User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 14:47:39

Sample: AE00006
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 14:47 Ended: 2/15/02 14:47 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		111		5.0

Comments for Sample AE00006 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 14:48:10

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1302\6.D Vial: 8
Acq On : 13 Feb 2002 10:01 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 15 10:01 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	277935	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1065772	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	569107	20.00	ug/l	0.00
29) Phenanthrene-d10	25.75	188	837290	20.00	ug/l	-0.02
38) Chrysene-d12	33.82	240	591944	20.00	ug/l	-0.03
44) Perylene-d12	38.11	264	366150	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	46460	5.53	ug/mL	0.33
Spiked Amount 5.000			Recovery = 110.60%			
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	16.05	128	319	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	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	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)

Data File : C:\HPCHEM\1\DATA\FEB1302\6.D Vial: 8
Acq On : 13 Feb 2002 10:01 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	25.76	178	225	N.D.	
34)	Anthracene	25.76	178	225	N.D.	
35)	Di-n-butylphthalate	27.71	149	11743	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	33.82	228	1530	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.03	149	1502	N.D.	
43)	Chrysene	33.82	228	1530	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	38.11	252	1573	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

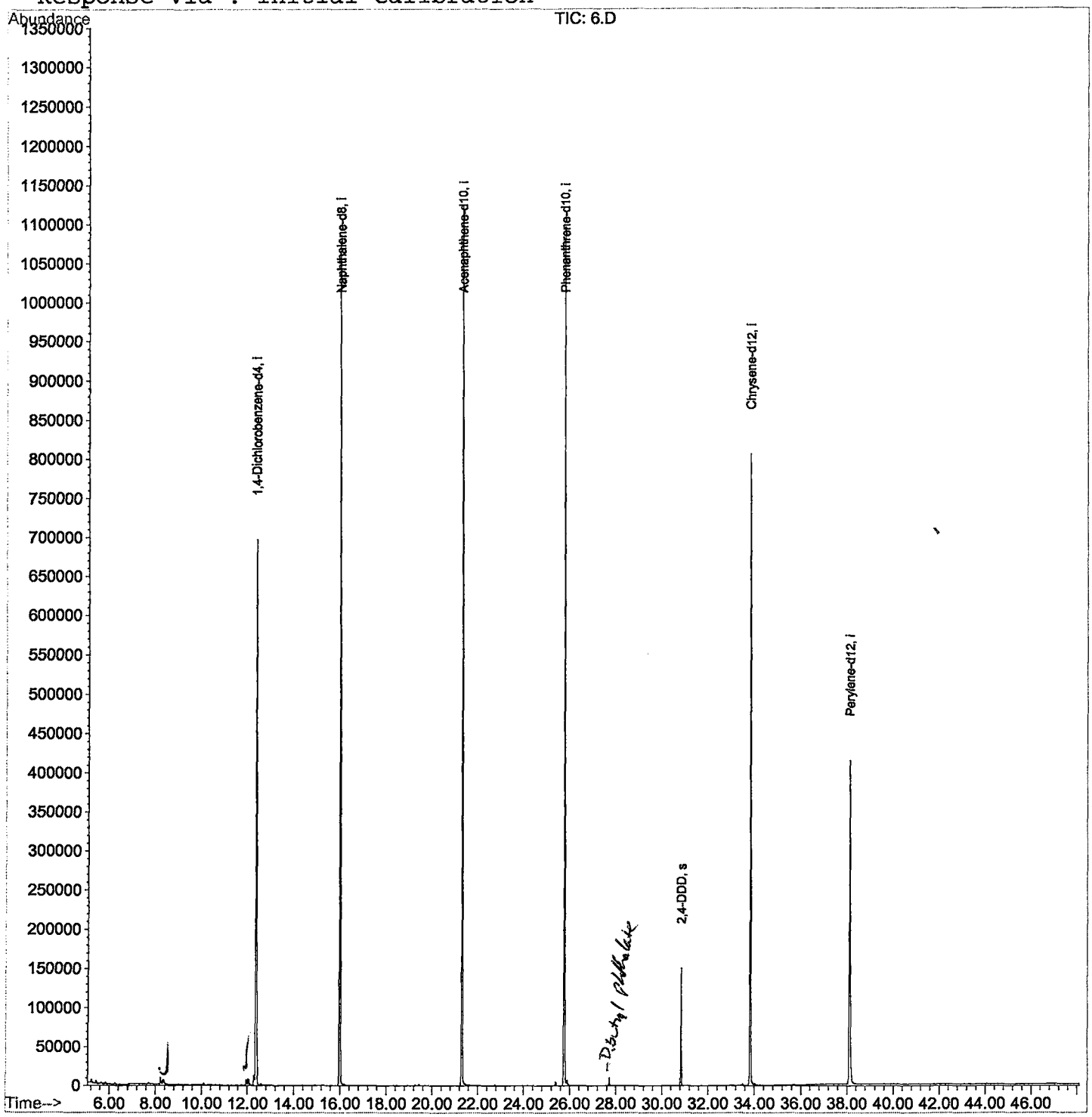
Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1302\6.D
Acq On : 13 Feb 2002 10:01 pm
Sample : GC/MS SCAN 2/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 15 10:01 2002

