User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/25/2002 Time: 12:33:15

Sample: AD30983
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 12:33 Ended: 1/25/02 12:33 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		101		5.0

Comments for Sample AD30983 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-25-2002 Time: 12:33:18

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30983.D Vial: 37
Acq On : 1 Jan 2002 11:49 pm Operator: 209 GALOS
Sample : gcms scan 12/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 2 0:38 2002 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 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	681102	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	2606622	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	1320566	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	1880967	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	1091221	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	590805	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	104121	5.03	ug/mL	0.00
Spiked Amount 5.000			Recovery = 100.60%			
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	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	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.98	165	280	N.D.		
25) Diethylphthalate	22.19	149	788	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

Quantitation Report (QT Reviewed)

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Last Update : Fri Dec 28 15:11:00 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	25.00	178	225	N.D.	
34)	Anthracene	25.00	178	225	N.D.	
35)	Di-n-butylphthalate	27.06	149	4436	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.53	149	194	N.D.	
41)	Benzo(a)anthracene	33.02	228	2728	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	5941	N.D.	
43)	Chrysene	33.02	228	2728	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	37.13	252	2316	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.	

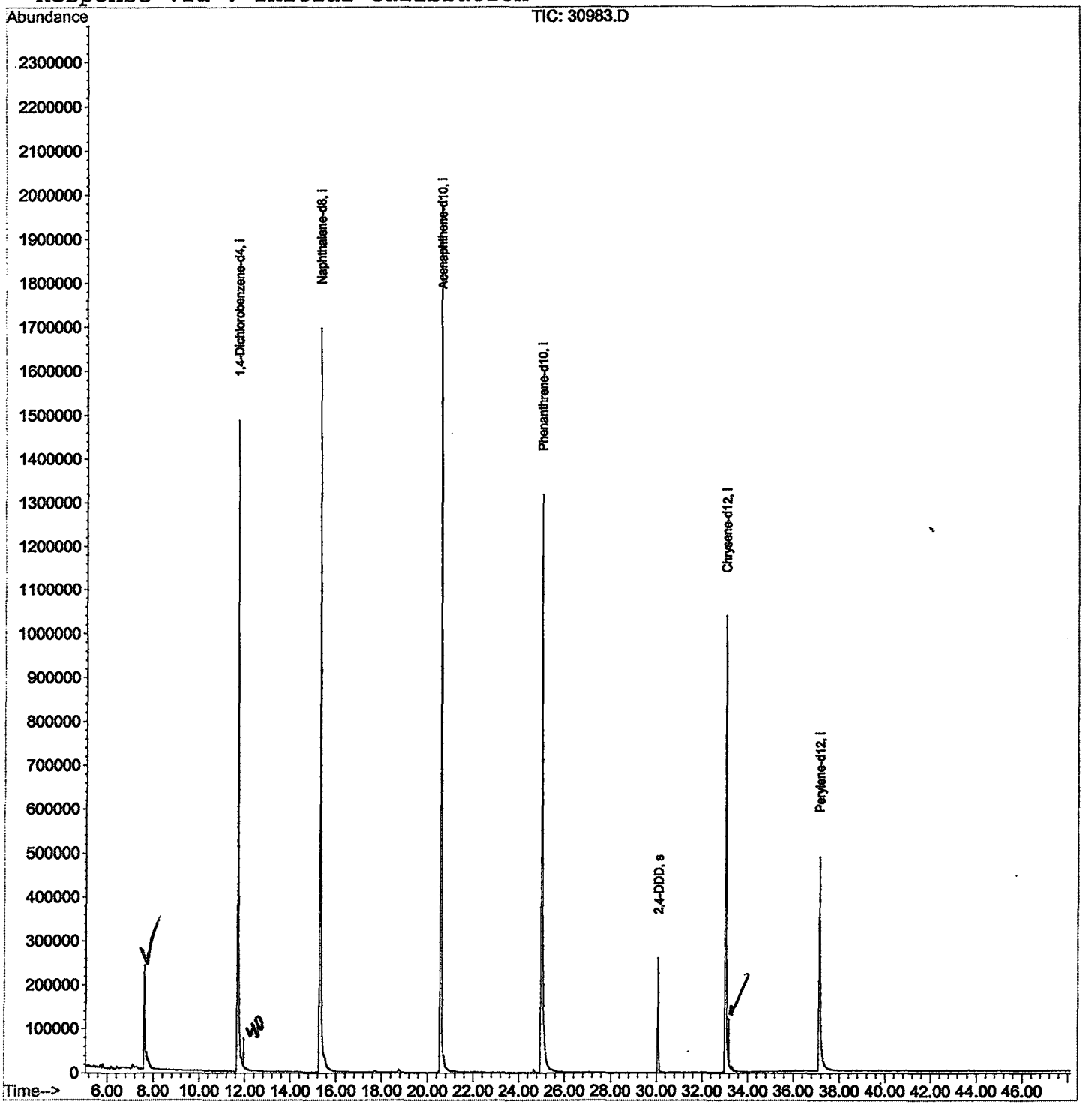
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30983.D
Acq On : 1 Jan 2002 11:49 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 2 0:38 2002

