

Jser: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:49:04

Sample: AD27768
 Analysis: \$GCMS GCMS Scan For Unknowns
 Jnits: ug
 Started: 1/3/02 14:46 Ended: 1/3/02 14:46 Analyst: MG
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

Comments for Sample AD27768 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-03-2002 Time: 14:49:15

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27768.D

Vial: 11

Acq On : 20 Dec 2001 5:02 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 11:12 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.87	152	1076806	20.00	ng/uL	-0.06
19) Naphthalene-d8	15.49	136	4219709	20.00	ng/uL	-0.06
31) Acenaphthene-d10	20.76	164	1880915	20.00	ng/uL	-0.06
49) Phenanthrene-d10	25.17	188	2772088m	20.00	ng/uL	-0.07
59) Chrysene-d12	33.17	240	1860467	20.00	ng/uL	-0.07
68) Perylene-d12	37.26	264	971010	20.00	ng/uL	-0.07

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount	75.000	Range 18 - 42	Recovery	=	0.00%#	
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount	75.000	Range 19 - 32	Recovery	=	0.00%#	
6) 2-Chlorophenol-d4	11.87	132	774	0.01	ng/uL	0.45
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ng/uL	
Spiked Amount	50.000	Range 26 - 73	Recovery	=	0.00%#	
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range 55 - 98	Recovery	=	0.00%#	
32) 2-Fluorobiphenyl	18.91	172	2115	0.02	ng/uL	0.07
Spiked Amount	50.000	Range 42 - 78	Recovery	=	0.04%#	
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount	75.000	Range 45 - 96	Recovery	=	0.00%#	
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount	50.000	Range 58 - 98	Recovery	=	0.00%#	

Target Compounds

				Qvalue
2) Pyridine	5.41	79	290	N.D.
3) N-nitrosodimethylamine	0.00	74	0	N.D.
8) Phenol	0.00	94	0	N.D.
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.
10) 2-Chlorophenol	0.00	128	0	N.D.
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) 2-Methylphenol	0.00	108	0	N.D.
15) 2,2'-oxybis(1-Chloropropan	12.36	45	573	N.D.
16) 3&4-Methylphenol	0.00	108	0	N.D.

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

27768.D NP112701.M Thu Dec 20 11:34:22 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27768.D
 Acq On : 20 Dec 2001 5:02 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 20 11:12 2001

Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Last Update : Wed Nov 28 15:33:44 2001
 Response via : Initial Calibration
 DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
17) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
18) Hexachloroethane	0.00	117	0	N.D.		
21) Nitrobenzene	0.00	77	0	N.D.		
22) Isophorone	0.00	82	0	N.D.		
23) 2-Nitrophenol	0.00	139	0	N.D.		
24) 2,4-Dimethylphenol	0.00	107	0	N.D.		
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
26) 2,4-Dichlorophenol	0.00	162	0	N.D.		
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
28) Naphthalene	0.00	128	0	N.D.		
29) Hexachlorobutadiene	0.00	225	0	N.D.		
30) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
34) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
35) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
36) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
37) 2-Chloronaphthalene	0.00	162	0	N.D.		
38) Dimethylphthalate	0.00	163	0	N.D.		
39) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
40) Acenaphthylene	0.00	152	0	N.D.		
41) Acenaphthene	0.00	153	0	N.D.		
42) 2,4-Dinitrophenol	0.00	184	0	N.D.		
43) 4-Nitrophenol	21.19	65	2187	N.D.		
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
45) Diethylphthalate	22.24	149	1208	N.D.		
46) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
50) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
51) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
52) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
53) Hexachlorobenzene	0.00	284	0	N.D.		
54) Pentachlorophenol	0.00	266	0	N.D.		
55) Phenanthrene	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.15	149	13114	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		

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

27768.D NP112701.M Thu Dec 20 11:34:24 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27768.D

Vial: 11

Acq On : 20 Dec 2001 5:02 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 11:12 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.		
63) Pyrene	0.00	202	0	N.D.		
64) Butylbenzylphthalate	31.65	149	1082 /	N.D.		
65) Benzo(a)anthracene	33.17	228	4753 /	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	23728 /	N.D.		
67) Chrysene	33.17	228	4753 /	N.D.		
69) Di-n-Octylphthalate	35.16	149	1883 /	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		
71) Benzo(k)fluoranthene	0.00	252	0 /	N.D.		
72) Benzo(a)pyrene	37.26	252	3740 /	N.D.		
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
74) Dibenzo(a,h)anthracene	0.00	278	0	N.D.		
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

