

Comments for Sample AD28598 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-07-2001 Time: 14:49:26

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 1.3 ug/L.

The recovery for the Surrogate Standard in this sample was 85%. Recoveries for 16 of the 44 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2901\28598.D

Vial: 47

Acq On : 30 Nov 2001 8:09 am

Operator: 209 GALOS

Sample : 11/23 scan

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 30 15:09 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	11.70	152	848158	20.00	ug/l	0.00
15) Naphthalene-d8	15.31	136	3232757	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1551335	20.00	ug/l	0.00
42) Phenanthrene-d10	24.99	188	2152563	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	1143842	20.00	ug/l	-0.01
59) Perylene-d12	37.11	264	727448	20.00	ug/l	-0.01

System Monitoring Compounds

52) 2,4-DDD	30.07	235	108427	4.23	ug/mL	0.00
Spiked Amount	5.000		Recovery	=	84.60%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	5.23	74	226	N.D.	
4) Phenol	0.00	94	0	N.D.	
5) bis(2-Chloroethyl)ether	0.00	93	0	N.D.	
6) 2-Chlorophenol	0.00	128	0	N.D.	
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
10) 2-Methylphenol	12.29	108	193	N.D.	
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
12) 3&4-Methylphenol	0.00	108	0	N.D.	
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
14) Hexachloroethane	0.00	117	0	N.D.	
16) Nitrobenzene	0.00	77	0	N.D.	
17) Isophorone	0.00	82	0	N.D.	
18) 2-Nitrophenol	0.00	139	0	N.D.	
19) 2,4-Dimethylphenol	0.00	107	0	N.D.	
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
21) 2,4-Dichlorophenol	0.00	162	0	N.D.	
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
23) Naphthalene	15.36	128	844	N.D.	
24) Hexachlorobutadiene	0.00	225	0	N.D.	
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.	
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30) 2-Chloronaphthalene	0.00	162	0	N.D.	
31) Dimethylphthalate	0.00	163	0	N.D.	
32) 2,6-Dinitrotoluene	0.00	165	0	N.D. d	

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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2901\28598.D
 Acq On : 30 Nov 2001 8:09 am
 Sample : 11/23 scan
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 30 15:09 2001

Vial: 47
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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
33) Acenaphthylene	0.00	152	0	N.D.	
34) Acenaphthene	0.00	153	0	N.D.	
35) 2,4-Dinitrophenol	0.00	184	0	N.D.	
36) 4-Nitrophenol	0.00	65	0	N.D.	
37) 2,4-Dinitrotoluene	21.05	165	136	N.D.	
38) Diethylphthalate	22.10	149	461	N.D.	
39) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
40) Fluorene	0.00	166	0	N.D.	
41) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
43) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
44) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
45) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
46) Hexachlorobenzene	0.00	284	0	N.D.	
47) Pentachlorophenol	0.00	266	0	N.D.	
48) Phenanthrene	25.06	178	666	N.D.	
49) Anthracene	25.06	178	666	N.D.	
50) Di-n-butylphthalate	27.00	149	7245	N.D.	
51) Fluoranthene	0.00	202	0	N.D.	
54) Pyrene	0.00	202	0	N.D.	
55) Butylbenzylphthalate	31.52	149	430	N.D.	
56) Benzo(a)anthracene	33.02	228	3090	N.D.	
57) Bis(2-ethylhexyl)phthalate	33.31	149	92367	1.33 ug/l	97
58) Chrysene	33.02	228	3090	N.D.	
60) Di-n-Octylphthalate	0.00	149	0	N.D.	
61) Benzo(b)fluoranthene	0.00	252	0	N.D.	
62) Benzo(k)fluoranthene	0.00	252	0	N.D.	
63) Benzo(a)pyrene	37.12	252	2894	N.D.	
64) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
65) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
66) 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\NOV2901\28598.D

