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Comments for Sample AD29023 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-17-2001 Time: 12:39:19

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. 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: 12/17/2001 Time: 12:38:27

Sample: AD29023
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/17/01 12:38 Ended: 12/17/01 12:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29023.D Vial: 7
Acq On : 10 Dec 2001 4:35 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:05 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	906375	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3483079	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1754182	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2517456	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1593597	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1101951	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	163813	5.47	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 109.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.20	74	304	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	1033	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	21.03	165	218	N.D.		
25) Diethylphthalate	22.07	149	731	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	23.15	77	194	N.D.		

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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29023.D Vial: 7
Acq On : 10 Dec 2001 4:35 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:05 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	24.97	178	864	N.D.	
34)	Anthracene	24.97	178	864	N.D.	
35)	Di-n-butylphthalate	26.98	149	21352	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	4001	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	12110	N.D.	
43)	Chrysene	33.01	228	4001	N.D.	
45)	Di-n-Octylphthalate	35.03	149	275	N.D.	
46)	Benzo(b)fluoranthene	36.07	252	325	N.D.	
47)	Benzo(k)fluoranthene	36.12	252	281	N.D.	
48)	Benzo(a)pyrene	36.93	252	283	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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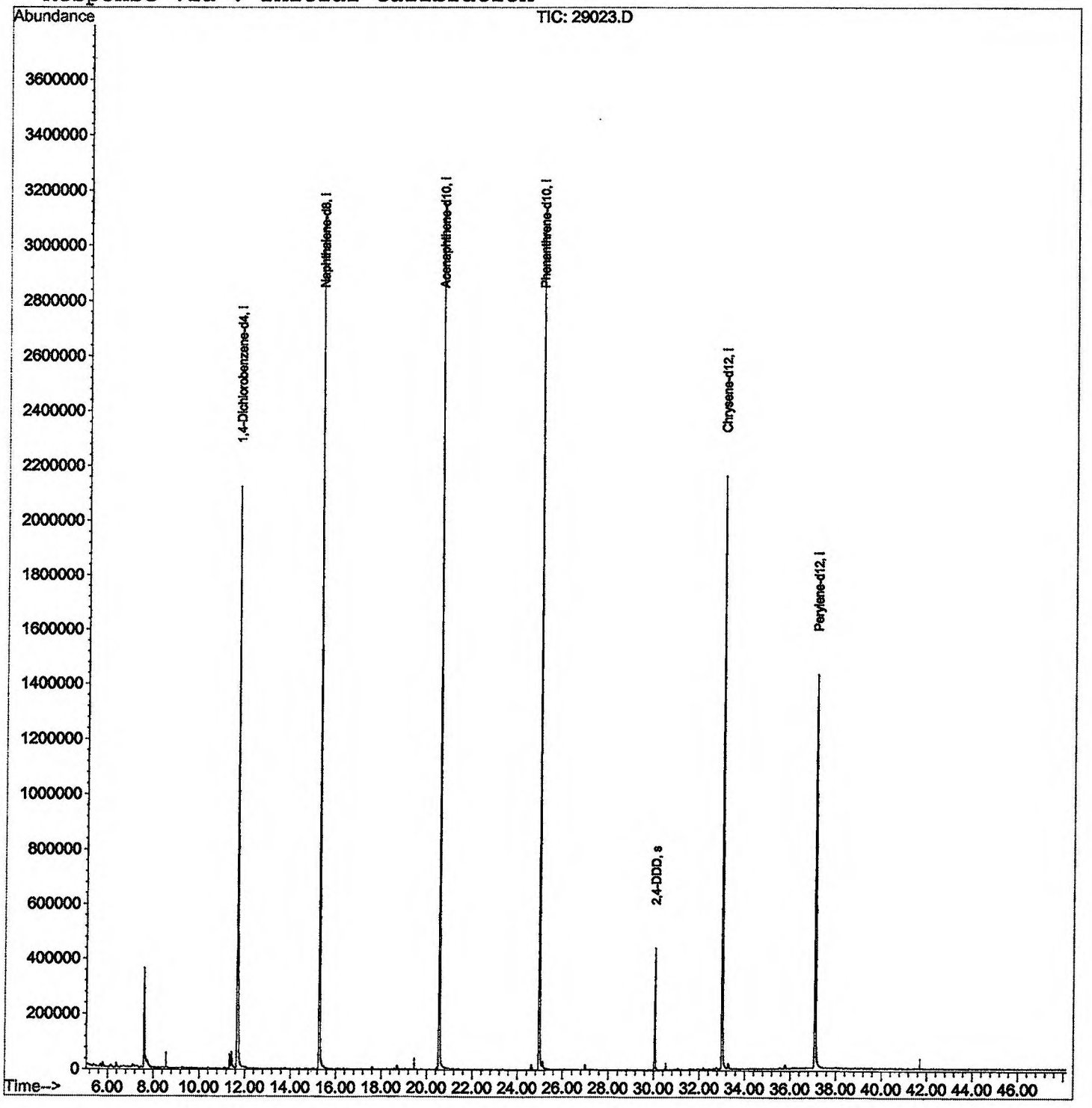
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29023.D Vial: 7
Acq On : 10 Dec 2001 4:35 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:05 2001 Quant Results File: GCMS1126.RES