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

27768.D NP112701.M

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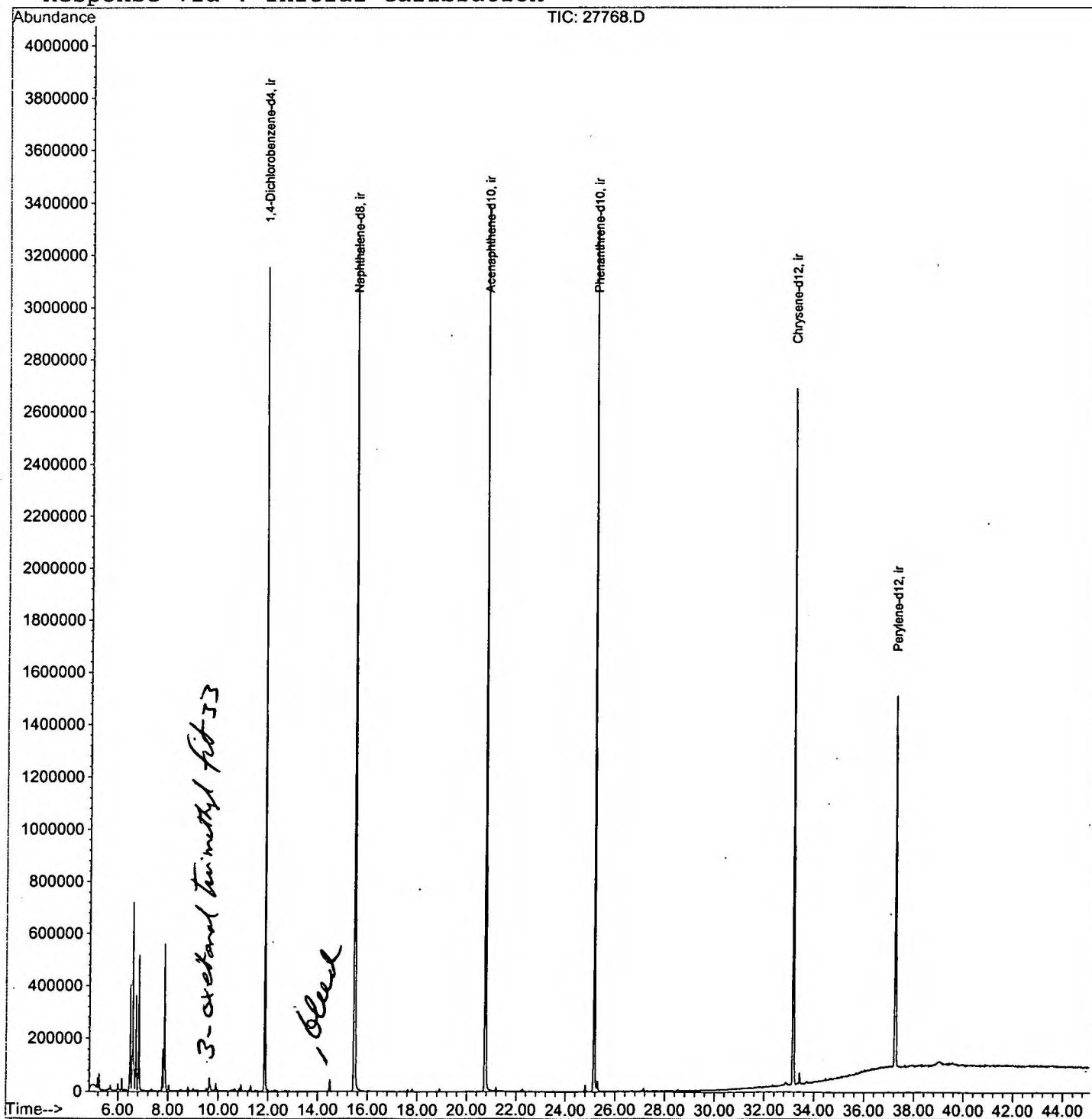
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27768.D
Acq On : 20 Dec 2001 5:02 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:12 2001

Vial: 11
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27768.D

Vial: 11

Acq On : 20 Dec 2001 5:02 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/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	5.242	41	44	53	rVB	62427	112718	1.30%	0.236%
2	6.489	173	180	185	rBV	401585	759530	8.76%	1.589%
3	6.590	185	191	195	rBV	708872	1389024	16.01%	2.907%
4	6.728	201	206	212	rVB	358538	679347	7.83%	1.422%
5	6.838	212	218	226	rBV	512833	997325	11.50%	2.087%
6	7.782	317	321	325	rBV	156528	281326	3.24%	0.589%
7	7.856	325	329	340	rVV	556551	1125317	12.97%	2.355%
8	9.644	520	524	527	rBV	47435	96684	1.11%	0.202%
9	11.872	761	767	777	rVB	3149571	6661428	76.80%	13.941%
10	14.495	1047	1053	1057	rBV	45141	98719	1.14%	0.207%
11	15.485	1153	1161	1177	rBV	3275227	8673424	100.00%	18.151%
12	20.758	1727	1736	1751	rBV	3395633	8492638	97.92%	17.773%
13	25.178	2206	2218	2227	rBV2	3308096	7998036	92.21%	16.738%
14	25.306	2228	2232	2238	rVB	38071	89865	1.04%	0.188%
15	33.174	3082	3090	3102	rVB2	2664877	6332246	73.01%	13.252%
16	33.422	3114	3117	3122	rVB2	42923	87760	1.01%	0.184%
17	37.264	3528	3536	3546	rVB2	1413732	3909214	45.07%	8.181%