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 13 11:43:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1302\6.D Vial: 8
Acq On : 13 Feb 2002 10:01 pm Operator: 209 GALOS
Sample : GC/MS SCAN 2/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

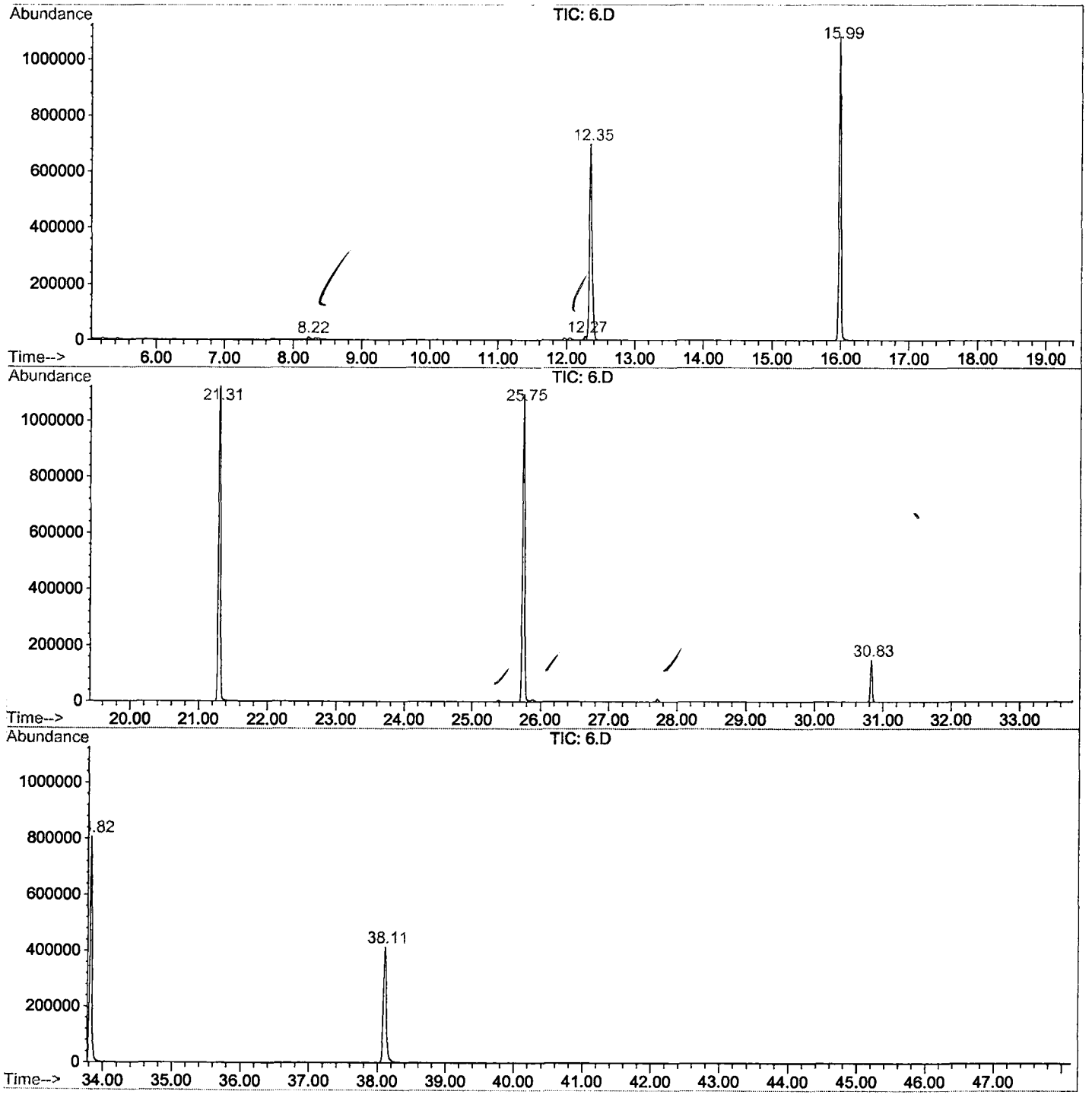
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.224	340	346	354	rBV	9385	24882	1.05%	0.206%
2	12.273	783	787	790	rBV	12760	30000	1.26%	0.248%
3	12.346	790	795	809	rVB	696673	1795414	75.68%	14.852%
4	15.991	1185	1192	1206	rBV	1078348	2211329	93.22%	18.293%
5	21.306	1764	1771	1786	rBV	1125173	2372254	100.00%	19.624%
6	25.749	2249	2255	2267	rBV2	1097072	2333507	98.37%	19.304%
7	30.826	2803	2808	2814	rBV	150329	282449	11.91%	2.337%
8	33.819	3128	3134	3146	rBV	806381	1784252	75.21%	14.760%
9	38.106	3593	3601	3627	rBV2	413005	1254401	52.88%	10.377%

