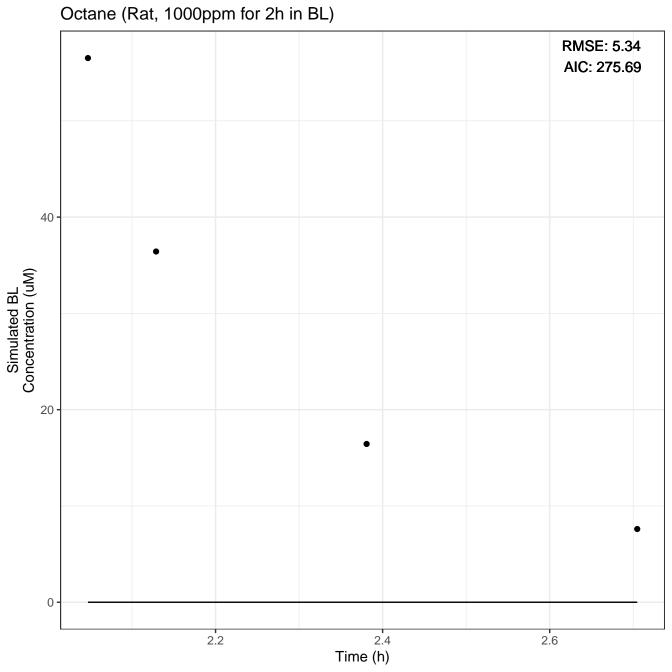


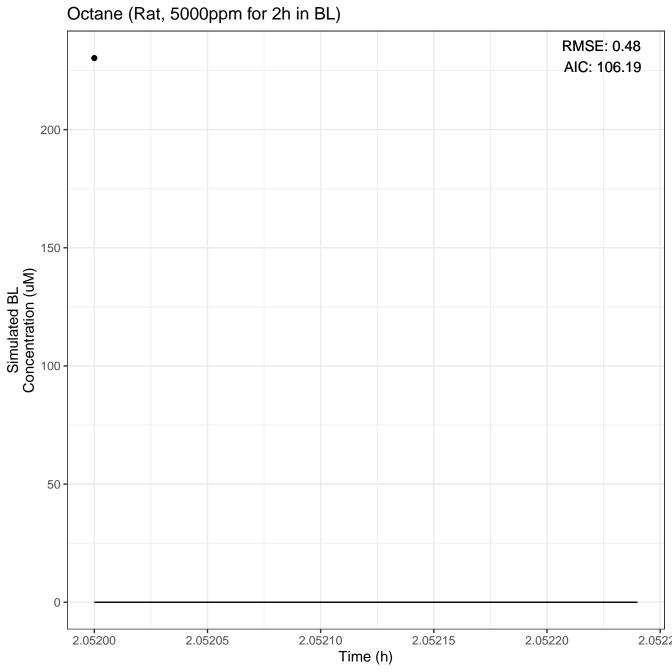


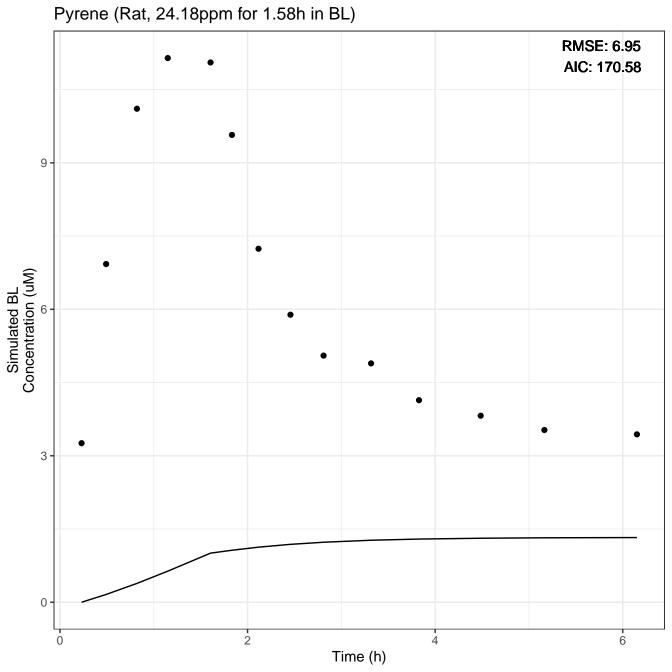


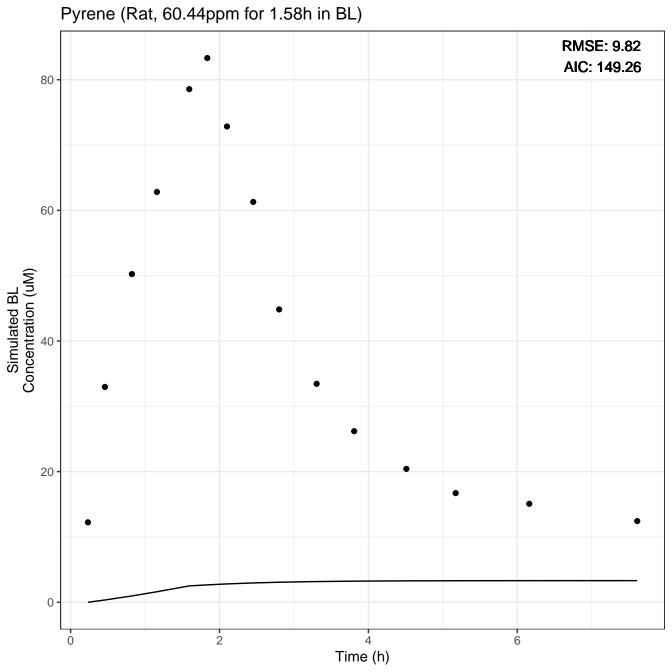


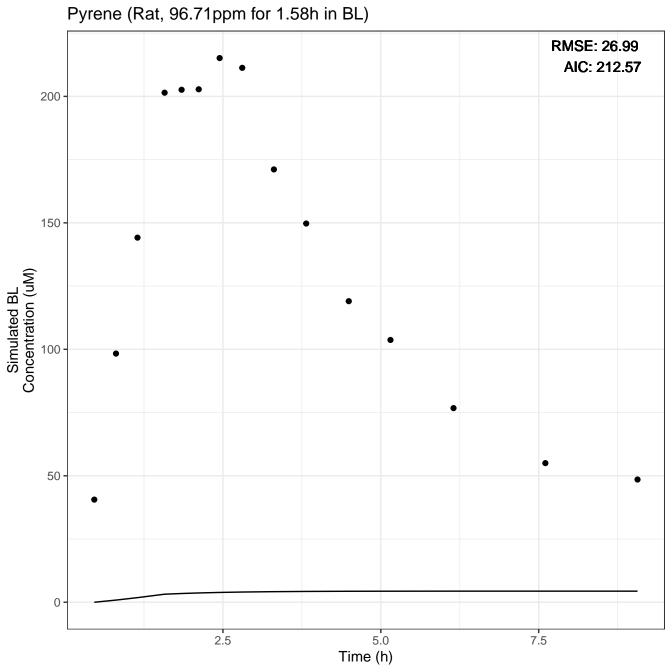


