User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 14:39:37

Sample: AE05303
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 14:38 Ended: 3/29/02 14:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	[illegible]	[illegible]	150		[illegible]

3/4/2
Blank
06996

See buffer in prior sample

FB clear
data. mg

Comments for Sample AE05303 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 14:41:08

The GCMS scan, from 35 to 550 amu, reveals the presence of dl-2-ethylhexyl chloroformate at an estimated level of 1.5 ug/l and with a fit of 80 out of 100. The recoveries for the compounds in the LCS Standard were high. New limits will be calculated.

And the surrogate failed at 130%

Could be Lauric acid also 78/100

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\031702\5303.D Vial: 6
Acq On : 17 Mar 2002 12:53 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 22 09:37:43 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	150	1421972	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3863824	20.00	ug/L	0.00
17) Acenaphthene-d10	18.13	164	2131433	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3267050	20.00	ug/L	0.00
38) Chrysene-d12	30.30	240	3046463	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1866518	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-ddd surr	27.43	235	291937	7.49	ug/L	0.00
Spiked Amount 5.000			Recovery = 149.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. 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	24.65	149	85363	0.49	ug/L	96
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	30.91	149	24660	0.21	ug/L	95
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\031702\5303.D Vial: 6
Acq On : 17 Mar 2002 12:53 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 22 09:37:43 2002 Quant Results File: 5080302.RES

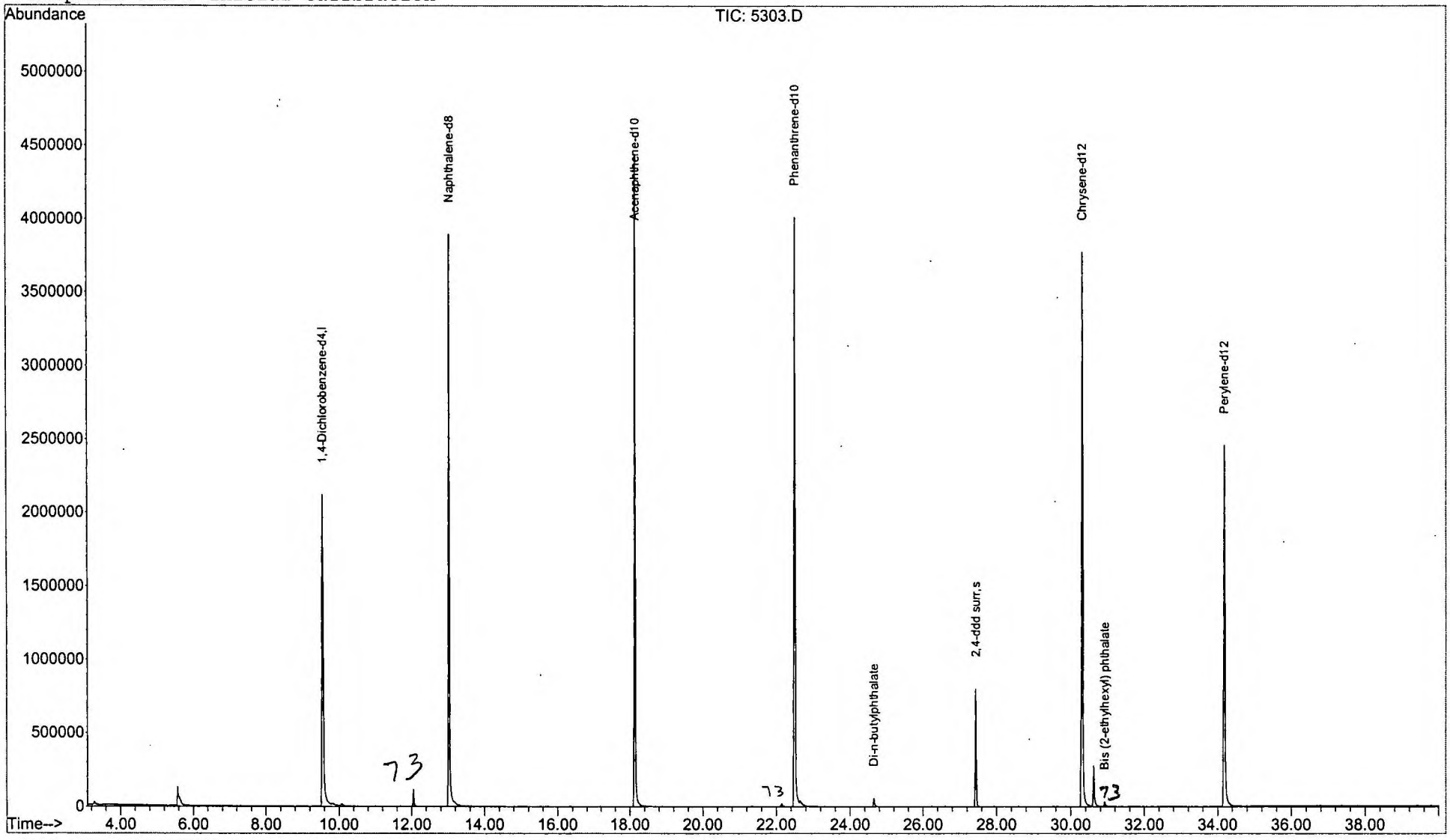
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

