Comments for Sample AD29026 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 13:30:02

The GCMS scan, from 35 to 550 amu, does not reveal the presence of any unusual compounds, except for di-n-butylphthalate at an estimated level of 0.27 ug/L.
The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 13:28:50

Sample: AD29026
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 13:28 Ended: 12/18/01 13:28 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29026.D Vial: 30
Acq On : 11 Dec 2001 4:58 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:37 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 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	889154	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3335414	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1700862	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2393813	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1556889	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1060694	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	152727	5.36	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 107.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.28	74	183	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	794	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.18	165	196	N.D.		
25) Diethylphthalate	22.09	149	982	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\DEC1001\29026.D Vial: 30
Acq On : 11 Dec 2001 4:58 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:37 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

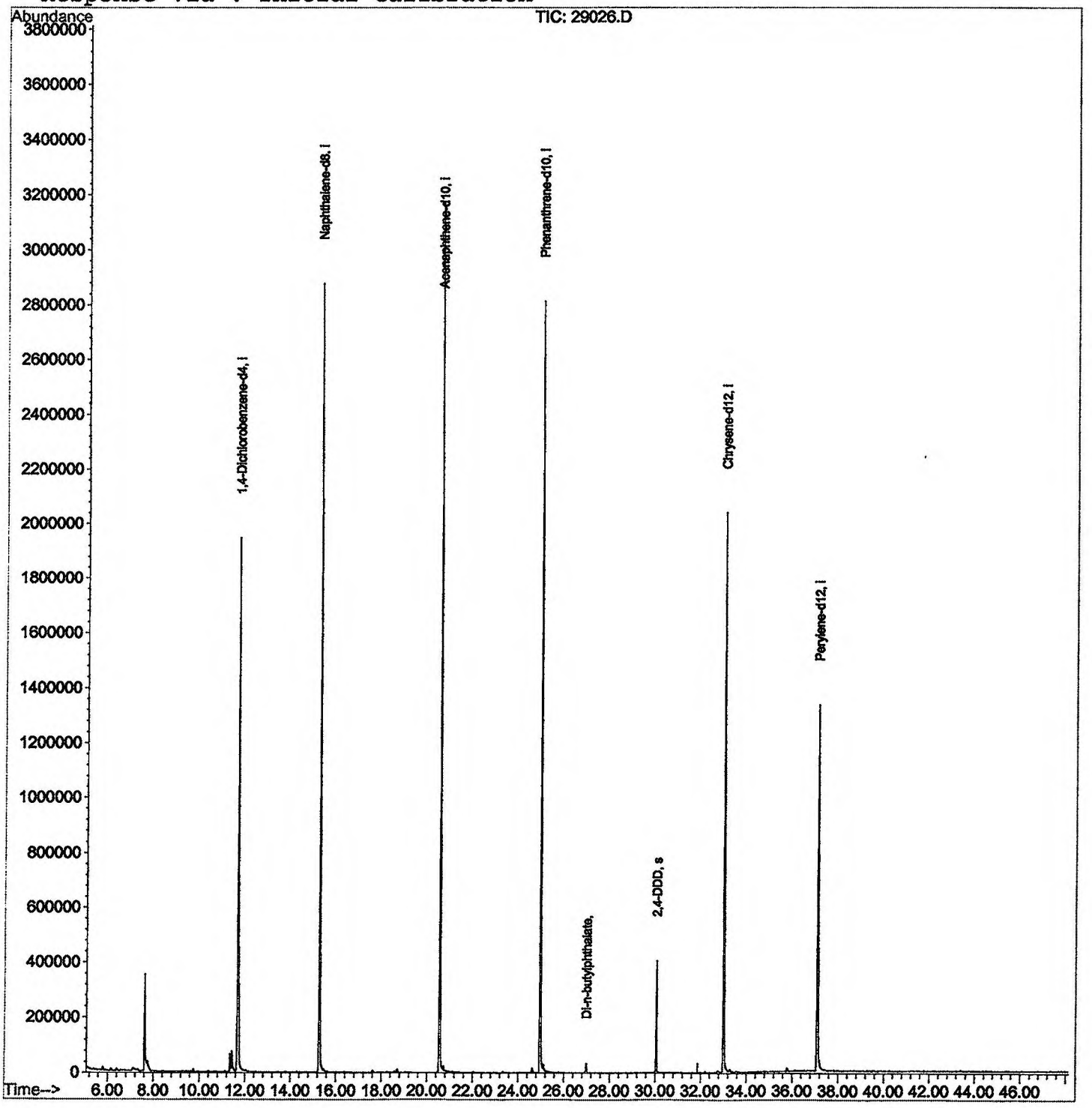
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.98	178	640	N.D.	
34)	Anthracene	24.98	178	640	N.D.	
35)	Di-n-butylphthalate	26.99	149	45466	0.27 ug/l	98
36)	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	3467	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	5532	N.D.	
43)	Chrysene	33.01	228	3467	N.D.	
45)	Di-n-Octylphthalate	35.16	149	170	N.D.	
46)	Benzo(b)fluoranthene	36.14	252	285	N.D.	
47)	Benzo(k)fluoranthene	36.14	252	285	N.D.	
48)	Benzo(a)pyrene	37.10	252	4031	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\DEC1001\29026.D Vial: 30
Acq On : 11 Dec 2001 4:58 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:37 2001 Quant Results File: GCMS1126.RES

