

MS/MS Parameters of Pesticides

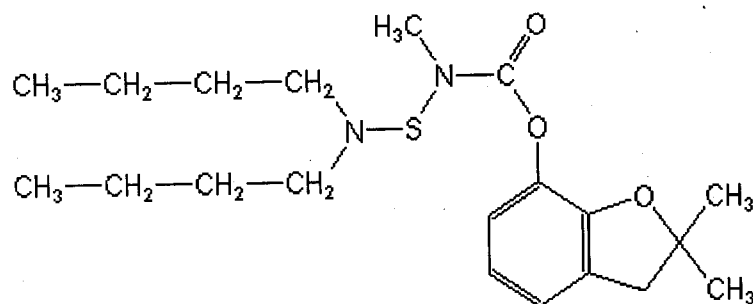
Analyte: Carbosulfan

CAS No.: 55285-14-8

Formula: C₂₀H₃₂N₂O₃S

Molecular mass (lowest isotopes): 380,21 amu

Structure:



Ionisation: ESI +

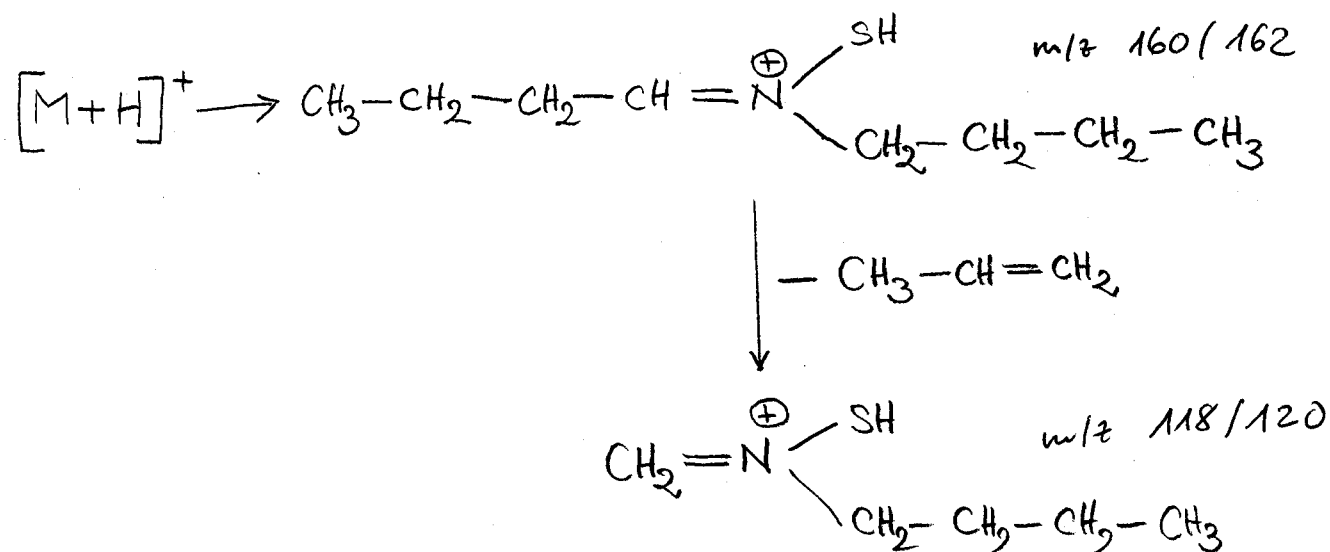
Quasimolecular ion: 381,2 amu = [M+H]⁺

