User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 10:19:53

Sample: AE04514
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 10:19 Ended: 4/4/02 10:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		5.0

Comments for Sample AE04514 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 10:20:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\4514.D Vial: 59
Acq On : 27 Mar 2002 9:40 pm Operator: McLean
Sample : SAMPLE 4514 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:40:07 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1160486	20.00	ug/L	0.00
10) Naphthalene-d8	13.02	136	3690997	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2056920	20.00	ug/L	0.00
29) Phenanthrene-d10	22.49	188	2944679	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	2204604	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1065889	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	162987	4.64	ug/L	0.00
Spiked Amount 5.000			Recovery = 92.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	0.00	146	0	N.D.		
5) 1,4 - Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2 - Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2 ' - oxybis (1-Chloropr	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	0.00	149	0	N.D.		
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo (a) antracene	0.00	228	0	N.D.	d	
42) Bis (2-ethylhexyl) phthala	0.00	149	0	N.D.		
43) Chrysene	0.00	228	0	N.D.	d	
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\4514.D Vial: 59
Acq On : 27 Mar 2002 9:40 pm Operator: McLean
Sample : SAMPLE 4514 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:40:07 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

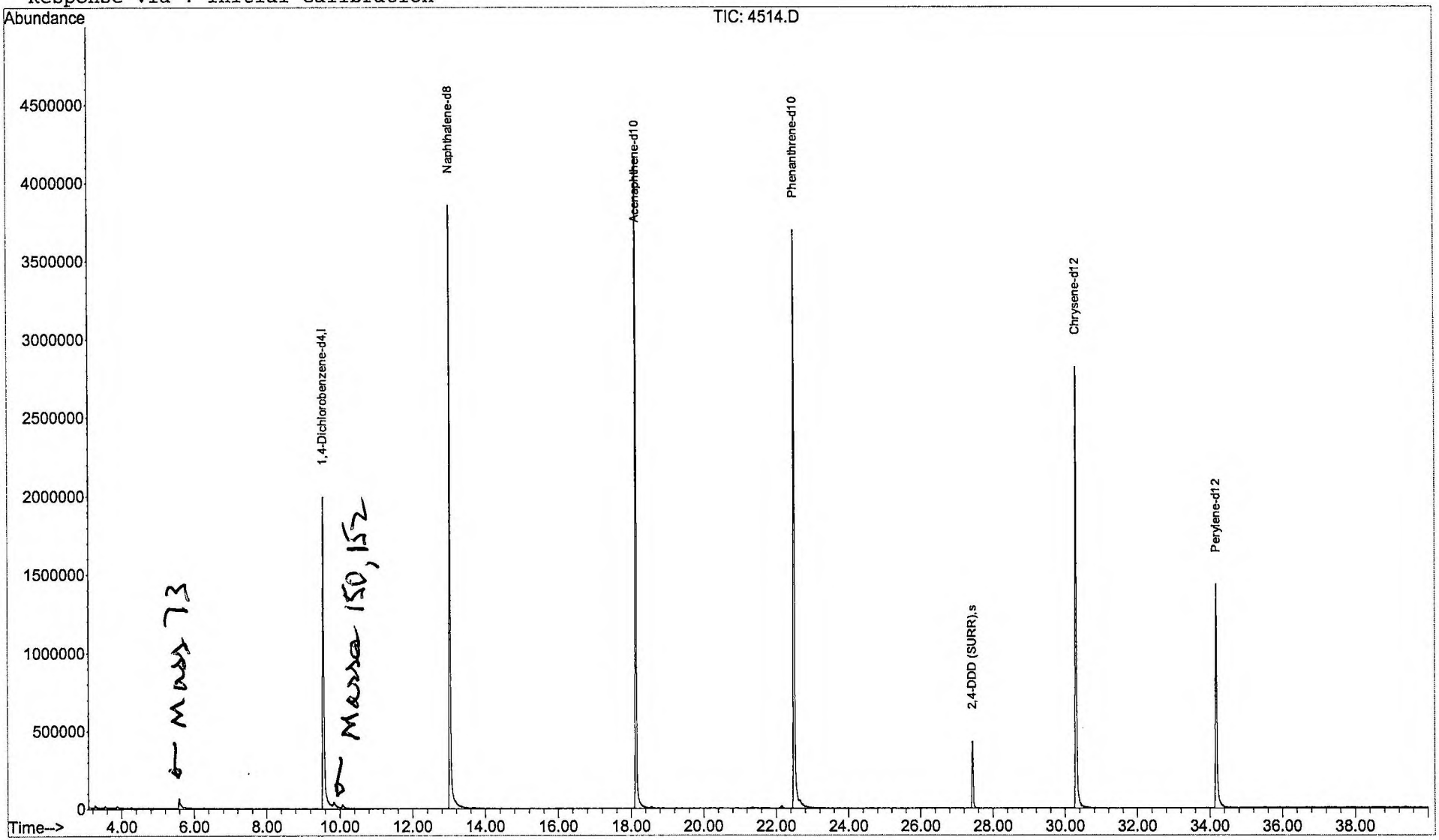
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
47) Benzo (k) fluoranthene	0.00	252	0	N.D.	
48) Benzo (a) pyrene	0.00	252	0	N.D. d	
49) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
50) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
51) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
4514.D 5080302.M Thu Mar 28 05:41:02 2002