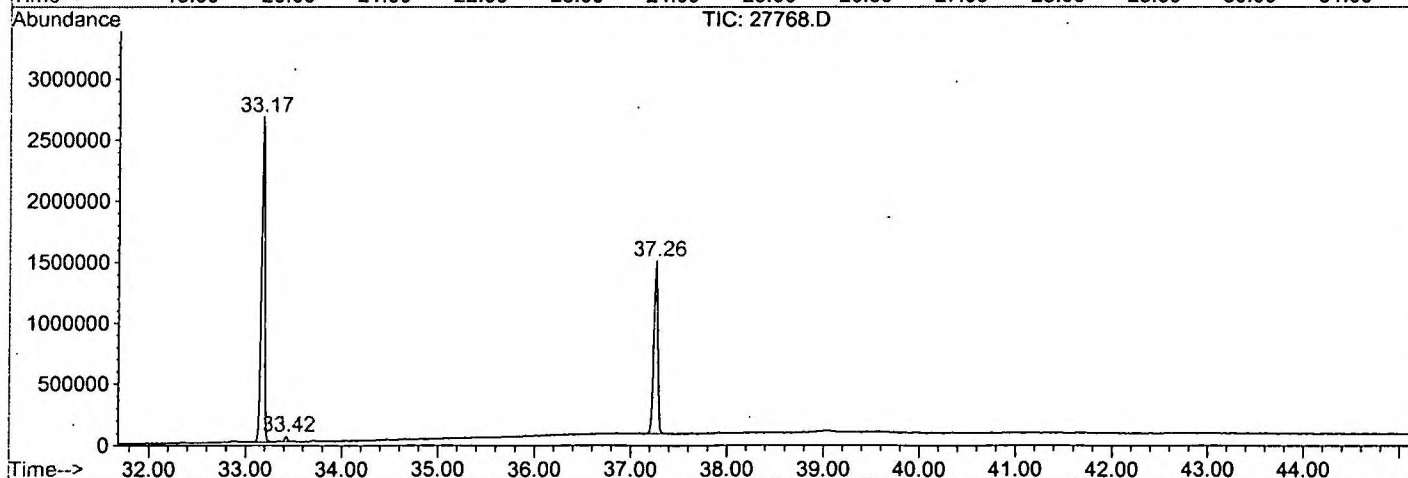
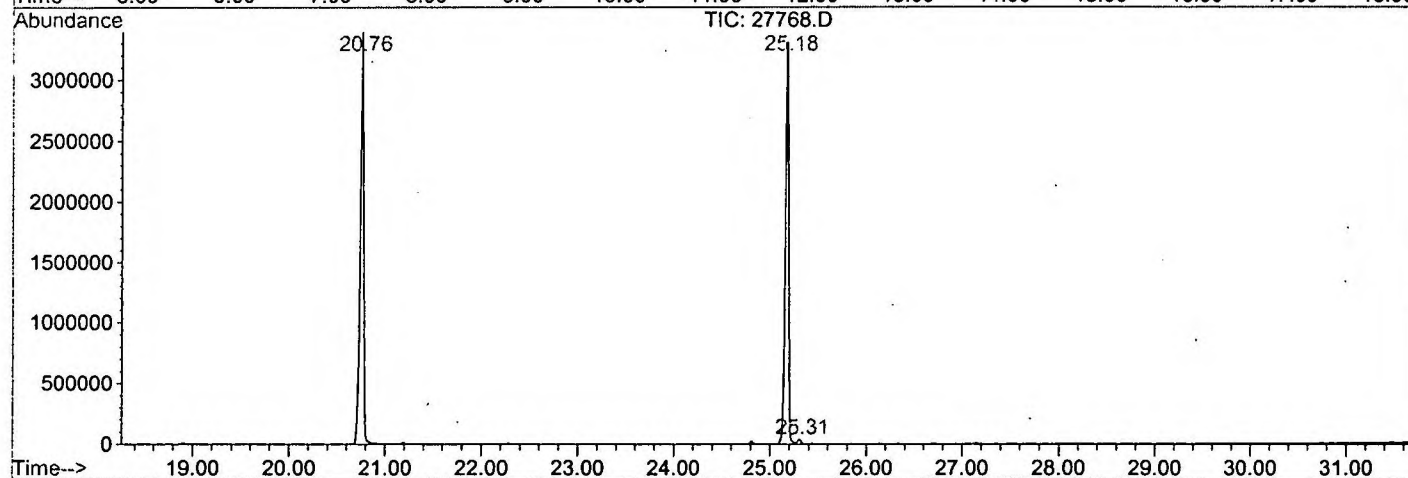
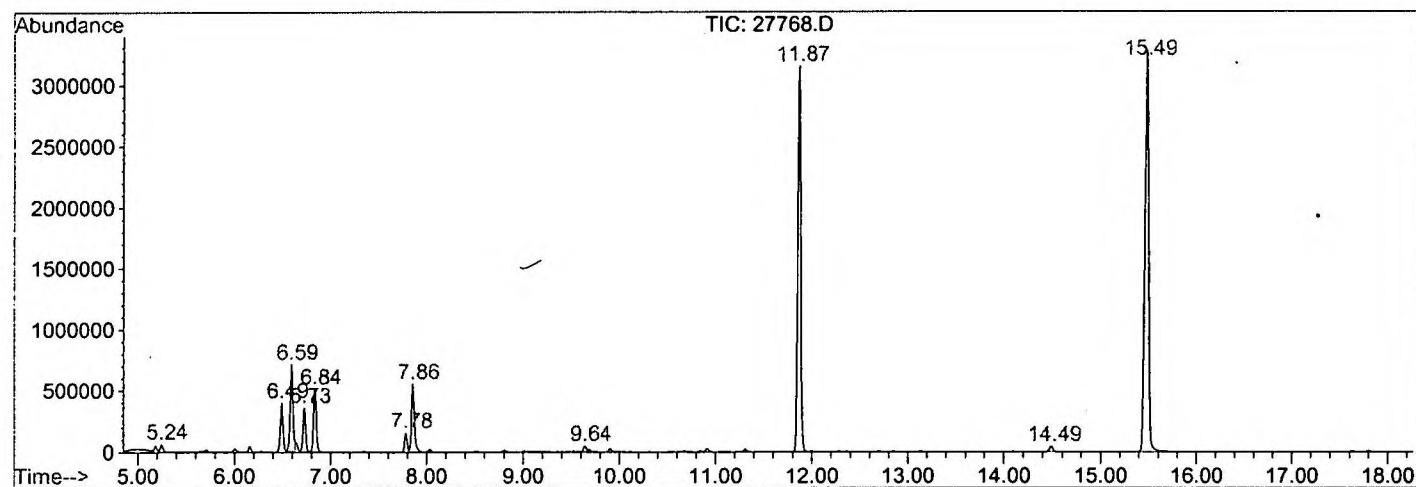
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27768.D NP112701.M

Thu Dec 20 11:46:28 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27768.D
 Operator : GALOS
 Acquired : 20 Dec 2001 5:02 am using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gcms unknown 11/16
 Misc Info :
 Vial Number: 11
 Quant File :NP112701.RES (RTE Integrator)



27768.D NP112701.M

Thu Dec 20 11:46:31 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27768.D
 Acq On : 20 Dec 2001 5:02 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