Acq On : 30 Nov 2001 8:09 am

Sample : 11/23 scan

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 30 15:09 2001

Vial: 47

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

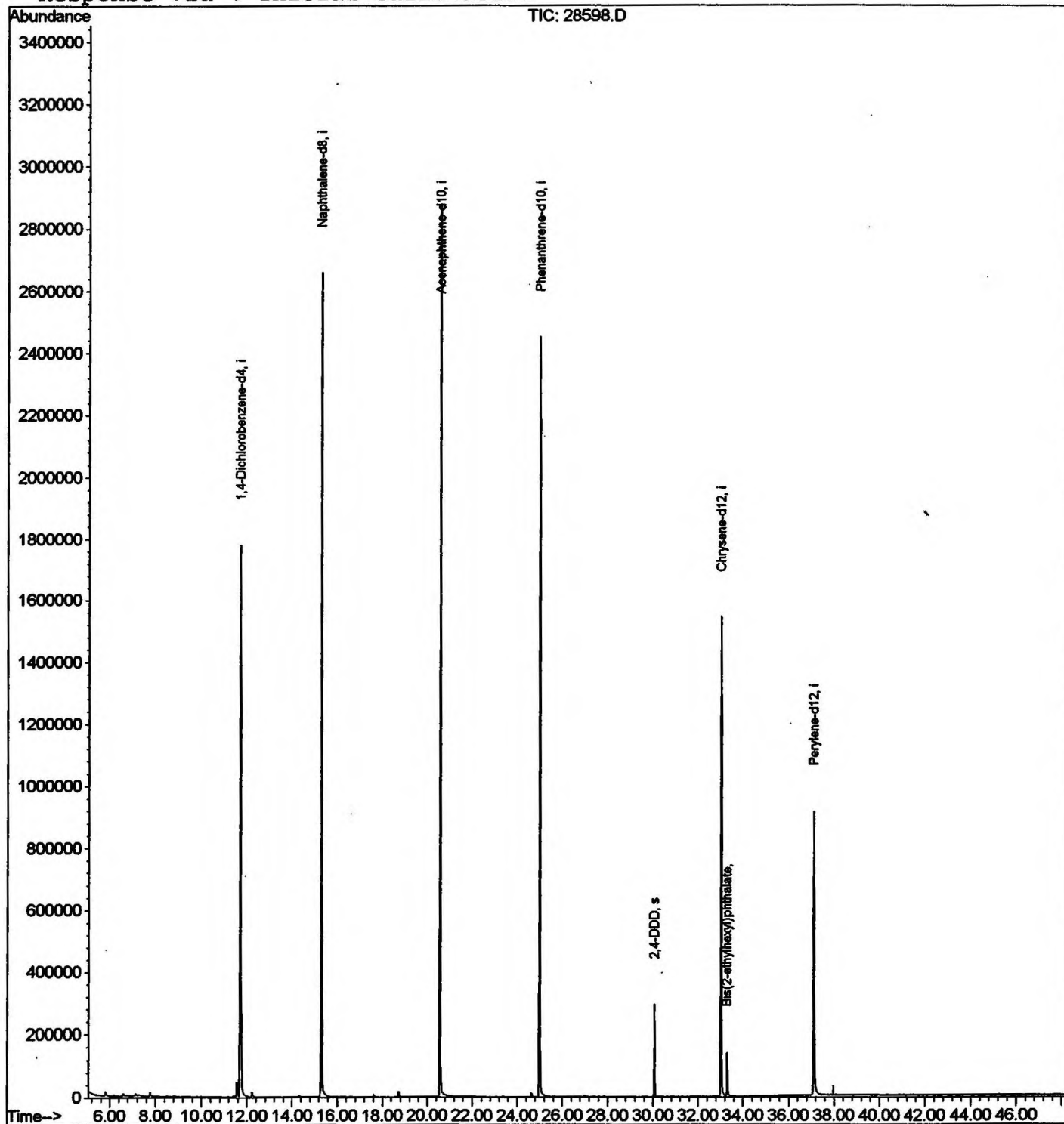
Quant Results File: GCMS1126.RES

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\NOV2901\28598.D

Acq On : 30 Nov 2001 8:09 am

Sample : 11/23 scan

Misc :