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
5303.D 5080302.M Fri Mar 22 09:42:18 2002 Page 2

Data File : C:\MSDCHEM\1\DATA\031702\5303.D Vial: 6
Acq On : 17 Mar 2002 12:53 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 22 9:42 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Thu Mar 14 13:02:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\031702\5303.D Vial: 6
Acq On : 17 Mar 2002 12:53 pm Operator: McLean
Sample : 3/11/02 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

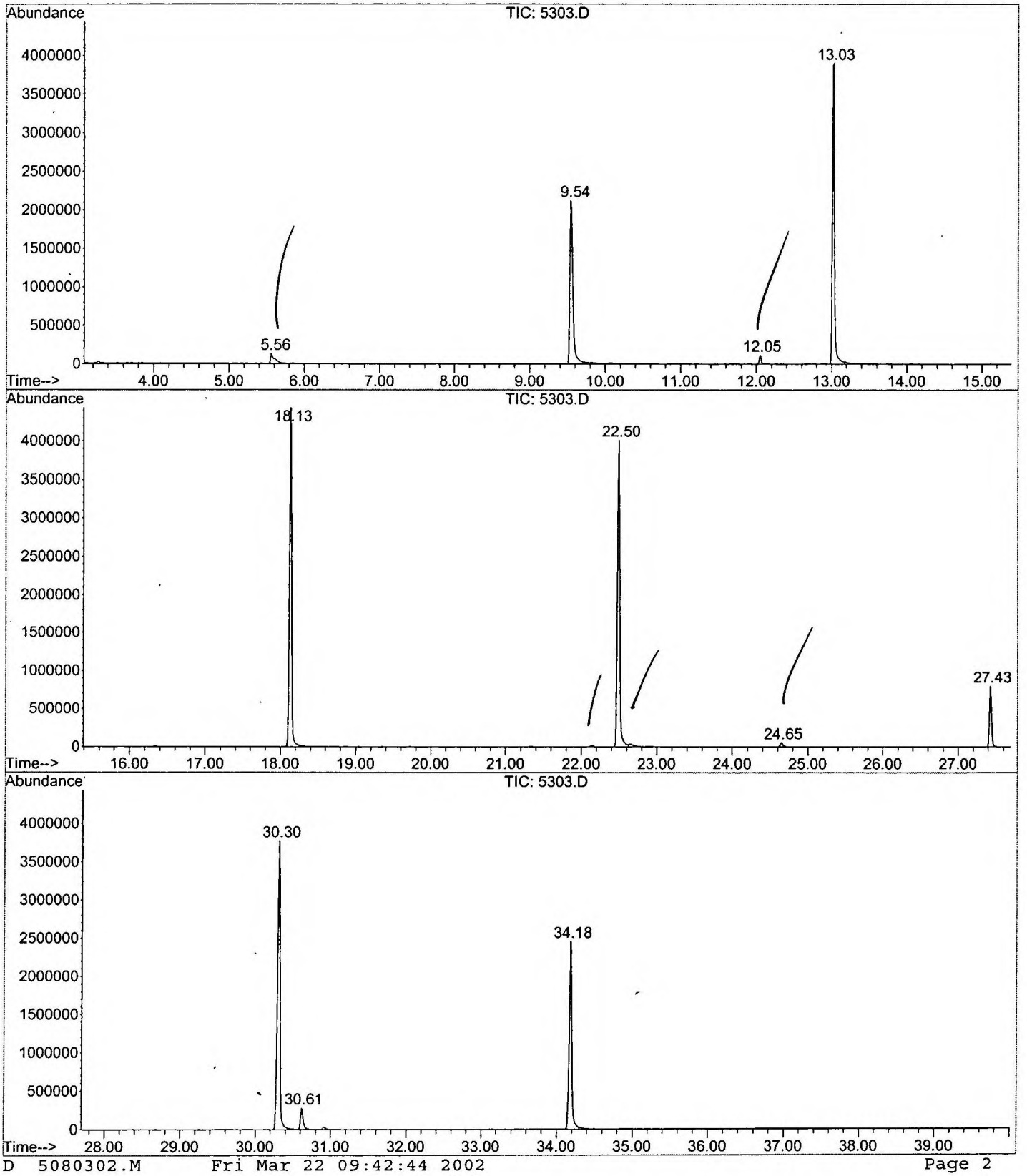
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.561	272	274	293	rBV	127134	465019	5.17%	0.929%
2	9.543	708	713	731	rBV	2117015	5897599	65.61%	11.785%
3	12.047	985	989	998	rBV2	114748	214370	2.38%	0.428%
4	13.026	1091	1097	1113	rBV	3896133	8270023	92.01%	16.526%
5	18.133	1654	1660	1679	rBV	4436159	8876522	98.75%	17.738%
6	22.495	2134	2141	2155	rBV2	4013032	8988504	100.00%	17.962%
7	24.645	2374	2378	2394	rBV	56694	137556	1.53%	0.275%
8	27.430	2680	2685	2693	rBV	798535	1530275	17.02%	3.058%
9	30.305	2995	3002	3019	rBV2	3774380	8841336	98.36%	17.668%
10	30.613	3030	3036	3050	rVB	275626	653373	7.27%	1.306%
11	34.178	3422	3429	3442	rBV2	2457893	6168114	68.62%	12.326%

Sum of corrected areas: 50042691

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\031702\5303.D
Operator : McLean
Acquired : 17 Mar 2002 12:53 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 3/11/02
Misc Info :
Vial Number: 6
Quant File :5080302.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5303.D Vial: 6
Acq On : 17 Mar 2002 12:53 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

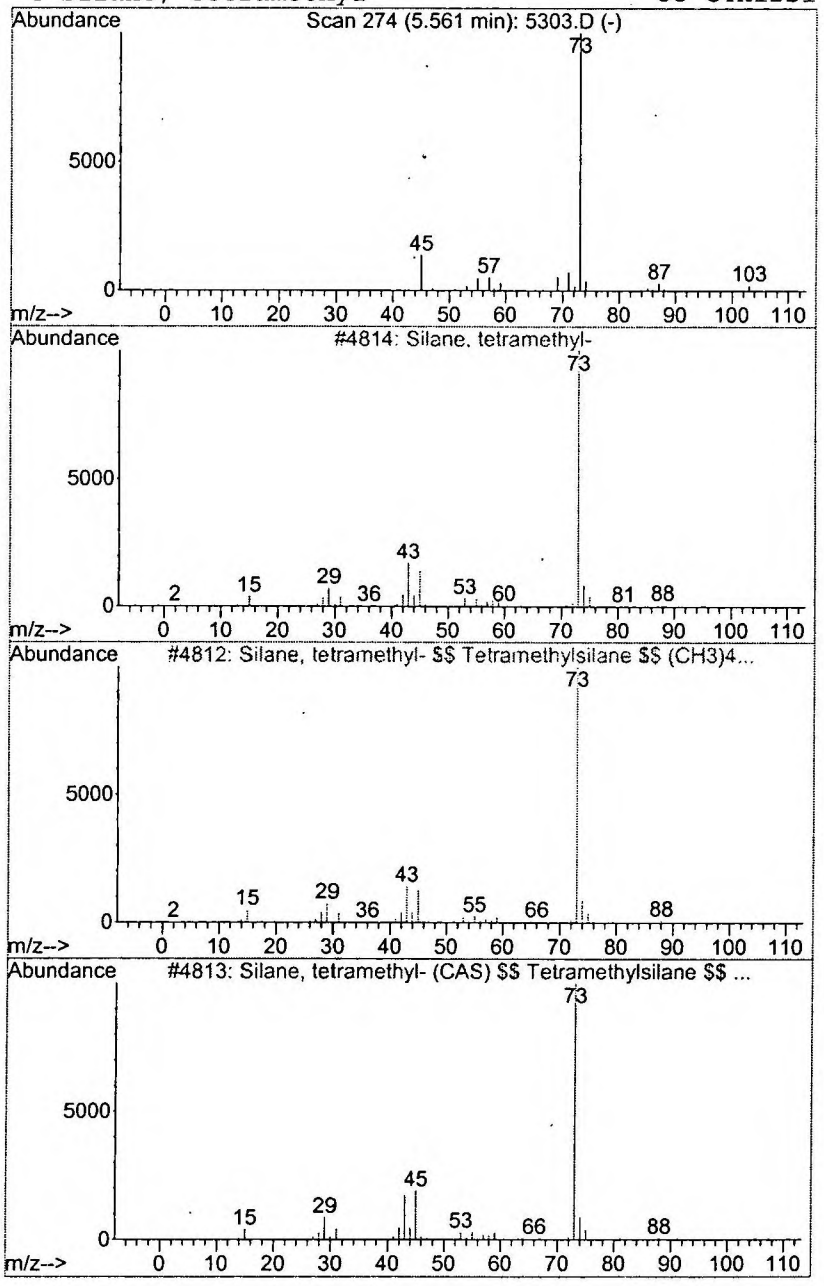
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

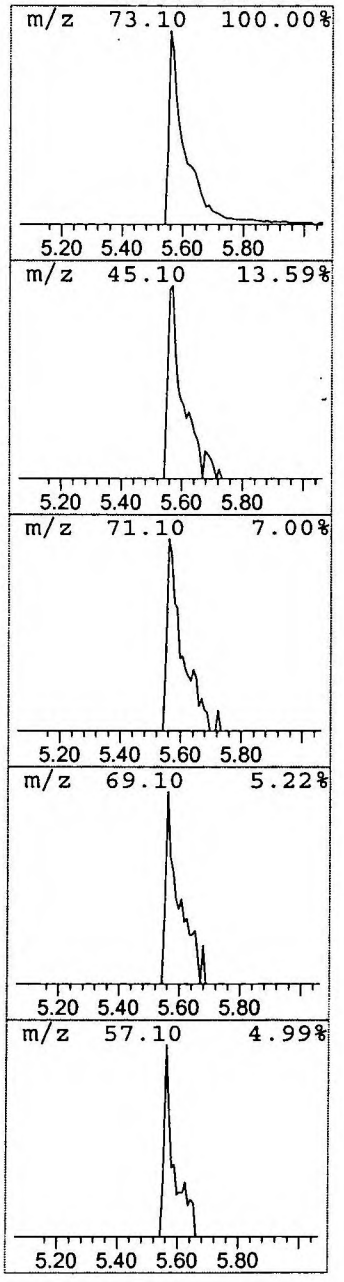
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	1.58 ug/L	465019	1,4-Dichlorobenzene-d4	9.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	49
2	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	47
3	Silane, tetramethyl- (CAS) $$ Te...	88	C4H12Si	000075-76-3	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5303.D Vial: 6
Acq On : 17 Mar 2002 12:53 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

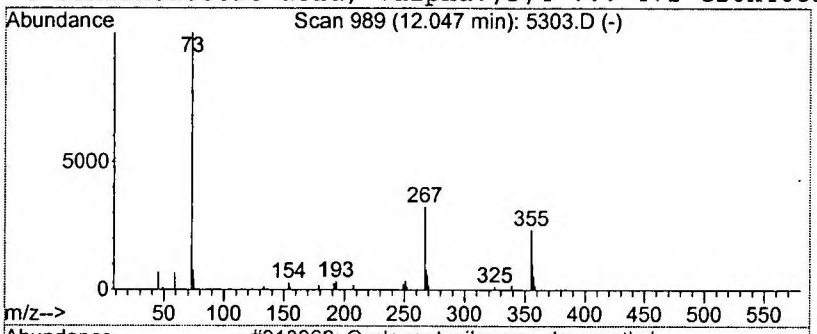
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

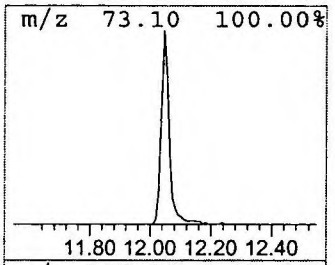
****

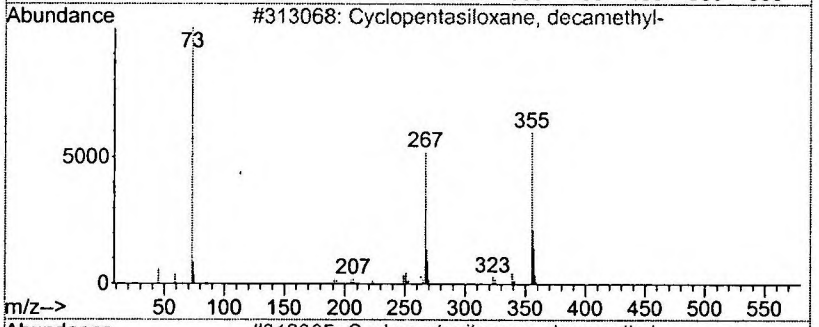
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 3

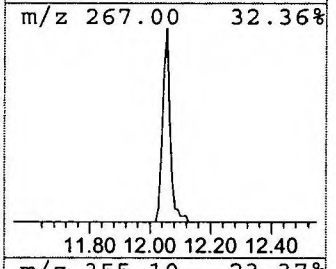
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.52 ug/L	214370	Naphthalene-d8	13.03

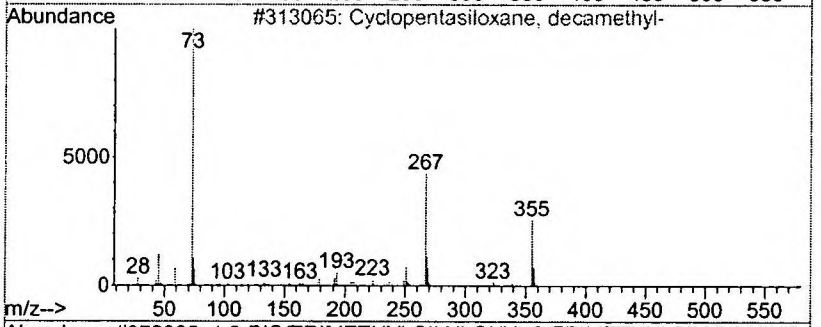
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
3	1,3-BIS(TRIMETHYLSILYLOXY)-2-TRI...	573	C24H51NO5Si5	000000-00-0	43
4	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	40

