User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/08/2002 Time: 13:15:04

Sample: AD30485
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/8/02 13:14 Ended: 2/8/02 13:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		5.0

Comments for Sample AD30485 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-08-2002 Time: 13:15:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : M:\INSTRU~1\209\DATA\DEC2101\30485.D Vial: 23
Acq On : 23 Dec 2001 6:12 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:06 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 Jan 25 15:57:52 2002
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	944471	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3632209	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1770948	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2573521	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1526107	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	969449	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	127536	4.51	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 90.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.25	74	553	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	13.59	77	173	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	707	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	21.05	165	605	N.D.		
25) Diethylphthalate	22.11	149	1429	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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Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:06 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 Jan 25 15:57:52 2002
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	25.03	178	177	N.D.	
34) Anthracene	25.03	178	177	N.D.	
35) Di-n-butylphthalate	27.00	149	82433	0.45 ug/l	98
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.50	149	456	N.D.	
41) Benzo(a)anthracene	33.01	228	3744	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	4504	N.D.	
43) Chrysene	33.01	228	3744	N.D.	
45) Di-n-Octylphthalate	35.53	149	104	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	37.11	252	3722	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

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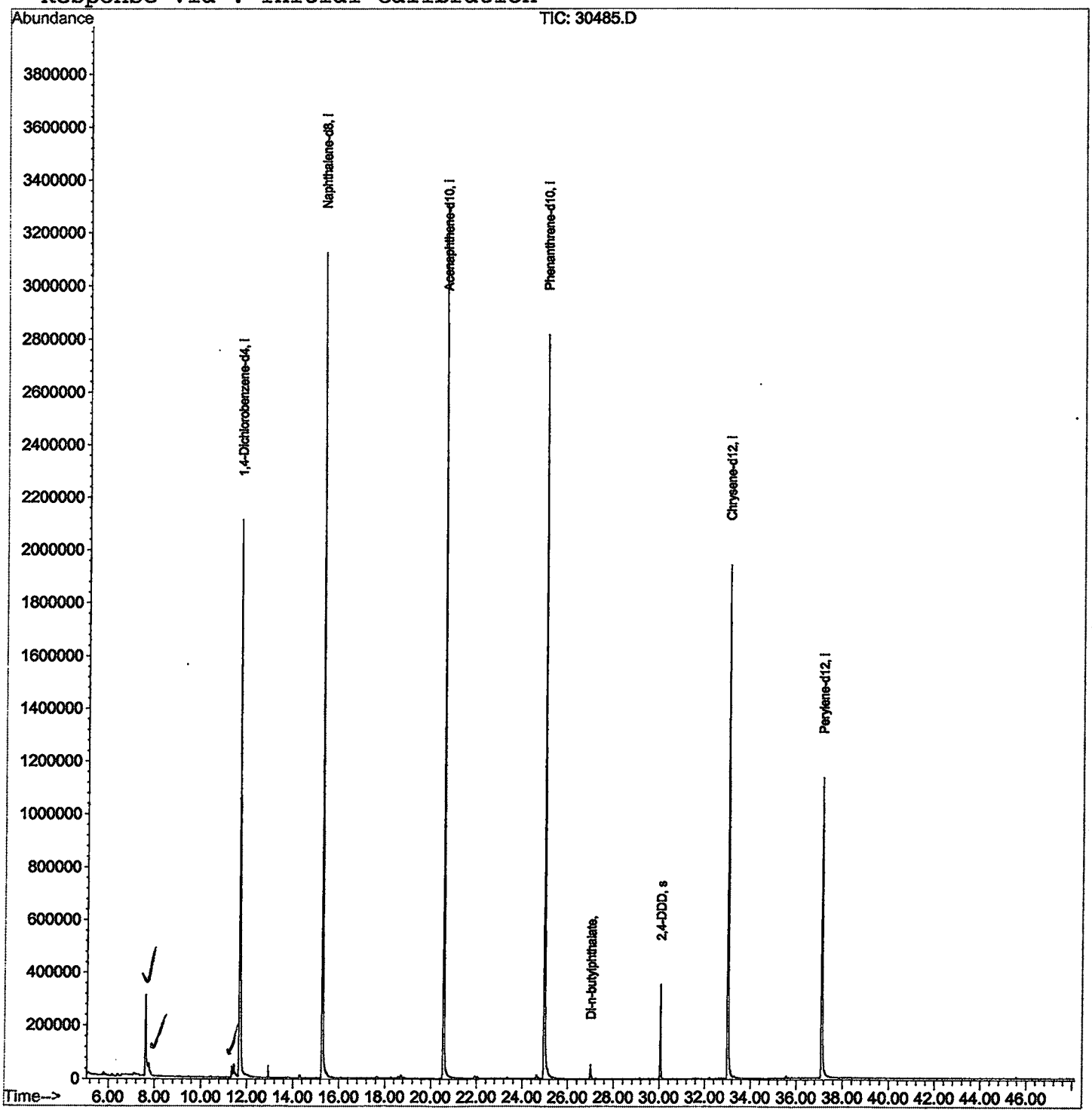
Acq On : 23 Dec 2001 6:12 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:06 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30485.D Vial: 23
