

Jser: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:31:26

Sample: AD27622
 Analysis: \$GCMS GCMS Scan For Unknowns
 Jnits: ug
 Started: 1/3/02 14:28 Ended: 1/3/02 14:28 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 AD27622 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-03-2002 Time: 14:31:36

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\27622.D

Vial: 22

Acq On : 20 Dec 2001 5:04 pm

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 8:44 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	11.86	152	915287	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.47	136	3683211	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.75	164	1626536	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	2453647	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	1707833	20.00	ng/uL	-0.08
68) Perylene-d12	37.25	264	887309	20.00	ng/uL	-0.09

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	11.85	132	995	0.02	ng/uL	0.43
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.03%#	
7) 1,2-Dichlorobenzene-d4	11.97	152	2251	0.06	ng/uL	-0.49
Spiked Amount	50.000	Range 26 - 73	Recovery	=	0.12%#	
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range 55 - 98	Recovery	=	0.00%#	
32) 2-Fluorobiphenyl	18.90	172	1600	0.02	ng/uL	0.06
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	0.00	79	0	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	0.00	45	0	N.D.	
16) 3&4-Methylphenol	0.00	108	0	N.D.	

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

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Quantitation Report

(QT Reviewed)

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Vial: 22

Acq On : 20 Dec 2001 5:04 pm

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 8:44 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
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	0.00	65	0	N.D.		
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
45) Diethylphthalate	22.23	149	575	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	27.14	149	7836	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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27622.D

Vial: 22

Acq On : 20 Dec 2001 5:04 pm

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 8:44 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	0.00	149	0		N.D.	
65) Benzo(a)anthracene	33.17	228	4042		N.D.	
66) Bis(2-ethylhexyl)phthalate	33.41	149	15795		N.D.	
67) Chrysene	33.17	228	4042		N.D.	
69) Di-n-Octylphthalate	0.00	149	0		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	37.25	252	2954		N.D.	
73) Indeno(1,2,3-cd)pyrene	0.00	276	0		N.D.	
74) Dibenz(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

27622.D NP112701.M

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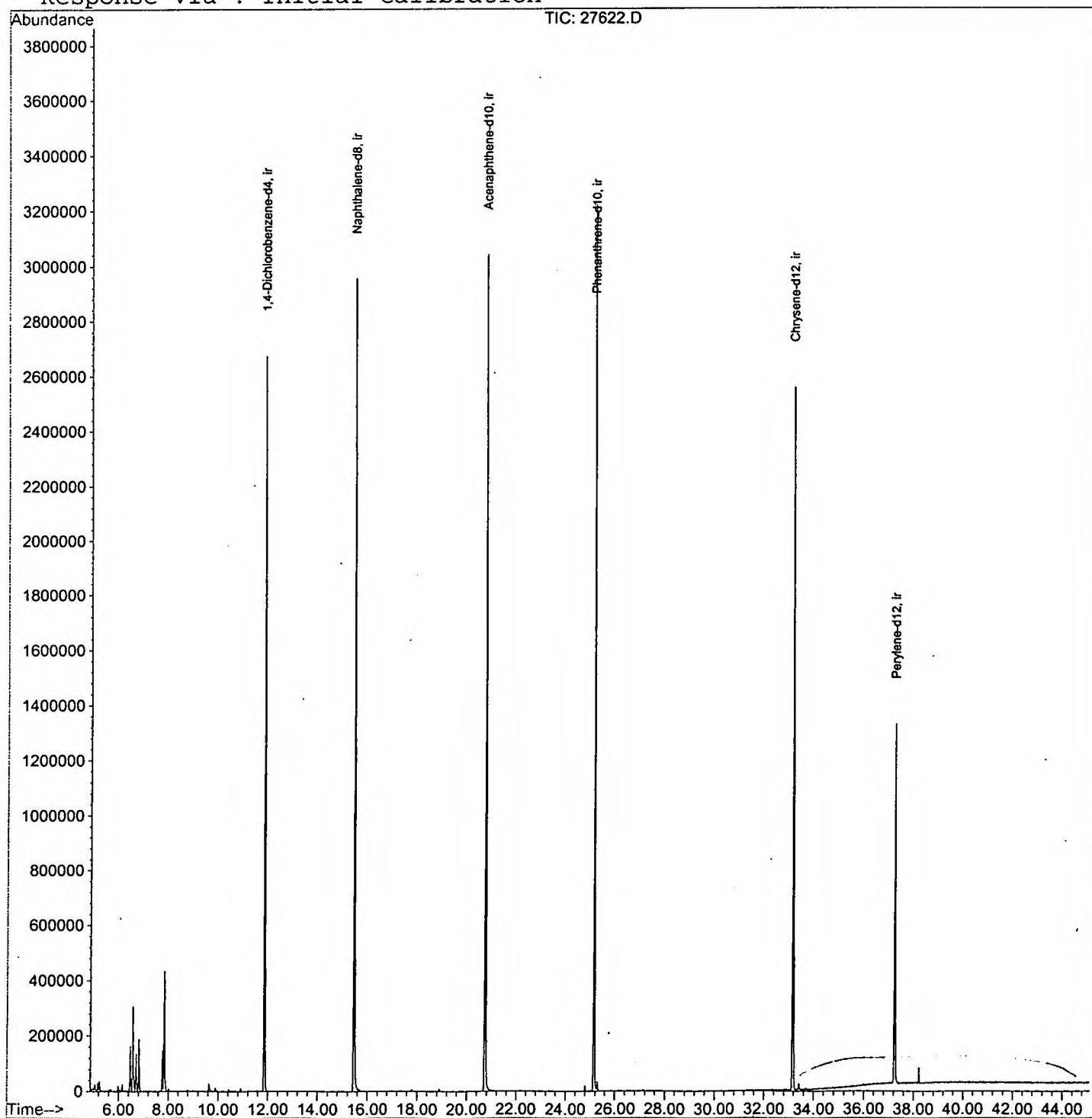
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27622.D
Acq On : 20 Dec 2001 5:04 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 21 8:44 2001