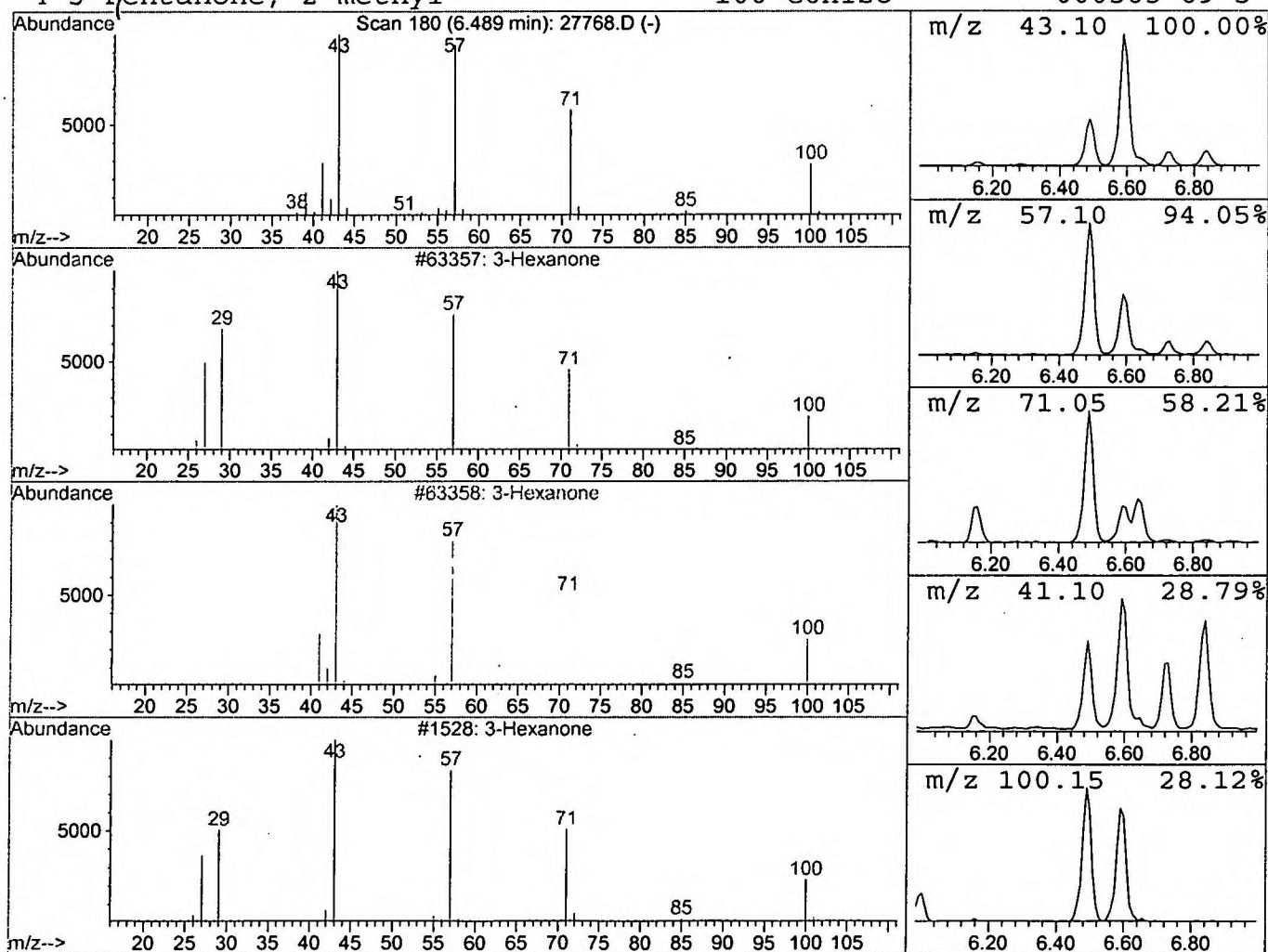
Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	2.28 ng/uL	759530	1,4-Dichlorobenzene-d4	11.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone		100	C6H12O	000589-38-8	91
2	3-Hexanone		100	C6H12O	000589-38-8	91
3	3-Hexanone		100	C6H12O	000589-38-8	90
4	3-Pentanone, 2-methyl-		100	C6H12O	000565-69-5	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27768.D

Acq On : 20 Dec 2001 5:02 am

Sample : gcms unknown 11/16

Misc :