Method : M:\INSTRU~1\209\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29026.D Vial: 30
Acq On : 11 Dec 2001 4:58 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a 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

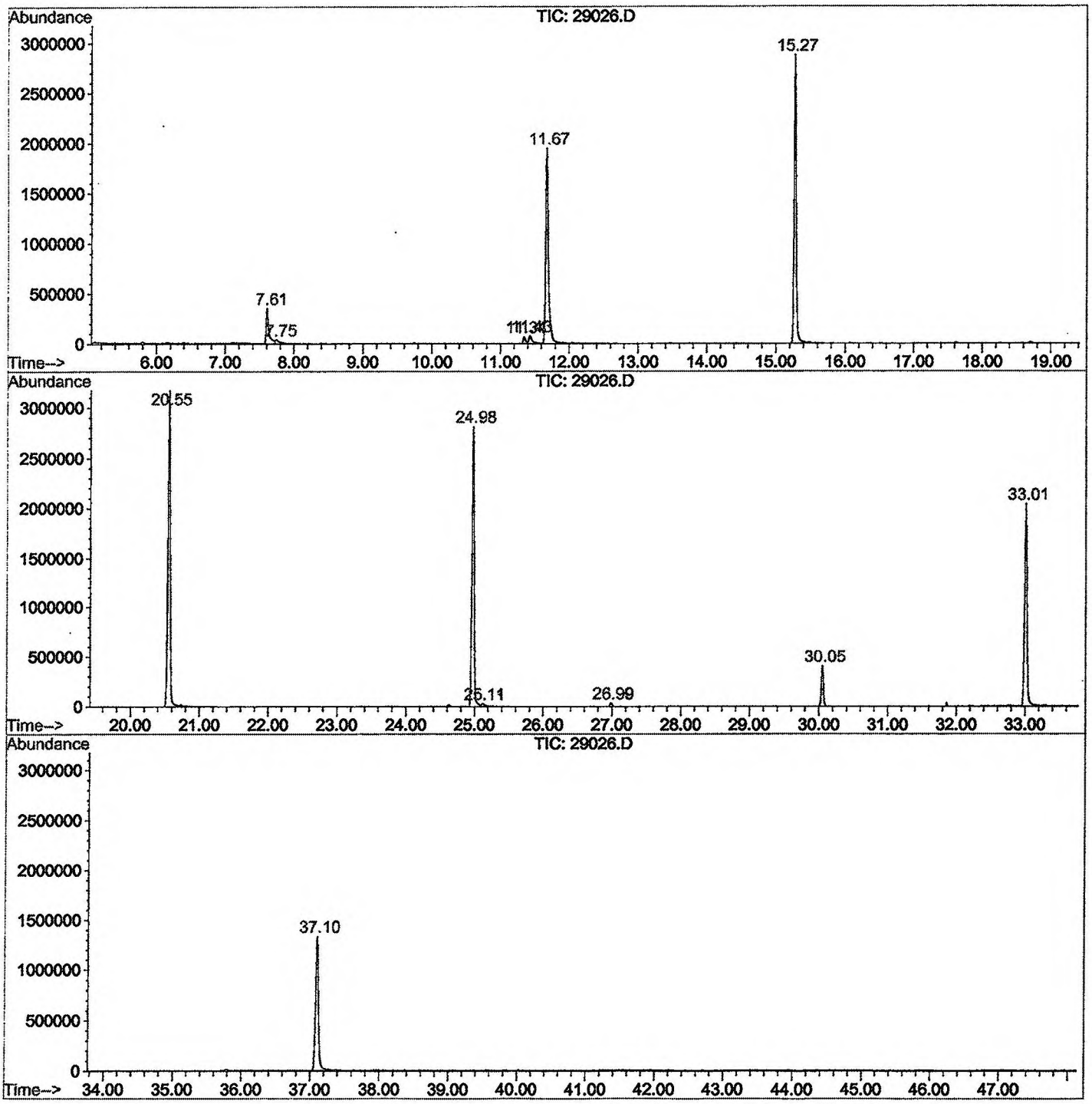
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.608	275	279	292	rBV	349977	924302	13.25%	2.569%
2	7.746	292	294	312	rVB	36746	148520	2.13%	0.413%
3	11.344	682	686	692	rBV	65522	161804	2.32%	0.450%
4	11.427	692	695	712	rVB	74808	232431	3.33%	0.646%
5	11.675	715	722	745	rBV	1943794	5075531	72.77%	14.108%
6	15.273	1109	1114	1133	rBV	2875230	6309201	90.46%	17.537%
7	20.552	1683	1689	1708	rBV	3175784	6974828	100.00%	19.387%
8	24.977	2164	2171	2183	rBV2	2812581	6396624	91.71%	17.780%
9	25.115	2183	2186	2200	rVB	25561	89644	1.29%	0.249%
10	26.988	2386	2390	2397	rBV	34877	73933	1.06%	0.205%
11	30.054	2718	2724	2732	rBV	406598	829356	11.89%	2.305%
12	33.010	3038	3046	3060	rBV2	2038871	4860111	69.68%	13.509%
13	37.104	3484	3492	3515	rBV	1329877	3900958	55.93%	10.843%

Sum of corrected areas: 35977243

29026.D GCMS1126.M Wed Dec 12 15:46:29 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29026.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 4:58 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 30
Quant File :GCMS1126.RES (RTE Integrator)



29026.D GCMS1126.M Wed Dec 12 15:46:35 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29026.D
Acq On : 11 Dec 2001 4:58 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 30
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