Vial: 22
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\27622.D

Vial: 22

Acq On : 20 Dec 2001 5:04 pm

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	6.472	172	178	184	rBV	163004	311642	4.14%	0.784%
2	6.572	184	189	200	rVV	306469	687152	9.12%	1.729%
3	6.710	200	204	210	rVV	136268	255157	3.39%	0.642%
4	6.820	210	216	227	rVB	188981	367327	4.88%	0.924%
5	7.765	315	319	323	rBV	147037	272059	3.61%	0.684%
6	7.838	323	327	342	rVB	434141	872079	11.57%	2.194%
7	11.854	760	765	776	rVB	2674139	5748033	76.29%	14.461%
8	15.467	1152	1159	1177	rBV	2956694	7534903	100.00%	18.957%
9	20.749	1726	1735	1750	rBV	3043531	7347768	97.52%	18.486%
10	25.160	2207	2216	2227	rBV2	3221293	7071959	93.86%	17.792%
11	33.166	3082	3089	3101	rVB2	2554682	5743875	76.23%	14.451%
12	37.246	3526	3534	3544	rBV2	1303867	3535621	46.92%	8.895%

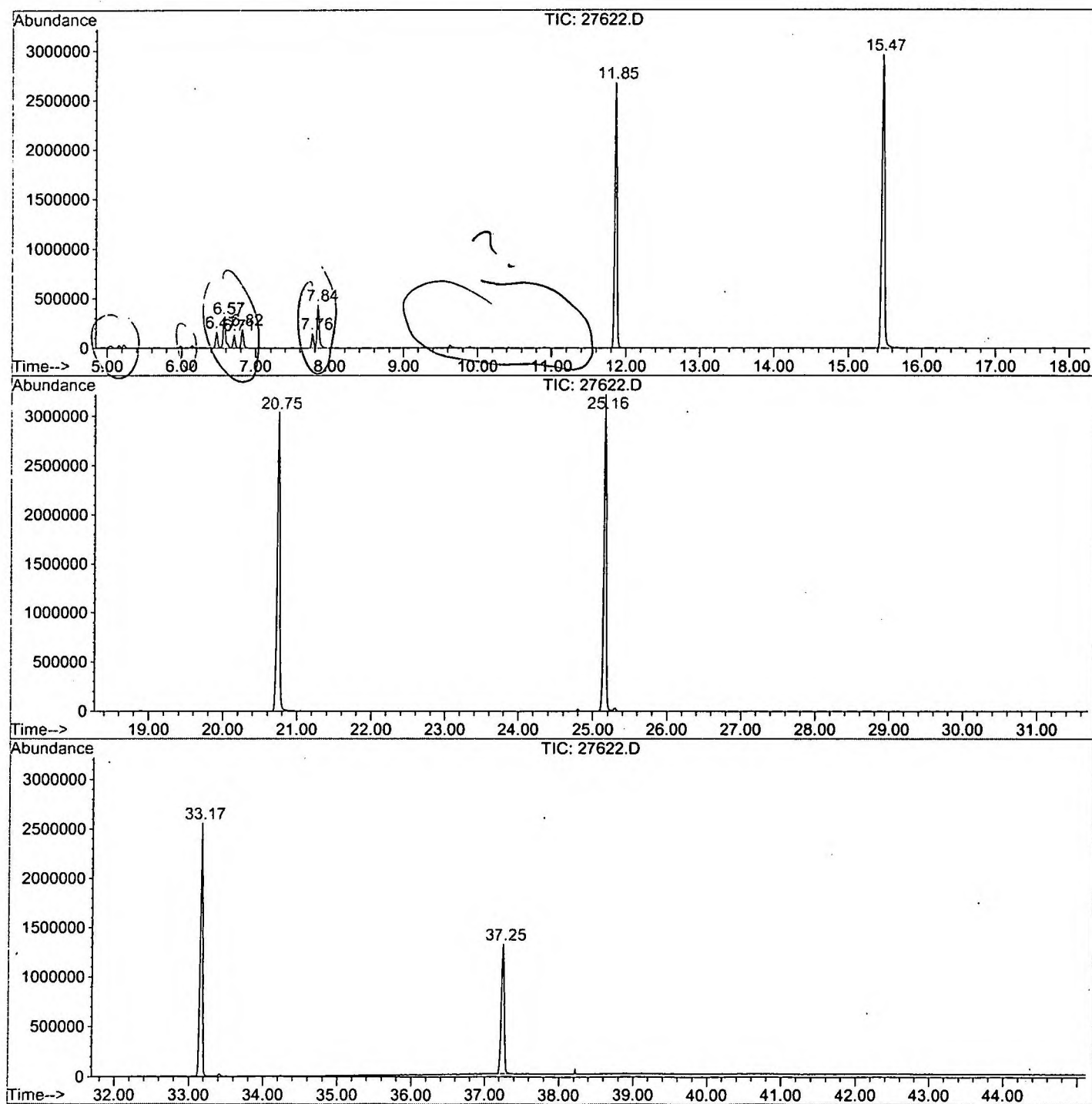
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27622.D NP112701.M