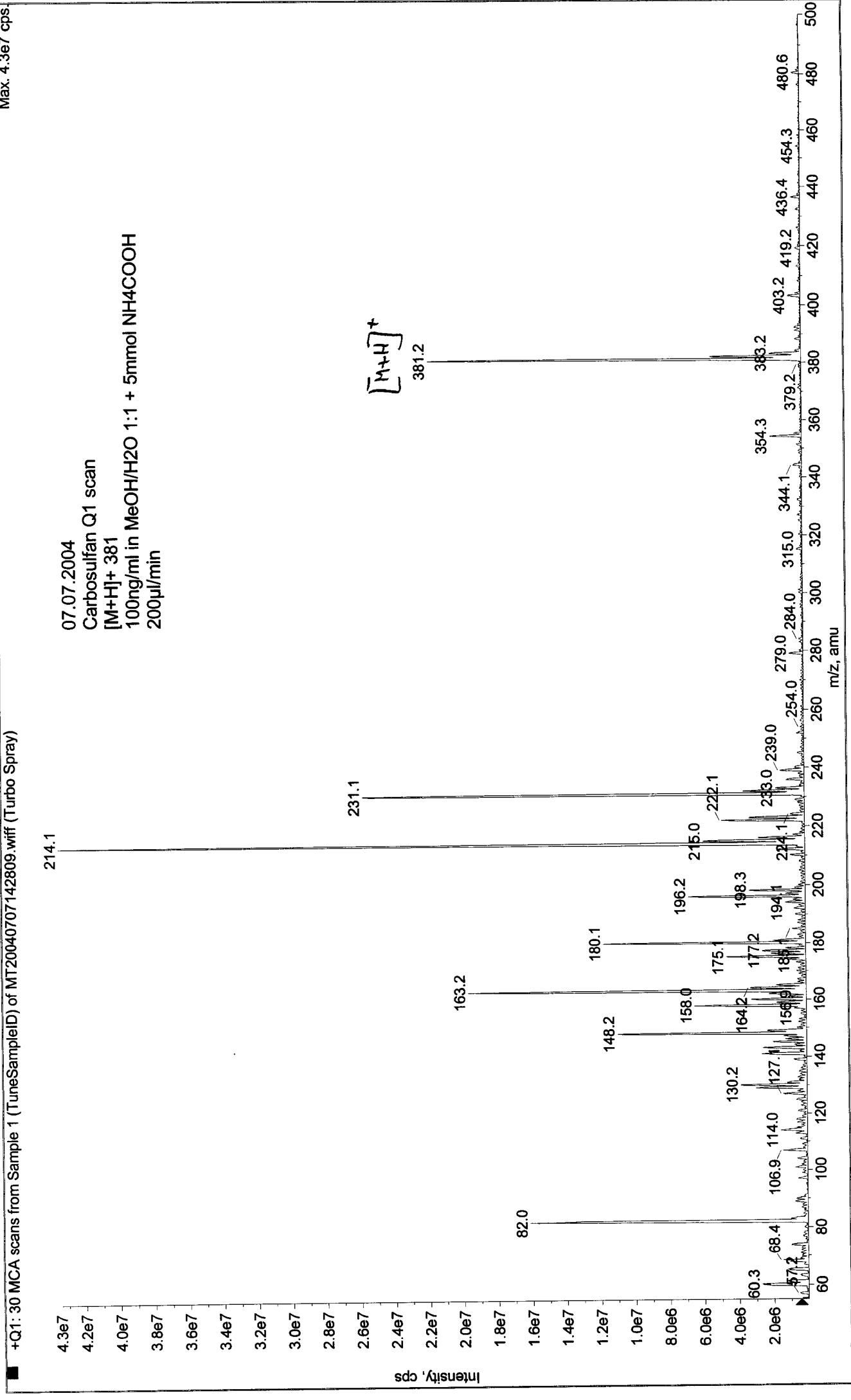
Analyte sensitive parameter set (API 2000)

Transition	381,2 → 118,1	381,2 → 160,2
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	370 V	350 V
Entrance potential (EP)	8,5 V	8,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	25 V	21 V
Collision cell exit potential (CXP)	6 V	8 V