Vial: 37
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 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30983.D Vial: 37
Acq On : 1 Jan 2002 11:49 pm Operator: 209 GALOS
Sample : gcms scan 12/19 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

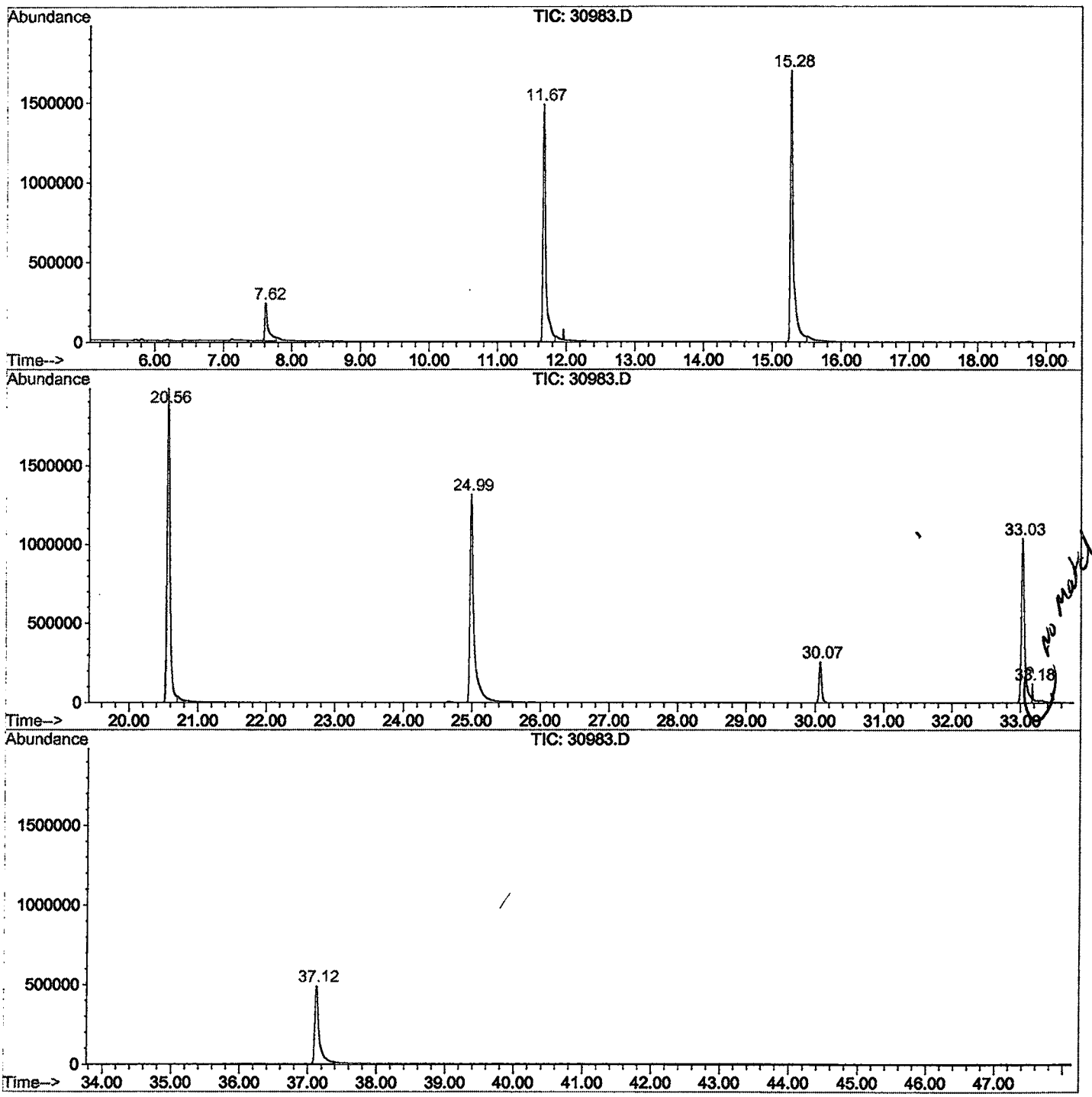
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.617	276	280	297	rBV	236215	779607	13.74%	2.866%
2	11.675	717	722	740	rBV	1485272	4083919	71.98%	15.011%
3	15.283	1109	1115	1139	rBV	1695632	5145275	90.68%	18.913%
4	20.561	1684	1690	1705	rBV	1982961	5674003	100.00%	20.856%
5	24.986	2166	2172	2218	rBV2	1317052	5273029	92.93%	19.382%
6	30.072	2720	2726	2738	rBV	259805	643710	11.34%	2.366%
7	33.028	3041	3048	3063	rBV2	1037339	3405383	60.02%	12.517%
8	33.175	3063	3064	3066	rVB	100539	58134	1.02%	0.214%
9	37.123	3487	3494	3524	rBV2	486493	2142371	37.76%	7.875%