Fri Dec 21 09:16:29 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27622.D
Operator : GALOS
Acquired : 20 Dec 2001 5:04 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 22
Quant File :NP112701.RES (RTE Integrator)



27622.D NP112701.M

Fri Dec 21 09:16:34 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27622.D
 Acq On : 20 Dec 2001 5:04 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

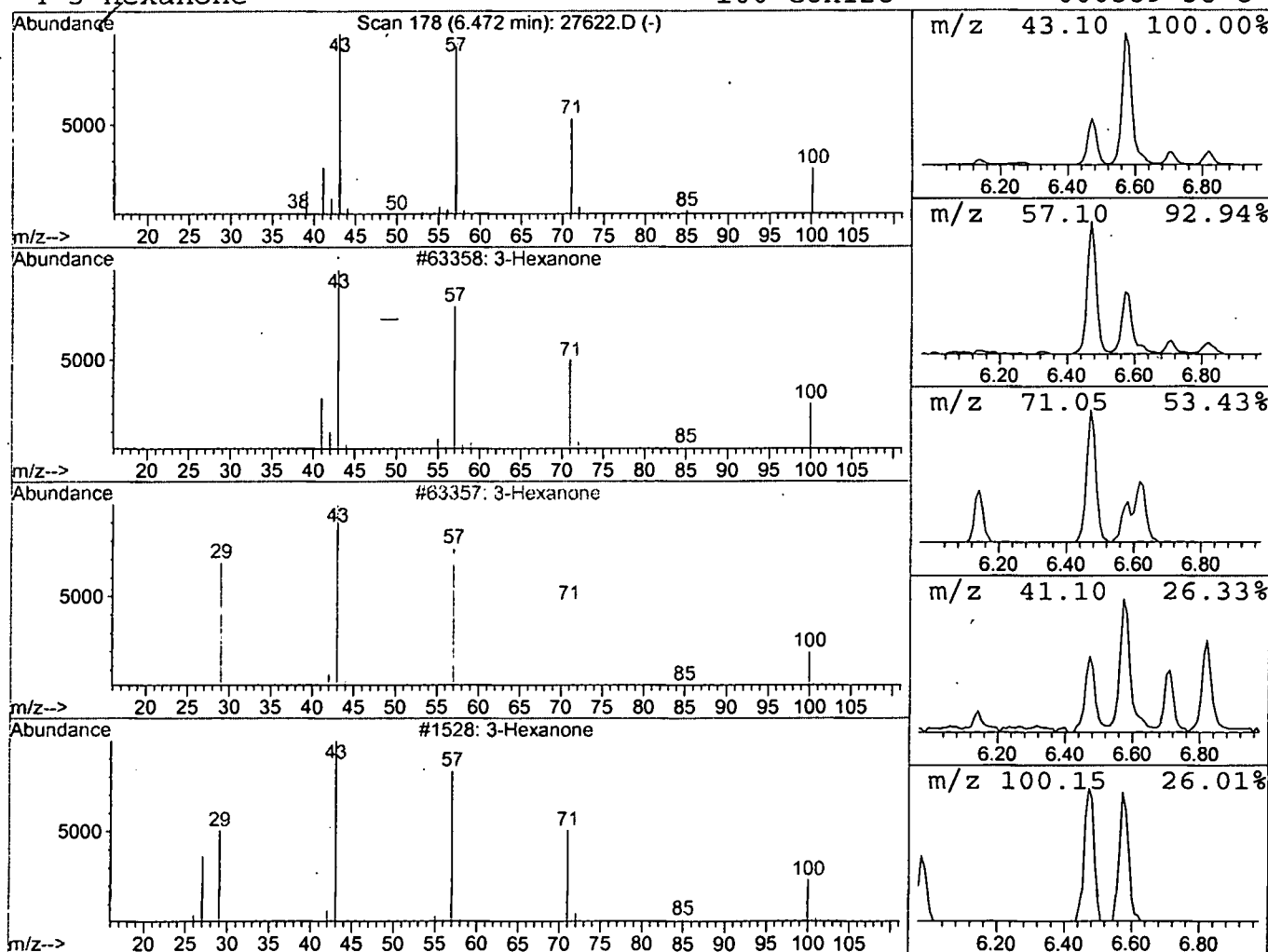
Vial: 22
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
6.47	1.08 ng/uL	311642	1,4-Dichlorobenzene-d4	11.86