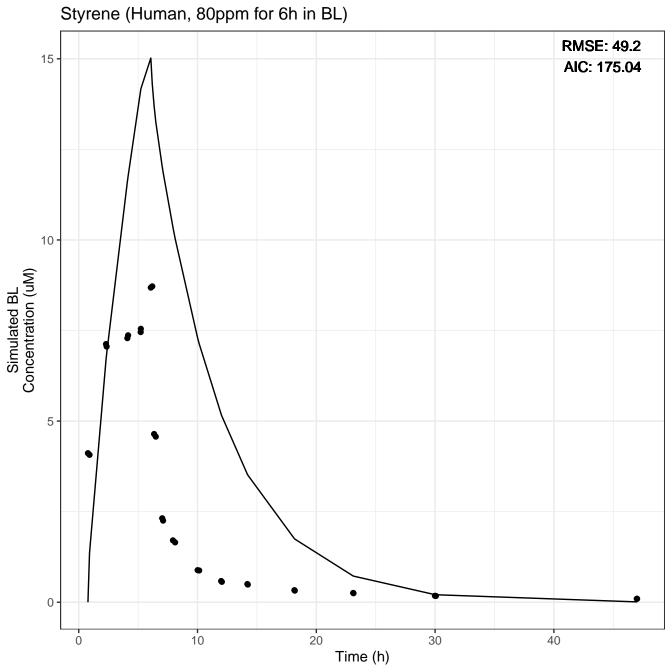




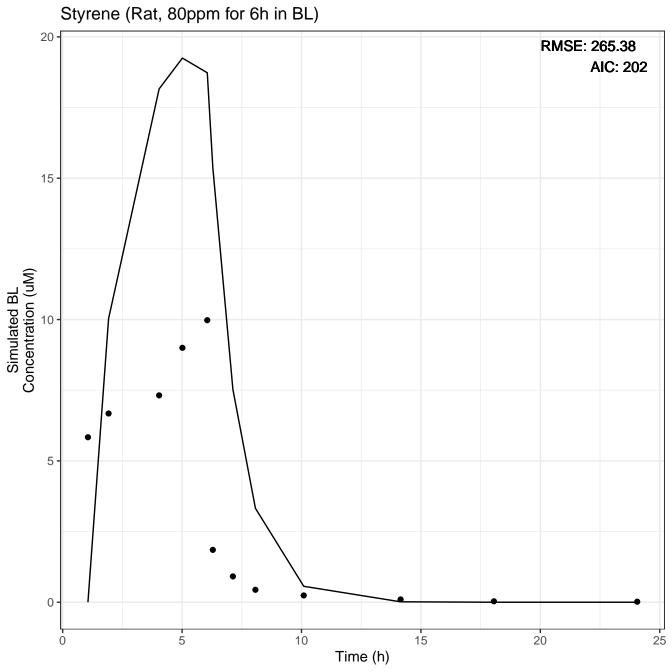


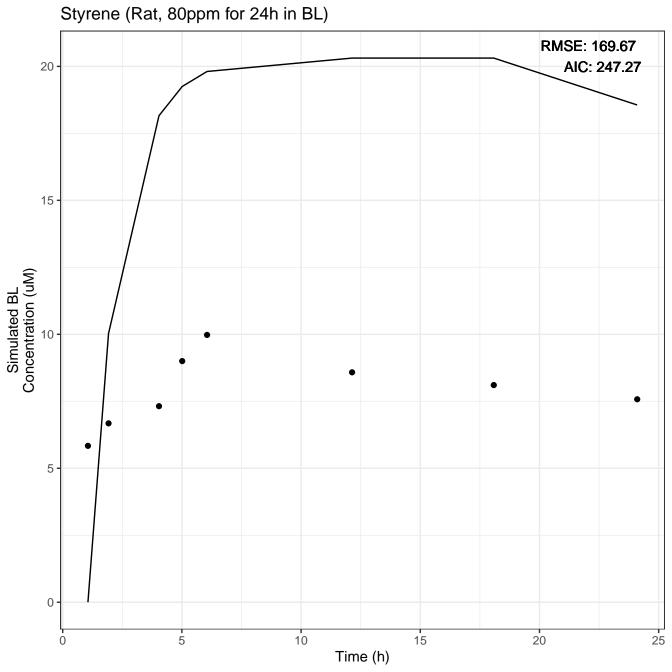


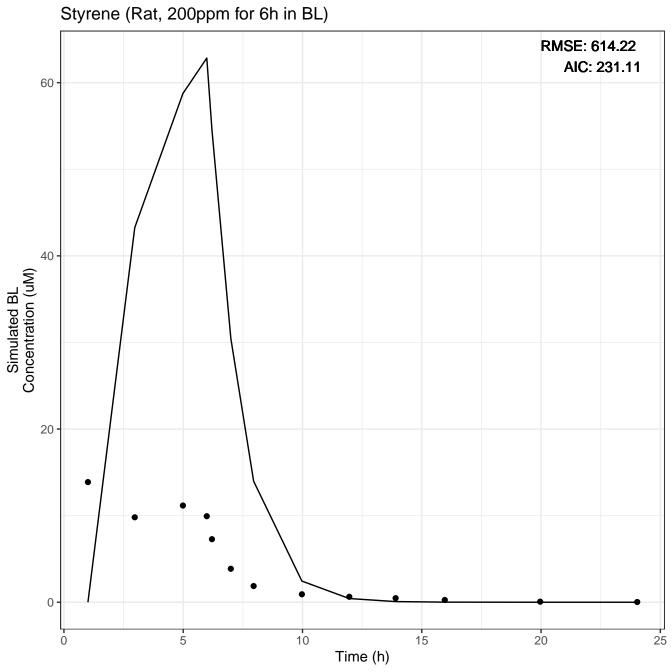


