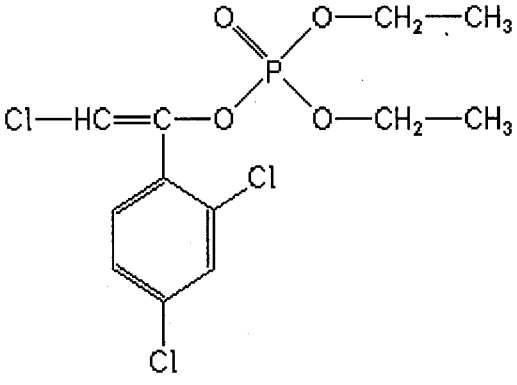
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Chlorfenvinphos

CAS No.: 470-90-6
Formula: C12H14Cl3O4P
Molecular mass (lowest isotopes): 357,97 amu

Structure:



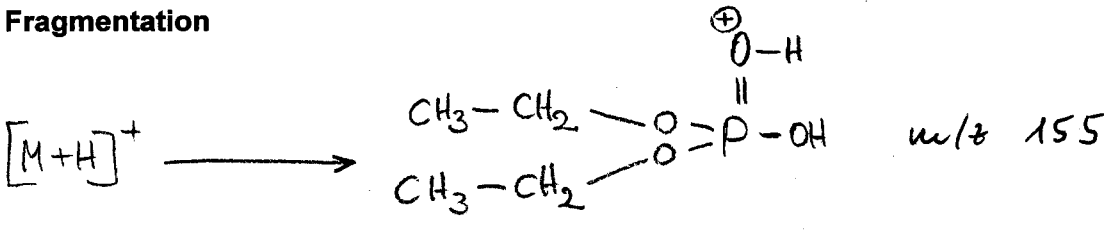
Ionisation: ESI + Quasimolecular ion: 358,9 amu = [M+H]+

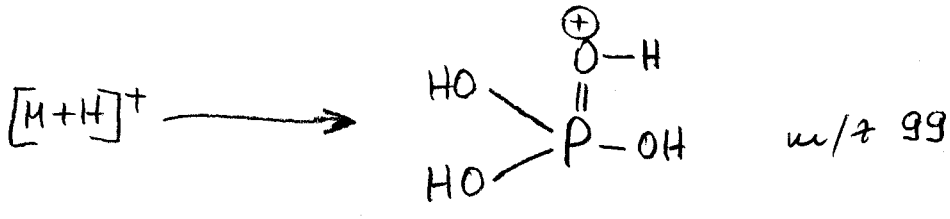
Analyte sensitive parameter set (API 2000)