^{*)} For API 3000 and 4000 enhance DP by 20V

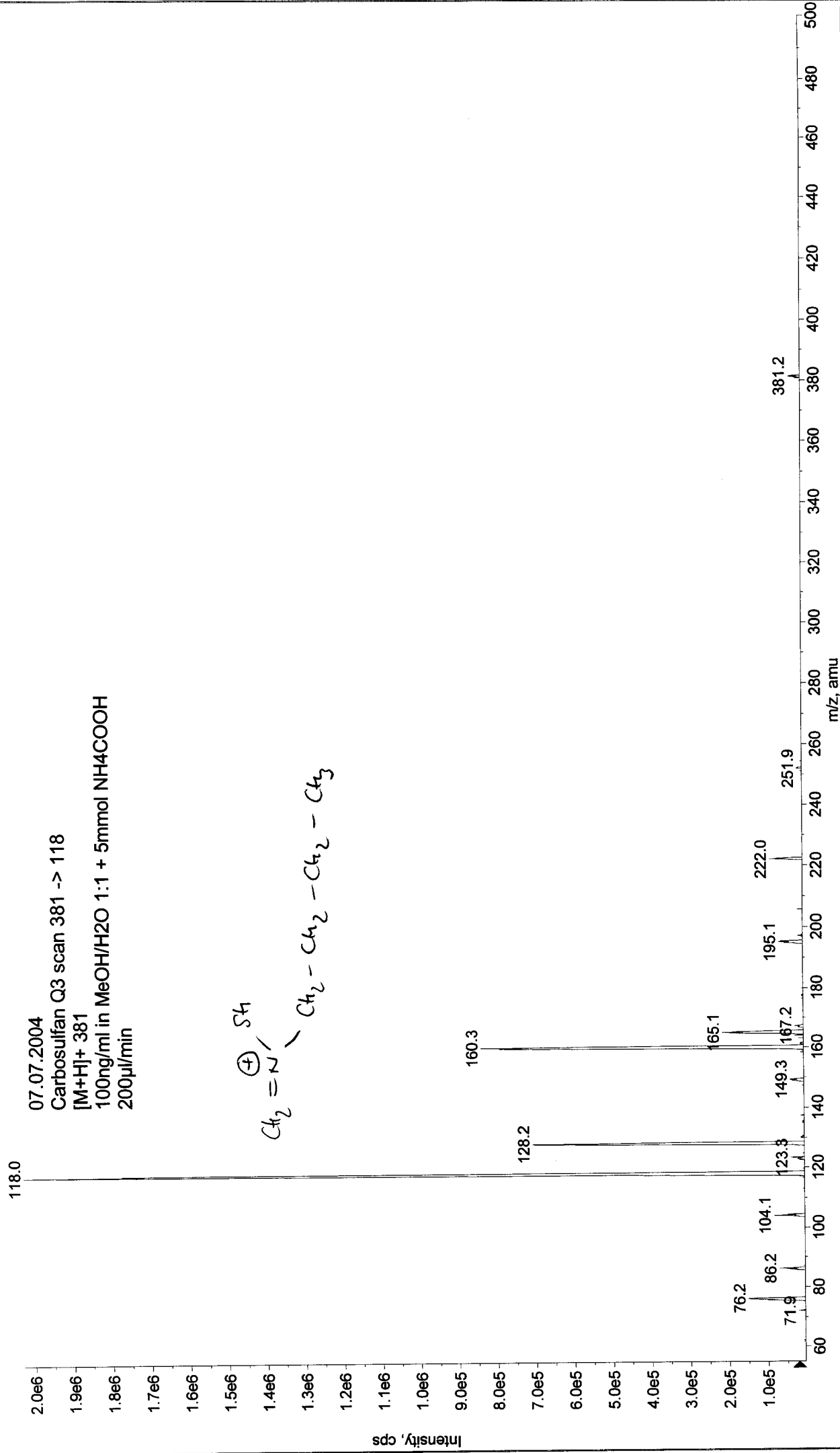
Fragmentation

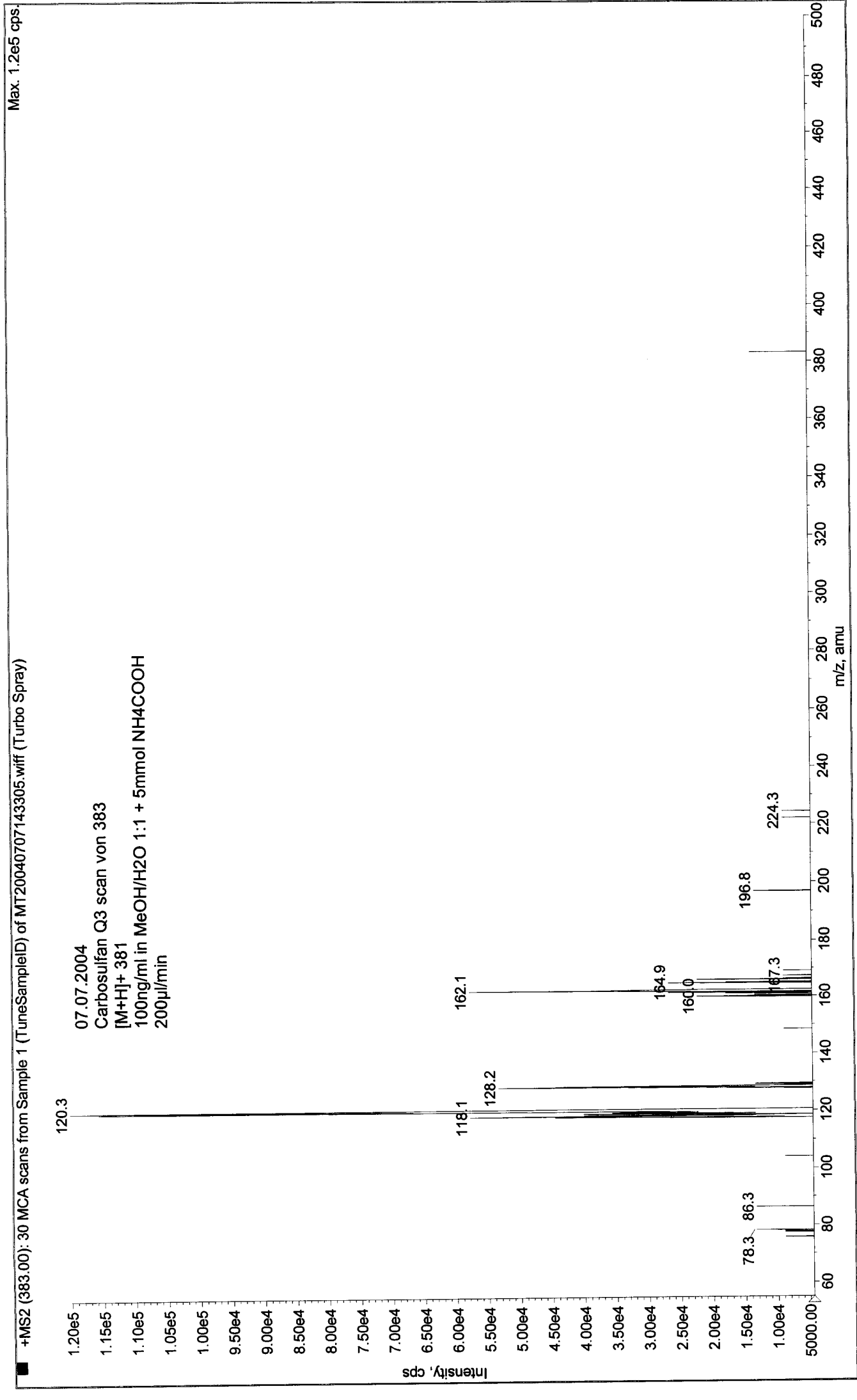




Max. 2.0e6 cps

+MS2 (381.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040707143052.wiff (Turbo Spray)





+MS2 (381.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040707144308.wiff (Turbo Spray) Max. 1.3e6 cps.

