

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 02/07/2002 Time: 15:54:35

Sample: AD31378
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 2/7/02 15:54 Ended: 2/7/02 15:54 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		120		5.0

Comments for Sample AD31378 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-07-2002 Time: 15:54:38

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

The recoveries for 6 of the 43 compounds were above their acceptance ranges.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\31378.D

Vial: 13

Acq On : 15 Jan 2002 10:42 pm

Operator: 209 GALOS

Sample : gc/ms scan 12/26

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 4 14:08 2002

Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Mon Jan 07 10:31:02 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	760049	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3018116	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.36	164	1557710	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.78	188	2189893	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1493115	20.00	ug/l	-0.04
44) Perylene-d12	36.87	264	1029318	20.00	ug/l	-0.03

System Monitoring Compounds

37) 2,4-DDD	29.85	235	150311	5.98	ug/mL	-0.22
Spiked Amount	5.000		Recovery	=	119.60%	

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-Dichlorobenzene	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-Chloropropan	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	13.14	77	178	N.D.	
12) Isophorone	0.00	82	0	N.D.	
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Naphthalene	15.15	128	2220	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	20.68	165	255	N.D.	
25) Diethylphthalate	21.87	149	832	N.D.	
26) 4-Chlorophenyl-phenylether	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.	

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

31378.D GCMS1126.M

Mon Feb 04 14:09:39 2002

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\31378.D

Vial: 13

Acq On : 15 Jan 2002 10:42 pm

Operator: 209 GALOS

Sample : gc/ms scan 12/26

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 4 14:08 2002

Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Mon Jan 07 10:31:02 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0103

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	24.84	178	742	N.D.		
34) Anthracene	24.84	178	742	N.D.		
35) Di-n-butylphthalate	26.80	149	13313	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)anthracene	32.80	228	3562	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.11	149	5312	N.D.		
43) Chrysene	32.80	228	3562	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo(b)fluoranthene	0.00	252	0	N.D.		
47) Benzo(k)fluoranthene	0.00	252	0	N.D.		
48) Benzo(a)pyrene	36.87	252	3944	N.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

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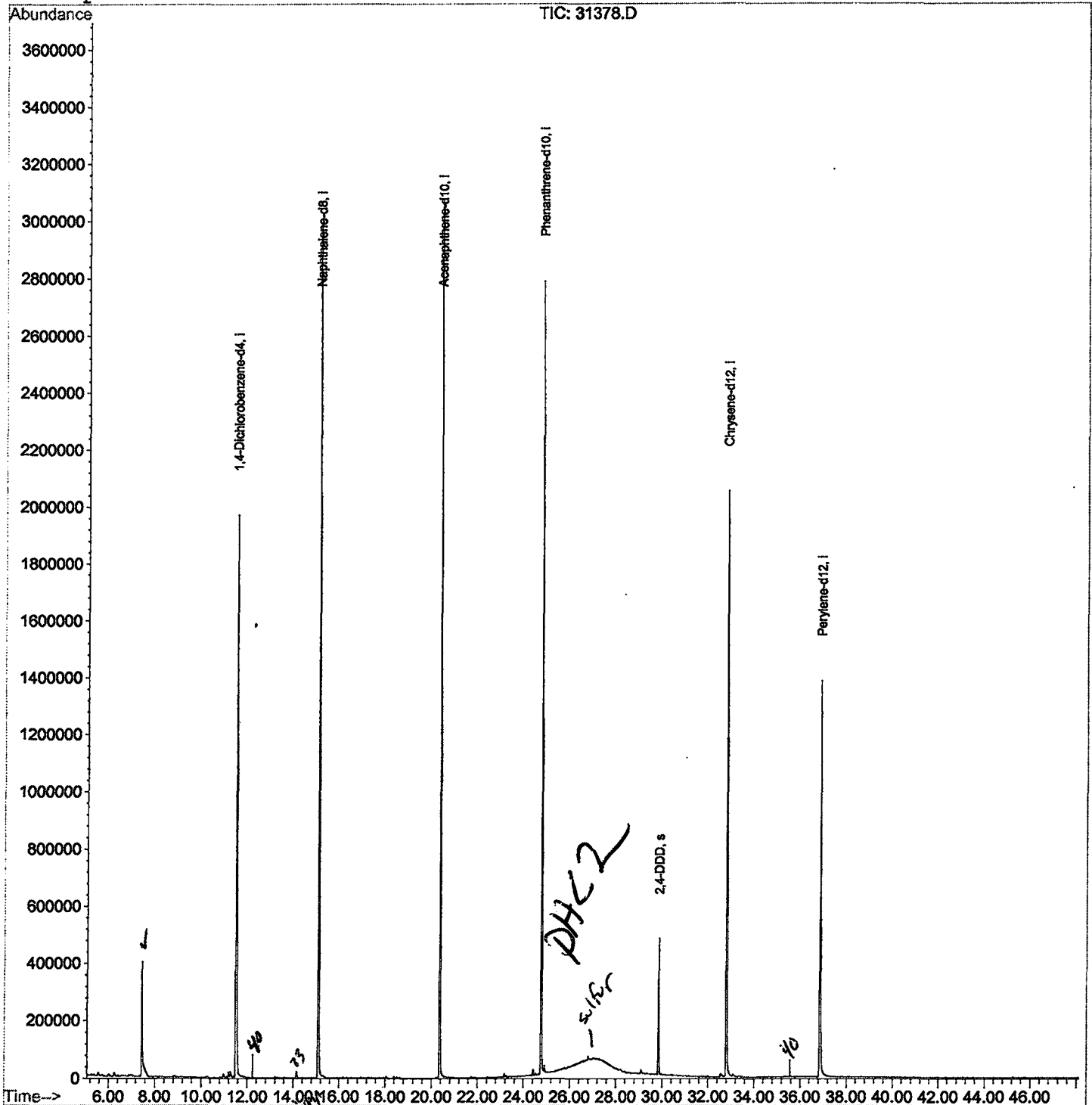
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31378.D
 Acq On : 15 Jan 2002 10:42 pm
 Sample : gc/ms scan 12/26
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 4 14:08 2002