Sum of corrected areas: 12088488

6.D GCMS0208.M Fri Feb 15 10:13:25 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1302\6.D
Operator : 209 GALOS
Acquired : 13 Feb 2002 10:01 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 2/11
Misc Info :
Vial Number: 8
Quant File :GCMS0208.RES (RTE Integrator)



6.D GCMS0208.M Fri Feb 15 10:13:31 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1302\6.D
Acq On : 13 Feb 2002 10:01 pm
Sample : GC/MS SCAN 2/11
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

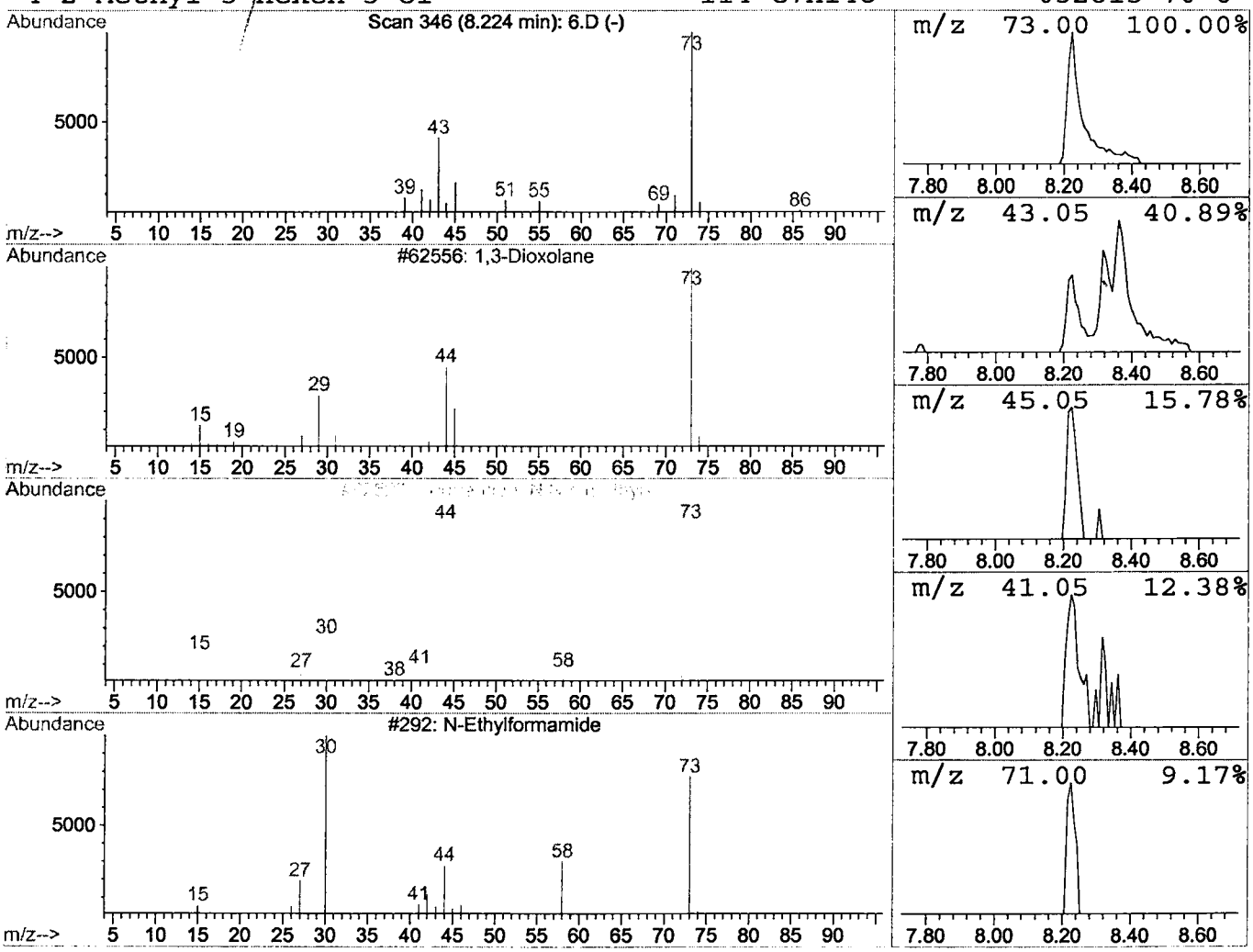
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	0.28 ug/l	24882	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	5
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	4
3	N-Ethylformamide	73	C3H7NO	000627-45-2	4
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1302\6.D
Acq On : 13 Feb 2002 10:01 pm
Sample : GC/MS SCAN 2/11
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

