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Comments for Sample AD29028 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 13:31:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of any unusual compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 0.29 ug/L. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

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User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 13:31:09

Sample: AD29028
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 13:30 Ended: 12/18/01 13:30 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		103		5.0

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29028.D Vial: 32
Acq On : 11 Dec 2001 6:55 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 15:33 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	970829	20.00	ug/l	-0.03
10) Naphthalene-d8	15.27	136	3745294	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1916386	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.98	188	2729268	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1764726	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1238919	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	167945	5.17	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 103.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.19	74	560	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	15.34	128	1582	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	20.57	153	106	N.D.		
24) 2,4-Dinitrotoluene	21.23	165	279	N.D.		
25) Diethylphthalate	22.07	149	1146	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29028.D Vial: 32
Acq On : 11 Dec 2001 6:55 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 15:33 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	25.04	178	696	N.D.	
34)	Anthracene	25.04	178	696	N.D.	
35)	Di-n-butylphthalate	26.99	149	25029	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	4305	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	31148	0.29 ug/l #	98
43)	Chrysene	33.01	228	4305	N.D.	
45)	Di-n-Octylphthalate	35.03	149	201	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	37.10	252	4743	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

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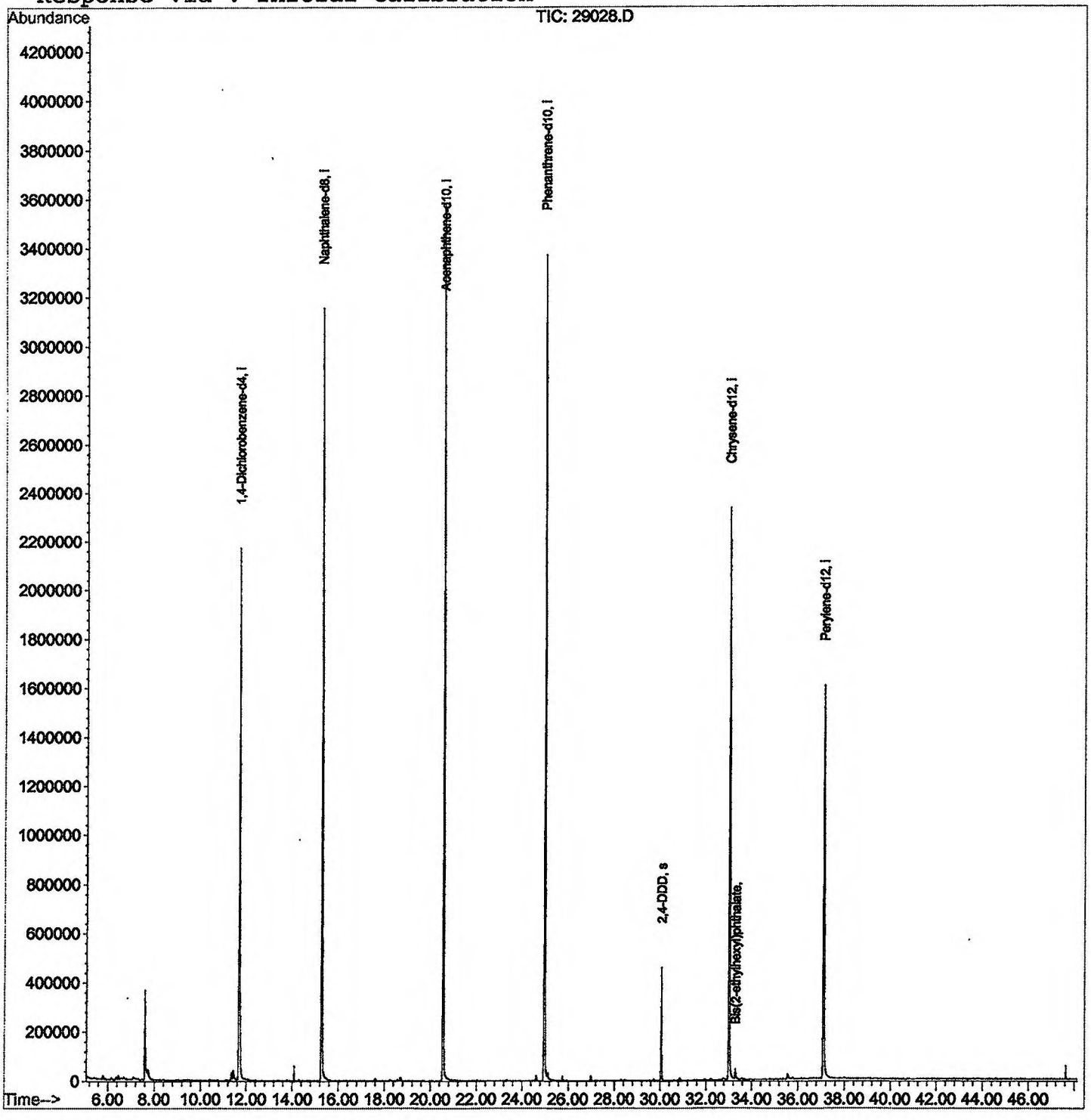
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29028.D
Acq On : 11 Dec 2001 6:55 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:33 2001

