User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/16/2002 Time: 15:39:51

Sample: AE07112
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/16/02 15:38 Ended: 4/16/02 15:38 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 AE07112 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-16-2002 Time: 15:45:36

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\7112.D Vial: 19
Acq On : 11 Apr 2002 4:50 am Operator: Bohlk
Sample : SAMPLE 7112 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 17:53:58 2002 Quant Results File: 5080402BB.RES

Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.41	152	459669	40.00	ug/L	0.00
10) Naphthalene-d8	12.88	136	2172400	40.00	ug/L	-0.01
17) Acenaphthene-d10	17.99	164	1243743	40.00	ug/L	-0.01
30) Phenanthrene-d10	22.34	188	1762242	40.00	ug/L	-0.01
39) Chrysene-d12	30.14	240	1378262	40.00	ug/L	-0.02
45) Perylene-d12	34.01	264	892207	40.00	ug/L	-0.01
System Monitoring Compounds						
28) TCMX (SURR)	19.94	244	23684	8.99	ug/L	-0.01
Spiked Amount 10.000			Recovery = 89.90%			
38) 2,4-DDD (SURR)	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	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-Chloropr	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) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	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	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
32) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		
35) Anthracene	0.00	178	0	N.D.		
36) Di-n-butylphthalate	0.00	149	0	N.D.	d	
37) Fluoranthene	0.00	202	0	N.D.		
40) Pyrene	0.00	202	0	N.D.		
41) Butylbenzylphthalate	0.00	149	0	N.D.		
42) Benzo (a) antracene	0.00	228	0	N.D.	d	
43) Bis (2-ethylhexyl) phthala	30.77	149	88229	3.56	ug/L	98
44) Chrysene	0.00	228	0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\041002\7112.D Vial: 19
Acq On : 11 Apr 2002 4:50 am Operator: Bohlk
Sample : SAMPLE 7112 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 17:53:58 2002 Quant Results File: 5080402BB.RES

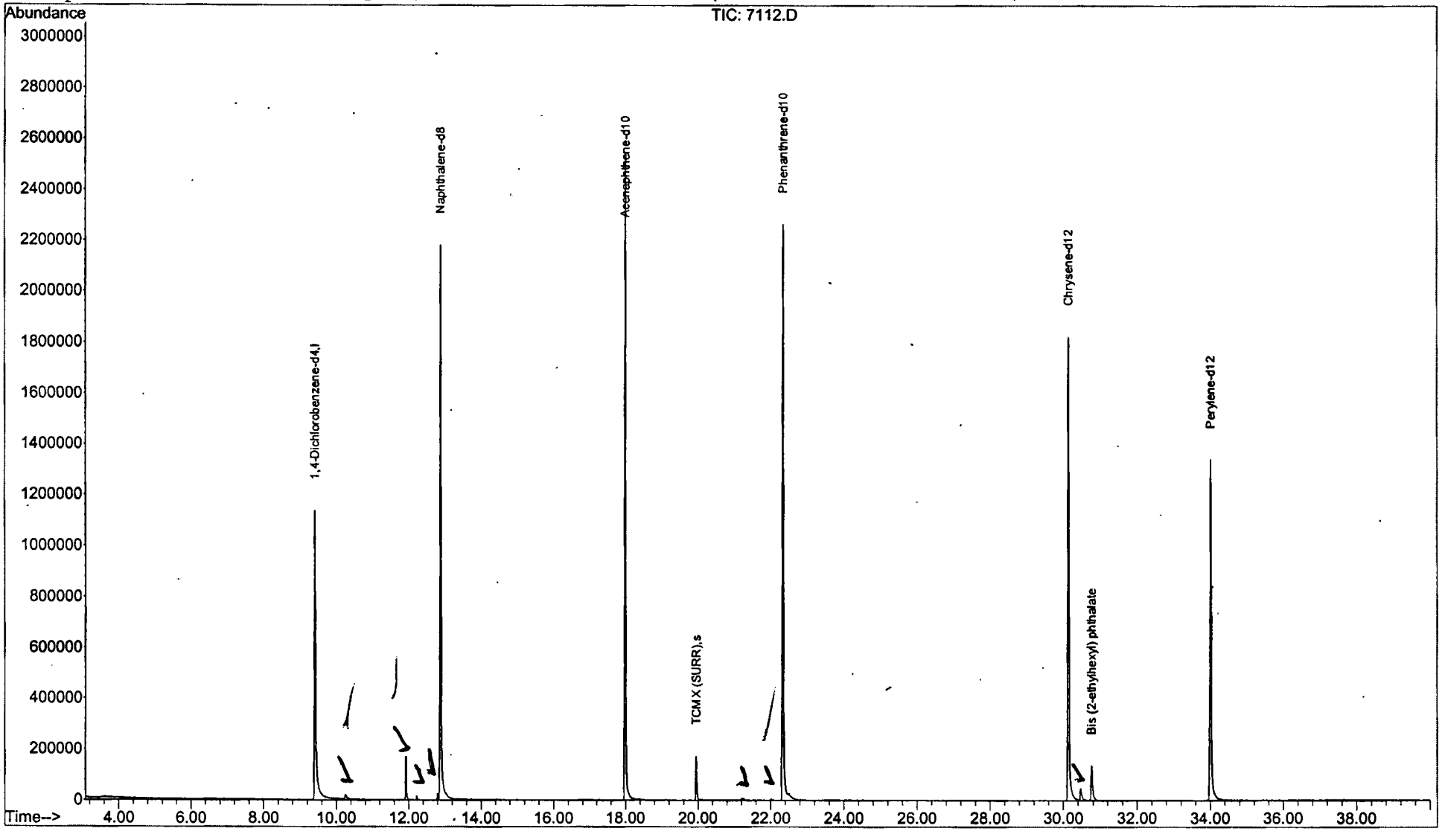
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo (b) fluoranthene	0.00	252	0	N.D.	
48) Benzo (k) fluoranthene	0.00	252	0	N.D.	
49) Benzo (a) pyrene	0.00	252	0	N.D.	d
50) Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.	
51) Dibenz (a,h) anthracene	0.00	278	0	N.D.	
52) Benzo (g,h,i) perylene	0.00	276	0	N.D.	

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

Data File : C:\MSDCHEM\1\DATA\041002\7112.D Vial: 19
Acq On : 11 Apr 2002 4:50 am Operator: Bohlk
Sample : SAMPLE 7112 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Apr 15 17:55 2002 Quant Results File: 5080402BB.RES

Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Mon Apr 15 15:56:12 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\041002\7112.D Vial: 19
Acq On : 11 Apr 2002 4:50 am Operator: Bohlk
Sample : SAMPLE 7112 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
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	corr. area	corr. % max.	% of total
1	9.407	1070	1077	1103	rBV	1134027	3053898	57.45%	11.342%
2	10.253	1210	1221	1234	rBV3	18654	64507	1.21%	0.240%
3	11.922	1498	1505	1516	rBV2	168152	302827	5.70%	1.125%
4	12.798	1647	1654	1660	rBV4	26820	56807	1.07%	0.211%
5	12.880	1660	1668	1693	rBV	2177357	4654462	87.56%	17.286%
6	17.986	2527	2537	2565	rBV	2544389	5315829	100.00%	19.742%
7	19.948	2865	2871	2884	rBV2	169806	355648	6.69%	1.321%
8	22.339	3269	3278	3296	rBV2	2263784	5039891	94.81%	18.717%
9	30.142	4596	4606	4619	rBV2	1820291	4264600	80.22%	15.838%
10	30.471	4655	4662	4681	rVB4	44565	123710	2.33%	0.459%
11	30.765	4704	4712	4734	rBV2	134816	364224	6.85%	1.353%
12	34.014	5254	5265	5290	rBV2	1339847	3330167	62.65%	12.368%

Sum of corrected areas: 26926570

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\041002\7112.D
Operator : Bohlk
Acquired : 11 Apr 2002 4:50 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 7112 3/27/02
Misc Info :
Vial Number: 19
Quant File :5080402BB.RES (RTE Integrator)