MS Integration Params: LSCINT.P

Vial: 47

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1 % of largest Peak

Max Peaks: 100

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	11.560	706	710	720	rBV	46607	114905	1.86%	0.394%
2	11.697	720	725	745	rBV	1777919	4465335	72.30%	15.309%
3	15.296	1112	1117	1136	rBV	2657674	5919599	95.84%	20.294%
4	20.575	1686	1692	1711	rBV	2875493	6176296	100.00%	21.174%
5	24.991	2167	2173	2187	rBV2	2450724	5411958	87.62%	18.554%
6	30.067	2721	2726	2737	rVB	294844	571967	9.26%	1.961%
7	33.023	3041	3048	3066	rBV2	1543960	3606552	58.39%	12.364%
8	33.299	3073	3078	3091	rVB	136978	310279	5.02%	1.064%
9	37.109	3486	3493	3509	rBV2	909898	2592097	41.97%	8.886%

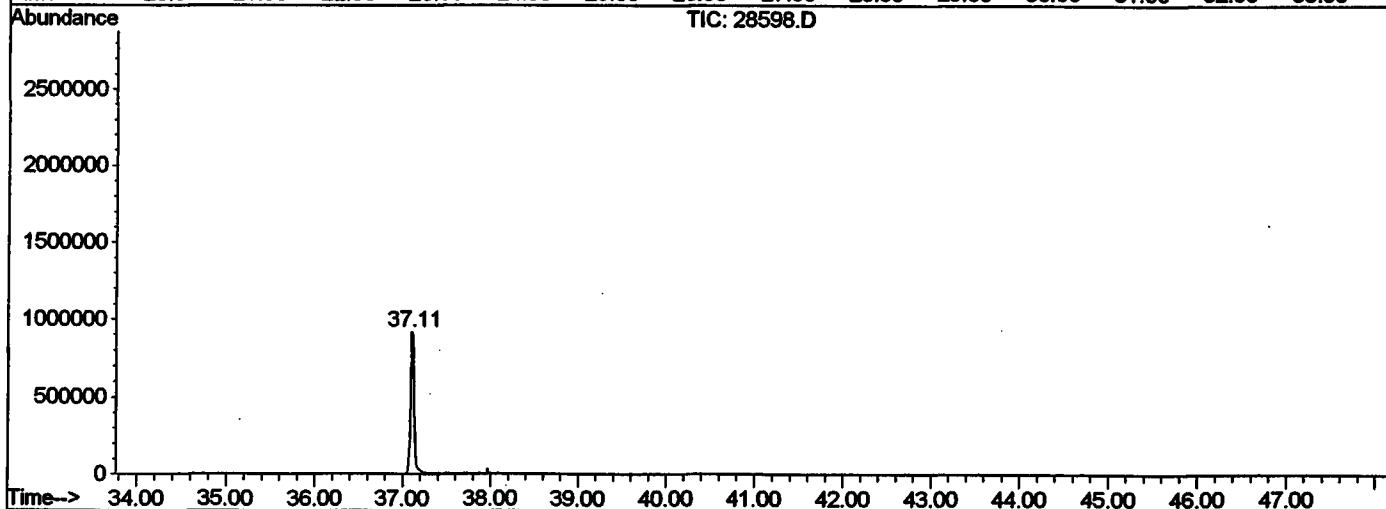
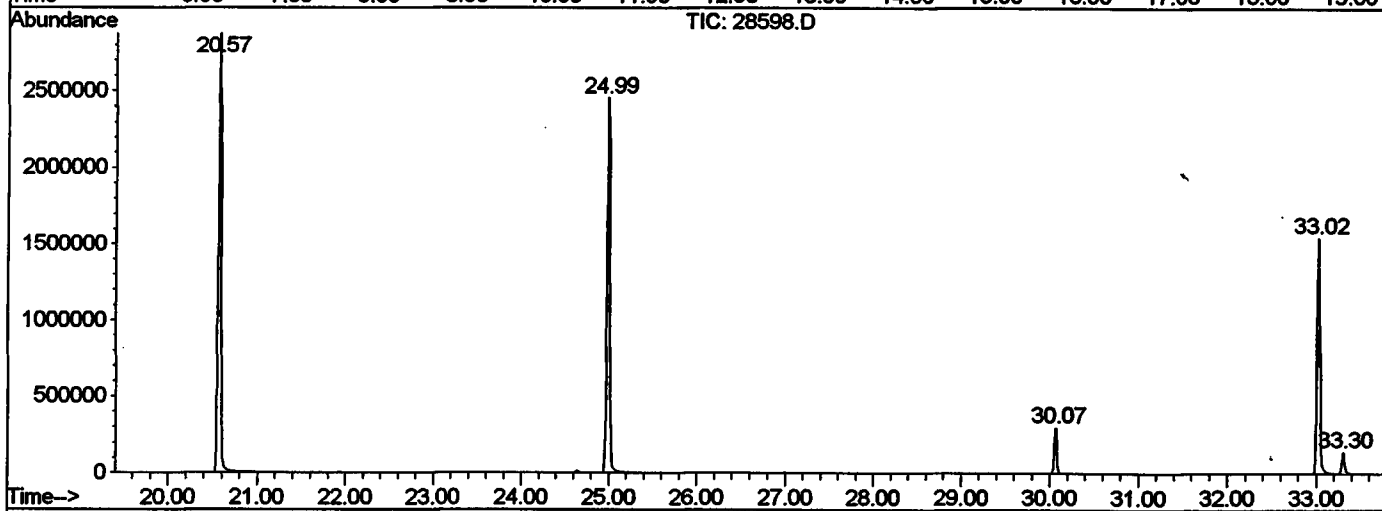
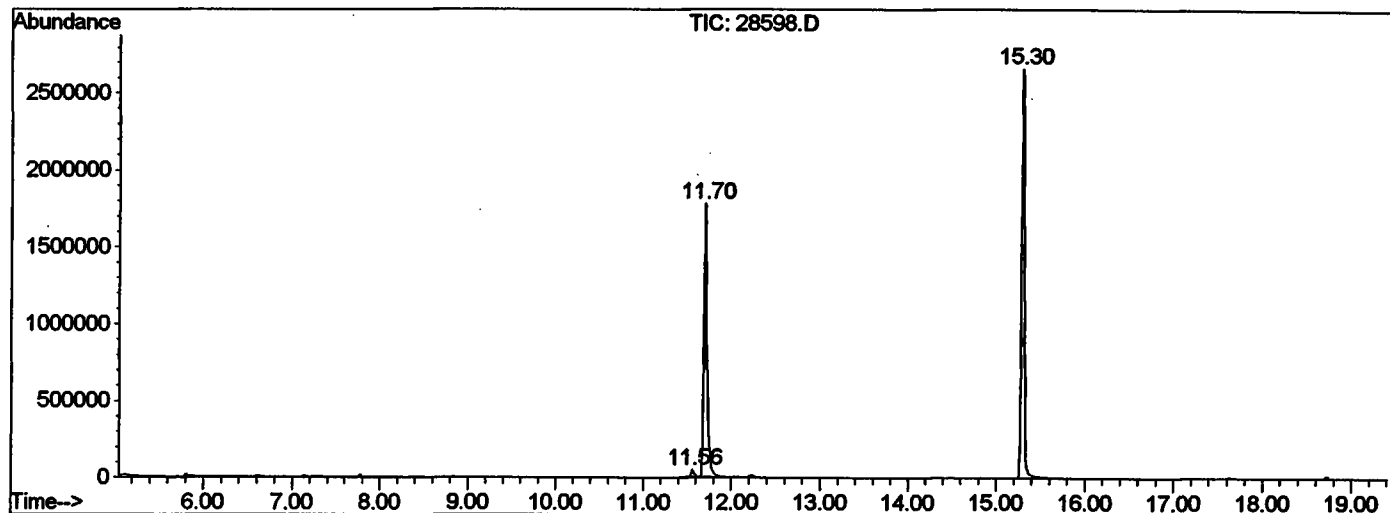
Sum of corrected areas: 29168988