Vial: 13
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Jan 22 11:56:23 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31378.D

Vial: 13

Acq On : 15 Jan 2002 10:42 pm

Operator: 209 GALOS

Sample : gc/ms scan 12/26

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

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	peak area	peak % max.	% of total
1	7.453	258	262	291	rBV	398390	1120434	17.18%	3.252%
2	11.501	698	703	722	rBV	1967393	4830541	74.05%	14.020%
3	15.091	1089	1094	1113	rBV	2991014	6179632	94.73%	17.935%
4	20.360	1661	1668	1681	rBV	3076644	6523184	100.00%	18.932%
5	24.776	2142	2149	2161	rBV2	2776147	6181385	94.76%	17.940%
6	29.853	2696	2702	2708	rBV	473945	969185	14.86%	2.813%
7	32.800	3017	3023	3042	rBV2	2047845	4791408	73.45%	13.906%
8	36.866	3459	3466	3488	rBV	1383831	3859857	59.17%	11.202%

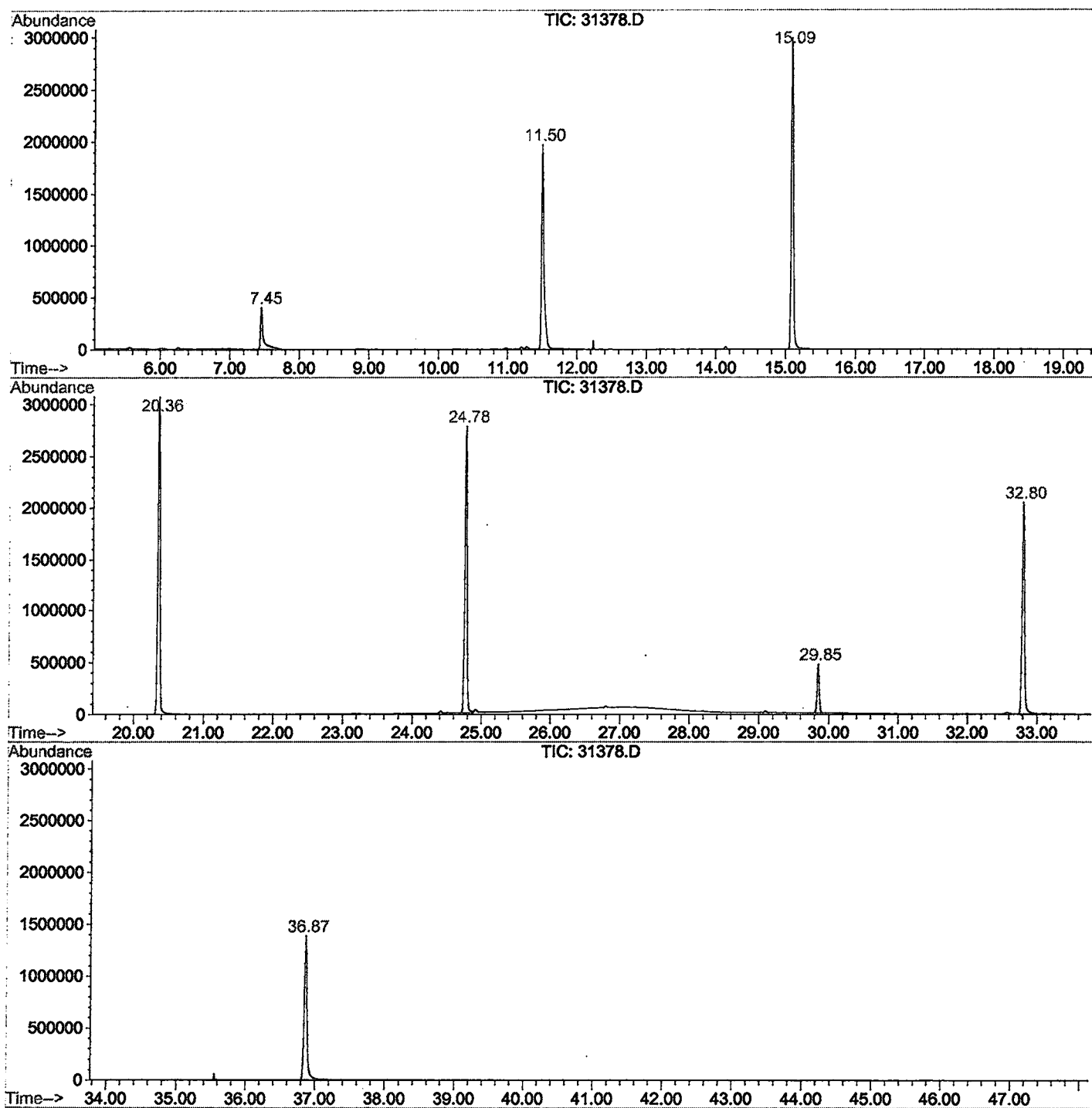
Sum of corrected areas: 34455626

31378.D GCMS1126.M

Mon Feb 04 15:25:41 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\31378.D
Operator : 209 GALOS
Acquired : 15 Jan 2002 10:42 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/26
Misc Info :
Vial Number: 13
Quant File :GCMS0103.RES (RTE Integrator)



31378.D GCMS1126.M

Mon Feb 04 15:25:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31378.D
 Acq On : 15 Jan 2002 10:42 pm
 Sample : gc/ms scan 12/26
 Misc :
 MS Integration Params: LSCINT.P

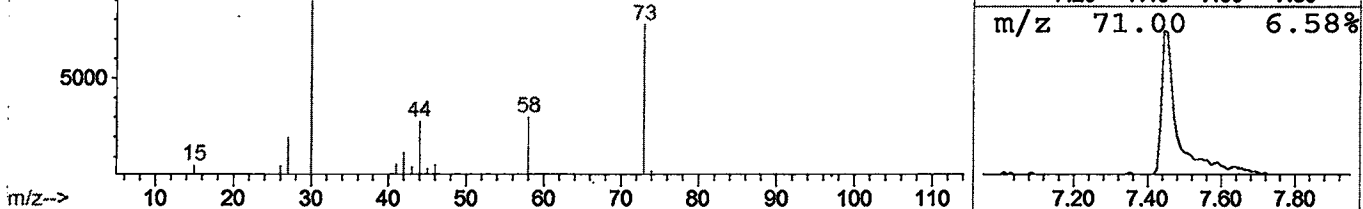
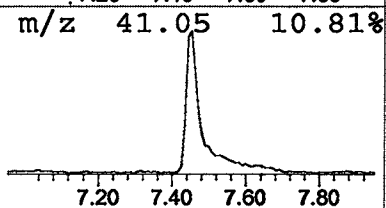
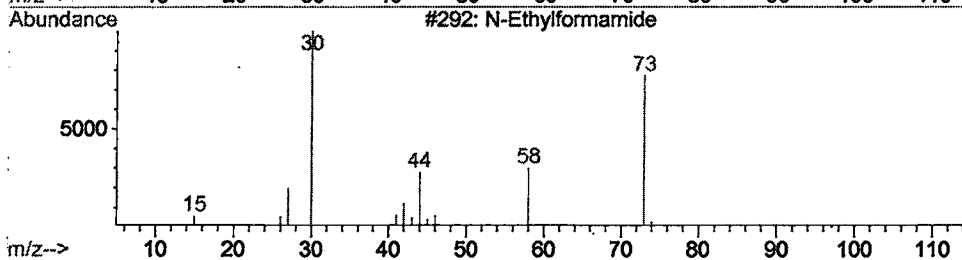
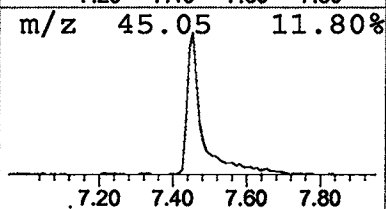
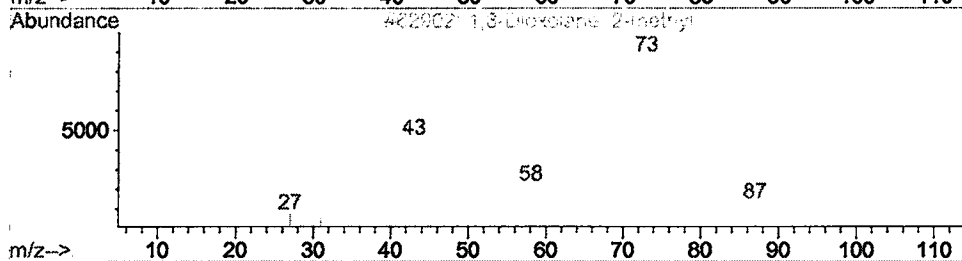
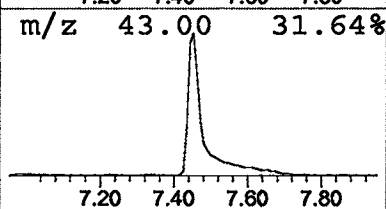
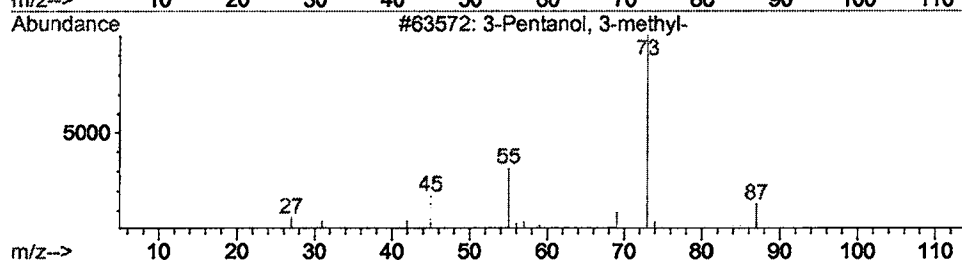
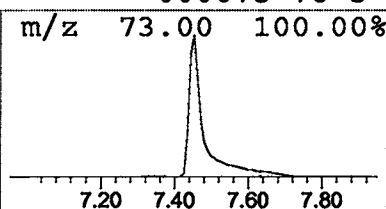
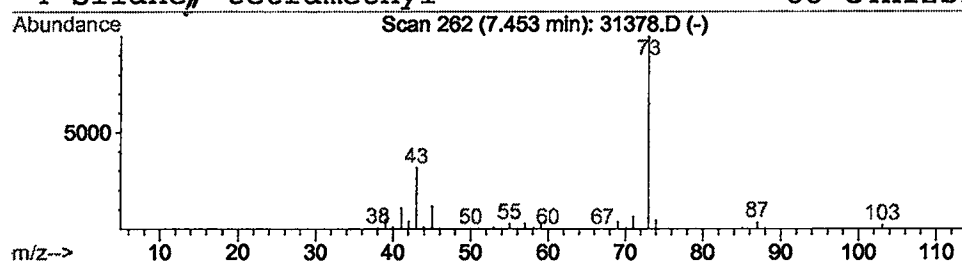
Vial: 13
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.64 ug/l	1120430	1,4-Dichlorobenzene-d4	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Jan 2002 10:42 pm
Data File: C:\HPCHEM\1\DATA\JAN1502\31378.D
Name: gc/ms scan 12/26
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Pentanol, 3-methyl	7.45	4.6	ug/l	1120430	ISTD01	11.50	4830540	20.0

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