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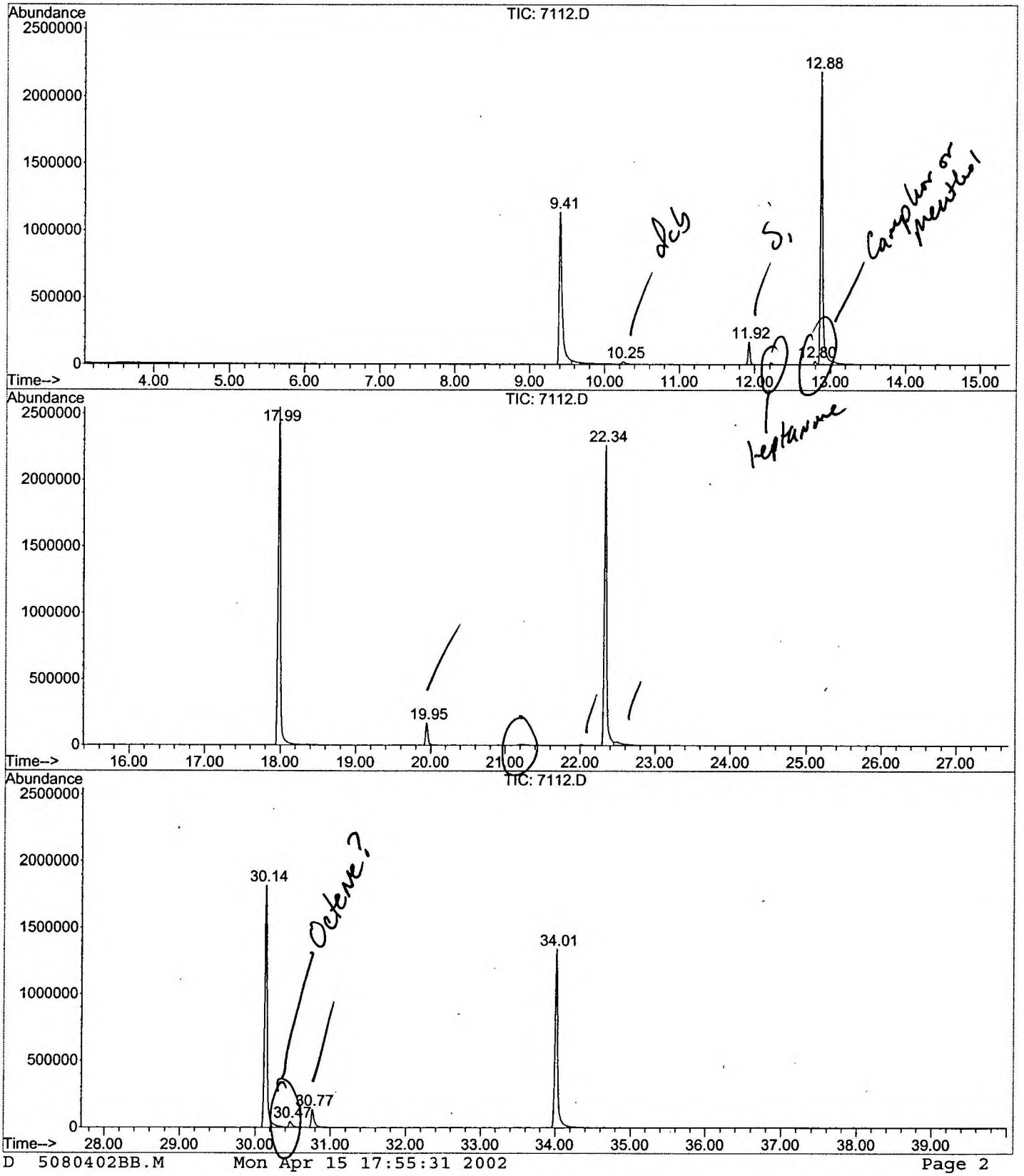


Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041002\7112.D Vial: 19
Acq On : 11 Apr 2002 4:50 am Operator: Bohlk
Sample : SAMPLE 7112 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

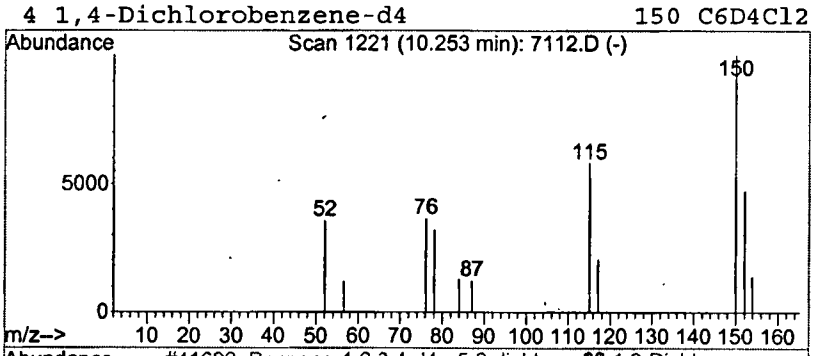
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

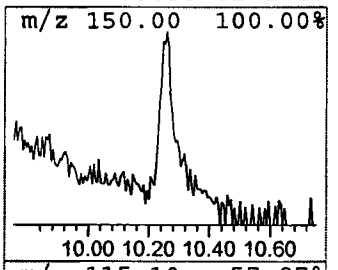
****

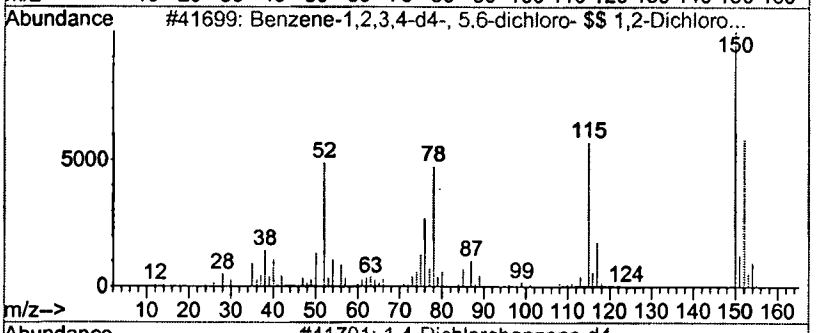
Peak Number 1 Benzene-1,2,3,4-d4-, 5,6-di... Concentration Rank 3

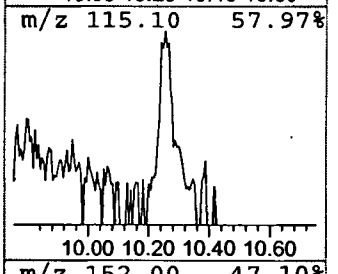
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	0.84 ug/L	64507	1,4-Dichlorobenzene-d4	9.41

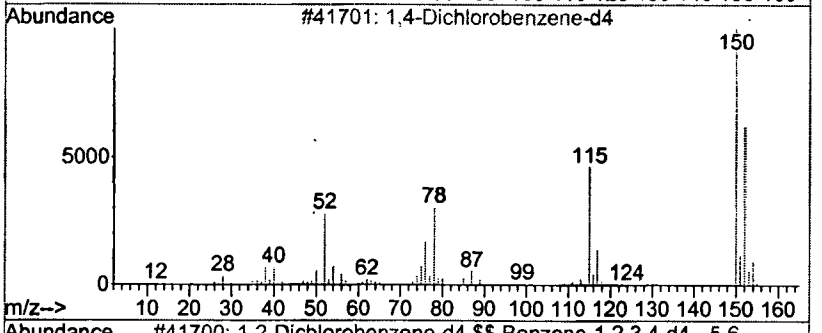
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene-1,2,3,4-d4-, 5,6-dichlor...	150	C6D4Cl2	002199-69-1	86
2	1,4-Dichlorobenzene-d4	150	C6D4Cl2	003855-82-1	72
3	1,2-Dichlorobenzene-d4 $$ Benzen...	150	C6D4Cl2	002199-69-1	47
4	1,4-Dichlorobenzene-d4	150	C6D4Cl2	003855-82-1	47

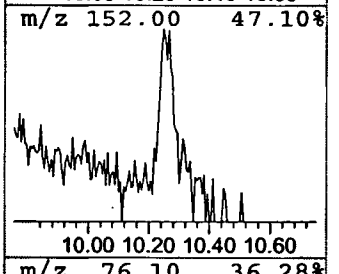


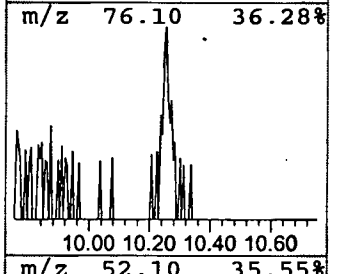


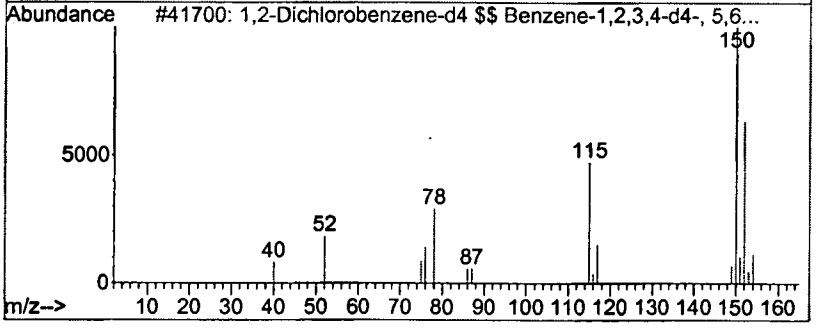


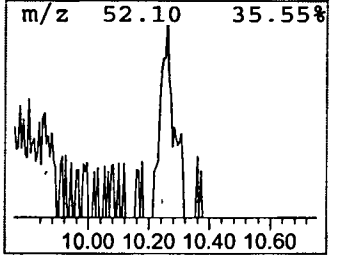












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041002\7112.D Vial: 19
Acq On : 11 Apr 2002 4:50 am Operator: Bohlk
Sample : SAMPLE 7112 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

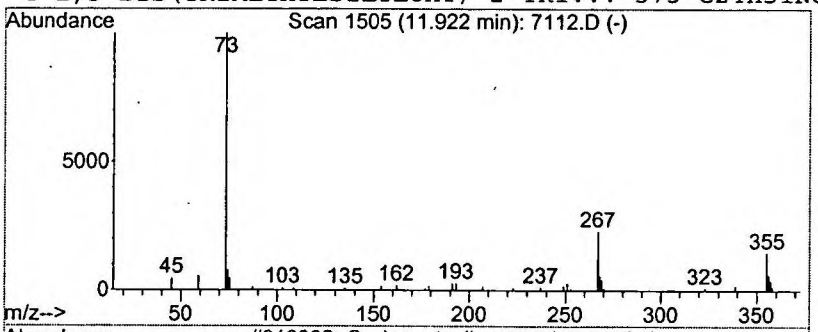
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

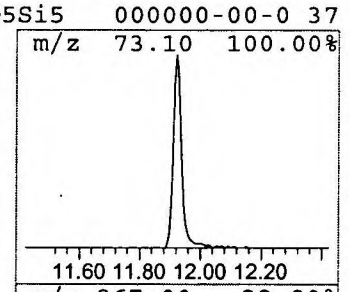
****

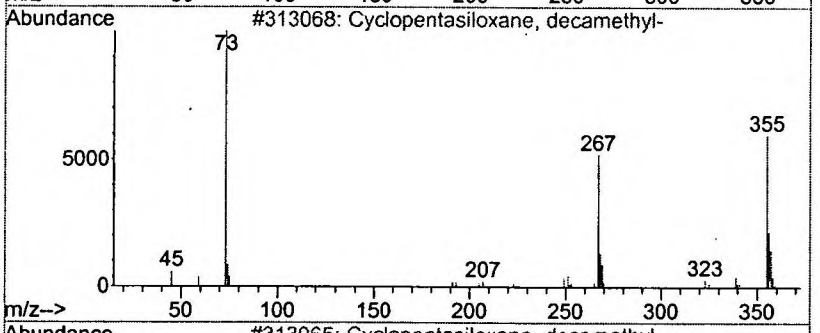
Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 1

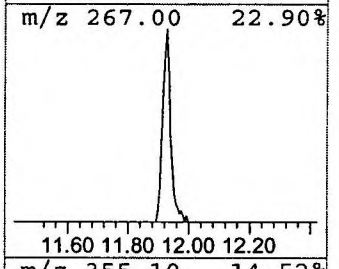
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.60 ug/L	302827	Naphthalene-d8	12.88

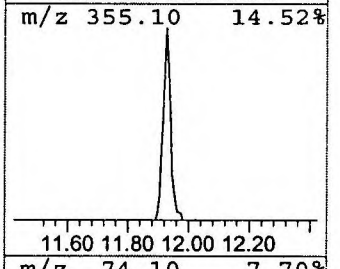
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
3	1,2-BIS(TRIMETHYLSILYOXY)-4-TRIM...	356	C16H32O3Si3	000000-00-0	43
4	1,3-BIS(TRIMETHYLSILYLOXY)-2-TRI...	573	C24H51NO5Si5	000000-00-0	37

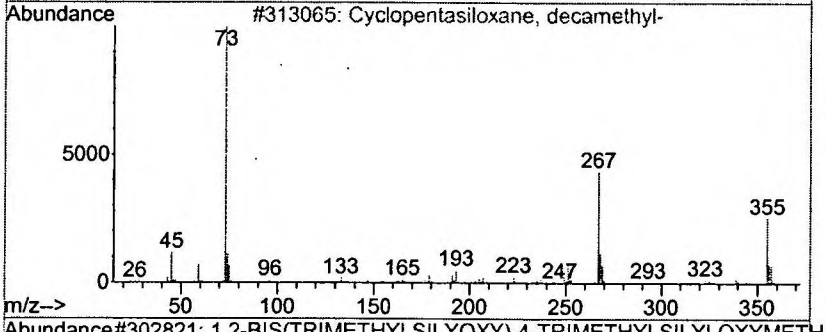


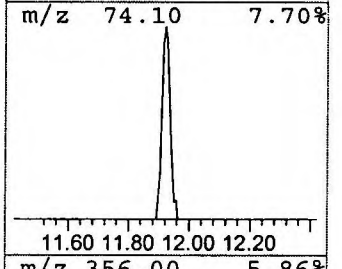


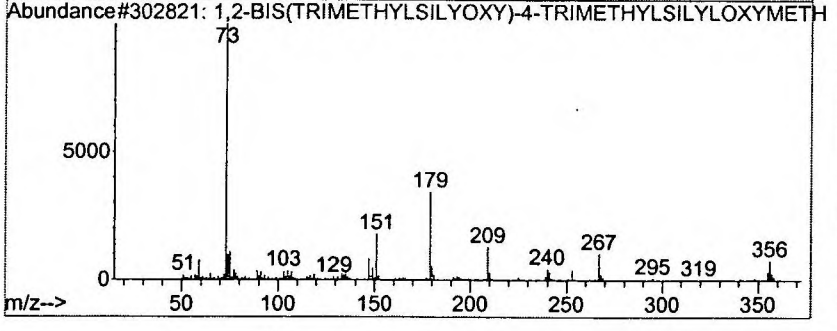


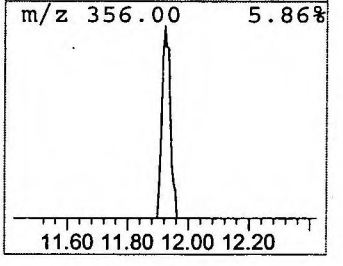












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\041002\7112.D Vial: 19
Acq On : 11 Apr 2002 4:50 am Operator: Bohlk
Sample : SAMPLE 7112 3/27/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

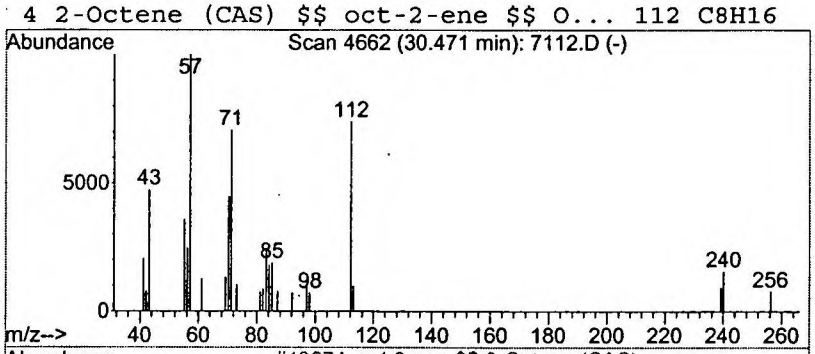
Quant Method : C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

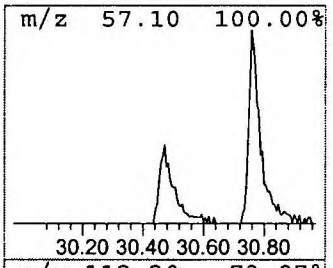
****

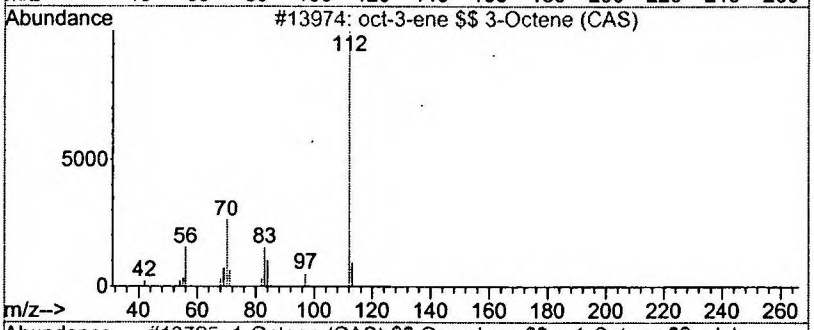
Peak Number 3 oct-3-ene $$ 3-Octene (CAS) Concentration Rank 2

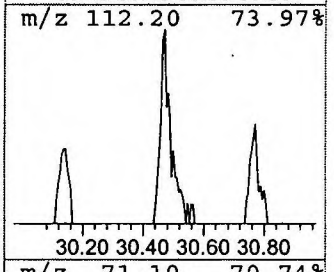
R.T.	EstConc	Area	Relative to ISTD	R.T.
30.47	1.16 ug/L	123710	Chrysene-d12	30.14

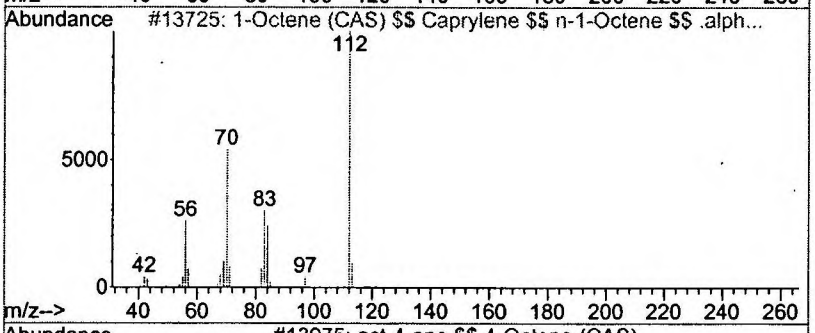
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	oct-3-ene $$ 3-Octene (CAS)	112	C8H16	000592-98-3	62
2	1-Octene (CAS) $$ Caprylene $$ n...	112	C8H16	000111-66-0	62
3	oct-4-ene $$ 4-Octene (CAS)	112	C8H16	000592-99-4	62
4	2-Octene (CAS) $$ oct-2-ene $$ O...	112	C8H16	000111-67-1	53

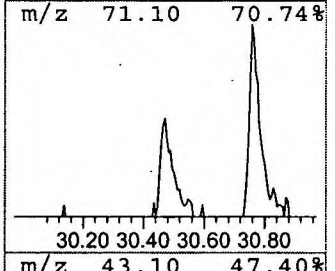


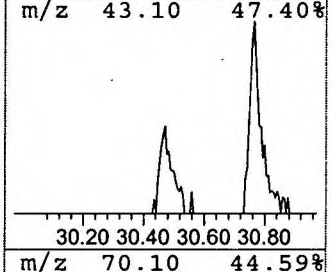


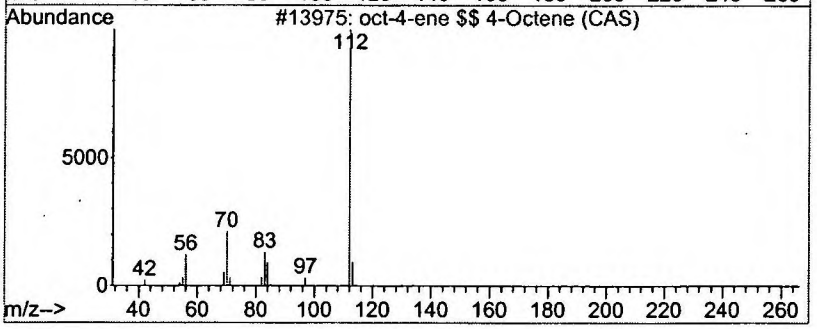


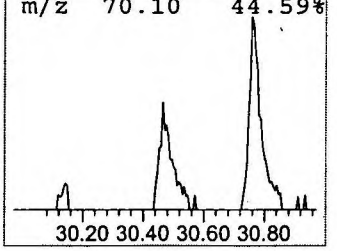










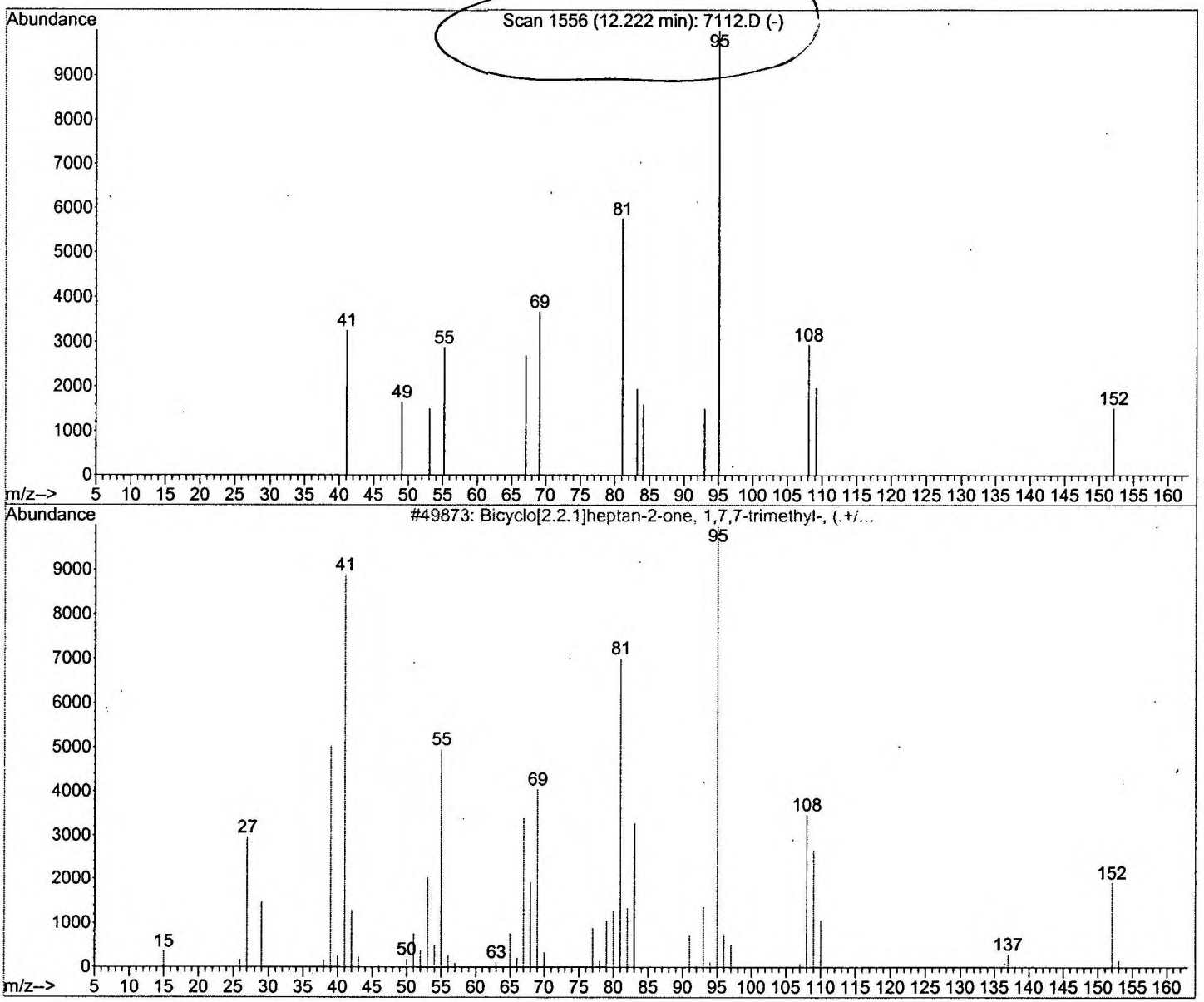


Tentatively Identified Compound (LSC) summary

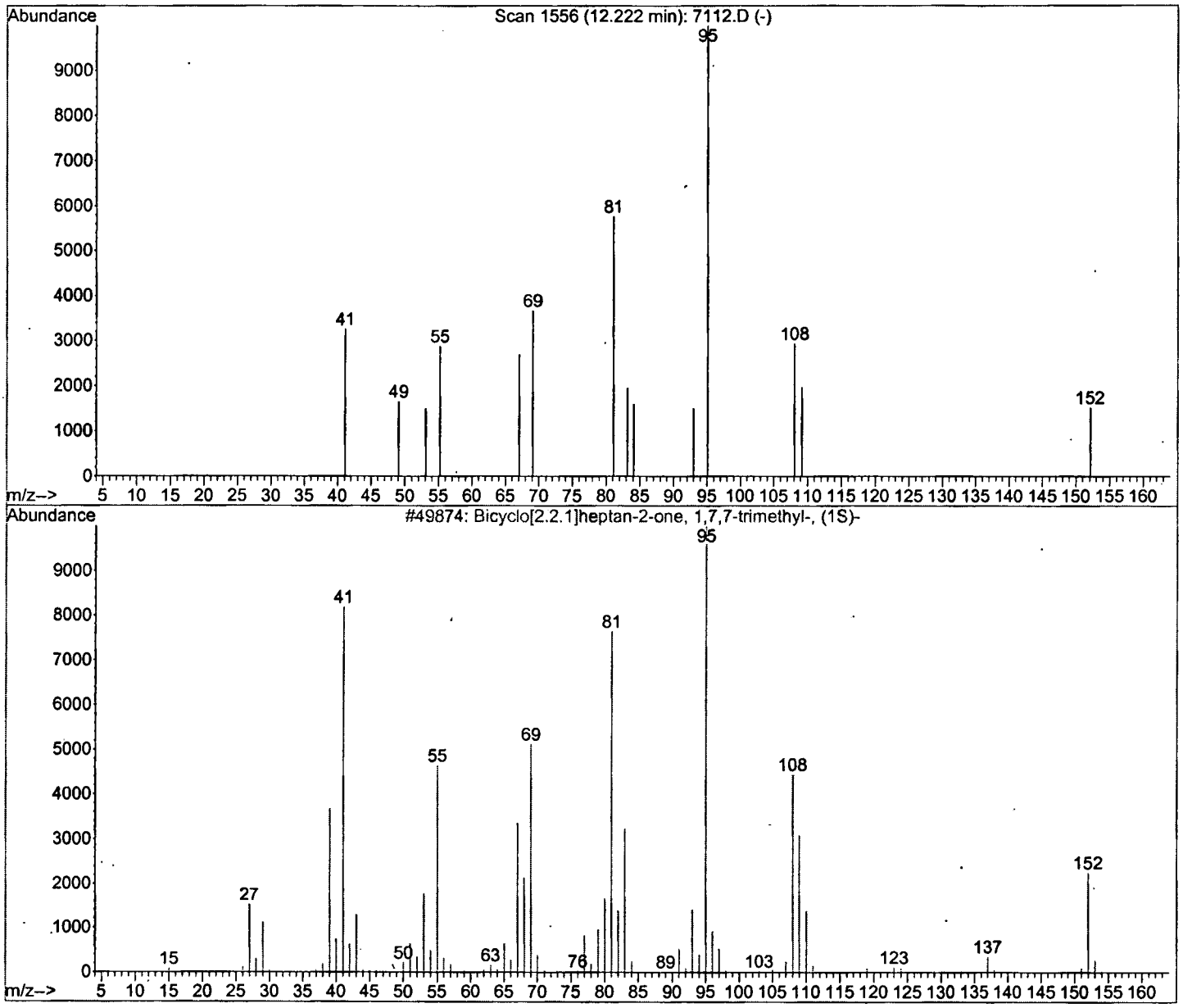
Operator ID: Bohlk Date Acquired: 11 Apr 2002 4:50 am
Data File: C:\MSDCHEM\1\DATA\041002\7112.D
Name: SAMPLE 7112 3/27/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080402BB.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene-1,2,3,4-d...	10.25	0.8	ug/L	64507	1	9.41	3053900	40.0
Cyclopentasiloxan...	11.92	2.6	ug/L	302827	2	12.88	4654460	40.0
oct-3-ene $$ 3-Oc...	30.47	1.2	ug/L	123710	5	30.14	4264600	40.0

Library Searched : C:\database\wiley7n.l
Quality : 58
ID : Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (.+/-.)- $$ Camphor, (.+/-.)- $$ (.+/-.)-Camphor $$ DL-Camphor $$ Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (.+-.)- $$ Camphor, (.+-.)- $$ (.+-.)-Camphor



Library Searched : C:\database\wiley7n.l
Quality : 58
ID : Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (1S)-



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Library Searched : C:\database\wiley7n.l
Quality          : 58
ID               : Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (1S)- $$ (-)-Alcanfor $$
                   (-)-Camphor $$ Camphor, (1S,4S)-(-)- $$ L-camphor $$ Levo-(-)-camphor
                   $$ (1S)-(-)-Camphor $$ Camphor, l-, (-)- $$ CAMPHORE
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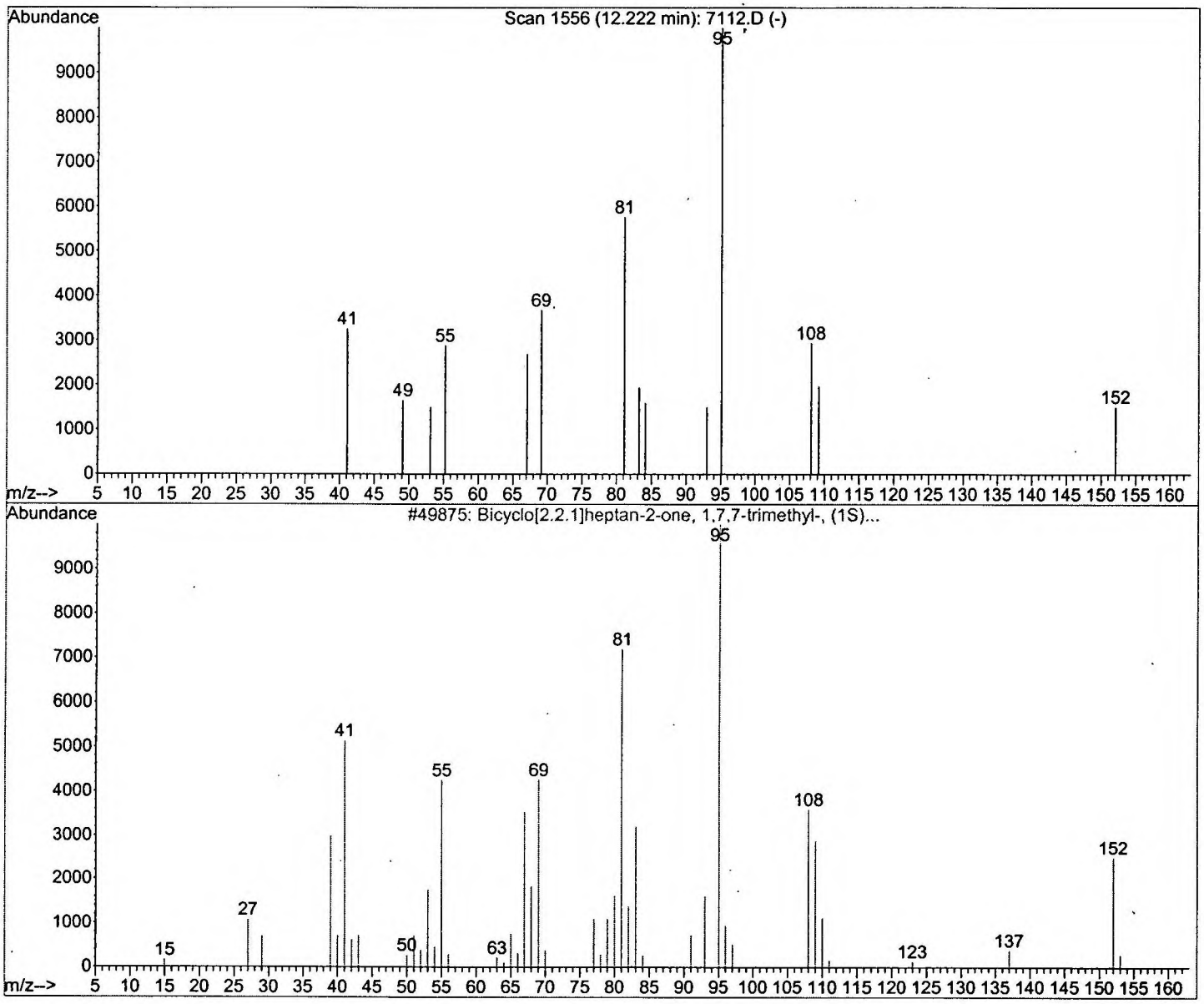
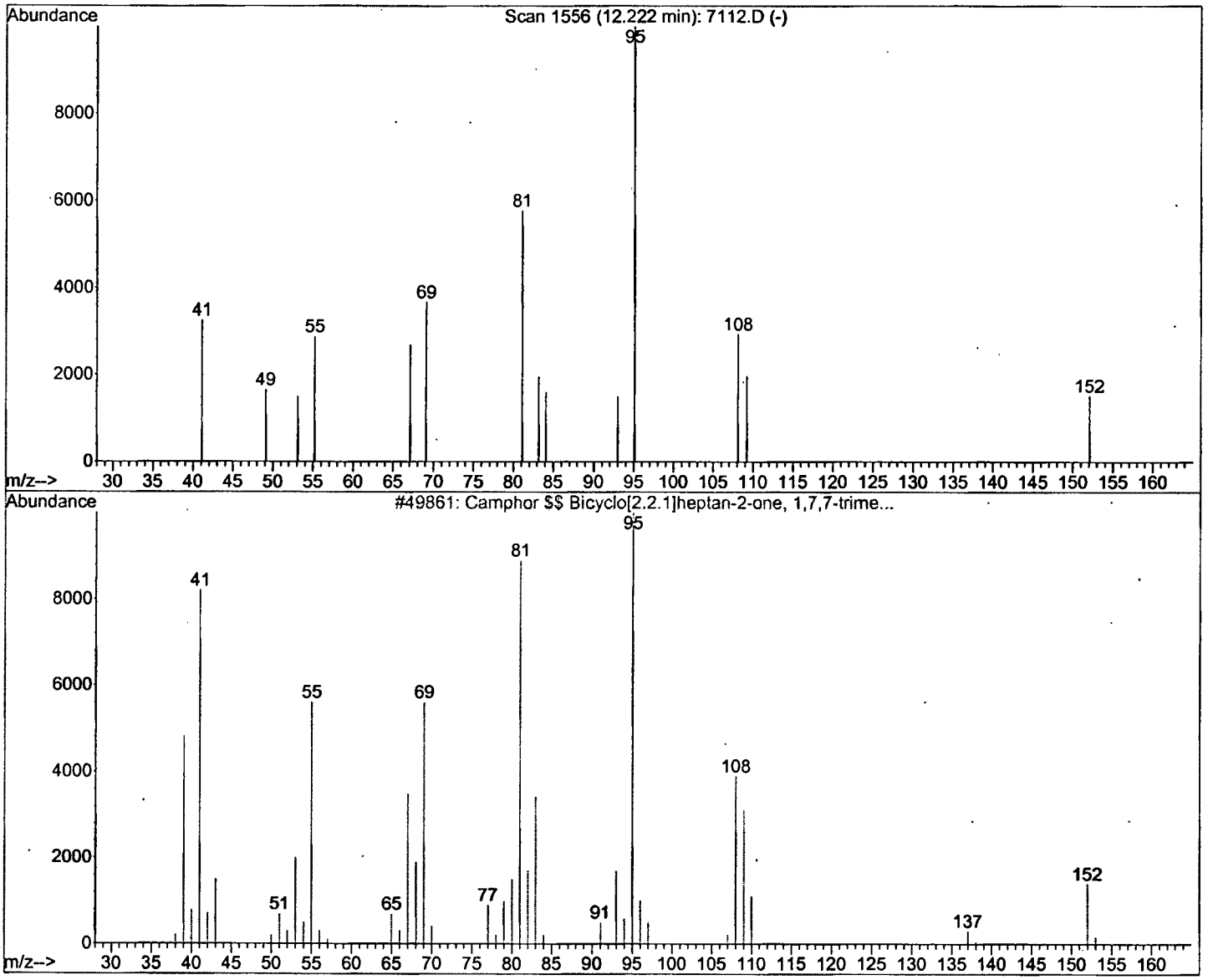


Library Searched : C:\database\wiley7n.l
Quality : 58
ID : Camphor $$ Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (CAS) $$ NORBORNAN-2-ONE $$ BORNAN-2-ONE $$ 2-Bornanone $$ 2-Camphanone $$ Root bark oil $$ Camphor--natural $$ Spirit of camphor $$ 1,7,7-Trimethylnorcamphor $$ 1,7,7-Trimethylbicyclo[2.2.1]-2-hepta



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Library Searched : C:\database\wiley7n.l
Quality          : 53
ID               : Camphor $$ Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl- (CAS) $$ NORBO
                   RNAN-2-ONE $$ BORNAN-2-ONE $$ 2-Bornanone $$ 2-Camphanone $$ Root bark
                    oil $$ Camphor--natural $$ Spirit of camphor $$ 1,7,7-Trimethylnorcam
                   phor $$ 1,7,7-Trimethylbicyclo[2.2.1]-2-hepta
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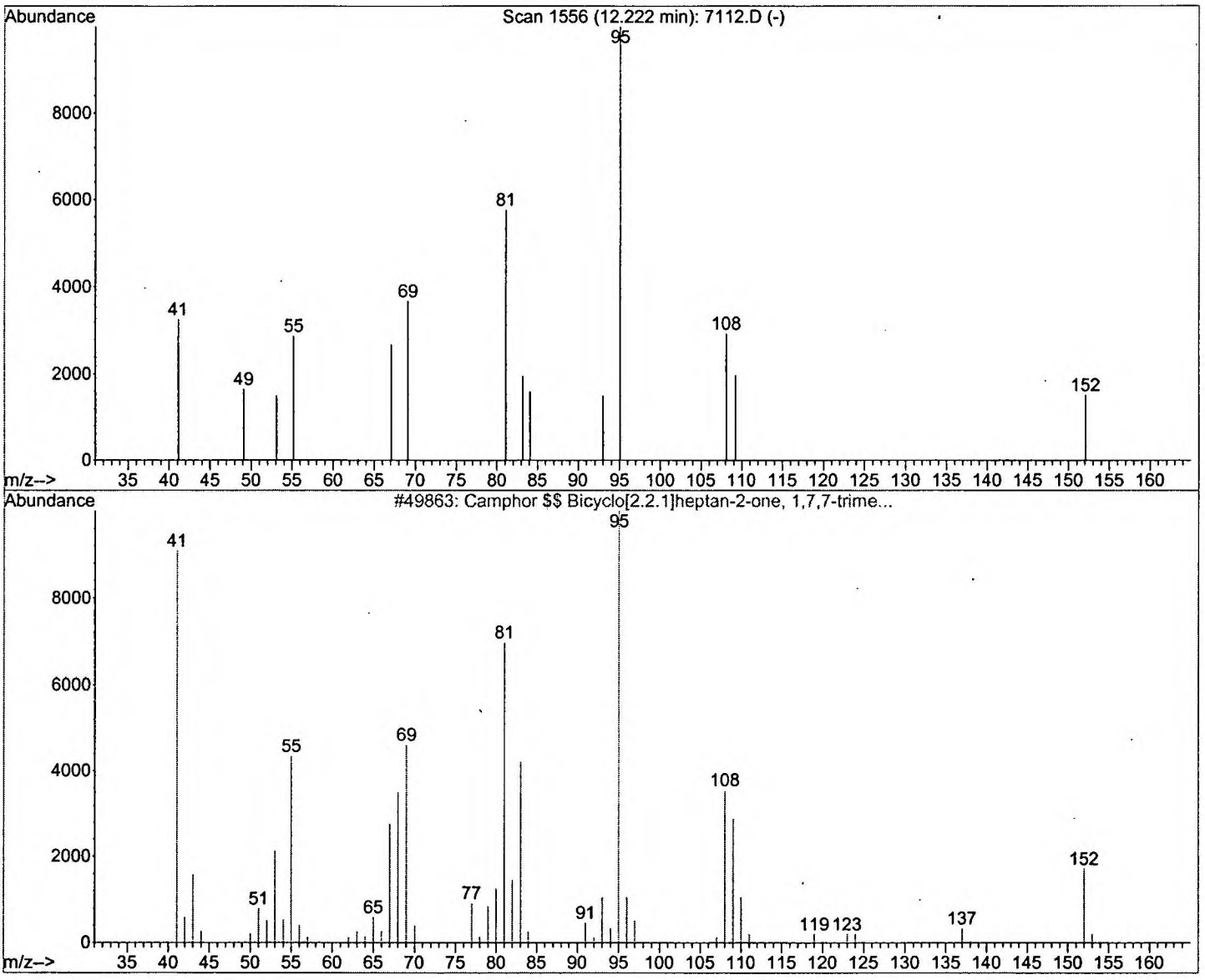
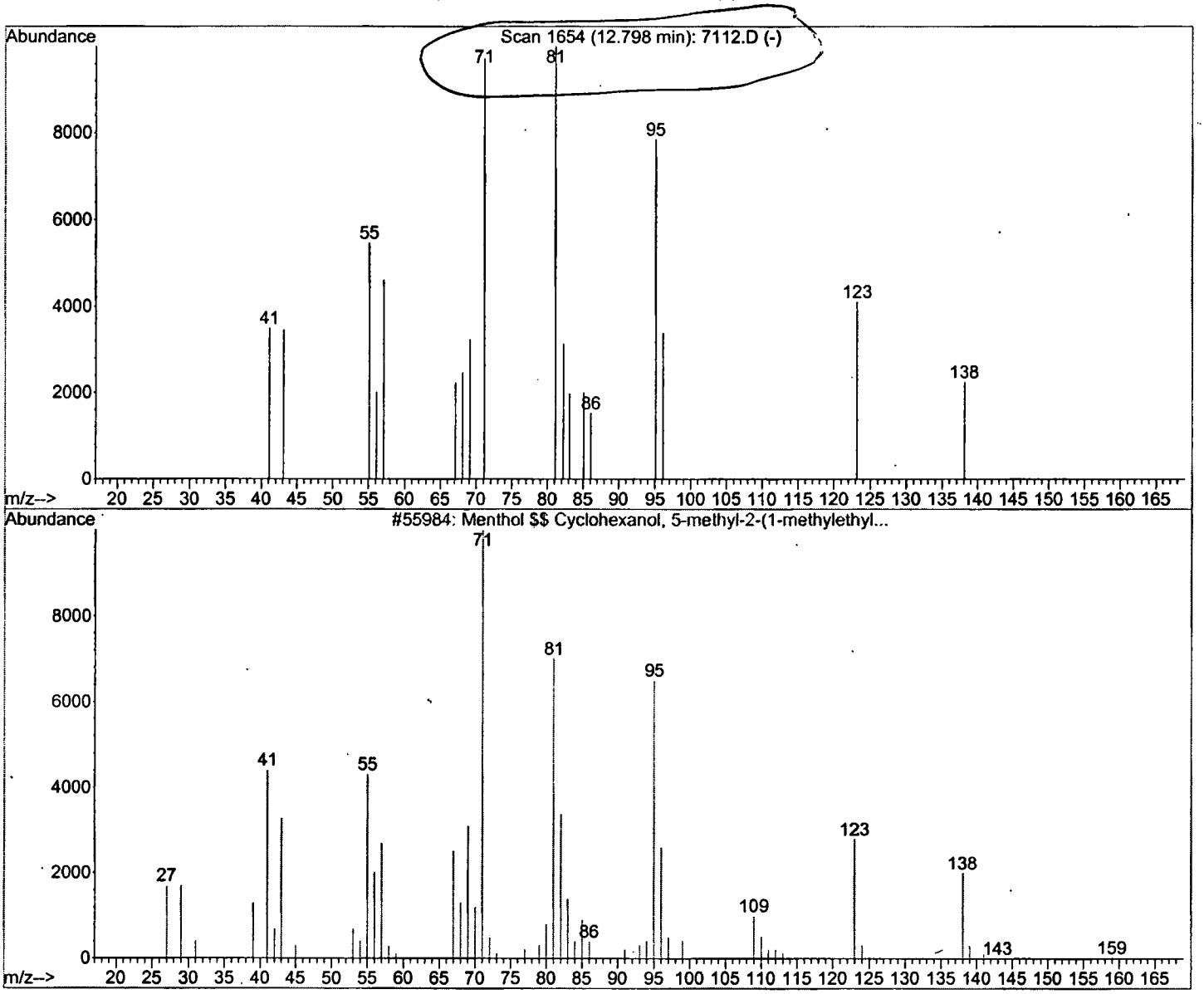
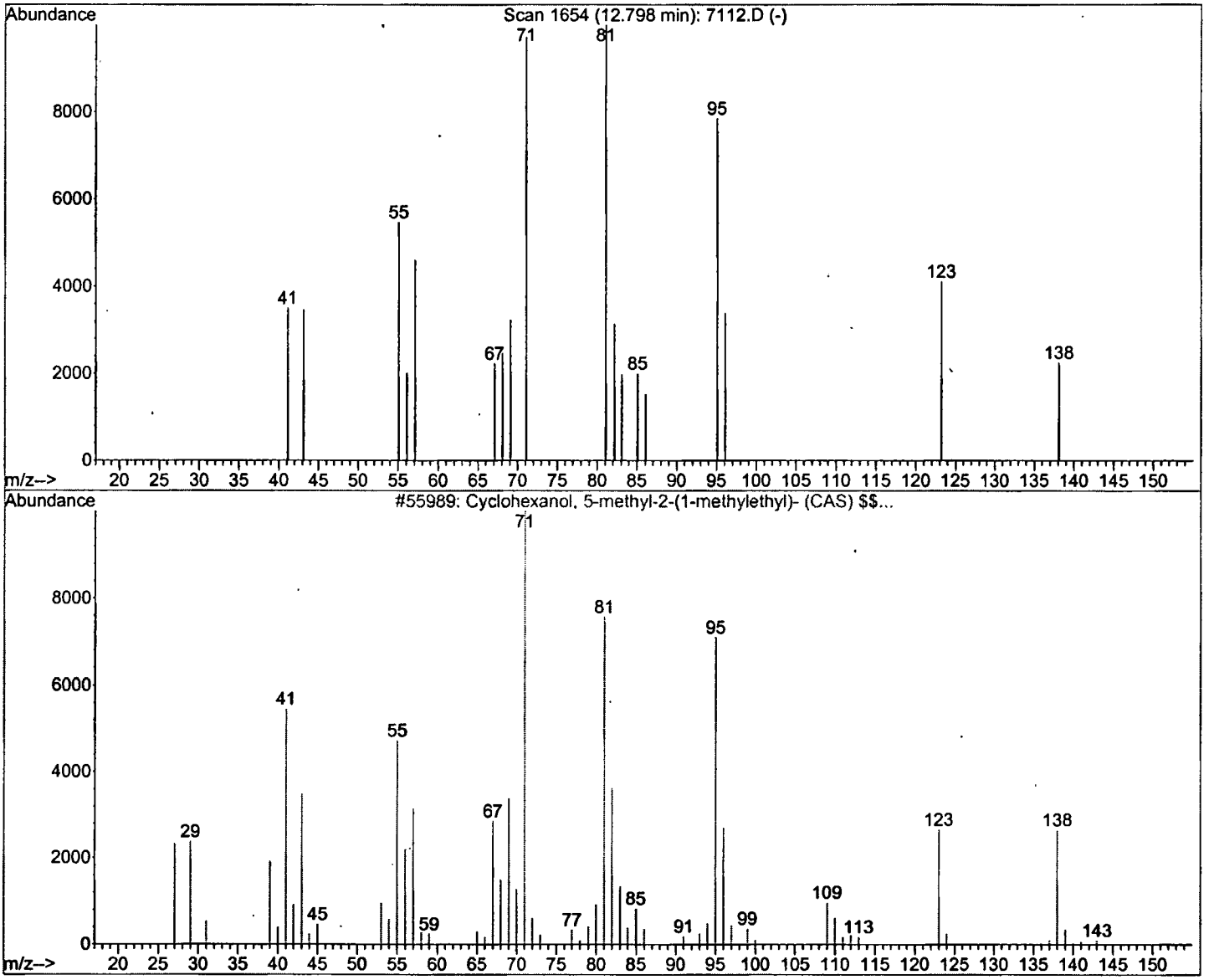


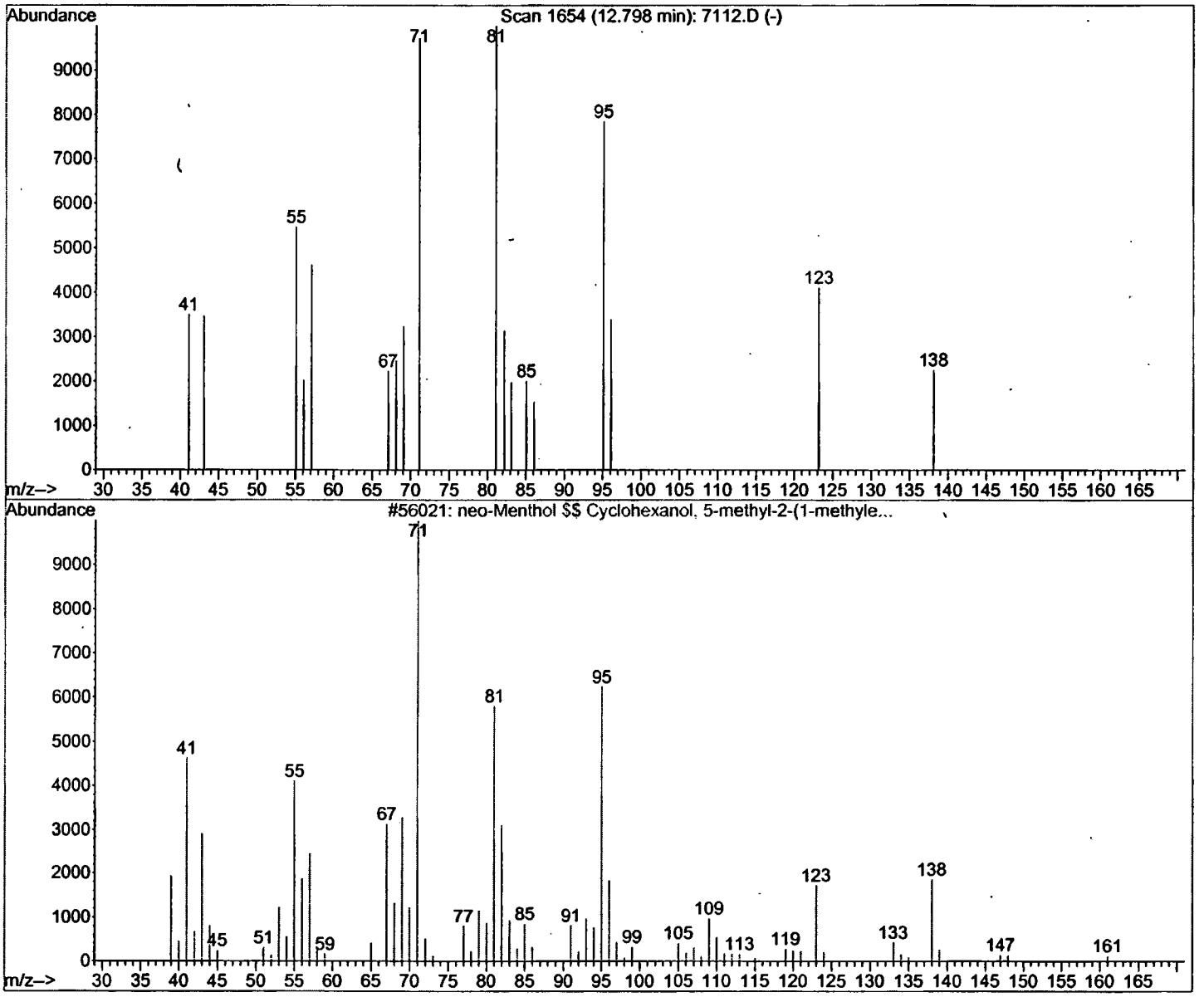
Library Searched : C:\database\wiley7n.l
Quality : 50
ID : Menthol $$ Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (CAS) $$ TRANS-2-ISOPROPYL-CIS-5-METHYL-1-CYCLOHEXANOL $$ Menthacamphor $$ Menthomenthol $$ Hexahydrothymol $$ Peppermint camphor $$ Menthol, cis-1,3,trans-1,4- $$ dl-Menth



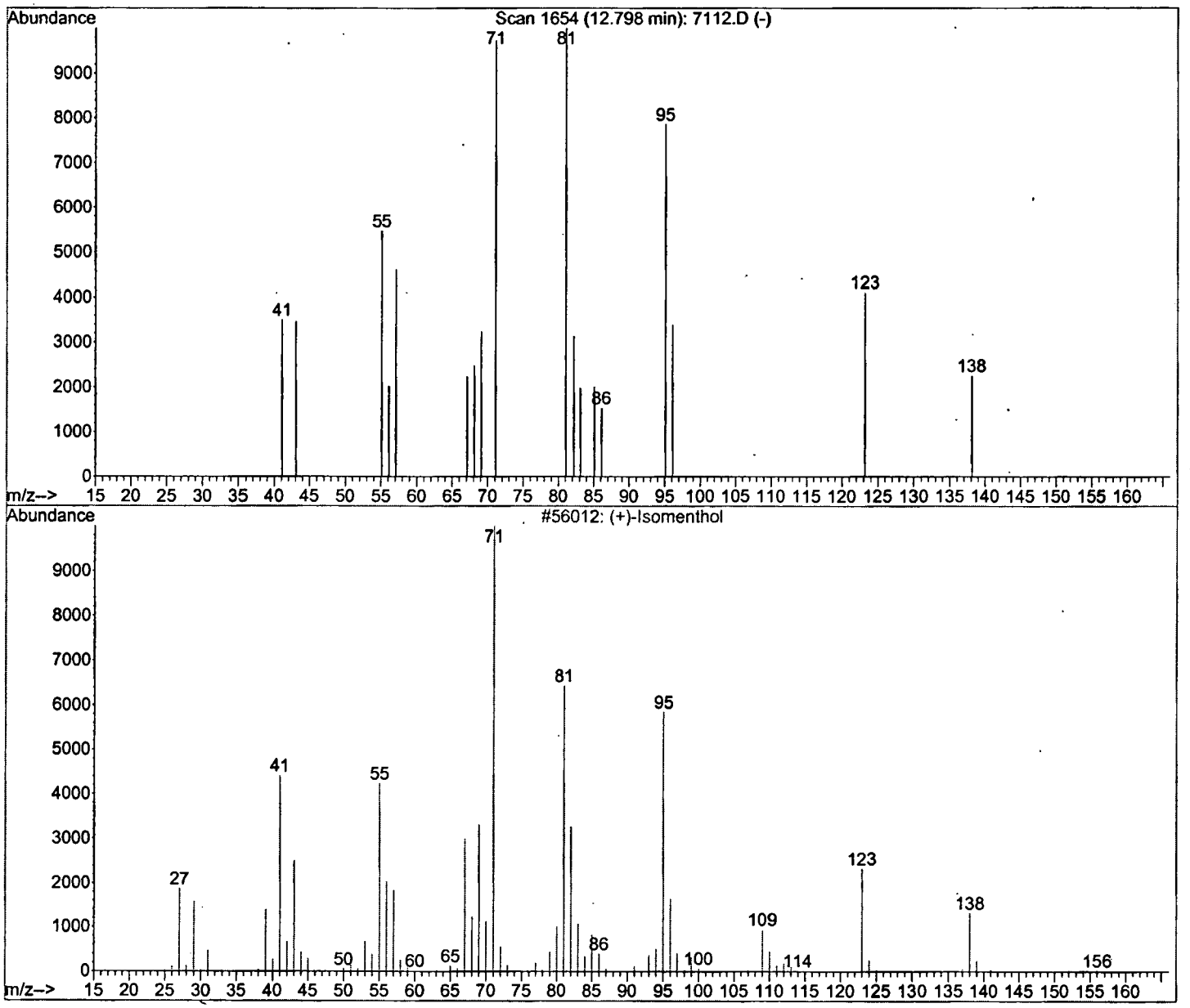
Library Searched : C:\database\wiley7n.l
Quality : 50
ID : Cyclohexanol, 5-methyl-2-(1-methylethyl)- (CAS) $$ 3-p-Menthanol $$ Menthol $$ p-Menthan-3-ol $$ Menthyl alcohol $$ 3-Hydroxy-p-menthane $$ 2-Isopropyl-5-methylcyclohexanol $$ DL-MENTHOL $$ 2-ISOPROPYL-5-METHYL-CYCLOHEXANOL $$ 5-Methyl-2-isopropylcyclohex



Library Searched : C:\database\wiley7n.l
Quality : 50
ID : neo-Menthol $$ Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.alpha.,5.beta.)- (CAS) $$ CIS-2-ISOPROPYL-TRANS-5-METHYL-1-CYCLOHEXANOL $$ Menthol, trans-1,3,trans-1,4- $$ Neomenthol



Library Searched : C:\database\wiley7n.l
Quality : 50
ID : (+)-Isomenthol



Library Searched : C:\database\wiley7n.l
Quality : 50
ID : d-ISOMENTHOL