Acq On : 23 Dec 2001 6:12 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 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

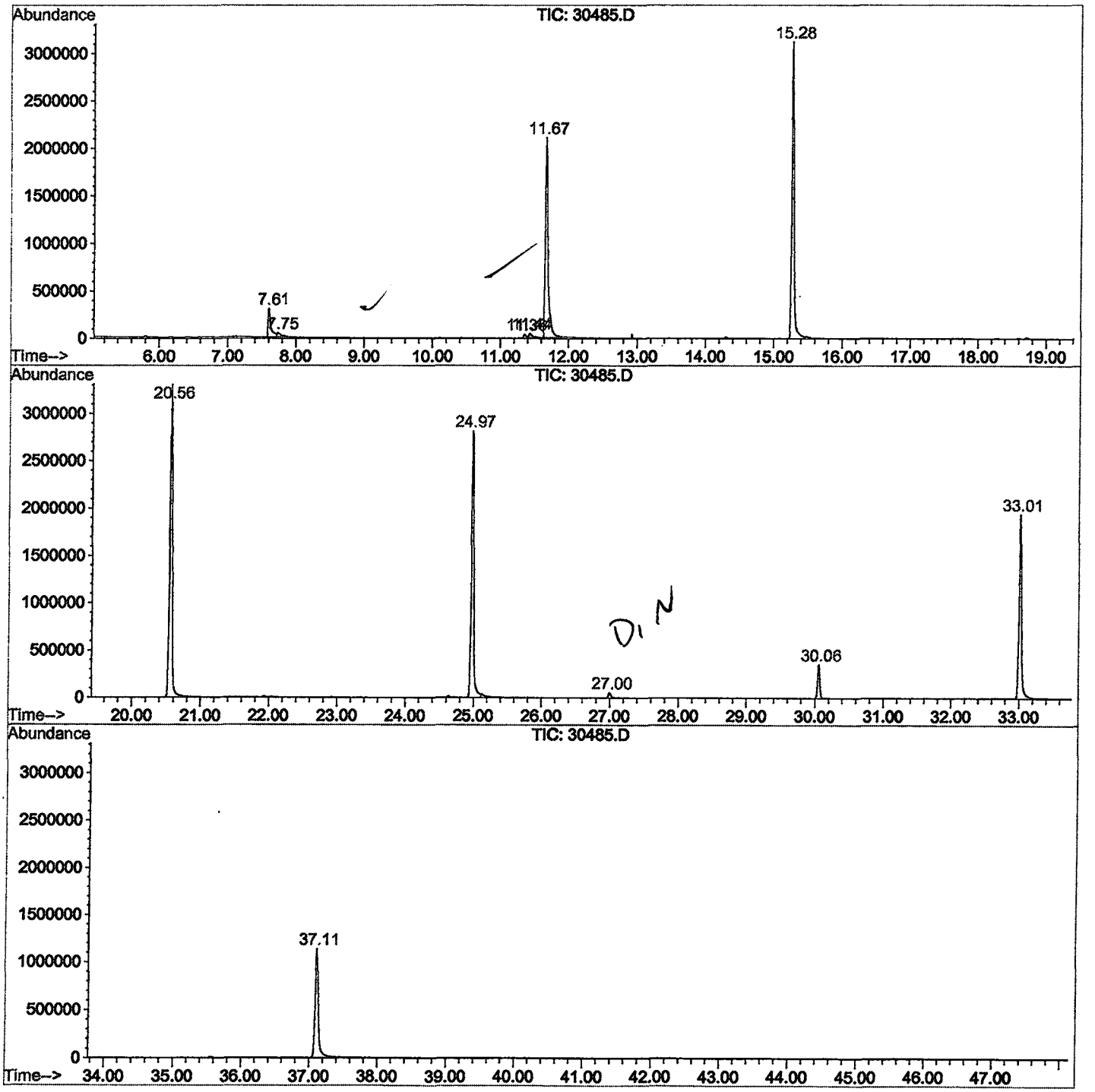
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.612	276	280	292	rBV	302004	888617	11.66%	2.321%
2	7.750	292	295	308	rVB2	43369	171896	2.25%	0.449%
3	11.358	684	688	692	rBV2	40315	95165	1.25%	0.249%
4	11.440	693	697	712	rVB	46417	163412	2.14%	0.427%
5	11.670	717	722	747	rBV	2105520	5910545	77.52%	15.437%
6	15.278	1109	1115	1134	rBV	3122089	7170515	94.05%	18.728%
7	20.556	1683	1690	1716	rBV	3309767	7624166	100.00%	19.913%
8	24.972	2165	2171	2186	rBV2	2815696	6903082	90.54%	18.029%
9	27.001	2386	2392	2401	rBV	54060	145751	1.91%	0.381%
10	30.058	2719	2725	2733	rBV	354631	777419	10.20%	2.030%
11	33.014	3040	3047	3066	rBV	1942246	4870920	63.89%	12.722%
