BfR

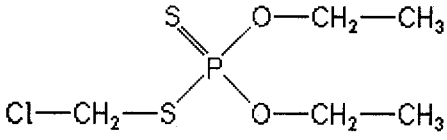
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Chlormephos

CAS No.: 24934-91-6
Formula: C5H12ClO2PS2
Molecular mass (lowest isotopes): 233,97 amu

Structure:



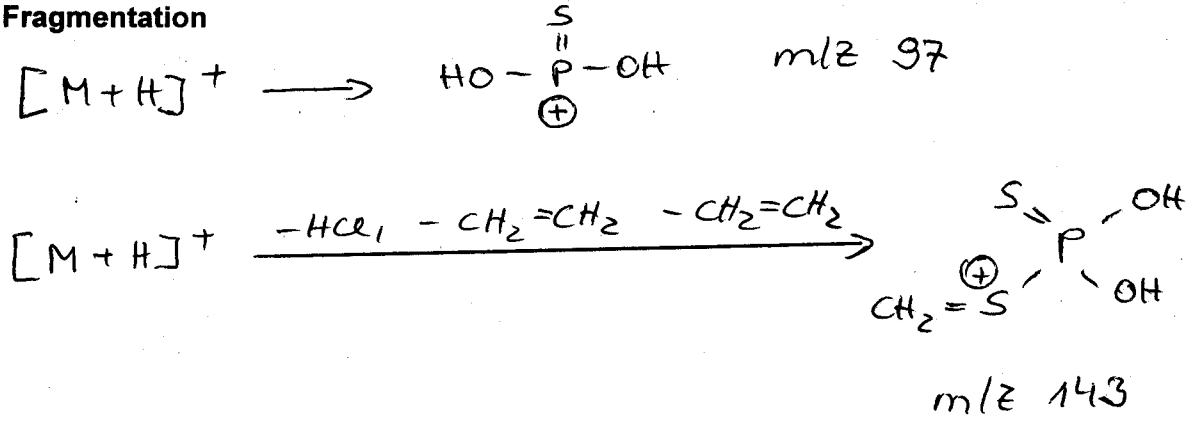
Ionisation: ESI + Quasimolecular ion: 234,9 amu = [M+H]+

Analyte sensitive parameter set (API 2000)

Transition	234,9 → 97,0	234,9 → 143,0
Declustering potential (DP)*)	34V	34 V
Focusing potential (FP)	370 V	340 V
Entrance potential (EP)	10,0 V	9,5 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	33 V	19 V
Collision cell exit potential (CXP)	4 V	6 V