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\4514.D Vial: 59
Acq On : 27 Mar 2002 9:40 pm Operator: McLean
Sample : SAMPLE 4514 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 5:40 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\032602\4514.D Vial: 59
Acq On : 27 Mar 2002 9:40 pm Operator: McLean
Sample : SAMPLE 4514 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

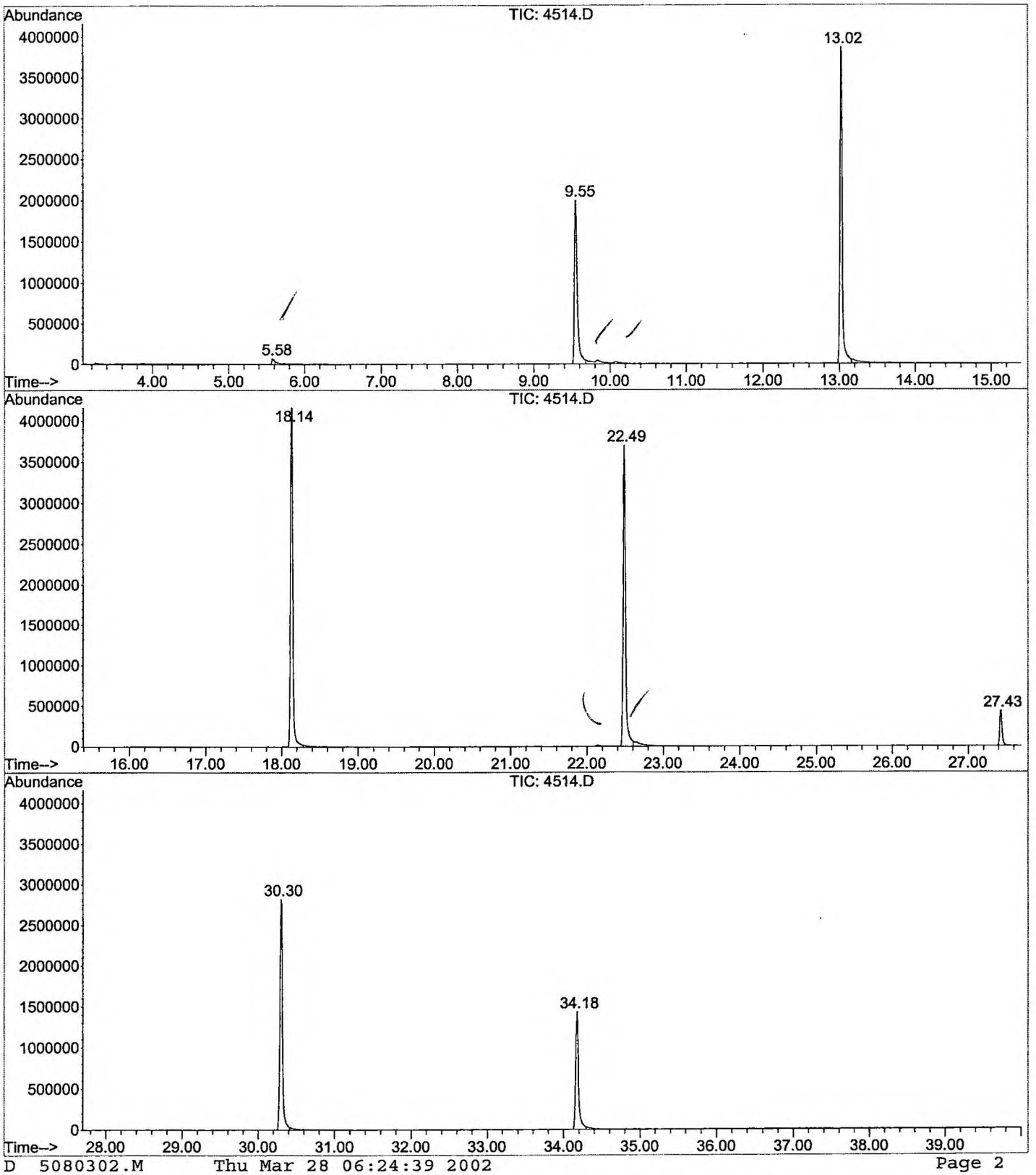
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.576	421	425	431	rBV	66991	142051	1.60%	0.340%
2	9.548	1094	1101	1124	rBV	1994280	5217148	58.81%	12.486%
3	13.021	1685	1692	1715	rBV	3859580	8116113	91.49%	19.423%
4	18.138	2553	2563	2588	rBV	4161334	8870767	100.00%	21.229%
5	22.492	3295	3304	3323	rBV2	3699506	8308719	93.66%	19.884%
6	27.428	4136	4144	4158	rBV	430619	888417	10.02%	2.126%
7	30.301	4624	4633	4652	rBV2	2820111	6587692	74.26%	15.765%
8	34.179	5283	5293	5313	rBV2	1431785	3654644	41.20%	8.746%

