Extended Raw Data

Level III

353

Project # E0I290371

Analysis: 8760u

BOE-C6-0158770

8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 9-27-2000

INSTRUMENT ID: MC

SAMPLES: EOI 290371

Batch ID: _ _____

GC/MS VO.. Run Log

FJK 10/14/00

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSC | EM Set: 1600 | Tune File: BFB U | Seq File: 9/27/BC

Init . Cal ID: 8260BC - 9-27-2000 | Date: 9/27/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
17:14	MD	CT 1181	50 ng 13/93									
17:29		CS2009	.5 ppb 826013	1	L	1µ 25mL	1.0	226	✓			MSVOA1198-1
17:59		CS2010	1 ppb 826013	2				243	✓			S1233-1; S1233-2; SD21234-1
18:29		CS2011	5 ppb 826013	3				240	✓			
18:58		CS2012	10 ppb 826013	4				238	✓			
19:28		CS2013	50 ppb 826013	5				229	✓			
19:58		CS2014	100 ppb 826013	6				219	✓			
20:28		C09259	MB092713C	7				242	✓			
20:57		C09259	SECOND SOURCE	1				245	✓			
21:27		60	MB092713C	7				234	✓			MSVOA1235-2
22:06		61	DL3HP101	7				227	✓		✓	EO I 260285-41
22:36		62	DKTG5101	8				120	N	✓		EOI 210307-18
23:05		63	DKXAA101	9				184	✓			EOI 220345-7
		64	DL1KH101	10								EOI 250215-4
		65	DL1KL101	11								-12
		66	DKTG5101	12								EOI 210307-18
		67	DL3KU101	13								EOI 260291-5
		68	DL3KK101	14								-15
				15								
				16								
				1								
				2								
				3								

G:\FORMS\Run Log\MSV Runlog.DOC

9-29-00

Version 01/04/99

BOE-C6-0158772

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 27-SEP-2000 17:29
End Cal Date : 27-SEP-2000 19:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.M
Cal Date : 05-Oct-2000 07:36 donga
Curve Type : Average

On 9/27/00 a six pt calibration curve was performed. The sixth pt was a 0.5ppb std and was run to report certain analytes at 0.5ppb. At the time the report was generated, the 0.5 std was not included for Vinyl Chloride. On 10/5/00 the 0.5 std was inserted into the Calibration report for Vinyl Chloride. There was no Vinyl Chloride detected in any samples analyzed up to 10/5/00. Therefore no data needed to be re-generated.
FJK 10/5/00

Calibration File Names:
Level 1: \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D\CS2010.D
Level 2: \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D\CS2011.D
Level 3: \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D\CS2012.D
Level 4: \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D\CS2013.D
Level 5: \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D
Level 6: \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D\CS2009.D

	Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD	
	1 Dichlorodifluoromethane	0.37656	0.37081	0.35622	0.35733	0.35065	++++++	0.36231	3.003	
	2 Chloromethane (**)	0.23200	0.19575	0.18625	0.19623	0.20914	++++++	0.20387	8.685	
	3 Vinyl chloride (*)	++++++	0.23834	0.23025	0.22858	0.23214	0.29843	0.24555	12.132	
	4 Bromomethane	0.15179	0.18389	0.19726	0.20046	0.18176	++++++	0.18303	10.524	
	5 Chloroethane	0.19236	0.15946	0.14640	0.13193	0.09952	++++++	0.14594	23.459	
	6 Trichlorofluoromethane	0.55718	0.55335	0.53509	0.53001	0.51072	++++++	0.53727	3.504	
	7 Acrolein	0.01979	0.01973	0.01901	0.01860	0.01872	++++++	0.01917	2.920	
	8 1,1-Dichloroethene(*)	0.29078	0.28858	0.27186	0.25900	0.24997	++++++	0.27204	6.581	
	9 1,1,2-Trichlorotrifluoroethan	0.43429	0.43470	0.41767	0.39458	0.37414	++++++	0.41107	6.410	
	10 Iodomethane	0.32191	0.45095	0.47020	0.45694	0.43555	++++++	0.42711	14.074	
	11 Acetone	0.02233	0.02009	0.01784	0.01395	0.01241	++++++	0.01732	23.906	
	12 Carbon disulfide	0.81341	0.86467	0.84330	0.86832	0.86226	++++++	0.85039	2.684	
	13 Methylene chloride	0.23366	0.22947	0.21823	0.21268	0.20813	++++++	0.22043	4.933	
	14 Acrylonitrile	0.00297	0.00311	0.00320	0.00256	0.00259	++++++	0.00289	10.136	<-
	15 t-Butanol	0.00425	0.00409	0.00254	0.00397	0.00434	++++++	0.00384	19.279	<-
	16 Vinyl acetate	0.27197	0.27487	0.27078	0.28605	0.29069	++++++	0.27887	3.209	
	17 trans-1,2-Dichloroethene	0.32161	0.31317	0.30185	0.29774	0.29587	++++++	0.30605	3.591	
	18 Methyl-tert-butyl ether[MTBE]	0.25689	0.25640	0.23897	0.23245	0.22187	++++++	0.24132	6.327	
	19 1,1-Dichloroethane (**)	0.45004	0.46516	0.44857	0.45059	0.45543	++++++	0.45396	1.492	
	20 Isopropyl ether	0.72193	0.70011	0.65690	0.64849	0.64971	++++++	0.67543	4.967	
	21 Tert-butyl ethyl ether	0.48618	0.49262	0.46864	0.46751	0.45934	++++++	0.47486	2.935	
M	22 1,2-Dichloroethene (total)	0.30420	0.30612	0.29026	0.28948	0.29098	++++++	0.29621	2.774	
	23 2,2-Dichloropropane	0.06406	0.11904	0.12518	0.23005	0.30486	++++++	0.16864	57.503	<-
	24 cis-1,2-Dichloroethene	0.28679	0.29908	0.27867	0.28123	0.28608	++++++	0.28637	2.746	
	25 2-Butanone	0.02027	0.02076	0.02006	0.02047	0.02069	++++++	0.02045	1.417	

10-5-00
FJK 10/5/00

000056

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 27-SEP-2000 17:29
End Cal Date : 27-SEP-2000 19:58
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.M
Cal Date : 05-Oct-2000 07:36 donga
Curve Type : Average

	Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD	
	26 Bromochloromethane	0.13814	0.13196	0.12900	0.11570	0.11460	+++++	0.12588	8.218	
	27 Tetrahydrofuran	0.00414	0.01366	0.01393	0.01367	0.01267	+++++	0.01161	36.206	<-
	28 Chloroform (*)	0.59585	0.51330	0.56131	0.55218	0.54172	+++++	0.55287	5.433	
	30 1,1,1-Trichloroethane	0.47547	0.50719	0.50582	0.50185	0.47377	+++++	0.49282	3.397	
	31 Carbon Tetrachloride	+++++	0.46421	0.46671	0.47920	0.45159	0.39809	0.45196	7.007	
	32 1,1-Dichloropropene	0.49047	0.49154	0.46866	0.44750	0.42460	+++++	0.46455	6.186	
	34 1,2-Dichloroethane-d4 2nd	0.05094	0.05100	0.04872	0.04045	0.04032	+++++	0.04628	11.808	
	35 Benzene	0.82044	0.79410	0.76422	0.72404	0.70098	+++++	0.76076	6.442	
	36 1,2-Dichloroethane	+++++	0.22057	0.21154	0.20059	0.18474	0.24108	0.21170	10.000	
	37 Tert-amyl methyl ether	0.35914	0.36745	0.35190	0.35030	0.33940	+++++	0.35364	2.959	
	39 Trichloroethene	0.44887	0.43971	0.42626	0.41400	0.40456	+++++	0.42668	4.245	
	40 1,2-Dichloropropane(*)	0.28172	0.27714	0.26445	0.25711	0.25860	+++++	0.26780	4.137	
	41 Dibromomethane	0.15834	0.16885	0.16247	0.14972	0.13700	+++++	0.15528	7.953	
	42 Bromodichloromethane	0.36708	0.41866	0.41580	0.42804	0.41549	+++++	0.40901	5.864	
	43 2-Chloroethylvinyl ether	+++++	0.00199	0.00431	0.00587	0.00656	+++++	0.00468	43.264	<-
	44 1-Bromo-2-chloroethane	0.29189	0.30110	0.29006	0.29686	0.29851	+++++	0.29568	1.557	
	45 cis-1,3-Dichloropropene	+++++	0.27825	0.28193	0.30605	0.30882	0.21240	0.27749	14.020	
	46 4-Methyl-2-pentanone	0.06612	0.07049	0.06739	0.06614	0.06519	+++++	0.06707	3.086	
	48 Toluene (*)	1.38269	1.35787	1.30671	1.25873	1.21629	+++++	1.30446	5.262	
	49 trans-1,3-Dichloropropene	+++++	0.21464	0.22479	0.26333	0.27543	0.11937	0.21951	28.015	
	50 1,1,2-Trichloroethane	0.21343	0.22240	0.22044	0.21160	0.20285	+++++	0.21415	3.633	
	51 Tetrachloroethene	0.65527	0.64145	0.61776	0.58973	0.55392	+++++	0.61163	6.662	
	52 1,3-Dichloropropane	0.36393	0.37424	0.34386	0.32856	0.30573	+++++	0.34326	7.994	
	53 2-Hexanone	0.05470	0.06189	0.06081	0.06101	0.06001	+++++	0.05969	4.803	
	54 Dibromochloromethane	0.33054	0.40283	0.39844	0.42958	0.41874	+++++	0.39603	9.765	
	55 1,2-Dibromoethane	0.25944	0.29240	0.28657	0.28738	0.27784	+++++	0.28073	4.632	
	57 Chlorobenzene (**)	1.00078	1.01347	0.97094	0.94678	0.93005	+++++	0.97241	3.616	
	58 1,1,1,2-Tetrachloroethane	0.40487	0.45088	0.43714	0.43406	0.41315	+++++	0.42802	4.370	
	59 Ethylbenzene (*)	0.48741	0.49342	0.48390	0.45384	0.43754	+++++	0.47122	5.146	
	60 m,p-Xylenes	0.63106	0.63217	0.60096	0.54806	0.50949	+++++	0.58435	9.242	
M	61 Xylenes (total)	0.60675	0.61338	0.58533	0.53701	0.50405	+++++	0.56930	8.286	
	62 o-Xylene	0.55813	0.57578	0.55408	0.51490	0.49319	+++++	0.53922	6.306	
	63 Styrene	0.77005	0.82128	0.82158	0.78816	0.72008	+++++	0.78423	5.372	

STL Los Angeles

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Method file : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.M
Cal Date : 05-Oct-2000 07:36 donga
Curve Type : Average

Compound	1.000 Level 1	5.000 Level 2	10.000 Level 3	50.000 Level 4	100.000 Level 5	0.50000 Level 6	RRF	% RSD
64 Bromoform (**)	0.15342	0.21077	0.22911	0.25494	0.24771	+++++	0.21919	18.512
65 Isopropylbenzene	1.86009	1.86570	1.81054	1.69857	1.62390	+++++	1.77176	6.010
67 4-Bromofluorobenzene-2nd	0.66460	0.58233	0.58801	0.48650	0.47104	+++++	0.55850	14.305
68 Bromobenzene	0.83217	0.85293	0.83182	0.87126	0.93050	+++++	0.86374	4.719
69 1,1,2,2-Tetrachloroethane(**)	0.43990	0.46474	0.45311	0.46912	0.49023	+++++	0.46342	4.055
70 1,2,3-Trichloropropane	0.08614	0.10766	0.10471	0.10883	0.11345	+++++	0.10416	10.131
71 n-Propylbenzene	3.44981	3.71568	3.43998	3.75908	3.86930	+++++	3.64677	5.282
72 2-Chlorotoluene	0.79467	0.75249	0.71486	0.72718	0.75735	+++++	0.74931	4.118
73 4-Chlorotoluene	0.76449	0.75254	0.71150	0.72055	0.72997	+++++	0.73581	3.009
74 1,3,5-Trimethylbenzene	2.50216	2.52638	2.40700	2.34732	2.39947	+++++	2.43647	3.084
75 tert-Butylbenzene	2.71781	2.70802	2.60525	2.65777	2.80545	+++++	2.69886	2.764
76 1,2,4-Trimethylbenzene	2.40310	2.43675	2.33102	2.33061	2.42907	+++++	2.38611	2.179
77 sec-Butylbenzene	3.90592	3.78098	3.64935	3.62652	3.87017	+++++	3.76659	3.351
78 1,3-Dichlorobenzene	1.54543	1.52978	1.48468	1.53301	1.60356	+++++	1.53929	2.772
80 p-Isopropyltoluene	3.06050	3.00853	2.88788	2.83851	2.80500	+++++	2.92008	3.770
81 1,4-Dichlorobenzene	1.74678	1.60906	1.51459	1.46097	1.43016	+++++	1.55231	8.258
82 1,2-Dichlorobenzene	1.27636	1.25078	1.22315	1.23330	1.29005	+++++	1.25473	2.250
83 n-Butylbenzene	3.03766	3.07286	2.98369	2.99902	3.06196	+++++	3.03104	1.279
84 1,2-Dibromo-3-chloropropane	0.05456	0.07931	0.08588	0.10631	0.12038	+++++	0.08929	28.411
85 1,2,4-Trichlorobenzene	1.04141	1.11725	1.09914	1.21256	1.29863	+++++	1.15380	8.816
86 Hexachlorobutadiene	1.34363	1.36480	1.34102	1.35391	1.39781	+++++	1.36023	1.692
87 Napthalene	0.74284	0.78316	0.80984	0.82028	0.80279	+++++	0.79178	3.856
88 1,2,3-Trichlorobenzene	0.85436	0.85600	0.83820	0.88337	0.90741	+++++	0.86787	3.159
$ 29 Dibromofluoromethane	0.57528	0.50133	0.50894	0.40879	0.39780	+++++	0.47843	15.567
$ 33 1,2-Dichloroethane-d4	0.22816	0.19717	0.19583	0.16100	0.15815	+++++	0.18806	15.453
$ 47 Toluene-d8	1.34333	1.18740	1.19859	0.99202	1.02087	+++++	1.14844	12.524
$ 66 4-Bromofluorobenzene	0.78348	0.69252	0.68920	0.57170	0.56111	+++++	0.65960	14.127

Data File: \\SANP2010\D\chem\mc.i\0927BC.B/CS2014.D
Report Date: 10/05/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2014.D
Analysis Type: WATER

Injection Date: 27-SEP-2000 19:58
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL

COMPOUND	%RSD
Dichlorodifluoromethane	3.0
Chloromethane (**)	8.7
Vinyl chloride (*)	12.1
Bromomethane	10.5
Chloroethane	23.5
Trichlorofluoromethane	3.5
1,1-Dichloroethene(*)	6.6
1,1,2-Trichlorotrifluoroethan	6.4
Acetone	23.9
Iodomethane	14.1
Carbon disulfide	2.7
Methylene chloride	4.9
t-Butanol	19.3
trans-1,2-Dichloroethene	3.6
Methyl-tert-butyl ether[MTBE]	6.3
Acrolein	2.9
1,1-Dichloroethane (**)	1.5
Vinyl acetate	3.2
Isopropyl ether	5.0
1,2-Dichloroethene (total)	2.8
Tert-butyl ethyl ether	2.9
2,2-Dichloropropane	57.5
cis-1,2-Dichloroethene	2.7
2-Butanone	1.4
Bromochloromethane	8.2
Tetrahydrofuran	36.2
Chloroform (*)	5.4
Dibromofluoromethane	15.6
1,1,1-Trichloroethane	3.4
1,1-Dichloropropene	6.2
Carbon Tetrachloride	7.0
1,2-Dichloroethane-d4	15.5
Acrylonitrile	10.1
1,2-Dichloroethane-d4 2nd	11.8
Benzene	6.4
1,2-Dichloroethane	10.0
Tert-amyl methyl ether	3.0
Trichloroethene	4.2
1,2-Dichloropropane(*)	4.1

Data File: \\SANP2010\D\chem\mc.i\0927BC.B/CS2014.D
Report Date: 10/05/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2014.D
Analysis Type: WATER

Injection Date: 27-SEP-2000 19:58
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\0927BC.B\

COMPOUND	%RSD
Dibromomethane	8.0
Bromodichloromethane	5.9
1-Bromo-2-chloroethane	1.6
2-Chloroethylvinyl ether	43.3
cis-1,3-Dichloropropene	14.0
4-Methyl-2-pentanone	3.1
Toluene-d8	12.5
Toluene (*)	5.3
trans-1,3-Dichloropropene	28.0
1,1,2-Trichloroethane	3.6
Tetrachloroethene	6.7
1,3-Dichloropropane	8.0
2-Hexanone	4.8
Dibromochloromethane	9.8
1,2-Dibromoethane	4.6
Chlorobenzene (**)	3.6
1,1,1,2-Tetrachloroethane	4.4
Ethylbenzene (*)	5.1
Xylenes (total)	8.3
m,p-Xylenes	9.2
o-Xylene	6.3
Styrene	5.4
Bromoform (**)	18.5
Isopropylbenzene	6.0
4-Bromofluorobenzene-2nd	14.3
4-Bromofluorobenzene	14.1
Bromobenzene	4.7
1,1,2,2-Tetrachloroethane(**)	4.1
1,2,3-Trichloropropane	10.1
n-Propylbenzene	5.3
2-Chlorotoluene	4.1
4-Chlorotoluene	3.0
1,3,5-Trimethylbenzene	3.1
tert-Butylbenzene	2.8
1,2,4-Trimethylbenzene	2.2
sec-Butylbenzene	3.4
1,3-Dichlorobenzene	2.8
p-Isopropyltoluene	3.8
1,4-Dichlorobenzene	8.3

Data File: \\SANP2010\D\chem\mc.i\0927BC.B/CS2014.D
Report Date: 10/05/2000

INITIAL CALIBRATION REPORT

Instrument ID: mc.i
Lab File ID: CS2014.D
Analysis Type: WATER

Injection Date: 27-SEP-2000 19:58
Lab Sample ID: 100PPB 8260BSTD
Method File: \\SANP2010\D\chem\mc.i\0927BC.B\

COMPOUND	%RSD
1,2-Dichlorobenzene	2.2
n-Butylbenzene	1.3
1,2-Dibromo-3-chloropropane	28.4
1,2,4-Trichlorobenzene	8.8
Hexachlorobutadiene	1.7
Napthalene	3.9
1,2,3-Trichlorobenzene	3.2

The average of all %RSD's in the initial calibration is 8.7

10-5-00

STL Los Angeles

Data file : \\SANP2010\D\CHEM\MC.I\0927BC.B\CT1181.D
Lab Smp Id:
Inj Date : 27-SEP-2000 17:14
Operator : AD Inst ID: mc.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : 1UL;MSVOA1134-2,,,,3,ALL.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\0927BC.B\BFB.M
Meth Date : 23-May-2000 08:08 kentf Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 p-Bromofluorobenzene						CAS #: 460-00-4		
2.1457	2.1000	(0.000)	95	90730			0.00- 100.00	100.00
2.1457	2.1000	(0.000)	50	18042			15.00- 40.00	19.89
2.1457	2.1000	(0.000)	75	44066			30.00- 60.00	48.57
2.1457	2.1000	(0.000)	96	6664			5.00- 9.00	7.34
2.1457	2.1000	(0.000)	173	221			0.00- 2.00	0.29
2.1457	2.1000	(0.000)	174	76144			50.00- 0.00	83.92
2.1457	2.1000	(0.000)	175	5904			5.00- 9.00	7.75
2.1457	2.1000	(0.000)	176	73405			95.00- 101.00	96.40
2.1457	2.1000	(0.000)	177	5519			5.00- 9.00	7.52

MD 9/27/2000
9-29-00

Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\CT1181.D

Date : 27-SEP-2000 17:14

Client ID:

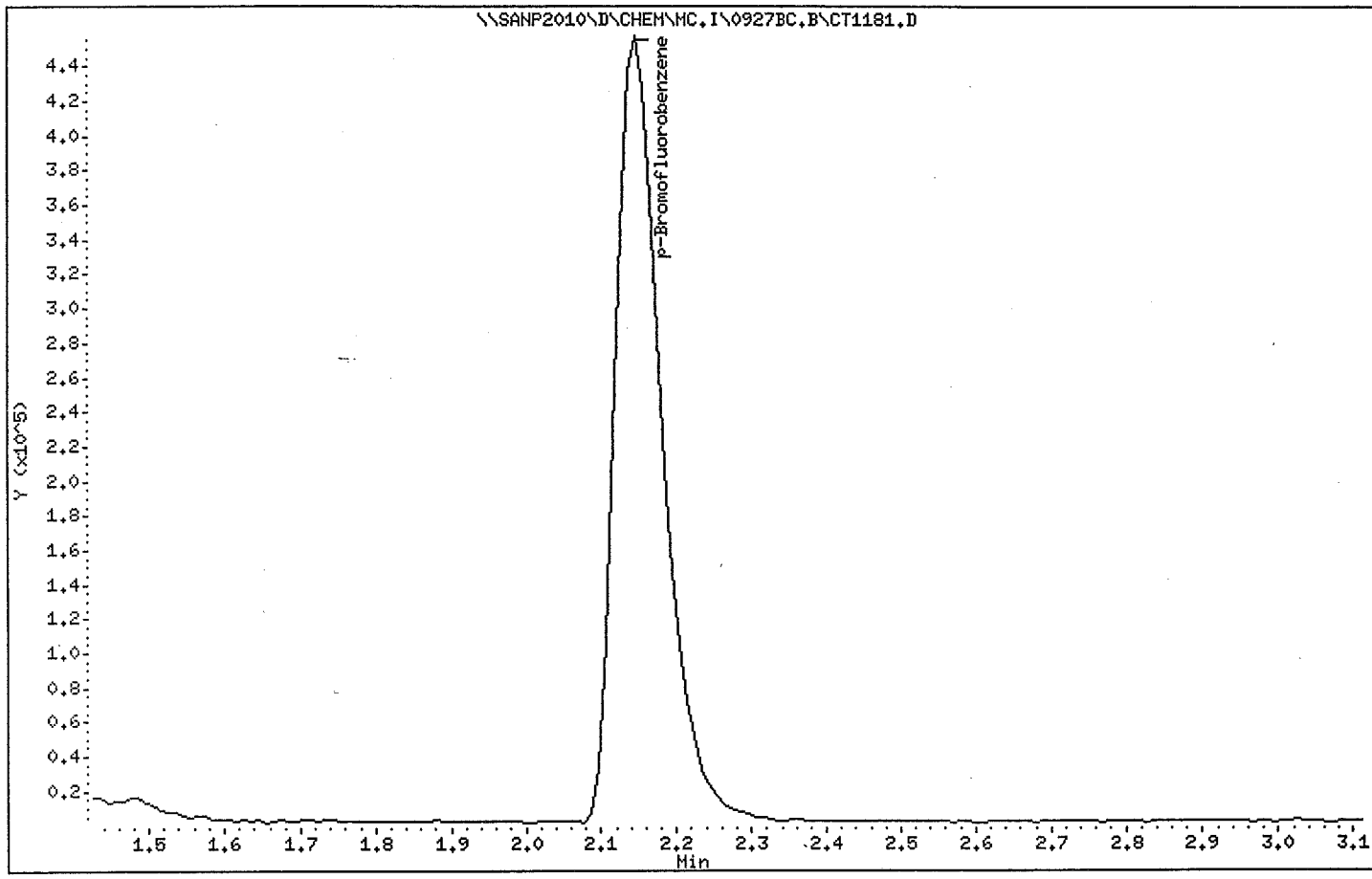
Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\CT1181.D

Date : 27-SEP-2000 17:14

Client ID:

Instrument: mc.i

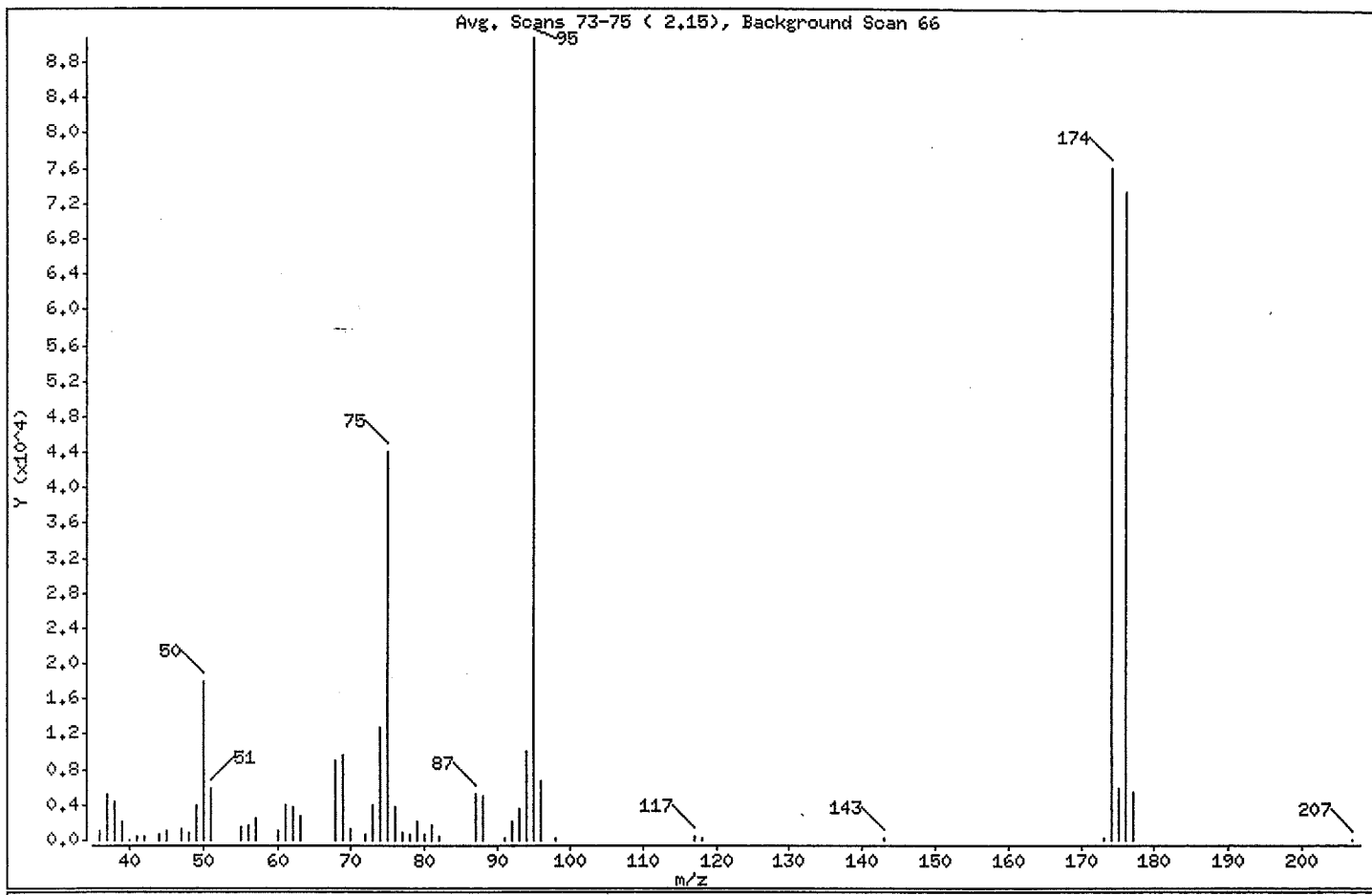
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 p-Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.89
75	30.00 - 60.00% of mass 95	48.57
96	5.00 - 9.00% of mass 95	7.34
173	Less than 2.00% of mass 174	0.24 (0.29)
174	Greater than 50.00% of mass 95	83.92
175	5.00 - 9.00% of mass 174	6.51 (7.75)
176	95.00 - 101.00% of mass 174	80.90 (96.40)
177	5.00 - 9.00% of mass 176	6.08 (7.52)

Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\CT1181.D

Date : 27-SEP-2000 17:14

Client ID:

Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: CT1181.D
Spectrum: Avg. Scans 73-75 (2.15), Background Scan 66
Location of Maximum: 95.00
Number of points: 53

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1147	55.00	1412	76.00	3746	96.00	6664
37.00	5131	56.00	1604	77.00	772	98.00	216
38.00	4312	57.00	2483	78.00	648	117.00	393
39.00	1989	60.00	1052	79.00	2034	118.00	199
40.00	23	61.00	3944	80.00	649	143.00	196
41.00	355	62.00	3800	81.00	1717	173.00	221
42.00	510	63.00	2787	82.00	374	174.00	76144
44.00	675	68.00	8922	87.00	5135	175.00	5904
45.00	1125	69.00	9512	88.00	4905	176.00	73400
47.00	1204	70.00	1230	91.00	190	177.00	5519
48.00	821	72.00	660	92.00	1984	207.00	46
49.00	4005	73.00	3956	93.00	3548		
50.00	18040	74.00	12757	94.00	9968		
51.00	5751	75.00	44064	95.00	90728		

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2009.D
Lab Smp Id: 0.5PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 27-SEP-2000
Calibration Time: 18:58

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2369424	1184712	4738848	2268843	-4.24
56 Chlorobenzene-d5	1684151	842076	3368302	1630368	-3.19
79 1,4-Dichlorobenze	999314	499657	1998628	902296	-9.71

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.02	0.18
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.03
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.13	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2010.D
Lab Smp Id: 1PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 27-SEP-2000
Calibration Time: 18:58

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2369424	1184712	4738848	2439054	2.94
56 Chlorobenzene-d5	1684151	842076	3368302	1712388	1.68
79 1,4-Dichlorobenze	999314	499657	1998628	1003723	0.44

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.02	0.16
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.02
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.13	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2011.D
Lab Smp Id: 5PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 27-SEP-2000
Calibration Time: 18:58

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2369424	1184712	4738848	2401851	1.37
56 Chlorobenzene-d5	1684151	842076	3368302	1711483	1.62
79 1,4-Dichlorobenze	999314	499657	1998628	1019780	2.05

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.01	-0.02
56 Chlorobenzene-d5	13.49	12.99	13.99	13.48	-0.08
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2012.D
Lab Smp Id: 10PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.M
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 27-SEP-2000
Calibration Time: 18:58

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2369424	1184712	4738848	2369424	0.00
56 Chlorobenzene-d5	1684151	842076	3368302	1684151	0.00
79 1,4-Dichlorobenze	999314	499657	1998628	999314	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.01	0.00
56 Chlorobenzene-d5	13.49	12.99	13.99	13.49	0.00
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.11	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2013.D
Lab Smp Id: 50PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 27-SEP-2000
Calibration Time: 18:58

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2369424	1184712	4738848	2298264	-3.00
56 Chlorobenzene-d5	1684151	842076	3368302	1601223	-4.92
79 1,4-Dichlorobenze	999314	499657	1998628	867322	-13.21

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.01	0.04
56 Chlorobenzene-d5	13.49	12.99	13.99	13.48	-0.05
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2014.D
Lab Smp Id: 100PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Misc Info: ,25,,,1,1-8260B.SUB

Calibration Date: 27-SEP-2000
Calibration Time: 20:57

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2455117	1227559	4910234	2190280	-10.79
56 Chlorobenzene-d5	1702952	851476	3405904	1508563	-11.41
79 1,4-Dichlorobenze	1010303	505152	2020606	720300	-28.70

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.02	0.13
56 Chlorobenzene-d5	13.48	12.98	13.98	13.49	0.07
79 1,4-Dichlorobenze	18.11	17.61	18.61	18.12	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\CS2009.D
Lab Smp Id: 0.5PPB 8260BSTD
Inj Date : 27-SEP-2000 17:29
Operator : AD Inst ID: mc.i
Smp Info : 0.5PPB 8260BSTD,,,6,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 21:19 ramirezr Quant Type: ISTD
Cal Date : 27-SEP-2000 17:29 Cal File: CS2009.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.865	1.865	(0.232)	44986	0.50000	0.547(a)
2 Chloromethane (**)	50	2.092	2.092	(0.261)	13452	0.50000	0.291(a)
3 Vinyl chloride (*)	62	2.161	2.161	(0.269)	33854	0.50000	0.632
4 Bromomethane	94	2.506	2.506	(0.312)	17546	0.50000	0.422(a)
5 Chloroethane	64	2.624	2.624	(0.327)	31073	0.50000	0.938(a)
6 Trichlorofluoromethane	101	2.900	2.900	(0.361)	67857	0.50000	0.557(a)
7 Acrolein	56	4.979	5.009	(0.620)	10816	0.50000	2.49(a)
8 1,1-Dichloroethene(*)	96	3.511	3.511	(0.438)	35122	0.50000	0.569(a)
9 1,1,2-Trichlorotrifluoroethan	151	3.511	3.511	(0.438)	51587	0.50000	0.553(a)
10 Iodomethane	142	3.678	3.678	(0.458)	62655	0.50000	0.646(a)
11 Acetone	43	3.570	3.570	(0.445)	15730	0.50000	4.00(a)
12 Carbon disulfide	76	3.797	3.797	(0.473)	87506	0.50000	0.454(a)
13 Methylene chloride	84	4.142	4.142	(0.516)	11089	0.50000	0.222(a)
14 Acrylonitrile	53	7.453	7.453	(0.929)	2705	0.50000	4.15(a)
16 Vinyl acetate	43	5.374	5.374	(0.670)	62924	0.50000	0.994(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	17 trans-1,2-Dichloroethene	96	4.565	4.565	(0.569)	37535	0.50000	0.540(a)
	18 Methyl-tert-butyl ether[MTBE]	73	4.595	4.595	(0.573)	30664	0.50000	0.560(a)
	19 1,1-Dichloroethane (**)	63	5.186	5.186	(0.646)	53109	0.50000	0.516(a)
	20 Isopropyl ether	45	5.374	5.374	(0.670)	86324	0.50000	0.563(a)
	21 Tert-butyl ethyl ether	59	5.945	5.945	(0.741)	59040	0.50000	0.548(a)
M	22 1,2-Dichloroethene (total)	100				74230	0.50000	1.10
	24 cis-1,2-Dichloroethene	96	6.123	6.123	(0.763)	36694	0.50000	0.565(a)
	25 2-Butanone	43	6.172	6.172	(0.769)	10491	0.50000	2.26(a)
	26 Bromochloromethane	128	6.497	6.497	(0.810)	14521	0.50000	0.508(a)
	28 Chloroform (*)	83	6.655	6.655	(0.829)	73071	0.50000	0.582
$	29 Dibromofluoromethane	111	6.911	6.911	(0.861)	51777	0.50000	0.477(a)
	30 1,1,1-Trichloroethane	97	6.921	6.921	(0.862)	54350	0.50000	0.486(a)
	31 Carbon Tetrachloride	117	7.197	7.197	(0.897)	45160	0.50000	0.440(a)
	32 1,1-Dichloropropene	75	7.217	7.217	(0.899)	58513	0.50000	0.555(a)
$	33 1,2-Dichloroethane-d4	65	7.434	7.434	(0.926)	24537	0.50000	0.575(a)
	34 1,2-Dichloroethane-d4 2nd	102	7.434	7.434	(0.926)	5589	0.50000	0.532(a)
	35 Benzene	78	7.542	7.542	(0.940)	98429	0.50000	0.570
	36 1,2-Dichloroethane	62	7.552	7.552	(0.941)	27349	0.50000	0.569(a)
	37 Tert-amyl methyl ether	73	7.808	7.808	(0.973)	42696	0.50000	0.532(a)
*	38 Fluorobenzene	96	8.025	8.025	(1.000)	2268843	10.0000	
	39 Trichloroethene	130	8.675	8.675	(1.081)	35605	0.50000	0.368(a)
	40 1,2-Dichloropropane(*)	63	9.030	9.030	(1.125)	33726	0.50000	0.555(a)
	41 Dibromomethane	93	9.227	9.227	(1.150)	17367	0.50000	0.493(a)
	42 Bromodichloromethane	83	9.533	9.533	(1.188)	41117	0.50000	0.443(a)
	44 1-Bromo-2-chloroethane	63	10.065	10.065	(1.254)	33308	0.50000	0.496(a)
	45 cis-1,3-Dichloropropene	75	10.361	10.361	(1.291)	24095	0.50000	0.383(a)
$	47 Toluene-d8	98	10.834	10.834	(0.803)	118597	0.50000	0.633(a)
	48 Toluene (*)	91	10.942	10.942	(0.811)	108268	0.50000	0.509(a)
	49 trans-1,3-Dichloropropene	75	11.366	11.366	(0.842)	9731	0.50000	0.272(a)
	50 1,1,2-Trichloroethane	97	11.691	11.691	(0.866)	17874	0.50000	0.512(a)
	51 Tetrachloroethene	164	11.967	11.967	(0.887)	54328	0.50000	0.545(a)
	52 1,3-Dichloropropane	76	12.007	12.007	(0.890)	27947	0.50000	0.499(a)
	53 2-Hexanone	43	12.214	12.214	(0.905)	14659	0.50000	1.51(a)
	54 Dibromochloromethane	129	12.391	12.391	(0.918)	24248	0.50000	0.376(a)
	55 1,2-Dibromoethane	107	12.598	12.598	(0.934)	19461	0.50000	0.425(a)
*	56 Chlorobenzene-d5	117	13.495	13.495	(1.000)	1630368	10.0000	
	57 Chlorobenzene (**)	112	13.544	13.544	(1.004)	85035	0.50000	0.536(a)
	58 1,1,1,2-Tetrachloroethane	131	13.731	13.731	(1.018)	32115	0.50000	0.460(a)
	59 Ethylbenzene (*)	106	13.790	13.790	(1.022)	40982	0.50000	0.533(a)
	60 m,p-Xylenes	106	14.037	14.037	(1.040)	103984	0.50000	1.09
M	61 Xylenes (total)	100				149632	0.50000	1.61
	62 o-Xylene	106	14.776	14.776	(1.095)	45647	0.50000	0.519(a)
	63 Styrene	104	14.815	14.815	(1.098)	59242	0.50000	0.463(a)
	64 Bromoform (**)	173	15.111	15.111	(1.120)	10922	0.50000	0.306(a)
	65 Isopropylbenzene	105	15.535	15.535	(1.151)	144868	0.50000	0.502(a)
$	66 4-Bromofluorobenzene	95	15.791	15.791	(1.170)	104849	0.50000	0.975(a)
	67 4-Bromofluorobenzene-2nd	174	15.801	15.801	(1.171)	85173	0.50000	0.935(a)

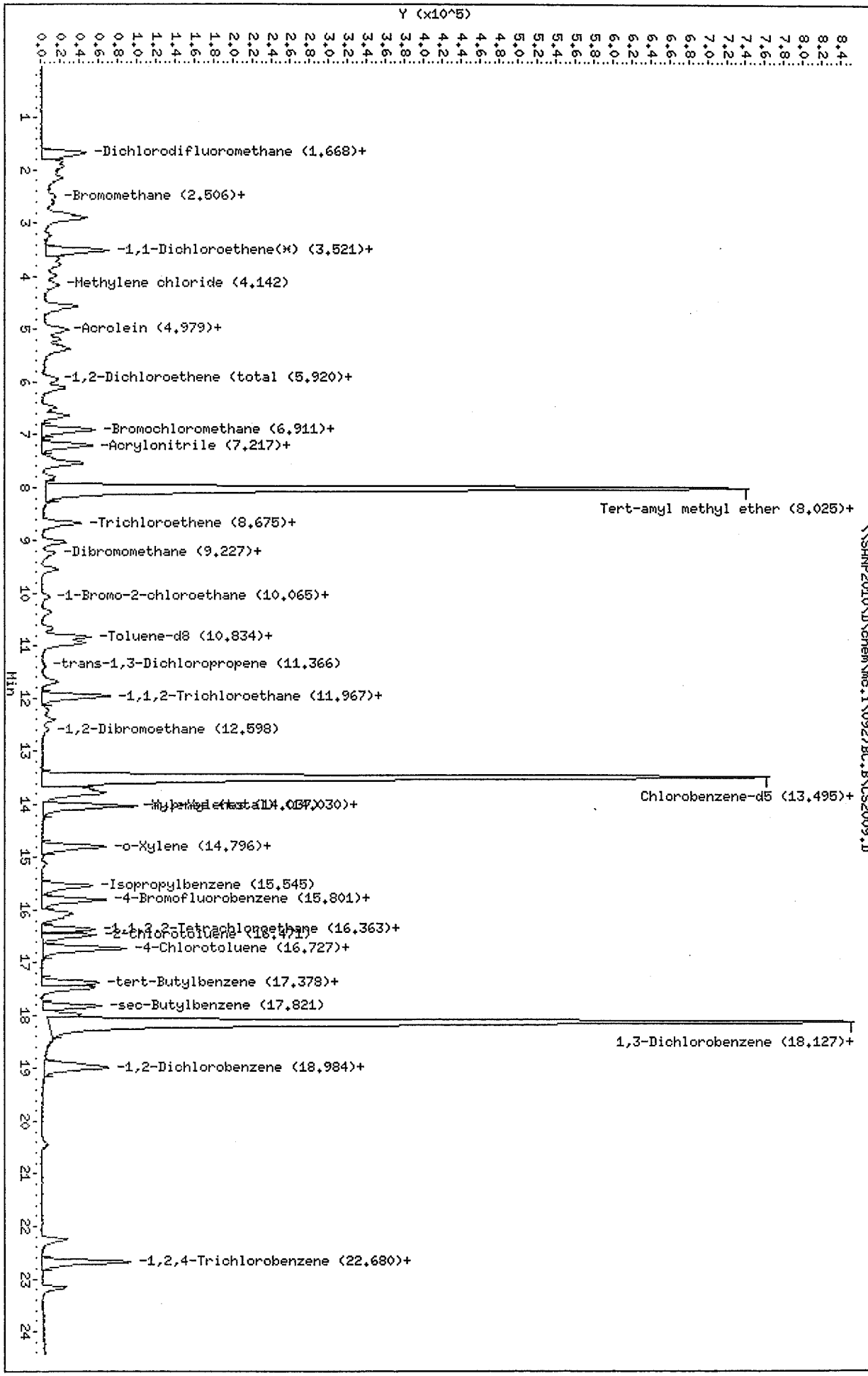
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
68 Bromobenzene	156	16.057	16.057	(0.886)	38392	0.50000	0.493(a)
69 1,1,2,2-Tetrachloroethane(**)	83	16.126	16.126	(0.890)	19798	0.50000	0.474(a)
70 1,2,3-Trichloropropane	110	16.166	16.166	(0.892)	4295	0.50000	0.457(a)
71 n-Propylbenzene	91	16.363	16.363	(0.903)	171183	0.50000	0.515(a)
72 2-Chlorotoluene	126	16.491	16.491	(0.910)	35899	0.50000	0.532(a)
73 4-Chlorotoluene	126	16.718	16.718	(0.922)	36729	0.50000	0.553(a)
74 1,3,5-Trimethylbenzene	105	16.757	16.757	(0.924)	119639	0.50000	0.544(a)
75 tert-Butylbenzene	119	17.368	17.368	(0.958)	131867	0.50000	0.541(a)
76 1,2,4-Trimethylbenzene	105	17.486	17.486	(0.965)	111211	0.50000	0.516(a)
77 sec-Butylbenzene	105	17.821	17.821	(0.983)	186082	0.50000	0.548(a)
78 1,3-Dichlorobenzene	146	17.999	17.999	(0.993)	71419	0.50000	0.514(a)
* 79 1,4-Dichlorobenzene-d4	152	18.127	18.127	(1.000)	902296	10.0000	
80 p-Isopropyltoluene	119	18.147	18.147	(1.001)	147671	0.50000	0.560(a)
81 1,4-Dichlorobenzene	146	18.166	18.166	(1.002)	76606	0.50000	0.579(a)
82 1,2-Dichlorobenzene	146	18.915	18.915	(1.043)	61328	0.50000	0.542(a)
83 n-Butylbenzene	91	18.994	18.994	(1.048)	136890	0.50000	0.500(a)
85 1,2,4-Trichlorobenzene	180	22.247	22.247	(1.227)	44815	0.50000	0.430(a)
86 Hexachlorobutadiene	225	22.680	22.680	(1.251)	72572	0.50000	0.591(a)
87 Napthalene	128	22.720	22.720	(1.253)	26615	0.50000	0.372(a)
88 1,2,3-Trichlorobenzene	180	23.163	23.163	(1.278)	39743	0.50000	0.508(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\CS2009.D
Date : 27-SEP-2000 17:29
Client ID:
Sample Info: 0.5PPB 8260BSTD,,6.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\CS2010.D
Lab Smp Id: 1PPB 8260BSTD
Inj Date : 27-SEP-2000 17:59
Operator : AD Inst ID: mc.i
Smp Info : 1PPB 8260BSTD,,,1,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 20:43 ramirezr Quant Type: ISTD
Cal Date : 27-SEP-2000 17:29 Cal File: CS2009.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.863	1.863	(0.232)	91846	1.00000	1.04
2 Chloromethane (**)	50	2.130	2.130	(0.265)	56587	1.00000	1.14(M)
3 Vinyl chloride (*)	62	2.149	2.149	(0.268)	61239	1.00000	1.06
4 Bromomethane	94	2.494	2.494	(0.311)	37023	1.00000	0.829(a)
5 Chloroethane	64	2.583	2.583	(0.322)	46917	1.00000	1.32
6 Trichlorofluoromethane	101	2.888	2.888	(0.360)	135898	1.00000	1.04
7 Acrolein	56	4.998	4.998	(0.623)	48261	10.0000	10.31
8 1,1-Dichloroethene(*)	96	3.509	3.509	(0.437)	70924	1.00000	1.07
9 1,1,2-Trichlorotrifluoroethan	151	3.499	3.499	(0.436)	105925	1.00000	1.06
10 Iodomethane	142	3.667	3.667	(0.457)	157030	2.00000	1.51(a)
11 Acetone	43	3.559	3.559	(0.444)	27231	5.00000	6.44(a)
12 Carbon disulfide	76	3.776	3.776	(0.471)	198394	1.00000	0.956(a)
13 Methylene chloride	84	4.160	4.160	(0.518)	56991	1.00000	1.06
14 Acrylonitrile	53	7.452	7.452	(0.929)	7243	10.0000	10.33
15 t-Butanol	59	4.564	4.564	(0.569)	4150	4.00000	4.43(aM)