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



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29023.D Vial: 7
Acq On : 10 Dec 2001 4:35 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 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	7.594	274	278	291	rBV	359419	904226	12.68%	2.453%
2	7.741	292	294	311	rVB2	25392	108929	1.53%	0.296%
3	11.349	683	687	692	rBV	53134	126016	1.77%	0.342%
4	11.422	692	695	710	rVB	59349	179551	2.52%	0.487%
5	11.670	716	722	744	rBV	2118978	5141196	72.07%	13.947%
6	15.278	1109	1115	1133	rBV	3101455	6597110	92.48%	17.897%
7	20.548	1683	1689	1713	rBV	3160297	7133684	100.00%	19.352%
8	24.973	2165	2171	2184	rBV2	3058912	6679106	93.63%	18.119%
9	25.119	2184	2187	2204	rVB2	26963	86526	1.21%	0.235%
10	30.049	2718	2724	2732	rBV	440085	891527	12.50%	2.419%
11	33.005	3037	3046	3063	rBV2	2160832	5025873	70.45%	13.634%
12	37.100	3484	3492	3506	rBV2	1428147	3988254	55.91%	10.819%

Sum of corrected areas: 36861998

29023.D GCMS1126.M Wed Dec 12 16:04:18 2001

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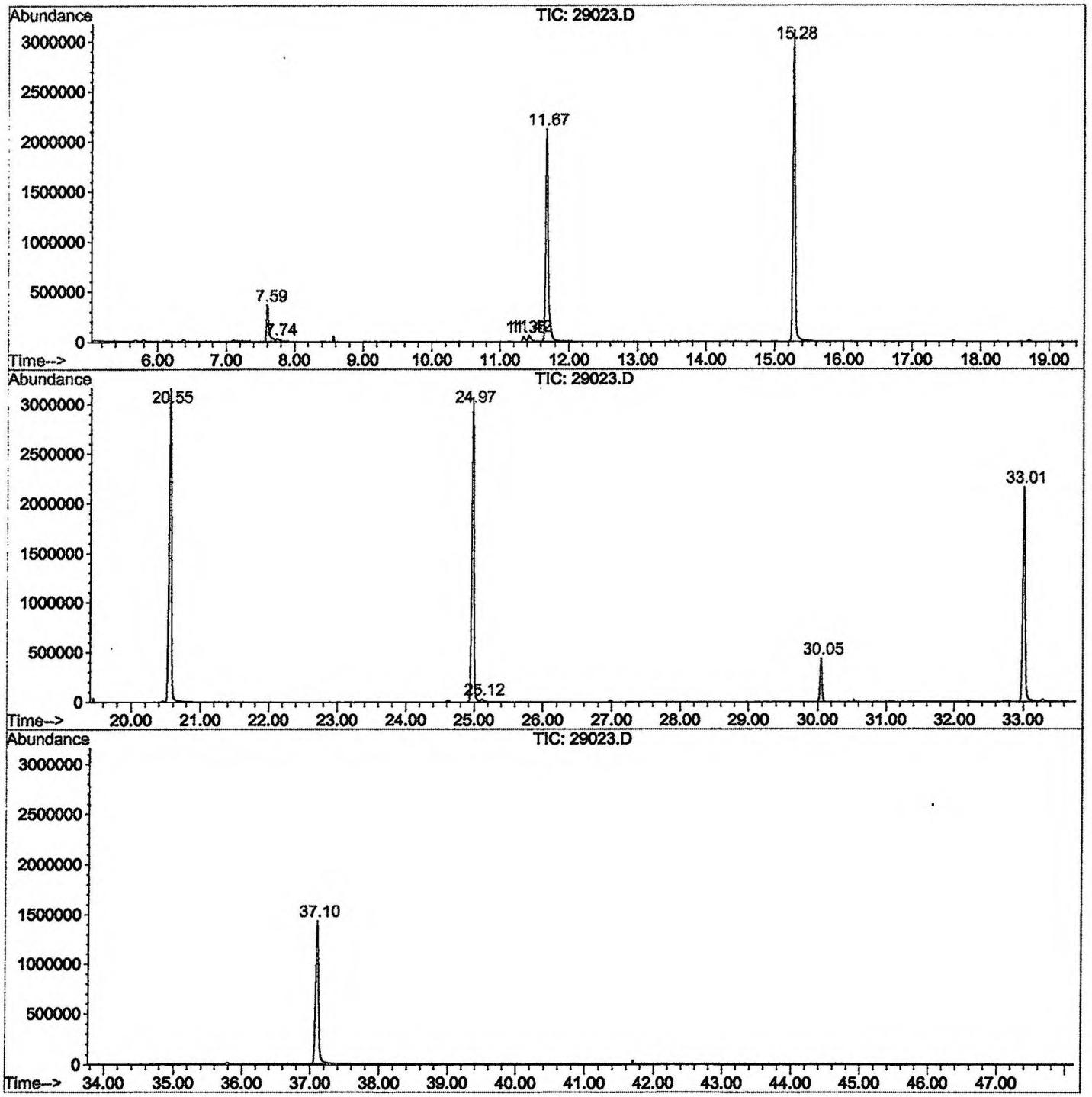
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29023.D
Operator : 209 GALOS
Acquired : 10 Dec 2001 4:35 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30
Misc Info :
Vial Number: 7
Quant File :GCMS1126.RES (RTE Integrator)



29023.D GCMS1126.M Wed Dec 12 16:04:24 2001

NYC-WTC_000035814

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29023.D
Acq On : 10 Dec 2001 4:35 pm
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