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

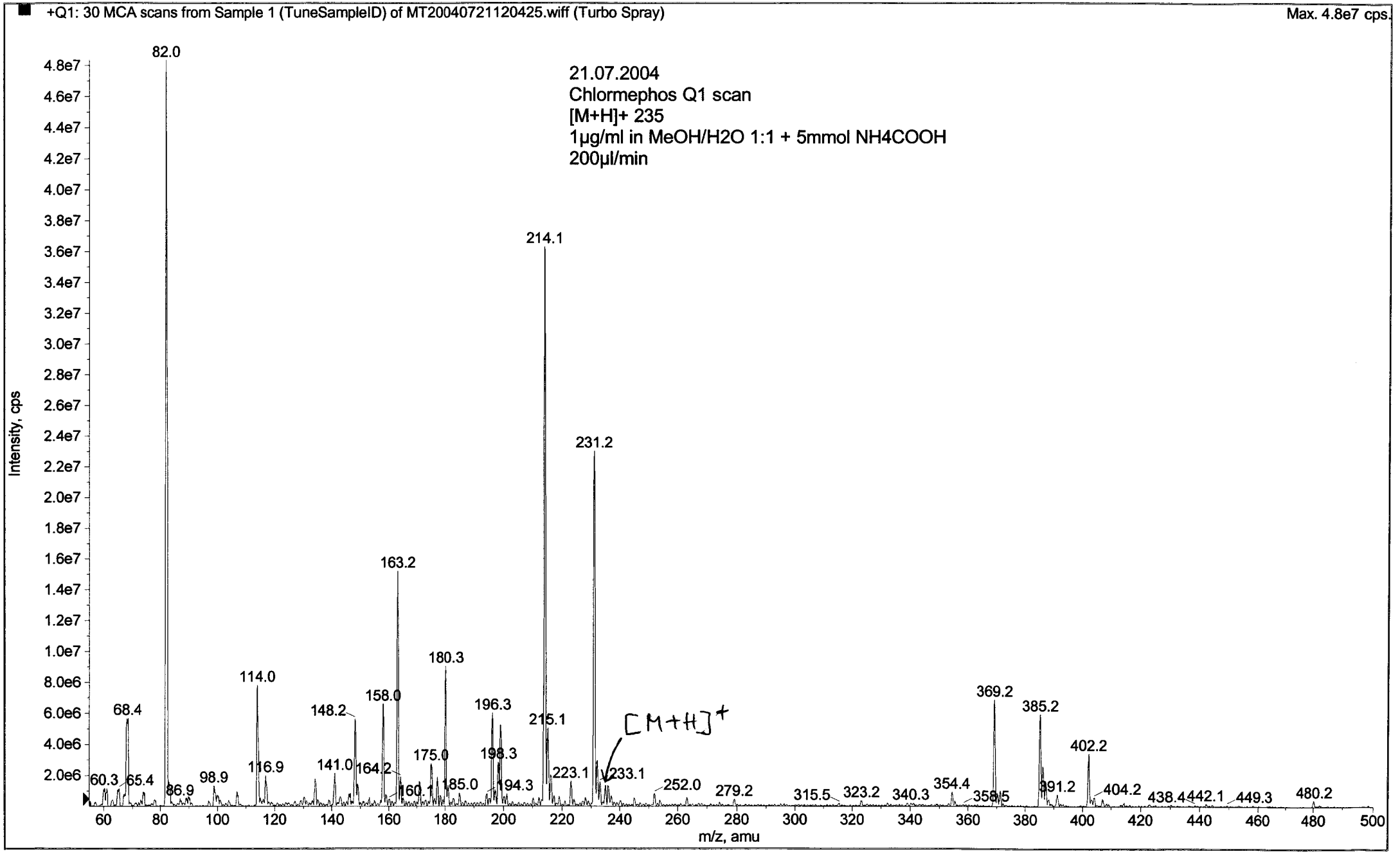
Fragmentation



Printing Time: 12:06:38
Printing Date: Wednesday, July 21, 2004

Acq. Time: 12:04
Acq. Date: Wednesday, July 21, 2004
Acq. File: MT20040721120425.wiff