12	37.108	3485	3493	3518	rBV2	1132458	3566639	46.78%	9.315%

Sum of corrected areas: 38288127

30485.D GCMS1126.M Tue Jan 29 14:18:21 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC2101\30485.D
Operator : 209 GALOS
Acquired : 23 Dec 2001 6:12 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/17
Misc Info :
Vial Number: 23
Quant File :GCMS1126.RES (RTE Integrator)



30485.D GCMS1126.M Tue Jan 29 14:18:27 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30485.D Vial: 23
Acq On : 23 Dec 2001 6:12 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

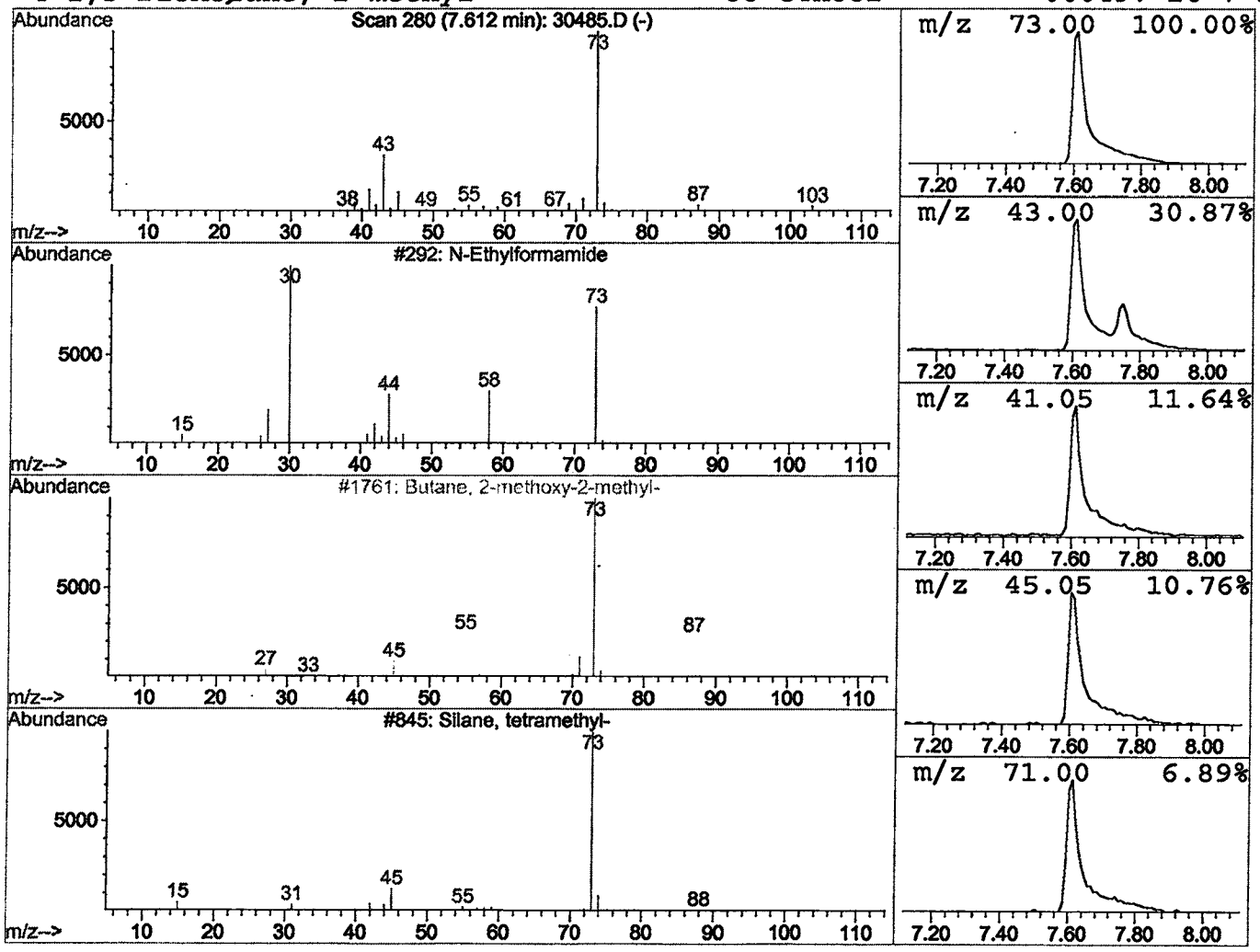
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.01 ug/l	888617	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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30485.D Vial: 23