Sum of corrected areas: 41785551

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\032602\4514.D
Operator : McLean
Acquired : 27 Mar 2002 9:40 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 4514 3/2/02
Misc Info :
Vial Number: 59
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\032602\4514.D Vial: 59
Acq On : 27 Mar 2002 9:40 pm Operator: McLean
Sample : SAMPLE 4514 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

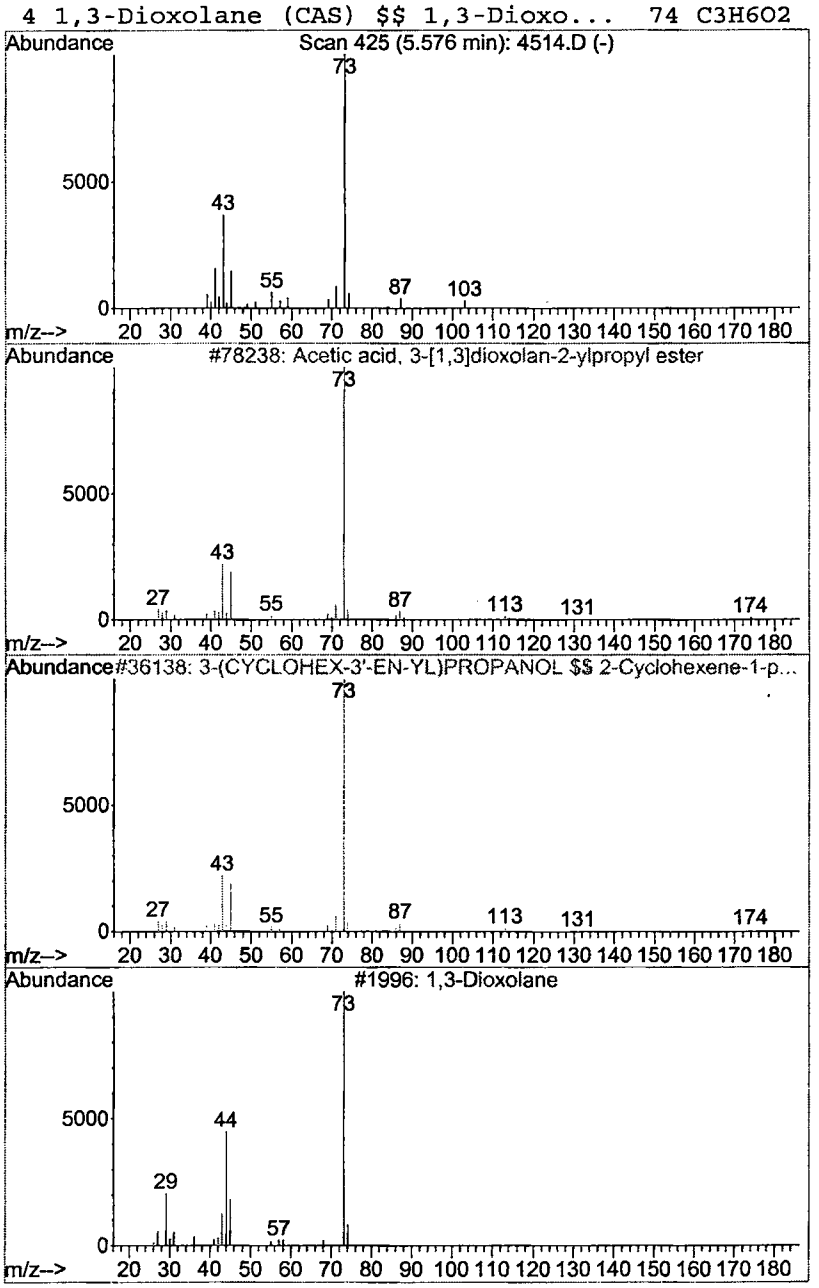
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

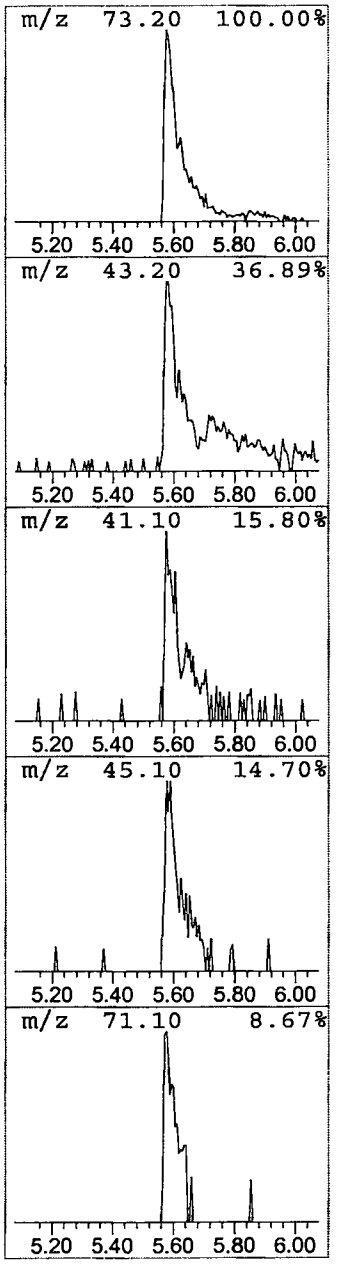
****

Peak Number 1 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	0.54 ug/L	142051	1,4-Dichlorobenzene-d4	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	50
2	3-(CYCLOHEX-3'-EN-YL) PROPANOL $$...	174	C8H14O4	015745-87-6	50
3	1,3-Dioxolane	74	C3H6O2	000646-06-0	9
4	1,3-Dioxolane (CAS) $$ 1,3-Dioxo...	74	C3H6O2	000646-06-0	9





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 27 Mar 2002 9:40 pm
Data File: C:\MSDCHEM\1\DATA\032602\4514.D
Name: SAMPLE 4514 3/2/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetic acid, 3-[1...	5.58	0.5	ug/L	142051	1	9.55	5217150	20.0