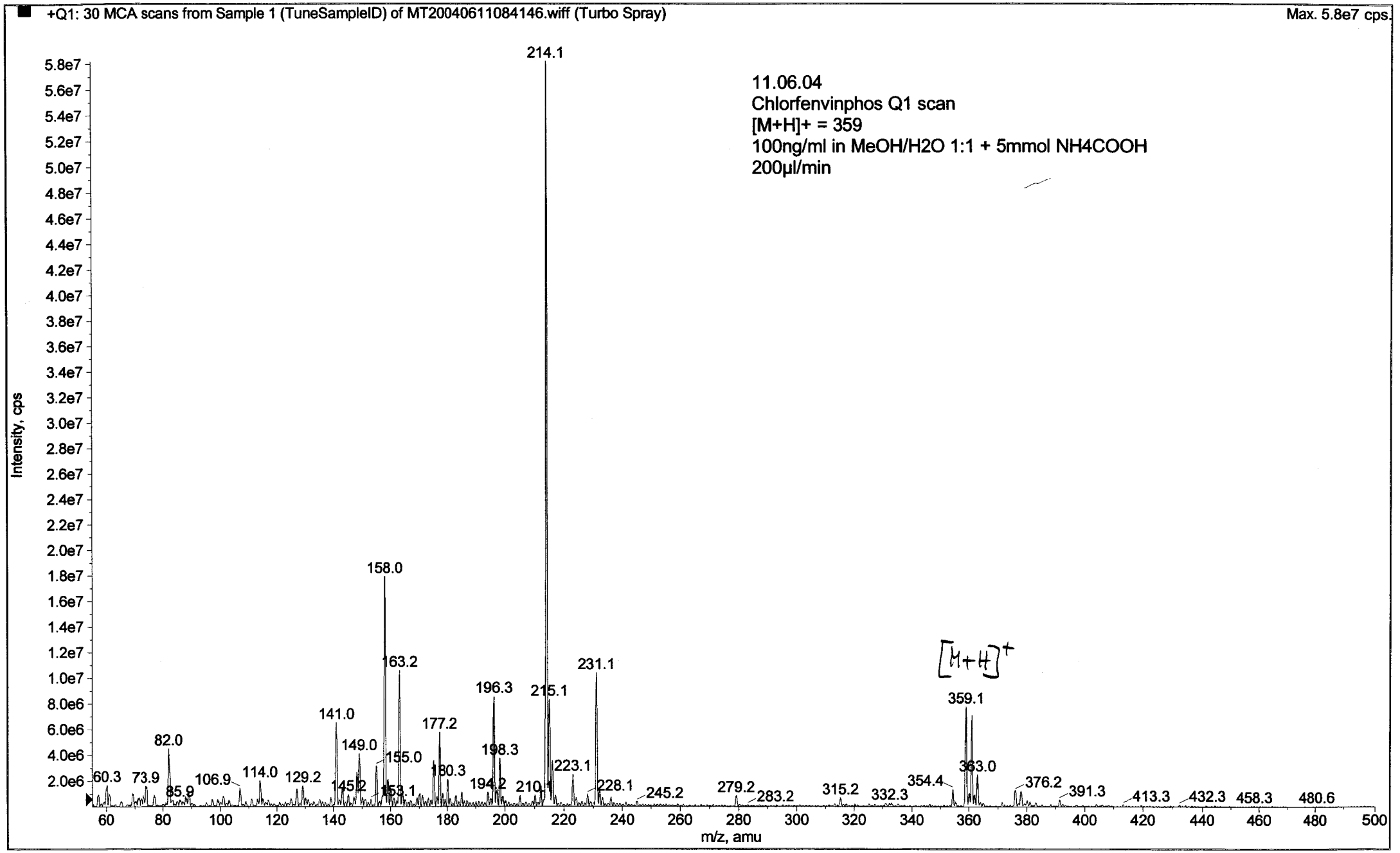
Transition	358,9 → 155,0	358,9 → 99,2
Declustering potential (DP)*)	34 V	34 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,0 V	10,5 V
Collision cell entrance potential (CEP)	24 V	22 V
Collision energy (CE)	19 V	43 V
Collision cell exit potential (CXP)	8 V	4 V

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

Fragmentation






+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040611084146.wiff (Turbo Spray)
Max. 5.8e7 cps.
11.06.04
Chlorfenvinphos Q1 scan
[M+H]+ = 359
100ng/ml in MeOH/H2O 1:1 + 5mmol NH4COOH
200µl/min
[M+H]+
Intensity, cps
m/z, amu