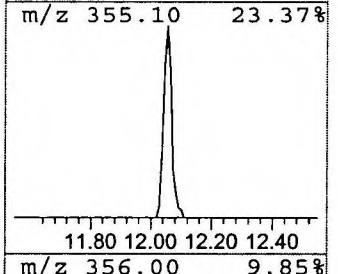


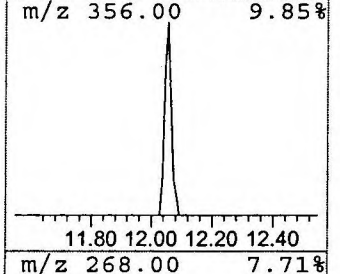


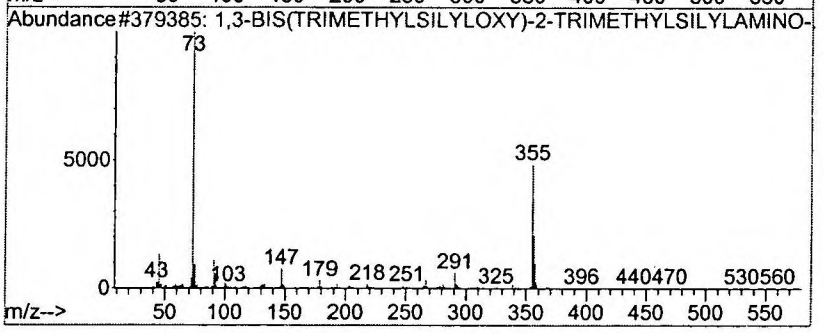


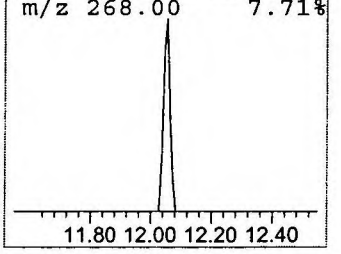












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\031702\5303.D Vial: 6
Acq On : 17 Mar 2002 12:53 pm Operator: McLean
Sample : 3/11/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

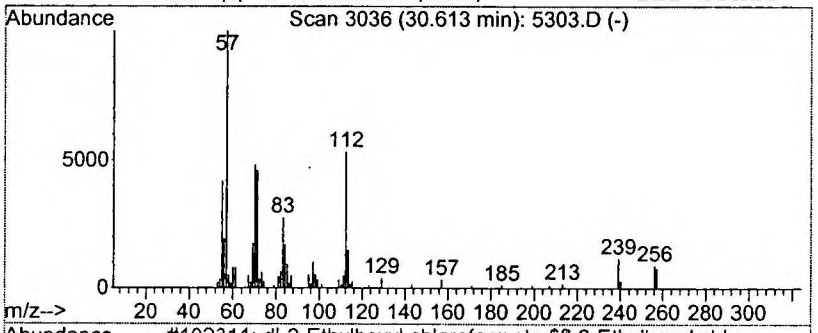
Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

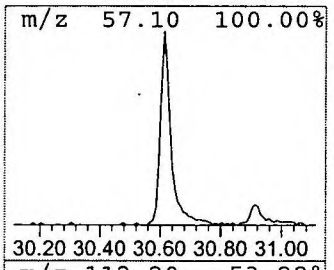
****

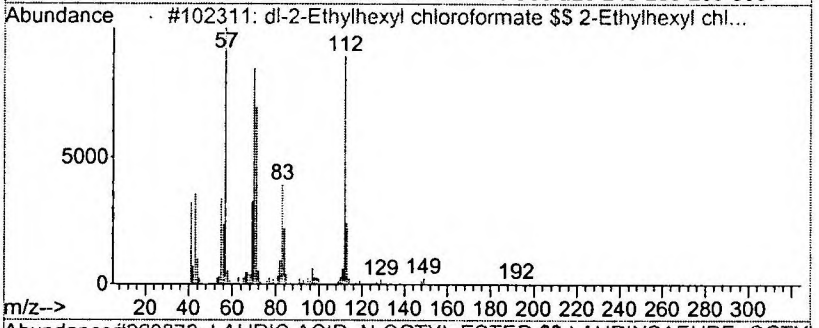
Peak Number 3 dl-2-Ethylhexyl chloroforma... Concentration Rank 2