MS Integration Params: LSCINT.P

Vial: 11

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

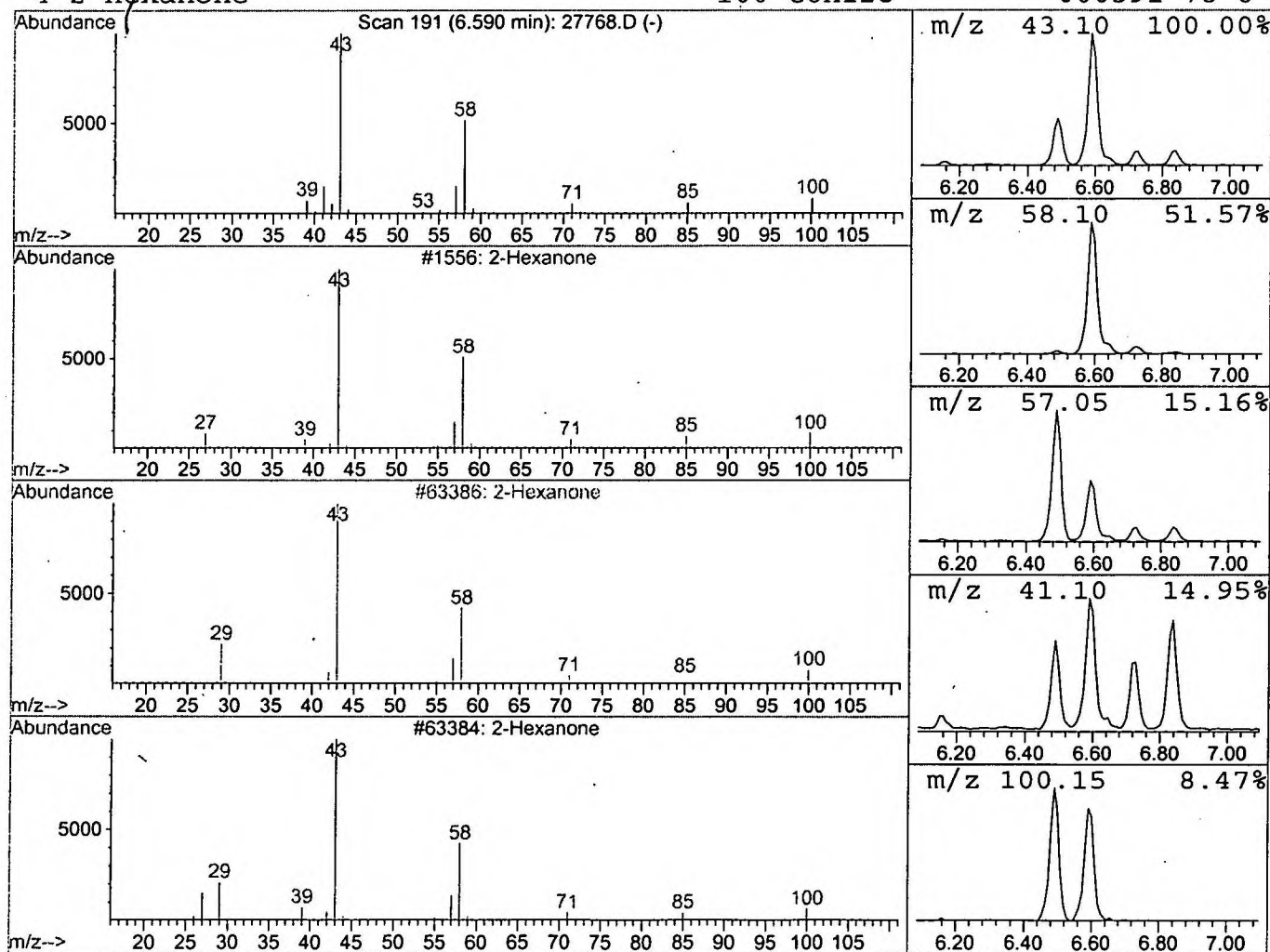
Title : 208 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	4.17 ng/uL	1389020	1,4-Dichlorobenzene-d4	11.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone			100	C6H12O	000591-78-6	91
2	2-Hexanone			100	C6H12O	000591-78-6	91
3	2-Hexanone			100	C6H12O	000591-78-6	91
4	2-Hexanone			100	C6H12O	000591-78-6	91



Library Search Compound Report

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 Acq On : 20 Dec 2001 5:02 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

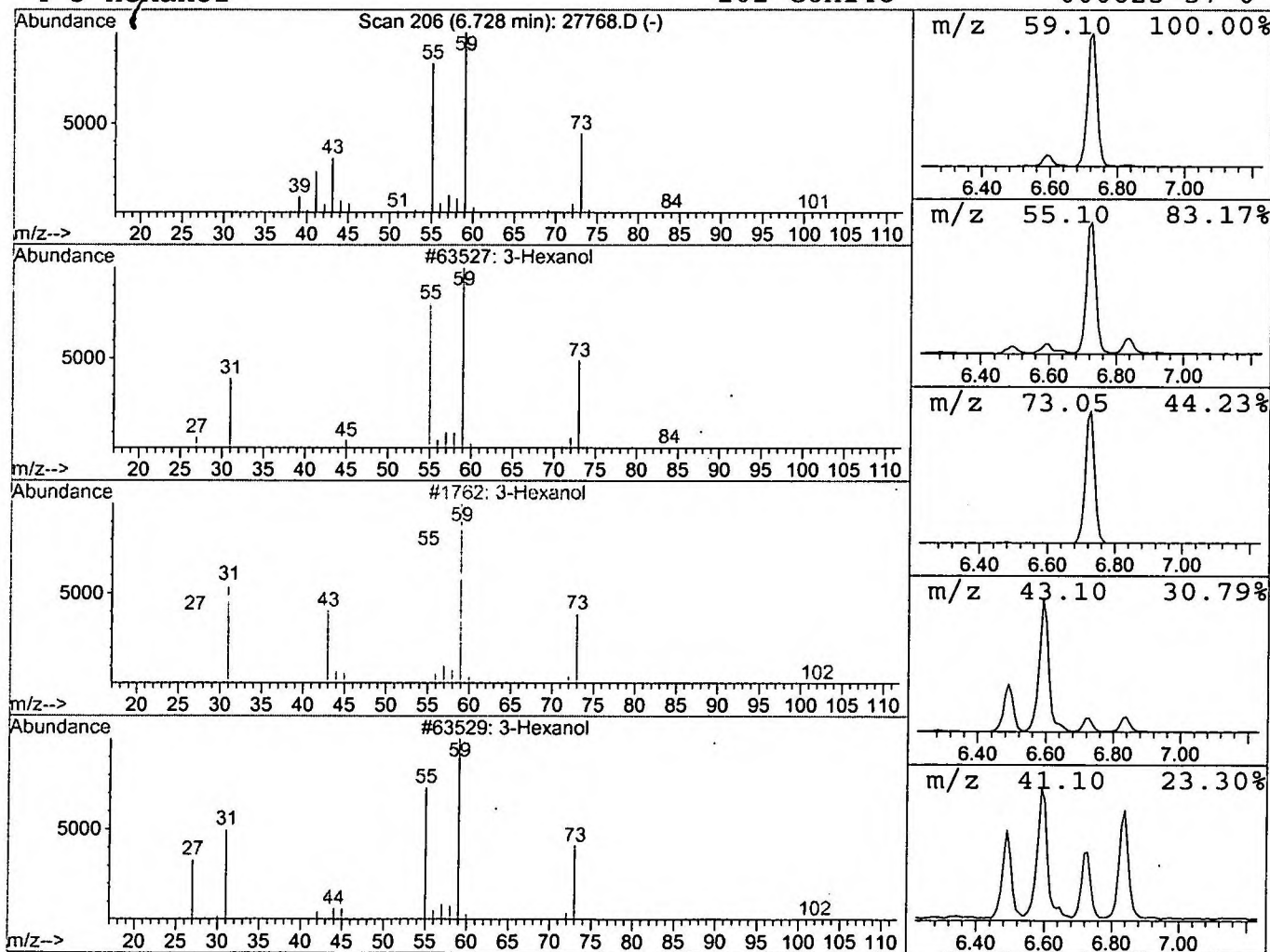
Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	2.04 ng/uL	679347	1,4-Dichlorobenzene-d4	11.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexanol	102	C6H14O	000623-37-0	83
2		3-Hexanol	102	C6H14O	000623-37-0	83
3		3-Hexanol	102	C6H14O	000623-37-0	83
4		3-Hexanol	102	C6H14O	000623-37-0	83