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29028.D Vial: 32
Acq On : 11 Dec 2001 6:55 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	7.606	275	279	291	rBV	363527	906263	11.60%	2.266%
2	7.744	291	294	314	rVB	41137	165529	2.12%	0.414%
3	11.352	684	687	692	rBV	32469	81816	1.05%	0.205%
4	11.434	692	696	704	rVV	35226	94565	1.21%	0.236%
5	11.673	717	722	745	rBV	2167854	5424689	69.46%	13.563%
6	15.272	1109	1114	1132	rBV	3153066	7065657	90.47%	17.665%
7	20.550	1683	1689	1711	rBV	3582846	7810343	100.00%	19.527%
8	24.975	2164	2171	2184	rBV2	3372010	7250358	92.83%	18.127%
9	25.122	2184	2187	2196	rVB2	27327	78480	1.00%	0.196%
10	30.052	2718	2724	2732	rBV	458335	932106	11.93%	2.330%
11	33.008	3037	3046	3064	rBV2	2333974	5564879	71.25%	13.913%
12	33.293	3071	3077	3085	rBV2	39459	101251	1.30%	0.253%
13	37.103	3484	3492	3512	rBV2	1598837	4520997	57.88%	11.303%

Sum of corrected areas: 39996933

29028.D GCMS1126.M Wed Dec 12 15:49:18 2001

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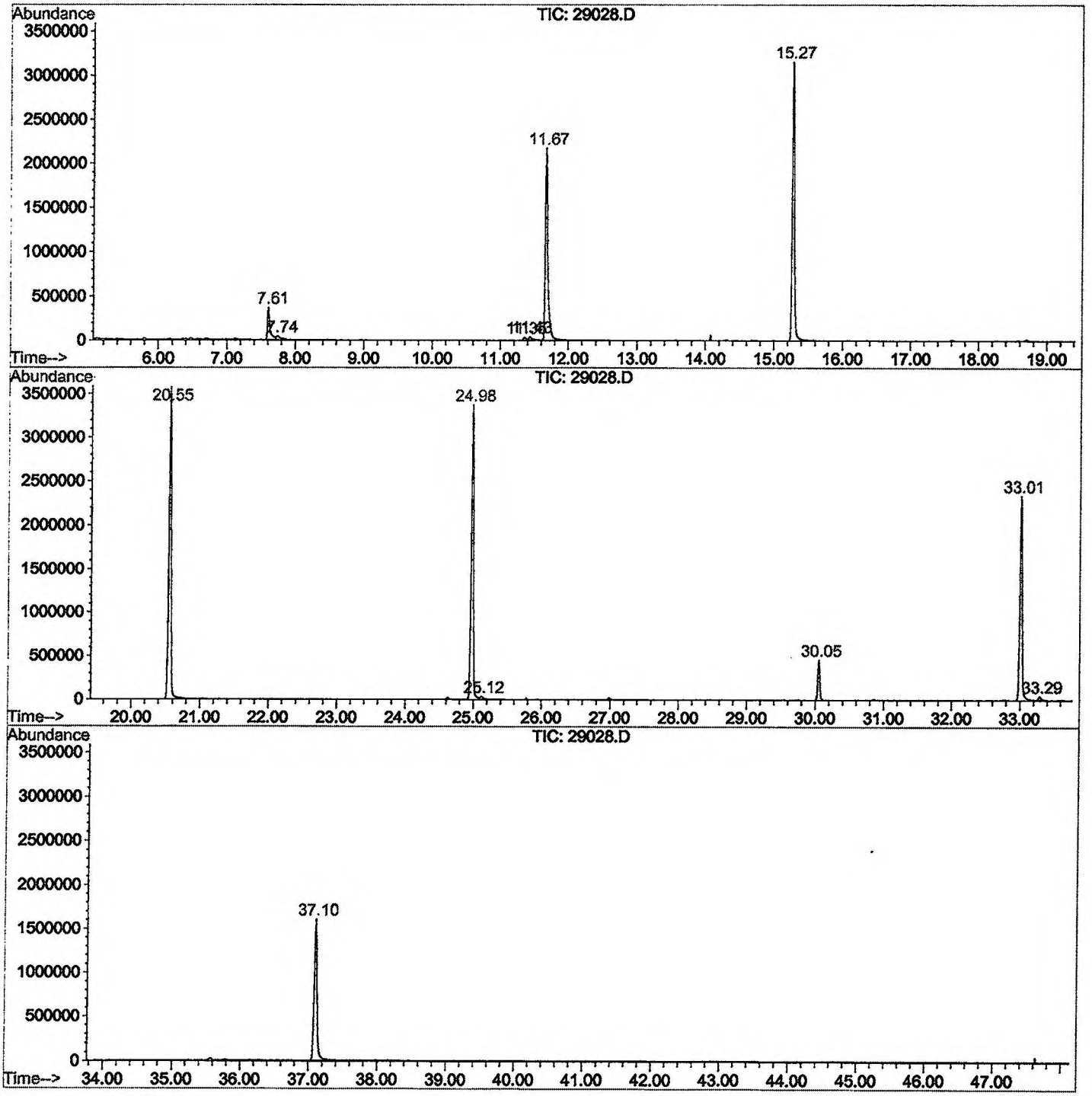
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29028.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 6:55 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 32
Quant File :GCMS1126.RES (RTE Integrator)



29028.D GCMS1126.M Wed Dec 12 15:49:24 2001

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29028.D
Acq On : 11 Dec 2001 6:55 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