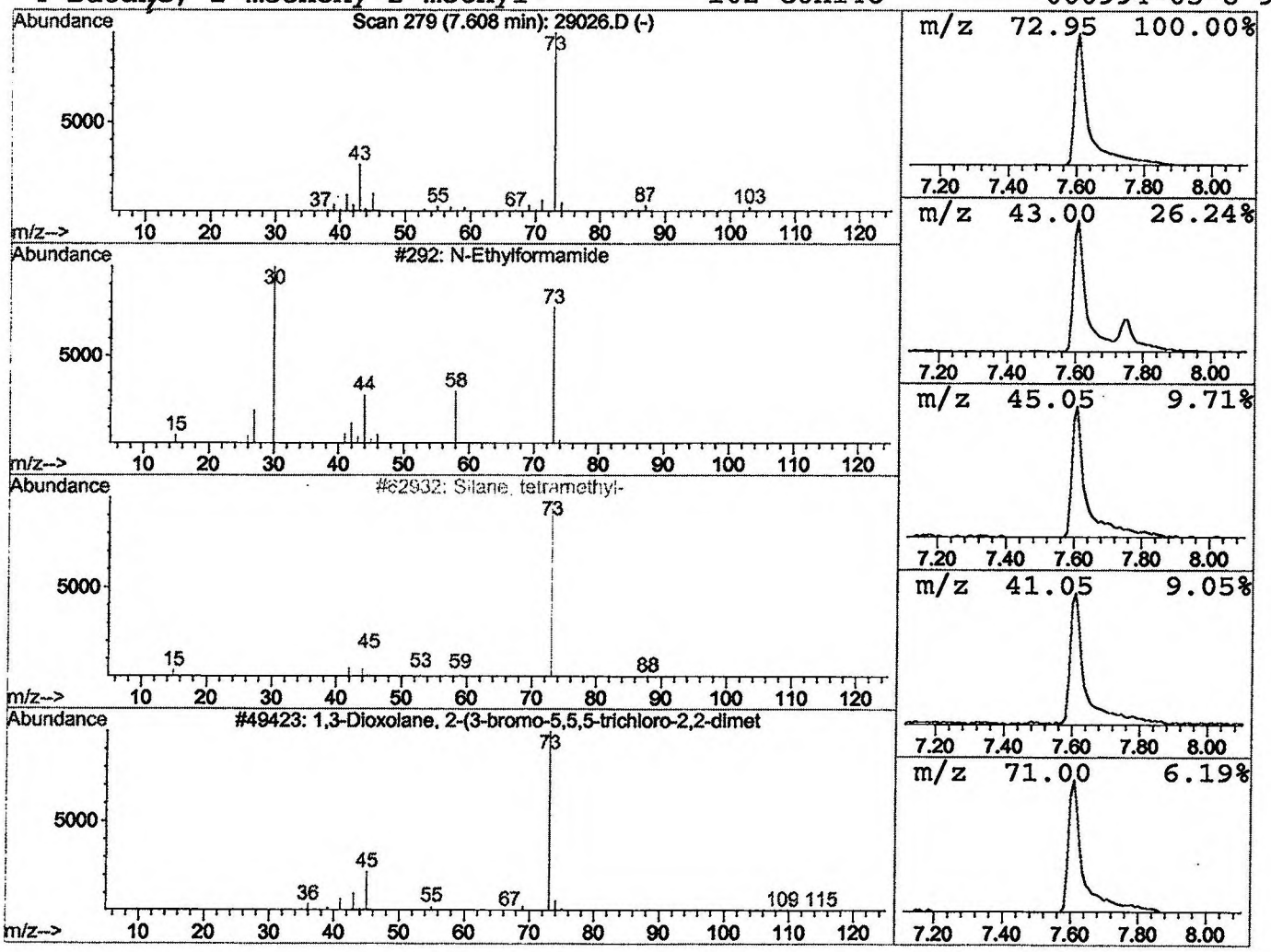
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.64 ug/l	924302	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	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\DEC1001\29026.D
Acq On : 11 Dec 2001 4:58 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 30
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