Sum of corrected areas: 27205431

30983.D GCMS1126.M Wed Jan 23 08:51:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30983.D
Operator : 209 GALOS
Acquired : 1 Jan 2002 11:49 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19
Misc Info :
Vial Number: 37
Quant File :GCMS1126.RES (RTE Integrator)



30983.D GCMS1126.M Wed Jan 23 08:51:38 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30983.D
Acq On : 1 Jan 2002 11:49 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

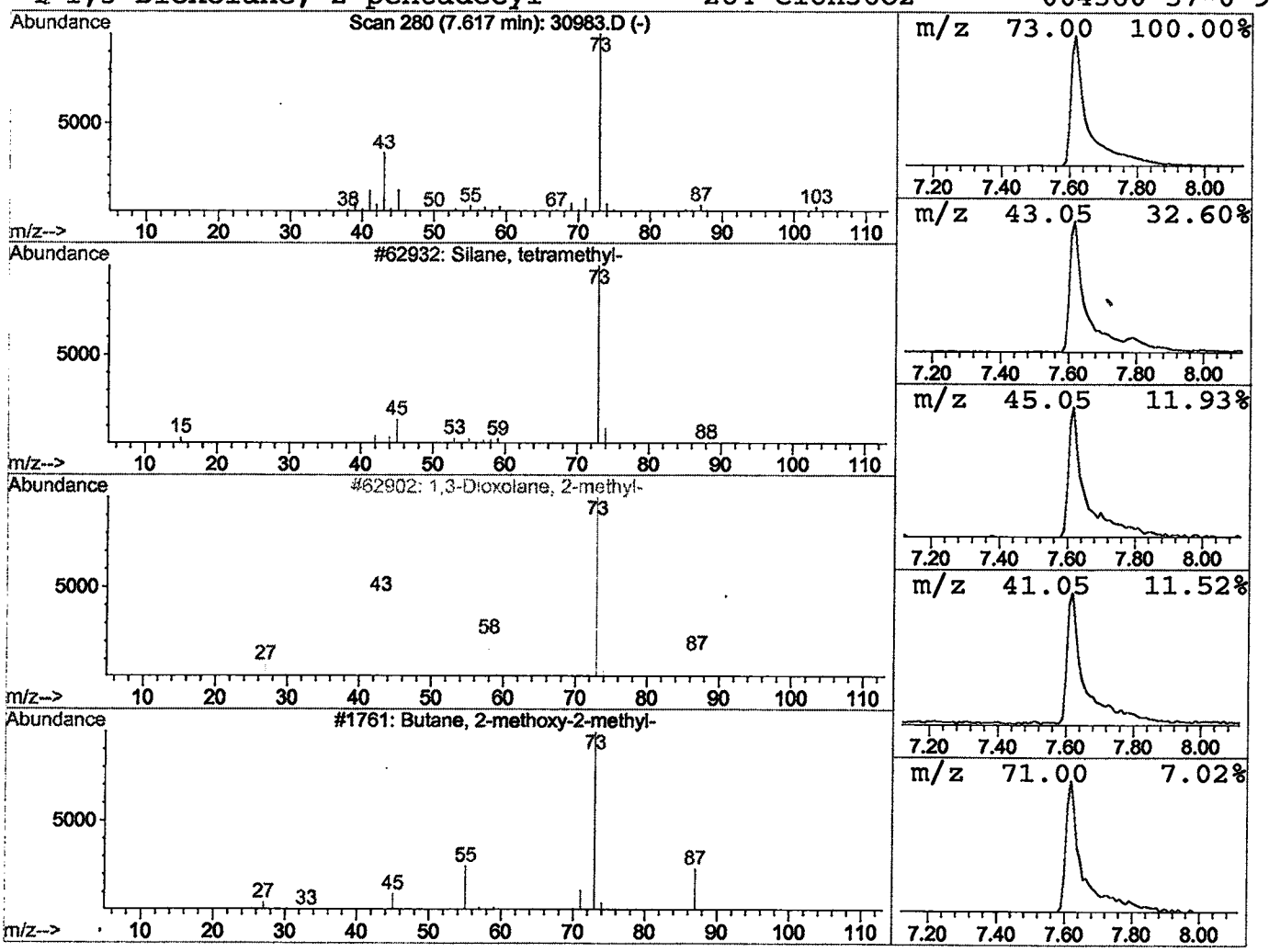
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.82 ug/l	779607	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30983.D
Acq On : 1 Jan 2002 11:49 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