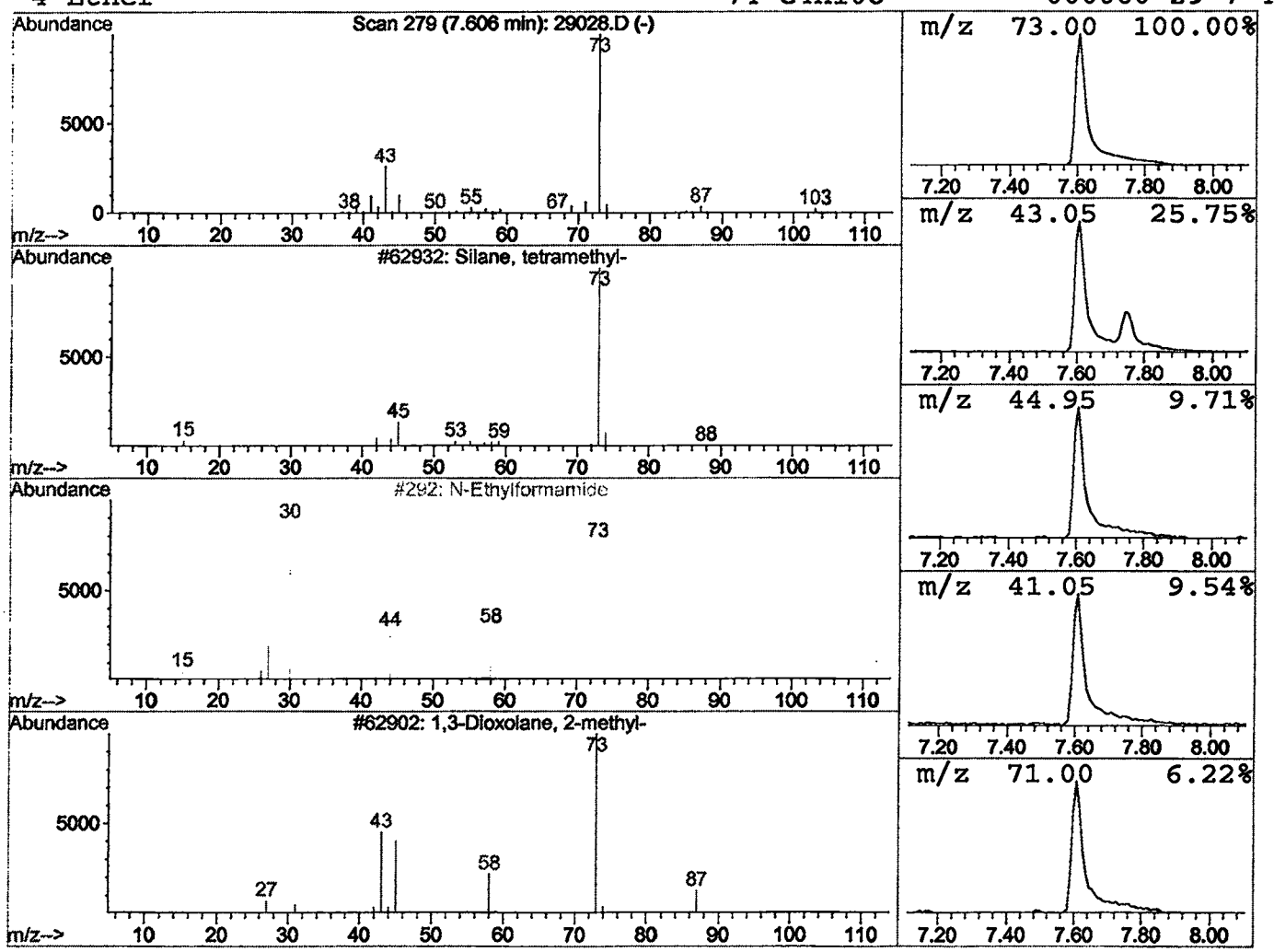
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.34 ug/l	906263	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5
4	Ether	74	C4H10O	000060-29-7	4



NYC-WTC_000035997

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29028.D
Acq On : 11 Dec 2001 6:55 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