BM 9-27-2000

BK 9-27-2000

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)	
	16 Vinyl acetate	43	5.333	5.333	(0.665)	132670	2.00000	1.95(a)	
	17 trans-1,2-Dichloroethene	96	4.564	4.564	(0.569)	78442	1.00000	1.05	
	18 Methyl-tert-butyl ether[MTBE]	73	4.593	4.593	(0.573)	62658	1.00000	1.06	
	19 1,1-Dichloroethane (**)	63	5.165	5.165	(0.644)	109767	1.00000	0.991(a)	
	20 Isopropyl ether	45	5.362	5.362	(0.668)	176083	1.00000	1.07	
	21 Tert-butyl ethyl ether	59	5.924	5.924	(0.738)	118582	1.00000	1.02	
M	22 1,2-Dichloroethene (total)	100				148391	2.00000	2.05	AM 9/27/2000
	23 2,2-Dichloropropane	77	6.082	6.082	(0.758)	15624	1.00000	0.380(aM)	
	24 cis-1,2-Dichloroethene	96	6.101	6.101	(0.760)	69949	1.00000	1.00	
	25 2-Butanone	43	6.161	6.161	(0.768)	24720	5.00000	4.94(a)	
	26 Bromochloromethane	128	6.486	6.486	(0.808)	33694	1.00000	1.09	
	27 Tetrahydrofuran	42	6.604	6.604	(0.823)	1010	1.00000	0.356(aM)	BM 9/27/2000
	28 Chloroform (*)	83	6.634	6.634	(0.827)	145331	1.00000	1.08	
$	29 Dibromofluoromethane	111	6.900	6.900	(0.860)	140315	1.00000	1.20	
	30 1,1,1-Trichloroethane	97	6.900	6.900	(0.860)	115969	1.00000	0.965(a)	
	31 Carbon Tetrachloride	117	7.205	7.205	(0.898)	100907	1.00000	0.915(a)	
	32 1,1-Dichloropropene	75	7.195	7.195	(0.897)	119628	1.00000	1.06	
$	33 1,2-Dichloroethane-d4	65	7.432	7.432	(0.926)	55649	1.00000	1.21	
	34 1,2-Dichloroethane-d4 2nd	102	7.422	7.422	(0.925)	12424	1.00000	1.10	
	35 Benzene	78	7.521	7.521	(0.937)	200110	1.00000	1.08	
	36 1,2-Dichloroethane	62	7.540	7.540	(0.940)	53893	1.00000	1.04	
	37 Tert-amyl methyl ether	73	7.797	7.797	(0.972)	87595	1.00000	1.02	
*	38 Fluorobenzene	96	8.023	8.023	(1.000)	2439054	10.0000		
	39 Trichloroethene	130	8.654	8.654	(1.079)	109481	1.00000	1.05	
	40 1,2-Dichloropropane(*)	63	9.009	9.009	(1.123)	68713	1.00000	1.05	
	41 Dibromomethane	93	9.216	9.216	(1.149)	38619	1.00000	1.02	
	42 Bromodichloromethane	83	9.521	9.521	(1.187)	89534	1.00000	0.897(a)	
	44 1-Bromo-2-chloroethane	63	10.063	10.063	(1.254)	71193	1.00000	0.987(aM)	BM 9/27/2000
	45 cis-1,3-Dichloropropene	75	10.339	10.339	(1.289)	57843	1.00000	0.854(a)	
	46 4-Methyl-2-pentanone	43	10.655	10.655	(1.328)	80641	5.00000	4.93(a)	
$	47 Toluene-d8	98	10.832	10.832	(0.803)	230030	1.00000	1.17	
	48 Toluene (*)	91	10.950	10.950	(0.812)	236771	1.00000	1.06	
	49 trans-1,3-Dichloropropene	75	11.384	11.384	(0.844)	27815	1.00000	0.742(a)	
	50 1,1,2-Trichloroethane	97	11.690	11.690	(0.866)	36548	1.00000	0.998(a)	
	51 Tetrachloroethene	164	11.946	11.946	(0.885)	112207	1.00000	1.07	
	52 1,3-Dichloropropane	76	11.985	11.985	(0.888)	62319	1.00000	1.06	
	53 2-Hexanone	43	12.222	12.222	(0.906)	46832	5.00000	4.59(a)	
	54 Dibromochloromethane	129	12.409	12.409	(0.920)	56601	1.00000	0.836(aM)	BM 9/27/2000
	55 1,2-Dibromoethane	107	12.577	12.577	(0.932)	44426	1.00000	0.926(a)	
*	56 Chlorobenzene-d5	117	13.493	13.493	(1.000)	1712388	10.0000		
	57 Chlorobenzene (**)	112	13.543	13.543	(1.004)	171373	1.00000	1.03	
	58 1,1,1,2-Tetrachloroethane	131	13.720	13.720	(1.017)	69329	1.00000	0.948(a)	
	59 Ethylbenzene (*)	106	13.799	13.799	(1.023)	83464	1.00000	1.04	
	60 m,p-Xylenes	106	14.035	14.035	(1.040)	216123	2.00000	2.16	
M	61 Xylenes (total)	100				311696	3.00000	3.20	
	62 o-Xylene	106	14.794	14.794	(1.096)	95573	1.00000	1.04	
	63 Styrene	104	14.814	14.814	(1.098)	131862	1.00000	0.984(a)	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
64 Bromoform (**)	173	15.139	15.139	(1.122)	26272	1.00000	0.702(a)
65 Isopropylbenzene	105	15.533	15.533	(1.151)	318519	1.00000	1.03
$ 66 4-Bromofluorobenzene	95	15.799	15.799	(1.171)	134162	1.00000	1.19
67 4-Bromofluorobenzene-2nd	174	15.799	15.799	(1.171)	113805	1.00000	1.19
68 Bromobenzene	156	16.075	16.075	(0.887)	83527	1.00000	0.963(a)
69 1,1,2,2-Tetrachloroethane(**)	83	16.135	16.135	(0.890)	44154	1.00000	0.950(a)
70 1,2,3-Trichloropropane	110	16.174	16.174	(0.892)	8646	1.00000	0.827(a)
71 n-Propylbenzene	91	16.361	16.361	(0.903)	346265	1.00000	0.946(a)
72 2-Chlorotoluene	126	16.480	16.480	(0.909)	79763	1.00000	1.06
73 4-Chlorotoluene	126	16.706	16.706	(0.922)	76734	1.00000	1.04
74 1,3,5-Trimethylbenzene	105	16.746	16.746	(0.924)	251148	1.00000	1.03
75 tert-Butylbenzene	119	17.367	17.367	(0.958)	272793	1.00000	1.01
76 1,2,4-Trimethylbenzene	105	17.475	17.475	(0.964)	241205	1.00000	1.01
77 sec-Butylbenzene	105	17.830	17.830	(0.984)	392046	1.00000	1.03
78 1,3-Dichlorobenzene	146	17.987	17.987	(0.992)	155118	1.00000	1.00
* 79 1,4-Dichlorobenzene-d4	152	18.125	18.125	(1.000)	1003723	10.0000	
80 p-Isopropyltoluene	119	18.145	18.145	(1.001)	307189	1.00000	1.05
81 1,4-Dichlorobenzene	146	18.165	18.165	(1.002)	175328	1.00000	1.59
82 1,2-Dichlorobenzene	146	18.904	18.904	(1.043)	128111	1.00000	1.02
83 n-Butylbenzene	91	18.983	18.983	(1.047)	304897	1.00000	1.00
84 1,2-Dibromo-3-chloropropane	157	20.511	20.511	(1.132)	5476	1.00000	0.611(a)
85 1,2,4-Trichlorobenzene	180	22.265	22.265	(1.228)	104529	1.00000	0.902(a)
86 Hexachlorobutadiene	225	22.659	22.659	(1.250)	134863	1.00000	0.988(a)
87 Napthalene	128	22.718	22.718	(1.253)	74561	1.00000	0.938(aM)
88 1,2,3-Trichlorobenzene	180	23.162	23.162	(1.278)	85754	1.00000	0.984(a)

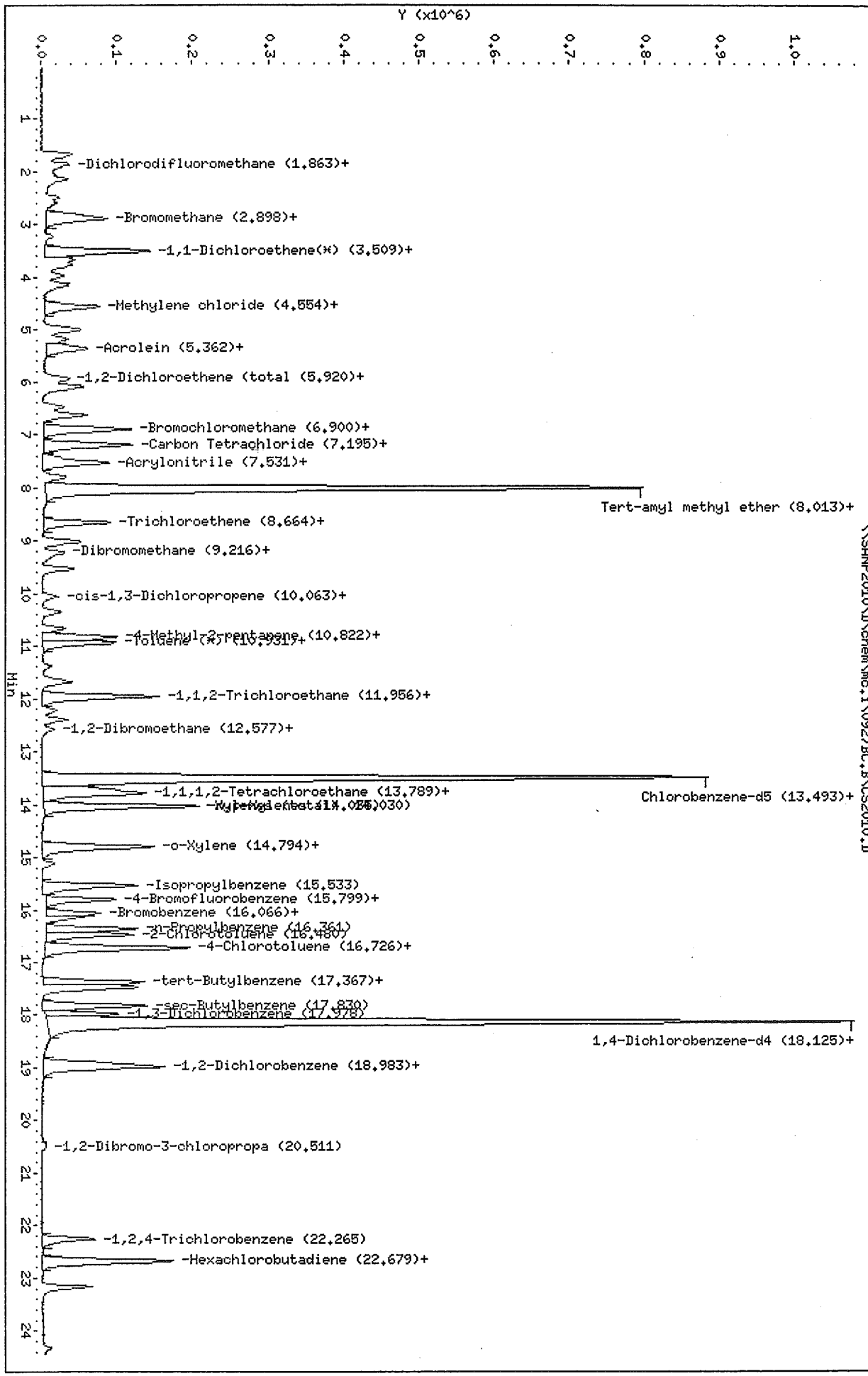
M 9/27/00

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\CS2010.D
Date : 27-SEP-2000 17:59
Client ID:
Sample Info: 1PPB 8260BSTD,,,1.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\CS2011.D
Lab Smp Id: 5PPB 8260BSTD
Inj Date : 27-SEP-2000 18:29
Operator : AD Inst ID: mc.i
Smp Info : 5PPB 8260BSTD,,,2,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 20:43 ramirezr Quant Type: ISTD
Cal Date : 27-SEP-2000 17:29 Cal File: CS2009.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.859	1.859	(0.232)	445319	5.00000	5.12
2 Chloromethane (**)	50	2.115	2.115	(0.264)	235081	5.00000	4.80
3 Vinyl chloride (*)	62	2.145	2.145	(0.268)	286230	5.00000	5.05
4 Bromomethane	94	2.480	2.480	(0.310)	220839	5.00000	5.02
5 Chloroethane	64	2.588	2.588	(0.323)	191498	5.00000	5.46
6 Trichlorofluoromethane	101	2.884	2.884	(0.360)	664536	5.00000	5.15
7 Acrolein	56	4.993	4.993	(0.623)	236982	50.0000	51.42
8 1,1-Dichloroethene(*)	96	3.485	3.485	(0.435)	346565	5.00000	5.30
9 1,1,2-Trichlorotrifluoroethan	151	3.505	3.505	(0.438)	522041	5.00000	5.29
10 Iodomethane	142	3.673	3.673	(0.459)	1083113	10.0000	10.56
11 Acetone	43	3.545	3.545	(0.443)	120647	25.0000	29.00
12 Carbon disulfide	76	3.771	3.771	(0.471)	1038400	5.00000	5.08
13 Methylene chloride	84	4.136	4.136	(0.516)	275571	5.00000	5.20
14 Acrylonitrile	53	7.408	7.408	(0.925)	37294	50.0000	54.03
15 t-Butanol	59	4.402	4.402	(0.550)	19636	20.0000	21.30(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.328	5.328	(0.665)	660192	10.0000	9.86(a)
	17 trans-1,2-Dichloroethene	96	4.560	4.560	(0.569)	376096	5.00000	5.12
	18 Methyl-tert-butyl ether[MTBE]	73	4.569	4.569	(0.571)	307918	5.00000	5.31
	19 1,1-Dichloroethane (**)	63	5.171	5.171	(0.646)	558624	5.00000	5.12
	20 Isopropyl ether	45	5.368	5.368	(0.670)	840775	5.00000	5.18
	21 Tert-butyl ethyl ether	59	5.939	5.939	(0.742)	591598	5.00000	5.19
M	22 1,2-Dichloroethene (total)	100				735264	10.0000	10.34
	23 2,2-Dichloropropane	77	6.068	6.068	(0.758)	142957	5.00000	3.53
	24 cis-1,2-Dichloroethene	96	6.097	6.097	(0.761)	359168	5.00000	5.22
	25 2-Butanone	43	6.127	6.127	(0.765)	124630	25.0000	25.30
	26 Bromochloromethane	128	6.462	6.462	(0.807)	158474	5.00000	5.21
	27 Tetrahydrofuran	42	6.570	6.570	(0.820)	16405	5.00000	5.87
	28 Chloroform (*)	83	6.629	6.629	(0.828)	616430	5.00000	4.64
$	29 Dibromofluoromethane	111	6.886	6.886	(0.860)	602059	5.00000	5.24
	30 1,1,1-Trichloroethane	97	6.905	6.905	(0.862)	609101	5.00000	5.14
	31 Carbon Tetrachloride	117	7.191	7.191	(0.898)	557486	5.00000	5.14
	32 1,1-Dichloropropene	75	7.181	7.181	(0.897)	590304	5.00000	5.30
$	33 1,2-Dichloroethane-d4	65	7.408	7.408	(0.925)	236791	5.00000	5.24
	34 1,2-Dichloroethane-d4 2nd	102	7.408	7.408	(0.925)	61242	5.00000	5.51
	35 Benzene	78	7.516	7.516	(0.938)	953654	5.00000	5.22
	36 1,2-Dichloroethane	62	7.546	7.546	(0.942)	264892	5.00000	5.21
	37 Tert-amyl methyl ether	73	7.782	7.782	(0.972)	441283	5.00000	5.20
*	38 Fluorobenzene	96	8.009	8.009	(1.000)	2401851	10.0000	
	39 Trichloroethene	130	8.650	8.650	(1.080)	528055	5.00000	5.15
	40 1,2-Dichloropropane(*)	63	9.005	9.005	(1.124)	332823	5.00000	5.17
	41 Dibromomethane	93	9.212	9.212	(1.150)	202776	5.00000	5.44
	42 Bromodichloromethane	83	9.517	9.517	(1.188)	502774	5.00000	5.12
	43 2-Chloroethylvinyl ether	106	10.069	10.069	(1.257)	4783	10.0000	4.25(a)
	44 1-Bromo-2-chloroethane	63	10.039	10.039	(1.253)	361604	5.00000	5.09
	45 cis-1,3-Dichloropropene	75	10.325	10.325	(1.289)	334160	5.00000	5.01
	46 4-Methyl-2-pentanone	43	10.660	10.660	(1.331)	423277	25.0000	26.28
$	47 Toluene-d8	98	10.808	10.808	(0.802)	1016111	5.00000	5.18
	48 Toluene (*)	91	10.926	10.926	(0.811)	1161984	5.00000	5.21
	49 trans-1,3-Dichloropropene	75	11.360	11.360	(0.843)	183676	5.00000	4.90
	50 1,1,2-Trichloroethane	97	11.676	11.676	(0.866)	190314	5.00000	5.20
	51 Tetrachloroethene	164	11.951	11.951	(0.887)	548919	5.00000	5.25
	52 1,3-Dichloropropane	76	11.971	11.971	(0.888)	320250	5.00000	5.46
	53 2-Hexanone	43	12.208	12.208	(0.906)	264807	25.0000	25.97
	54 Dibromochloromethane	129	12.385	12.385	(0.919)	344720	5.00000	5.09
	55 1,2-Dibromoethane	107	12.563	12.563	(0.932)	250219	5.00000	5.22
*	56 Chlorobenzene-d5	117	13.479	13.479	(1.000)	1711483	10.0000	
	57 Chlorobenzene (**)	112	13.528	13.528	(1.004)	867271	5.00000	5.22
	58 1,1,1,2-Tetrachloroethane	131	13.706	13.706	(1.017)	385840	5.00000	5.28
	59 Ethylbenzene (*)	106	13.785	13.785	(1.023)	422242	5.00000	5.24
	60 m,p-Xylenes	106	14.021	14.021	(1.040)	1081954	10.0000	10.84
M	61 Xylenes (total)	100				1574673	15.0000	16.18
	62 o-Xylene	106	14.770	14.770	(1.096)	492719	5.00000	5.35

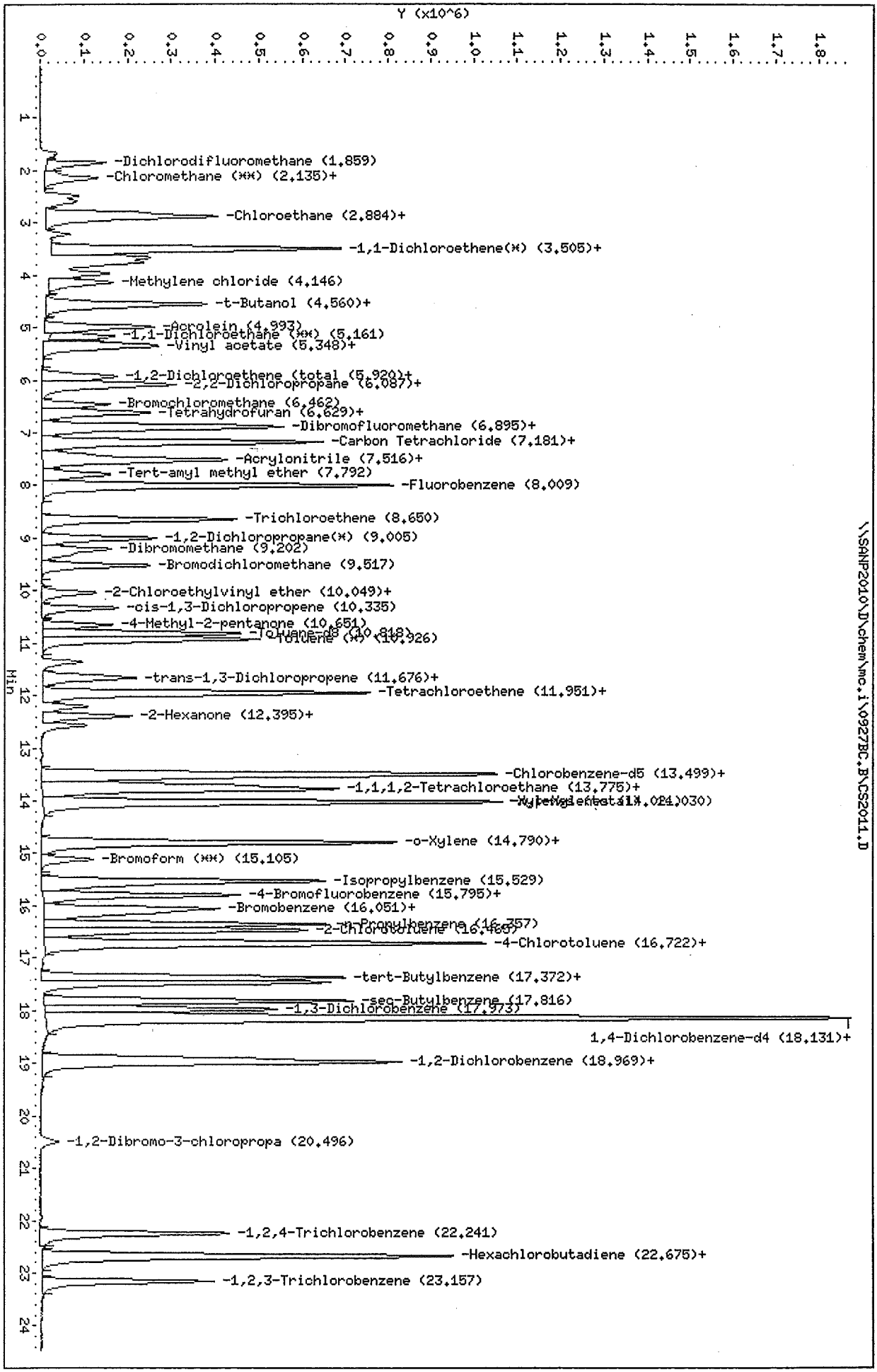
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.099)	702801	5.00000	5.24
64 Bromoform (**)	173	15.115	15.115	(1.121)	180363	5.00000	4.82
65 Isopropylbenzene	105	15.539	15.539	(1.153)	1596559	5.00000	5.17
$ 66 4-Bromofluorobenzene	95	15.795	15.795	(1.172)	592618	5.00000	5.26
67 4-Bromofluorobenzene-2nd	174	15.795	15.795	(1.172)	498323	5.00000	5.22
68 Bromobenzene	156	16.051	16.051	(0.886)	434898	5.00000	4.94
69 1,1,2,2-Tetrachloroethane(**)	83	16.120	16.120	(0.890)	236965	5.00000	5.02
70 1,2,3-Trichloropropane	110	16.170	16.170	(0.892)	54894	5.00000	5.17
71 n-Propylbenzene	91	16.357	16.357	(0.903)	1894588	5.00000	5.09
72 2-Chlorotoluene	126	16.475	16.475	(0.909)	383685	5.00000	5.02
73 4-Chlorotoluene	126	16.702	16.702	(0.922)	383713	5.00000	5.11
74 1,3,5-Trimethylbenzene	105	16.732	16.732	(0.923)	1288175	5.00000	5.18
75 tert-Butylbenzene	119	17.362	17.362	(0.958)	1380794	5.00000	5.02
76 1,2,4-Trimethylbenzene	105	17.471	17.471	(0.964)	1242472	5.00000	5.11
77 sec-Butylbenzene	105	17.816	17.816	(0.983)	1927883	5.00000	5.01
78 1,3-Dichlorobenzene	146	17.973	17.973	(0.992)	780019	5.00000	4.97
* 79 1,4-Dichlorobenzene-d4	152	18.121	18.121	(1.000)	1019780	10.0000	
80 p-Isopropyltoluene	119	18.141	18.141	(1.001)	1534018	5.00000	5.15
81 1,4-Dichlorobenzene	146	18.161	18.161	(1.002)	820444	5.00000	5.66(H)
82 1,2-Dichlorobenzene	146	18.900	18.900	(1.043)	637760	5.00000	4.98
83 n-Butylbenzene	91	18.979	18.979	(1.047)	1566819	5.00000	5.07
84 1,2-Dibromo-3-chloropropane	157	20.496	20.496	(1.131)	40440	5.00000	4.44
85 1,2,4-Trichlorobenzene	180	22.251	22.251	(1.228)	569677	5.00000	4.84
86 Hexachlorobutadiene	225	22.665	22.665	(1.251)	695897	5.00000	5.02
87 Napthalene	128	22.714	22.714	(1.253)	399323	5.00000	4.94
88 1,2,3-Trichlorobenzene	180	23.167	23.167	(1.278)	436467	5.00000	4.93

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\CS2011.D
Date : 27-SEP-2000 18:29
Client ID:
Sample Info: 5PPB 8260BSTD,,2.0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\CS2012.D
Lab Smp Id: 10PPB 8260BSTD
Inj Date : 27-SEP-2000 18:58
Operator : AD Inst ID: mc.i
Smp Info : 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.M
Meth Date : 27-Sep-2000 21:19 ramirezr Quant Type: ISTD
Cal Date : 27-SEP-2000 17:29 Cal File: CS2009.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.851	1.851	(0.231)	844030	10.0000	9.83
2 Chloromethane (**)	50	2.097	2.097	(0.262)	441306	10.0000	9.14
3 Vinyl chloride (*)	62	2.147	2.147	(0.268)	545555	10.0000	9.75
4 Bromomethane	94	2.472	2.472	(0.309)	467385	10.0000	10.78
5 Chloroethane	64	2.590	2.590	(0.323)	346886	10.0000	10.03
6 Trichlorofluoromethane	101	2.896	2.896	(0.361)	1267861	10.0000	9.96
7 Acrolein	56	4.995	4.995	(0.624)	450376	100.000	99.16
8 1,1-Dichloroethene(*)	96	3.497	3.497	(0.437)	644145	10.0000	9.99
9 1,1,2-Trichlorotrifluoroethan	151	3.517	3.517	(0.439)	989638	10.0000	10.16
10 Iodomethane	142	3.674	3.674	(0.459)	2228194	20.0000	22.02
11 Acetone	43	3.546	3.546	(0.443)	211366	50.0000	51.50
12 Carbon disulfide	76	3.773	3.773	(0.471)	1998132	10.0000	9.92
13 Methylene chloride	84	4.137	4.137	(0.516)	517091	10.0000	9.90
14 Acrylonitrile	53	7.419	7.419	(0.926)	75740	100.000	111.1
15 t-Butanol	59	4.394	4.394	(0.548)	24072	40.0000	26.47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.330	5.330	(0.665)	1283202	20.0000	19.42
	17 trans-1,2-Dichloroethene	96	4.542	4.542	(0.567)	715202	10.0000	9.86
	18 Methyl-tert-butyl ether[MTBE]	73	4.591	4.591	(0.573)	566224	10.0000	9.90
	19 1,1-Dichloroethane (**)	63	5.172	5.172	(0.646)	1062861	10.0000	9.88
	20 Isopropyl ether	45	5.350	5.350	(0.668)	1556464	10.0000	9.72
	21 Tert-butyl ethyl ether	59	5.941	5.941	(0.742)	1110406	10.0000	9.87
M	22 1,2-Dichloroethene (total)	100				1375493	20.0000	19.59
	23 2,2-Dichloropropane	77	6.079	6.079	(0.759)	296600	10.0000	7.42
	24 cis-1,2-Dichloroethene	96	6.089	6.089	(0.760)	660291	10.0000	9.73
	25 2-Butanone	43	6.148	6.148	(0.767)	237613	50.0000	48.96
	26 Bromochloromethane	128	6.463	6.463	(0.807)	305663	10.0000	10.24
	27 Tetrahydrofuran	42	6.611	6.611	(0.825)	32997	10.0000	11.98
	28 Chloroform (*)	83	6.631	6.631	(0.828)	1329980	10.0000	10.15
$	29 Dibromofluoromethane	111	6.897	6.897	(0.861)	1205884	10.0000	10.64
	30 1,1,1-Trichloroethane	97	6.917	6.917	(0.863)	1198510	10.0000	10.26
	31 Carbon Tetrachloride	117	7.193	7.193	(0.898)	1105825	10.0000	10.33
	32 1,1-Dichloropropene	75	7.193	7.193	(0.898)	1110451	10.0000	10.08
$	33 1,2-Dichloroethane-d4	65	7.429	7.429	(0.927)	463996	10.0000	10.41
	34 1,2-Dichloroethane-d4 2nd	102	7.429	7.429	(0.927)	115439	10.0000	10.52
	35 Benzene	78	7.528	7.528	(0.940)	1810756	10.0000	10.04
	36 1,2-Dichloroethane	62	7.548	7.548	(0.942)	501225	10.0000	9.99
	37 Tert-amyl methyl ether	73	7.804	7.804	(0.974)	833796	10.0000	9.95
*	38 Fluorobenzene	96	8.011	8.011	(1.000)	2369424	10.0000	
	39 Trichloroethene	130	8.651	8.651	(1.080)	1009983	10.0000	9.99
	40 1,2-Dichloropropane(*)	63	9.006	9.006	(1.124)	626601	10.0000	9.87
	41 Dibromomethane	93	9.213	9.213	(1.150)	384951	10.0000	10.46
	42 Bromodichloromethane	83	9.519	9.519	(1.188)	985200	10.0000	10.16
	43 2-Chloroethylvinyl ether	106	10.090	10.090	(1.260)	20420	20.0000	18.41
	44 1-Bromo-2-chloroethane	63	10.041	10.041	(1.253)	687285	10.0000	9.81
	45 cis-1,3-Dichloropropene	75	10.337	10.337	(1.290)	668018	10.0000	10.16
	46 4-Methyl-2-pentanone	43	10.652	10.652	(1.330)	798428	50.0000	50.24
$	47 Toluene-d8	98	10.820	10.820	(0.802)	2018609	10.0000	10.44
	48 Toluene (*)	91	10.938	10.938	(0.811)	2200693	10.0000	10.02
	49 trans-1,3-Dichloropropene	75	11.352	11.352	(0.841)	378576	10.0000	10.25
	50 1,1,2-Trichloroethane	97	11.677	11.677	(0.866)	371254	10.0000	10.29
	51 Tetrachloroethene	164	11.953	11.953	(0.886)	1040404	10.0000	10.10
	52 1,3-Dichloropropane	76	11.973	11.973	(0.887)	579118	10.0000	10.02
	53 2-Hexanone	43	12.209	12.209	(0.905)	512075	50.0000	50.94
	54 Dibromochloromethane	129	12.397	12.397	(0.919)	671029	10.0000	10.06
	55 1,2-Dibromoethane	107	12.574	12.574	(0.932)	482635	10.0000	10.21
*	56 Chlorobenzene-d5	117	13.491	13.491	(1.000)	1684151	10.0000	
	57 Chlorobenzene (**)	112	13.540	13.540	(1.004)	1635210	10.0000	9.98
	58 1,1,1,2-Tetrachloroethane	131	13.717	13.717	(1.017)	736202	10.0000	10.21
	59 Ethylbenzene (*)	106	13.786	13.786	(1.022)	814955	10.0000	10.27
	60 m,p-Xylenes	106	14.023	14.023	(1.039)	2024208	20.0000	20.57
M	61 Xylenes (total)	100				2957363	30.0000	30.84
	62 o-Xylene	106	14.782	14.782	(1.096)	933155	10.0000	10.28

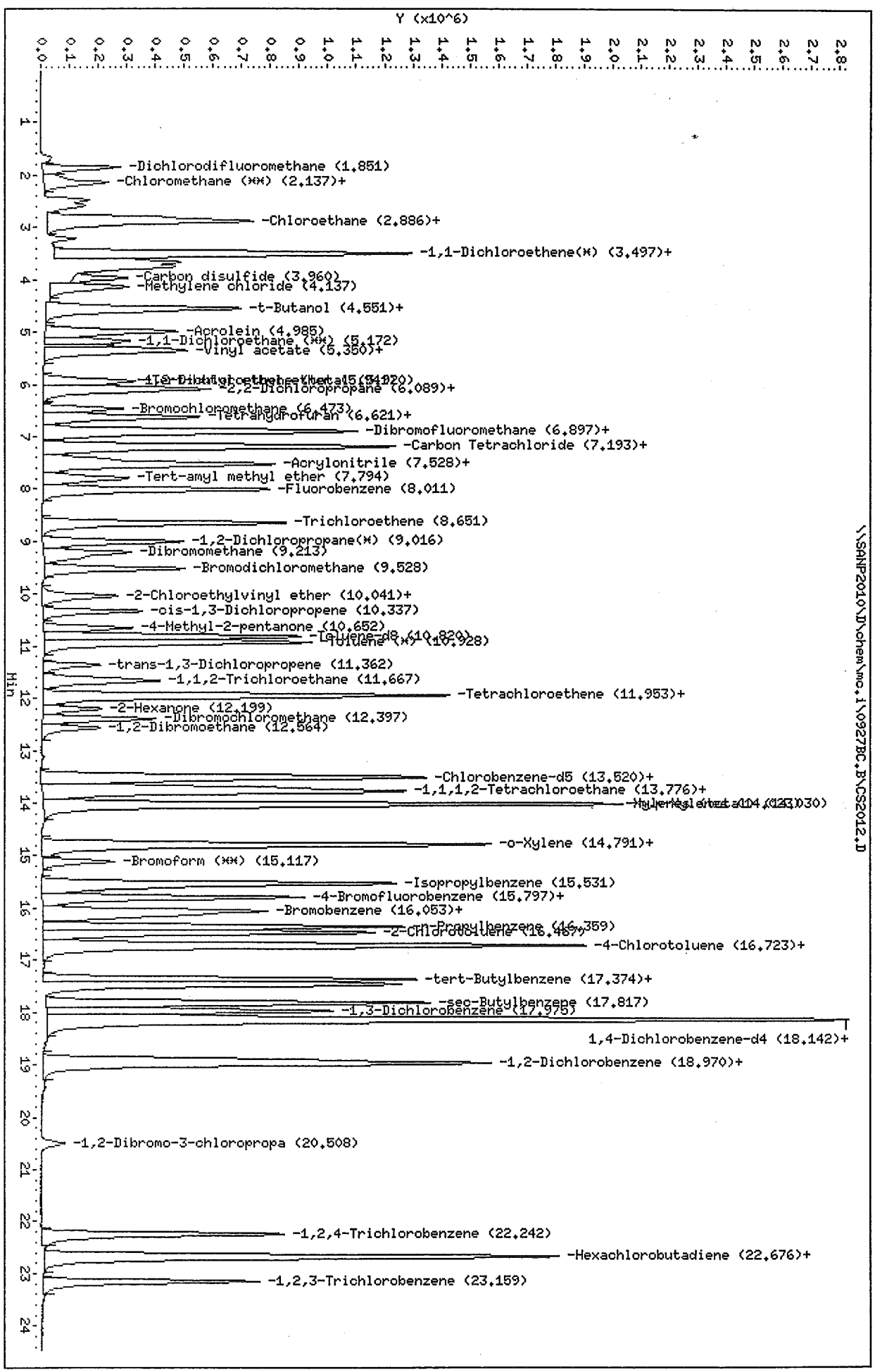
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	63 Styrene	104	14.811	14.811	(1.098)	1383672	10.0000	10.48
	64 Bromoform (**)	173	15.117	15.117	(1.121)	385854	10.0000	10.45
	65 Isopropylbenzene	105	15.531	15.531	(1.151)	3049216	10.0000	10.22
$	66 4-Bromofluorobenzene	95	15.797	15.797	(1.171)	1160714	10.0000	10.45
	67 4-Bromofluorobenzene-2nd	174	15.797	15.797	(1.171)	990306	10.0000	10.53
	68 Bromobenzene	156	16.053	16.053	(0.886)	831253	10.0000	9.63
	69 1,1,2,2-Tetrachloroethane(**)	83	16.122	16.122	(0.890)	452795	10.0000	9.78
	70 1,2,3-Trichloropropane	110	16.161	16.161	(0.892)	104638	10.0000	10.05
	71 n-Propylbenzene	91	16.359	16.359	(0.903)	3437624	10.0000	9.33
	72 2-Chlorotoluene	126	16.477	16.477	(0.910)	714366	10.0000	9.56
	73 4-Chlorotoluene	126	16.703	16.703	(0.922)	711015	10.0000	9.67
	74 1,3,5-Trimethylbenzene	105	16.733	16.733	(0.924)	2405347	10.0000	9.88
	75 tert-Butylbenzene	119	17.374	17.374	(0.959)	2603458	10.0000	9.65
	76 1,2,4-Trimethylbenzene	105	17.462	17.462	(0.964)	2329425	10.0000	9.76
	77 sec-Butylbenzene	105	17.817	17.817	(0.984)	3646847	10.0000	9.69
	78 1,3-Dichlorobenzene	146	17.975	17.975	(0.992)	1483661	10.0000	9.64
*	79 1,4-Dichlorobenzene-d4	152	18.113	18.113	(1.000)	999314	10.0000	
	80 p-Isopropyltoluene	119	18.142	18.142	(1.002)	2885903	10.0000	9.89
	81 1,4-Dichlorobenzene	146	18.162	18.162	(1.003)	1513547	10.0000	9.93(H)
	82 1,2-Dichlorobenzene	146	18.901	18.901	(1.044)	1222311	10.0000	9.75
	83 n-Butylbenzene	91	18.980	18.980	(1.048)	2981642	10.0000	9.84
	84 1,2-Dibromo-3-chloropropane	157	20.508	20.508	(1.132)	85820	10.0000	9.62
	85 1,2,4-Trichlorobenzene	180	22.242	22.242	(1.228)	1098386	10.0000	9.53
	86 Hexachlorobutadiene	225	22.676	22.676	(1.252)	1340101	10.0000	9.86
	87 Napthalene	128	22.706	22.706	(1.254)	809284	10.0000	10.23
	88 1,2,3-Trichlorobenzene	180	23.159	23.159	(1.279)	837629	10.0000	9.66

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\CS2012.D
Date : 27-SEP-2000 18:58
Client ID:
Sample Info: 10PPB 8260BSTD,,,3.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\CS2013.D
Lab Smp Id: 50PPB 8260BSTD
Inj Date : 27-SEP-2000 19:28
Operator : AD Inst ID: mc.i
Smp Info : 50PPB 8260BSTD,,,4,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 21:01 ramirezr Quant Type: ISTD
Cal Date : 27-SEP-2000 17:29 Cal File: CS2009.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.844	1.844	(0.230)	4106150	50.0000	49.31
2 Chloromethane (**)	50	2.111	2.111	(0.263)	2254890	50.0000	48.12
3 Vinyl chloride (*)	62	2.140	2.140	(0.267)	2626650	50.0000	48.41
4 Bromomethane	94	2.455	2.455	(0.306)	2303511	50.0000	54.74
5 Chloroethane	64	2.574	2.574	(0.321)	1516107	50.0000	45.19
6 Trichlorofluoromethane	101	2.879	2.879	(0.359)	6090539	50.0000	49.32
7 Acrolein	56	4.988	4.988	(0.622)	2137464	500.000	485.2
8 1,1-Dichloroethene(*)	96	3.490	3.490	(0.436)	2976257	50.0000	47.60
9 1,1,2-Trichlorotrifluoroethan	151	3.500	3.500	(0.437)	4534273	50.0000	47.99
10 Iodomethane	142	3.678	3.678	(0.459)	10501802	100.000	107.0
11 Acetone	43	3.549	3.549	(0.443)	801258	250.000	201.3
12 Carbon disulfide	76	3.766	3.766	(0.470)	9978145	50.0000	51.05
13 Methylene chloride	84	4.141	4.141	(0.517)	2443931	50.0000	48.24
14 Acrylonitrile	53	7.423	7.423	(0.926)	294556	500.000	446.0
15 t-Butanol	59	4.407	4.407	(0.550)	182271	200.000	206.7

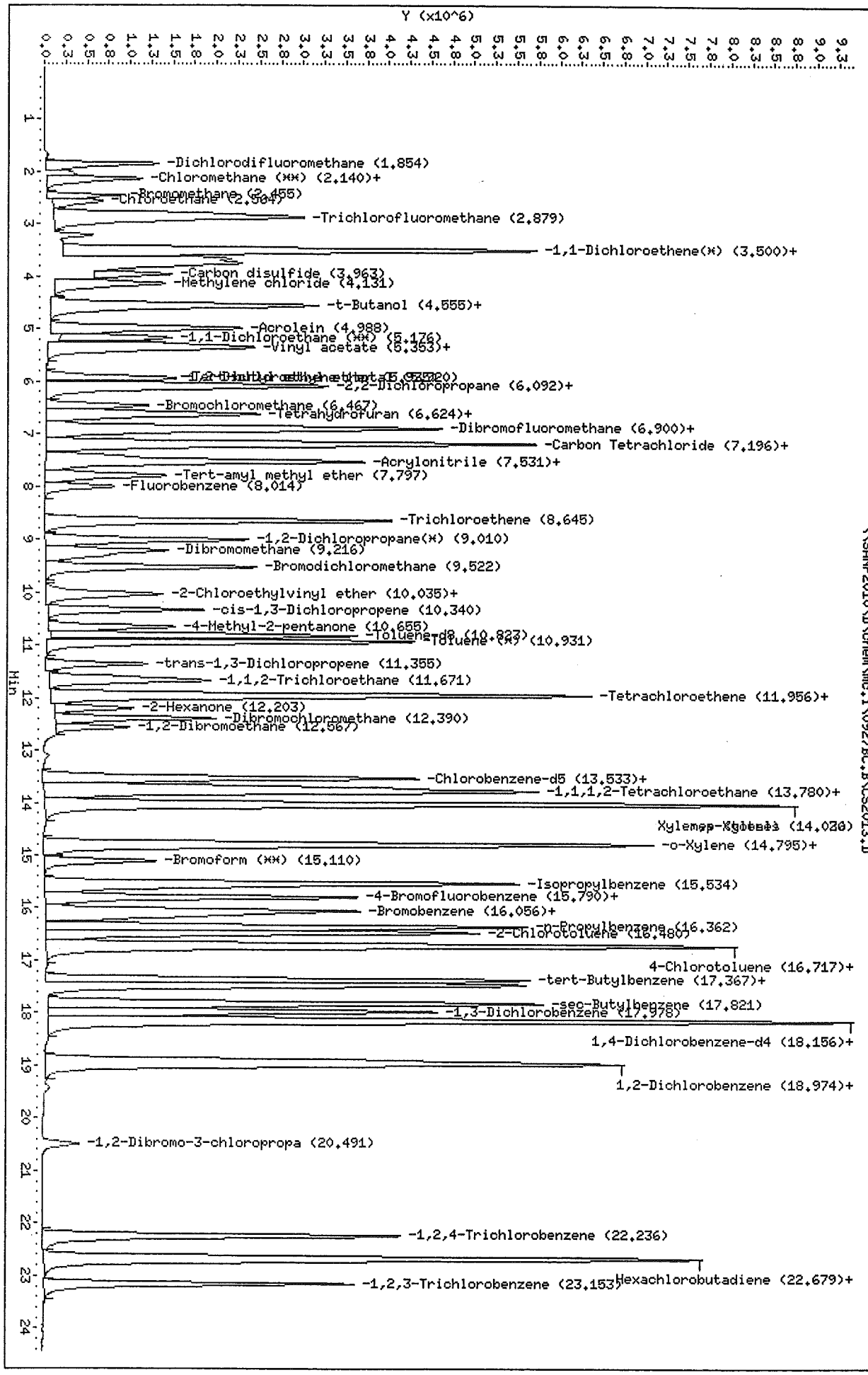
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.304	5.304	(0.662)	6574265	100.000	102.6
	17 trans-1,2-Dichloroethene	96	4.545	4.545	(0.567)	3421417	50.0000	48.64
	18 Methyl-tert-butyl ether[MTBE]	73	4.584	4.584	(0.572)	2671199	50.0000	48.16
	19 1,1-Dichloroethane (**)	63	5.176	5.176	(0.646)	5177867	50.0000	49.63
	20 Isopropyl ether	45	5.363	5.363	(0.669)	7451998	50.0000	48.00
	21 Tert-butyl ethyl ether	59	5.934	5.934	(0.741)	5372289	50.0000	49.23
M	22 1,2-Dichloroethene (total)	100				6653128	100.000	97.74
	23 2,2-Dichloropropane	77	6.072	6.072	(0.758)	2643584	50.0000	68.21
	24 cis-1,2-Dichloroethene	96	6.092	6.092	(0.760)	3231711	50.0000	49.10
	25 2-Butanone	43	6.141	6.141	(0.766)	1175861	250.000	249.8
	26 Bromochloromethane	128	6.457	6.457	(0.806)	1329504	50.0000	45.90
	27 Tetrahydrofuran	42	6.595	6.595	(0.823)	157094	50.0000	58.78
	28 Chloroform (*)	83	6.634	6.634	(0.828)	6345236	50.0000	49.94
$	29 Dibromofluoromethane	111	6.891	6.891	(0.860)	4697560	50.0000	42.72
	30 1,1,1-Trichloroethane	97	6.910	6.910	(0.862)	5766901	50.0000	50.92
	31 Carbon Tetrachloride	117	7.196	7.196	(0.898)	5506589	50.0000	53.01
	32 1,1-Dichloropropene	75	7.186	7.186	(0.897)	5142338	50.0000	48.26
$	33 1,2-Dichloroethane-d4	65	7.423	7.423	(0.926)	1850064	50.0000	42.80
	34 1,2-Dichloroethane-d4 2nd	102	7.433	7.433	(0.927)	464794	50.0000	43.70
	35 Benzene	78	7.521	7.521	(0.939)	8320195	50.0000	47.59
	36 1,2-Dichloroethane	62	7.551	7.551	(0.942)	2305051	50.0000	47.38
	37 Tert-amyl methyl ether	73	7.797	7.797	(0.973)	4025466	50.0000	49.53
*	38 Fluorobenzene	96	8.014	8.014	(1.000)	2298264	10.0000	
	39 Trichloroethene	130	8.645	8.645	(1.079)	4757424	50.0000	48.51
	40 1,2-Dichloropropane(*)	63	9.009	9.009	(1.124)	2954537	50.0000	48.00
	41 Dibromomethane	93	9.207	9.207	(1.149)	1720506	50.0000	48.21
	42 Bromodichloromethane	83	9.522	9.522	(1.188)	4918737	50.0000	52.32
	43 2-Chloroethylvinyl ether	106	10.104	10.104	(1.261)	134799	100.000	125.3
	44 1-Bromo-2-chloroethane	63	10.044	10.044	(1.253)	3411302	50.0000	50.20
	45 cis-1,3-Dichloropropene	75	10.330	10.330	(1.289)	3516900	50.0000	55.14
	46 4-Methyl-2-pentanone	43	10.655	10.655	(1.330)	3799972	250.000	246.5
$	47 Toluene-d8	98	10.823	10.823	(0.803)	7942256	50.0000	43.19
	48 Toluene (*)	91	10.941	10.941	(0.811)	10077523	50.0000	48.25
	49 trans-1,3-Dichloropropene	75	11.355	11.355	(0.842)	2108273	50.0000	60.02
	50 1,1,2-Trichloroethane	97	11.680	11.680	(0.866)	1694130	50.0000	49.37
	51 Tetrachloroethene	164	11.947	11.947	(0.886)	4721421	50.0000	48.21
	52 1,3-Dichloropropane	76	11.976	11.976	(0.888)	2630484	50.0000	47.86
	53 2-Hexanone	43	12.203	12.203	(0.905)	2442417	250.000	255.6
	54 Dibromochloromethane	129	12.390	12.390	(0.919)	3439282	50.0000	54.23
	55 1,2-Dibromoethane	107	12.567	12.567	(0.932)	2300784	50.0000	51.18
*	56 Chlorobenzene-d5	117	13.484	13.484	(1.000)	1601223	10.0000	
	57 Chlorobenzene (**)	112	13.533	13.533	(1.004)	7580048	50.0000	48.68
	58 1,1,1,2-Tetrachloroethane	131	13.711	13.711	(1.017)	3475168	50.0000	50.71
	59 Ethylbenzene (*)	106	13.790	13.790	(1.023)	3633474	50.0000	48.22
	60 m,p-Xylenes	106	14.026	14.026	(1.040)	8775725	100.000	93.80
M	61 Xylenes (total)	100				12898107	150.000	141.5
	62 o-Xylene	106	14.785	14.785	(1.096)	4122381	50.0000	47.74

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.304	5.304	(0.662)	6574265	100.000	102.6
	17 trans-1,2-Dichloroethene	96	4.545	4.545	(0.567)	3421417	50.0000	48.64
	18 Methyl-tert-butyl ether[MTBE]	73	4.584	4.584	(0.572)	2671199	50.0000	48.16
	19 1,1-Dichloroethane (**)	63	5.176	5.176	(0.646)	5177867	50.0000	49.63
	20 Isopropyl ether	45	5.363	5.363	(0.669)	7451998	50.0000	48.00
	21 Tert-butyl ethyl ether	59	5.934	5.934	(0.741)	5372289	50.0000	49.23
M	22 1,2-Dichloroethene (total)	100				6653128	100.000	97.74
	23 2,2-Dichloropropane	77	6.072	6.072	(0.758)	2643584	50.0000	68.21
	24 cis-1,2-Dichloroethene	96	6.092	6.092	(0.760)	3231711	50.0000	49.10
	25 2-Butanone	43	6.141	6.141	(0.766)	1175861	250.000	249.8
	26 Bromochloromethane	128	6.457	6.457	(0.806)	1329504	50.0000	45.90
	27 Tetrahydrofuran	42	6.595	6.595	(0.823)	157094	50.0000	58.78
	28 Chloroform (*)	83	6.634	6.634	(0.828)	6345236	50.0000	49.94
$	29 Dibromofluoromethane	111	6.891	6.891	(0.860)	4697560	50.0000	42.72
	30 1,1,1-Trichloroethane	97	6.910	6.910	(0.862)	5766901	50.0000	50.92
	31 Carbon Tetrachloride	117	7.196	7.196	(0.898)	5506589	50.0000	53.01
	32 1,1-Dichloropropene	75	7.186	7.186	(0.897)	5142338	50.0000	48.26
$	33 1,2-Dichloroethane-d4	65	7.423	7.423	(0.926)	1850064	50.0000	42.80
	34 1,2-Dichloroethane-d4 2nd	102	7.433	7.433	(0.927)	464794	50.0000	43.70
	35 Benzene	78	7.521	7.521	(0.939)	8320195	50.0000	47.59
	36 1,2-Dichloroethane	62	7.551	7.551	(0.942)	2305051	50.0000	47.38
	37 Tert-amyl methyl ether	73	7.797	7.797	(0.973)	4025466	50.0000	49.53
*	38 Fluorobenzene	96	8.014	8.014	(1.000)	2298264	10.0000	
	39 Trichloroethene	130	8.645	8.645	(1.079)	4757424	50.0000	48.51
	40 1,2-Dichloropropane(*)	63	9.009	9.009	(1.124)	2954537	50.0000	48.00
	41 Dibromomethane	93	9.207	9.207	(1.149)	1720506	50.0000	48.21
	42 Bromodichloromethane	83	9.522	9.522	(1.188)	4918737	50.0000	52.32
	43 2-Chloroethylvinyl ether	106	10.104	10.104	(1.261)	134799	100.000	125.3
	44 1-Bromo-2-chloroethane	63	10.044	10.044	(1.253)	3411302	50.0000	50.20
	45 cis-1,3-Dichloropropene	75	10.330	10.330	(1.289)	3516900	50.0000	55.14
	46 4-Methyl-2-pentanone	43	10.655	10.655	(1.330)	3799972	250.000	246.5
$	47 Toluene-d8	98	10.823	10.823	(0.803)	7942256	50.0000	43.19
	48 Toluene (*)	91	10.941	10.941	(0.811)	10077523	50.0000	48.25
	49 trans-1,3-Dichloropropene	75	11.355	11.355	(0.842)	2108273	50.0000	60.02
	50 1,1,2-Trichloroethane	97	11.680	11.680	(0.866)	1694130	50.0000	49.37
	51 Tetrachloroethene	164	11.947	11.947	(0.886)	4721421	50.0000	48.21
	52 1,3-Dichloropropane	76	11.976	11.976	(0.888)	2630484	50.0000	47.86
	53 2-Hexanone	43	12.203	12.203	(0.905)	2442417	250.000	255.6
	54 Dibromochloromethane	129	12.390	12.390	(0.919)	3439282	50.0000	54.23
	55 1,2-Dibromoethane	107	12.567	12.567	(0.932)	2300784	50.0000	51.18
*	56 Chlorobenzene-d5	117	13.484	13.484	(1.000)	1601223	10.0000	
	57 Chlorobenzene (**)	112	13.533	13.533	(1.004)	7580048	50.0000	48.68
	58 1,1,1,2-Tetrachloroethane	131	13.711	13.711	(1.017)	3475168	50.0000	50.71
	59 Ethylbenzene (*)	106	13.790	13.790	(1.023)	3633474	50.0000	48.22
	60 m,p-Xylenes	106	14.026	14.026	(1.040)	8775725	100.000	93.80
M	61 Xylenes (total)	100				12898107	150.000	141.5
	62 o-Xylene	106	14.785	14.785	(1.096)	4122381	50.0000	47.74

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.304	5.304	(0.662)	6574265	100.000	102.6
	17 trans-1,2-Dichloroethene	96	4.545	4.545	(0.567)	3421417	50.0000	48.64
	18 Methyl-tert-butyl ether[MTBE]	73	4.584	4.584	(0.572)	2671199	50.0000	48.16
	19 1,1-Dichloroethane (**)	63	5.176	5.176	(0.646)	5177867	50.0000	49.63
	20 Isopropyl ether	45	5.363	5.363	(0.669)	7451998	50.0000	48.00
	21 Tert-butyl ethyl ether	59	5.934	5.934	(0.741)	5372289	50.0000	49.23
M	22 1,2-Dichloroethene (total)	100				6653128	100.000	97.74
	23 2,2-Dichloropropane	77	6.072	6.072	(0.758)	2643584	50.0000	68.21
	24 cis-1,2-Dichloroethene	96	6.092	6.092	(0.760)	3231711	50.0000	49.10
	25 2-Butanone	43	6.141	6.141	(0.766)	1175861	250.000	249.8
	26 Bromochloromethane	128	6.457	6.457	(0.806)	1329504	50.0000	45.90
	27 Tetrahydrofuran	42	6.595	6.595	(0.823)	157094	50.0000	58.78
	28 Chloroform (*)	83	6.634	6.634	(0.828)	6345236	50.0000	49.94
$	29 Dibromofluoromethane	111	6.891	6.891	(0.860)	4697560	50.0000	42.72
	30 1,1,1-Trichloroethane	97	6.910	6.910	(0.862)	5766901	50.0000	50.92
	31 Carbon Tetrachloride	117	7.196	7.196	(0.898)	5506589	50.0000	53.01
	32 1,1-Dichloropropene	75	7.186	7.186	(0.897)	5142338	50.0000	48.26
$	33 1,2-Dichloroethane-d4	65	7.423	7.423	(0.926)	1850064	50.0000	42.80
	34 1,2-Dichloroethane-d4 2nd	102	7.433	7.433	(0.927)	464794	50.0000	43.70
	35 Benzene	78	7.521	7.521	(0.939)	8320195	50.0000	47.59
	36 1,2-Dichloroethane	62	7.551	7.551	(0.942)	2305051	50.0000	47.38
	37 Tert-amyl methyl ether	73	7.797	7.797	(0.973)	4025466	50.0000	49.53
*	38 Fluorobenzene	96	8.014	8.014	(1.000)	2298264	10.0000	
	39 Trichloroethene	130	8.645	8.645	(1.079)	4757424	50.0000	48.51
	40 1,2-Dichloropropane(*)	63	9.009	9.009	(1.124)	2954537	50.0000	48.00
	41 Dibromomethane	93	9.207	9.207	(1.149)	1720506	50.0000	48.21
	42 Bromodichloromethane	83	9.522	9.522	(1.188)	4918737	50.0000	52.32
	43 2-Chloroethylvinyl ether	106	10.104	10.104	(1.261)	134799	100.000	125.3
	44 1-Bromo-2-chloroethane	63	10.044	10.044	(1.253)	3411302	50.0000	50.20
	45 cis-1,3-Dichloropropene	75	10.330	10.330	(1.289)	3516900	50.0000	55.14
	46 4-Methyl-2-pentanone	43	10.655	10.655	(1.330)	3799972	250.000	246.5
$	47 Toluene-d8	98	10.823	10.823	(0.803)	7942256	50.0000	43.19
	48 Toluene (*)	91	10.941	10.941	(0.811)	10077523	50.0000	48.25
	49 trans-1,3-Dichloropropene	75	11.355	11.355	(0.842)	2108273	50.0000	60.02
	50 1,1,2-Trichloroethane	97	11.680	11.680	(0.866)	1694130	50.0000	49.37
	51 Tetrachloroethene	164	11.947	11.947	(0.886)	4721421	50.0000	48.21
	52 1,3-Dichloropropane	76	11.976	11.976	(0.888)	2630484	50.0000	47.86
	53 2-Hexanone	43	12.203	12.203	(0.905)	2442417	250.000	255.6
	54 Dibromochloromethane	129	12.390	12.390	(0.919)	3439282	50.0000	54.23
	55 1,2-Dibromoethane	107	12.567	12.567	(0.932)	2300784	50.0000	51.18
*	56 Chlorobenzene-d5	117	13.484	13.484	(1.000)	1601223	10.0000	
	57 Chlorobenzene (**)	112	13.533	13.533	(1.004)	7580048	50.0000	48.68
	58 1,1,1,2-Tetrachloroethane	131	13.711	13.711	(1.017)	3475168	50.0000	50.71
	59 Ethylbenzene (*)	106	13.790	13.790	(1.023)	3633474	50.0000	48.22
	60 m,p-Xylenes	106	14.026	14.026	(1.040)	8775725	100.000	93.80
M	61 Xylenes (total)	100				12898107	150.000	141.5
	62 o-Xylene	106	14.785	14.785	(1.096)	4122381	50.0000	47.74

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\CS2013.D
Date : 27-SEP-2000 19:28
Client ID:
Sample Info: 50PPB 8260BSTD,,4.0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D
Lab Smp Id: 100PPB 8260BSTD
Inj Date : 27-SEP-2000 19:58
Operator : AD Inst ID: mc.i
Smp Info : 100PPB 8260BSTD,,,5,0,,,8260BCL.M
Misc Info : ,25,,,1,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 21:30 ramirezr Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.850	1.850	(0.231)	7680215	100.000	96.78
2 Chloromethane (**)	50	2.076	2.076	(0.259)	4580771	100.000	102.6(A)
3 Vinyl chloride (*)	62	2.136	2.136	(0.266)	5084507	100.000	98.33
4 Bromomethane	94	2.451	2.451	(0.306)	3981007	100.000	99.30
5 Chloroethane	64	2.569	2.569	(0.320)	2179863	100.000	68.20
6 Trichlorofluoromethane	101	2.875	2.875	(0.358)	11186119	100.000	95.06
7 Acrolein	56	4.994	4.994	(0.623)	4099477	1000.00	976.4
8 1,1-Dichloroethene(*)	96	3.486	3.486	(0.435)	5475070	100.000	91.89
9 1,1,2-Trichlorotrifluoroethan	151	3.506	3.506	(0.437)	8194605	100.000	91.01
10 Iodomethane	142	3.673	3.673	(0.458)	19079320	200.000	204.0(A)
11 Acetone	43	3.555	3.555	(0.443)	1358522	500.000	358.0
12 Carbon disulfide	76	3.772	3.772	(0.470)	18885855	100.000	101.4(A)
13 Methylene chloride	84	4.146	4.146	(0.517)	4558597	100.000	94.42
14 Acrylonitrile	53	7.438	7.438	(0.927)	567720	1000.00	901.1
15 t-Butanol	59	4.412	4.412	(0.550)	380312	400.000	452.5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.309	5.309	(0.662)	12733875	200.000	208.5(A)
	17 trans-1,2-Dichloroethene	96	4.550	4.550	(0.567)	6480421	100.000	96.68
	18 Methyl-tert-butyl ether[MTBE]	73	4.590	4.590	(0.572)	4859517	100.000	91.94
	19 1,1-Dichloroethane (**)	63	5.171	5.171	(0.645)	9975282	100.000	100.3(A)
	20 Isopropyl ether	45	5.368	5.368	(0.669)	14230569	100.000	96.19
	21 Tert-butyl ethyl ether	59	5.950	5.950	(0.742)	10060809	100.000	96.73
M	22 1,2-Dichloroethene (total)	100				12746344	200.000	196.6
	23 2,2-Dichloropropane	77	6.088	6.088	(0.759)	6677324	100.000	180.8(A)
	24 cis-1,2-Dichloroethene	96	6.098	6.098	(0.760)	6265922	100.000	99.90
	25 2-Butanone	43	6.157	6.157	(0.768)	2265306	500.000	504.9(A)
	26 Bromochloromethane	128	6.472	6.472	(0.807)	2510029	100.000	90.93
	27 Tetrahydrofuran	42	6.610	6.610	(0.824)	277587	100.000	109.0(A)
	28 Chloroform (*)	83	6.640	6.640	(0.828)	11865287	100.000	97.99
$	29 Dibromofluoromethane	111	6.896	6.896	(0.860)	8712887	100.000	83.15
	30 1,1,1-Trichloroethane	97	6.916	6.916	(0.862)	10376792	100.000	96.13
	31 Carbon Tetrachloride	117	7.202	7.202	(0.898)	9891064	100.000	99.92
	32 1,1-Dichloropropene	75	7.202	7.202	(0.898)	9299991	100.000	91.38
$	33 1,2-Dichloroethane-d4	65	7.438	7.438	(0.927)	3463903	100.000	84.09
	34 1,2-Dichloroethane-d4 2nd	102	7.438	7.438	(0.927)	883043	100.000	87.07
	35 Benzene	78	7.537	7.537	(0.940)	15353330	100.000	92.14
	36 1,2-Dichloroethane	62	7.566	7.566	(0.943)	4046246	100.000	87.28
	37 Tert-amyl methyl ether	73	7.803	7.803	(0.973)	7433816	100.000	95.98
*	38 Fluorobenzene	96	8.020	8.020	(1.000)	2190280	10.0000	
	39 Trichloroethene	130	8.660	8.660	(1.080)	8860982	100.000	94.82
	40 1,2-Dichloropropane(*)	63	9.015	9.015	(1.124)	5664074	100.000	96.56
	41 Dibromomethane	93	9.212	9.212	(1.149)	3000771	100.000	88.23
	42 Bromodichloromethane	83	9.527	9.527	(1.188)	9100398	100.000	101.6(A)
	43 2-Chloroethylvinyl ether	106	10.109	10.109	(1.261)	287378	200.000	280.3(A)
	44 1-Bromo-2-chloroethane	63	10.050	10.050	(1.253)	6538187	100.000	101.0(A)
	45 cis-1,3-Dichloropropene	75	10.336	10.336	(1.289)	6763928	100.000	111.3(A)
	46 4-Methyl-2-pentanone	43	10.661	10.661	(1.329)	7138716	500.000	486.0
$	47 Toluene-d8	98	10.828	10.828	(0.803)	15400523	100.000	88.89
	48 Toluene (*)	91	10.947	10.947	(0.811)	18348477	100.000	93.24
	49 trans-1,3-Dichloropropene	75	11.361	11.361	(0.842)	4155047	100.000	125.6(A)
	50 1,1,2-Trichloroethane	97	11.686	11.686	(0.866)	3060173	100.000	94.66
	51 Tetrachloroethene	164	11.962	11.962	(0.887)	8356307	100.000	90.56
	52 1,3-Dichloropropane	76	11.982	11.982	(0.888)	4612093	100.000	89.06
	53 2-Hexanone	43	12.208	12.208	(0.905)	4526715	500.000	502.8(A)
	54 Dibromochloromethane	129	12.396	12.396	(0.919)	6316892	100.000	105.7(A)
	55 1,2-Dibromoethane	107	12.573	12.573	(0.932)	4191377	100.000	98.97
*	56 Chlorobenzene-d5	117	13.490	13.490	(1.000)	1508563	10.0000	
	57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	14030351	100.000	95.64
	58 1,1,1,2-Tetrachloroethane	131	13.726	13.726	(1.018)	6232639	100.000	96.52
	59 Ethylbenzene (*)	106	13.805	13.805	(1.023)	6600590	100.000	92.85
	60 m,p-Xylenes	106	14.041	14.041	(1.041)	15371824	200.000	174.4
M	61 Xylenes (total)	100				22811871	300.000	265.8
	62 o-Xylene	106	14.790	14.790	(1.096)	7440046	100.000	91.46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	63 Styrene	104	14.820	14.820	(1.099)	10862933	100.000	91.82
	64 Bromoform (**)	173	15.116	15.116	(1.121)	3736859	100.000	113.0(A)
	65 Isopropylbenzene	105	15.540	15.540	(1.152)	24497594	100.000	91.65
$	66 4-Bromofluorobenzene	95	15.806	15.806	(1.172)	8464671	100.000	85.07
	67 4-Bromofluorobenzene-2nd	174	15.806	15.806	(1.172)	7105901	100.000	84.34
	68 Bromobenzene	156	16.062	16.062	(0.886)	6702397	100.000	107.7(A)
	69 1,1,2,2-Tetrachloroethane(**)	83	16.141	16.141	(0.891)	3531116	100.000	105.8(A)
	70 1,2,3-Trichloropropane	110	16.180	16.180	(0.893)	817177	100.000	108.9(A)
	71 n-Propylbenzene	91	16.367	16.367	(0.903)	27870553	100.000	105.0(A)
	72 2-Chlorotoluene	126	16.486	16.486	(0.910)	5455169	100.000	101.3(A)
	73 4-Chlorotoluene	126	16.702	16.702	(0.922)	5257991	100.000	99.21
	74 1,3,5-Trimethylbenzene	105	16.752	16.752	(0.924)	17283364	100.000	98.47
	75 tert-Butylbenzene	119	17.383	17.383	(0.959)	20207642	100.000	103.9(A)
	76 1,2,4-Trimethylbenzene	105	17.481	17.481	(0.965)	17496618	100.000	101.8(A)
	77 sec-Butylbenzene	105	17.836	17.836	(0.984)	27876858	100.000	102.8(A)
	78 1,3-Dichlorobenzene	146	17.994	18.181	(0.993)	11550452	100.000	106.9(A)
*	79 1,4-Dichlorobenzene-d4	152	18.122	18.122	(1.000)	720300	10.0000	
	80 p-Isopropyltoluene	119	18.151	18.151	(1.002)	20204426	100.000	96.06
	81 1,4-Dichlorobenzene	146	18.181	18.181	(1.003)	10301449	100.000	91.94
	82 1,2-Dichlorobenzene	146	18.900	18.900	(1.043)	9292243	100.000	102.8(A)
	83 n-Butylbenzene	91	18.989	18.989	(1.048)	22055301	100.000	101.0(A)
	84 1,2-Dibromo-3-chloropropane	157	20.497	20.497	(1.131)	867129	100.000	134.8(A)
	85 1,2,4-Trichlorobenzene	180	22.241	22.241	(1.227)	9354034	100.000	112.6(A)
	86 Hexachlorobutadiene	225	22.675	22.675	(1.251)	10068449	100.000	102.8(A)
	87 Napthalene	128	22.715	22.715	(1.253)	5782472	100.000	101.4(A)
	88 1,2,3-Trichlorobenzene	180	23.158	23.158	(1.278)	6536090	100.000	104.6(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D
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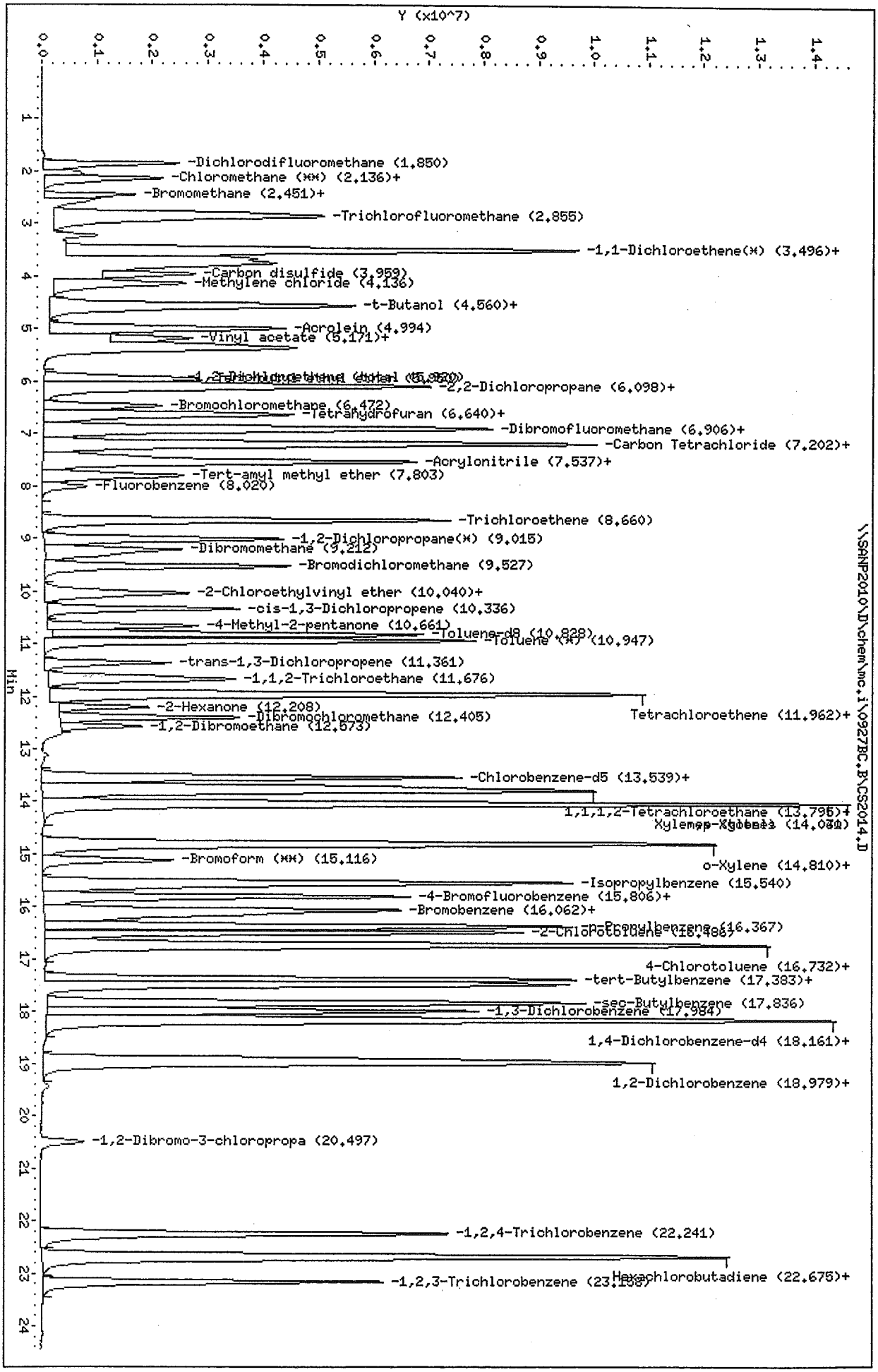
Client ID:
Sample Info: 100PPB 8260BSTD,,5.0,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 100400

INSTRUMENT ID: MSD

SAMPLES: EOI290371

BOE-C6-0158814

8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 100400

INSTRUMENT ID: MSD

SAMPLES: EOI290371

BOE-C6-0158815

8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 100400

INSTRUMENT ID: MSD

SAMPLES: EOI290371

BOE-C6-0158816

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 04-OCT-2000 11:03
End Cal Date : 04-OCT-2000 14:02
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.M
Cal Date : 04-Oct-2000 14:38 ramirezr
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2021\D\chem\md.i\1004AD.B\DS2516.D
Level 2: \\SANP2021\D\chem\md.i\1004AD.B\DS2517.D
Level 3: \\SANP2021\D\chem\md.i\1004AD.B\DS2515.D
Level 4: \\SANP2021\D\chem\md.i\1004AD.B\DS2518.D
Level 5: \\SANP2021\D\chem\md.i\1004AD.B\DS2519.D

Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD
1 Dichlorodifluoromethane	0.52156	0.42671	0.51813	0.39660	0.36918	0.44644	15.689
2 Vinyl chloride (*)	0.26596	0.20081	0.23917	0.19389	0.18054	0.21607	16.379
3 Chloromethane (**)	0.24177	0.17789	0.22237	0.16068	0.14790	0.19012	21.213
4 Bromomethane	0.29823	0.22046	0.23906	0.18879	0.15274	0.21985	24.893
5 Chloroethane	0.19234	0.14278	0.16331	0.12434	0.07543	0.13964	31.429 <-
6 Trichlorofluoromethane	0.91581	0.77583	0.78085	0.70708	0.40190	0.71629	26.713
7 Acrolein	0.00989	0.01320	0.01340	0.01536	0.01508	0.01339	16.283
8 1,1-Dichloroethene(*)	0.35401	0.28354	0.26903	0.26659	0.23498	0.28163	15.683
9 1,1,2-Trichlorotrifluoroethan	0.60256	0.49150	0.38480	0.46963	0.40072	0.46984	18.461
10 Acetone	0.05973	0.06028	0.05688	0.05659	0.04330	0.05535	12.536
11 Iodomethane	0.62688	0.51811	0.59747	0.52897	0.44102	0.54249	13.426
12 Carbon disulfide	0.83116	0.61797	0.55402	0.60369	0.55183	0.63173	18.250
13 Methylene chloride	0.33325	0.28164	0.28337	0.26975	0.26255	0.28611	9.687
14 t-Butanol	0.00856	0.00691	0.00665	0.00678	0.00741	0.00726	10.783
15 trans-1,2-Dichloroethene	0.41130	0.32114	0.31056	0.30806	0.28233	0.32668	15.125
16 Acrylonitrile	0.03694	0.04402	0.04748	0.04627	0.03809	0.04256	11.247
17 Methyl-tert-butyl ether[MTBE]	0.82771	0.77397	0.73522	0.75689	0.66728	0.75221	7.779
18 1,1-Dichloroethane (**)	0.69577	0.55514	0.54517	0.52108	0.49747	0.56293	13.777
19 Vinyl acetate	0.83850	0.73189	0.72657	0.70523	0.62714	0.72587	10.423
20 Isopropyl ether	1.24720	0.96265	0.94179	0.89632	0.81976	0.97354	16.692
21 2,2-Dichloropropane	0.77800	0.59343	0.58498	0.57007	0.52865	0.61103	15.811
22 Tert-butyl ethyl ether	1.06118	0.92590	0.92333	0.90385	0.84078	0.93101	8.644
23 cis-1,2-Dichloroethene	0.38016	0.33407	0.32217	0.32165	0.29984	0.33158	8.998
24 2-Butanone	0.10107	0.10100	0.09720	0.09926	0.08218	0.09614	8.283
25 Bromochloromethane	0.21552	0.23212	0.22134	0.22068	0.20447	0.21883	4.589
26 Chloroform (*)	0.87637	0.70198	0.73485	0.71264	0.63581	0.73233	12.094

OFB 10/5/00

10-5-00

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 04-OCT-2000 11:03
End Cal Date : 04-OCT-2000 14:02
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.M
Cal Date : 04-Oct-2000 14:38 ramirezr
Curve Type : Average

	Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD
	27 Tetrahydrofuran	0.04860	0.06066	0.06738	0.06154	0.05228	0.05809	13.020
M	28 1,2-Dichloroethene (total)	0.39573	0.32761	0.31636	0.31486	0.29108	0.32913	12.012
	30 1,1,1-Trichloroethane	0.90130	0.74890	0.74778	0.74527	0.66956	0.76256	11.089
	31 Carbon Tetrachloride	0.85843	0.73947	0.69489	0.71501	0.63906	0.72937	11.119
	32 1,1-Dichloropropene	0.69280	0.55655	0.50884	0.50565	0.45241	0.54325	16.818
	34 1,2-Dichloroethane-d4 2nd	0.11153	0.09967	0.09708	0.09388	0.08208	0.09685	10.958
	35 Benzene	1.04490	0.85022	0.81928	0.80541	0.72278	0.84852	14.080
	36 1,2-Dichloroethane	0.57980	0.54529	0.53018	0.53396	0.48238	0.53432	6.553
	37 Tert-amyl methyl ether	0.96146	0.86419	0.89968	0.88253	0.80846	0.88326	6.289
	39 Trichloroethene	0.54735	0.46741	0.44434	0.45301	0.42447	0.46731	10.136
	40 1,2-Dichloropropane(*)	0.41021	0.34790	0.33456	0.32832	0.30872	0.34594	11.157
	41 Dibromomethane	0.31861	0.33395	0.32837	0.33230	0.29798	0.32224	4.596
	42 Bromodichloromethane	0.76201	0.71064	0.70898	0.72206	0.67713	0.71616	4.271
	43 1-Bromo-2-chloroethane	0.75650	0.80496	0.81331	0.81361	0.75417	0.78851	3.867
	44 2-Chloroethylvinyl ether	0.02549	0.04480	0.04766	0.05117	0.05051	0.04393	24.162
	45 cis-1,3-Dichloropropene	0.60057	0.53307	0.51481	0.54087	0.51230	0.54033	6.621
	46 4-Methyl-2-pentanone	0.24582	0.27292	0.26642	0.28897	0.22675	0.26017	9.323
	48 Toluene (*)	1.51088	1.22663	1.14987	1.15446	1.06889	1.22215	13.975
	49 trans-1,3-Dichloropropene	0.55286	0.55963	0.54802	0.57064	0.55881	0.55799	1.523
	50 1,1,2-Trichloroethane	0.43834	0.41101	0.39934	0.39910	0.36795	0.40315	6.288
	51 Tetrachloroethene	0.68758	0.56461	0.50803	0.52833	0.48547	0.55481	14.369
	52 1,3-Dichloropropane	0.71211	0.64926	0.61826	0.63856	0.55501	0.63464	8.927
	53 2-Hexanone	0.20203	0.22835	0.22991	0.24543	0.19739	0.22062	9.198
	54 Dibromochloromethane	0.72566	0.74573	0.75857	0.75472	0.70446	0.73783	3.061
	55 1,2-Dibromoethane	0.60530	0.63188	0.60096	0.63532	0.57871	0.61043	3.843
	57 Chlorobenzene (**)	1.20132	0.98673	0.90985	0.94631	0.86843	0.98253	13.221
	58 1,1,1,2-Tetrachloroethane	0.66584	0.59618	0.58154	0.58899	0.53753	0.59402	7.776
	59 Ethylbenzene (*)	0.57249	0.45024	0.42725	0.44555	0.39674	0.45846	14.641
	60 m,p-Xylenes	0.72775	0.59247	0.53677	0.54109	0.48172	0.57596	16.228
	61 o-Xylene	0.66358	0.56783	0.52964	0.53221	0.48893	0.55644	11.878
	62 Styrene	1.08881	0.91811	0.88684	0.90567	0.82167	0.92422	10.736
M	63 Xylenes (total)	0.70636	0.58426	0.53439	0.53813	0.48412	0.56945	14.811
	64 Bromoform (**)	0.50429	0.60460	0.61022	0.65200	0.60475	0.59517	9.162

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 04-OCT-2000 11:03
End Cal Date : 04-OCT-2000 14:02
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.M
Cal Date : 04-Oct-2000 14:38 ramirezr
Curve Type : Average

Compound	5.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	400.000 Level 5	RRF	% RSD
65 Isopropylbenzene	2.16093	1.77853	1.63308	1.69704	1.50228	1.75437	14.177
66 4-Bromofluorobenzene-2nd	1.38633	0.96008	0.91481	0.88148	0.83529	0.99560	22.413
68 Bromobenzene	0.97322	0.81419	0.79516	0.79465	0.77583	0.83061	9.736
69 1,1,2,2-Tetrachloroethane(**)	0.86119	0.87782	0.86053	0.88107	0.79556	0.85523	4.051
70 1,2,3-Trichloropropane	0.24961	0.28618	0.29412	0.29992	0.27068	0.28010	7.240
71 n-Propylbenzene	3.24646	2.64103	2.34579	2.48211	2.22479	2.58803	15.434
72 2-Chlorotoluene	0.80795	0.61548	0.57002	0.57617	0.55895	0.62571	16.634
73 4-Chlorotoluene	0.82249	0.63315	0.61419	0.60637	0.59101	0.65344	14.647
74 1,3,5-Trimethylbenzene	2.66372	2.06396	1.92638	1.95765	1.79762	2.08187	16.276
75 tert-Butylbenzene	2.78101	2.04294	1.99675	2.03108	1.90002	2.15036	16.601
76 1,2,4-Trimethylbenzene	2.72943	2.08667	1.94744	1.98397	1.85056	2.11961	16.570
77 sec-Butylbenzene	3.70928	2.64015	2.56433	2.69087	2.49613	2.82015	17.819
78 1,3-Dichlorobenzene	1.79289	1.36433	1.29870	1.28193	1.22768	1.39311	16.420
80 1,4-Dichlorobenzene	2.01764	1.51868	1.40361	1.38149	1.27809	1.51990	19.151
81 p-Isopropyltoluene	3.10069	2.23918	2.14397	2.19282	1.95813	2.32696	19.145
82 1,2-Dichlorobenzene	1.65290	1.33128	1.24129	1.24913	1.18707	1.33233	13.995
83 n-Butylbenzene	2.93693	2.04933	2.01283	2.13790	1.97285	2.22197	18.196
84 1,2-Dibromo-3-chloropropane	0.21950	0.28554	0.29548	0.32973	0.31911	0.28987	14.885
85 1,2,4-Trichlorobenzene	1.55777	1.16575	1.12259	1.18084	1.12556	1.23050	15.008
86 Hexachlorobutadiene	1.35428	0.59857	0.83650	0.99188	0.86515	0.92928	29.794
87 Napthalene	2.22236	1.85456	1.77051	1.87490	1.58582	1.86163	12.446
88 1,2,3-Trichlorobenzene	1.44052	1.11305	1.07399	1.08609	1.02754	1.14824	14.482
$ 29 Dibromofluoromethane	0.90589	0.68813	0.69096	0.67979	0.59121	0.71120	16.372
$ 33 1,2-Dichloroethane-d4	0.58784	0.49004	0.45006	0.46069	0.41159	0.48005	13.850
$ 47 Toluene-d8	1.62605	1.15229	1.06939	1.03497	0.90472	1.15748	23.905
$ 67 4-Bromofluorobenzene	1.85435	1.28372	1.23251	1.18164	1.09181	1.32880	22.743

Data File: \\SANP2021\D\chem\md.i\1004AD.B/DS2519.D
Report Date: 10/04/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2519.D
Analysis Type: SOIL

Injection Date: 04-OCT-2000 14:02
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.

COMPOUND	%RSD
Dichlorodifluoromethane	15.7
Chloromethane (**)	21.2
Vinyl chloride (*)	16.4
Bromomethane	24.9
Chloroethane	31.4
Trichlorofluoromethane	26.7
t-Butanol	10.8
Acrolein	16.1
1,1-Dichloroethene(*)	15.7
1,1,2-Trichlorotrifluoroethan	18.5
Acetone	13.1
Iodomethane	13.3
Carbon disulfide	18.0
Methylene chloride	9.7
trans-1,2-Dichloroethene	15.1
Acrylonitrile	11.2
Methyl-tert-butyl ether[MTBE]	7.8
1,1-Dichloroethane (**)	13.8
Vinyl acetate	10.5
Isopropyl ether	16.6
Tert-butyl ethyl ether	8.6
2,2-Dichloropropane	15.8
cis-1,2-Dichloroethene	9.0
2-Butanone	8.7
Bromochloromethane	4.6
Tetrahydrofuran	12.2
Chloroform (*)	12.1
1,2-Dichloroethene (total)	12.0
1,1,1-Trichloroethane	11.1
Dibromofluoromethane	16.3
Carbon Tetrachloride	11.1
1,1-Dichloropropene	16.8
1,2-Dichloroethane-d4 2nd	7.7
1,2-Dichloroethane-d4	13.8
Benzene	14.1
1,2-Dichloroethane	6.5
Tert-amyl methyl ether	6.3
Trichloroethene	10.1
1,2-Dichloropropane(*)	11.2

Data File: \\SANP2021\D\chem\md.i\1004AD.B/DS2519.D
Report Date: 10/04/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2519.D
Analysis Type: SOIL

Injection Date: 04-OCT-2000 14:02
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8

COMPOUND	%RSD
Dibromomethane	4.6
Bromodichloromethane	4.3
1-Bromo-2-chloroethane	3.9
2-Chloroethylvinyl ether	24.2
cis-1,3-Dichloropropene	6.6
4-Methyl-2-pentanone	9.3
Toluene-d8	23.9
Toluene (*)	14.0
trans-1,3-Dichloropropene	1.5
1,1,2-Trichloroethane	6.3
Tetrachloroethene	14.4
1,3-Dichloropropane	8.9
2-Hexanone	9.2
Dibromochloromethane	3.0
1,2-Dibromoethane	3.8
Chlorobenzene (**)	13.2
1,1,1,2-Tetrachloroethane	7.8
Ethylbenzene (*)	14.6
m,p-Xylenes	16.2
o-Xylene	11.9
Styrene	10.7
Xylenes (total)	14.8
Bromoform (**)	9.2
Isopropylbenzene	14.2
4-Bromofluorobenzene	22.7
4-Bromofluorobenzene-2nd	22.4
Bromobenzene	9.7
1,1,2,2-Tetrachloroethane(**)	4.1
1,2,3-Trichloropropane	7.2
n-Propylbenzene	15.4
2-Chlorotoluene	16.6
4-Chlorotoluene	14.6
1,3,5-Trimethylbenzene	16.3
tert-Butylbenzene	16.6
1,2,4-Trimethylbenzene	16.6
sec-Butylbenzene	17.8
1,3-Dichlorobenzene	16.4
p-Isopropyltoluene	19.1
1,4-Dichlorobenzene	19.2

Data File: \\SANP2021\D\chem\md.i\1004AD.B/DS2519.D
Report Date: 10/04/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2519.D
Analysis Type: SOIL

Injection Date: 04-OCT-2000 14:02
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8

COMPOUND	%RSD
1,2-Dichlorobenzene	14.0
n-Butylbenzene	18.2
1,2-Dibromo-3-chloropropane	14.9
1,2,4-Trichlorobenzene	15.0
Hexachlorobutadiene	29.8
Napthalene	12.4
1,2,3-Trichlorobenzene	14.5

GFB 10/5/00

The average of all %RSD's in the initial calibration is 13.4

10-5-00

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D
Lab Smp Id:
Inj Date : 04-OCT-2000 10:52
Operator : GFB
Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15
Quant Type: ISTD
Cal Date :
Cal File:
Als bottle: 2
QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.sub
Target Version: 4.00
Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb							CAS #: 460-00-4	
1.7935	1.8000	(0.000)	95	62048			0.00- 100.00	100.00
1.7935	1.8000	(0.000)	50	11463			15.00- 40.00	18.47
1.7935	1.8000	(0.000)	75	31461			30.00- 60.00	50.70
1.7935	1.8000	(0.000)	96	4101			5.00- 9.00	6.61
1.7935	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7935	1.8000	(0.000)	174	47797			50.00- 0.00	77.03
1.7935	1.8000	(0.000)	175	3672			5.00- 9.00	7.68
1.7935	1.8000	(0.000)	176	48202			95.00- 101.00	100.85
1.7935	1.8000	(0.000)	177	3549			5.00- 9.00	7.36

GFB 10/5/00

10-5-00

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D

Date : 04-OCT-2000 10:52

Client ID:

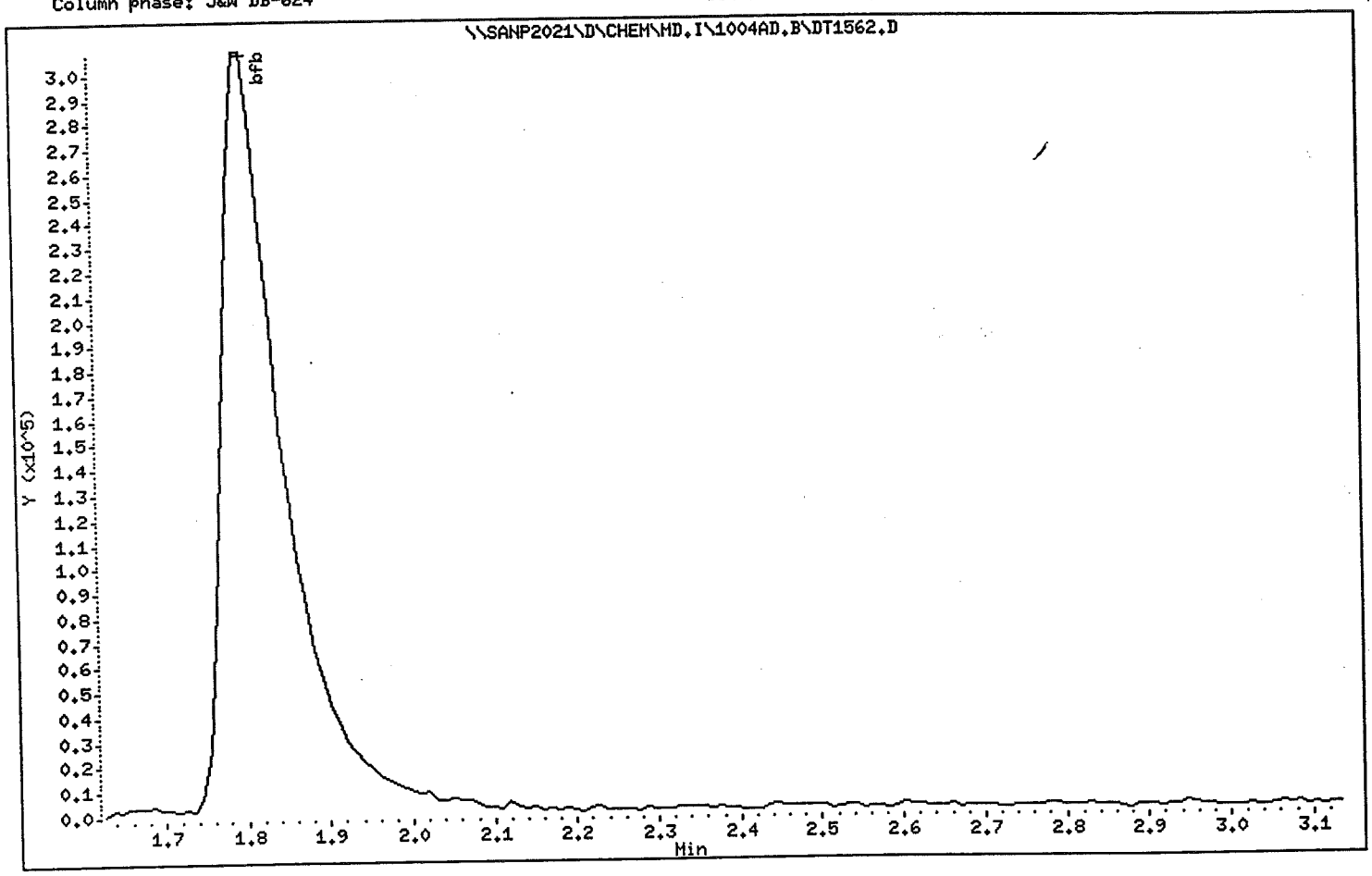
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D

Date : 04-OCT-2000 10:52

Client ID:

Instrument: md.i

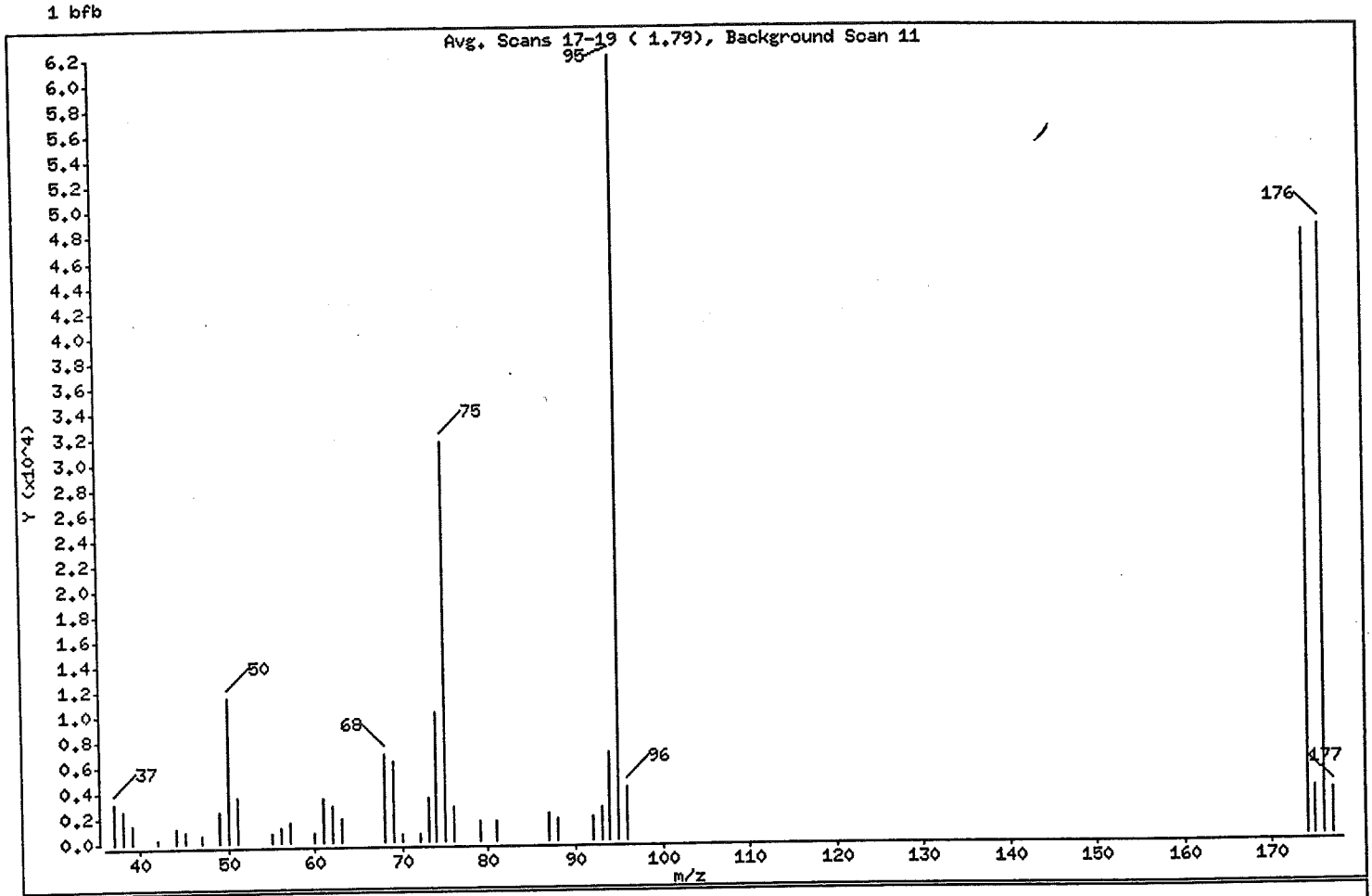
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.47
75	30.00 - 60.00% of mass 95	50.70
96	5.00 - 9.00% of mass 95	6.61
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	77.03
175	5.00 - 9.00% of mass 174	5.92 (7.68)
176	95.00 - 101.00% of mass 174	77.69 (100.85)
177	5.00 - 9.00% of mass 176	5.72 (7.36)

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DT1562.D

Date : 04-OCT-2000 10:52

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1562.D

Spectrum: Avg. Scans 17-19 (1.79), Background Scan 11

Location of Maximum: 95.00

Number of points: 38

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	3145	55.00	666	72.00	521	93.00	2579
38.00	2584	56.00	1182	73.00	3360	94.00	6853
39.00	1411	57.00	1567	74.00	10081	95.00	62048
42.00	287	60.00	715	75.00	31456	96.00	4101
44.00	1196	61.00	3402	76.00	2747	174.00	47792
45.00	899	62.00	2830	79.00	1527	175.00	3672
47.00	574	63.00	1878	81.00	1605	176.00	48200
49.00	2454	68.00	6835	87.00	2208	177.00	3549
50.00	11463	69.00	6333	88.00	1757		
51.00	3576	70.00	560	92.00	1903		

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2515.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.m
Misc Info: 1239-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 15:06

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1517570	758785	3035140	1480718	-2.43
56 Chlorobenzene-d5	1323085	661543	2646170	1259551	-4.80
79 1,4-Dichlorobenze	951881	475941	1903762	906122	-4.81

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.11	6.61	7.61	7.10	-0.13
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	0.00
79 1,4-Dichlorobenze	17.28	16.78	17.78	17.27	-0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2516.D
Lab Smp Id: 5 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1232-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1417011	-4.30
56 Chlorobenzene-d5	1259551	629776	2519102	1175348	-6.69
79 1,4-Dichlorobenze	906122	453061	1812244	811309	-10.46

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.11	0.15
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	0.00
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.28	0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2517.D
Lab Smp Id: 20 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1232-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1516137	2.39
56 Chlorobenzene-d5	1259551	629776	2519102	1294709	2.79
79 1,4-Dichlorobenze	906122	453061	1812244	958076	5.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.11	0.13
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	-0.01
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.27	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2518.D
Lab Smp Id: 100 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1236-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1491260	0.71
56 Chlorobenzene-d5	1259551	629776	2519102	1294737	2.79
79 1,4-Dichlorobenze	906122	453061	1812244	951421	5.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.00
56 Chlorobenzene-d5	12.63	12.13	13.13	12.62	-0.08
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.27	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2519.D
Lab Smp Id: 400 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Misc Info: 1242-2;1236-1,,5,,1,all.SUB

Calibration Date: 04-OCT-2000
Calibration Time: 11:03

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1480718	740359	2961436	1499019	1.24
56 Chlorobenzene-d5	1259551	629776	2519102	1275234	1.25
79 1,4-Dichlorobenze	906122	453061	1812244	870677	-3.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.12	0.22
56 Chlorobenzene-d5	12.63	12.13	13.13	12.63	0.04
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.29	0.15

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1004AD.B\DS2515.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 04-OCT-2000 11:03
Operator : GFB
Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1239-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 15:31 ramirezr
Quant Type: ISTD
Cal Date : 04-OCT-2000 11:03
Cal File: DS2515.D
Als bottle: 1
Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	767205	50.0000	50.00
2 Vinyl chloride (*)	62	1.701	1.701	(0.240)	354141	50.0000	50.00
3 Chloromethane (**)	50	1.632	1.642	(0.230)	329265	50.0000	50.00
4 Bromomethane	94	1.977	1.976	(0.278)	353983	50.0000	50.00
5 Chloroethane	64	2.065	2.065	(0.291)	241819	50.0000	50.00
6 Trichlorofluoromethane	101	2.302	2.302	(0.324)	1156218	50.0000	50.00
7 Acrolein	56	2.706	2.705	(0.381)	198428	500.000	500.0(A)
8 1,1-Dichloroethene(*)	96	2.795	2.784	(0.394)	398355	50.0000	50.00
9 1,1,2-Trichlorotrifluoroethan	151	2.814	2.784	(0.396)	569780	50.0000	50.00
10 Acetone	43	2.873	2.883	(0.405)	421132	250.000	250.0
11 Iodomethane	142	2.942	2.952	(0.414)	1769379	100.000	100.0
12 Carbon disulfide	76	3.011	3.021	(0.424)	820343	50.0000	50.00
13 Methylene chloride	84	3.326	3.336	(0.469)	419595	50.0000	50.00
14 t-Butanol	59	2.578	2.568	(0.363)	246194	1250.00	1250

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.671	3.681	(0.517)	459847	50.0000	50.00
	16 Acrylonitrile	53	3.662	3.671	(0.516)	703011	500.000	500.0(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.711	3.711	(0.523)	1088650	50.0000	50.00
	18 1,1-Dichloroethane (**)	63	4.282	4.262	(0.603)	807241	50.0000	50.00
	19 Vinyl acetate	43	4.400	4.400	(0.620)	2151689	100.000	100.0
	20 Isopropyl ether	45	4.440	4.449	(0.625)	1394520	50.0000	50.00
	21 2,2-Dichloropropane	77	5.159	5.159	(0.727)	866195	50.0000	50.00
	22 Tert-butyl ethyl ether	59	5.011	5.031	(0.706)	1367197	50.0000	50.00
	23 cis-1,2-Dichloroethene	96	5.179	5.188	(0.729)	477036	50.0000	50.00
	24 2-Butanone	43	5.277	5.287	(0.743)	719605	250.000	250.0
	25 Bromochloromethane	128	5.563	5.563	(0.784)	327749	50.0000	50.00
	26 Chloroform (*)	83	5.731	5.730	(0.807)	1088102	50.0000	50.00
	27 Tetrahydrofuran	42	5.671	5.671	(0.799)	99775	50.0000	50.00
M	28 1,2-Dichloroethene (total)	100				936883	100.000	100.0
$	29 Dibromofluoromethane	111	5.997	5.996	(0.845)	1023120	50.0000	50.00
	30 1,1,1-Trichloroethane	97	5.977	5.976	(0.842)	1107247	50.0000	50.00
	31 Carbon Tetrachloride	117	6.253	6.252	(0.881)	1028936	50.0000	50.00
	32 1,1-Dichloropropene	75	6.263	6.262	(0.882)	753450	50.0000	50.00
$	33 1,2-Dichloroethane-d4	65	6.529	6.538	(0.920)	666407	50.0000	50.00
	34 1,2-Dichloroethane-d4 2nd	102	6.538	6.538	(0.921)	143755	50.0000	50.00
	35 Benzene	78	6.598	6.607	(0.929)	1213126	50.0000	50.00
	36 1,2-Dichloroethane	62	6.657	6.666	(0.938)	785052	50.0000	50.00
	37 Tert-amyl methyl ether	73	6.883	6.893	(0.969)	1332168	50.0000	50.00
*	38 Fluorobenzene	96	7.100	7.109	(1.000)	1480718	50.0000	
	39 Trichloroethene	130	7.750	7.750	(1.092)	657938	50.0000	50.00
	40 1,2-Dichloropropane(*)	63	8.125	8.124	(1.144)	495390	50.0000	50.00
	41 Dibromomethane	93	8.341	8.331	(1.175)	486222	50.0000	50.00
	42 Bromodichloromethane	83	8.657	8.656	(1.219)	1049801	50.0000	50.00
	43 1-Bromo-2-chloroethane	63	9.169	9.178	(1.291)	1204288	50.0000	50.00
	44 2-Chloroethylvinyl ether	106	9.267	9.267	(1.305)	141135	100.000	100.0
	45 cis-1,3-Dichloropropene	75	9.464	9.474	(1.333)	762286	50.0000	50.00
	46 4-Methyl-2-pentanone	43	9.819	9.829	(1.383)	1972475	250.000	250.0
$	47 Toluene-d8	98	9.928	9.927	(0.786)	1346953	50.0000	50.00
	48 Toluene (*)	91	10.036	10.045	(0.795)	1448324	50.0000	50.00
	49 trans-1,3-Dichloropropene	75	10.529	10.528	(0.834)	690258	50.0000	50.00
	50 1,1,2-Trichloroethane	97	10.844	10.834	(0.859)	502993	50.0000	50.00
	51 Tetrachloroethene	164	11.051	11.050	(0.875)	639884	50.0000	50.00
	52 1,3-Dichloropropane	76	11.129	11.129	(0.881)	778734	50.0000	50.00
	53 2-Hexanone	43	11.386	11.385	(0.902)	1447932	250.000	250.0
	54 Dibromochloromethane	129	11.543	11.553	(0.914)	955463	50.0000	50.00
	55 1,2-Dibromoethane	107	11.711	11.710	(0.927)	756935	50.0000	50.00
*	56 Chlorobenzene-d5	117	12.627	12.627	(1.000)	1259551	50.0000	
	57 Chlorobenzene (**)	112	12.676	12.676	(1.004)	1146006	50.0000	50.00
	58 1,1,1,2-Tetrachloroethane	131	12.863	12.863	(1.019)	732482	50.0000	50.00
	59 Ethylbenzene (*)	106	12.942	12.922	(1.025)	538149	50.0000	50.00
	60 m,p-Xylenes	106	13.179	13.178	(1.044)	1352178	100.000	100.0
	61 o-Xylene	106	13.928	13.937	(1.103)	667112	50.0000	50.00

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.977	13.976	(1.107)	1117023	50.0000	50.00
M	63 Xylenes (total)	100				2019291	150.000	150.0
	64 Bromoform (**)	173	14.282	14.282	(1.131)	768600	50.0000	50.00
	65 Isopropylbenzene	105	14.686	14.696	(1.163)	2056943	50.0000	50.00
	66 4-Bromofluorobenzene-2nd	174	14.962	14.962	(0.866)	828930	50.0000	50.00
$	67 4-Bromofluorobenzene	95	14.962	14.962	(0.866)	1116801	50.0000	50.00
	68 Bromobenzene	156	15.198	15.208	(0.880)	720512	50.0000	50.00
	69 1,1,2,2-Tetrachloroethane(**)	83	15.346	15.346	(0.889)	779747	50.0000	50.00
	70 1,2,3-Trichloropropane	110	15.366	15.376	(0.890)	266511	50.0000	50.00
	71 n-Propylbenzene	91	15.514	15.513	(0.898)	2125571	50.0000	50.00
	72 2-Chlorotoluene	126	15.622	15.632	(0.905)	516505	50.0000	50.00
	73 4-Chlorotoluene	126	15.849	15.848	(0.918)	556532	50.0000	50.00
	74 1,3,5-Trimethylbenzene	105	15.908	15.898	(0.921)	1745535	50.0000	50.00
	75 tert-Butylbenzene	119	16.529	16.528	(0.957)	1809296	50.0000	50.00
	76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	1764617	50.0000	50.00
	77 sec-Butylbenzene	105	16.972	16.981	(0.983)	2323599	50.0000	50.00
	78 1,3-Dichlorobenzene	146	17.139	17.129	(0.993)	1176780	50.0000	50.00
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.277	(1.000)	906122	50.0000	
	80 1,4-Dichlorobenzene	146	17.317	17.316	(1.003)	1271838	50.0000	50.00
	81 p-Isopropyltoluene	119	17.307	17.316	(1.002)	1942698	50.0000	50.00
	82 1,2-Dichlorobenzene	146	18.046	18.055	(1.045)	1124761	50.0000	50.00
	83 n-Butylbenzene	91	18.134	18.144	(1.050)	1823873	50.0000	50.00
	84 1,2-Dibromo-3-chloropropane	157	19.681	19.691	(1.140)	267739	50.0000	50.00
	85 1,2,4-Trichlorobenzene	180	21.376	21.395	(1.238)	1017200	50.0000	50.00
	86 Hexachlorobutadiene	225	21.809	21.819	(1.263)	757970	50.0000	50.00
	87 Napthalene	128	21.849	21.858	(1.265)	1604295	50.0000	50.00
	88 1,2,3-Trichlorobenzene	180	22.371	22.371	(1.296)	973166	50.0000	50.00

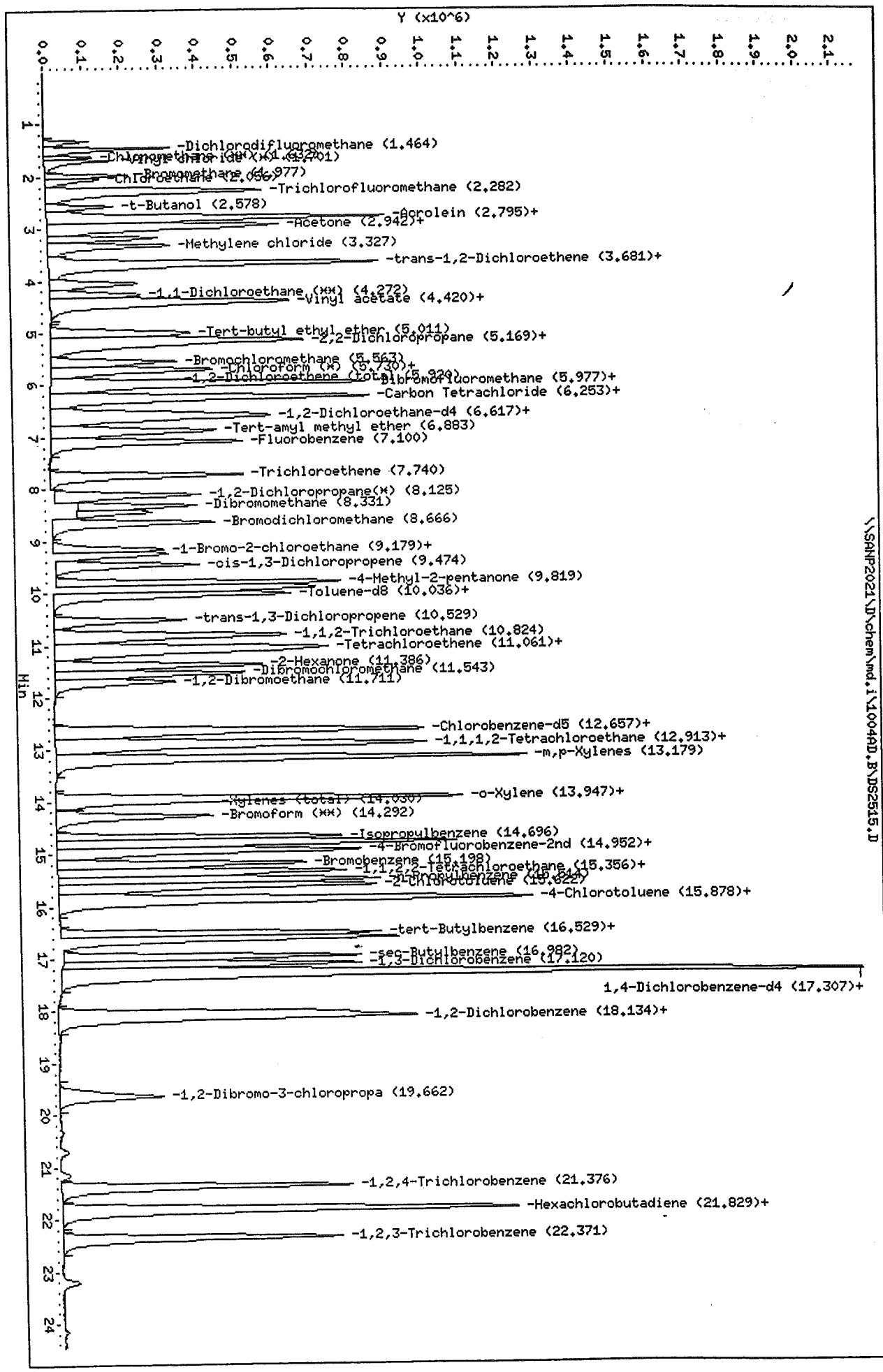
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2021\D\chem\md.i\1004AD.B\DS2515.D
Date : 04-OCT-2000 11:03
Client ID:
Sample Info: 50 PPB 8260B STD,,,3,0,,,8260BDA.M

Column phase: J&W DB-624

Instrument: md.i
Operator: CFB
Column diameter: 0.53



000416

BOE-C6-0158835

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2516.D
Lab Smp Id: 5 PPB 8260B STD
Inj Date : 04-OCT-2000 12:26
Operator : GFB Inst ID: md.i
Smp Info : 5 PPB 8260B STD,,,1,0,,,8260BDA.M
Misc Info : 1242-2;1232-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 12:51 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.475	1.464	(0.207)	73905	5.00000	4.63(a)
2 Vinyl chloride (*)	62	1.702	1.701	(0.239)	37687	5.00000	4.38(aQ)
3 Chloromethane (**)	50	1.633	1.632	(0.230)	34259	5.00000	4.30(aQ)
4 Bromomethane	94	1.977	1.977	(0.278)	42259	5.00000	7.08
5 Chloroethane	64	2.066	2.065	(0.291)	27255	5.00000	5.52
6 Trichlorofluoromethane	101	2.303	2.302	(0.324)	129771	5.00000	6.96
7 Acrolein	56	2.697	2.706	(0.379)	14020	50.0000	59.18
8 1,1-Dichloroethene(*)	96	2.805	2.795	(0.394)	50163	5.00000	6.48
9 1,1,2-Trichlorotrifluoroethan	151	2.815	2.814	(0.396)	85384	5.00000	7.12
10 Acetone	43	2.874	2.873	(0.404)	42319	25.0000	18.81
11 Iodomethane	142	2.963	2.942	(0.417)	177659	10.0000	11.99
12 Carbon disulfide	76	3.012	3.011	(0.424)	117776	5.00000	5.60
13 Methylene chloride	84	3.347	3.326	(0.471)	47222	5.00000	5.74
14 t-Butanol	59	2.578	2.578	(0.363)	30340	125.000	129.8(aQ)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.672	3.671	(0.516)	58282	5.00000	6.40
	16 Acrylonitrile	53	3.652	3.662	(0.514)	54894	50.0000	37.62
	17 Methyl-tert-butyl ether[MTBE]	73	3.731	3.711	(0.525)	117287	5.00000	5.30
	18 1,1-Dichloroethane (**)	63	4.273	4.282	(0.601)	98591	5.00000	5.74(Q)
	19 Vinyl acetate	43	4.421	4.400	(0.622)	230394	10.0000	9.18
	20 Isopropyl ether	45	4.450	4.440	(0.626)	172550	5.00000	5.10
	21 2,2-Dichloropropane	77	5.189	5.159	(0.730)	110244	5.00000	6.43(Q)
	22 Tert-butyl ethyl ether	59	5.032	5.011	(0.708)	150370	5.00000	5.09
	23 cis-1,2-Dichloroethene	96	5.199	5.179	(0.731)	53869	5.00000	5.75
	24 2-Butanone	43	5.288	5.277	(0.744)	73561	25.0000	17.97
	25 Bromochloromethane	128	5.564	5.563	(0.782)	30540	5.00000	5.28
	26 Chloroform (*)	83	5.731	5.731	(0.806)	124183	5.00000	6.10
	27 Tetrahydrofuran	42	5.682	5.671	(0.799)	6886	5.00000	2.49(aQ)
M	28 1,2-Dichloroethene (total)	100				112151	10.0000	12.15
$	29 Dibromofluoromethane	111	5.997	5.997	(0.843)	128365	5.00000	6.69
	30 1,1,1-Trichloroethane	97	5.977	5.977	(0.841)	127715	5.00000	6.28(Q)
	31 Carbon Tetrachloride	117	6.263	6.253	(0.881)	121640	5.00000	6.44
	32 1,1-Dichloropropene	75	6.263	6.263	(0.881)	98170	5.00000	5.84
$	33 1,2-Dichloroethane-d4	65	6.529	6.529	(0.918)	83298	5.00000	5.89
	34 1,2-Dichloroethane-d4 2nd	102	6.549	6.538	(0.921)	15804	5.00000	5.24
	35 Benzene	78	6.608	6.598	(0.929)	148064	5.00000	5.64
	36 1,2-Dichloroethane	62	6.657	6.657	(0.936)	82159	5.00000	5.29(Q)
	37 Tert-amyl methyl ether	73	6.894	6.883	(0.970)	136240	5.00000	4.92(aQ)
*	38 Fluorobenzene	96	7.110	7.100	(1.000)	1417011	50.0000	
	39 Trichloroethene	130	7.731	7.750	(1.087)	77560	5.00000	5.90
	40 1,2-Dichloropropane(*)	63	8.145	8.125	(1.145)	58127	5.00000	5.11
	41 Dibromomethane	93	8.332	8.341	(1.172)	45147	5.00000	4.73(a)
	42 Bromodichloromethane	83	8.677	8.657	(1.220)	107977	5.00000	5.26
	43 1-Bromo-2-chloroethane	63	9.160	9.169	(1.288)	107197	5.00000	4.58(aQ)
	44 2-Chloroethylvinyl ether	106	9.268	9.267	(1.303)	7223	10.0000	4.76(aQ)
	45 cis-1,3-Dichloropropene	75	9.475	9.464	(1.333)	85102	5.00000	4.96(a)
	46 4-Methyl-2-pentanone	43	9.820	9.819	(1.381)	174163	25.0000	15.43
$	47 Toluene-d8	98	9.928	9.928	(0.786)	191118	5.00000	7.34
	48 Toluene (*)	91	10.046	10.036	(0.796)	177581	5.00000	6.44
	49 trans-1,3-Dichloropropene	75	10.539	10.529	(0.835)	64980	5.00000	4.80(a)
	50 1,1,2-Trichloroethane	97	10.844	10.844	(0.859)	51520	5.00000	5.68
	51 Tetrachloroethene	164	11.051	11.051	(0.875)	80815	5.00000	7.22
	52 1,3-Dichloropropane	76	11.140	11.129	(0.882)	83698	5.00000	5.47
	53 2-Hexanone	43	11.406	11.386	(0.903)	118726	25.0000	16.52
	54 Dibromochloromethane	129	11.544	11.543	(0.914)	85290	5.00000	5.57
	55 1,2-Dibromoethane	107	11.721	11.711	(0.928)	71144	5.00000	5.20(Q)
*	56 Chlorobenzene-d5	117	12.628	12.627	(1.000)	1175348	50.0000	
	57 Chlorobenzene (**)	112	12.667	12.676	(1.003)	141197	5.00000	6.52
	58 1,1,1,2-Tetrachloroethane	131	12.874	12.863	(1.020)	78259	5.00000	6.42
	59 Ethylbenzene (*)	106	12.943	12.942	(1.025)	67288	5.00000	6.44
	60 m,p-Xylenes	106	13.169	13.179	(1.043)	171072	10.0000	13.05
	61 o-Xylene	106	13.928	13.928	(1.103)	77994	5.00000	6.06

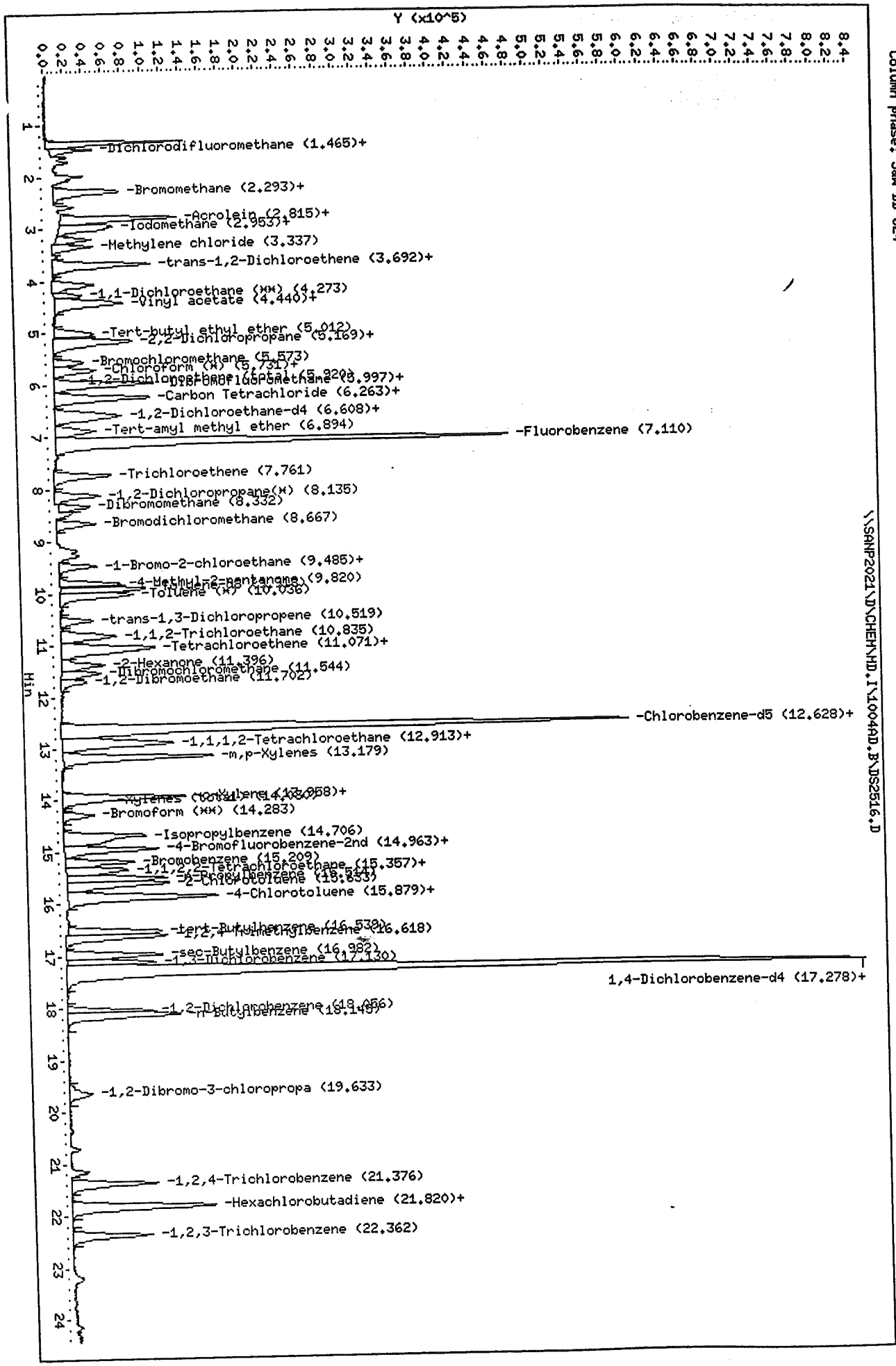
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
62 Styrene	104	13.968	13.977	(1.106)	127973	5.00000	6.09
M 63 Xylenes (total)	100				249067	15.0000	19.11
64 Bromoform (**)	173	14.283	14.282	(1.131)	59272	5.00000	4.62(aQ)
65 Isopropylbenzene	105	14.687	14.686	(1.163)	253985	5.00000	6.42
66 4-Bromofluorobenzene-2nd	174	14.963	14.962	(0.866)	112474	5.00000	7.27
$ 67 4-Bromofluorobenzene	95	14.972	14.962	(0.867)	150445	5.00000	6.72
68 Bromobenzene	156	15.209	15.198	(0.880)	78958	5.00000	6.23
69 1,1,2,2-Tetrachloroethane(**)	83	15.337	15.346	(0.888)	69869	5.00000	4.50(aQ)
70 1,2,3-Trichloropropane	110	15.376	15.366	(0.890)	20251	5.00000	4.12(aQ)
71 n-Propylbenzene	91	15.514	15.514	(0.898)	263388	5.00000	6.10
72 2-Chlorotoluene	126	15.633	15.622	(0.905)	65550	5.00000	6.68
73 4-Chlorotoluene	126	15.859	15.849	(0.918)	66729	5.00000	6.57
74 1,3,5-Trimethylbenzene	105	15.899	15.908	(0.920)	216110	5.00000	6.40
75 tert-Butylbenzene	119	16.549	16.529	(0.958)	225626	5.00000	6.48
76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	221441	5.00000	6.45
77 sec-Butylbenzene	105	16.982	16.972	(0.983)	300937	5.00000	6.32
78 1,3-Dichlorobenzene	146	17.130	17.139	(0.991)	145459	5.00000	6.73
* 79 1,4-Dichlorobenzene-d4	152	17.278	17.267	(1.000)	811309	50.0000	(Q)
80 1,4-Dichlorobenzene	146	17.307	17.317	(1.002)	163693	5.00000	7.05
81 p-Isopropyltoluene	119	17.317	17.307	(1.002)	251562	5.00000	6.66
82 1,2-Dichlorobenzene	146	18.046	18.046	(1.044)	134101	5.00000	6.49
83 n-Butylbenzene	91	18.145	18.134	(1.050)	238276	5.00000	6.30
84 1,2-Dibromo-3-chloropropane	157	19.682	19.681	(1.139)	12752	5.00000	2.48(aQ)
85 1,2,4-Trichlorobenzene	180	21.386	21.376	(1.238)	126383	5.00000	6.76
86 Hexachlorobutadiene	225	21.820	21.809	(1.263)	109874	5.00000	7.68
87 Napthalene	128	21.859	21.849	(1.265)	180302	5.00000	5.68
88 1,2,3-Trichlorobenzene	180	22.362	22.371	(1.294)	116871	5.00000	6.66

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\SANF2021\D\CHEM\MD.I\1004AD.B\DS2516.D
Date : 04-OCT-2000 12:26
Client ID:
Sample Info: 5 PPB 8260B STD,,1,0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



000420

BOE-C6-0158839

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2517.D
Lab Smp Id: 20 PPB 8260B STD
Inj Date : 04-OCT-2000 12:58
Operator : GFB
Inst ID: md.i
Smp Info : 20 PPB 8260B STD,,,2,0,,,8260BDA.M
Misc Info : 1242-2;1232-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 13:23 ramirezr
Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13
Cal File: DS2468.D
Als bottle: 3
Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	258783	20.0000	15.15
2 Vinyl chloride (*)	62	1.700	1.701	(0.239)	121781	20.0000	13.23
3 Chloromethane (**)	50	1.631	1.632	(0.229)	107882	20.0000	12.66
4 Bromomethane	94	1.976	1.977	(0.278)	133699	20.0000	20.93
5 Chloroethane	64	2.065	2.065	(0.290)	86592	20.0000	16.38
6 Trichlorofluoromethane	101	2.301	2.302	(0.324)	470507	20.0000	23.59
7 Acrolein	56	2.705	2.706	(0.381)	80044	200.000	315.8(AQ)
8 1,1-Dichloroethene(*)	96	2.794	2.795	(0.393)	171955	20.0000	20.77
9 1,1,2-Trichlorotrifluoroethan	151	2.813	2.814	(0.396)	298071	20.0000	23.24
10 Acetone	43	2.882	2.873	(0.405)	179610	100.000	74.63
11 Iodomethane	142	2.942	2.942	(0.414)	628417	40.0000	39.63
12 Carbon disulfide	76	3.011	3.011	(0.423)	370158	20.0000	16.46
13 Methylene chloride	84	3.336	3.326	(0.469)	170800	20.0000	19.41
14 t-Butanol	59	2.577	2.578	(0.363)	104758	500.000	419.0(Q)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
15 trans-1,2-Dichloroethene	96	3.680	3.671	(0.518)	194759	20.0000	19.98
16 Acrylonitrile	53	3.671	3.662	(0.516)	266981	200.000	171.0(A)
17 Methyl-tert-butyl ether[MTBE]	73	3.720	3.711	(0.523)	469376	20.0000	19.82
18 1,1-Dichloroethane (**)	63	4.262	4.282	(0.599)	336670	20.0000	18.31
19 Vinyl acetate	43	4.410	4.400	(0.620)	889540	40.0000	33.13
20 Isopropyl ether	45	4.439	4.440	(0.624)	583802	20.0000	16.13
21 2,2-Dichloropropane	77	5.158	5.159	(0.726)	359891	20.0000	19.61
22 Tert-butyl ethyl ether	59	5.020	5.011	(0.706)	561518	20.0000	17.77
23 cis-1,2-Dichloroethene	96	5.168	5.179	(0.727)	202596	20.0000	20.22
24 2-Butanone	43	5.267	5.277	(0.741)	283318	100.000	64.69
25 Bromochloromethane	128	5.562	5.563	(0.782)	140769	20.0000	22.77
26 Chloroform (*)	83	5.730	5.731	(0.806)	425720	20.0000	19.54
27 Tetrahydrofuran	42	5.690	5.671	(0.800)	36788	20.0000	12.45
M 28 1,2-Dichloroethene (total)	100				397356	40.0000	40.20
$ 29 Dibromofluoromethane	111	5.986	5.997	(0.842)	417322	20.0000	20.32
30 1,1,1-Trichloroethane	97	5.966	5.977	(0.839)	454173	20.0000	20.87
31 Carbon Tetrachloride	117	6.252	6.253	(0.879)	448454	20.0000	22.18
32 1,1-Dichloropropene	75	6.252	6.263	(0.879)	337523	20.0000	18.78
$ 33 1,2-Dichloroethane-d4	65	6.528	6.529	(0.918)	297190	20.0000	19.65
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.538	(0.917)	59979	20.0000	18.58
35 Benzene	78	6.607	6.598	(0.929)	515623	20.0000	18.36
36 1,2-Dichloroethane	62	6.646	6.657	(0.935)	330696	20.0000	19.90
37 Tert-amyl methyl ether	73	6.902	6.883	(0.971)	524093	20.0000	17.68
* 38 Fluorobenzene	96	7.109	7.100	(1.000)	1516137	50.0000	
39 Trichloroethene	130	7.750	7.750	(1.090)	283465	20.0000	20.15
40 1,2-Dichloropropane(*)	63	8.134	8.125	(1.144)	210985	20.0000	17.34
41 Dibromomethane	93	8.321	8.341	(1.170)	202525	20.0000	19.82
42 Bromodichloromethane	83	8.666	8.657	(1.219)	430970	20.0000	19.62
43 1-Bromo-2-chloroethane	63	9.168	9.169	(1.290)	488171	20.0000	19.50(Q)
44 2-Chloroethylvinyl ether	106	9.277	9.267	(1.305)	54342	40.0000	33.45(Q)
45 cis-1,3-Dichloropropene	75	9.474	9.464	(1.333)	323283	20.0000	17.61
46 4-Methyl-2-pentanone	43	9.819	9.819	(1.381)	827567	100.000	68.54
$ 47 Toluene-d8	98	9.927	9.928	(0.786)	596754	20.0000	20.80
48 Toluene (*)	91	10.055	10.036	(0.796)	635253	20.0000	20.90
49 trans-1,3-Dichloropropene	75	10.528	10.529	(0.834)	289823	20.0000	19.45
50 1,1,2-Trichloroethane	97	10.843	10.844	(0.859)	212856	20.0000	21.31
51 Tetrachloroethene	164	11.050	11.051	(0.875)	292404	20.0000	23.71
52 1,3-Dichloropropane	76	11.129	11.129	(0.881)	336242	20.0000	19.94
53 2-Hexanone	43	11.375	11.386	(0.901)	591298	100.000	74.68
54 Dibromochloromethane	129	11.552	11.543	(0.915)	386202	20.0000	22.88
55 1,2-Dibromoethane	107	11.700	11.711	(0.927)	327240	20.0000	21.74
* 56 Chlorobenzene-d5	117	12.626	12.627	(1.000)	1294709	50.0000	
57 Chlorobenzene (**)	112	12.676	12.676	(1.004)	511009	20.0000	21.43
58 1,1,1,2-Tetrachloroethane	131	12.863	12.863	(1.019)	308754	20.0000	22.99
59 Ethylbenzene (*)	106	12.942	12.942	(1.025)	233173	20.0000	20.26
60 m,p-Xylenes	106	13.168	13.179	(1.043)	613661	40.0000	42.50
61 o-Xylene	106	13.927	13.928	(1.103)	294072	20.0000	20.73

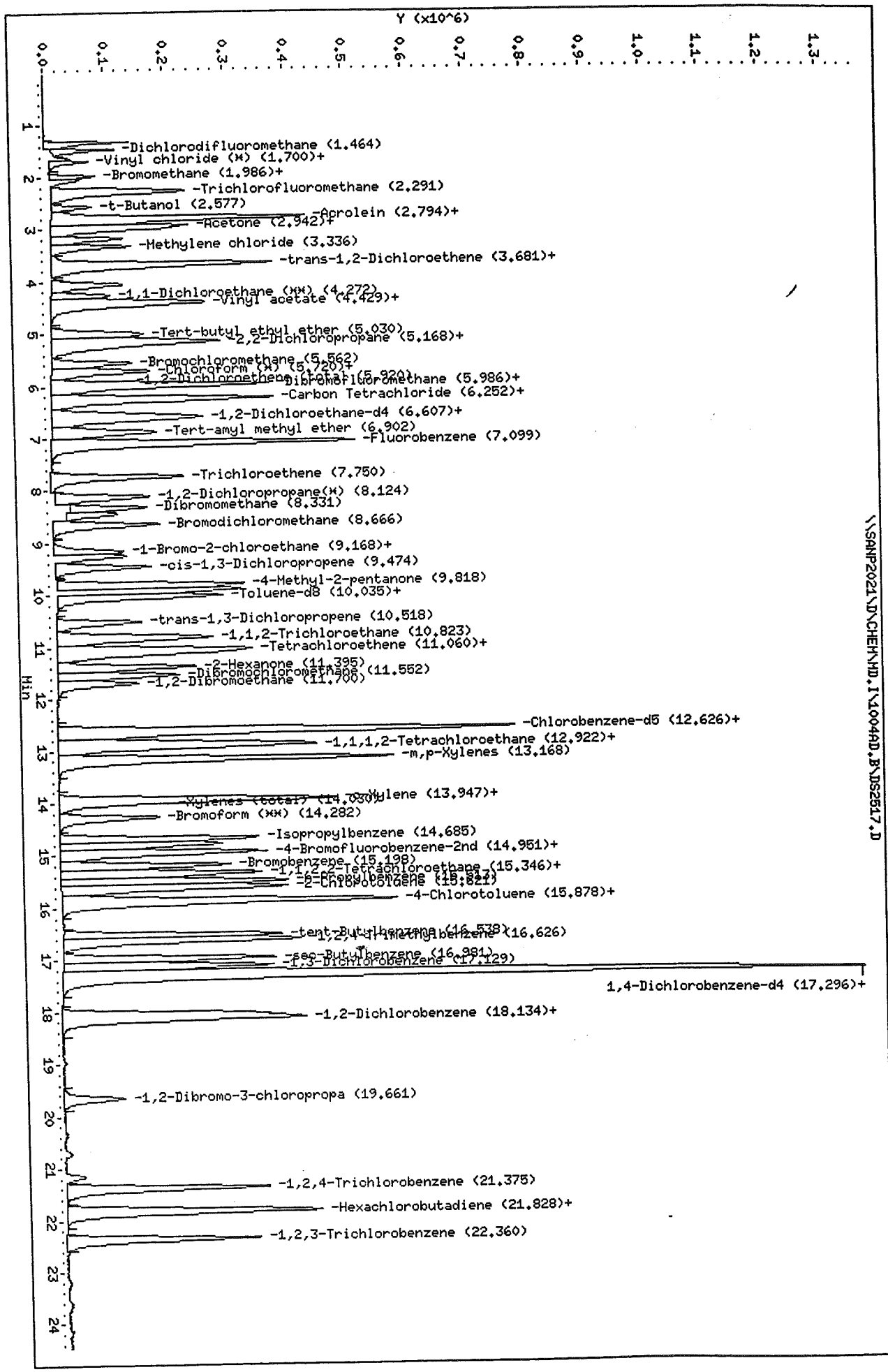
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)	
	62 Styrene	104	13.976	13.977	(1.107)	475476	20.0000	20.55	
M	63 Xylenes (total)	100				907733	60.0000	63.23	
	64 Bromoform (**)	173	14.282	14.282	(1.131)	313113	20.0000	22.17	
	65 Isopropylbenzene	105	14.685	14.686	(1.163)	921074	20.0000	21.12	
	66 4-Bromofluorobenzene-2nd	174	14.971	14.962	(0.867)	367930	20.0000	20.13	
$	67 4-Bromofluorobenzene	95	14.951	14.962	(0.866)	491961	20.0000	18.61	
	68 Bromobenzene	156	15.208	15.198	(0.881)	312021	20.0000	20.86	
	69 1,1,2,2-Tetrachloroethane(**)	83	15.346	15.346	(0.889)	336407	20.0000	18.33	
	70 1,2,3-Trichloropropane	110	15.365	15.366	(0.890)	109671	20.0000	18.91	
	71 n-Propylbenzene	91	15.513	15.514	(0.898)	1012123	20.0000	19.84	
	72 2-Chlorotoluene	126	15.621	15.622	(0.905)	235869	20.0000	20.35	
	73 4-Chlorotoluene	126	15.858	15.849	(0.918)	242643	20.0000	20.23	
	74 1,3,5-Trimethylbenzene	105	15.907	15.908	(0.921)	790973	20.0000	19.83	
	75 tert-Butylbenzene	119	16.538	16.529	(0.958)	782917	20.0000	19.05	
	76 1,2,4-Trimethylbenzene	105	16.636	16.637	(0.963)	799675	20.0000	19.74	
	77 sec-Butylbenzene	105	16.981	16.972	(0.983)	1011785	20.0000	18.01	
	78 1,3-Dichlorobenzene	146	17.129	17.139	(0.992)	522853	20.0000	20.49	
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	958076	50.0000		(Q)
	80 1,4-Dichlorobenzene	146	17.316	17.317	(1.003)	582004	20.0000	21.24	
	81 p-Isopropyltoluene	119	17.316	17.307	(1.003)	858120	20.0000	19.24	
	82 1,2-Dichlorobenzene	146	18.055	18.046	(1.046)	510187	20.0000	20.91	
	83 n-Butylbenzene	91	18.134	18.134	(1.050)	785365	20.0000	17.60	
	84 1,2-Dibromo-3-chloropropane	157	19.661	19.681	(1.139)	108932	20.0000	17.94	
	85 1,2,4-Trichlorobenzene	180	21.375	21.376	(1.238)	446750	20.0000	20.23	
	86 Hexachlorobutadiene	225	21.799	21.809	(1.262)	229391	20.0000	13.58	
	87 Napthalene	128	21.858	21.849	(1.266)	710724	20.0000	18.97	
	88 1,2,3-Trichlorobenzene	180	22.370	22.371	(1.296)	426554	20.0000	20.59	

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2517.D
Date : 04-OCT-2000 12:58
Client ID:
Sample Info: 20 PPB 8260B STD,,,2.0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2518.D
Lab Smp Id: 100 PPB 8260B STD
Inj Date : 04-OCT-2000 13:30
Operator : GFB
Inst ID: md.i
Smp Info : 100 PPB 8260B STD,,,4,0,,,8260BDA.M
Misc Info : 1242-2;1236-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 13:54 ramirezr
Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13
Cal File: DS2468.D
Als bottle: 4
Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	1182860	100.000	70.42
2 Vinyl chloride (*)	62	1.701	1.701	(0.240)	578280	100.000	63.88
3 Chloromethane (**)	50	1.632	1.632	(0.230)	479222	100.000	57.17
4 Bromomethane	94	1.967	1.977	(0.277)	563071	100.000	89.61
5 Chloroethane	64	2.075	2.065	(0.292)	370858	100.000	71.31
6 Trichlorofluoromethane	101	2.292	2.302	(0.323)	2108883	100.000	107.5
7 Acrolein	56	2.706	2.706	(0.381)	458196	1000.00	1838(AQ)
8 1,1-Dichloroethene(*)	96	2.795	2.795	(0.394)	795112	100.000	97.63
9 1,1,2-Trichlorotrifluoroethan	151	2.804	2.814	(0.395)	1400689	100.000	111.0
10 Acetone	43	2.883	2.873	(0.406)	840131	500.000	354.9
11 Iodomethane	142	2.942	2.942	(0.414)	3155298	200.000	202.3(A)
12 Carbon disulfide	76	3.002	3.011	(0.423)	1800512	100.000	81.40
13 Methylene chloride	84	3.336	3.326	(0.470)	804538	100.000	92.97
14 t-Butanol	59	2.578	2.578	(0.363)	505286	2500.00	2055

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.671	3.671	(0.517)	918791	100.000	95.81
	16 Acrylonitrile	53	3.671	3.662	(0.517)	1379992	1000.00	898.8(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.721	3.711	(0.524)	2257430	100.000	96.90
	18 1,1-Dichloroethane (**)	63	4.272	4.282	(0.602)	1554131	100.000	85.93
	19 Vinyl acetate	43	4.401	4.400	(0.620)	4206743	200.000	159.3(A)
	20 Isopropyl ether	45	4.450	4.440	(0.627)	2693254	100.000	75.66
	21 2,2-Dichloropropane	77	5.169	5.159	(0.728)	1700232	100.000	94.17
	22 Tert-butyl ethyl ether	59	5.021	5.011	(0.707)	2695756	100.000	86.73
	23 cis-1,2-Dichloroethene	96	5.189	5.179	(0.731)	959336	100.000	97.35
	24 2-Butanone	43	5.287	5.277	(0.745)	1484478	500.000	344.6
	25 Bromochloromethane	128	5.563	5.563	(0.784)	658187	100.000	108.2
	26 Chloroform (*)	83	5.731	5.731	(0.807)	2125474	100.000	99.17
	27 Tetrahydrofuran	42	5.691	5.671	(0.802)	194736	100.000	66.98(Q)
M	28 1,2-Dichloroethene (total)	100				1878127	200.000	193.2
$	29 Dibromofluoromethane	111	5.997	5.997	(0.845)	2029350	100.000	100.4
	30 1,1,1-Trichloroethane	97	5.987	5.977	(0.843)	2222790	100.000	103.8
	31 Carbon Tetrachloride	117	6.253	6.253	(0.881)	2132540	100.000	107.2
	32 1,1-Dichloropropene	75	6.263	6.263	(0.882)	1508103	100.000	85.32
$	33 1,2-Dichloroethane-d4	65	6.529	6.529	(0.920)	1374028	100.000	92.36
	34 1,2-Dichloroethane-d4 2nd	102	6.529	6.538	(0.920)	279989	100.000	88.17
	35 Benzene	78	6.598	6.598	(0.929)	2402162	100.000	86.98
	36 1,2-Dichloroethane	62	6.657	6.657	(0.938)	1592559	100.000	97.43
	37 Tert-amyl methyl ether	73	6.893	6.883	(0.971)	2632176	100.000	90.30
*	38 Fluorobenzene	96	7.100	7.100	(1.000)	1491260	50.0000	
	39 Trichloroethene	130	7.750	7.750	(1.092)	1351103	100.000	97.64
	40 1,2-Dichloropropane(*)	63	8.125	8.125	(1.144)	979235	100.000	81.84
	41 Dibromomethane	93	8.332	8.341	(1.173)	991088	100.000	98.62
	42 Bromodichloromethane	83	8.657	8.657	(1.219)	2153547	100.000	99.69
	43 1-Bromo-2-chloroethane	63	9.169	9.169	(1.291)	2426608	100.000	98.57
	44 2-Chloroethylvinyl ether	106	9.277	9.267	(1.307)	305260	200.000	191.0(AQ)
	45 cis-1,3-Dichloropropene	75	9.474	9.464	(1.334)	1613170	100.000	89.34
	46 4-Methyl-2-pentanone	43	9.819	9.819	(1.383)	4309220	500.000	362.8
$	47 Toluene-d8	98	9.928	9.928	(0.787)	2680028	100.000	93.41
	48 Toluene (*)	91	10.046	10.036	(0.796)	2989433	100.000	98.35
	49 trans-1,3-Dichloropropene	75	10.529	10.529	(0.834)	1477645	100.000	99.16
	50 1,1,2-Trichloroethane	97	10.854	10.844	(0.860)	1033450	100.000	103.4
	51 Tetrachloroethene	164	11.061	11.051	(0.877)	1368097	100.000	110.9
	52 1,3-Dichloropropane	76	11.130	11.129	(0.882)	1653540	100.000	98.08
	53 2-Hexanone	43	11.386	11.386	(0.902)	3177686	500.000	401.4
	54 Dibromochloromethane	129	11.553	11.543	(0.916)	1954323	100.000	115.8
	55 1,2-Dibromoethane	107	11.721	11.711	(0.929)	1645144	100.000	109.3
*	56 Chlorobenzene-d5	117	12.617	12.627	(1.000)	1294737	50.0000	
	57 Chlorobenzene (**)	112	12.676	12.676	(1.005)	2450446	100.000	102.8
	58 1,1,1,2-Tetrachloroethane	131	12.873	12.863	(1.020)	1525186	100.000	113.6
	59 Ethylbenzene (*)	106	12.933	12.942	(1.025)	1153745	100.000	100.2
	60 m,p-Xylenes	106	13.169	13.179	(1.044)	2802289	200.000	194.1
	61 o-Xylene	106	13.928	13.928	(1.104)	1378141	100.000	97.15

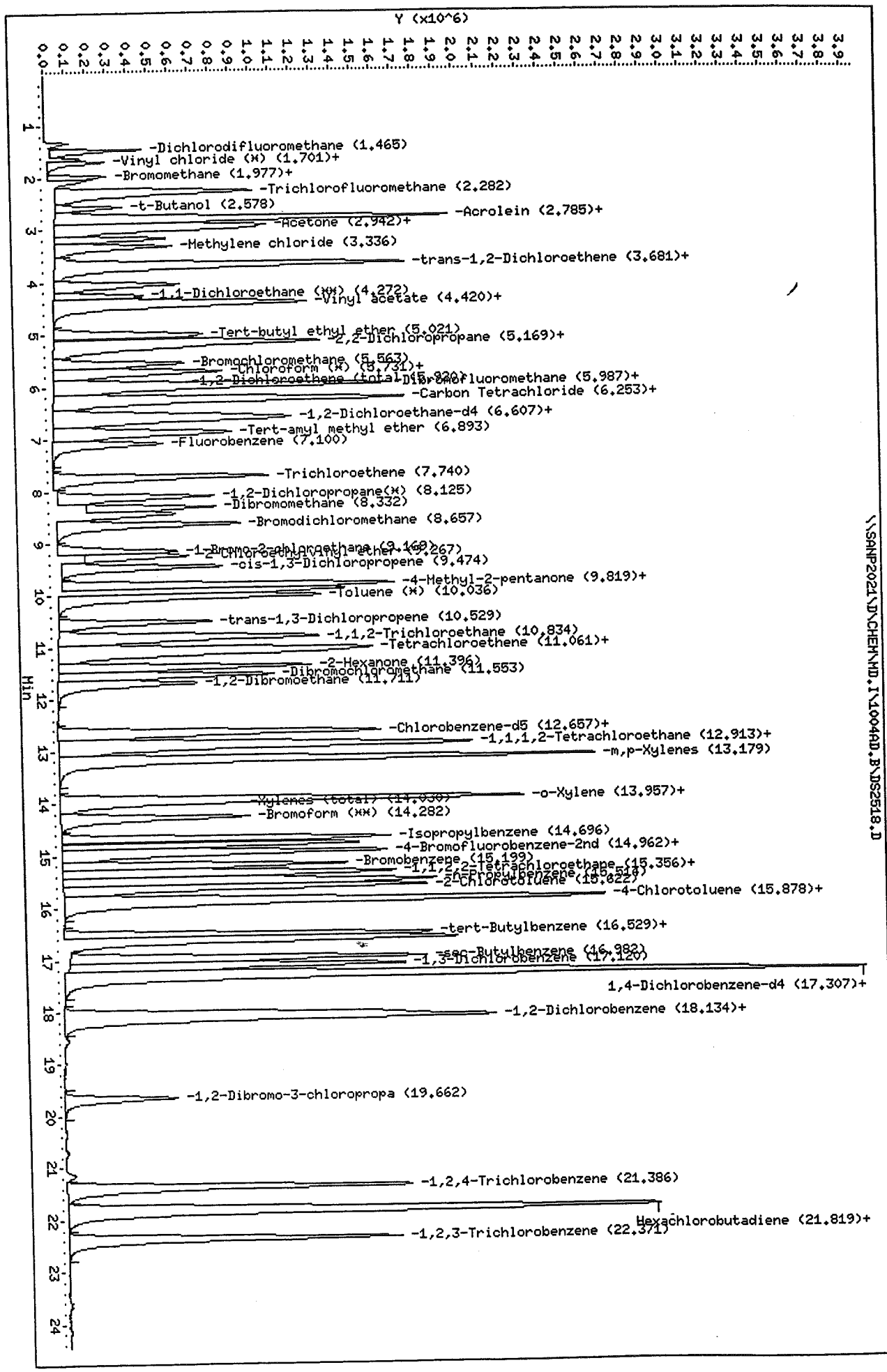
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.967	13.977	(1.107)	2345211	100.000	101.3
M	63 Xylenes (total)	100				4180431	300.000	291.2
	64 Bromoform (**)	173	14.282	14.282	(1.132)	1688328	100.000	119.5
	65 Isopropylbenzene	105	14.696	14.686	(1.165)	4394439	100.000	100.8
	66 4-Bromofluorobenzene-2nd	174	14.962	14.962	(0.866)	1677326	100.000	92.42
$	67 4-Bromofluorobenzene	95	14.952	14.962	(0.866)	2248466	100.000	85.66
	68 Bromobenzene	156	15.208	15.198	(0.881)	1512084	100.000	101.8
	69 1,1,2,2-Tetrachloroethane(**)	83	15.346	15.346	(0.889)	1676532	100.000	92.00
	70 1,2,3-Trichloropropane	110	15.366	15.366	(0.890)	570699	100.000	99.10
	71 n-Propylbenzene	91	15.524	15.514	(0.899)	4723061	100.000	93.24
	72 2-Chlorotoluene	126	15.632	15.622	(0.905)	1096359	100.000	95.27
	73 4-Chlorotoluene	126	15.859	15.849	(0.918)	1153822	100.000	96.87
	74 1,3,5-Trimethylbenzene	105	15.898	15.908	(0.921)	3725098	100.000	94.06
	75 tert-Butylbenzene	119	16.529	16.529	(0.957)	3864815	100.000	94.72
	76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	3782955	100.000	94.02
	77 sec-Butylbenzene	105	16.982	16.972	(0.983)	5114656	100.000	91.66
	78 1,3-Dichlorobenzene	146	17.130	17.139	(0.992)	2439319	100.000	96.27
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	951421	50.0000	
	80 1,4-Dichlorobenzene	146	17.317	17.317	(1.003)	2628748	100.000	96.61
	81 p-Isopropyltoluene	119	17.307	17.307	(1.002)	4172583	100.000	94.19
	82 1,2-Dichlorobenzene	146	18.046	18.046	(1.045)	2376905	100.000	98.10
	83 n-Butylbenzene	91	18.144	18.134	(1.051)	4068085	100.000	91.81
	84 1,2-Dibromo-3-chloropropane	157	19.662	19.681	(1.139)	627411	100.000	104.0
	85 1,2,4-Trichlorobenzene	180	21.376	21.376	(1.238)	2246956	100.000	102.5
	86 Hexachlorobutadiene	225	21.809	21.809	(1.263)	1887392	100.000	112.5
	87 Napthalene	128	21.849	21.849	(1.265)	3567639	100.000	95.89
	88 1,2,3-Trichlorobenzene	180	22.371	22.371	(1.296)	2066653	100.000	100.4

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2518.D
Date : 04-OCT-2000 13:30
Client ID:
Sample Info: 100 PPB 8260B STD,,,4,0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2519.D
Lab Smp Id: 400 PPB 8260B STD
Inj Date : 04-OCT-2000 14:02
Operator : GFB
Inst ID: md.i
Smp Info : 400 PPB 8260B STD,,,5,0,,,8260BDA.M
Misc Info : 1242-2;1236-1,,5,,1,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1004AD.B\8260BDA.m
Meth Date : 04-Oct-2000 14:26 ramirezr
Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02
Cal File: DS2519.D
Als bottle: 5
Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.460	1.460	(0.205)	4427300	400.000	330.8
2 Vinyl chloride (*)	62	1.696	1.696	(0.238)	2165028	400.000	334.2
3 Chloromethane (**)	50	1.637	1.637	(0.230)	1773666	400.000	311.2
4 Bromomethane	94	1.972	1.972	(0.277)	1831634	400.000	277.9
5 Chloroethane	64	2.071	2.071	(0.291)	904548	400.000	216.1
6 Trichlorofluoromethane	101	2.317	2.317	(0.326)	4819682	400.000	224.4
7 Acrolein	56	2.731	2.731	(0.384)	1808424	4000.00	4506(A)
8 1,1-Dichloroethene(*)	96	2.780	2.780	(0.391)	2817859	400.000	333.7
9 1,1,2-Trichlorotrifluoroethan	151	2.780	2.780	(0.391)	4817468	400.000	341.8
10 Acetone	43	2.928	2.928	(0.412)	2627031	2000.00	1580
11 Iodomethane	142	2.938	2.938	(0.413)	10609244	800.000	652.0(A)
12 Carbon disulfide	76	2.987	2.987	(0.420)	6510057	400.000	344.7
13 Methylene chloride	84	3.342	3.342	(0.470)	3148490	400.000	367.0
14 t-Butanol	59	2.603	2.603	(0.366)	2217620	10000.0	10190(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.667	3.667	(0.515)	3389956	400.000	346.0
	16 Acrylonitrile	53	3.706	3.706	(0.521)	4580584	4000.00	3588(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.746	3.746	(0.526)	7998078	400.000	354.7
	18 1,1-Dichloroethane (**)	63	4.288	4.288	(0.603)	5963806	400.000	353.4
	19 Vinyl acetate	43	4.426	4.426	(0.622)	15041545	800.000	691.2(A)
	20 Isopropyl ether	45	4.475	4.475	(0.629)	9830728	400.000	336.8
	21 2,2-Dichloropropane	77	5.155	5.155	(0.724)	6348951	400.000	346.5
	22 Tert-butyl ethyl ether	59	5.046	5.046	(0.709)	10082779	400.000	361.2
	23 cis-1,2-Dichloroethene	96	5.194	5.194	(0.730)	3595693	400.000	361.7
	24 2-Butanone	43	5.302	5.302	(0.745)	4887068	2000.00	1698
	25 Bromochloromethane	128	5.578	5.578	(0.784)	2452050	400.000	373.8
	26 Chloroform (*)	83	5.756	5.756	(0.809)	7624737	400.000	347.3
	27 Tetrahydrofuran	42	5.716	5.716	(0.803)	626911	400.000	360.0
M	28 1,2-Dichloroethene (total)	100				6985650	800.000	707.8
$	29 Dibromofluoromethane	111	6.012	6.012	(0.845)	7086327	400.000	332.4
	30 1,1,1-Trichloroethane	97	5.982	5.982	(0.841)	8036048	400.000	351.4
	31 Carbon Tetrachloride	117	6.248	6.248	(0.878)	7678851	400.000	351.0
	32 1,1-Dichloropropene	75	6.268	6.268	(0.881)	5425363	400.000	333.1
$	33 1,2-Dichloroethane-d4	65	6.544	6.544	(0.920)	4930543	400.000	342.6
	35 Benzene	78	6.593	6.593	(0.927)	8671325	400.000	340.8
	36 1,2-Dichloroethane	62	6.672	6.672	(0.938)	5782627	400.000	361.0
	37 Tert-amyl methyl ether	73	6.908	6.908	(0.971)	9695149	400.000	366.1
*	38 Fluorobenzene	96	7.115	7.115	(1.000)	1499019	50.0000	
	39 Trichloroethene	130	7.756	7.756	(1.090)	5090253	400.000	363.3
	40 1,2-Dichloropropane(*)	63	8.140	8.140	(1.144)	3702276	400.000	357.0
	41 Dibromomethane	93	8.347	8.347	(1.173)	3573473	400.000	369.9
	42 Bromodichloromethane	83	8.662	8.662	(1.217)	8124657	400.000	378.4
	43 1-Bromo-2-chloroethane	63	9.184	9.184	(1.291)	9044102	400.000	382.6
	44 2-Chloroethylvinyl ether	106	9.293	9.293	(1.306)	1207448	800.000	917.6(A)
	45 cis-1,3-Dichloropropene	75	9.480	9.480	(1.332)	6143604	400.000	379.2
	46 4-Methyl-2-pentanone	43	9.844	9.844	(1.384)	13596112	2000.00	1743
$	47 Toluene-d8	98	9.953	9.953	(0.788)	9223539	400.000	312.5
	48 Toluene (*)	91	10.071	10.071	(0.797)	10893724	400.000	349.6
	49 trans-1,3-Dichloropropene	75	10.534	10.534	(0.834)	5700884	400.000	400.6(A)
	50 1,1,2-Trichloroethane	97	10.859	10.859	(0.860)	3753767	400.000	365.1
	51 Tetrachloroethene	164	11.066	11.066	(0.876)	4952743	400.000	350.0
	52 1,3-Dichloropropane	76	11.155	11.155	(0.883)	5662155	400.000	349.8
	53 2-Hexanone	43	11.411	11.411	(0.903)	10063033	2000.00	1788
	54 Dibromochloromethane	129	11.568	11.568	(0.916)	7186781	400.000	381.9
	55 1,2-Dibromoethane	107	11.726	11.726	(0.928)	5903928	400.000	379.2
*	56 Chlorobenzene-d5	117	12.632	12.632	(1.000)	1275234	50.0000	
	57 Chlorobenzene (**)	112	12.682	12.682	(1.004)	8861585	400.000	353.6
	58 1,1,1,2-Tetrachloroethane	131	12.879	12.879	(1.019)	5483825	400.000	362.0
	59 Ethylbenzene (*)	106	12.948	12.948	(1.025)	4047488	400.000	346.2
	60 m,p-Xylenes	106	13.184	13.184	(1.044)	9828874	800.000	669.1
	61 o-Xylene	106	13.943	13.943	(1.104)	4987983	400.000	351.5
	62 Styrene	104	13.992	13.992	(1.108)	8382608	400.000	355.6

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
M 63 Xylenes (total)	100				14816858	1200.00	1020
64 Bromoform (**)	173	14.297	14.297	(1.132)	6169596	400.000	406.4(A)
65 Isopropylbenzene	105	14.701	14.701	(1.164)	15328199	400.000	342.6
66 4-Bromofluorobenzene-2nd	174	14.977	14.977	(0.866)	5818130	400.000	335.6
$ 67 4-Bromofluorobenzene	95	14.967	14.967	(0.866)	7604911	400.000	328.6
68 Bromobenzene	156	15.224	15.224	(0.880)	5403998	400.000	373.6
69 1,1,2,2-Tetrachloroethane(**)	83	15.352	15.352	(0.888)	5541441	400.000	372.1
70 1,2,3-Trichloropropane	110	15.391	15.391	(0.890)	1885390	400.000	386.5
71 n-Propylbenzene	91	15.539	15.539	(0.899)	15496581	400.000	343.8
72 2-Chlorotoluene	126	15.647	15.647	(0.905)	3891382	400.000	357.2
73 4-Chlorotoluene	126	15.864	15.864	(0.917)	4118669	400.000	361.9
74 1,3,5-Trimethylbenzene	105	15.923	15.923	(0.921)	12521178	400.000	345.4
75 tert-Butylbenzene	119	16.544	16.544	(0.957)	13234421	400.000	353.4
76 1,2,4-Trimethylbenzene	105	16.652	16.652	(0.963)	12840754	400.000	348.1
77 sec-Butylbenzene	105	16.997	16.997	(0.983)	17391237	400.000	354.1
78 1,3-Dichlorobenzene	146	17.145	17.145	(0.991)	8551308	400.000	352.5
* 79 1,4-Dichlorobenzene-d4	152	17.293	17.293	(1.000)	870677	50.0000	
80 1,4-Dichlorobenzene	146	17.342	17.342	(1.003)	8902406	400.000	336.4
81 p-Isopropyltoluene	119	17.332	17.332	(1.002)	13639178	400.000	336.6
82 1,2-Dichlorobenzene	146	18.061	18.061	(1.044)	8268402	400.000	356.4
83 n-Butylbenzene	91	18.150	18.150	(1.050)	13741724	400.000	355.2
84 1,2-Dibromo-3-chloropropane	157	19.667	19.667	(1.137)	2222731	400.000	440.3(A)
85 1,2,4-Trichlorobenzene	180	21.381	21.381	(1.236)	7839974	400.000	365.9
86 Hexachlorobutadiene	225	21.815	21.815	(1.262)	6026143	400.000	372.4
87 Napthalene	128	21.864	21.864	(1.264)	11053243	400.000	340.9
88 1,2,3-Trichlorobenzene	180	22.376	22.376	(1.294)	7159560	400.000	358.0

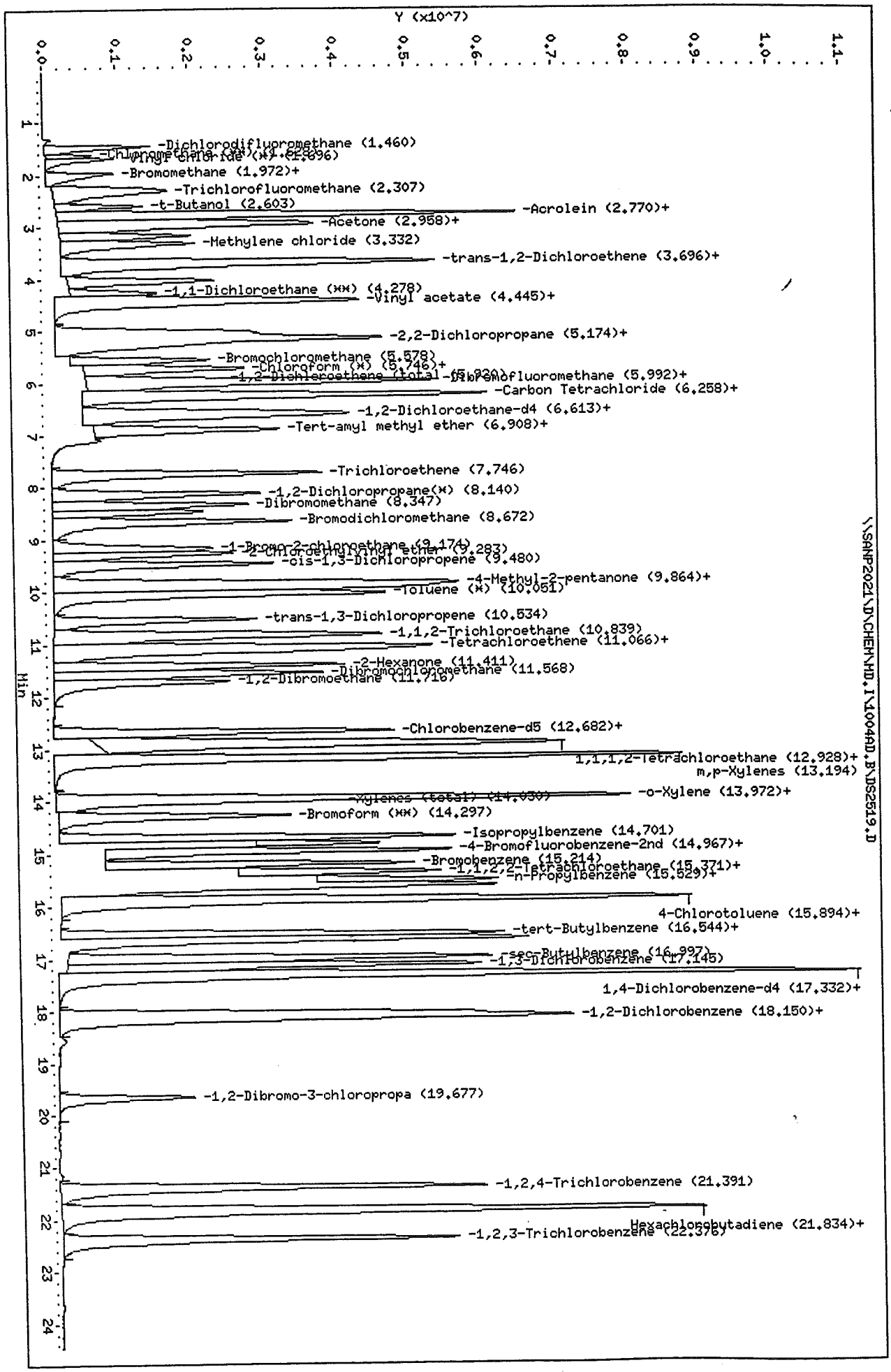
QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\SANP2021\D\CHEM\MD.I\1004AD.B\DS2519.D
Date : 04-OCT-2000 14:02
Client ID:
Sample Info: 400 PPB 8260B STD,,,5,0,,,8260BDA.M

Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



8260B SAMPLE / QC DATA

DATE ANALYZED: 10-26-2020

INSTRUMENT ID: MC

SAMPLES: LOI 290371

Batch ID: 6677550

GC/MS VOA Run Log

FJK 10/14/00

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSC	EM Set: 1600	Tune File: BFB.U	Seq File: 10/2/BC
Init. Cal ID: 8260BCC 9-27-2000			Date: 10/2/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
19:08	AD	CT1187	50ng BFB			1µ			✓			MSVOA1198-1
19:21		CS 2020	10ppb 8260B	1	L	25ML	1.0	194	✓			S1237-2; S1238-1; S1D1237-1
20:00		CO 9401	LCS 1002BC	2				196	✓			OC1235-2
20:30		02	MB 1002BC	3				183	✓			
21:00		03	DLC9D101	3				187			2	EOI290371-47
21:30		04	DLD1C101	4				188			↓	EOI300160 8
22:00		05	DLC1L101	5				182			7	EOI 290341-6
22:30		06	DLC1H101	6		500µ	50.0	175	N	✓	↓	200µ Toluen-BD -4
23:00		07	DLD0E103	7		25ML	1.0	205	N	✓	2	1ML EOI 300157-5
23:29		08	DLD0C103	4		10ML	2.5	198	✓	✓		High BFB -3
23:59		09	DLD1G101	5		25ML	1.0		N	✓		High BFB EOI 300160-1
0:29		10	DLD1A101	6				192	N	✓		" -2
0:59		11	DLD1C101	7				189	N	✓		" -3
1:28		12	DLD1E101	8		500µ	50.0	183	N	✓		" -4
1:58		13	DLD1H101	9		10ML	2.5	171	N	✓		" -5
2:28		14	DLD1J101	10		↓	↓	184	N	✓		" -6
2:58		15	DLD1K101	11		25ML	1.0	187	N	✓		" -7
3:27		16	DLD0C103	12		10ML	2.5	122	N	✓		Loopage EOI 300157 -3
3:57		17	DLD0E103	13		1ML	25	180	N	✓		-5
4:27		18	DLC1H101	14		250µ	100	181	N	✓		EOI 290341 6
4:56		19	DLCXW103	15		5µ	5000	184	N	✓		10µ EOI 300156 -1
5:26		20	DLC1L102S	16		25ML	1.0	191	✓		7	EOI 290341-6 MS
5:56		21	DLC1L103D	1		↓	↓	197	✓		↓	↓ MSD
6:26		22	DLD00103	2		25µ	1000	176	✓		2	EOI 300156 -2
6:55	↓	CO94 23	DLD01103	3	↓	500µ	50.0	188	✓		↓	-3

000434

BOE-C6-0158853

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA94223

Lab File ID (Standard): CS2020 Date Analyzed: 10/02/00

Instrument ID: MC Time Analyzed: 1921

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1943155	8.01	1352641	13.48	794589	18.12
	UPPER LIMIT	3886310	8.51	2705282	13.98	1589178	18.62
	LOWER LIMIT	971578	7.51	676321	12.98	397295	17.62
	EPA SAMPLE NO.						
01	C09401	1960208	8.02	1348465	13.48	790862	18.12
02	C09402	1830366	8.01	1323610	13.49	752630	18.12
03	C09403	1877314	8.02	1344578	13.48	734466	18.13
04	C09404	1889607	8.01	1382902	13.48	791292	18.12
05	C09405	1825978	8.00	1335167	13.48	772690	18.13
06	C09406	1751827	8.01	1254613	13.48	762736	18.12
07	C09407	2056610	8.01	1454398	13.48	820737	18.11
08	C09408	1988212	8.01	1443868	13.47	815743	18.11
09	C09409	1936378	8.01	1394890	13.48	812662	18.11
10	C09410	1927238	8.01	1439137	13.47	816674	18.11
11	C09411	1899795	8.01	1408664	13.48	808211	18.12
12	C09412	1837922	8.01	1294020	13.47	737939	18.11
13	C09413	1715813	8.01	1252553	13.47	718150	18.11
14	C09414	1844502	8.01	1319460	13.48	761449	18.12
15	C09415	1874698	8.02	1389946	13.48	805260	18.11
16	C09416	1220878	8.02	745420	13.48	375843*	18.11
17	C09417	1805344	8.01	1307532	13.48	744365	18.11
18	C09418	1811961	8.01	1352462	13.48	779755	18.11
19	C09419	1841284	8.01	1352543	13.48	780976	18.12
20	C09420	1911297	8.01	1386563	13.47	840400	18.11
21	C09421	1972838	8.01	1420277	13.48	843900	18.11
22	C09422	1767697	8.01	1281604	13.48	736117	18.11

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA94223

Lab File ID (Standard): CS2020 Date Analyzed: 10/02/00

Instrument ID: MC Time Analyzed: 1921

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1943155	8.01	1352641	13.48	794589	18.12
	UPPER LIMIT	3886310	8.51	2705282	13.98	1589178	18.62
	LOWER LIMIT	971578	7.51	676321	12.98	397295	17.62
	EPA SAMPLE NO.						
01	C09423	1888957	8.01	1347729	13.48	770294	18.12
02							
03							
04							
05							
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07							
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14							
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17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

STL Los Angeles

Data file : \\SANP2010\D\CHEM\MC.I\1002BC.B\CT1187.D
Lab Smp Id:
Inj Date : 02-OCT-2000 19:08
Operator : AD Inst ID: mc.i
Smp Info : 50NG BFB,BFB,,,,,,BFB.M
Misc Info : ,,,,3,ALL.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1002BC.B\BFB.M
Meth Date : 23-May-2000 08:08 kentf Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

JD
10/2/2000

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 p-Bromofluorobenzene						CAS #: 460-00-4		
2.1359	2.1000	(0.000)	95	85994			0.00- 100.00	100.00
2.1359	2.1000	(0.000)	50	17757			15.00- 40.00	20.65
2.1359	2.1000	(0.000)	75	42517			30.00- 60.00	49.44
2.1359	2.1000	(0.000)	96	6375			5.00- 9.00	7.41
2.1359	2.1000	(0.000)	173	0			0.00- 2.00	0.00
2.1359	2.1000	(0.000)	174	73066			50.00- 0.00	84.97
2.1359	2.1000	(0.000)	175	5737			5.00- 9.00	7.85
2.1359	2.1000	(0.000)	176	71064			95.00- 101.00	97.26
2.1359	2.1000	(0.000)	177	5211			5.00- 9.00	7.33

Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\CT1187.D

Date : 02-OCT-2000 19:08

Client ID:

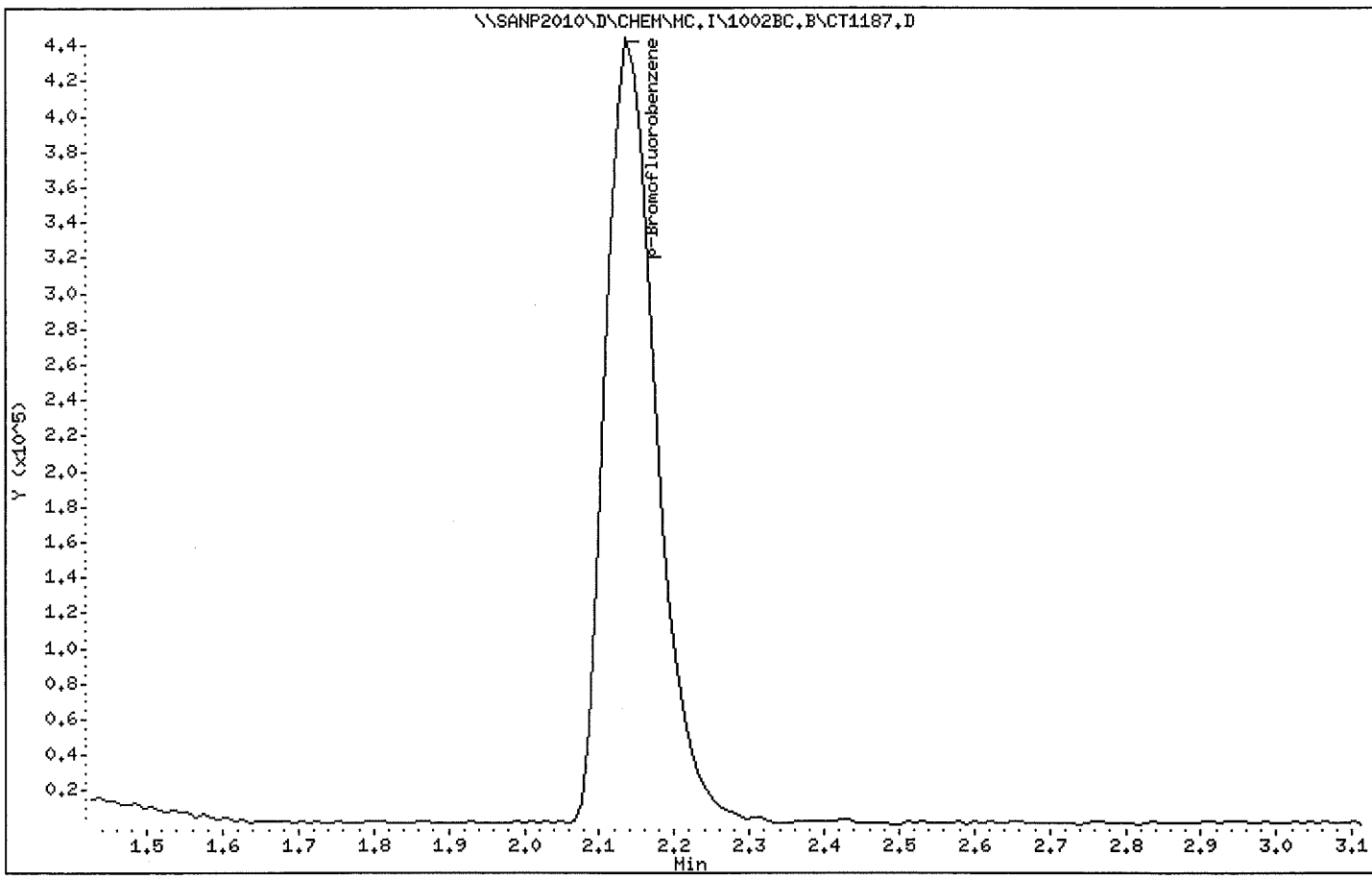
Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\CT1187.D

Date : 02-OCT-2000 19:08

Client ID:

Instrument: mc.i

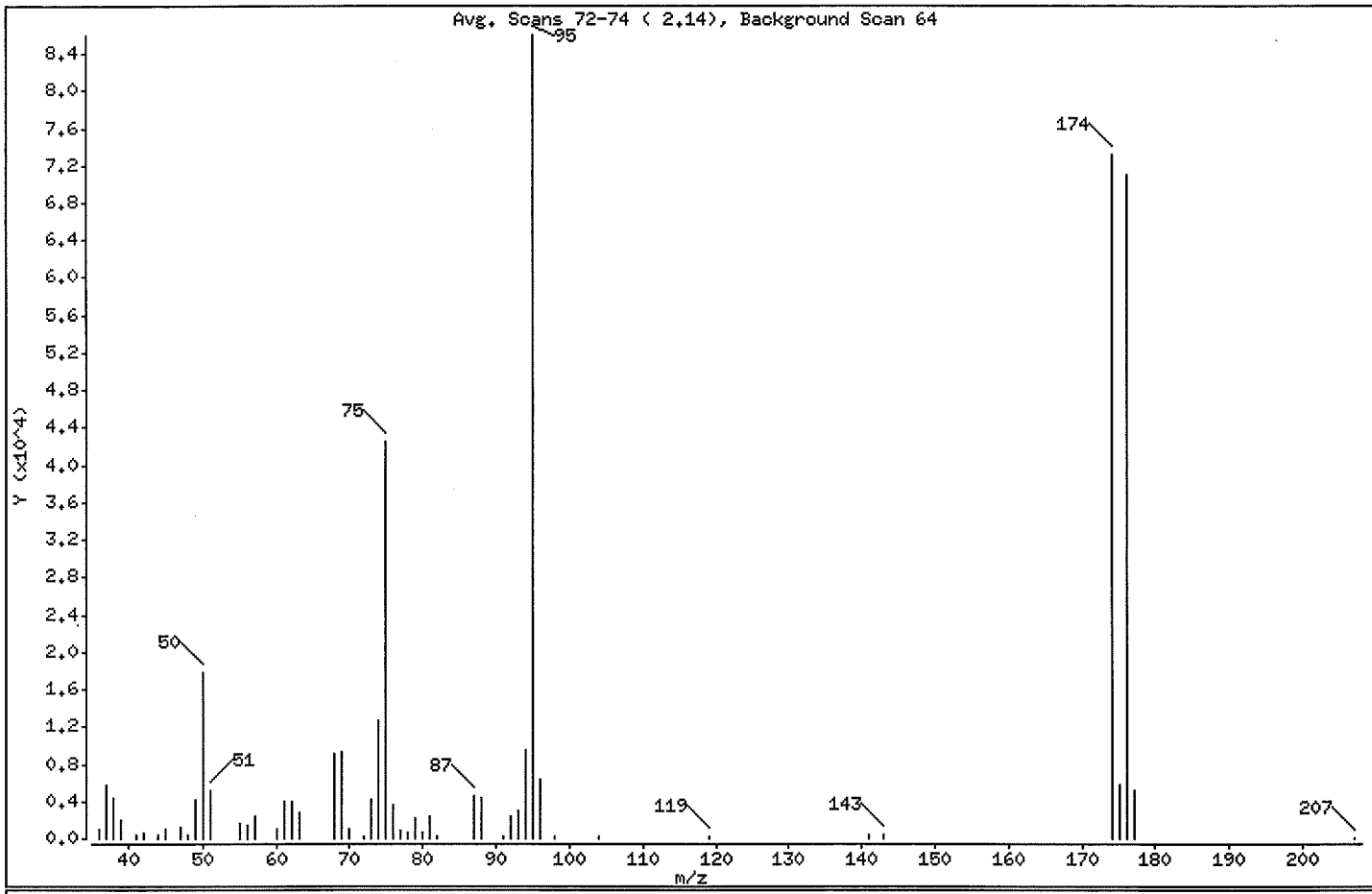
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 p-Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.65
75	30.00 - 60.00% of mass 95	49.44
96	5.00 - 9.00% of mass 95	7.41
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	84.97
175	5.00 - 9.00% of mass 174	6.67 (7.85)
176	95.00 - 101.00% of mass 174	82.64 (97.26)
177	5.00 - 9.00% of mass 176	6.06 (7.33)

Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\CT1187.D

Date : 02-OCT-2000 19:08

Client ID:

Instrument: mc.i

Sample Info: 50NG BFB,BFB,,,,,,BFB.M

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: CT1187.D
Spectrum: Avg. Scans 72-74 (2.14), Background Scan 64
Location of Maximum: 95.00
Number of points: 52

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	952	56.00	1301	77.00	774	98.00	177
37.00	5826	57.00	2453	78.00	584	104.00	182
38.00	4266	60.00	944	79.00	2085	119.00	181
39.00	2059	61.00	3920	80.00	675	141.00	399
41.00	367	62.00	3875	81.00	2322	143.00	427
42.00	688	63.00	2762	82.00	172	174.00	73064
44.00	403	68.00	9123	87.00	4631	175.00	5737
45.00	951	69.00	9199	88.00	4259	176.00	71064
47.00	1259	70.00	977	91.00	191	177.00	5211
48.00	333	72.00	249	92.00	2363	207.00	34
49.00	4138	73.00	4220	93.00	3058		
50.00	17752	74.00	12696	94.00	9531		
51.00	5080	75.00	42512	95.00	85992		
55.00	1499	76.00	3616	96.00	6375		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 02-OCT-2000 19:21
Lab File ID: CS2020.D Init. Cal. Date(s): 27-SEP-2000 27-SEP-2000
Analysis Type: WATER Init. Cal. Times: 17:29 19:58
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m

AM
10/2/00

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.36231	0.28291	0.010	-21.9	50.0	
	2 Chloromethane (**)	0.20387	0.19178	0.100	-5.9	50.0	
	3 Vinyl chloride (*)	0.23608	0.23119	0.010	-2.1	20.0	
	4 Bromomethane	0.18303	0.22707	0.010	24.1	50.0	
	5 Chloroethane	0.14594	0.15737	0.010	7.8	50.0	
	6 Trichlorofluoromethane	0.53727	0.58406	0.010	8.7	50.0	
	7 Acrolein	0.01917	0.01463	0.010	-23.7	50.0	
	8 1,1-Dichloroethene(*)	0.27204	0.26627	0.010	-2.1	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.41107	0.36133	0.010	-12.1	50.0	
	10 Iodomethane	0.42711	0.37979	0.010	-11.1	50.0	
	11 Acetone	0.01732	0.01747	0.010	0.8	50.0	
	12 Carbon disulfide	0.85039	0.69219	0.010	-18.6	50.0	
	13 Methylene chloride	0.22043	0.21014	0.010	-4.7	50.0	
	14 Acrylonitrile	0.00289	0.00277	0.010	-4.1	50.0	<-
	15 t-Butanol	0.00384	0.00357	0.010	-6.9	20.0	<-
	16 Vinyl acetate	0.27887	0.20414	0.010	-26.8	50.0	
	17 trans-1,2-Dichloroethene	0.30605	0.29870	0.010	-2.4	20.0	
	18 Methyl-tert-butyl ether[MTB	0.24132	0.22337	0.010	-7.4	50.0	
	19 1,1-Dichloroethane (**)	0.45396	0.44277	0.100	-2.5	20.0	
	20 Isopropyl ether	0.67543	0.60684	0.010	-10.2	20.0	
	21 Tert-butyl ethyl ether	0.47486	0.43821	0.010	-7.7	20.0	
M	22 1,2-Dichloroethene (total)	0.29621	0.29165	0.010	-1.5	20.0	
	23 2,2-Dichloropropane	0.16864	0.11236	0.010	-33.4	50.0	
	24 cis-1,2-Dichloroethene	0.28637	0.28460	0.010	-0.6	20.0	
	25 2-Butanone	0.02045	0.01766	0.010	-13.6	50.0	
	26 Bromochloromethane	0.12588	0.11736	0.010	-6.8	50.0	
	27 Tetrahydrofuran	0.01161	0.01076	0.010	-7.3	50.0	
	28 Chloroform (*)	0.55287	0.55750	0.010	0.8	20.0	
$	29 Dibromofluoromethane	0.47843	0.48024	0.010	0.4	50.0	
	30 1,1,1-Trichloroethane	0.49282	0.53054	0.010	7.7	20.0	
	31 Carbon Tetrachloride	0.45196	0.51534	0.010	14.0	20.0	
	32 1,1-Dichloropropene	0.46455	0.47752	0.010	2.8	50.0	
$	33 1,2-Dichloroethane-d4	0.18806	0.17769	0.010	-5.5	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.04628	0.04641	0.010	0.3	50.0	
	35 Benzene	0.76076	0.76853	0.010	1.0	20.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 02-OCT-2000 19:21
Lab File ID: CS2020.D Init. Cal. Date(s): 27-SEP-2000 27-SEP-2000
Analysis Type: WATER Init. Cal. Times: 17:29 19:58
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.21170	0.21101	0.010	-0.3	20.0	
	37 Tert-amyl methyl ether	0.35364	0.33715	0.010	-4.7	20.0	
	39 Trichloroethene	0.42668	0.43970	0.010	3.1	20.0	
	40 1,2-Dichloropropane(*)	0.26780	0.25714	0.010	-4.0	20.0	
	41 Dibromomethane	0.15528	0.15493	0.010	-0.2	50.0	
	42 Bromodichloromethane	0.40901	0.43798	0.010	7.1	20.0	
	43 2-Chloroethylvinyl ether	0.00468	0.00593	0.010	26.6	50.0	<-
	44 1-Bromo-2-chloroethane	0.29568	0.24226	0.010	-18.1	50.0	
	45 cis-1,3-Dichloropropene	0.27749	0.27142	0.010	-2.2	50.0	
	46 4-Methyl-2-pentanone	0.06707	0.06128	0.010	-8.6	50.0	
$	47 Toluene-d8	1.14844	1.18958	0.010	3.6	50.0	
	48 Toluene (*)	1.30446	1.39050	0.010	6.6	20.0	
	49 trans-1,3-Dichloropropene	0.21951	0.21753	0.010	-0.9	50.0	
	50 1,1,2-Trichloroethane	0.21415	0.22218	0.010	3.8	50.0	
	51 Tetrachloroethene	0.61163	0.67496	0.010	10.4	20.0	
	52 1,3-Dichloropropane	0.34326	0.35366	0.010	3.0	50.0	
	53 2-Hexanone	0.05969	0.05492	0.010	-8.0	50.0	
	54 Dibromochloromethane	0.39603	0.42144	0.010	6.4	50.0	
	55 1,2-Dibromoethane	0.28073	0.27639	0.010	-1.5	50.0	
	57 Chlorobenzene (**)	0.97241	1.03870	0.300	6.8	50.0	
	58 1,1,1,2-Tetrachloroethane	0.42802	0.48669	0.010	13.7	50.0	
	59 Ethylbenzene (*)	0.47122	0.53107	0.010	12.7	20.0	
	60 m,p-Xylenes	0.58435	0.66212	0.010	13.3	20.0	
M	61 Xylenes (total)	0.56930	0.64491	0.010	13.3	20.0	
	62 o-Xylene	0.53922	0.61049	0.010	13.2	20.0	
	63 Styrene	0.78423	0.88961	0.010	13.4	50.0	
	64 Bromoform (**)	0.21919	0.23829	0.100	8.7	50.0	
	65 Isopropylbenzene	1.77176	2.03910	0.010	15.1	50.0	
$	66 4-Bromofluorobenzene	0.65960	0.77060	0.010	16.8	50.0	
	67 4-Bromofluorobenzene-2nd	0.55850	0.67272	0.010	20.5	50.0	
	68 Bromobenzene	0.86374	0.90391	0.010	4.7	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.46342	0.45073	0.300	-2.7	50.0	
	70 1,2,3-Trichloropropane	0.10416	0.10884	0.010	4.5	50.0	
	71 n-Propylbenzene	3.64677	4.06213	0.010	11.4	50.0	
	72 2-Chlorotoluene	0.74931	0.81552	0.010	8.8	50.0	
	73 4-Chlorotoluene	0.73581	0.82005	0.010	11.4	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 02-OCT-2000 19:21
Lab File ID: CS2020.D Init. Cal. Date(s): 27-SEP-2000 27-SEP-2000
Analysis Type: WATER Init. Cal. Times: 17:29 19:58
Lab Sample ID: 10PPB 8260BSTD Quant Type: ISTD
Method: \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m

COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.43647	2.74671	0.010	12.7	50.0
75 tert-Butylbenzene	2.69886	3.00911	0.010	11.5	50.0
76 1,2,4-Trimethylbenzene	2.38611	2.63316	0.010	10.4	50.0
77 sec-Butylbenzene	3.76659	4.19191	0.010	11.3	50.0
78 1,3-Dichlorobenzene	1.53929	1.62583	0.010	5.6	50.0
80 p-Isopropyltoluene	2.92008	3.37622	0.010	15.6	50.0
81 1,4-Dichlorobenzene	1.55231	1.68769	0.010	8.7	50.0
82 1,2-Dichlorobenzene	1.25473	1.28845	0.010	2.7	50.0
83 n-Butylbenzene	3.03104	3.44138	0.010	13.5	50.0
84 1,2-Dibromo-3-chloropropane	0.08929	0.07719	0.010	-13.6	50.0
85 1,2,4-Trichlorobenzene	1.15380	1.13164	0.010	-1.9	50.0
86 Hexachlorobutadiene	1.36023	1.56345	0.010	14.9	50.0
87 Napthalene	0.79178	0.73058	0.010	-7.7	20.0
88 1,2,3-Trichlorobenzene	0.86787	0.84332	0.010	-2.8	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2010\D\chem\mc.i\1002BC.B/CS2020.D
Inj. Date : 02-OCT-2000 19:21

ICAL Mid Point : //SANP2010/D/chem/mc.i/0927BC.B/CS2014.D/CS2012.D
Inj. Date : 27-SEP-2000 18:58

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	8.01	8.01	0.01	2369424	1943155	82.0%
Chlorobenzene-d5	13.49	13.48	0.01	1684151	1352641	80.3%
1,4-Dichlorobenzene-d4	18.11	18.12	-0.00	999314	794589	79.5%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: CS2020.D
Lab Smp Id: 10PPB 8260BSTD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Misc Info: ,25,,,2,1-8260B.SUB

Calibration Date: 02-OCT-2000
Calibration Time: 19:21

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1943155	971578	3886310	1943155	0.00
56 Chlorobenzene-d5	1352641	676321	2705282	1352641	0.00
79 1,4-Dichlorobenze	794589	397295	1589178	794589	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.01	0.00
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	0.00
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1002BC.B\CS2020.D
Lab Smp Id: 10PPB 8260BSTD
Inj Date : 02-OCT-2000 19:21
Operator : AD Inst ID: mc.i
Smp Info : 10PPB 8260BSTD,,,3,0,,,8260BCL.M
Misc Info : ,25,,,2,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Meth Date : 02-Oct-2000 19:46 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.856	1.856	(0.232)	549737	10.0000	7.81
2 Chloromethane (**)	50	2.092	2.092	(0.261)	372649	10.0000	9.41
3 Vinyl chloride (*)	62	2.151	2.151	(0.269)	449242	10.0000	9.79
4 Bromomethane	94	2.496	2.496	(0.312)	441235	10.0000	12.41
5 Chloroethane	64	2.605	2.605	(0.325)	305801	10.0000	10.78
6 Trichlorofluoromethane	101	2.900	2.900	(0.362)	1134921	10.0000	10.87
7 Acrolein	56	5.010	5.010	(0.626)	284354	100.000	76.34
8 1,1-Dichloroethene(*)	96	3.492	3.492	(0.436)	517401	10.0000	9.79
9 1,1,2-Trichlorotrifluoroethan	151	3.502	3.502	(0.437)	702117	10.0000	8.79
10 Iodomethane	142	3.679	3.679	(0.460)	1475980	20.0000	17.78
11 Acetone	43	3.551	3.551	(0.444)	169705	50.0000	50.42
12 Carbon disulfide	76	3.777	3.777	(0.472)	1345031	10.0000	8.14
13 Methylene chloride	84	4.142	4.142	(0.517)	408333	10.0000	9.53
14 Acrylonitrile	53	7.414	7.414	(0.926)	53745	100.000	95.86
15 t-Butanol	59	4.398	4.398	(0.549)	27778	40.0000	37.25(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	16 Vinyl acetate	43	5.335	5.335	(0.666)	793339	20.0000	14.64
	17 trans-1,2-Dichloroethene	96	4.556	4.556	(0.569)	580430	10.0000	9.76
	18 Methyl-tert-butyl ether[MTBE]	73	4.586	4.586	(0.573)	434037	10.0000	9.26
	19 1,1-Dichloroethane (**)	63	5.177	5.177	(0.647)	860362	10.0000	9.75
	20 Isopropyl ether	45	5.364	5.364	(0.670)	1179184	10.0000	8.98
	21 Tert-butyl ethyl ether	59	5.936	5.936	(0.741)	851501	10.0000	9.23
M	22 1,2-Dichloroethene (total)	100				1133460	20.0000	19.70
	23 2,2-Dichloropropane	77	6.084	6.084	(0.760)	218325	10.0000	6.66
	24 cis-1,2-Dichloroethene	96	6.094	6.094	(0.761)	553030	10.0000	9.94
	25 2-Butanone	43	6.153	6.153	(0.769)	171550	50.0000	43.18
	26 Bromochloromethane	128	6.478	6.478	(0.809)	228054	10.0000	9.32
	27 Tetrahydrofuran	42	6.626	6.626	(0.828)	20912	10.0000	9.27
	28 Chloroform (*)	83	6.626	6.626	(0.828)	1083317	10.0000	10.08
$	29 Dibromofluoromethane	111	6.882	6.882	(0.860)	933190	10.0000	10.04
	30 1,1,1-Trichloroethane	97	6.902	6.902	(0.862)	1030918	10.0000	10.76
	31 Carbon Tetrachloride	117	7.188	7.188	(0.898)	1001385	10.0000	11.40
	32 1,1-Dichloropropene	75	7.188	7.188	(0.898)	927887	10.0000	10.28
$	33 1,2-Dichloroethane-d4	65	7.414	7.414	(0.926)	345287	10.0000	9.45
	34 1,2-Dichloroethane-d4 2nd	102	7.424	7.424	(0.927)	90191	10.0000	10.03
	35 Benzene	78	7.513	7.513	(0.938)	1493382	10.0000	10.10
	36 1,2-Dichloroethane	62	7.542	7.542	(0.942)	410034	10.0000	9.97
	37 Tert-amyl methyl ether	73	7.799	7.799	(0.974)	655135	10.0000	9.53
*	38 Fluorobenzene	96	8.006	8.006	(1.000)	1943155	10.0000	
	39 Trichloroethene	130	8.646	8.646	(1.080)	854400	10.0000	10.30
	40 1,2-Dichloropropane(*)	63	9.011	9.011	(1.126)	499657	10.0000	9.60
	41 Dibromomethane	93	9.208	9.208	(1.150)	301055	10.0000	9.98
	42 Bromodichloromethane	83	9.523	9.523	(1.190)	851070	10.0000	10.71
	43 2-Chloroethylvinyl ether	106	10.105	10.105	(1.262)	23033	20.0000	25.32(Q)
	44 1-Bromo-2-chloroethane	63	10.036	10.036	(1.254)	470752	10.0000	8.19
	45 cis-1,3-Dichloropropene	75	10.341	10.341	(1.292)	527410	10.0000	9.78
	46 4-Methyl-2-pentanone	43	10.657	10.657	(1.331)	595368	50.0000	45.68
$	47 Toluene-d8	98	10.805	10.805	(0.802)	1609081	10.0000	10.36
	48 Toluene (*)	91	10.933	10.933	(0.811)	1880846	10.0000	10.66
	49 trans-1,3-Dichloropropene	75	11.366	11.366	(0.843)	294245	10.0000	9.91
	50 1,1,2-Trichloroethane	97	11.672	11.672	(0.866)	300527	10.0000	10.38
	51 Tetrachloroethene	164	11.938	11.938	(0.886)	912974	10.0000	11.04
	52 1,3-Dichloropropane	76	11.977	11.977	(0.889)	478380	10.0000	10.30
	53 2-Hexanone	43	12.194	12.194	(0.905)	371414	50.0000	46.00
	54 Dibromochloromethane	129	12.382	12.382	(0.919)	570062	10.0000	10.64
	55 1,2-Dibromoethane	107	12.559	12.559	(0.932)	373863	10.0000	9.84
*	56 Chlorobenzene-d5	117	13.476	13.476	(1.000)	1352641	10.0000	
	57 Chlorobenzene (**)	112	13.525	13.525	(1.004)	1404990	10.0000	10.68
	58 1,1,1,2-Tetrachloroethane	131	13.712	13.712	(1.018)	658317	10.0000	11.37
	59 Ethylbenzene (*)	106	13.791	13.791	(1.023)	718350	10.0000	11.27
	60 m,p-Xylenes	106	14.018	14.018	(1.040)	1791229	20.0000	22.66
M	61 Xylenes (total)	100				2617006	30.0000	33.98
	62 o-Xylene	106	14.777	14.777	(1.097)	825777	10.0000	11.32

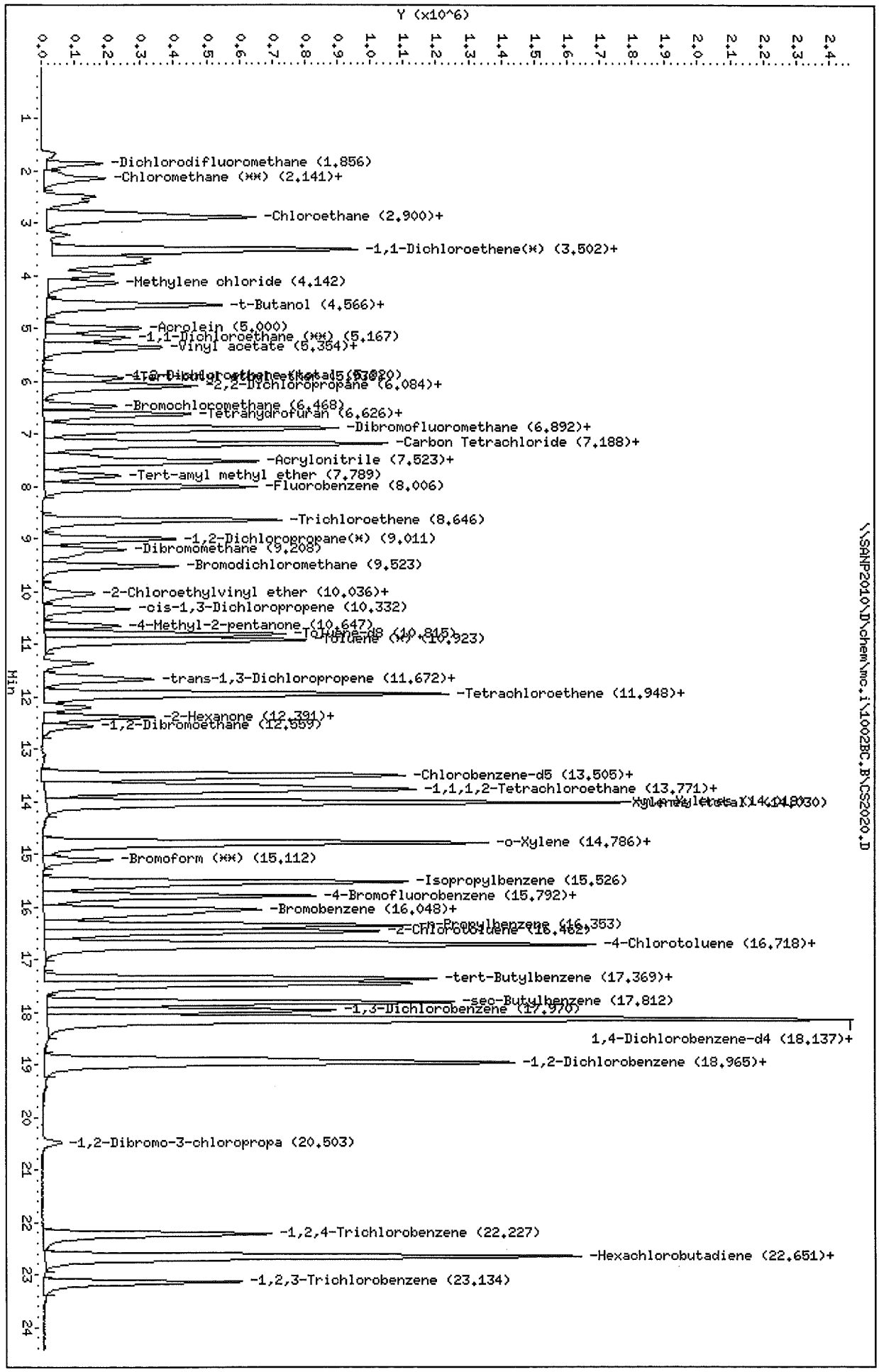
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	63 Styrene	104	14.806	14.806	(1.099)	1203317	10.0000	11.34
	64 Bromoform (**)	173	15.112	15.112	(1.121)	322318	10.0000	10.87
	65 Isopropylbenzene	105	15.526	15.526	(1.152)	2758166	10.0000	11.51
$	66 4-Bromofluorobenzene	95	15.802	15.802	(1.173)	1042351	10.0000	11.68
	67 4-Bromofluorobenzene-2nd	174	15.792	15.792	(1.172)	909951	10.0000	12.04
	68 Bromobenzene	156	16.048	16.048	(0.886)	718234	10.0000	10.46
	69 1,1,2,2-Tetrachloroethane(**)	83	16.117	16.117	(0.890)	358145	10.0000	9.73
	70 1,2,3-Trichloropropane	110	16.166	16.166	(0.892)	86480	10.0000	10.45(Q)
	71 n-Propylbenzene	91	16.353	16.353	(0.903)	3227726	10.0000	11.14
	72 2-Chlorotoluene	126	16.472	16.472	(0.909)	648005	10.0000	10.88(Q)
	73 4-Chlorotoluene	126	16.698	16.698	(0.922)	651603	10.0000	11.14
	74 1,3,5-Trimethylbenzene	105	16.728	16.728	(0.923)	2182509	10.0000	11.27
	75 tert-Butylbenzene	119	17.359	17.359	(0.958)	2391006	10.0000	11.15
	76 1,2,4-Trimethylbenzene	105	17.467	17.467	(0.964)	2092281	10.0000	11.04
	77 sec-Butylbenzene	105	17.812	17.812	(0.983)	3330842	10.0000	11.13
	78 1,3-Dichlorobenzene	146	17.980	17.980	(0.992)	1291865	10.0000	10.56
*	79 1,4-Dichlorobenzene-d4	152	18.118	18.118	(1.000)	794589	10.0000	(Q)
	80 p-Isopropyltoluene	119	18.137	18.137	(1.001)	2682707	10.0000	11.56
	81 1,4-Dichlorobenzene	146	18.167	18.167	(1.003)	1341017	10.0000	10.87(H)
	82 1,2-Dichlorobenzene	146	18.896	18.896	(1.043)	1023785	10.0000	10.27
	83 n-Butylbenzene	91	18.965	18.965	(1.047)	2734486	10.0000	11.35
	84 1,2-Dibromo-3-chloropropane	157	20.503	20.503	(1.132)	61332	10.0000	8.64
	85 1,2,4-Trichlorobenzene	180	22.227	22.227	(1.227)	899189	10.0000	9.81
	86 Hexachlorobutadiene	225	22.651	22.651	(1.250)	1242304	10.0000	11.49
	87 Napthalene	128	22.701	22.701	(1.253)	580512	10.0000	9.23
	88 1,2,3-Trichlorobenzene	180	23.134	23.134	(1.277)	670090	10.0000	9.72

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\SANP2010\D\chem\mc.i\1002BC.B\CS2020.D
Date : 02-OCT-2000 19:21
Client ID:
Sample Info: 10PPB 8260BSTD,,3.0,,,8260BCL.M
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1002BC.B\C09401.D
Lab Smp Id: LCS-1002BC Client Smp ID: C09401
Inj Date : 02-OCT-2000 20:00
Operator : AD Inst ID: mc.i
Smp Info : LCS-1002BC,LCS,1,,0,1,0,8260BCL.M,C09401
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Meth Date : 02-Oct-2000 19:46 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.495	3.492	(0.436)	572716	10.7400	10.74
$ 29 Dibromofluoromethane	111	6.885	6.882	(0.859)	931101	9.92837	9.93
$ 33 1,2-Dichloroethane-d4	65	7.437	7.414	(0.927)	340264	9.23030	9.23
34 1,2-Dichloroethane-d4 2nd	102	7.427	7.424	(0.926)	88051	9.70532	9.70
35 Benzene	78	7.526	7.513	(0.939)	1529640	10.2575	10.26
* 38 Fluorobenzene	96	8.018	8.006	(1.000)	1960208	10.0000	
39 Trichloroethene	130	8.659	8.646	(1.080)	883011	10.5576	10.56
$ 47 Toluene-d8	98	10.817	10.805	(0.803)	1595363	10.3017	10.30
48 Toluene (*)	91	10.936	10.933	(0.811)	1868052	10.6199	10.62
* 56 Chlorobenzene-d5	117	13.479	13.476	(1.000)	1348465	10.0000	
57 Chlorobenzene (**)	112	13.528	13.525	(1.004)	1336076	10.1893	10.19
$ 66 4-Bromofluorobenzene	95	15.795	15.802	(1.172)	1038031	11.6705	11.67
67 4-Bromofluorobenzene-2nd	174	15.795	15.792	(1.172)	918080	12.1905	12.19
* 79 1,4-Dichlorobenzene-d4	152	18.121	18.118	(1.000)	790862	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09401.D
Lab Smp Id: LCS-1002BC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 02-OCT-2000
Calibration Time: 19:21
Client Smp ID: C09401
Level: LOW
Sample Type: WATER

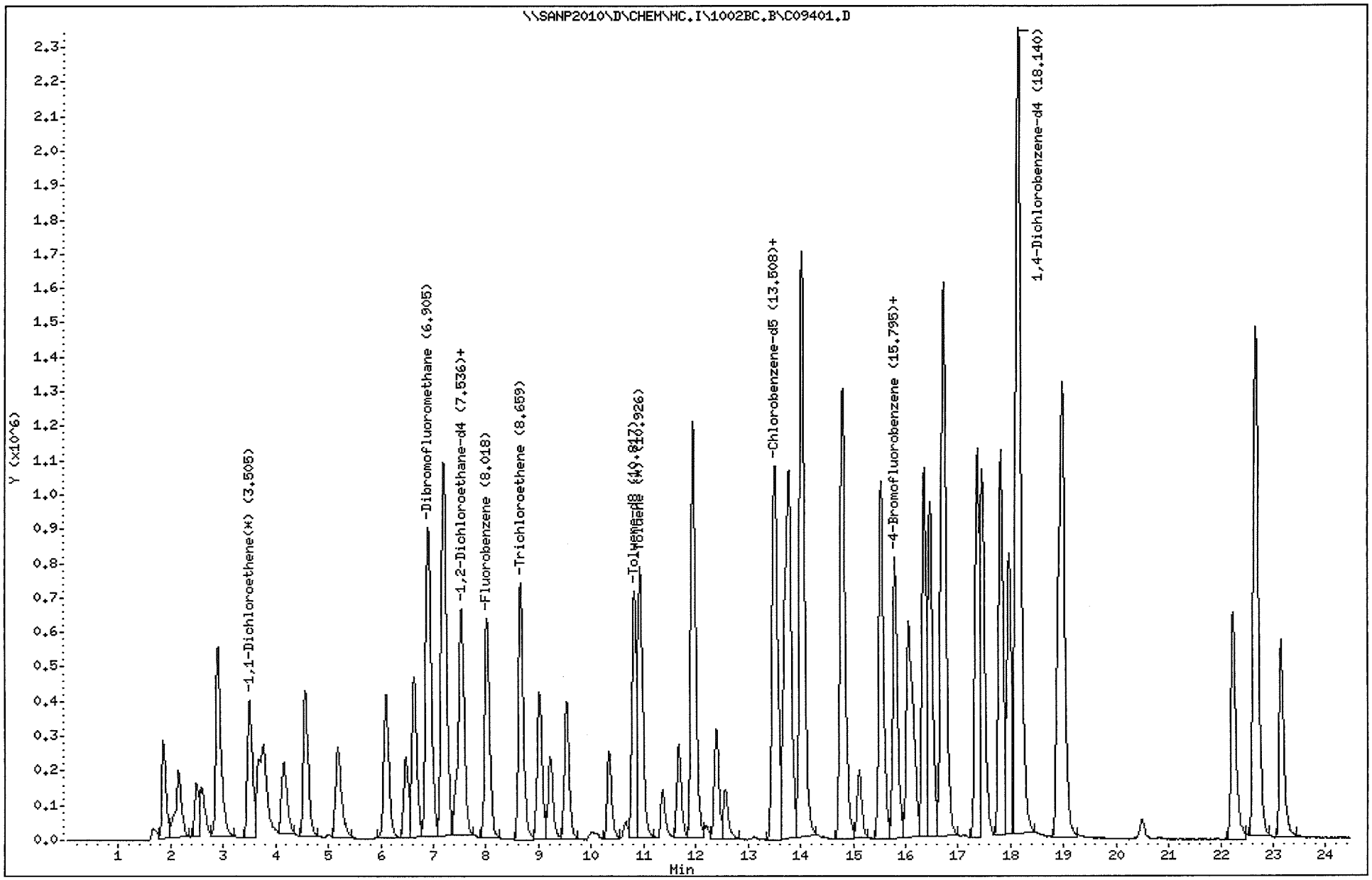
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1943155	971578	3886310	1960208	0.88
56 Chlorobenzene-d5	1352641	676321	2705282	1348465	-0.31
79 1,4-Dichlorobenze	794589	397295	1589178	790862	-0.47

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.02	0.16
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	0.02
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09401.D
Date : 02-OCT-2000 20:00
Client ID: C09401
Sample Info: LCS-1002BC,LCS,1,,0,1,0,8260BCL.M,C09401
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



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BOE-C6-0158871

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1002BC.B\C09402.D
Lab Smp Id: MB-1002BC Client Smp ID: C09402
Inj Date : 02-OCT-2000 20:30
Operator : AD Inst ID: mc.i
Smp Info : MB-1002BC,BLANK,1,,0,1,0,8260BCL.M,C09402
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Meth Date : 02-Oct-2000 19:46 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14 Acrylonitrile	53	7.428	7.414	(0.927)	42002	79.5305	79.53(Q)
$ 29 Dibromofluoromethane	111	6.886	6.882	(0.860)	872838	9.96734	9.97
$ 33 1,2-Dichloroethane-d4	65	7.418	7.414	(0.926)	329155	9.56235	9.56
34 1,2-Dichloroethane-d4 2nd	102	7.418	7.424	(0.926)	80842	9.54284	9.54
37 Tert-amyl methyl ether	73	8.009	7.799	(1.000)	24964	0.38568	0.386(a)
* 38 Fluorobenzene	96	8.009	8.006	(1.000)	1830366	10.0000	
$ 47 Toluene-d8	98	10.808	10.805	(0.801)	1492700	9.81980	9.82
* 56 Chlorobenzene-d5	117	13.489	13.476	(1.000)	1323610	10.0000	
$ 66 4-Bromofluorobenzene	95	15.795	15.802	(1.171)	1014902	11.6247	11.62
67 4-Bromofluorobenzene-2nd	174	15.795	15.792	(1.171)	857190	11.5957	11.60
* 79 1,4-Dichlorobenzene-d4	152	18.121	18.118	(1.000)	752630	10.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09402.D
Lab Smp Id: MB-1002BC
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Misc Info: ,25,,,3,1-8260B.SUB

Calibration Date: 02-OCT-2000
Calibration Time: 19:21
Client Smp ID: C09402
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1943155	971578	3886310	1830366	-5.80
56 Chlorobenzene-d5	1352641	676321	2705282	1323610	-2.15
79 1,4-Dichlorobenze	794589	397295	1589178	752630	-5.28

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.01	0.04
56 Chlorobenzene-d5	13.48	12.98	13.98	13.49	0.10
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.12	0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1002BC.B\C09402.D
Lab Smp Id: MB-1002BC Client Smp ID: C09402
Inj Date : 02-OCT-2000 20:30
Operator : AD Inst ID: mc.i
Smp Info : MB-1002BC,BLANK,1,,0,1,0,8260BCL.M,C09402
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1002BC.B\8260BCL.m
Meth Date : 03-Oct-2000 18:54 donga Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1002BC
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa94223
Client Smp ID: C09402
Sample Date:
Sample Point:
Date Received:
Level: LOW

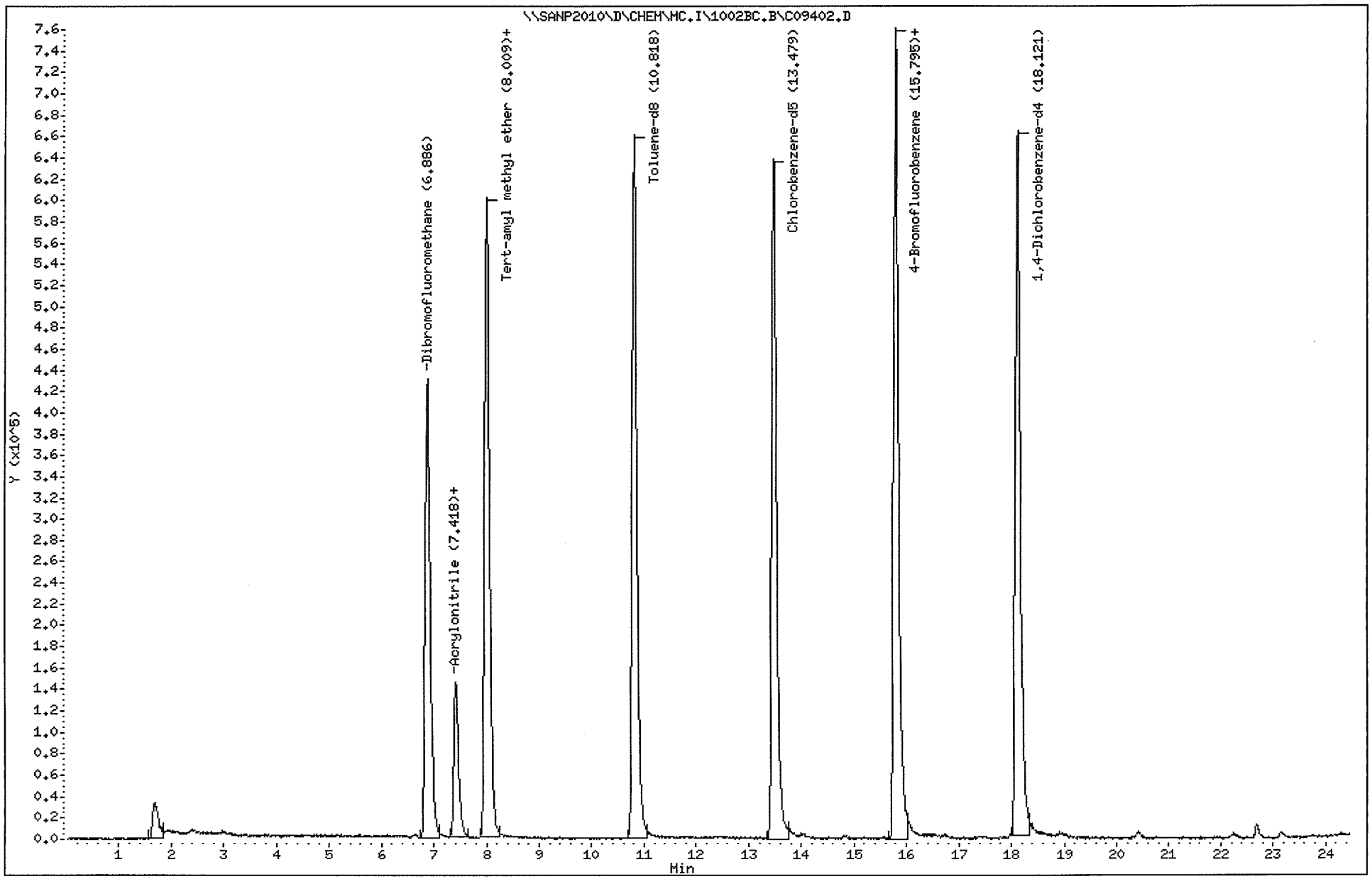
Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09402.D
Date : 02-OCT-2000 20:30
Client ID: C09402
Sample Info: MB-1002BC,BLANK,1,,0,1,0,8260BCL.M,C09402
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



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BOE-C6-0158877

Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09402.D

Date : 02-OCT-2000 20:30

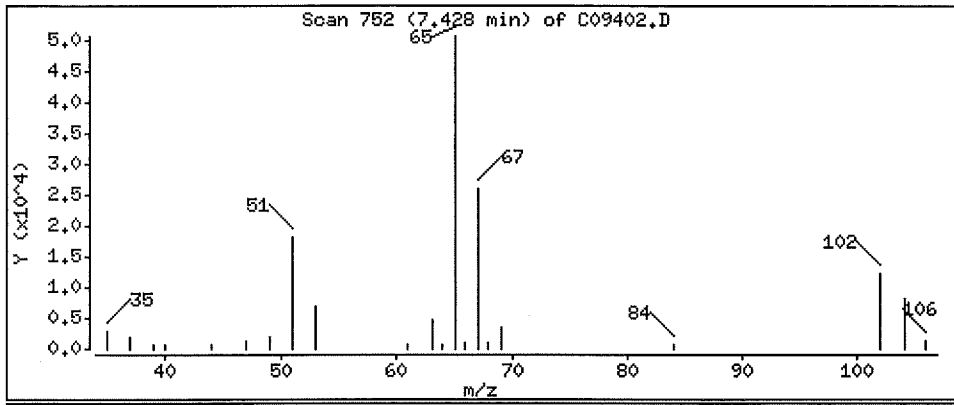
Client ID: C09402 Instrument: mc.i

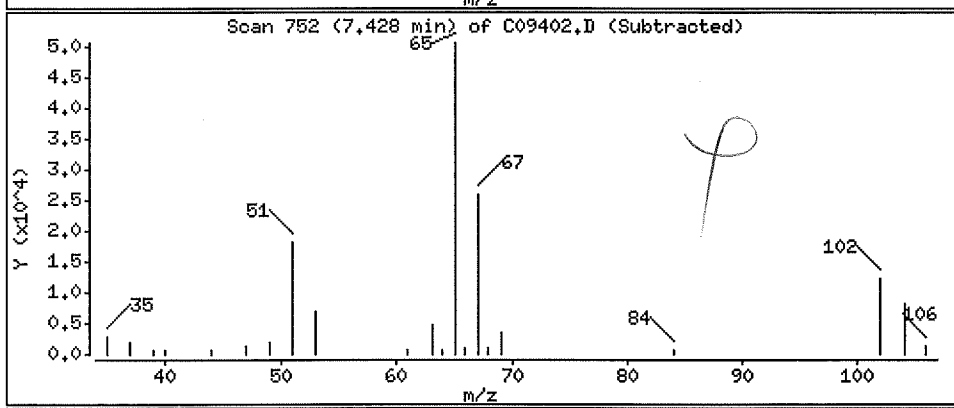
Sample Info: MB-1002BC,BLANK,1,,0,1,0,8260BCL,M,C09402

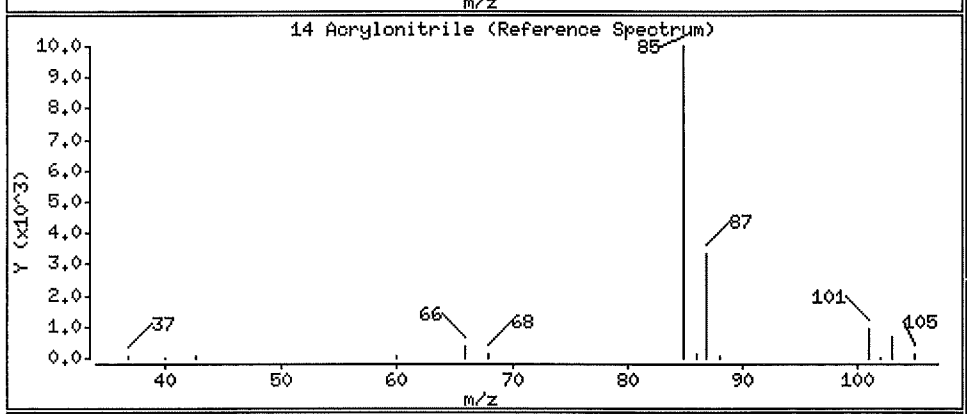
Purge Volume: 25.0 Operator: AD

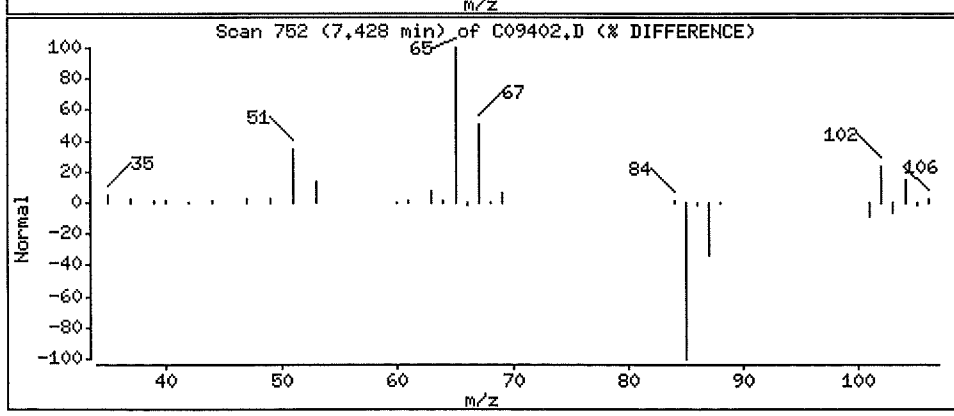
Column phase: J&W DB-624 Column diameter: 0.53

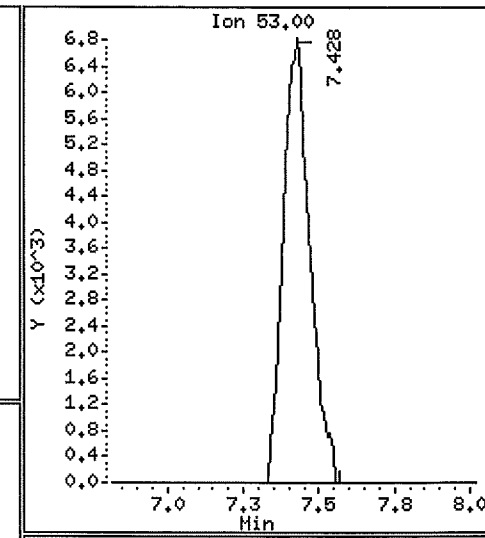
14 Acrylonitrile Concentration: 79.53 ug/L

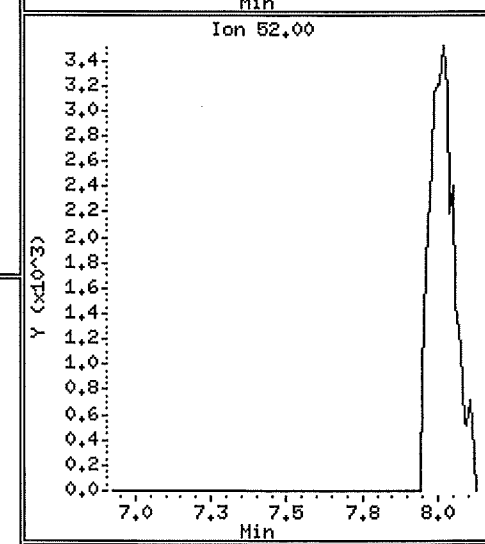


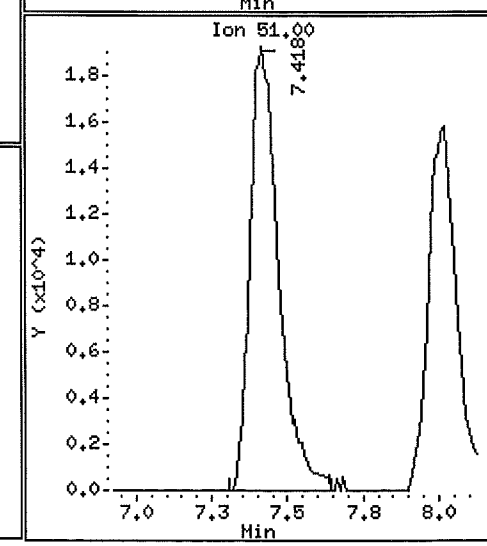












Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09402.D

Date : 02-OCT-2000 20:30

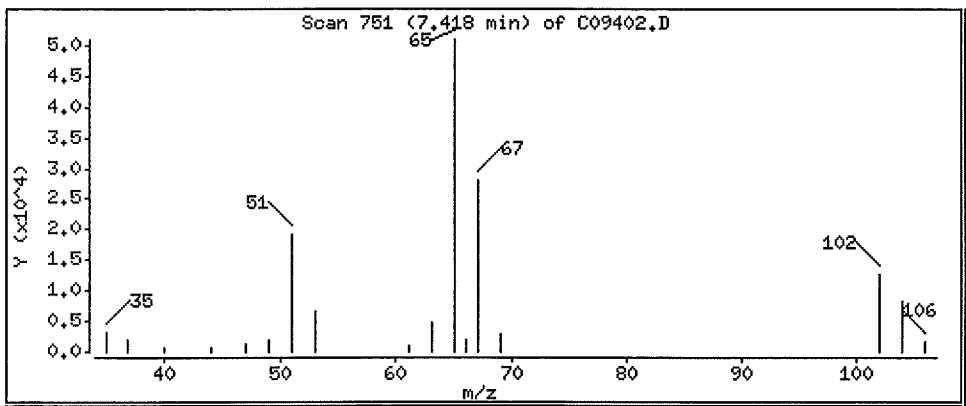
Client ID: C09402 Instrument: mc.i

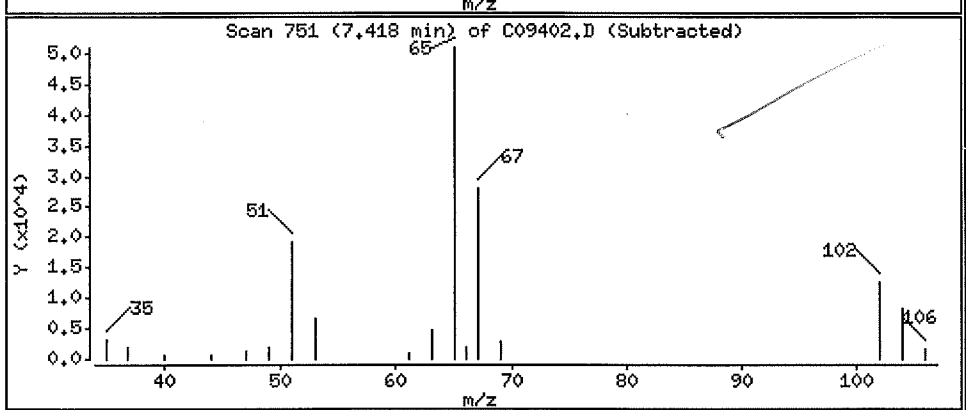
Sample Info: MB-1002BC,BLANK,1,,0,1,0,8260BCL.M,C09402

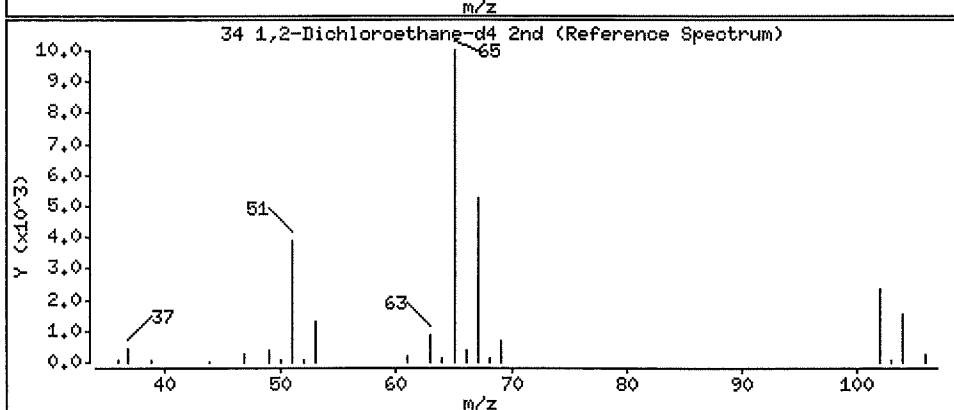
Purge Volume: 25.0 Operator: AD

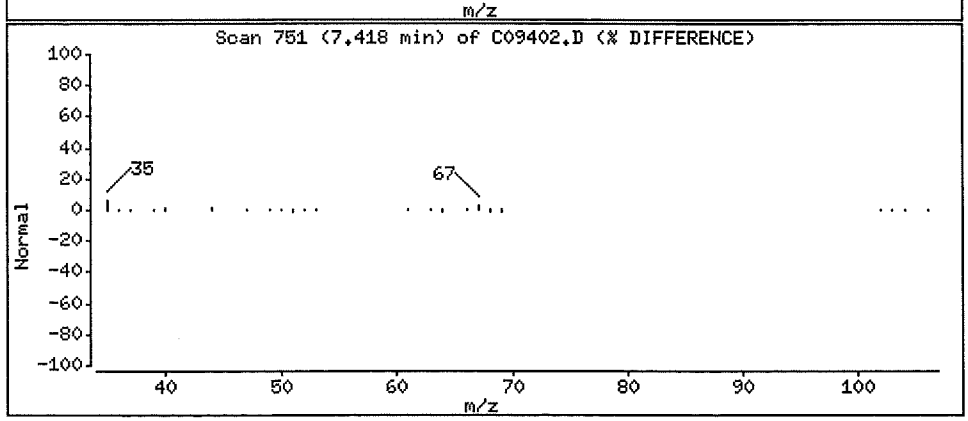
Column phase: J&W DB-624 Column diameter: 0.53

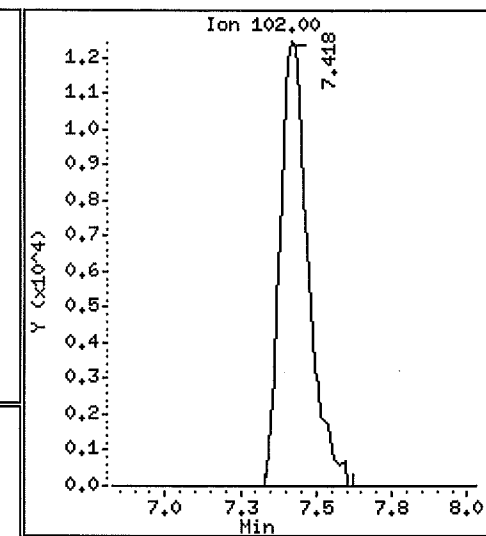
34 1,2-Dichloroethane-d4 2nd Concentration: 9.54 ug/L

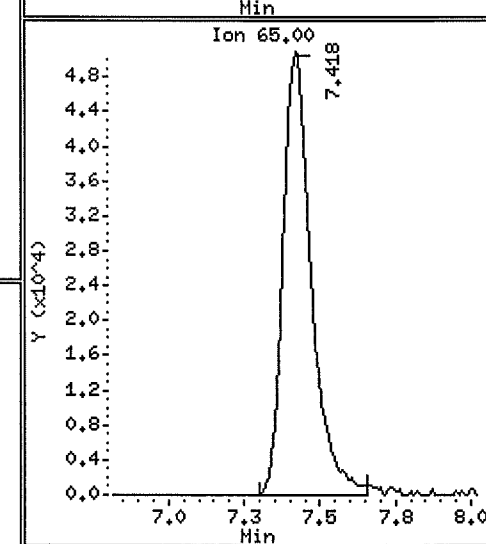












Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09402.D

Date : 02-OCT-2000 20:30

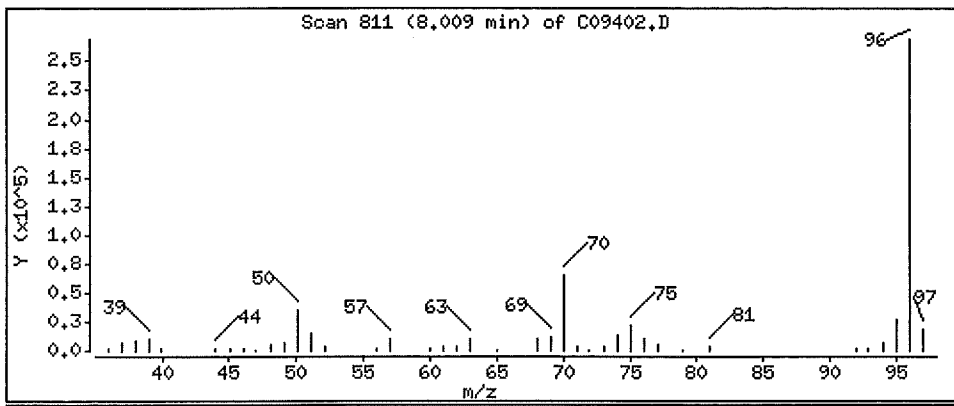
Client ID: C09402 Instrument: mc.i

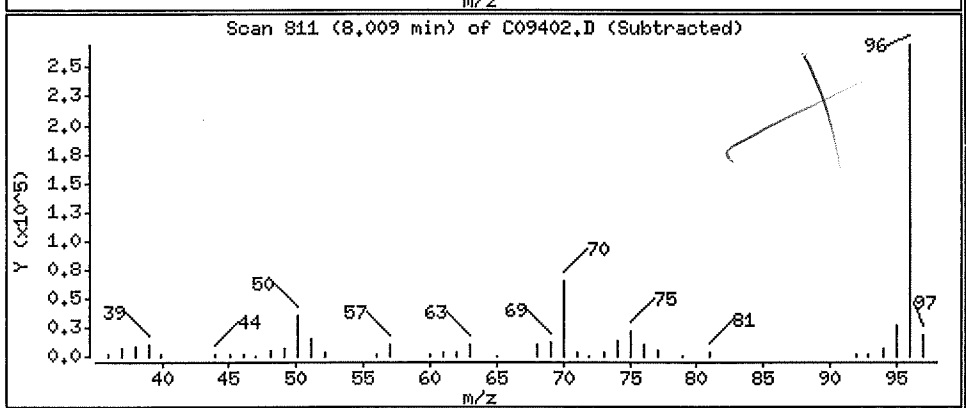
Sample Info: MB-1002BC,BLANK,1,,0,1,0,8260BCL.M,C09402

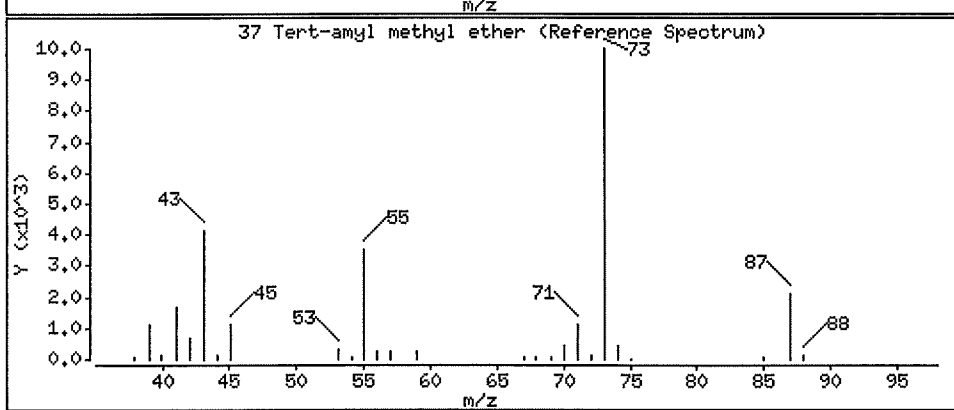
Purge Volume: 25.0 Operator: AD

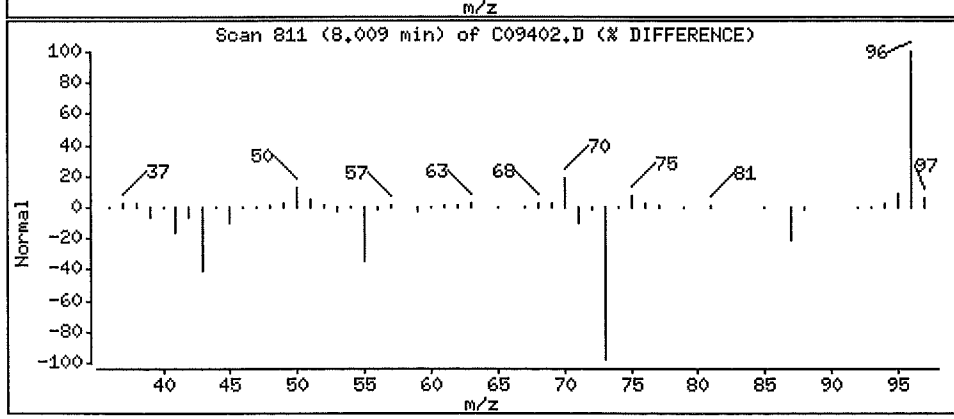
Column phase: J&W DB-624 Column diameter: 0.53

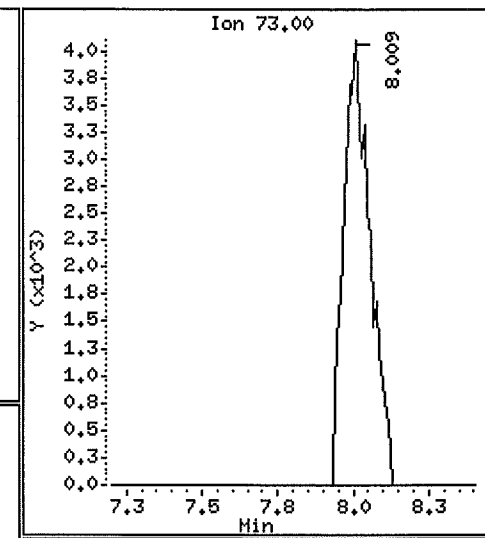
37 Tert-amyl methyl ether Concentration: 0.386 ug/L

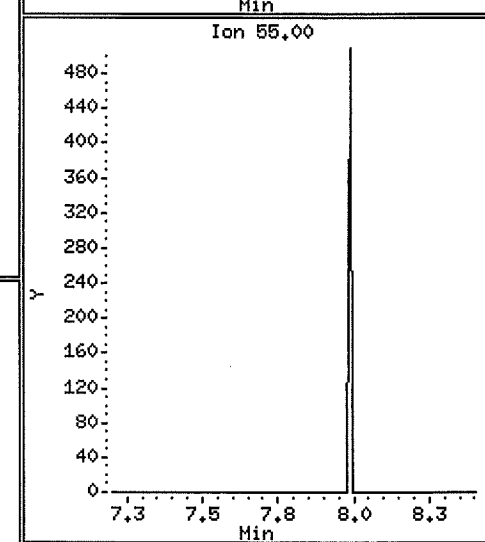


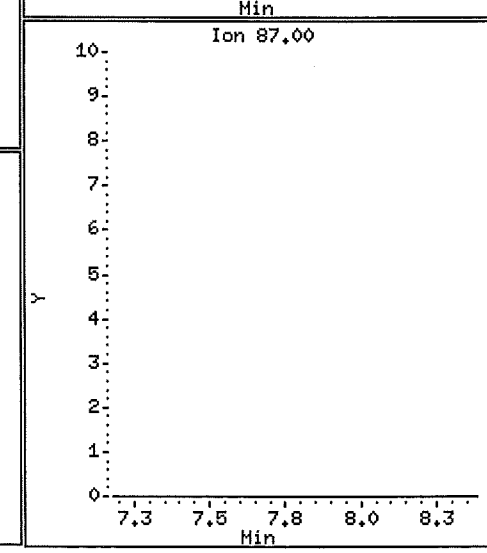












Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09402.D

Date : 02-OCT-2000 20:30

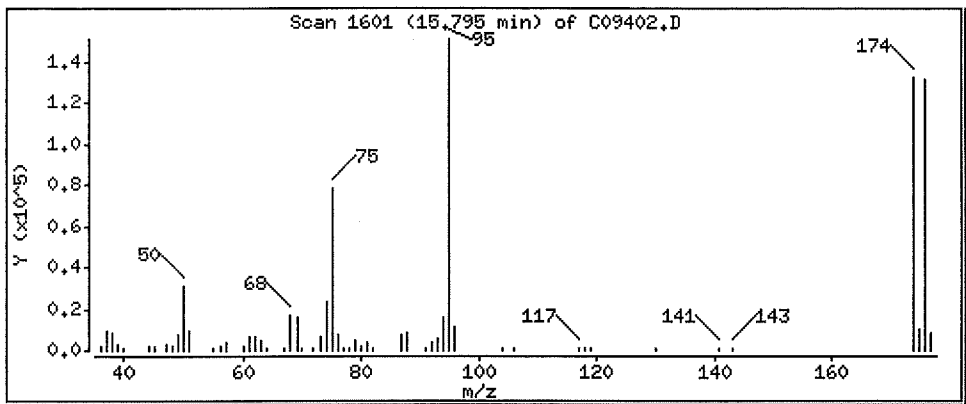
Client ID: C09402 | Instrument: mc.i

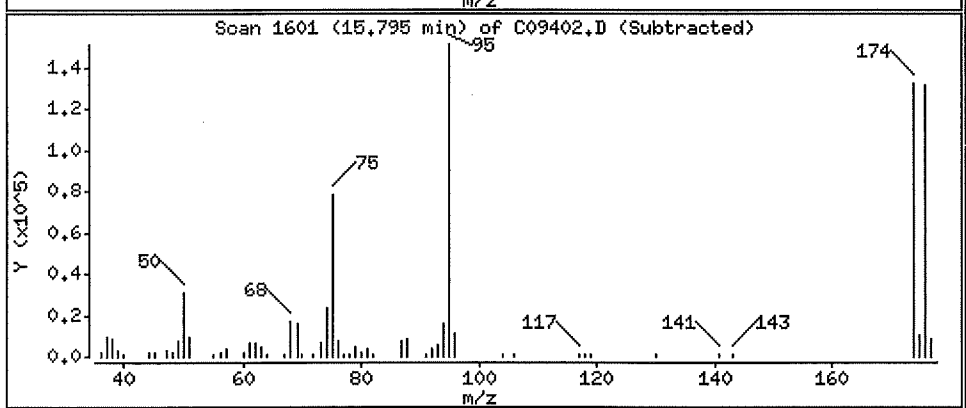
Sample Info: MB-1002BC,BLANK,1,,0,1,0,8260BCL,M,C09402

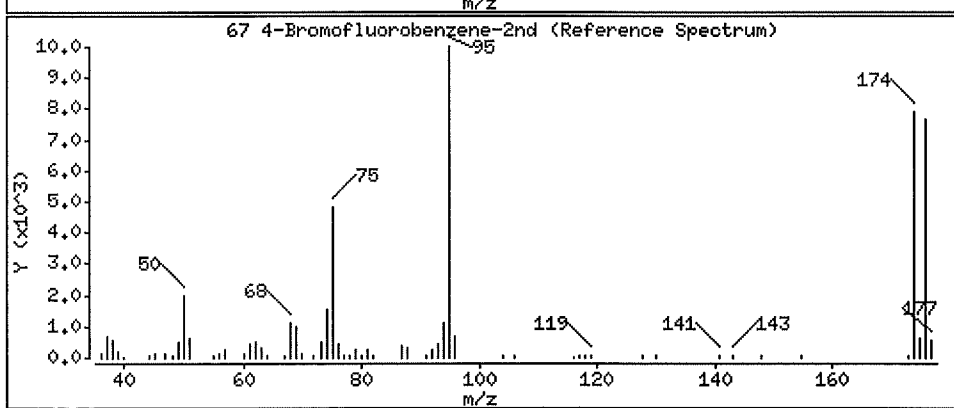
Purge Volume: 25.0 | Operator: AD

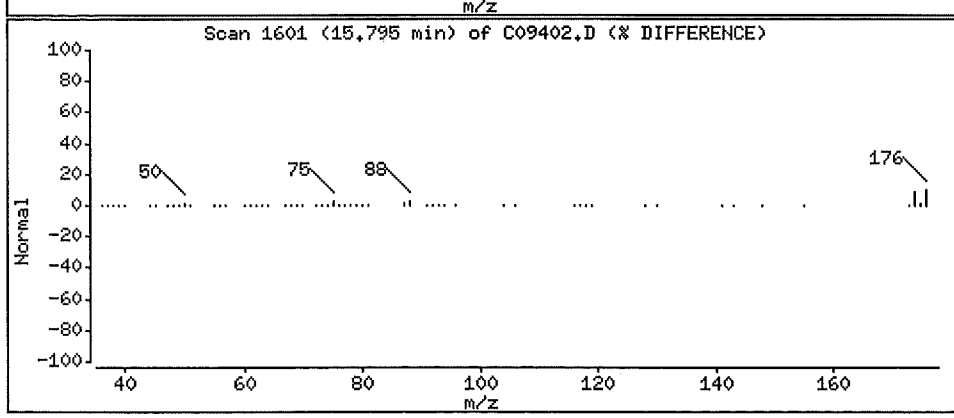
Column phase: J&W DB-624 | Column diameter: 0.53

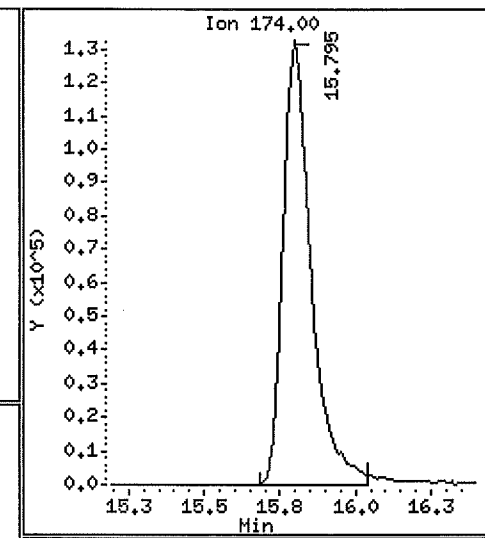
67 4-Bromofluorobenzene-2nd | Concentration: 11.60 ug/L

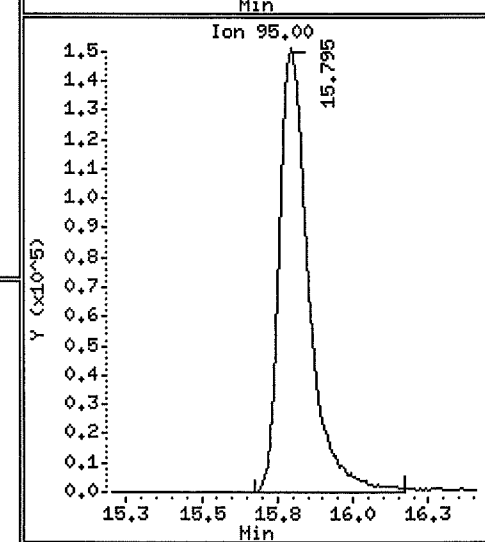


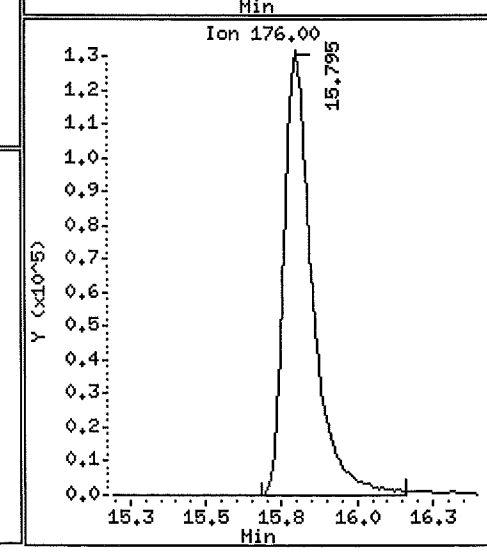












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1002BC.B\C09420.D
Lab Smp Id: DLC1L102 Client Smp ID: C09420
Inj Date : 03-OCT-2000 05:26
Operator : AD Inst ID: mc.i
Smp Info : DLC1L102,MS,1,,0,1,0,8260BCL.M,C09420
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Meth Date : 02-Oct-2000 20:58 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 16 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.496	3.492	(0.436)	542125	10.4265	10.43
$ 29 Dibromofluoromethane	111	6.886	6.882	(0.860)	1058833	11.5793	11.58
$ 33 1,2-Dichloroethane-d4	65	7.418	7.414	(0.926)	435286	12.1101	12.11
34 1,2-Dichloroethane-d4 2nd	102	7.418	7.424	(0.926)	107081	12.1049	12.10
35 Benzene	78	7.517	7.513	(0.938)	1569218	10.7922	10.79
* 38 Fluorobenzene	96	8.010	8.006	(1.000)	1911297	10.0000	
39 Trichloroethene	130	8.640	8.646	(1.079)	833558	10.2213	10.22
$ 47 Toluene-d8	98	10.809	10.805	(0.802)	1709215	10.7336	10.73
48 Toluene (*)	91	10.927	10.933	(0.811)	1837701	10.1603	10.16
* 56 Chlorobenzene-d5	117	13.470	13.476	(1.000)	1386563	10.0000	
57 Chlorobenzene (**)	112	13.529	13.525	(1.004)	1356202	10.0586	10.06
$ 66 4-Bromofluorobenzene	95	15.786	15.802	(1.172)	1012915	11.0752	11.08
67 4-Bromofluorobenzene-2nd	174	15.796	15.792	(1.173)	873203	11.2760	11.28
* 79 1,4-Dichlorobenzene-d4	152	18.112	18.118	(1.000)	840400	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09420.D
Lab Smp Id: DLC1L102
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 02-OCT-2000
Calibration Time: 19:21
Client Smp ID: C09420
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1943155	971578	3886310	1911297	-1.64
56 Chlorobenzene-d5	1352641	676321	2705282	1386563	2.51
79 1,4-Dichlorobenze	794589	397295	1589178	840400	5.77

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.01	0.05
56 Chlorobenzene-d5	13.48	12.98	13.98	13.47	-0.04
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.11	-0.03

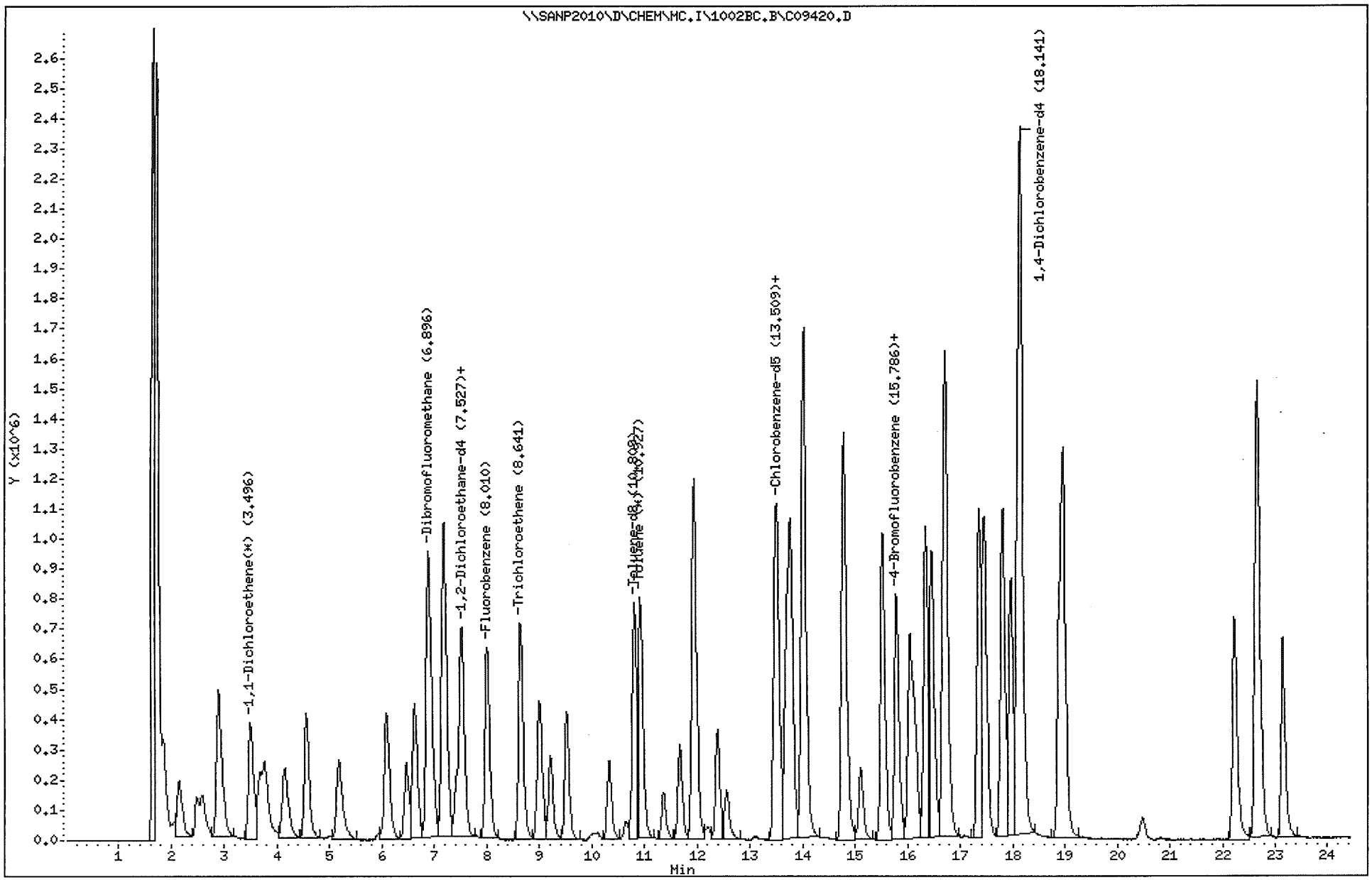
AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09420.D
Date : 03-OCT-2000 05:26
Client ID: C09420
Sample Info: DLC1L102,MS,1,,0,1,0,8260BCL.M,C09420
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



BOE-C6-0158885

000466

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1002BC.B\C09421.D
Lab Smp Id: DLC1L103 Client Smp ID: C09421
Inj Date : 03-OCT-2000 05:56
Operator : AD Inst ID: mc.i
Smp Info : DLC1L103,MSD,1,,0,1,0,8260BCL.M,C09421
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Meth Date : 02-Oct-2000 20:58 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.498	3.492	(0.437)	543687	10.1304	10.13
$ 29 Dibromofluoromethane	111	6.888	6.882	(0.860)	1079764	11.4399	11.44
$ 33 1,2-Dichloroethane-d4	65	7.420	7.414	(0.926)	440900	11.8837	11.88
34 1,2-Dichloroethane-d4 2nd	102	7.410	7.424	(0.925)	106211	11.6320	11.63
35 Benzene	78	7.519	7.513	(0.938)	1550482	10.3307	10.33
* 38 Fluorobenzene	96	8.012	8.006	(1.000)	1972838	10.0000	
39 Trichloroethene	130	8.652	8.646	(1.080)	846407	10.0551	10.06
$ 47 Toluene-d8	98	10.811	10.805	(0.802)	1730027	10.6064	10.61
48 Toluene (*)	91	10.929	10.933	(0.811)	1830024	9.87765	9.88
* 56 Chlorobenzene-d5	117	13.482	13.476	(1.000)	1420277	10.0000	
57 Chlorobenzene (**)	112	13.531	13.525	(1.004)	1369895	9.91897	9.92
$ 66 4-Bromofluorobenzene	95	15.788	15.802	(1.171)	1025073	10.9421	10.94
67 4-Bromofluorobenzene-2nd	174	15.788	15.792	(1.171)	883306	11.1357	11.14
* 79 1,4-Dichlorobenzene-d4	152	18.114	18.118	(1.000)	843900	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09421.D
Lab Smp Id: DLC1L103
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Misc Info: ,25,,,3,SPK.SUB,SH.SPK

Calibration Date: 02-OCT-2000
Calibration Time: 19:21
Client Smp ID: C09421
Level: LOW
Sample Type: WATER

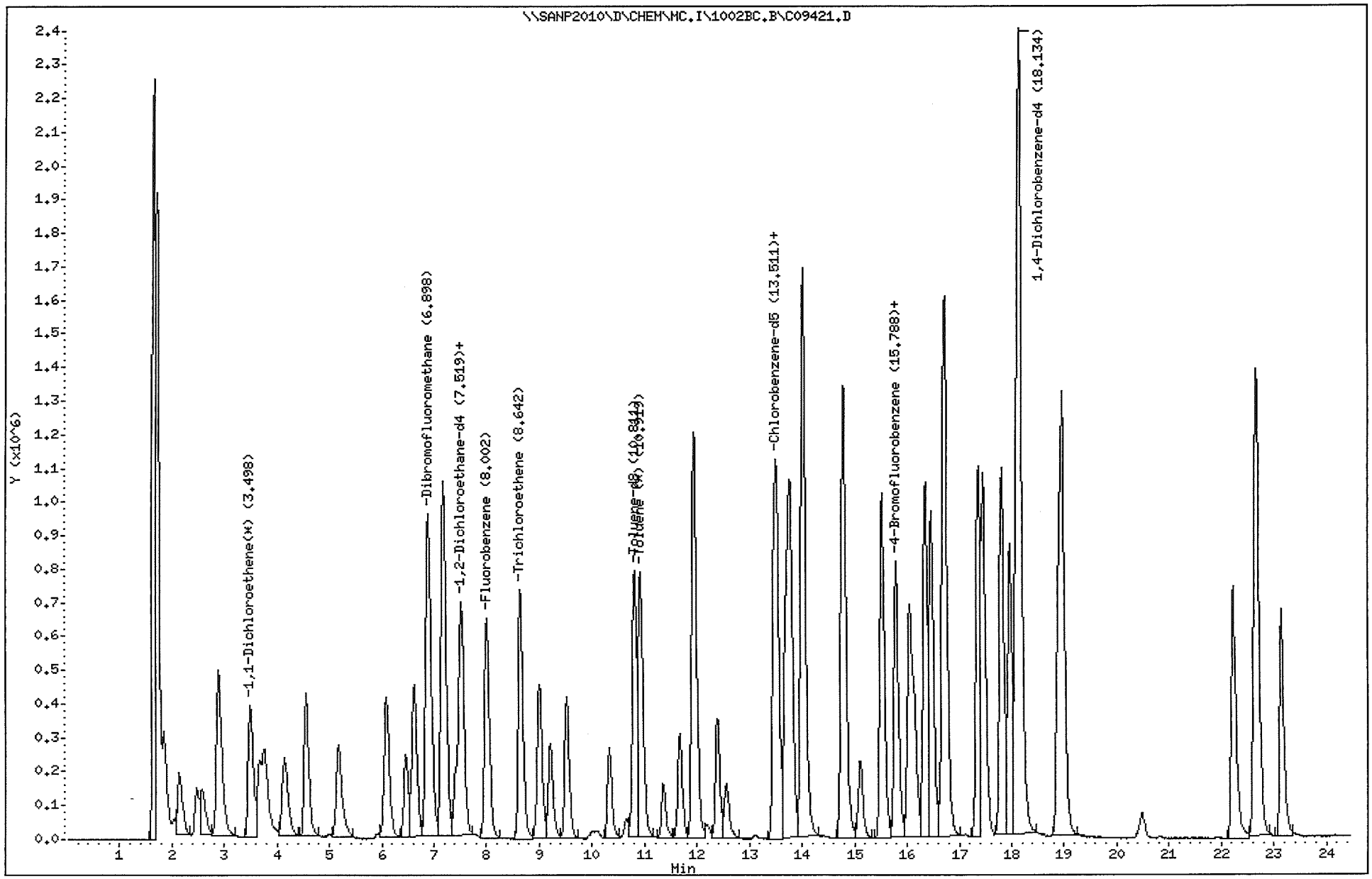
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1943155	971578	3886310	1972838	1.53
56 Chlorobenzene-d5	1352641	676321	2705282	1420277	5.00
79 1,4-Dichlorobenze	794589	397295	1589178	843900	6.21