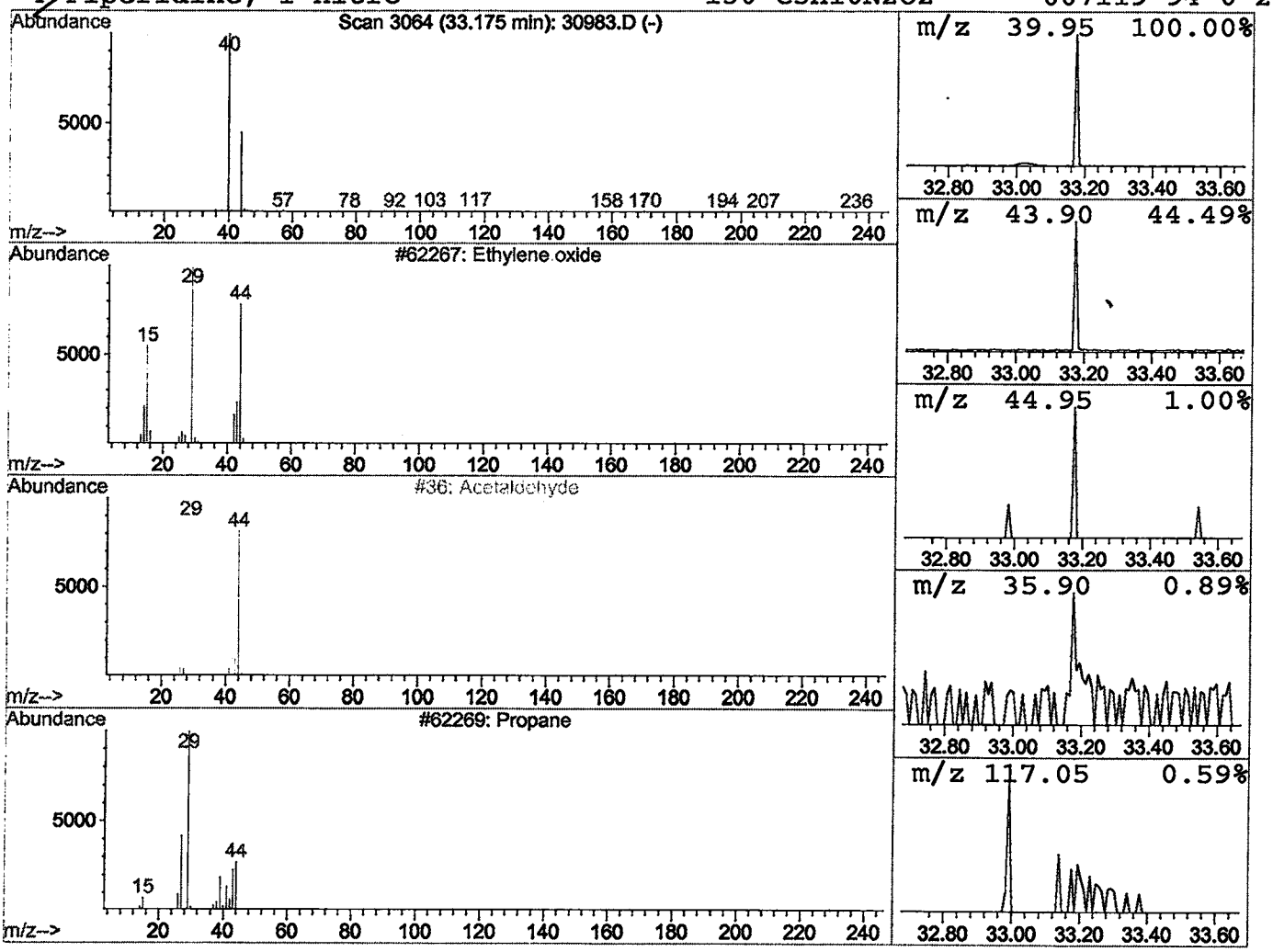
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Ethylene oxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.18	0.34 ug/l	58134	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene oxide	44	C2H4O	000075-21-8	3
2	Acetaldehyde	44	C2H4O	000075-07-0	3
3	Propane	44	C3H8	000074-98-6	2
4	Piperidine, 1-nitro-	130	C5H10N2O2	007119-94-0	2



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 11:49 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30983.D
Name: gcms scan 12/19
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-	7.62	3.8	ug/l	779607	ISTD01	11.67	4083920	20.0
Ethylene oxide	33.18	0.3	ug/l	58134	ISTD05	33.03	3405380	20.0

30983.D GCMS1126.M Wed Jan 23 08:51:53 2002

Column bleed