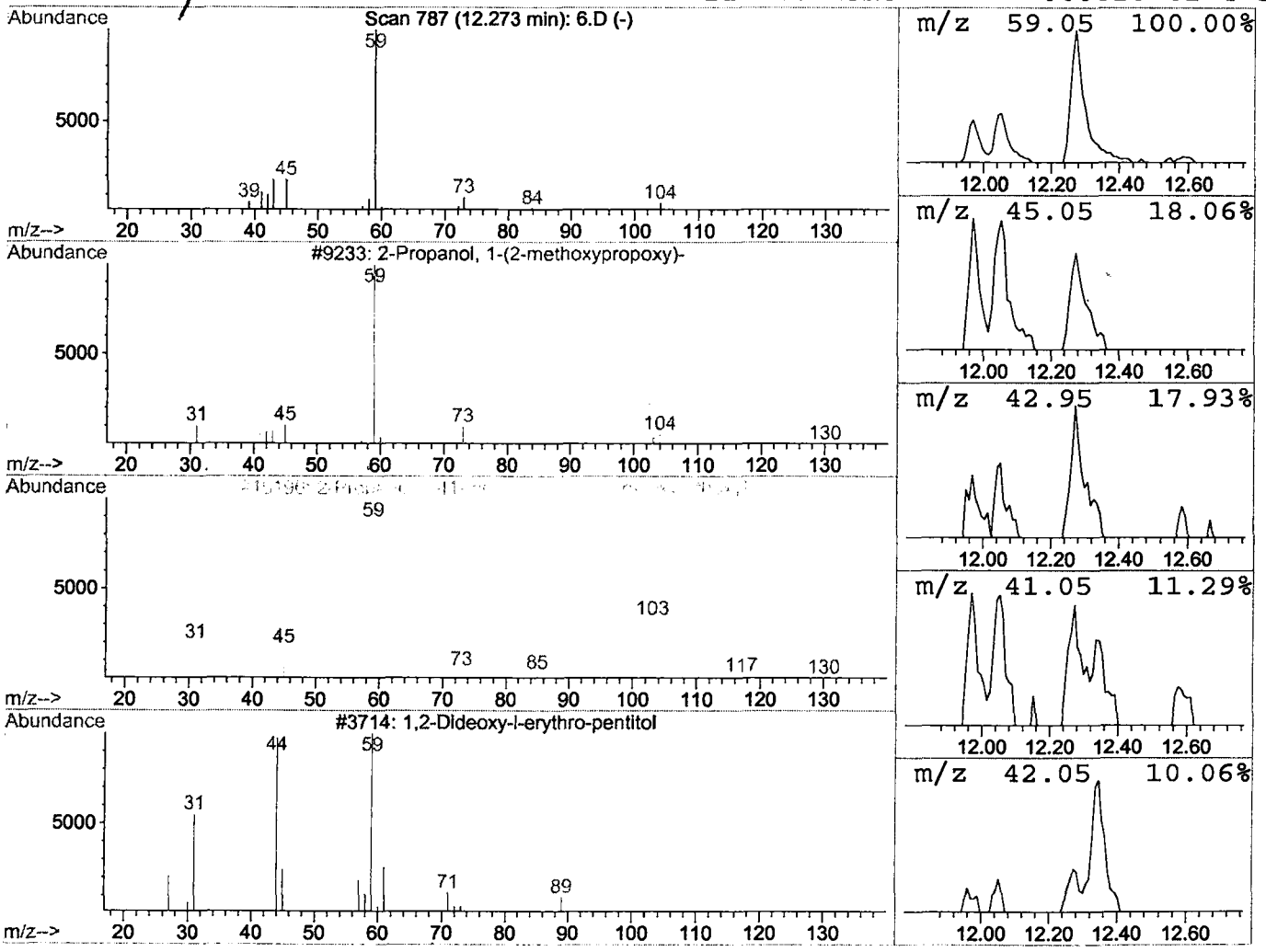
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1-(2-methoxypropox Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	0.33 ug/l	30000	1,4-Dichlorobenzene-d4	12.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	74
2	2-Propanol, 1-[1-methyl-2-(2-propen	174	C9H18O3	055956-25-7	40
3	1,2-Dideoxy-l-erythro-pentitol	120	C5H12O3	000000-00-0	39
4	Hexanamide	115	C6H13NO	000628-02-4	38



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Feb 2002 10:01 pm
Data File: C:\HPCHEM\1\DATA\FEB1302\6.D
Name: GC/MS SCAN 2/11
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
1,3-Dioxolane	8.22	0.3	ug/l	24882	ISTD01	12.35	1795410	20.0
2-Propanol, 1-(2-met	12.27	0.3	ug/l	30000	ISTD01	12.35	1795410	20.0

6.D GCMS0208.M Fri Feb 15 10:13:45 2002