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



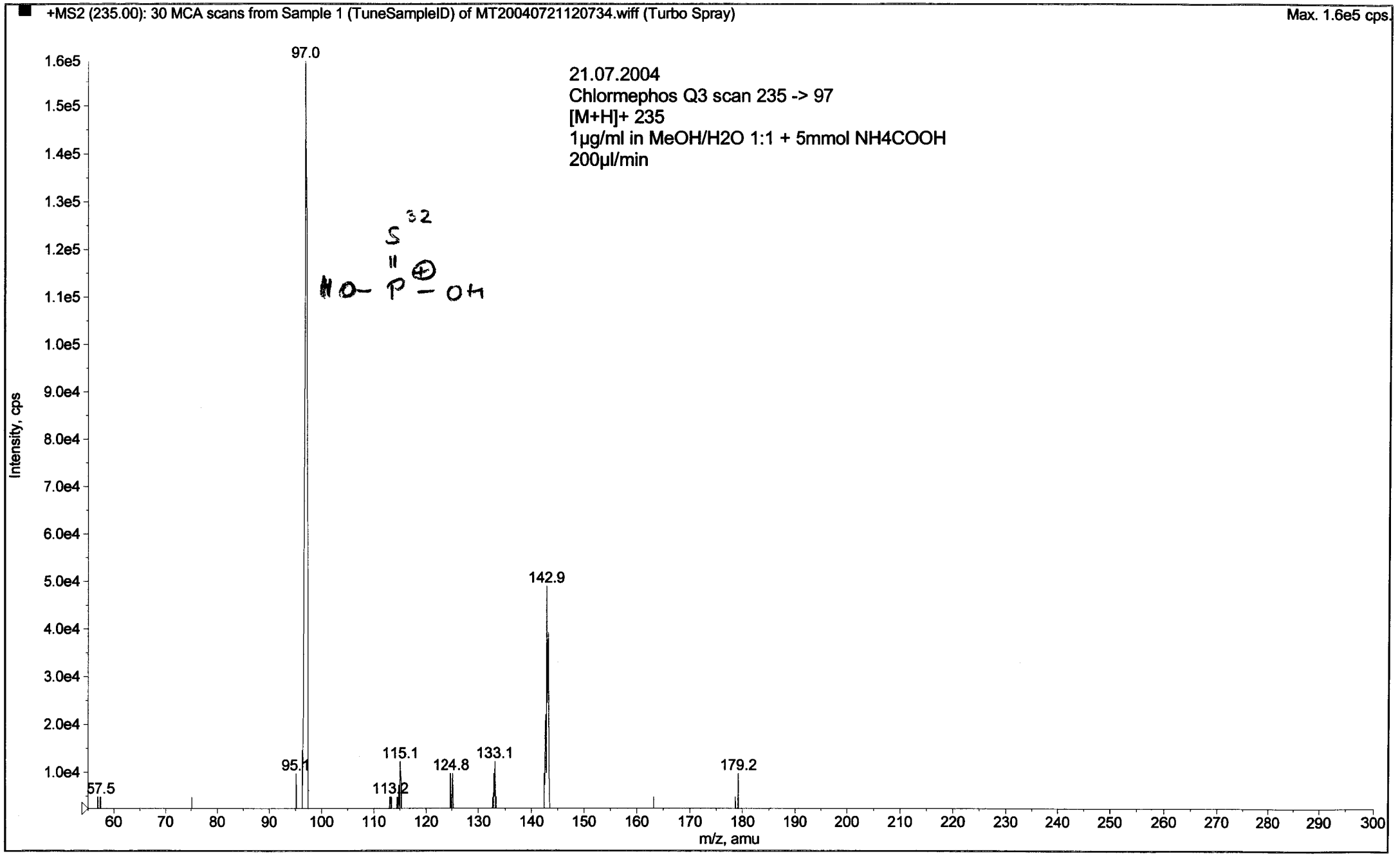
Printing Time: 12:08:37
Printing Date: Wednesday, July 21, 2004

Acq. Time: 12:07
Acq. Date: Wednesday, July 21, 2004
Acq. File: MT20040721120734.wiff

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

+MS2 (235.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040721120734.wiff (Turbo Spray)

Max. 1.6e5 cps.



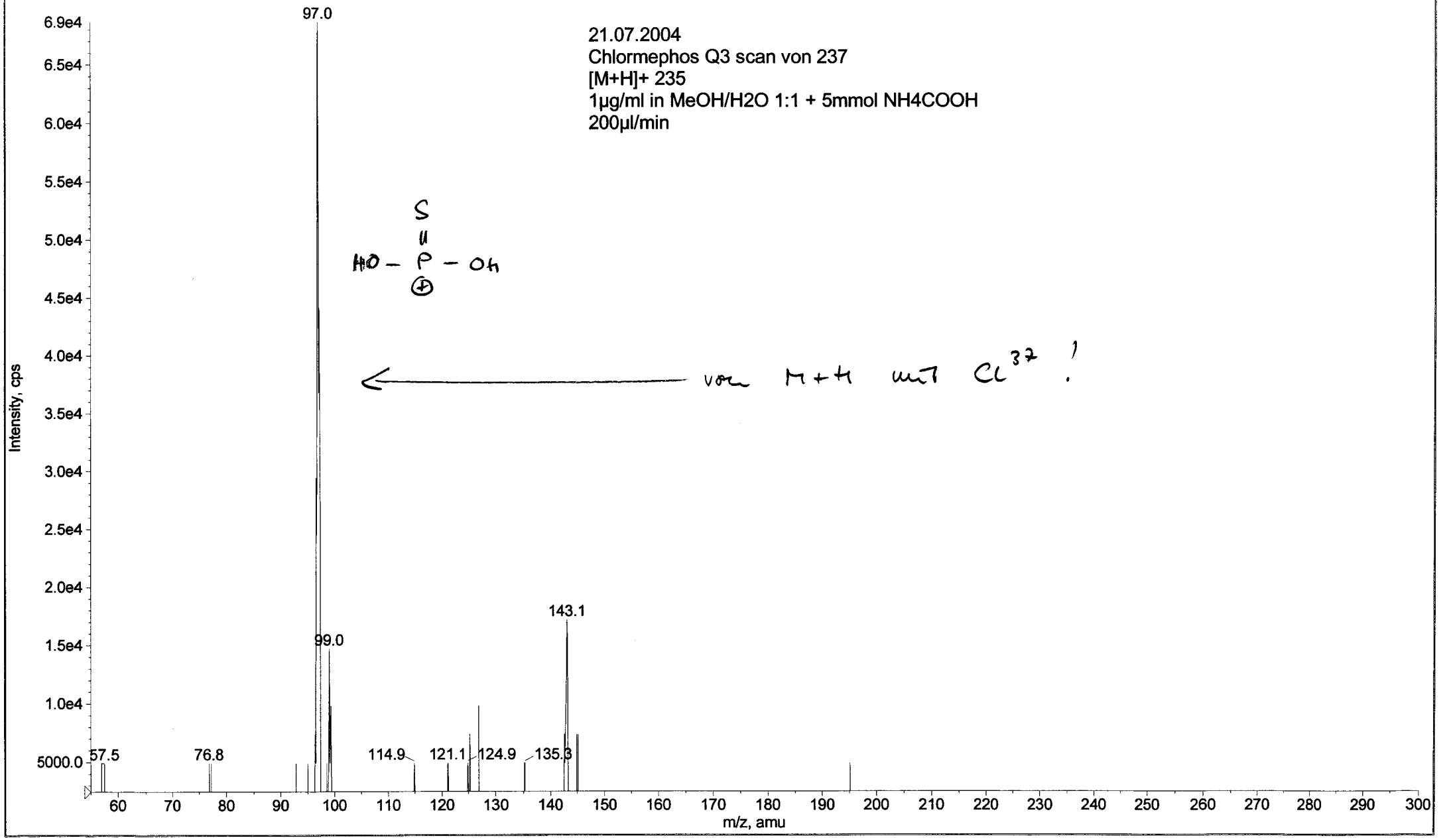
Printing Time: 12:09:44
Printing Date: Wednesday, July 21, 2004

Acq. Time: 12:08
Acq. Date: Wednesday, July 21, 2004
Acq. File: MT20040721120850.wiff

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

+MS2 (237.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040721120850.wiff (Turbo Spray)

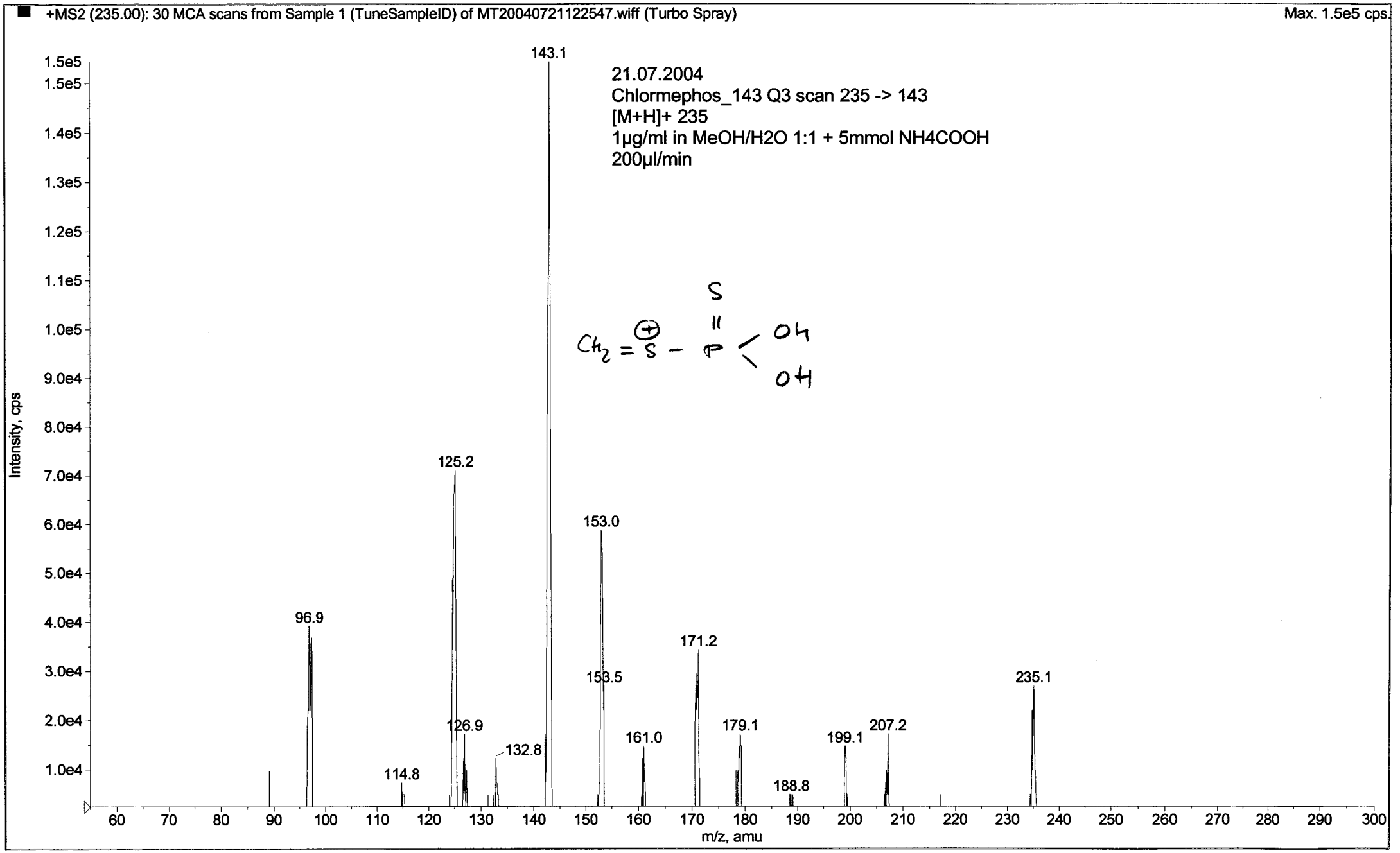
Max. 6.9e4 cps.



Printing Time: 12:26:47
Printing Date: Wednesday, July 21, 2004

Acq. Time: 12:25
Acq. Date: Wednesday, July 21, 2004
Acq. File: MT20040721122547.wiff

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



Printing Time: 12:27:53
Printing Date: Wednesday, July 21, 2004

Acq. Time: 12:27
Acq. Date: Wednesday, July 21, 2004
Acq. File: MT20040721122659.wiff

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