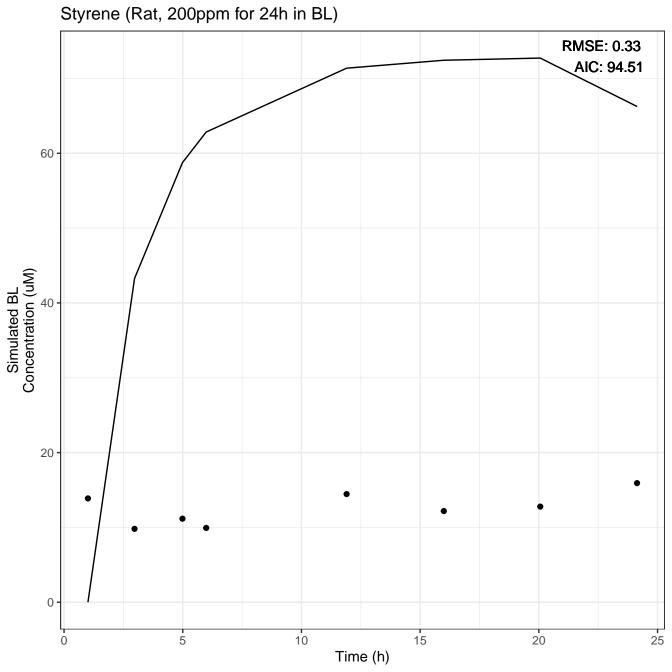


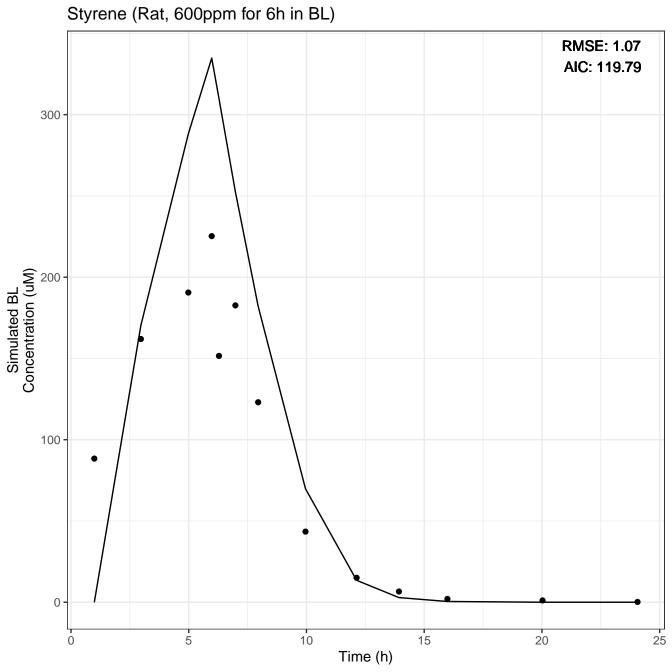
Styrene (Human, 80ppm for 6h in EB) RMSE: 69.92 1.00 AIC: 237.32 0.75 Simulated EB Concentration (ppm) 0.50 -0.25 0.00 20 10 30 40 Time (h)