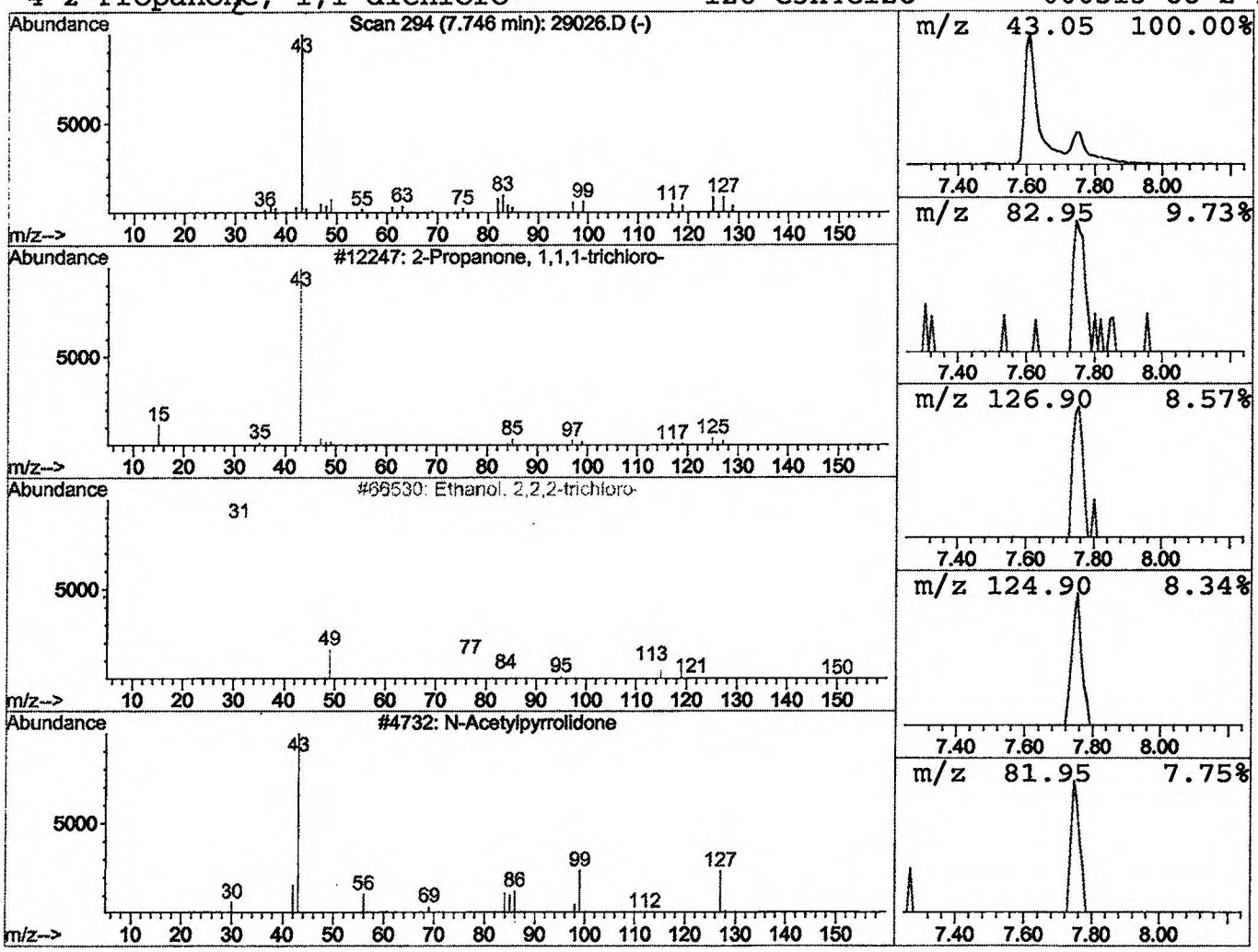
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.59 ug/l	148520	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	50
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	12
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29026.D
Acq On : 11 Dec 2001 4:58 pm
Sample : gc/ms scan 11/30a
Misc. :
MS Integration Params: LSCINT.P