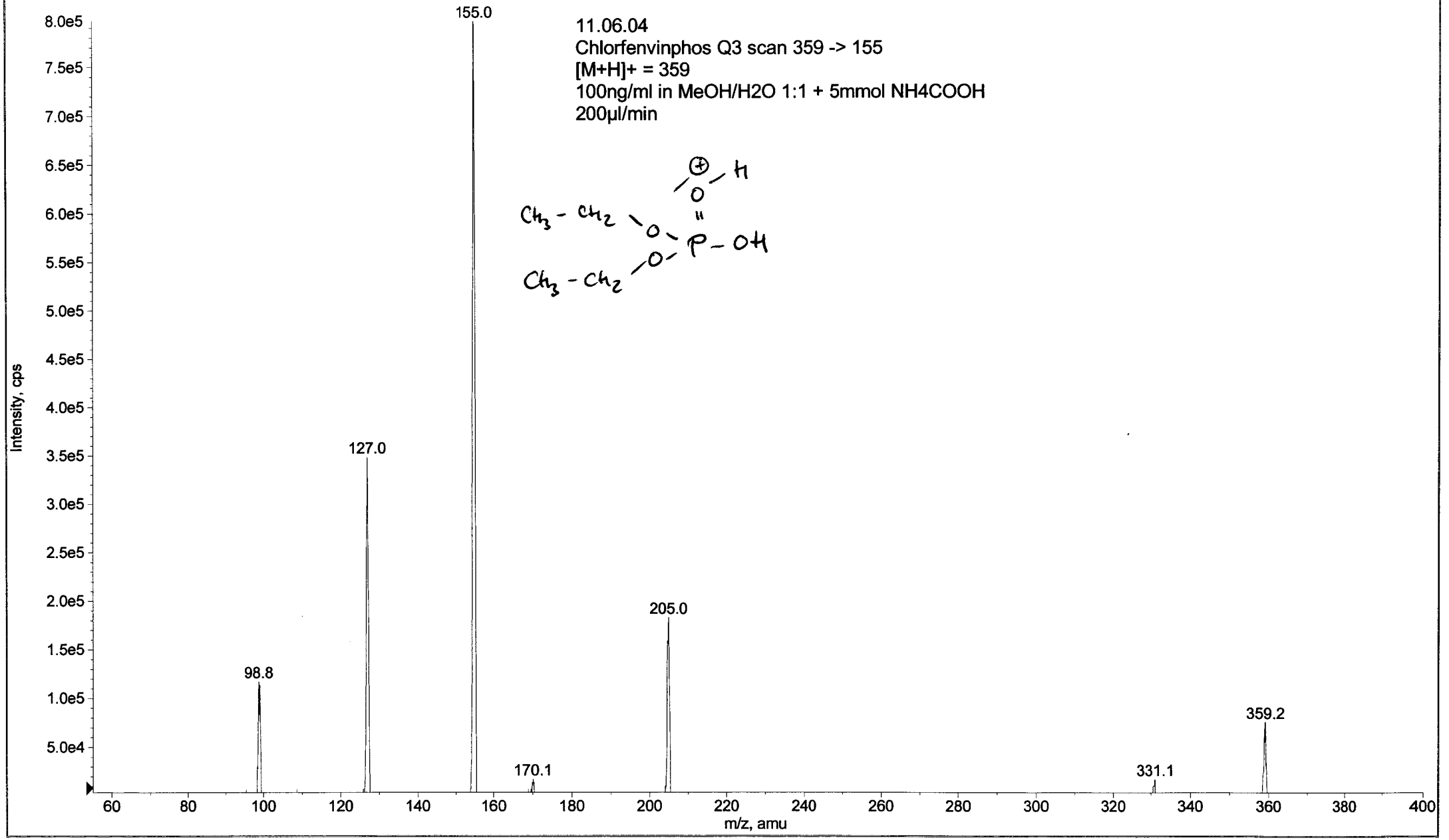
Printing Time: 8:46:05
Printing Date: Friday, June 11, 2004

Acq Time: 08:44
Acq ate: Friday, June 11, 2004
Acq. File: MT20040611084438.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

+MS2 (359.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040611084438.wiff (Turbo Spray)

Max. 8.0e5 cps.