28598.D GCMS1126.M

Fri Nov 30 15:32:34 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2901\28598.D
 Operator : 209 GALOS
 Acquired : 30 Nov 2001 8:09 am using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: 11/23 scan
 Misc Info :
 Vial Number: 47
 Quant File :GCMS1126.RES (RTE Integrator)



28598.D GCMS1126.M Fri Nov 30 15:32:39 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2901\28598.D
 Acq On : 30 Nov 2001 8:09 am
 Sample : 11/23 scan
 Misc :
 MS Integration Params: LSCINT.P

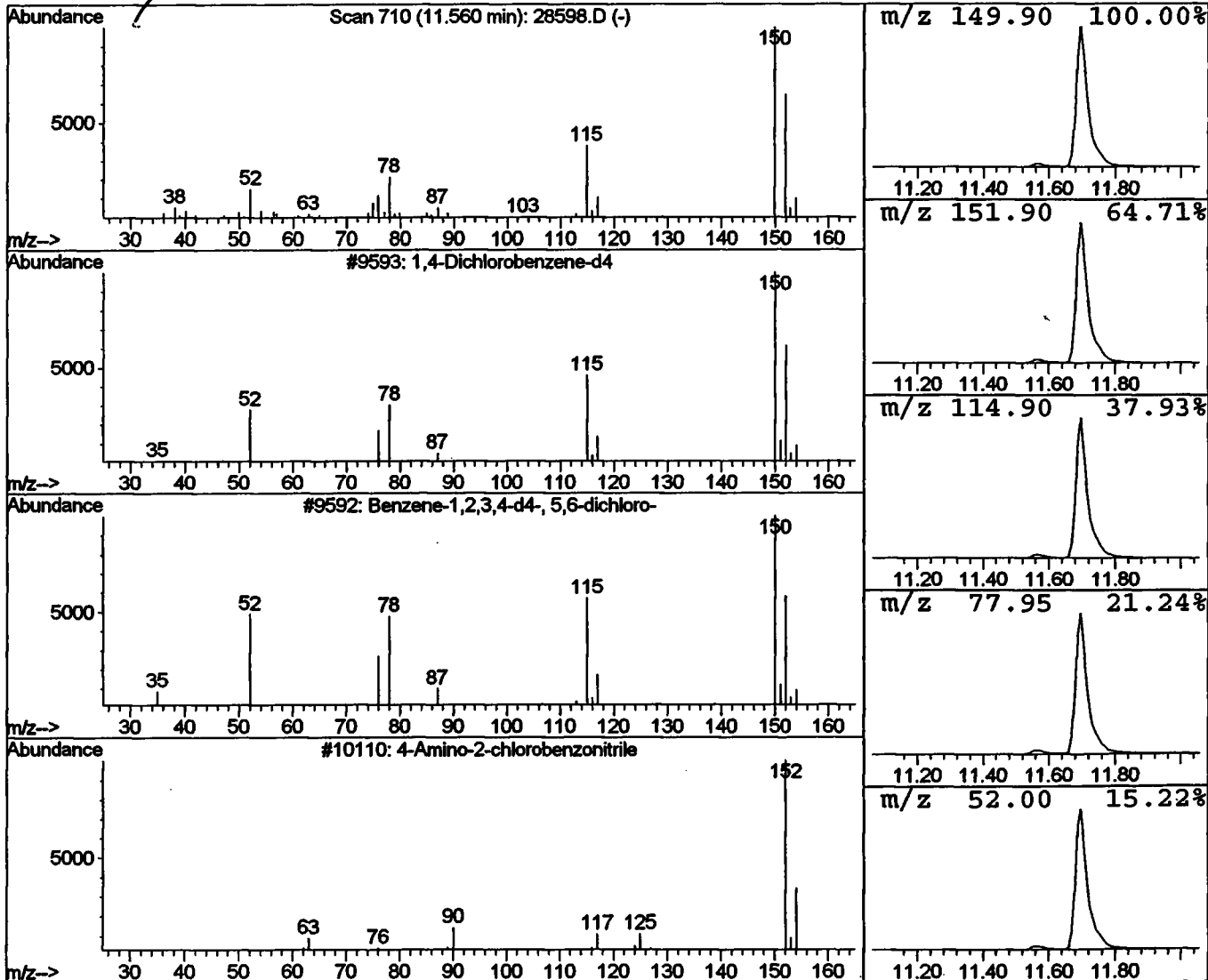
Vial: 47
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

 Peak Number 1 1,4-Dichlorobenzene-d4 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.51 ug/l	114905	1,4-Dichlorobenzene-d4	11.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	35
3			4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	10
4			Vanillin	152	C8H8O3	000121-33-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 30 Nov 2001 8:09 am
 Data File: C:\HPCHEM\1\DATA\NOV2901\28598.D
 Name: 11/23 scan
 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
1,4-Dichlorobenzene-	11.56	0.5	ug/l	114905	ISTD01	11.70	4465340	20.0
28598.D GCMS1126.M			Fri Nov 30 15:32:50 2001					