Acq On : 23 Dec 2001 6:12 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

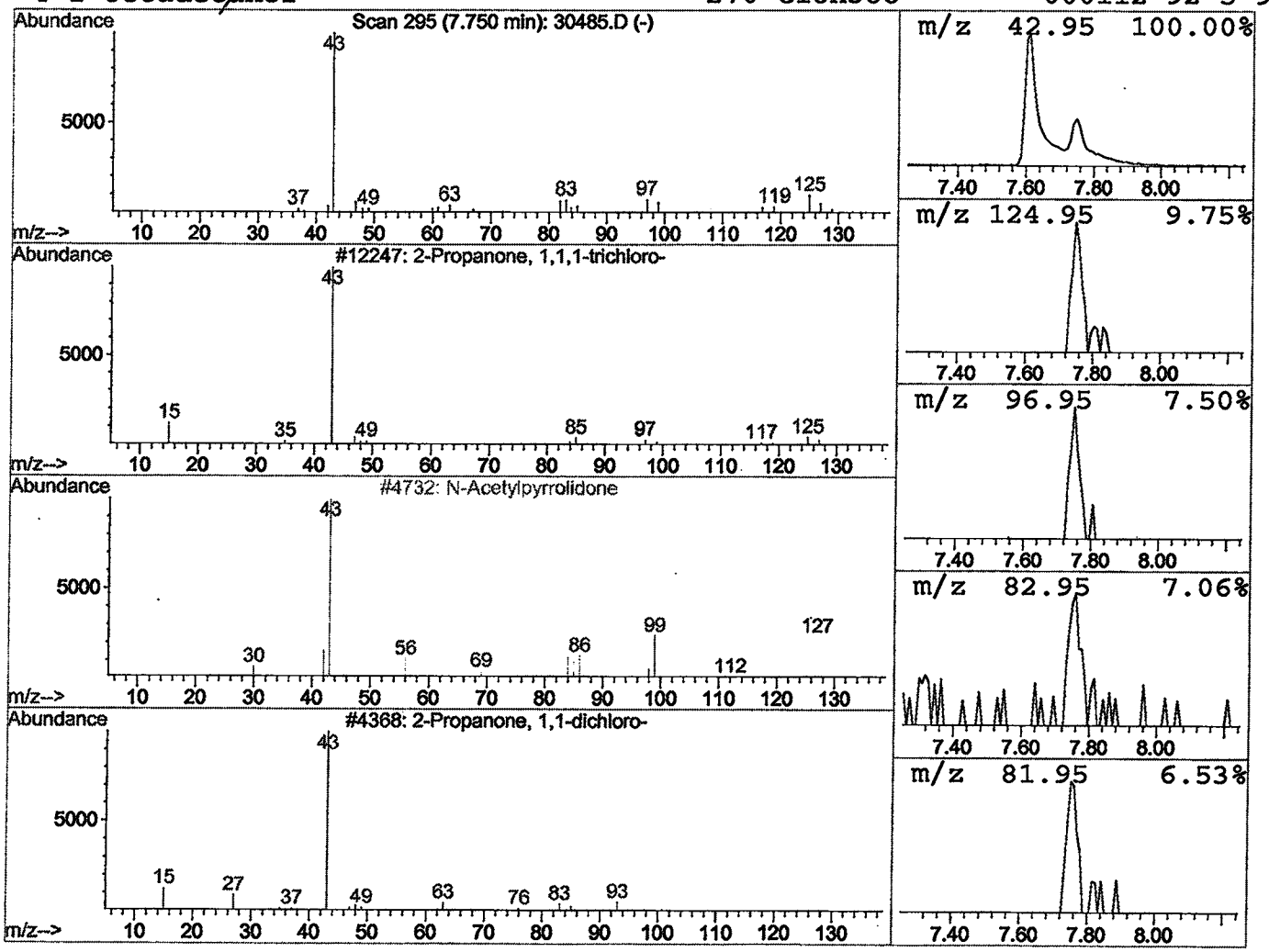
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.58 ug/l	171896	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	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
4	1-Octadecanol	270	C18H38O	000112-92-5	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30485.D Vial: 23
Acq On : 23 Dec 2001 6:12 am Operator: 209 GALOS
Sample : gc/ms scan 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

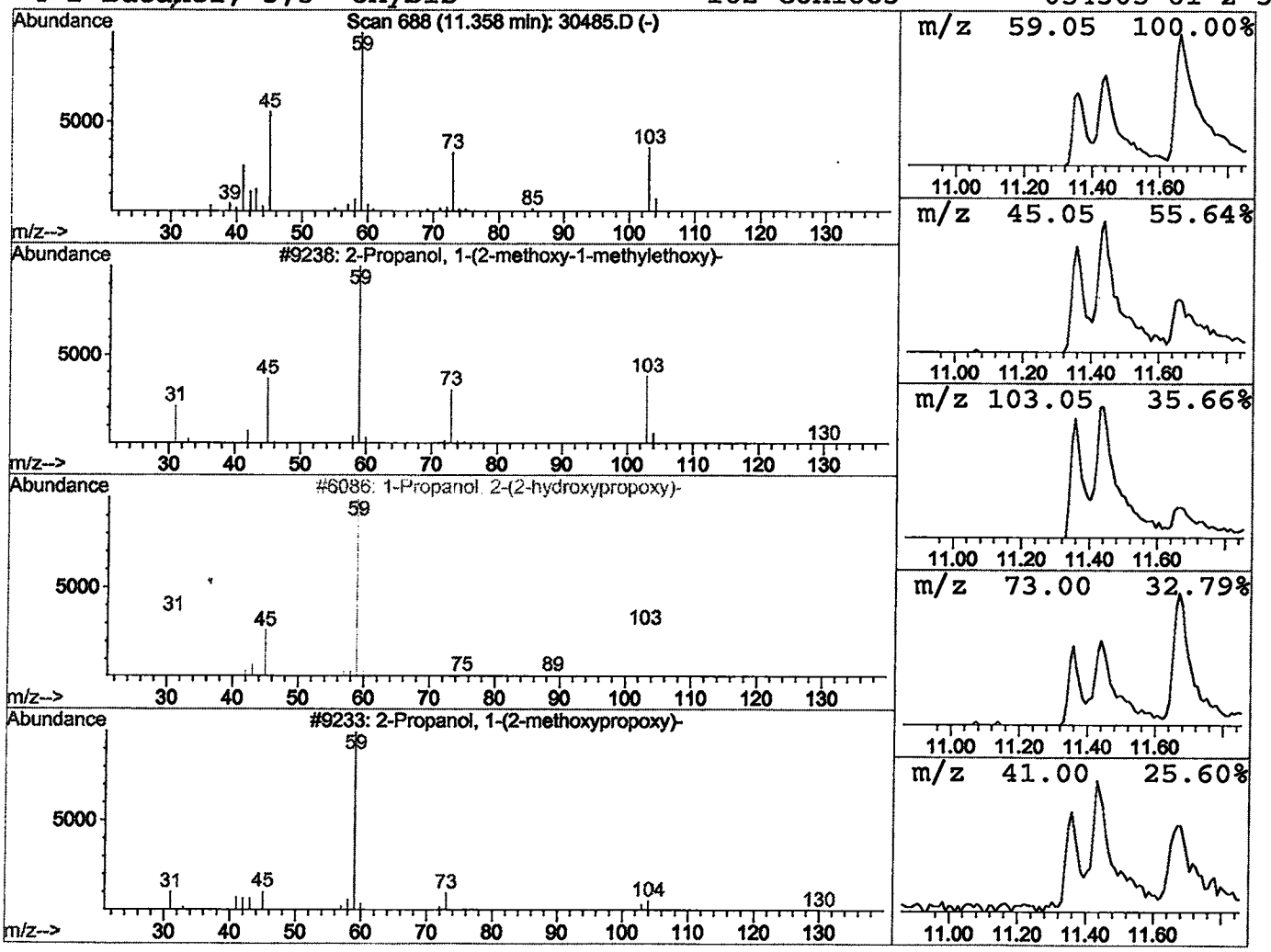
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	0.32 ug/l	95165	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	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2101\30485.D
Acq On : 23 Dec 2001 6:12 am