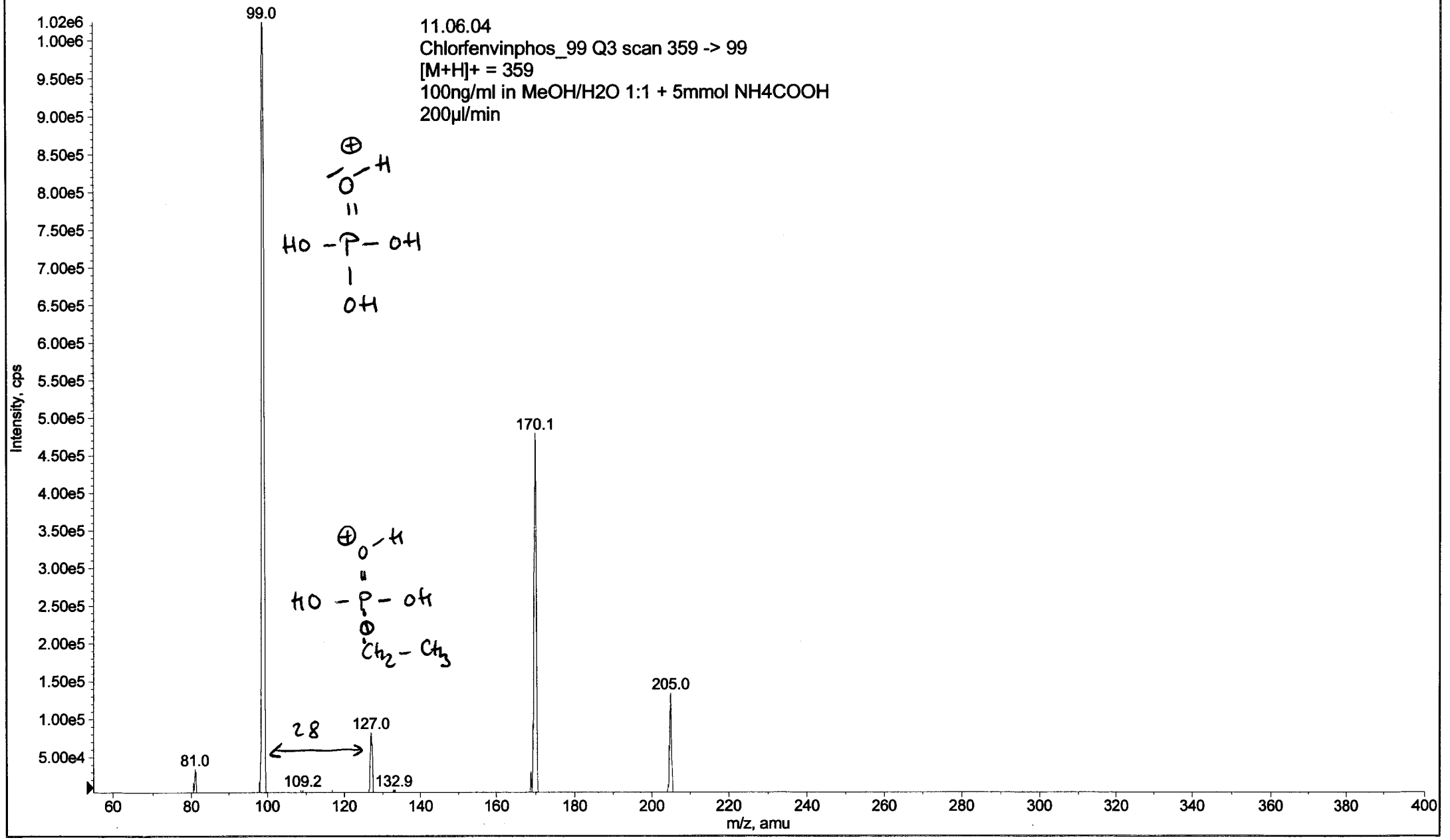
Printing Time: 8:58:59
Printing Date: Friday, June 11, 2004

Acq. Time: 08:56
Acq. Date: Friday, June 11, 2004
Acq. File: MT20040611085647.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

+MS2 (359.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040611085647.wiff (Turbo Spray)

Max. 1.0e6 cps.



Printing Time: 14:41:32
Printing Date: Thursday, June 10, 2004

Acq. Time: 14:40
Acq. Date: Thursday, June 10, 2004
Acq. File: MT20040610144023.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat