

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 12:32:30

Sample: AD29781
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 12:31 Ended: 1/9/02 12:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		5.0

Comments for Sample AD29781 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-09-2002 Time: 12:32:43

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

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D

Vial: 48

Acq On : 16 Dec 2001 12:35 pm

Operator: 209 GALOS

Sample : gcms scan 12/11

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Dec 28 14:50 2001

Quant Results File: GCMS1126.RES

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

Title : 209 625/TCLP calibration table

Last Update : Fri Dec 14 12:19:30 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	860066	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3290710	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1644834	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2380262m	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1474807	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	928955	20.00	ug/l	-0.02

System Monitoring Compounds

37) 2,4-DDD	30.05	235	131835	3.83	ug/mL	-0.02
Spiked Amount	5.000		Recovery	=	76.60%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	5.19	74	818	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	0.00	77	0	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	15.33	128	1598	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.	
22) Acenaphthylene	0.00	152	0	N.D.	
23) Acenaphthene	0.00	153	0	N.D.	
24) 2,4-Dinitrotoluene	21.09	165	316	N.D.	
25) Diethylphthalate	22.10	149	798	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

29781.D GCMS1126.M Fri Dec 28 14:51:01 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D

Vial: 48

Acq On : 16 Dec 2001 12:35 pm

Operator: 209 GALOS

Sample : gcms scan 12/11

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Dec 28 14:50 2001

Quant Results File: GCMS1126.RES

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

Title : 209 625/TCLP calibration table

Last Update : Fri Dec 14 12:19:30 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

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	25.04	178	232	N.D.		
34) Anthracene	25.04	178	232	N.D.		
35) Di-n-butylphthalate	27.00	149	4177	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	33.01	228	3926	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.30	149	6897	N.D.		
43) Chrysene	33.01	228	3926	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	37.11	252	3149	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

29781.D GCMS1126.M

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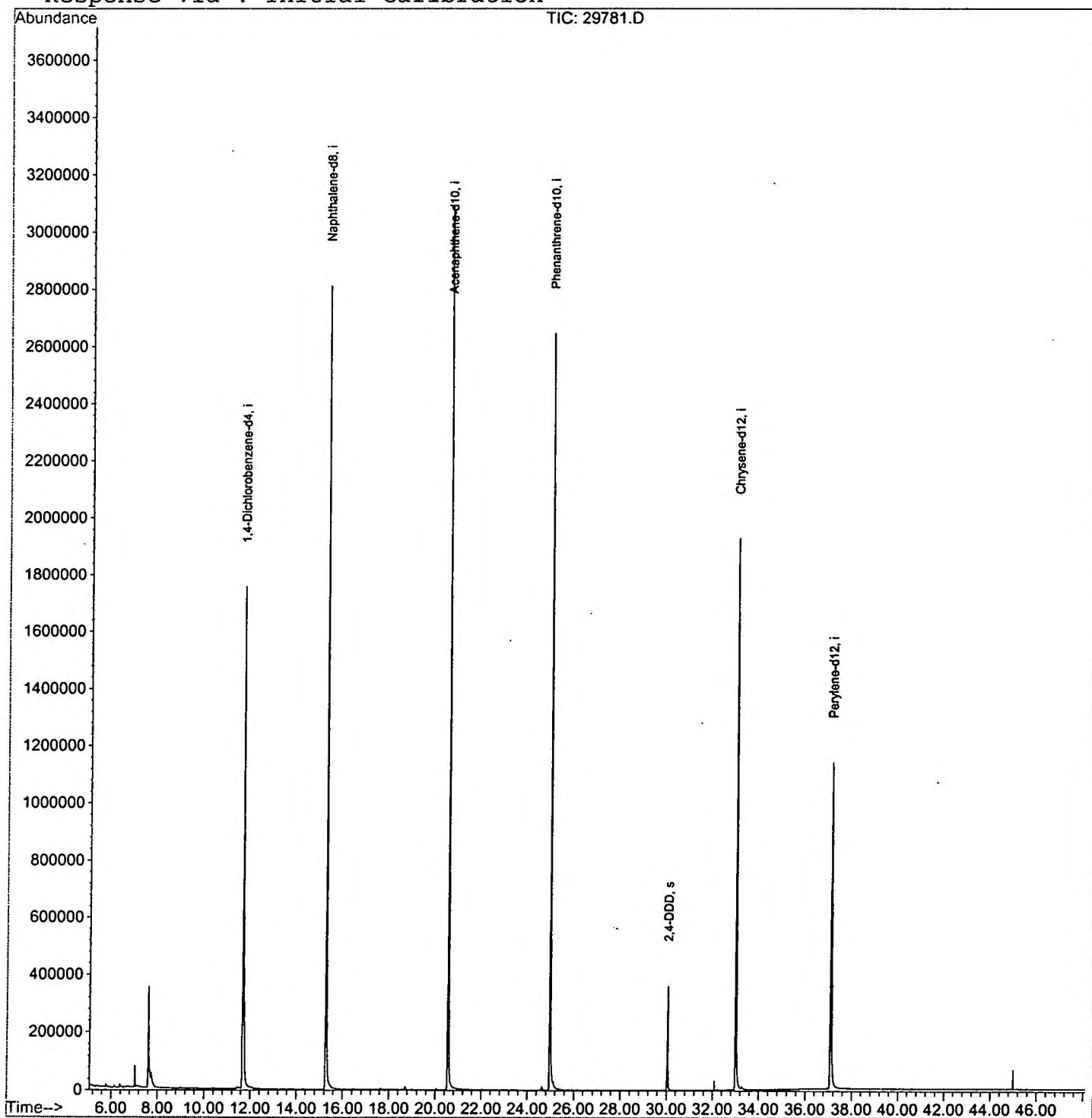
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D
Acq On : 16 Dec 2001 12:35 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 28 14:50 2001

Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D

Acq On : 16 Dec 2001 12:35 pm

Sample : gcms scan 12/11

Misc :

MS Integration Params: LSCINT.P

Vial: 48

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

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

Title : 209 625/TCLP calibration table

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1 % of largest Peak

Max Peaks: 100

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	7.600	274	278	290	rBV	349992	974457	14.09%	2.832%
2	7.728	290	292	309	rVB	51165	211281	3.05%	0.614%
3	11.667	716	721	745	rBV	1750700	4874688	70.48%	14.168%
4	15.274	1109	1114	1133	rBV	2807968	6313331	91.28%	18.349%
5	20.553	1683	1689	1713	rBV	3091259	6916405	100.00%	20.102%
6	24.969	2164	2170	2183	rBV2	2645595	6303645	91.14%	18.321%
7	30.055	2718	2724	2732	rBV	358679	754244	10.91%	2.192%
8	33.011	3039	3046	3064	rBV	1925576	4656767	67.33%	13.534%
9	37.096	3484	3491	3514	rBV2	1135090	3402218	49.19%	9.888%

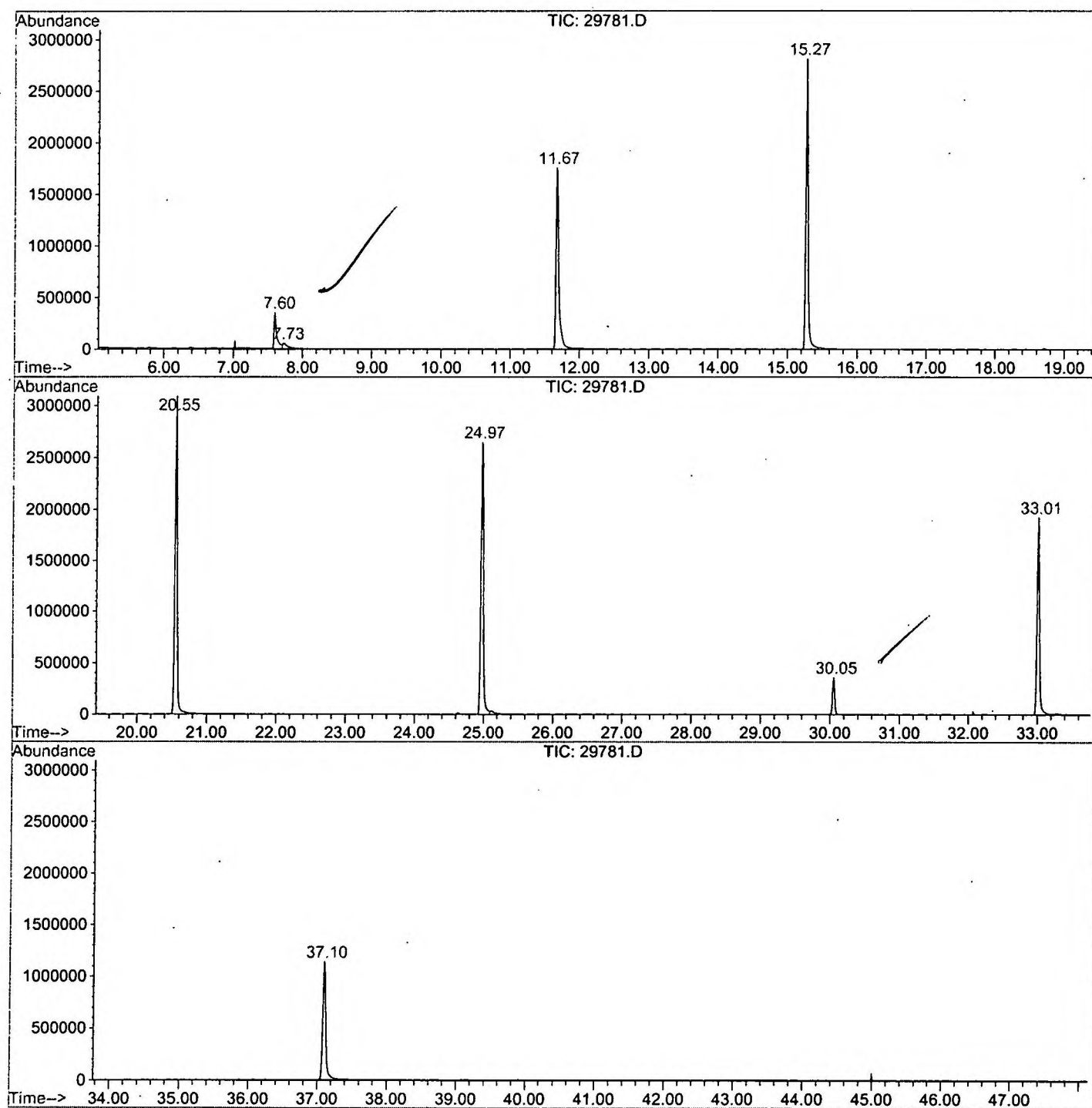
Sum of corrected areas: 34407036

29781.D GCMS1126.M

Fri Dec 28 14:51:48 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29781.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 12:35 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 48
Quant File : GCMS1126.RES (RTE Integrator)



29781.D GCMS1126.M

Fri Dec 28 14:51:54 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D
Acq On : 16 Dec 2001 12:35 pm
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

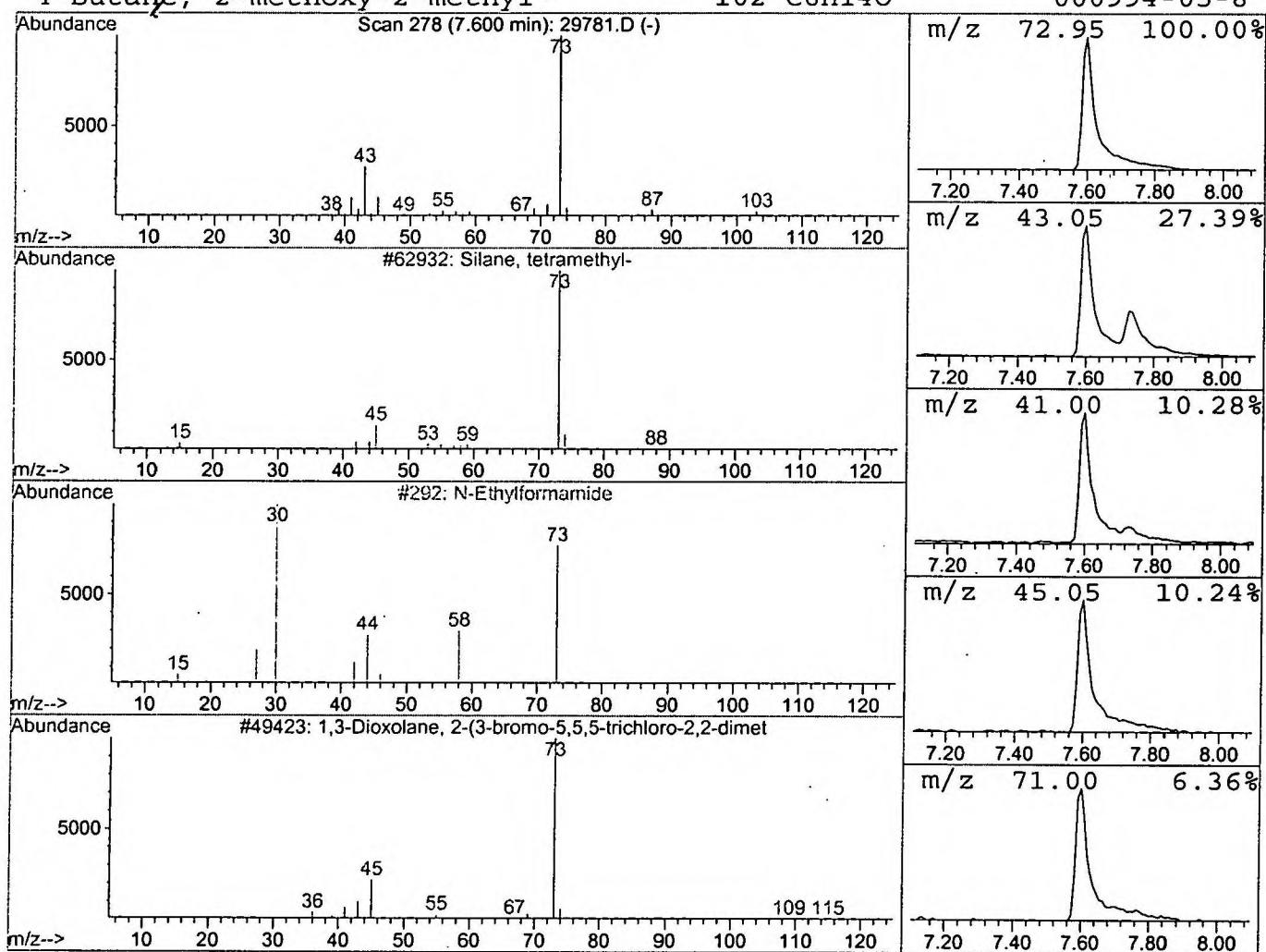
Vial: 48
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.00 ug/l	974457	1,4-Dichlorobenzene-d4	11.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29781.D
 Acq On : 16 Dec 2001 12:35 pm
 Sample : gcms scan 12/11
 Misc :
 MS Integration Params: LSCINT.P

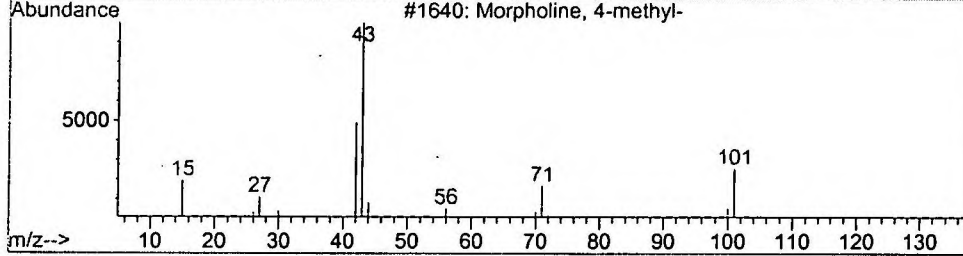
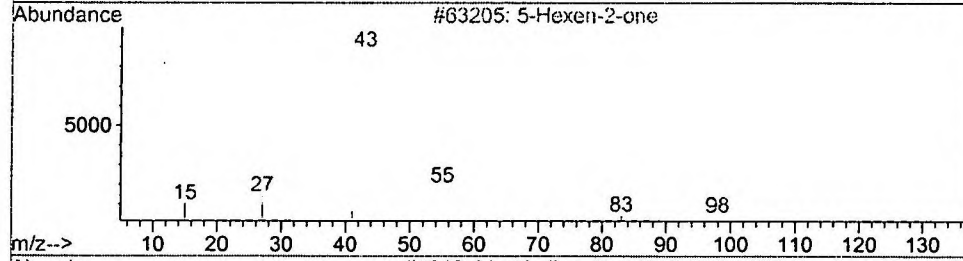
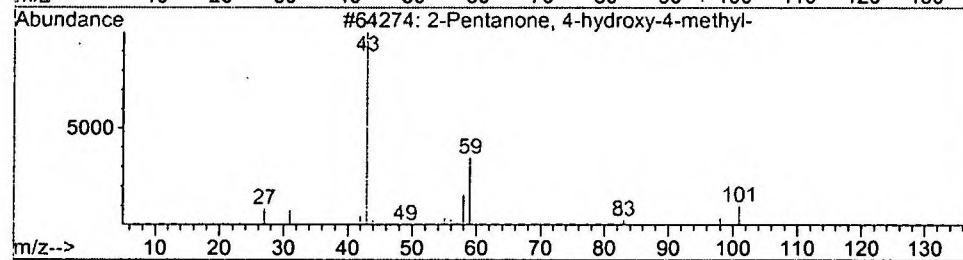
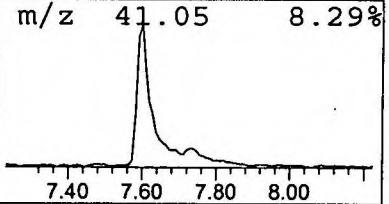
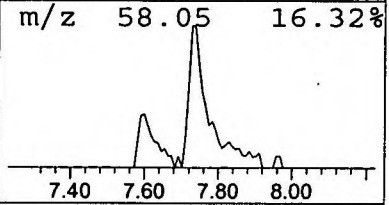
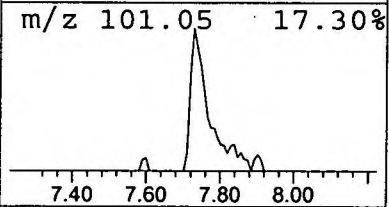
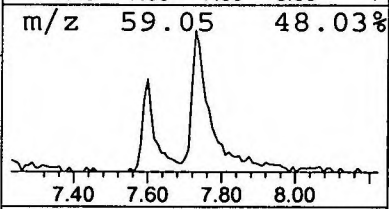
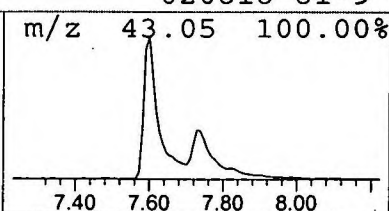
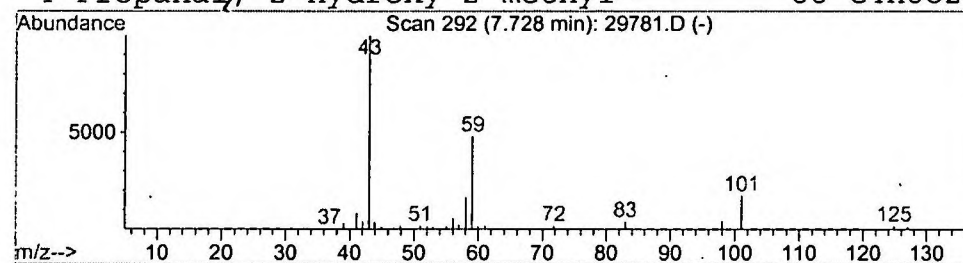
Vial: 48
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.87 ug/l	211281	1,4-Dichlorobenzene-d4	11.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2		5-Hexen-2-one	98	C6H10O	000109-49-9	10
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 12:35 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29781.D
Name: gcms scan 12/11
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
Silane, tetramethyl-	7.60	4.0	ug/l	974457	ISTD01	11.68	4874690	20.0
2-Pentanone, 4-hydro	7.73	0.9	ug/l	211281	ISTD01	11.68	4874690	20.0

29781.D GCMS1126.M Fri Dec 28 14:52:08 2001