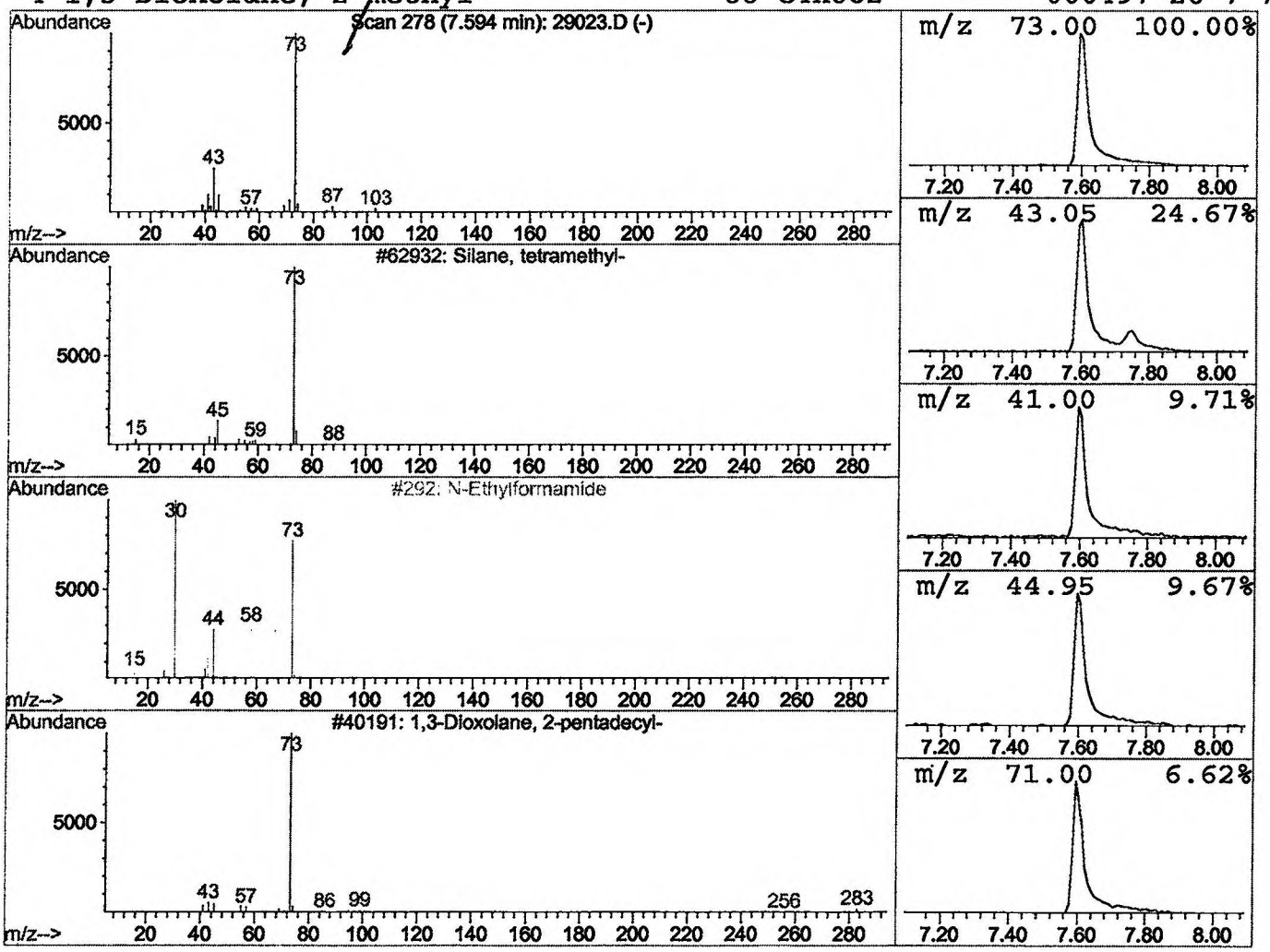
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.52 ug/l	904226	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



NYC-WTC_000035815

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29023.D
Acq On : 10 Dec 2001 4:35 pm
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