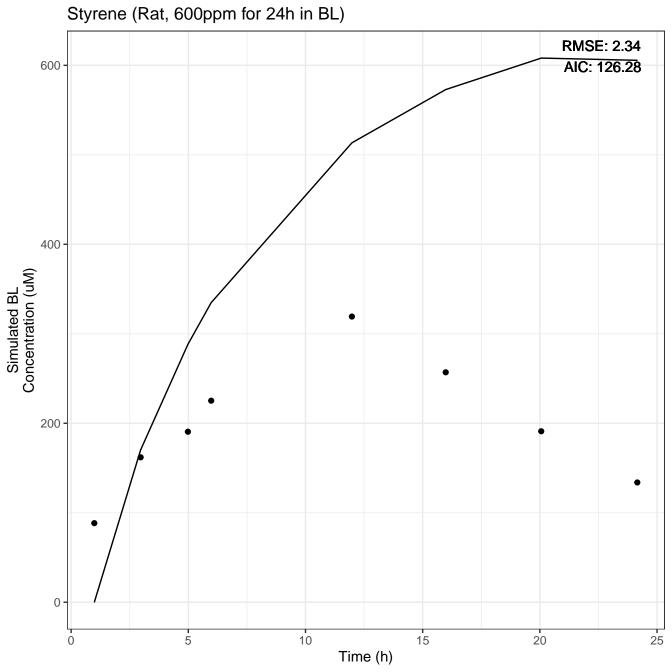


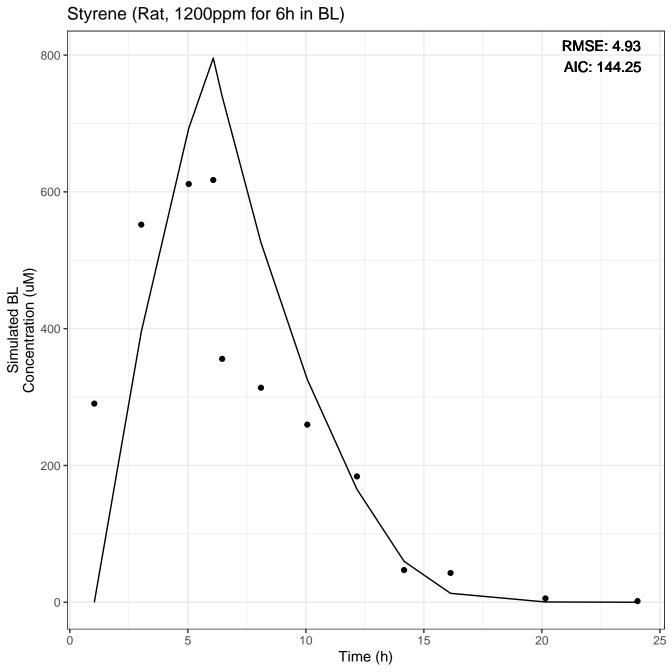


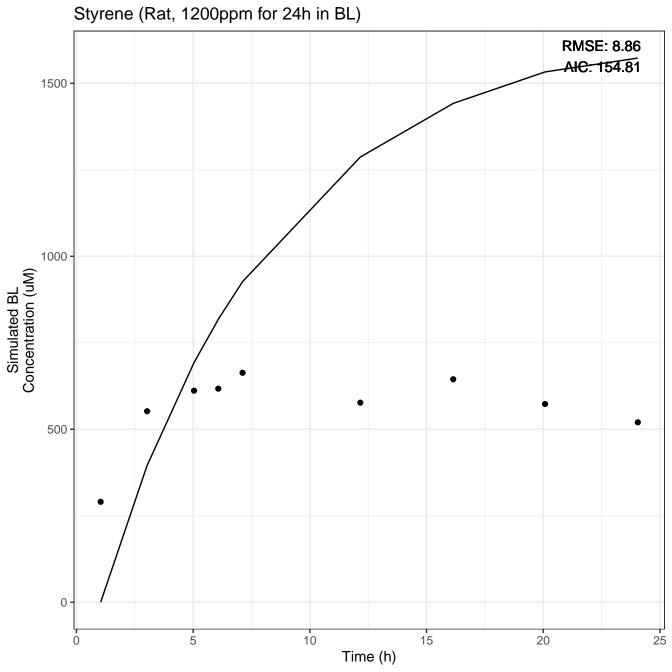






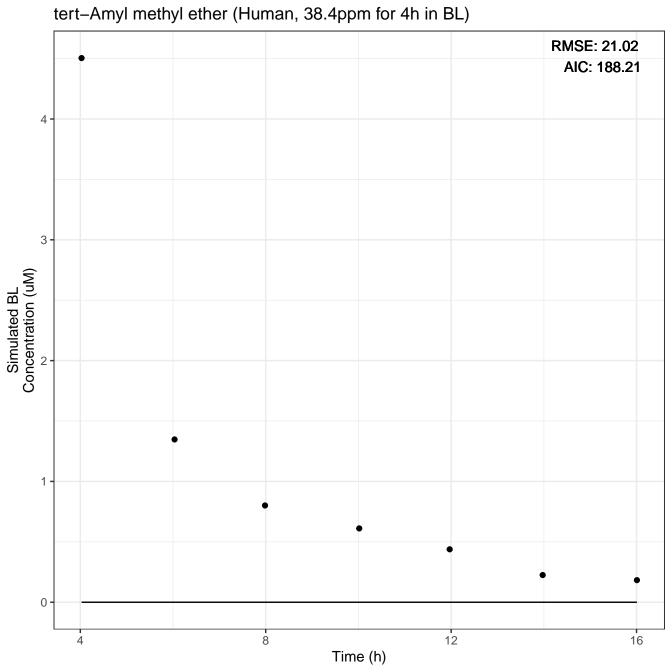


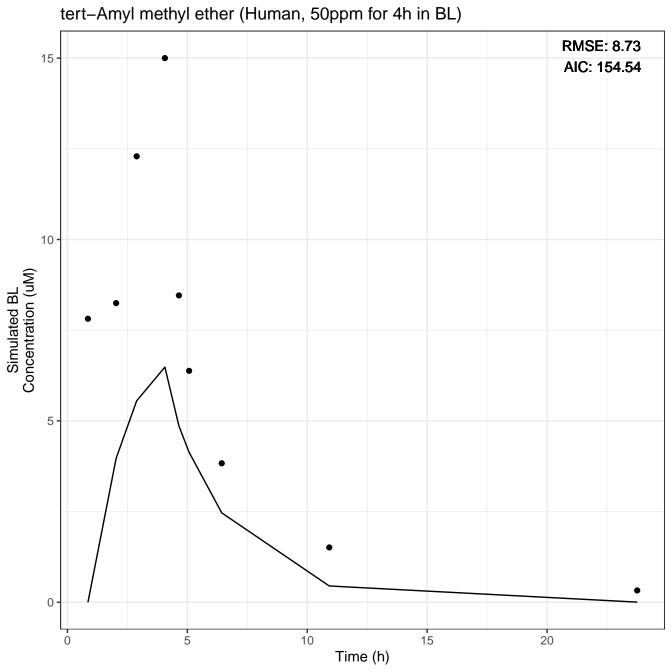




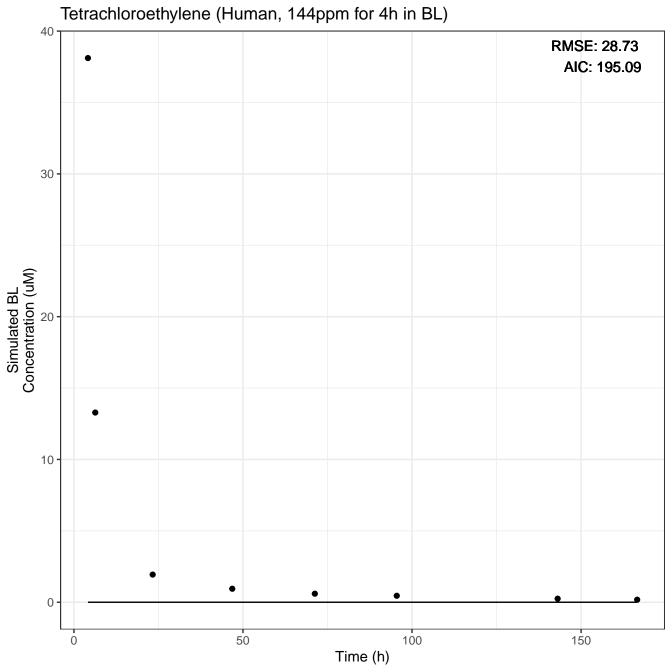
tert-Amyl methyl ether (Human, 3.8ppm for 4h in BL) RMSE: 18.52 0.6 -AIC: 168.08 0.4 -Simulated BL Concentration (uM) 0.2 -0.0 -12 8 16 Time (h)