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	91
4		3-Hexanone	100	C6H12O	000589-38-8	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27622.D
 Acq On : 20 Dec 2001 5:04 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

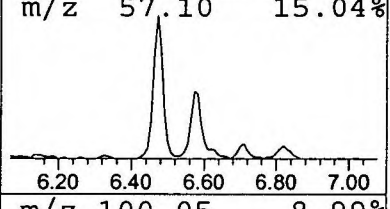
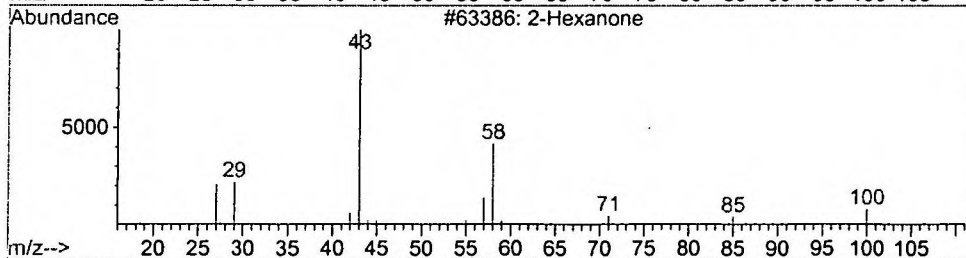
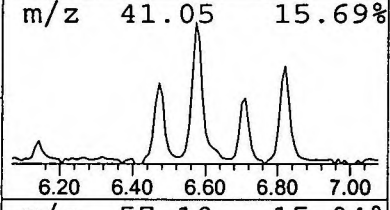
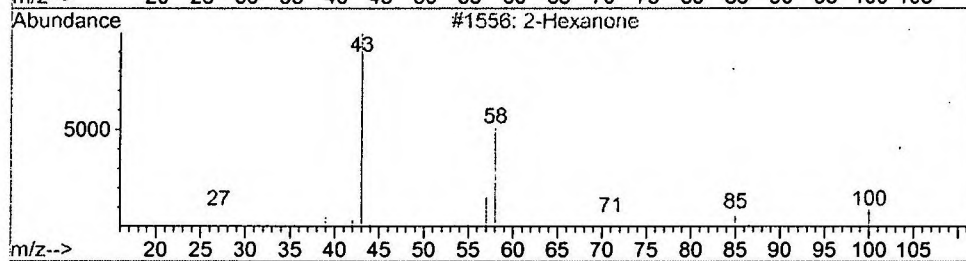
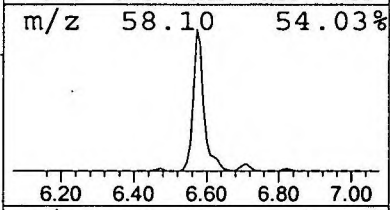
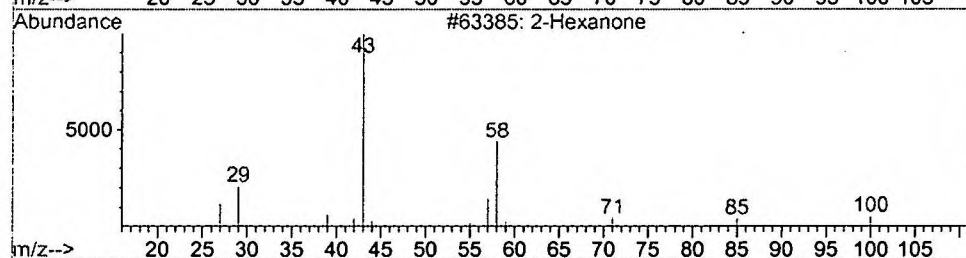
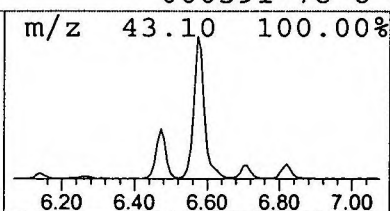
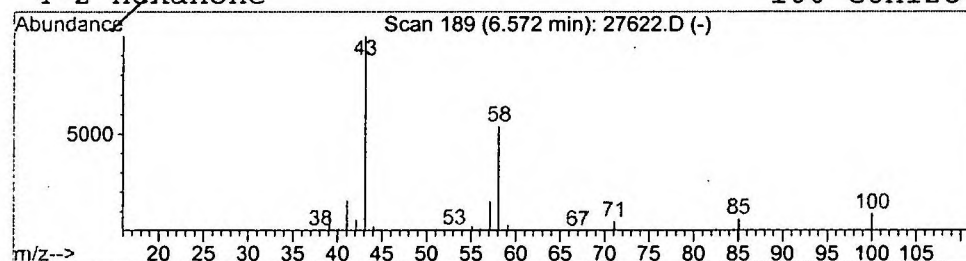
Vial: 22
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	2.39 ng/uL	687152	1,4-Dichlorobenzene-d4	11.86

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 5:04 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

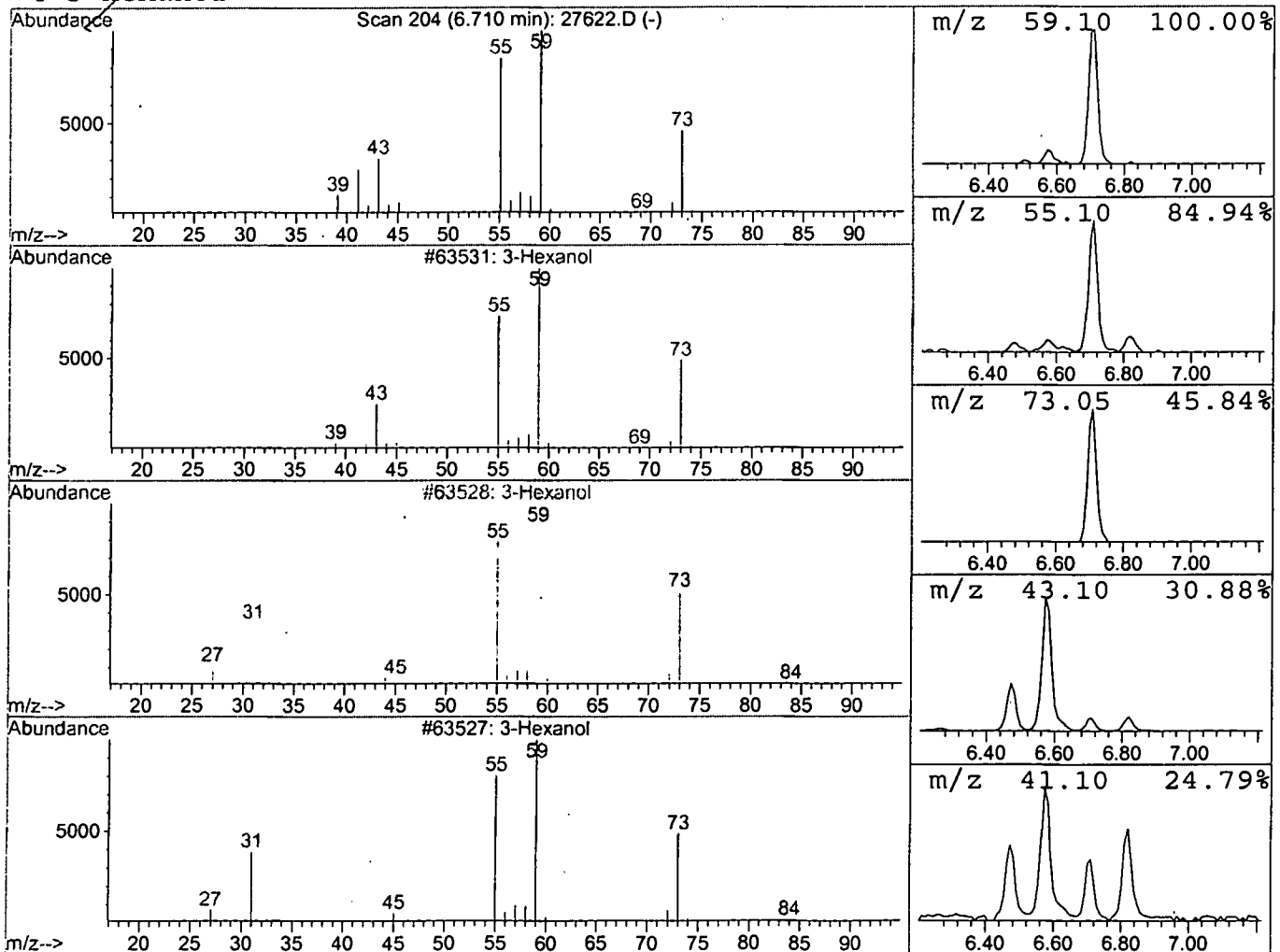
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 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
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 Peak Number 3 3-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	0.89 ng/uL	255157	1,4-Dichlorobenzene-d4	11.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexanol	102	C6H14O	000623-37-0	90
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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Acq On : 20 Dec 2001 5:04 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