Sample : gc/ms scan 12/17
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

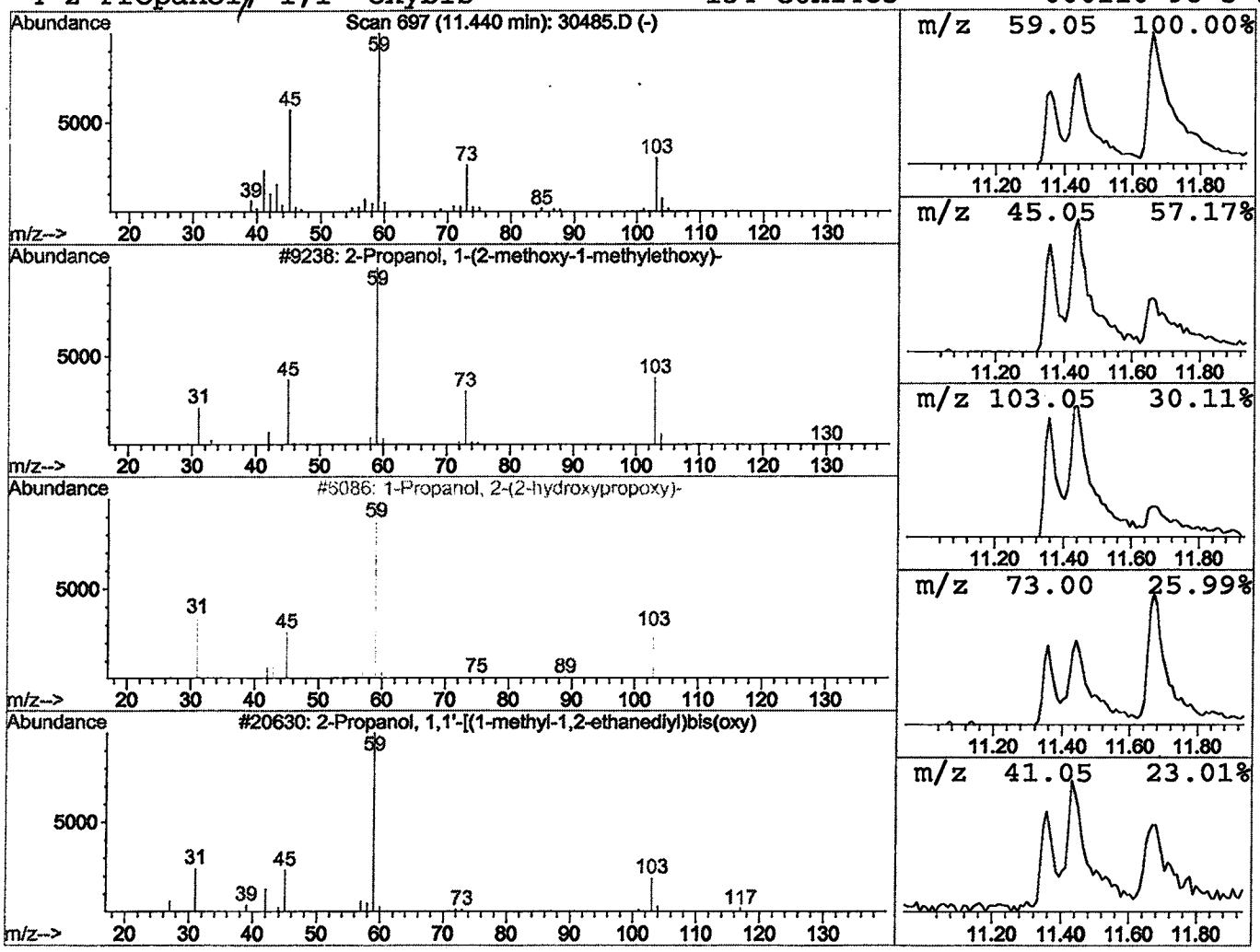
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.55 ug/l	163412	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	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	50
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 23 Dec 2001 6:12 am
Data File: M:\INSTRU~1\209\DATA\DEC2101\30485.D
Name: gc/ms scan 12/17
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	3.0	ug/l	888617	ISTD01	11.67	5910550	20.0
2-Propanone, 1,1,1-t	7.75	0.6	ug/l	171896	ISTD01	11.67	5910550	20.0
2-Propanol, 1-(2-met	11.36	0.3	ug/l	95165	ISTD01	11.67	5910550	20.0
2-Propanol, 1-(2-met	11.44	0.6	ug/l	163412	ISTD01	11.67	5910550	20.0

30485.D GCMS1126.M Tue Jan 29 14:18:52 2002