tert-Amyl methyl ether (Human, 15ppm for 4h in BL) RMSE: 24.68 AIC: 173.25 4 3 -Simulated BL Concentration (uM) 1 0 -5 10 15 20 Ö Time (h)

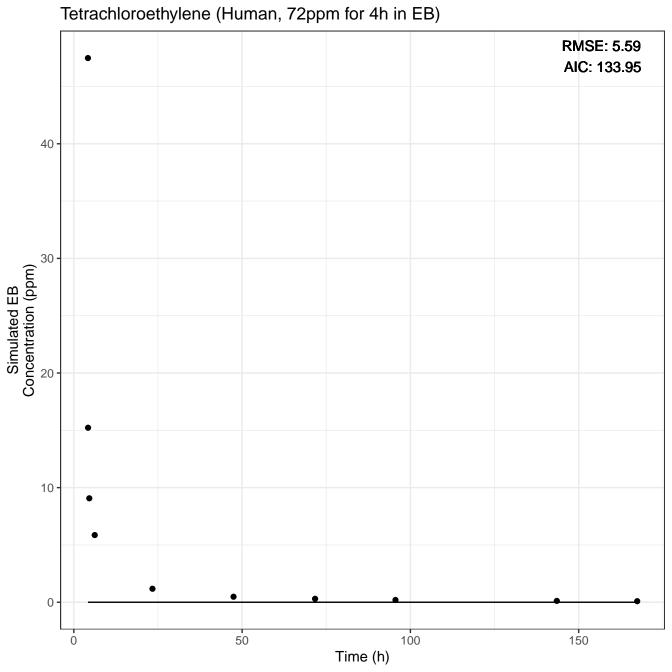


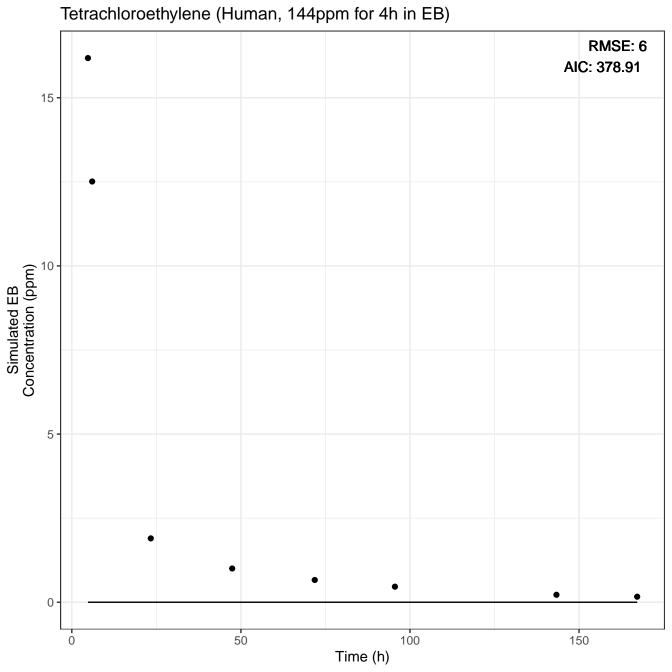


Tetrachloroethylene (Human, 72ppm for 4h in BL) **RMSE: 1.39** AIC: 114.45 15 -Simulated BL Concentration (uM) 5 0 -50 150 100 Time (h)

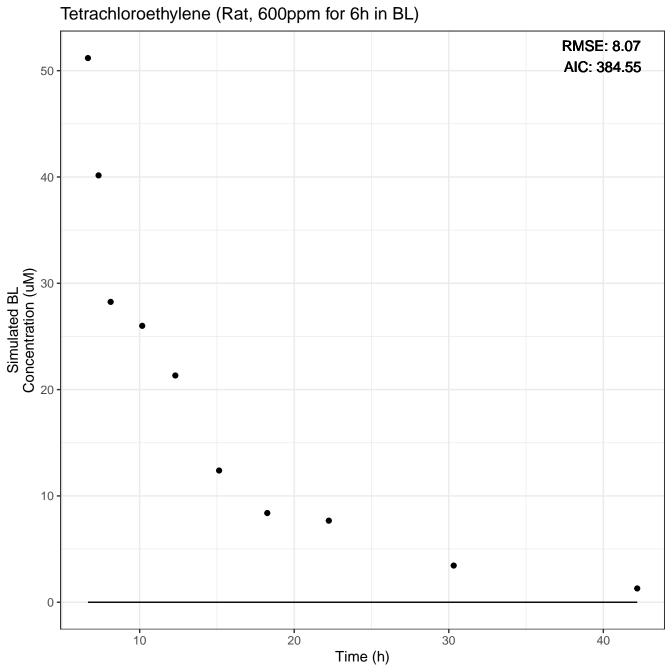


Tetrachloroethylene (Human, 142ppm for 4h in BL (+W)) RMSE: 64.28 50 AIC: 279.79 40 Simulated BL (+W)
Concentration (uM) 10-0 -50 100 150 Time (h)