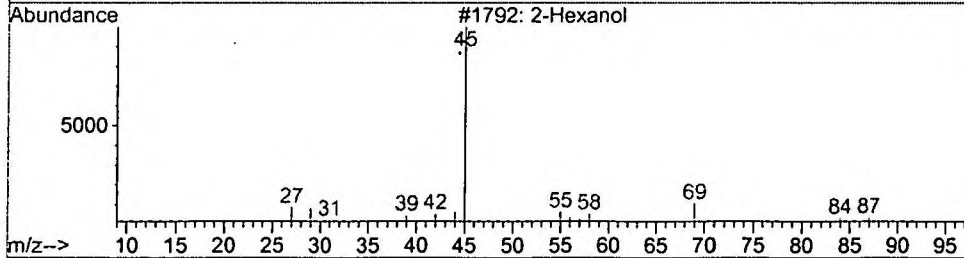
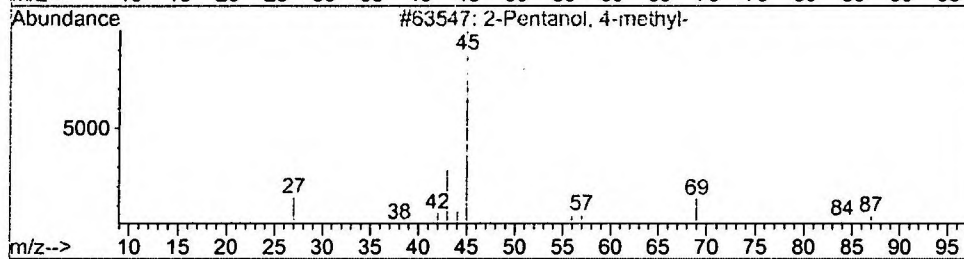
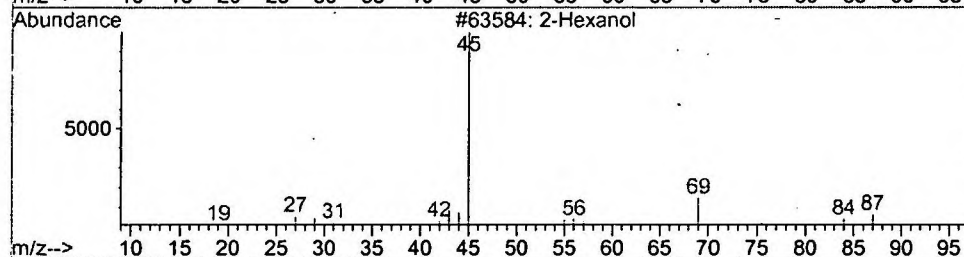
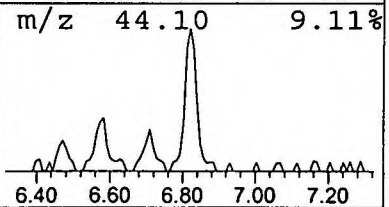
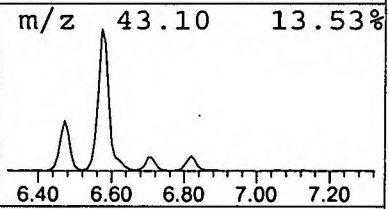
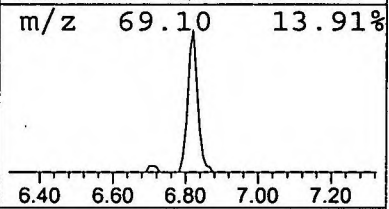
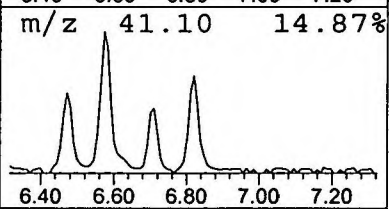
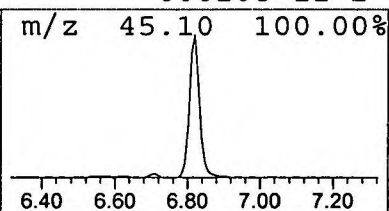
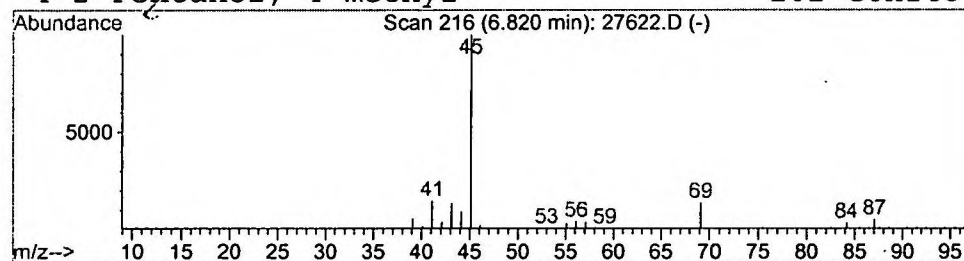
Vial: 22
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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.
6.82	1.28 ng/uL	367327	1,4-Dichlorobenzene-d4	11.86