Library Search Compound Report

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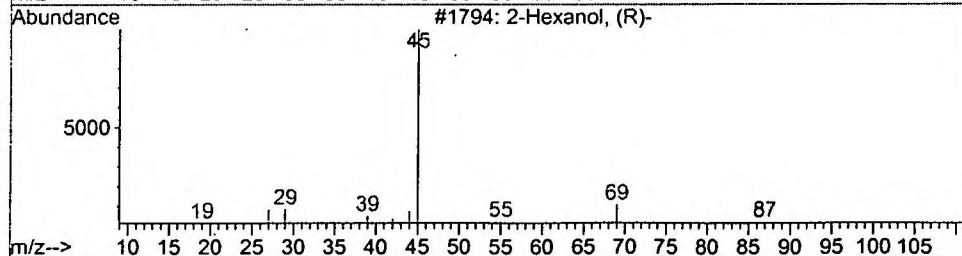
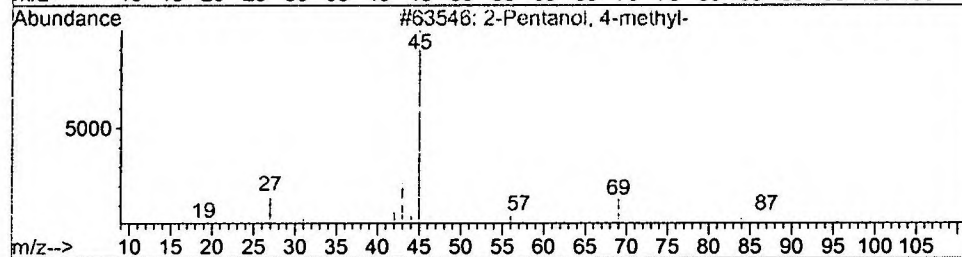
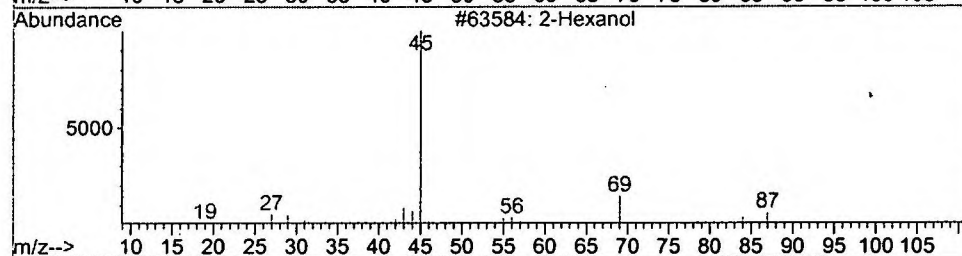
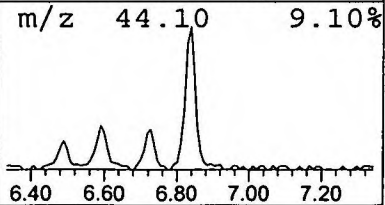
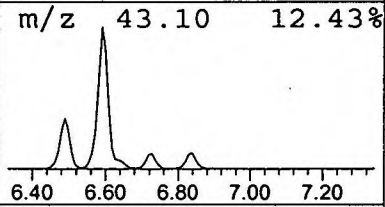
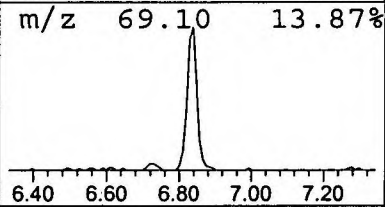
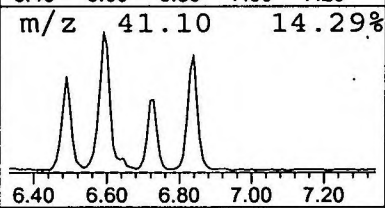
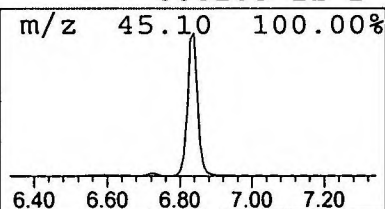
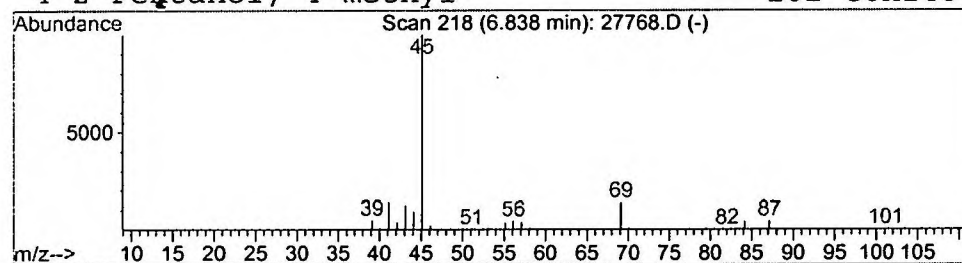
Vial: 11
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	2.99 ng/uL	997325	1,4-Dichlorobenzene-d4	11.87