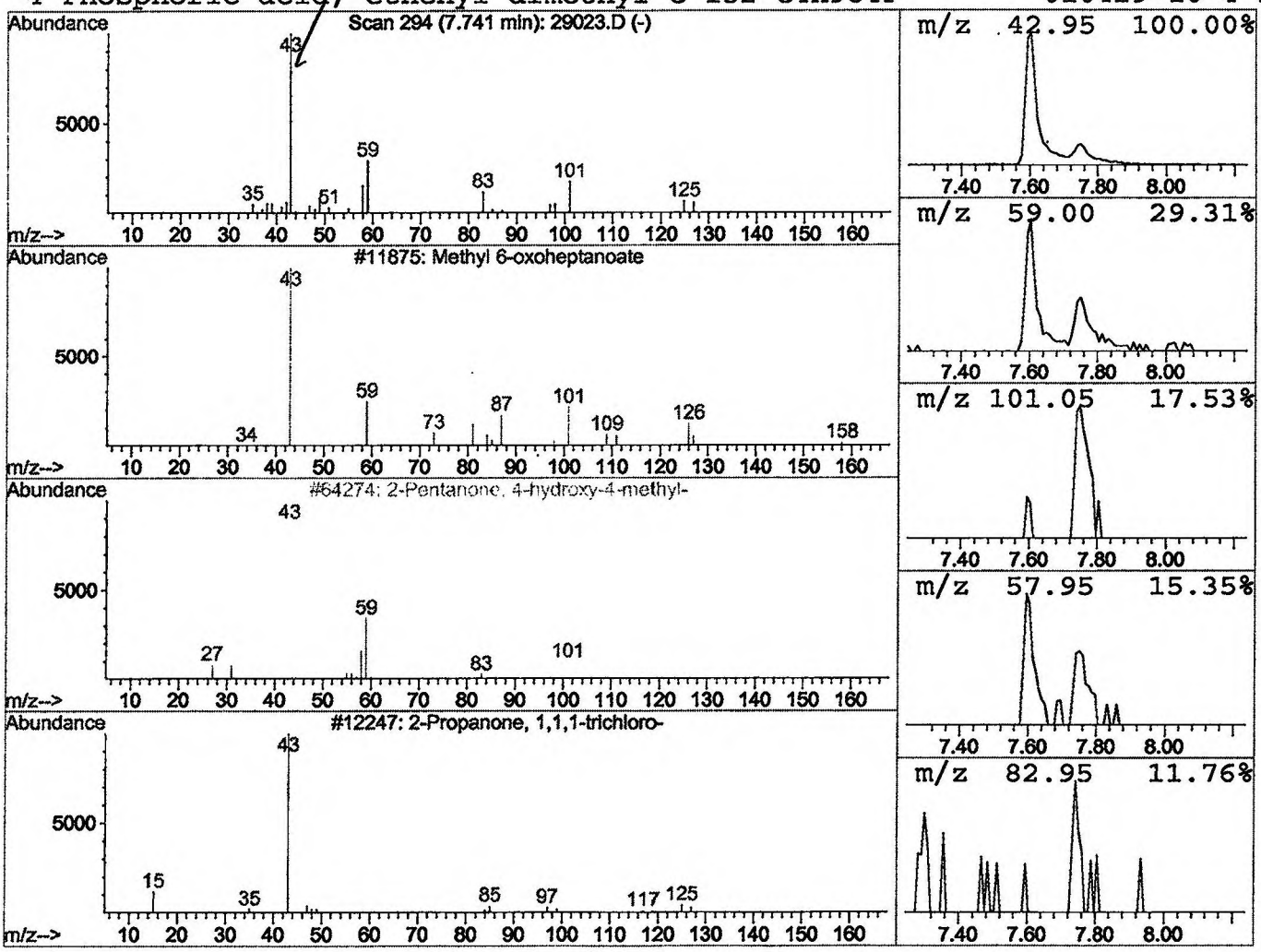
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Methyl 6-oxoheptanoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.42 ug/l	108929	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 6-oxoheptanoate	158	C8H14O3	000000-00-0	28
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	17
3	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	12
4	Phosphoric acid, ethenyl dimethyl e	152	C4H9O4P	010429-10-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29023.D
Acq On : 10 Dec 2001 4:35 pm
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