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	78
3	2-Hexanol			102	C6H14O	000626-93-7	74
4	2-Pentanol, 4-methyl-			102	C6H14O	000108-11-2	64



Library Search Compound Report

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 MS Integration Params: LSCINT.P

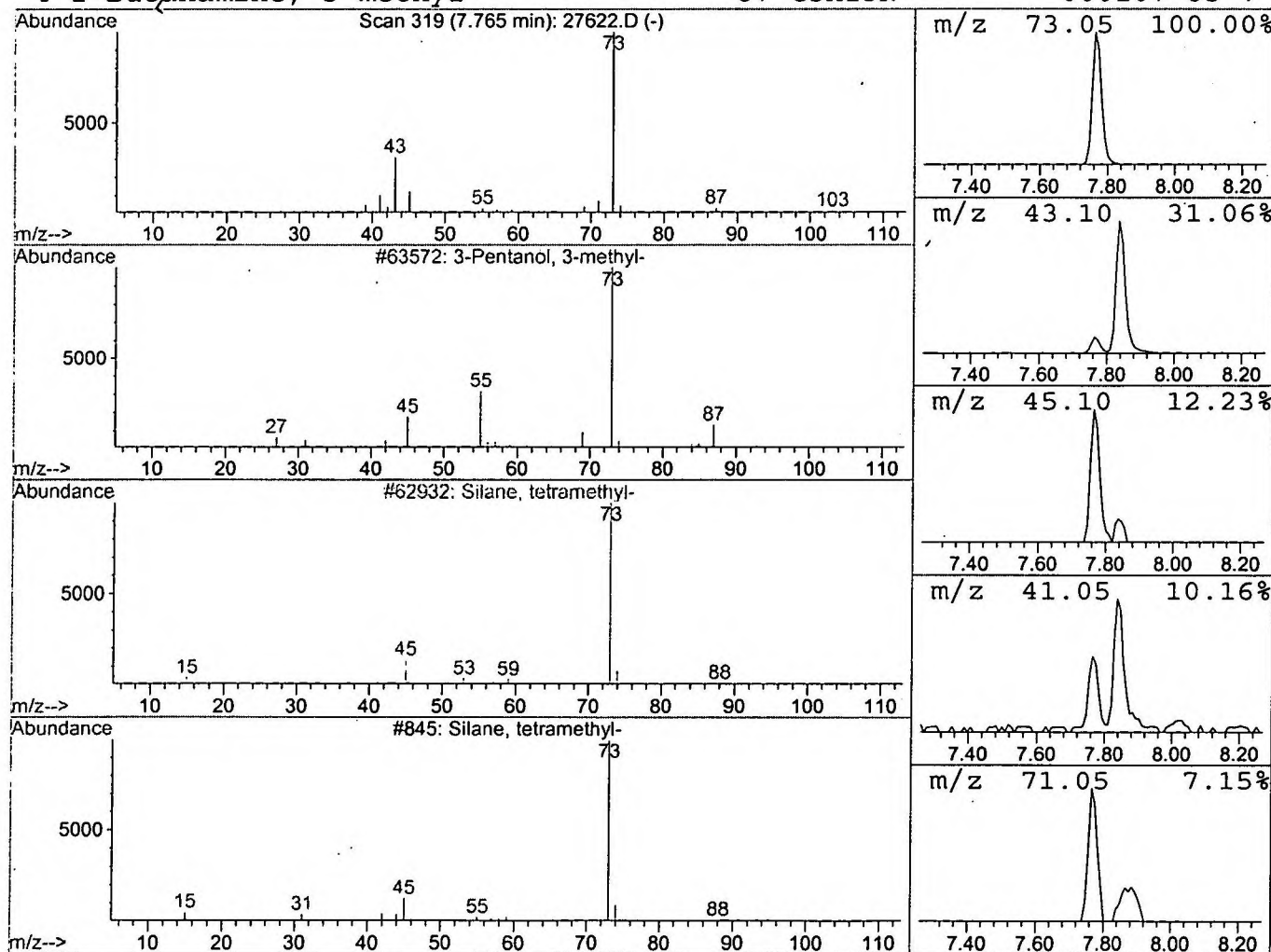
Vial: 22
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	0.95 ng/uL	272059	1,4-Dichlorobenzene-d4	11.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27622.D
 Acq On : 20 Dec 2001 5:04 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