Vial: 30
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

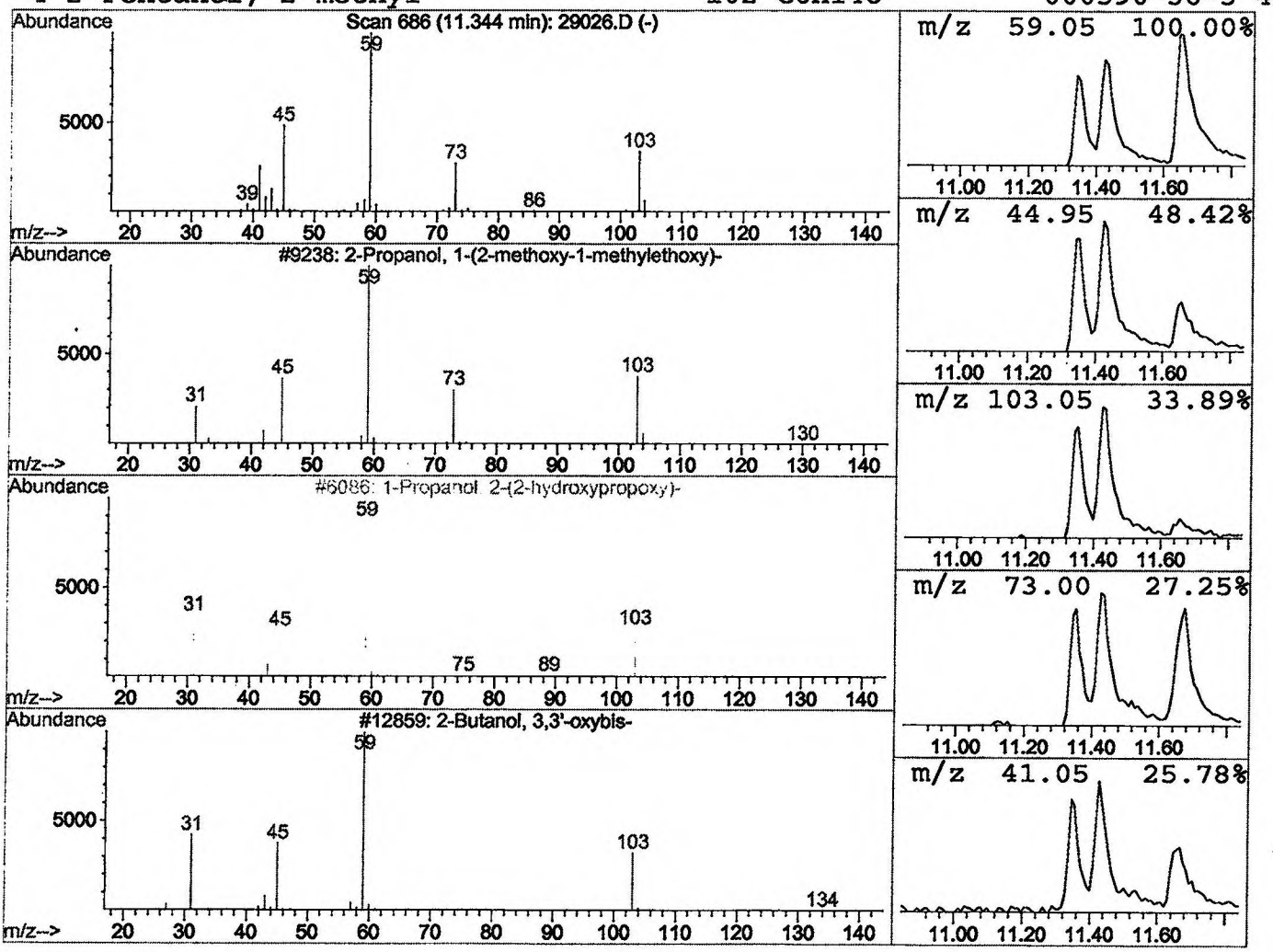
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.64 ug/l	161804	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	83
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29026.D
Acq On : 11 Dec 2001 4:58 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 30
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