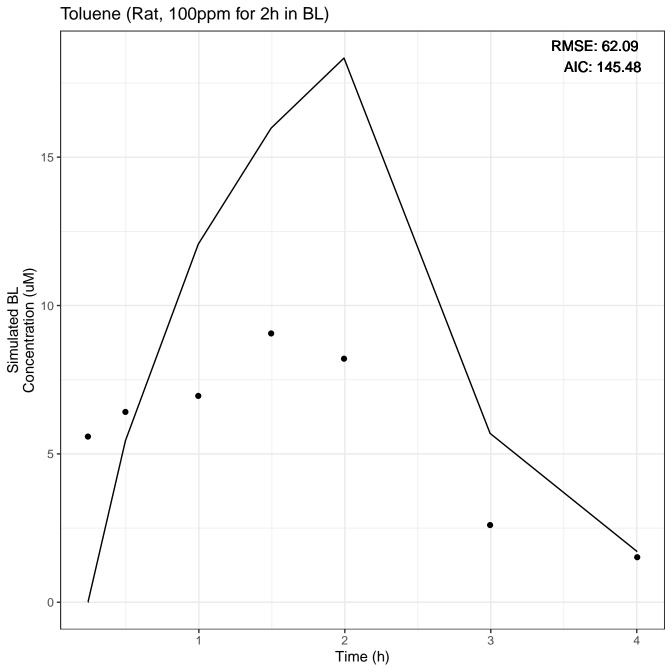


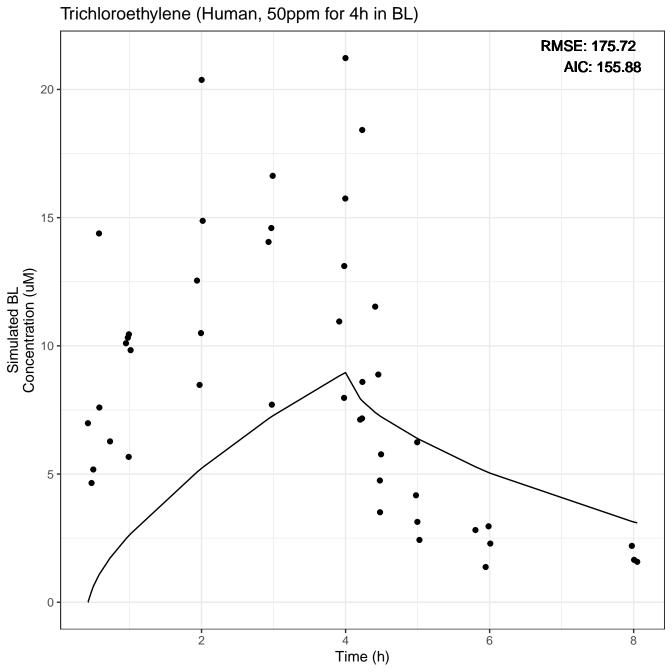


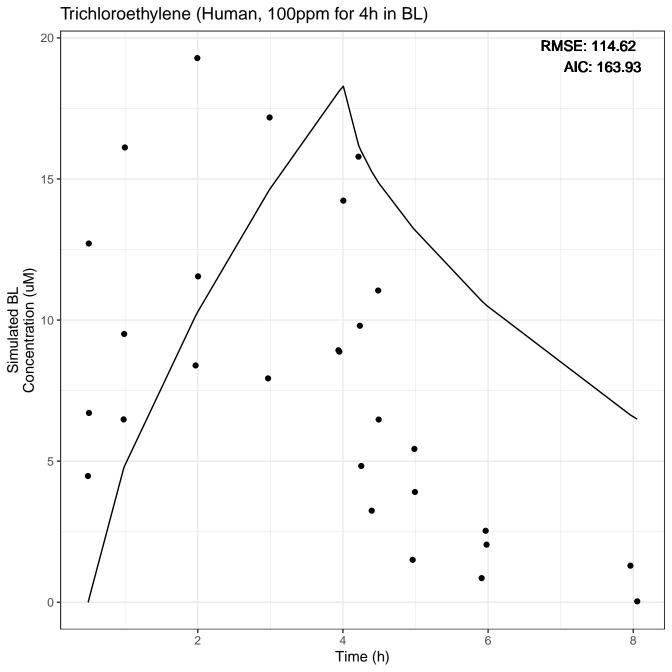
Tetrachloroethylene (Human, 142ppm for 4h in EB (+W)) RMSE: 7.74 AIC: 284.08 2.0 1.5 -Simulated EB (+W) Concentration (ppm) 0.5 0.0 -50 150 100 Time (h)



Tetrahydrofuran (Human, 150ppm for 4h in EB) RMSE: 5.67 AIC: 165.68 150 Simulated EB Concentration (ppm) 50 0 12 10 6 Time (h)

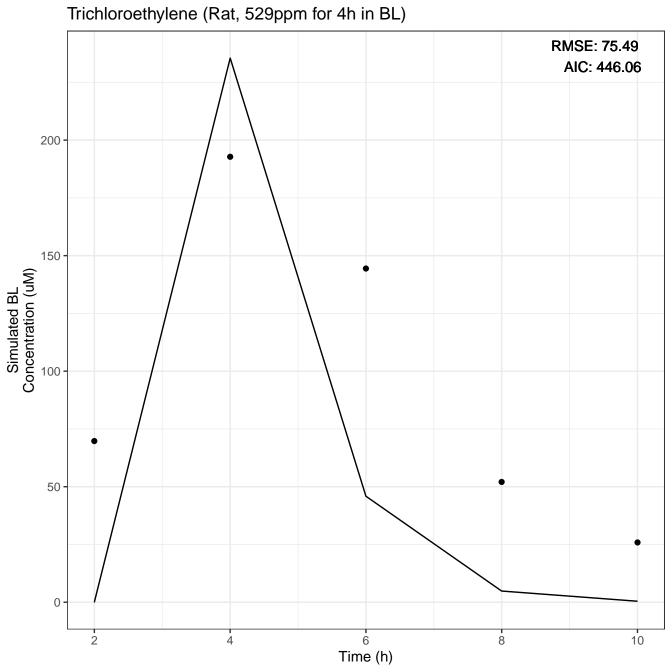


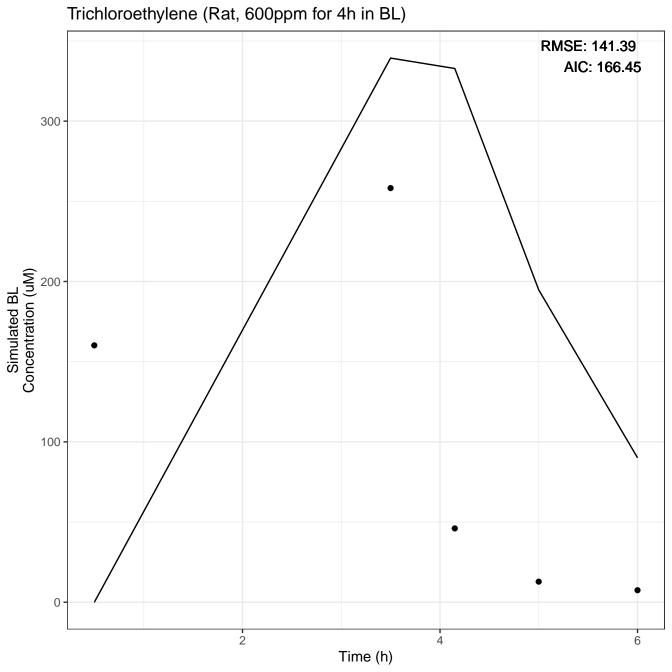




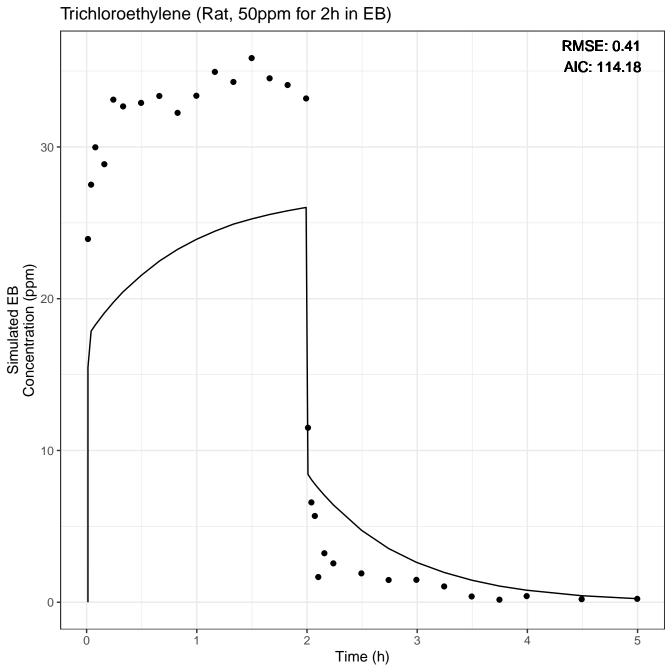
Trichloroethylene (Human, 100ppm for 4h in EB) RMSE: 8.52 25 AIC: 310.84 20 Simulated EB Concentration (ppm) 10 5 0 -16 12 8 Time (h)