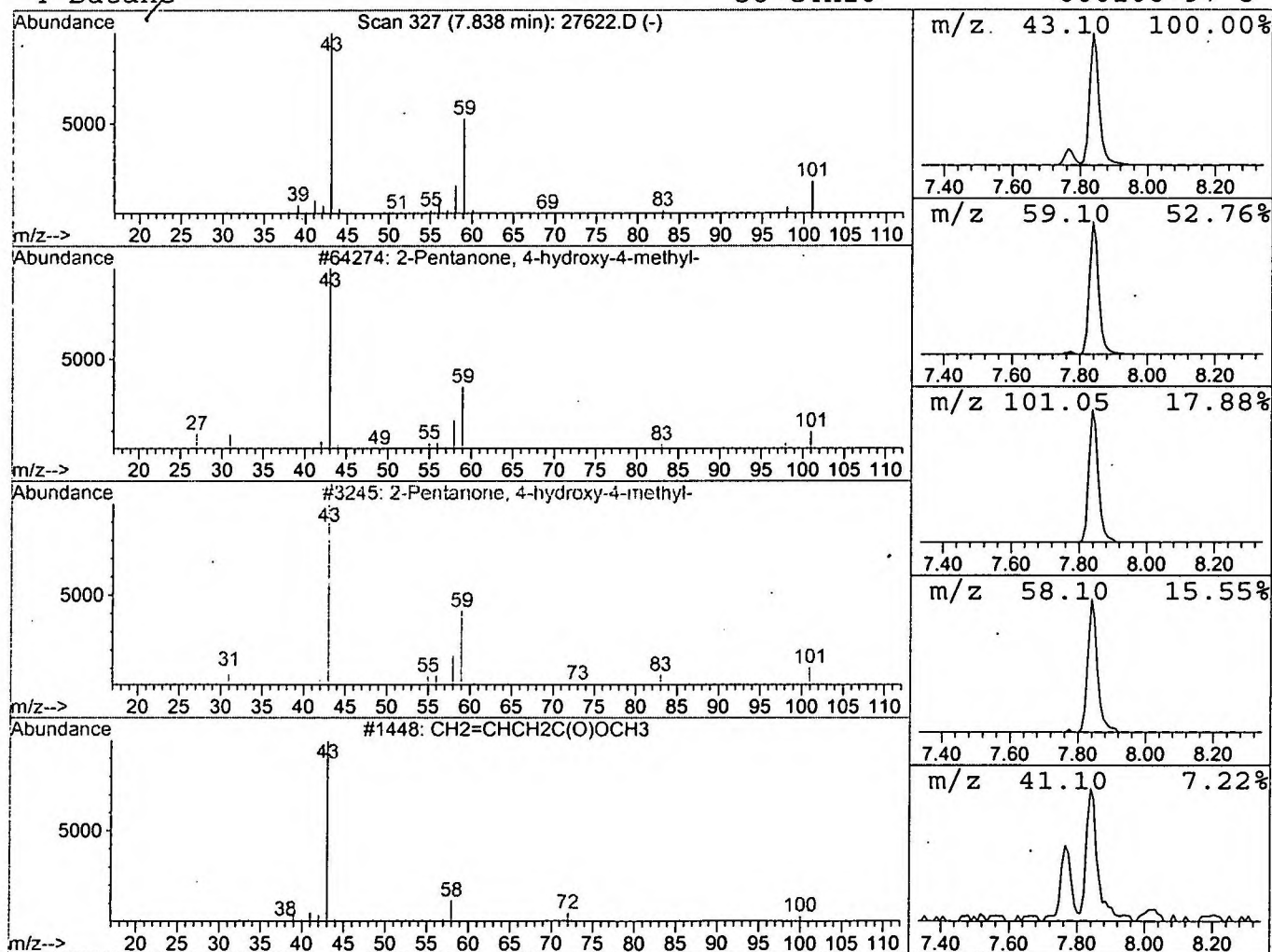
Vial: 22
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.03 ng/uL	872079	1,4-Dichlorobenzene-d4	11.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4			Butane	58	C4H10	000106-97-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 5:04 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\27622.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	6.47	1.1	ng/uL	311642	ISTD01	11.86	5748030	20.0
2- Hexanone	6.57	2.4	ng/uL	687152	ISTD01	11.86	5748030	20.0
3- Hexanol	6.71	0.9	ng/uL	255157	ISTD01	11.86	5748030	20.0
2- Hexanol	6.82	1.3	ng/uL	367327	ISTD01	11.86	5748030	20.0
3- Pentanol , 3-methyl	7.76	0.9	ng/uL	272059	ISTD01	11.86	5748030	20.0
2- Pentanone , 4-hydro	7.84	3.0	ng/uL	872079	ISTD01	11.86	5748030	20.0

27622.D NP112701.M Fri Dec 21 09:16:56 2001