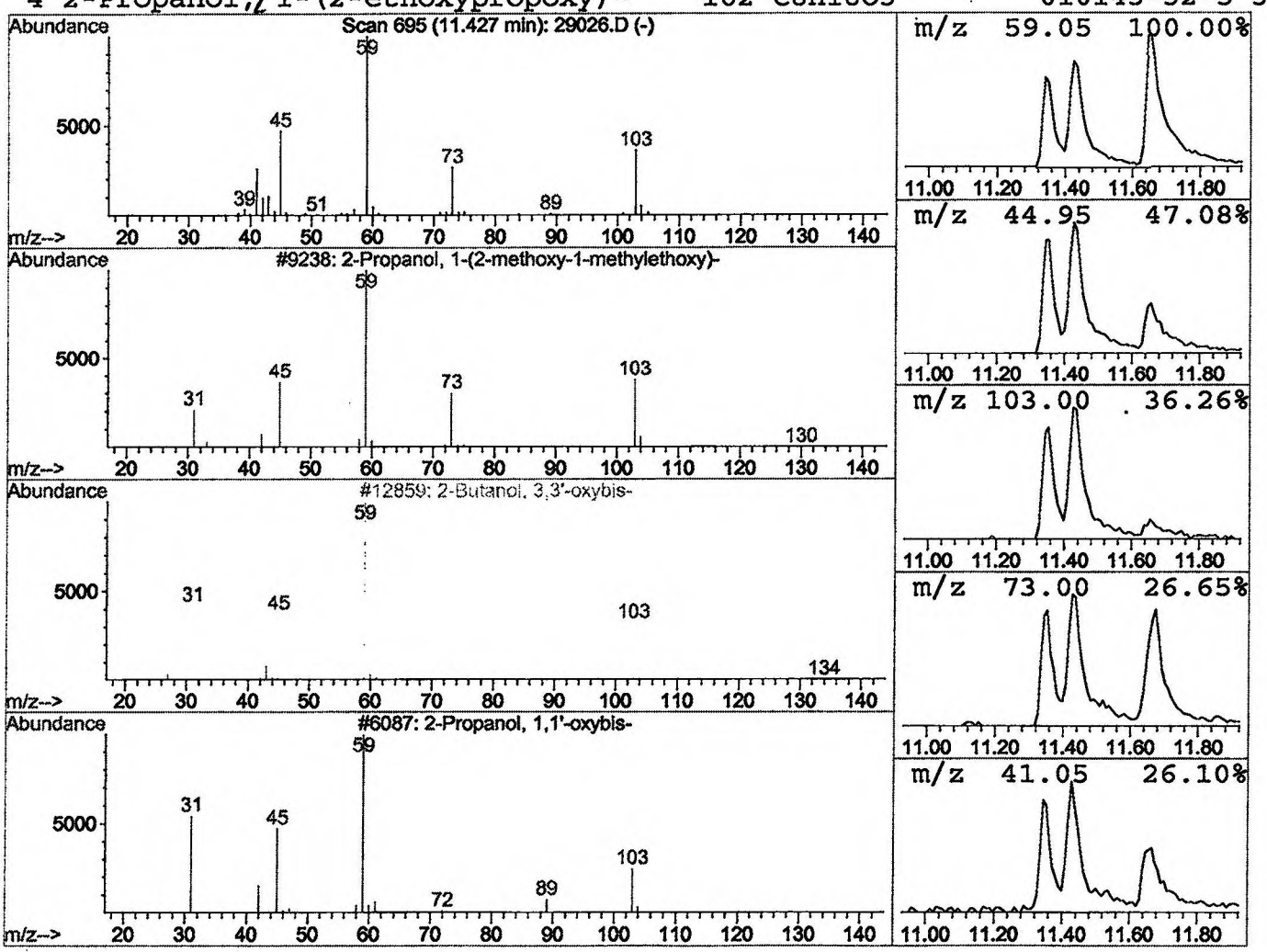
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.92 ug/l	232431	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	83
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	39



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 4:58 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29026.D
Name: gc/ms scan 11/30a
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
N-Ethylformamide	7.61	3.6	ug/l	924302	ISTD01	11.67	5075530	20.0
2-Propanone, 1,1,1-t	7.75	0.6	ug/l	148520	ISTD01	11.67	5075530	20.0
2-Propanol, 1-(2-met	11.34	0.6	ug/l	161804	ISTD01	11.67	5075530	20.0
2-Propanol, 1-(2-met	11.43	0.9	ug/l	232431	ISTD01	11.67	5075530	20.0

29026.D GCMS1126.M Wed Dec 12 15:46:58 2001