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hexanol	102	C6H14O	000626-93-7	83
2		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
3		2-Hexanol, (R)-	102	C6H14O	026549-24-6	74
4		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27768.D
Acq On : 20 Dec 2001 5:02 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

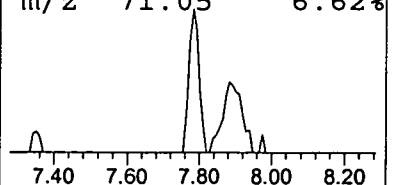
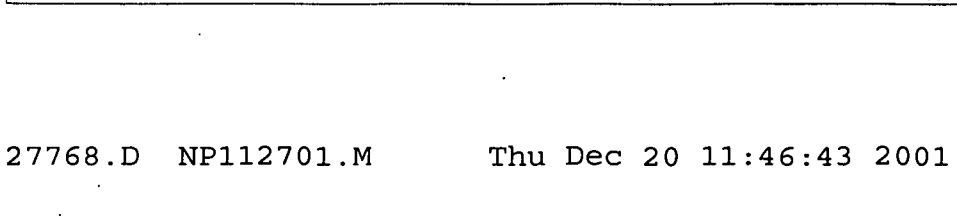
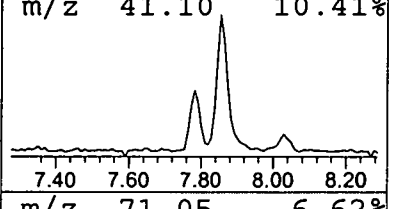
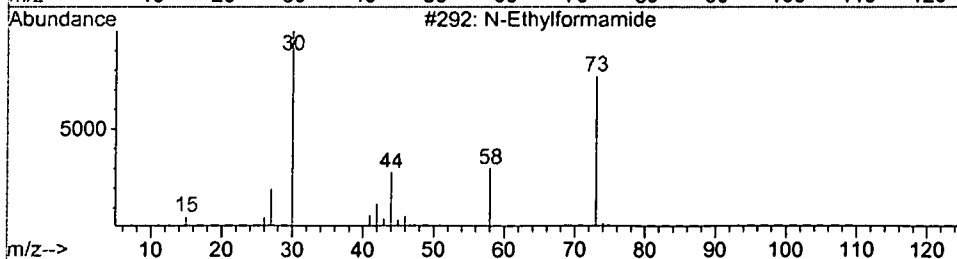
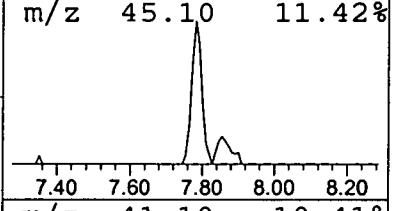
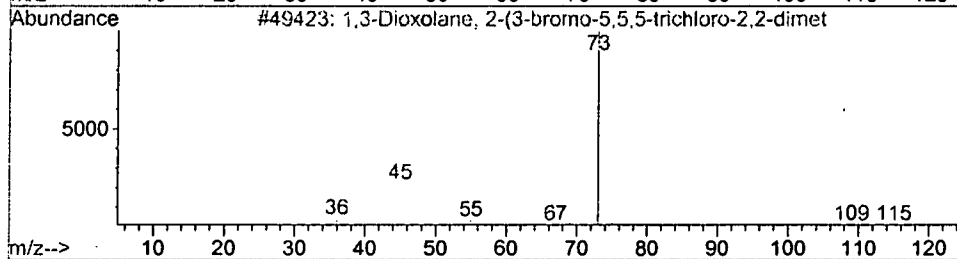
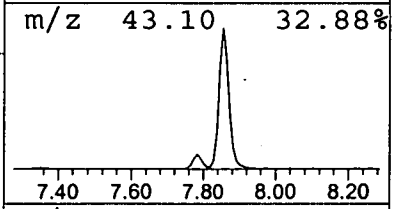
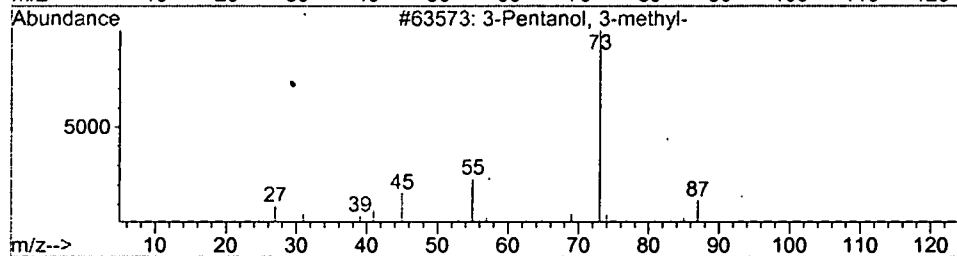
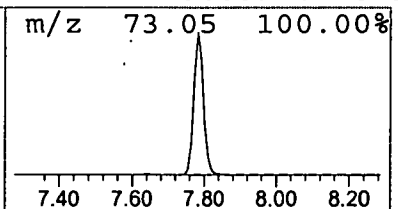
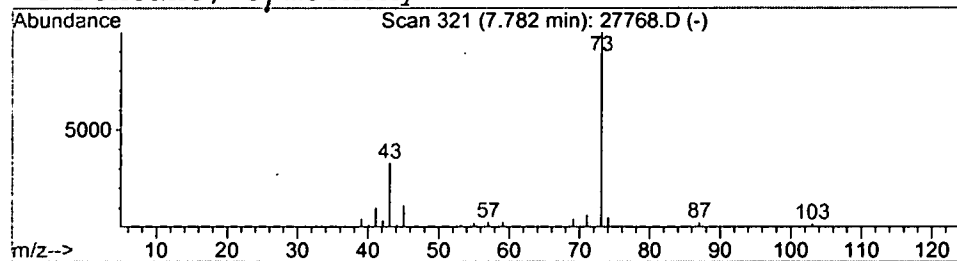
Vial: 11
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 5 3-Pentanol, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	0.84 ng/uL	281326	1,4-Dichlorobenzene-d4	11.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2			1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	23
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27768.D
Acq On : 20 Dec 2001 5:02 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