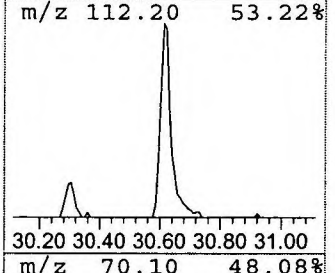
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.61	1.48 ug/L	653373	Chrysene-d12	30.30

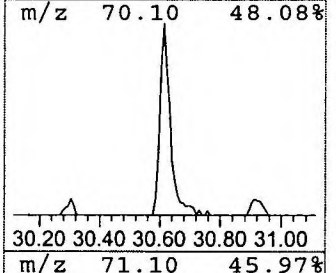
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-2-Ethylhexyl chloroformate $$...	192	C9H17ClO2	024468-13-1	80
2	LAURIC ACID, N-OCTYL ESTER $$ LA...	312	C20H40O2	000000-00-0	78
3	DI(2-ETHYLHEXYL) MALONATE	328	C19H36O4	000000-00-0	47
4	oct-3-ene $$ 3-Octene (CAS)	112	C8H16	000592-98-3	47

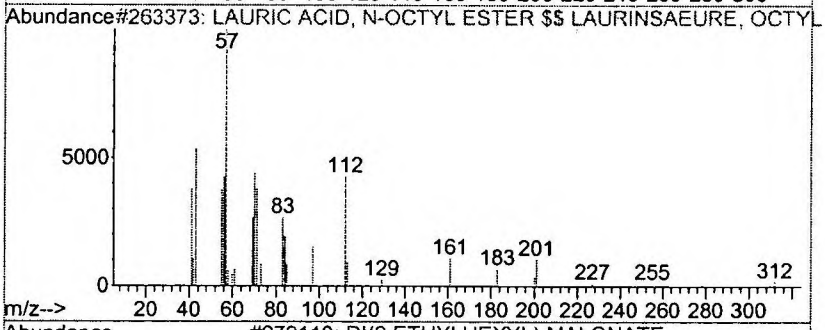


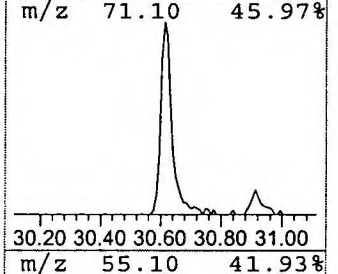


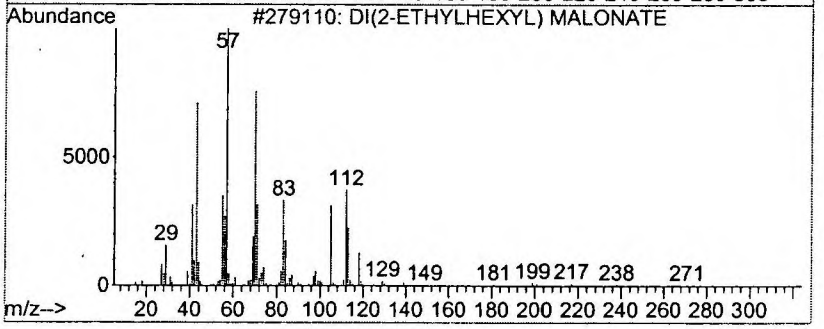


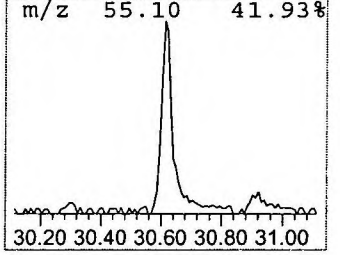












Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 17 Mar 2002 12:53 pm
Data File: C:\MSDCHEM\1\DATA\031702\5303.D
Name: 3/11/02
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
Silane, tetramethyl-	5.56	1.6	ug/L	465019	1	9.54	5897600	20.0
Cyclopentasiloxan...	12.05	0.5	ug/L	214370	2	13.03	8270020	20.0
dl-2-Ethylhexyl c...	30.61	1.5	ug/L	653373	5	30.30	8841340	20.0