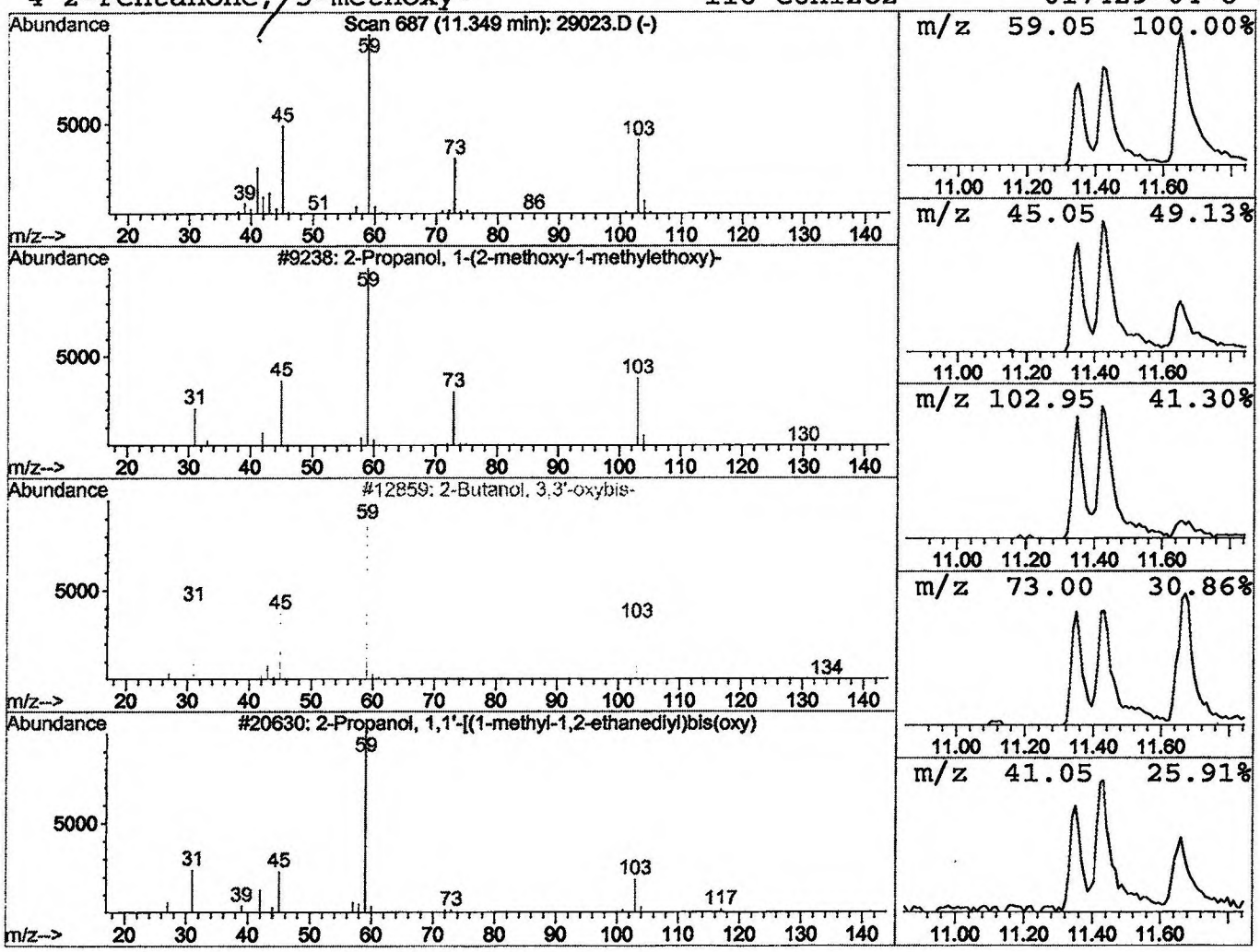
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.49 ug/l	126016	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	78
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
3	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	47
4	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	40



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29023.D Vial: 7
Acq On : 10 Dec 2001 4:35 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