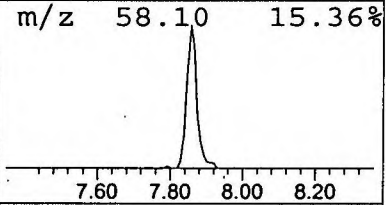
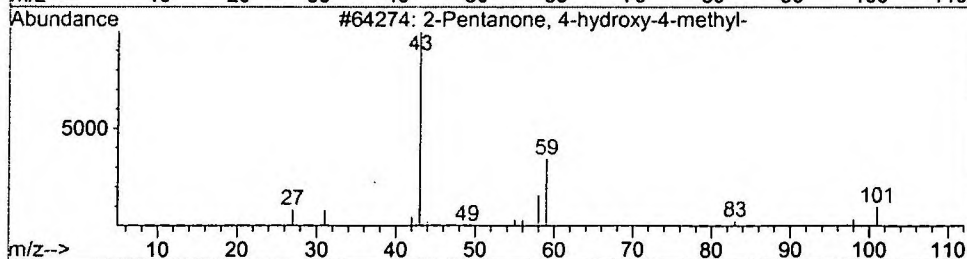
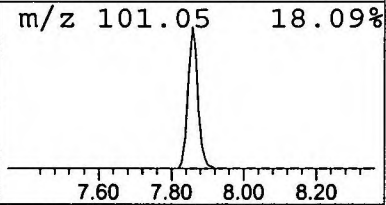
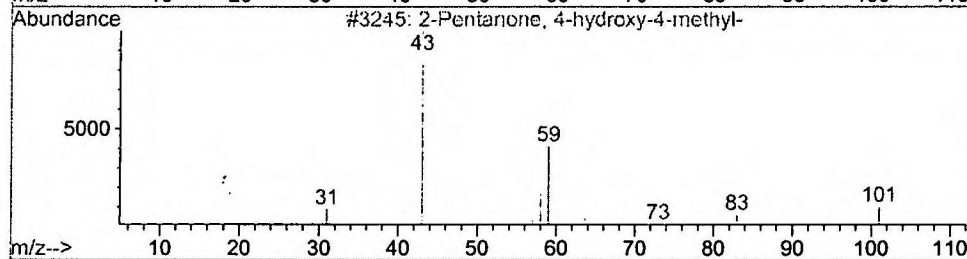
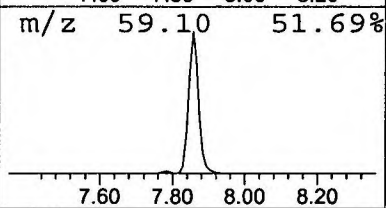
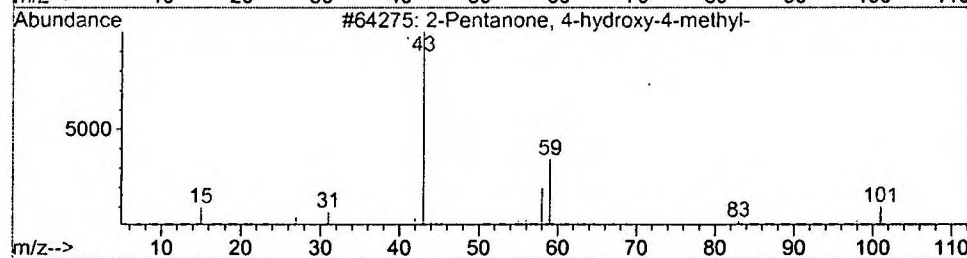
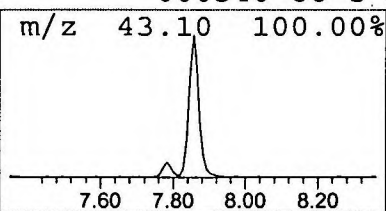
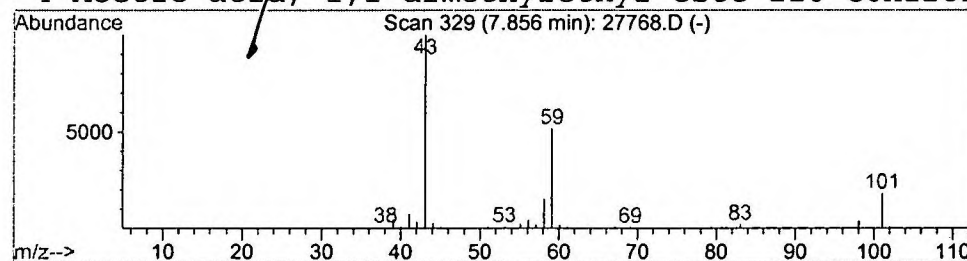
Vial: 11
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 6 2-Pentanone, 4-hydroxy-4-methyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.38 ng/uL	1125320	1,4-Dichlorobenzene-d4	11.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36		
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	25		



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 5:02 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27768.D
Name: gcms unknown 11/16
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Hexanone	6.49	2.3	ng/uL	759530	ISTD01	11.87	6661430	20.0
2-Hexanone	6.59	4.2	ng/uL	1389020	ISTD01	11.87	6661430	20.0
3-Hexanol	6.73	2.0	ng/uL	679347	ISTD01	11.87	6661430	20.0
2-Hexanol	6.84	3.0	ng/uL	997325	ISTD01	11.87	6661430	20.0
3-Pentanol, 3-methyl	7.78	0.8	ng/uL	281326	ISTD01	11.87	6661430	20.0
2-Pentanone, 4-hydro	7.86	3.4	ng/uL	1125320	ISTD01	11.87	6661430	20.0

27768.D NP112701.M Thu Dec 20 11:46:45 2001