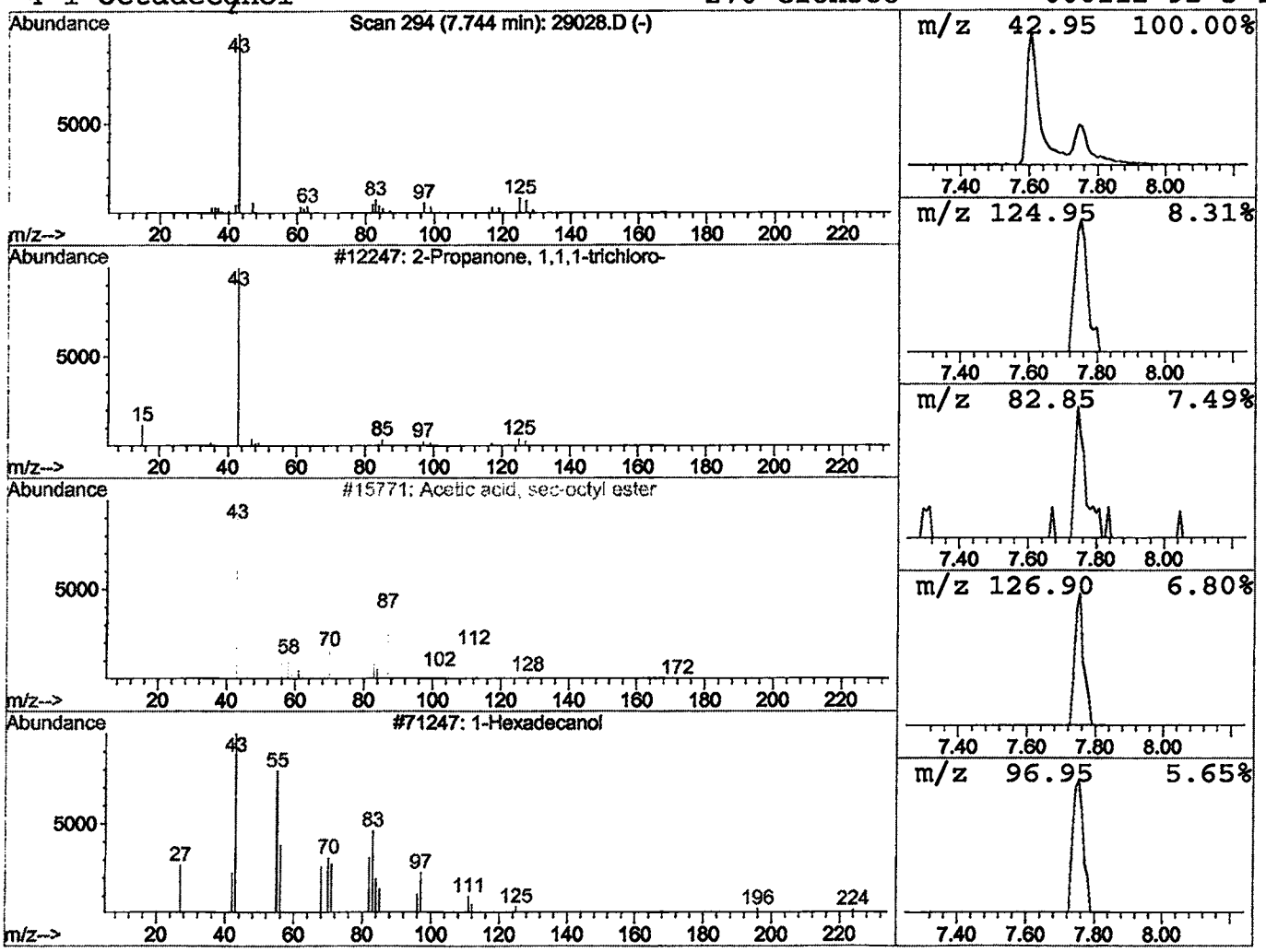
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.61 ug/l	165529	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	37
2	Acetic acid, sec-octyl ester	172	C10H20O2	054515-77-4	25
3	1-Hexadecanol	242	C16H34O	036653-82-4	9
4	1-Octadecanol	270	C18H38O	000112-92-5	9



NYC-WTC_000035998

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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 6:55 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29028.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
Silane, tetramethyl-	7.61	3.3	ug/l	906263	ISTD01	11.67	5424690	20.0
2-Propanone, 1,1,1-t	7.74	0.6	ug/l	165529	ISTD01	11.67	5424690	20.0

29028.D GCMS1126.M Wed Dec 12 15:49:38 2001