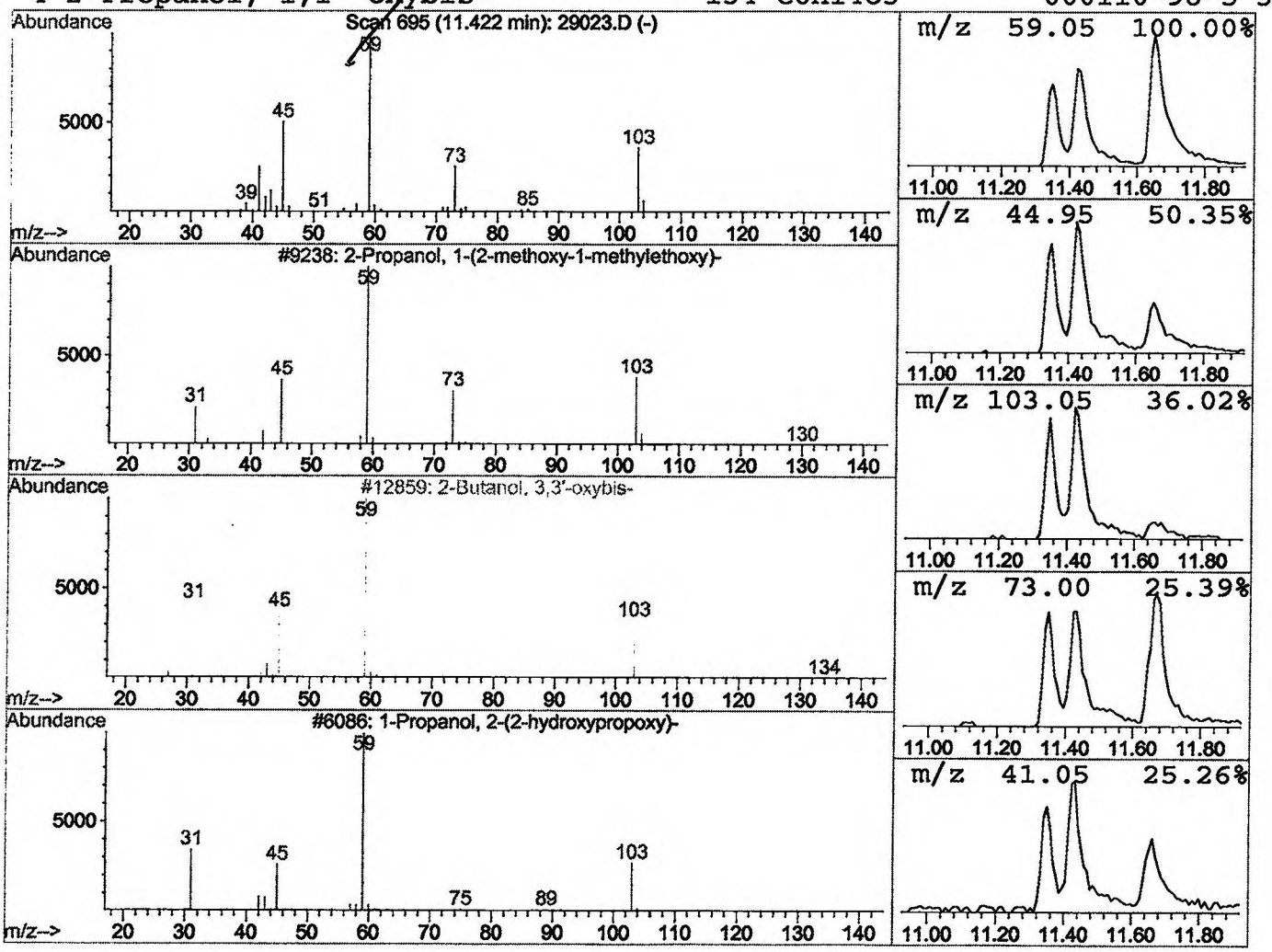
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.70 ug/l	179551	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	64
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	38



NYC-WTC_000035818

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Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Dec 2001 4:35 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29023.D
Name: gc/ms scan 11/30
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-	7.59	3.5	ug/l	904226	ISTD01	11.67	5141200	20.0
Methyl 6-oxoheptanoa	7.74	0.4	ug/l	108929	ISTD01	11.67	5141200	20.0
2-Propanol, 1-(2-met	11.35	0.5	ug/l	126016	ISTD01	11.67	5141200	20.0
2-Propanol, 1-(2-met	11.42	0.7	ug/l	179551	ISTD01	11.67	5141200	20.0

29023.D GCMS1126.M Wed Dec 12 16:04:46 2001