Trichloroethylene (Rat, 100ppm for 4h in BL) RMSE: 16.03 AIC: 240.96 10 Simulated BL Concentration (uM) 5 0 -12 9 6 Time (h)

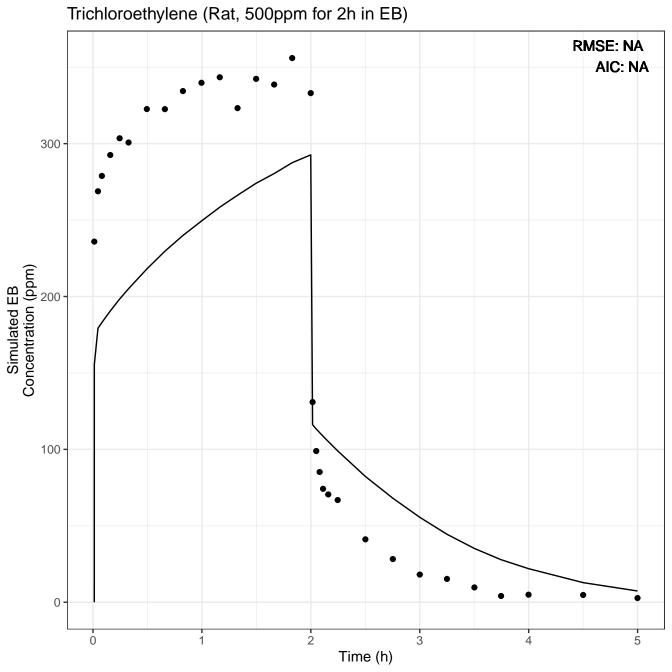


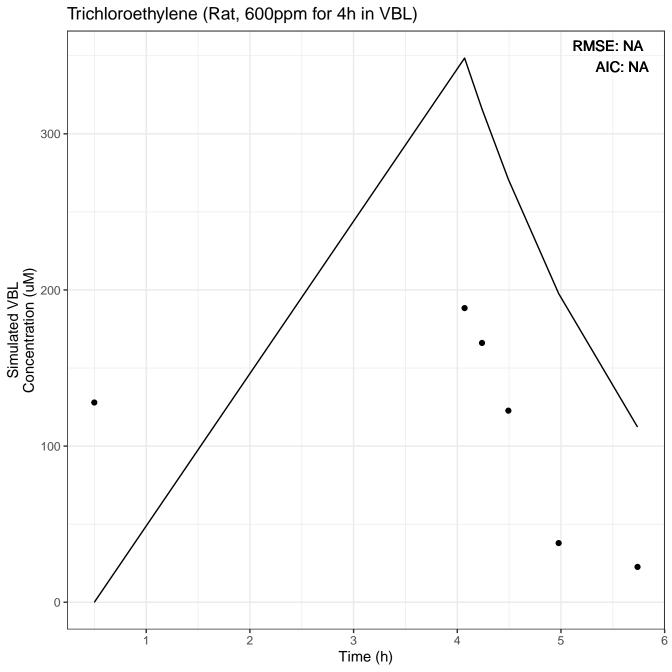


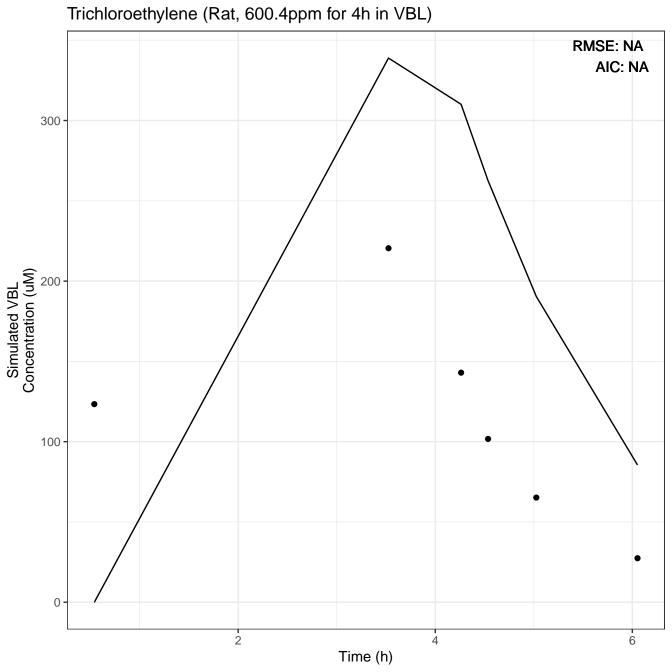
Trichloroethylene (Rat, 600.4ppm for 4h in BL) RMSE: 130.43 AIC: 165.48 150 Simulated BL Concentration (uM) 100 -50 0 5.5 5.0 4.5 6.0 Time (h)



Trichloroethylene (Rat, 100ppm for 4h in EB) **RMSE: 0.4** AIC: 114.23 40 Simulated EB Concentration (ppm) 20 -10 0 -12 6 9 Time (h)







Vinyl chloride (Human, 2.5ppm for 0.25h in EB) RMSE: NA 2.0 -AIC: NA 1.5 -Simulated EB Concentration (ppm) 1.0 0.5 0.0 0.1 0.2 0.3 0.0 Time (h)

Vinyl chloride (Human, 2.5ppm for 0.5h in EB) RMSE: NA AIC: NA 1.5 -Simulated EB Concentration (ppm) 1.0 -0.5 -0.0 0.2 0.4 0.6 0.0 Time (h)