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.01	0.08
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	0.04
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.11	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09421.D
Date : 03-OCT-2000 05:56
Client ID: C09421
Sample Info: DLC1L103,MSD,1,,0,1,0,8260BCL.M,C09421
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



BOE-C6-0158889

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\1002BC.B\C09403.D
Lab Smp Id: DLC9D101 Client Smp ID: C09403
Inj Date : 02-OCT-2000 21:00
Operator : AD Inst ID: mc.i
Smp Info : DLC9D101,,1,,0,1,0,8260BCL.M,C09403
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Meth Date : 02-Oct-2000 20:58 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

Concentration Formula: Amt * DF * Uf * Vod/Vo

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Fctor
Vod	25.000	Default Sample Volume
Vo	25.000	Sample Volume

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
14 Acrylonitrile	53	7.437	7.414	(0.927)	37577	69.3720	69.37(Q)
$ 29 Dibromofluoromethane	111	6.895	6.882	(0.860)	874833	9.74029	9.74
$ 33 1,2-Dichloroethane-d4	65	7.427	7.414	(0.926)	309160	8.75687	8.76
34 1,2-Dichloroethane-d4 2nd	102	7.437	7.424	(0.927)	77020	8.86430	8.86
37 Tert-amyl methyl ether	73	8.019	7.799	(1.000)	26765	0.40316	0.403(a)
* 38 Fluorobenzene	96	8.019	8.006	(1.000)	1877314	10.0000	
$ 47 Toluene-d8	98	10.818	10.805	(0.803)	1519353	9.83927	9.84
* 56 Chlorobenzene-d5	117	13.479	13.476	(1.000)	1344578	10.0000	
$ 66 4-Bromofluorobenzene	95	15.795	15.802	(1.172)	1015451	11.4496	11.45
67 4-Bromofluorobenzene-2nd	174	15.805	15.792	(1.173)	875338	11.6566	11.66
* 79 1,4-Dichlorobenzene-d4	152	18.131	18.118	(1.000)	734466	10.0000	(Q)

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: mc.i
Lab File ID: C09403.D
Lab Smp Id: DLC9D101
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2010\D\CHEM\MC.I\1002BC.B\8260BCL.m
Misc Info: ,25,,,0,1-8260B.SUB

Calibration Date: 02-OCT-2000
Calibration Time: 19:21
Client Smp ID: C09403
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1943155	971578	3886310	1877314	-3.39
56 Chlorobenzene-d5	1352641	676321	2705282	1344578	-0.60
79 1,4-Dichlorobenze	794589	397295	1589178	734466	-7.57

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	8.01	7.51	8.51	8.02	0.16
56 Chlorobenzene-d5	13.48	12.98	13.98	13.48	0.02
79 1,4-Dichlorobenze	18.12	17.62	18.62	18.13	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC9D101
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa94223
Client Smp ID: C09403
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\1002BC.B\C09403.D
Lab Smp Id: DLC9D101 Client Smp ID: C09403
Inj Date : 02-OCT-2000 21:00
Operator : AD Inst ID: mc.i
Smp Info : DLC9D101,,1,,0,1,0,8260BCL.M,C09403
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\1002BC.B\8260BCL.m
Meth Date : 03-Oct-2000 18:54 donga Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

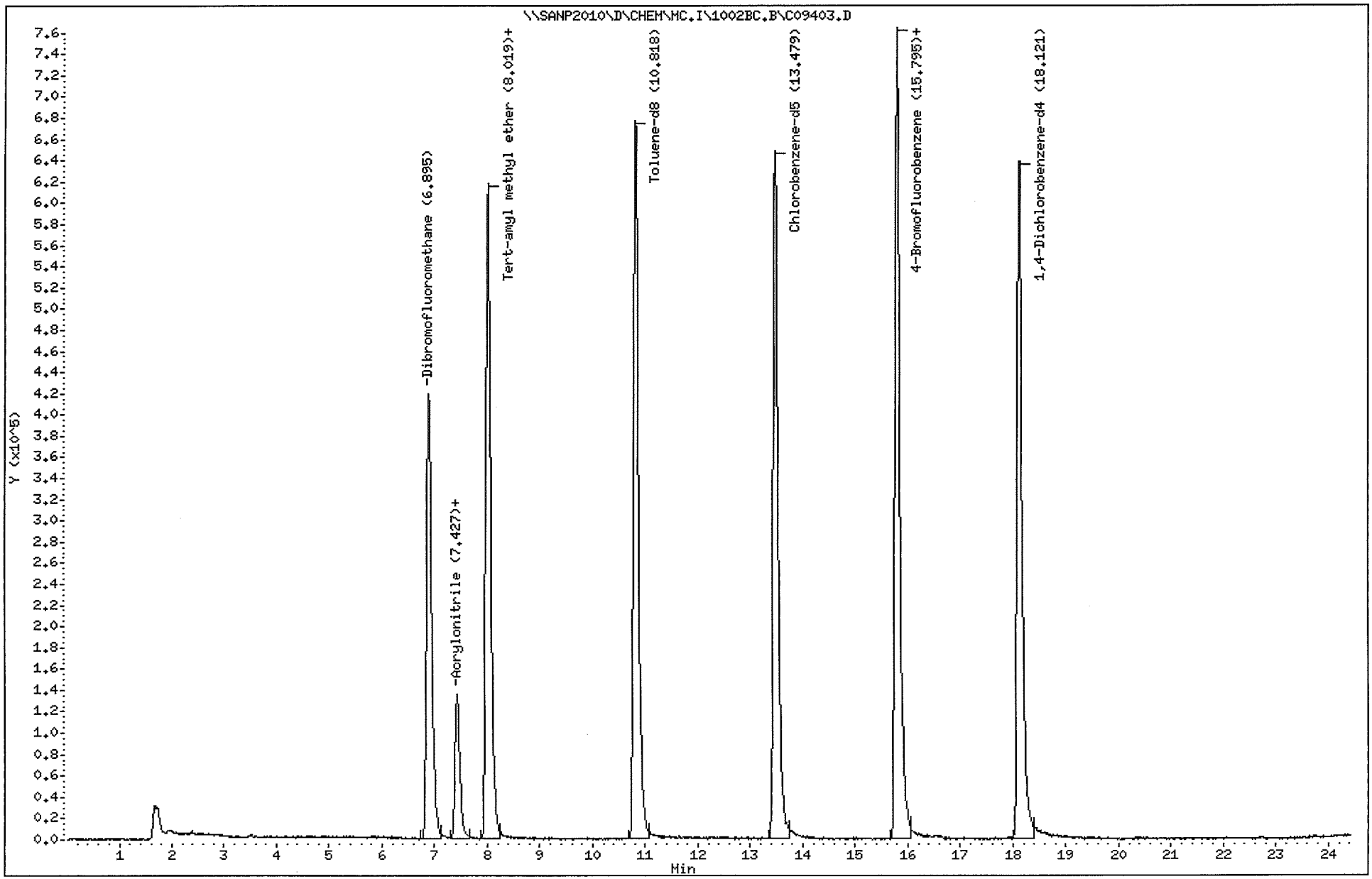
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09403.D
Date : 02-OCT-2000 21:00
Client ID: C09403
Sample Info: DLC9D101,,1,,0,1,0,8260BCL.M,C09403
Purge Volume: 25.0
Column phase: J&W DB-624

Instrument: mc.i
Operator: AD
Column diameter: 0.53



000476

BOE-C6-0158895

Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09403.D

Date : 02-OCT-2000 21:00

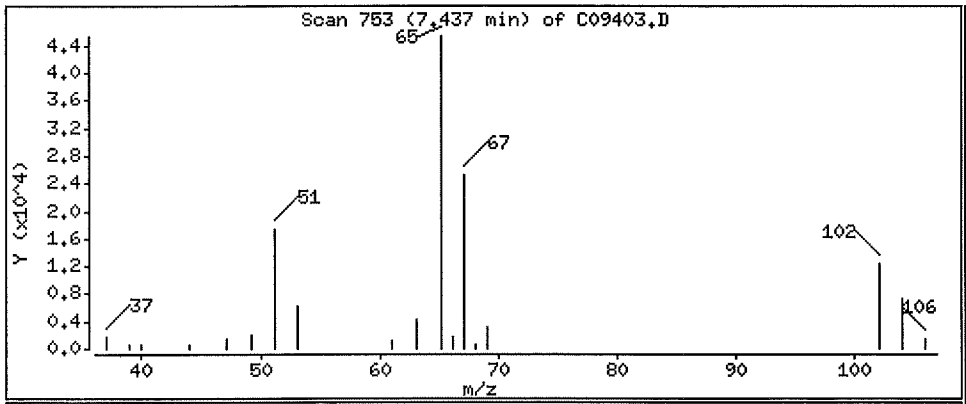
Client ID: C09403 | Instrument: mc.i

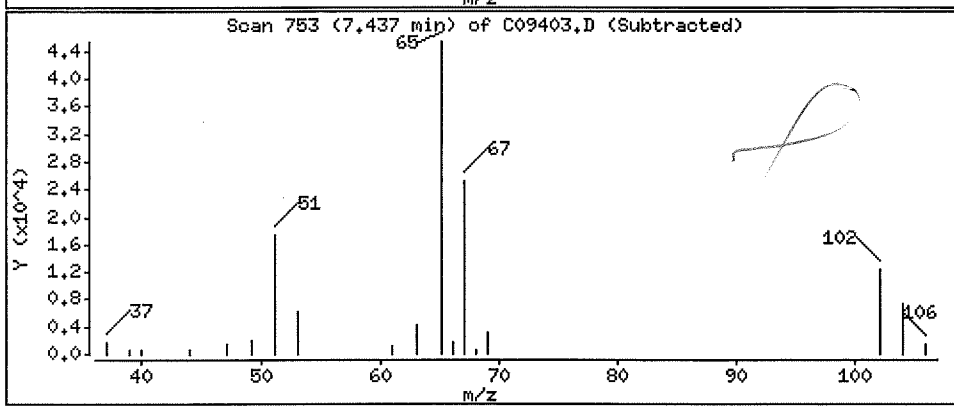
Sample Info: DLC9D101,,1,,0,1,0,8260BCL.M,C09403

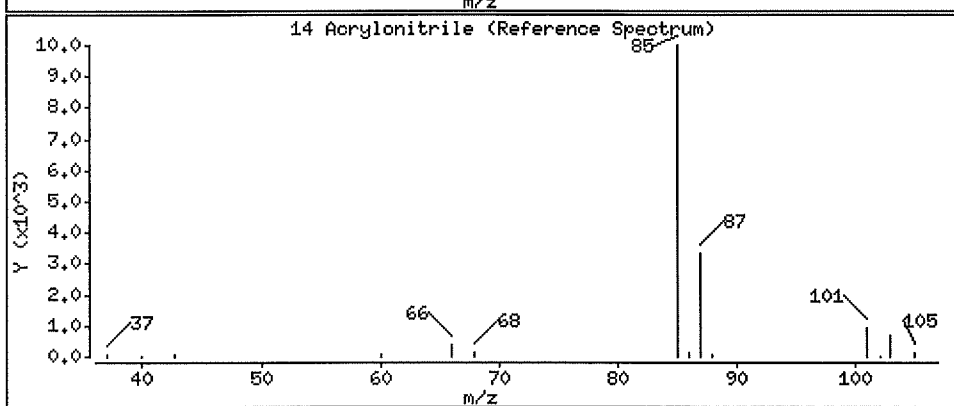
Purge Volume: 25.0 | Operator: AD

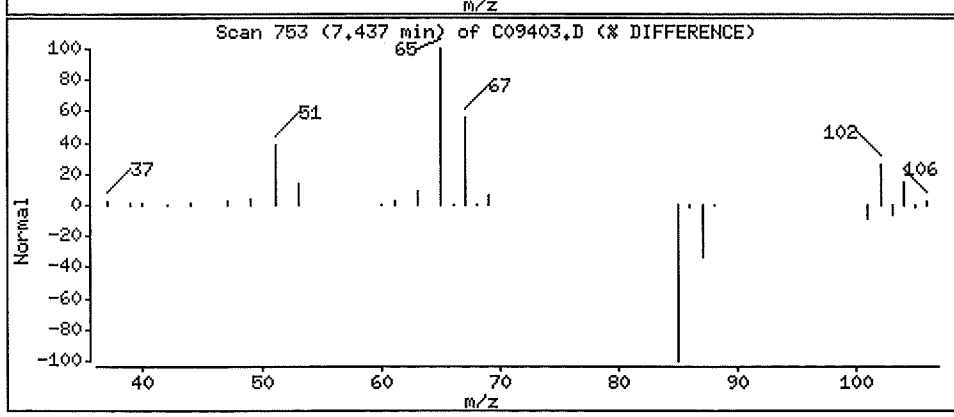
Column phase: J&W DB-624 | Column diameter: 0.53

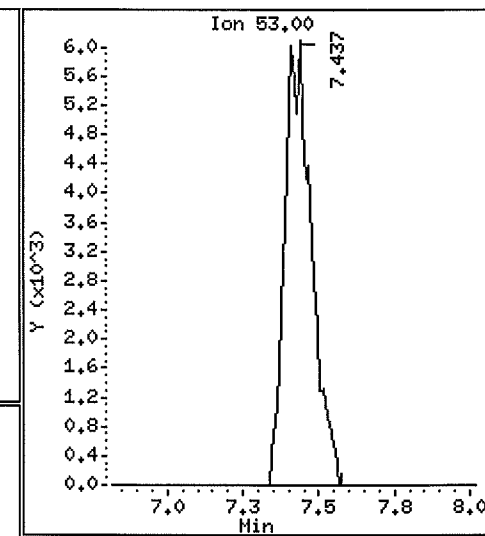
14 Acrylonitrile | Concentration: 69.37 ug/L

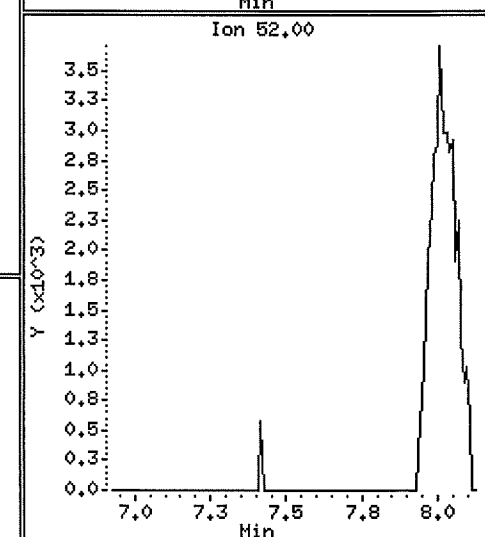


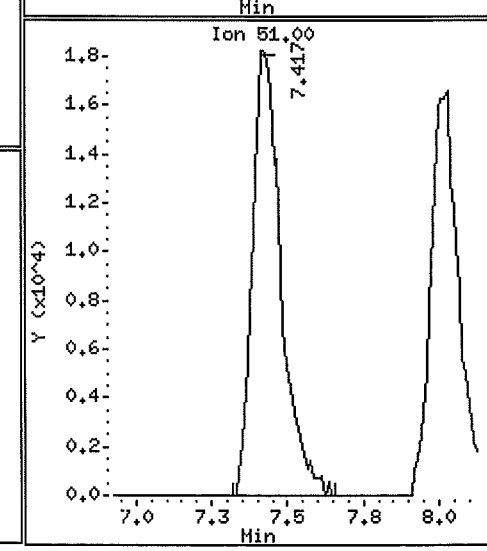












Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09403.D

Date : 02-OCT-2000 21:00

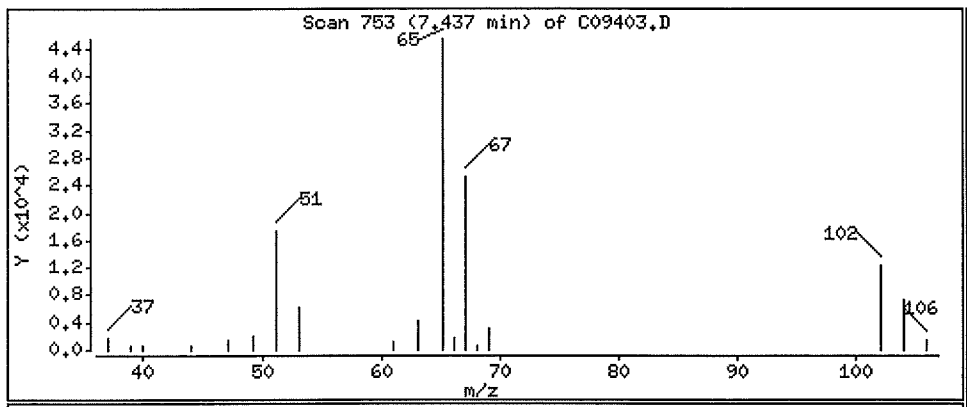
Client ID: C09403 Instrument: mc.i

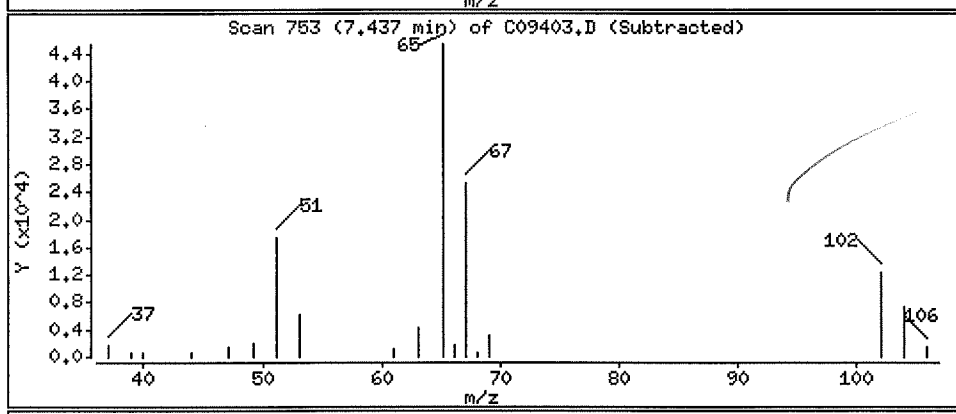
Sample Info: DLC9D101,,1,,0,1,0,8260BCL.M,C09403

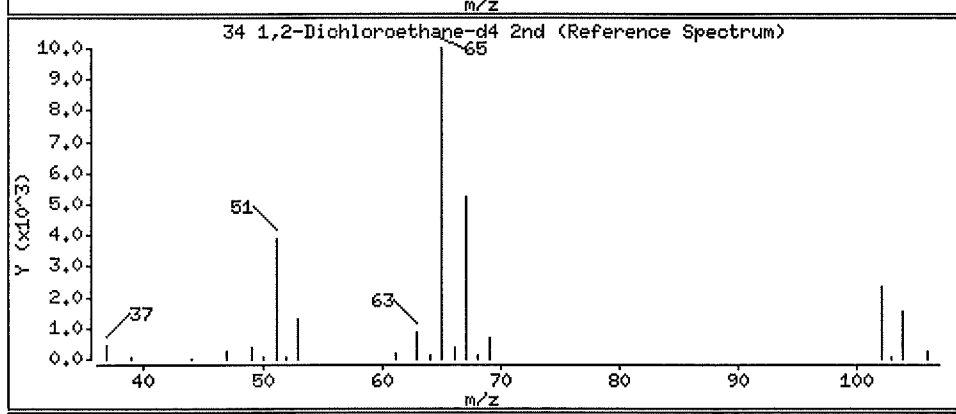
Purge Volume: 25.0 Operator: AD

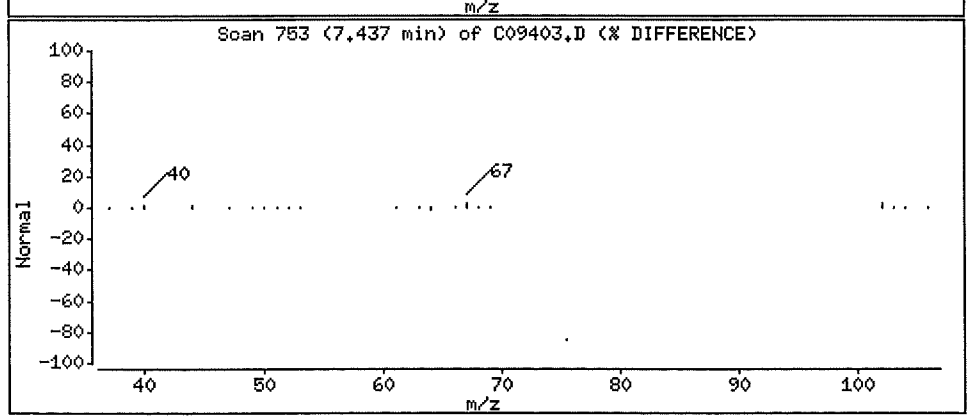
Column phase: J&W DB-624 Column diameter: 0.53

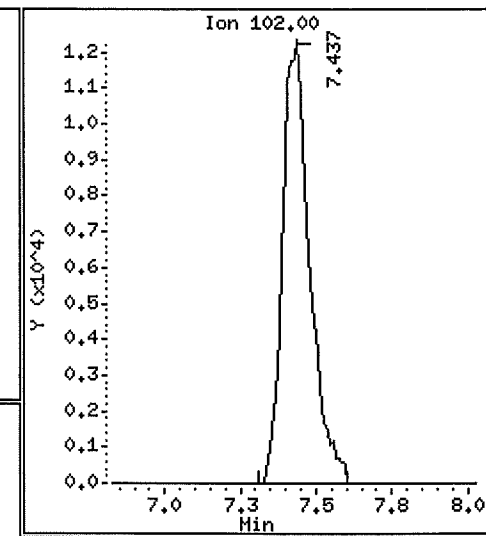
34 1,2-Dichloroethane-d4 2nd Concentration: 8.86 ug/L

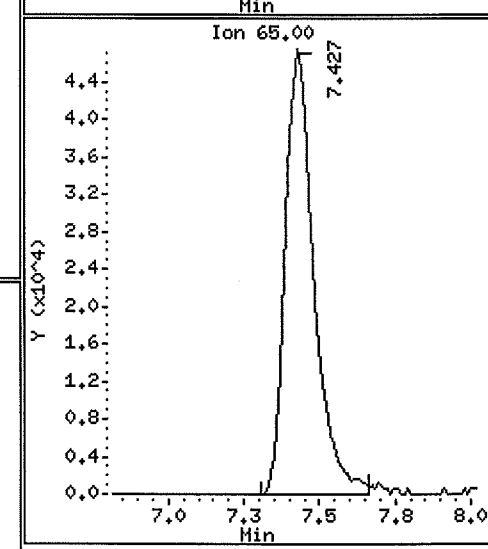












Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09403.D

Date : 02-OCT-2000 21:00

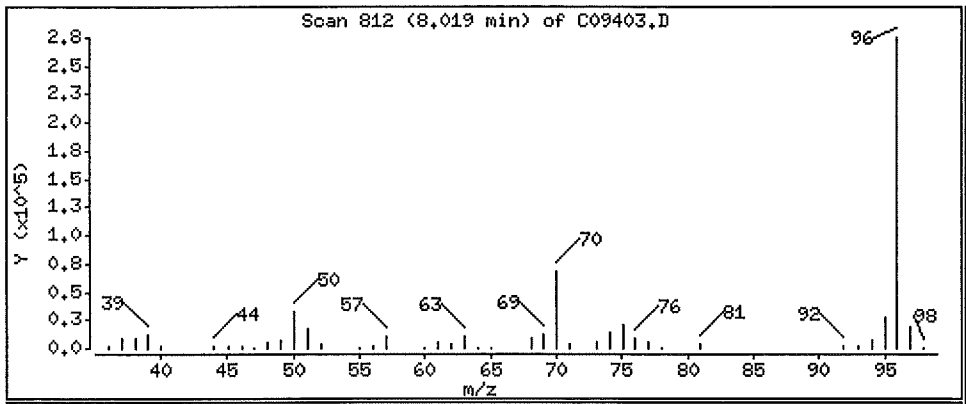
Client ID: C09403 Instrument: mc.i

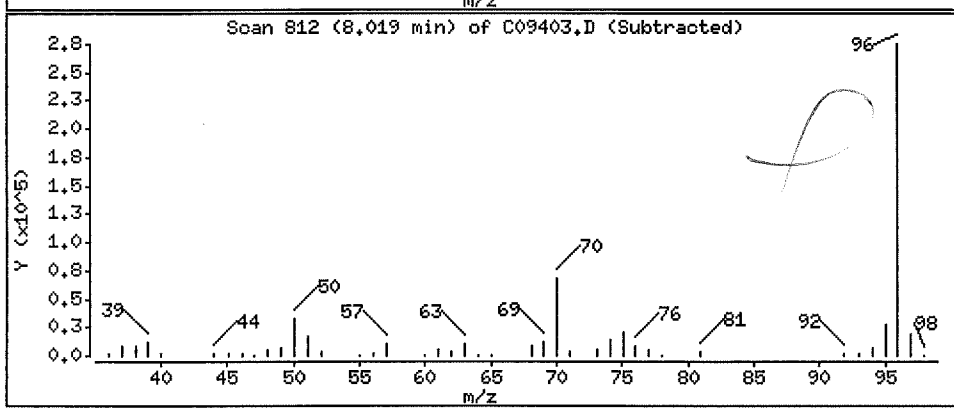
Sample Info: DLC9D101,,1,,0,1,0,8260BCL.H,C09403

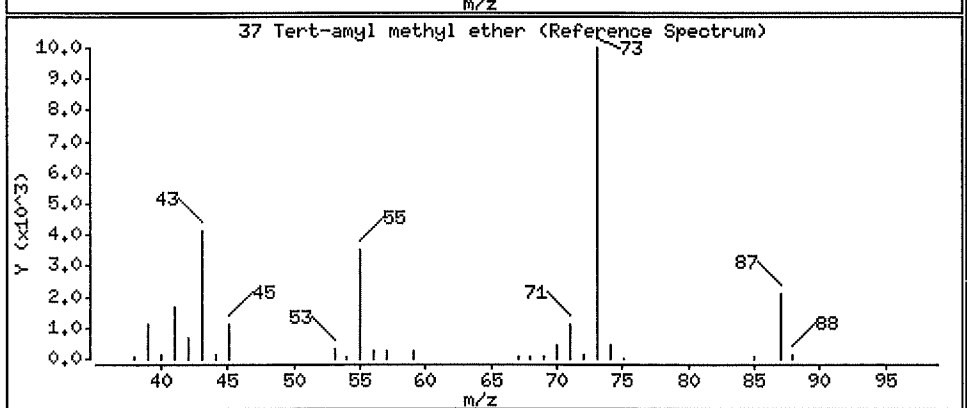
Purge Volume: 25.0 Operator: AD

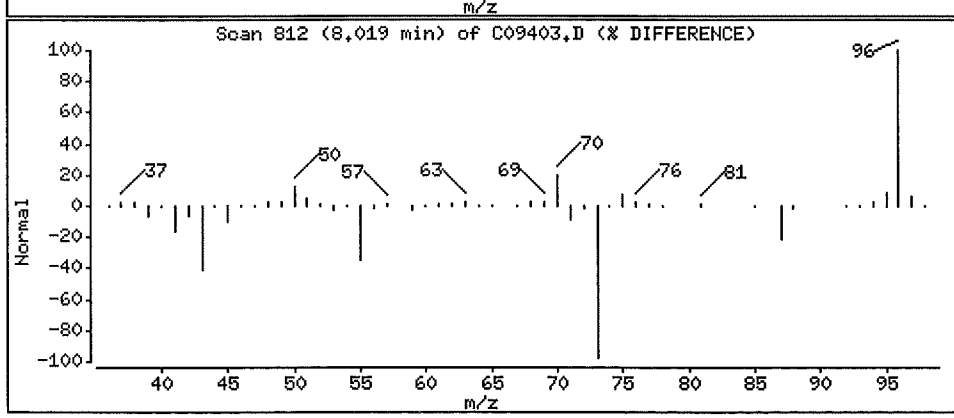
Column phase: J&W DB-624 Column diameter: 0.53

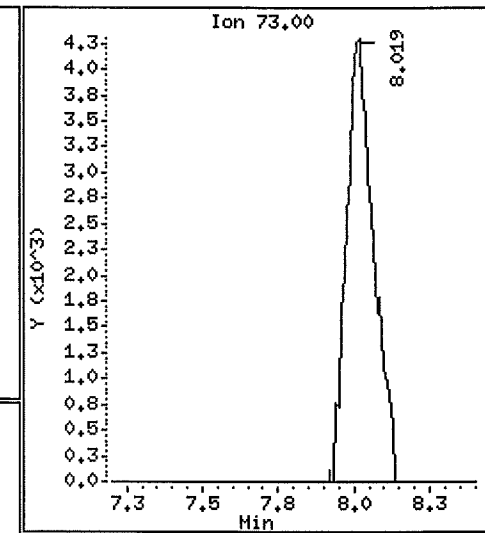
37 Tert-amyl methyl ether Concentration: 0.403 ug/L

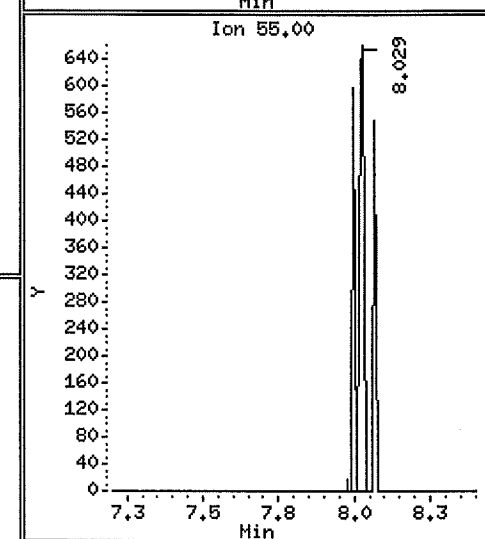


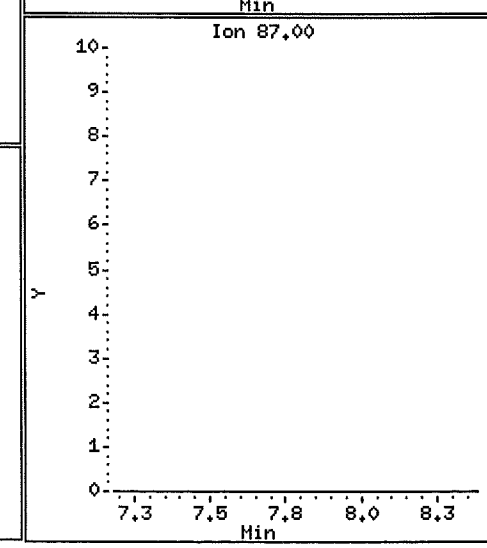












Data File: \\SANP2010\D\CHEM\MC.I\1002BC.B\C09403.D

Date : 02-OCT-2000 21:00

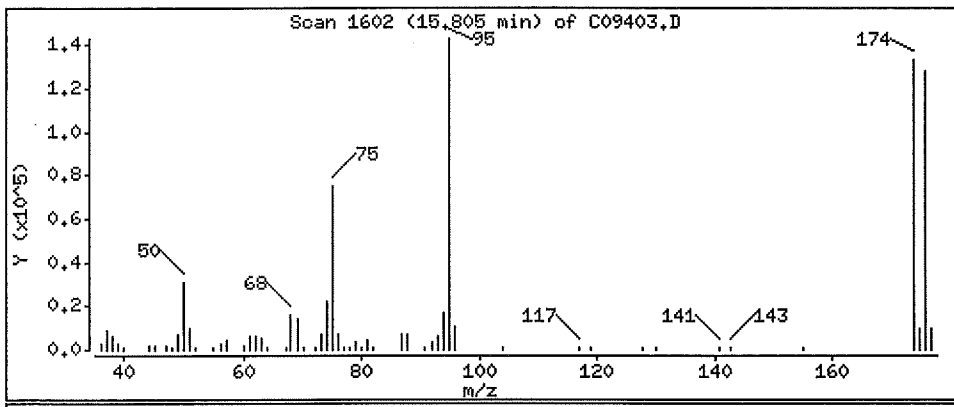
Client ID: C09403 Instrument: mc.i

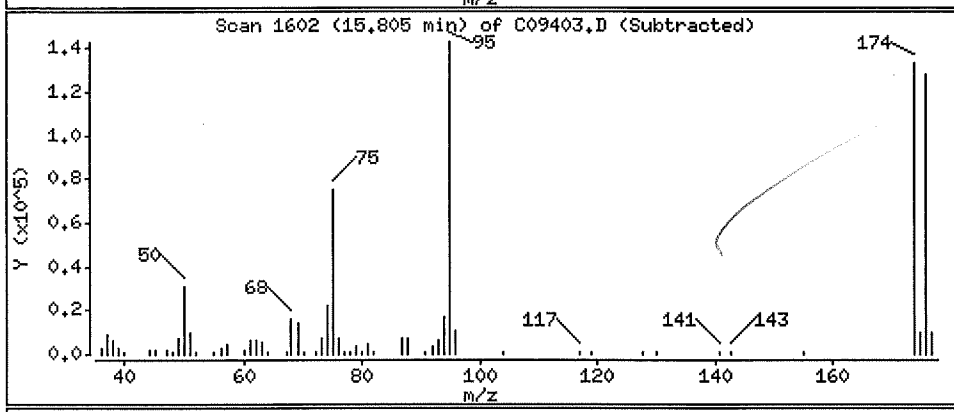
Sample Info: DLC9D101,,1,,0,1,0,8260BCL.M,C09403

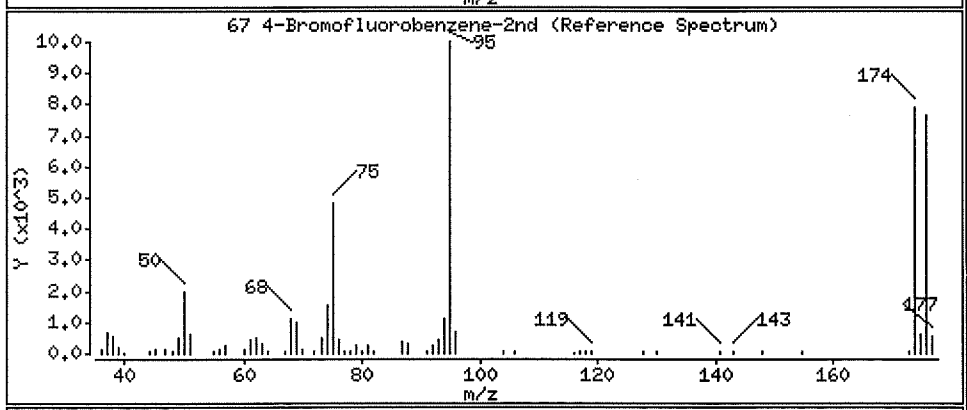
Purge Volume: 25.0 Operator: AD

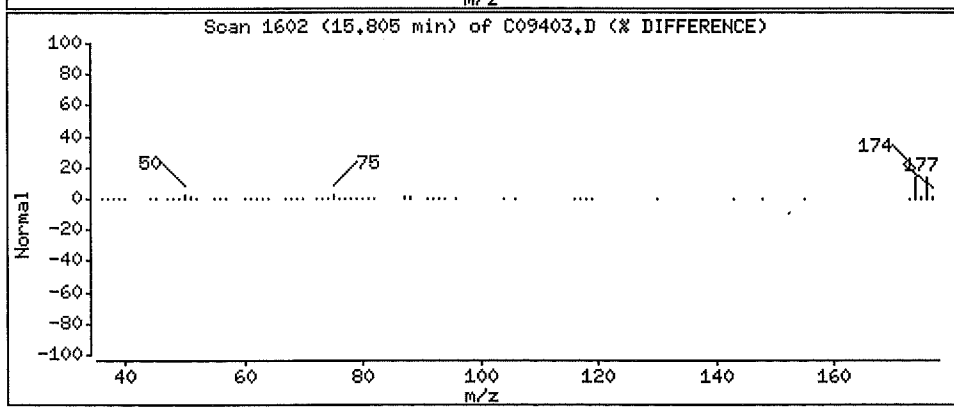
Column phase: J&W DB-624 Column diameter: 0.53

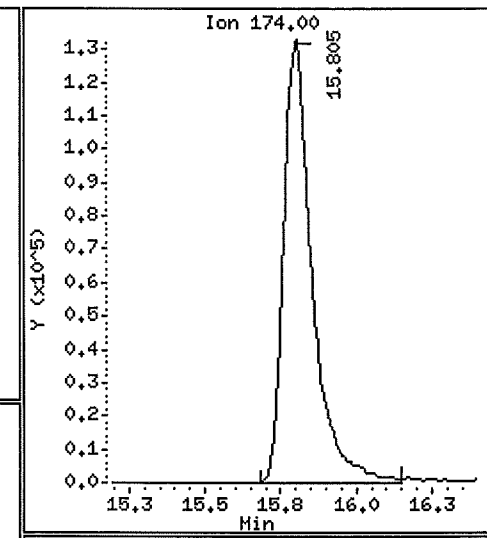
67 4-Bromofluorobenzene-2nd Concentration: 11.66 ug/L

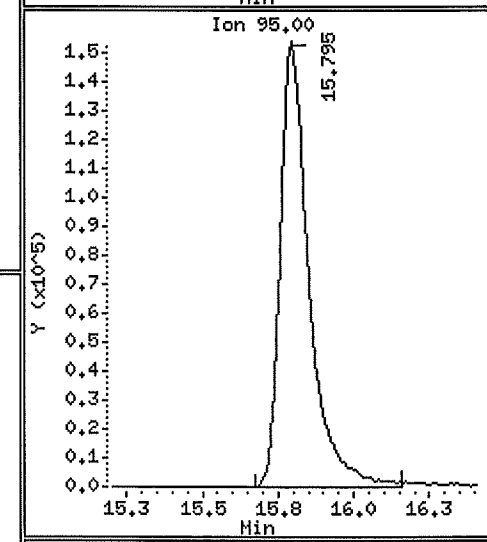


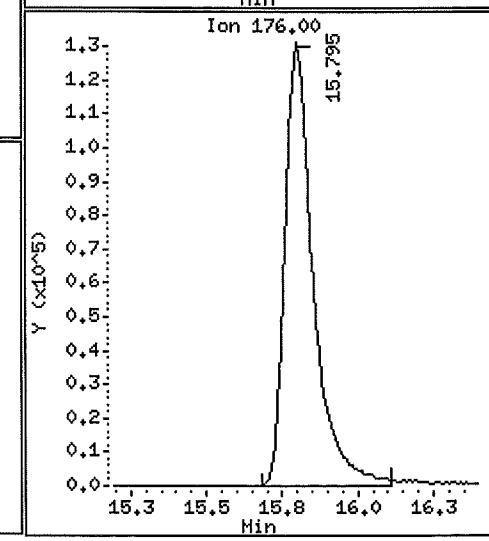












8260B SAMPLE / QC DATA

DATE ANALYZED: 10/6/00 B

INSTRUMENT ID: D

SAMPLES: EOI290371

BOE-C6-0158900

STL Los A s

FJK 1/00

GC/MS VOA Run Log

Batch ID: 0281159

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Seq File: 10/06/1310

Tune File: BFB.U

Date: 10/06/2000 PM

Inst ID: MSD

EM Set: 1706

Init. Cal ID: V260BDA 10-4-2000

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
									✓			MSVOA1198-1
19:50	AD	DF1567	50ng BFB			1µg						12462
20:10		DS2524	50ppb V260B	1	5	5g	1.0	141	✓			OC1244-2
20:57		DI2797	LCS-100613D	2				140	✓			
21:24		98	MB-100613D	3				134	✓			EOF290370-10
22:03		99	DLC6W104	4				137	✓			
22:35		DI2800	DLC6Y104	5				45	N	✓		Lowis -11
23:07		01	DLC6W105S	6				130	✓			-10MS
23:39		02	DLC6W105D	7				134	✓			-10MSD
0:11		03	DLC70104	8				129	✓			-12
0:44		04	DLC71104	9				70	N	✓		-13
1:14		05	DLC72104	10				128	✓			-14
1:46		06	DLC73104	11				82	✓			-15
2:18		07	DLC74104	12				125	✓			-16
2:50		08	DLC75104	13				85	✓			-17
3:21		09	DLC76104	14				127	✓			-18
3:53		10	DLC78104	15				100	✓			-20
4:26		11	DLC79104	16				124	✓			-21
4:57		12	DLC7A104	17				124	✓			-22
5:29		13	DLC7C104	18				127	✓			-23
6:00		14	DLC7D104	19				121	✓			-24
6:32		15	DLC7E104	20				123	✓			-25
7:04		16	DLC6X104	21				121	✓			-11
7:36		DI2817	DLC7J101	22				102	✓		✓	EOF 290371 1

000482

000093

Version 01/04/99

G:\FORMS\Run Log\MSV Runlog.DOC

BOE-C6-0158901

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA02193

Lab File ID (Standard): DS2524 Date Analyzed: 10/06/00

Instrument ID: MD Time Analyzed: 2010

Matrix: (soil/water) SOIL Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1413131	7.10	1236653	12.61	921292	17.28
	UPPER LIMIT	2826262	7.60	2473306	13.11	1842584	17.78
	LOWER LIMIT	706566	6.60	618327	12.11	460646	16.78
	EPA SAMPLE NO.						
01	D126797	1409038	7.10	1237296	12.61	917282	17.27
02	D12778	1348081	7.10	1229413	12.62	872041	17.27
03	D12799	1376361	7.11	1239441	12.62	886079	17.26
04	D12800	459018*	7.09	415609*	12.62	300400*	17.26
05	D12801	1308348	7.10	1204173	12.61	895507	17.27
06	D12802	1345974	7.10	1192112	12.61	897654	17.27
07	D12803	1299711	7.10	1202070	12.61	860656	17.26
08	D12804	704243*	7.11	632355	12.63	464135	17.27
09	D12805	1283705	7.09	1164116	12.62	842248	17.27
10	D12806	824335	7.10	774709	12.62	555710	17.26
11	D12807	1256506	7.11	1158629	12.61	827393	17.26
12	D12808	859736	7.10	803522	12.62	574591	17.27
13	D12809	1274922	7.09	1141975	12.63	824638	17.27
14	D12810	1001323	7.11	917853	12.61	678064	17.26
15	D12811	1243891	7.09	1159639	12.61	831310	17.27
16	D12812	1248772	7.09	1148338	12.61	818042	17.26
17	D12813	1276150	7.10	1177444	12.61	859156	17.26
18	D12814	1211942	7.10	1132820	12.64	805943	17.29
19	D12815	1238447	7.09	1148294	12.62	815382	17.26
20	D12816	1215154	7.10	1127528	12.62	799828	17.27
21	D12817	1023318	7.10	940474	12.61	661949	17.26
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1006BD.B\DT1567.D
Lab Smp Id:
Inj Date : 06-OCT-2000 19:50
Operator : AD Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1006BD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.8028	1.8000	(0.000)	95	76176			0.00- 100.00	100.00
1.8028	1.8000	(0.000)	50	13065			15.00- 40.00	17.15
1.8028	1.8000	(0.000)	75	38672			30.00- 60.00	50.77
1.8028	1.8000	(0.000)	96	6283			5.00- 9.00	8.25
1.8028	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.8028	1.8000	(0.000)	174	62384			50.00- 0.00	81.89
1.8028	1.8000	(0.000)	175	4824			5.00- 9.00	7.73
1.8028	1.8000	(0.000)	176	61184			95.00- 101.00	98.08
1.8028	1.8000	(0.000)	177	4433			5.00- 9.00	7.25

JM
10/6/2000

Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\DT1567.D

Date : 06-OCT-2000 19:50

Client ID:

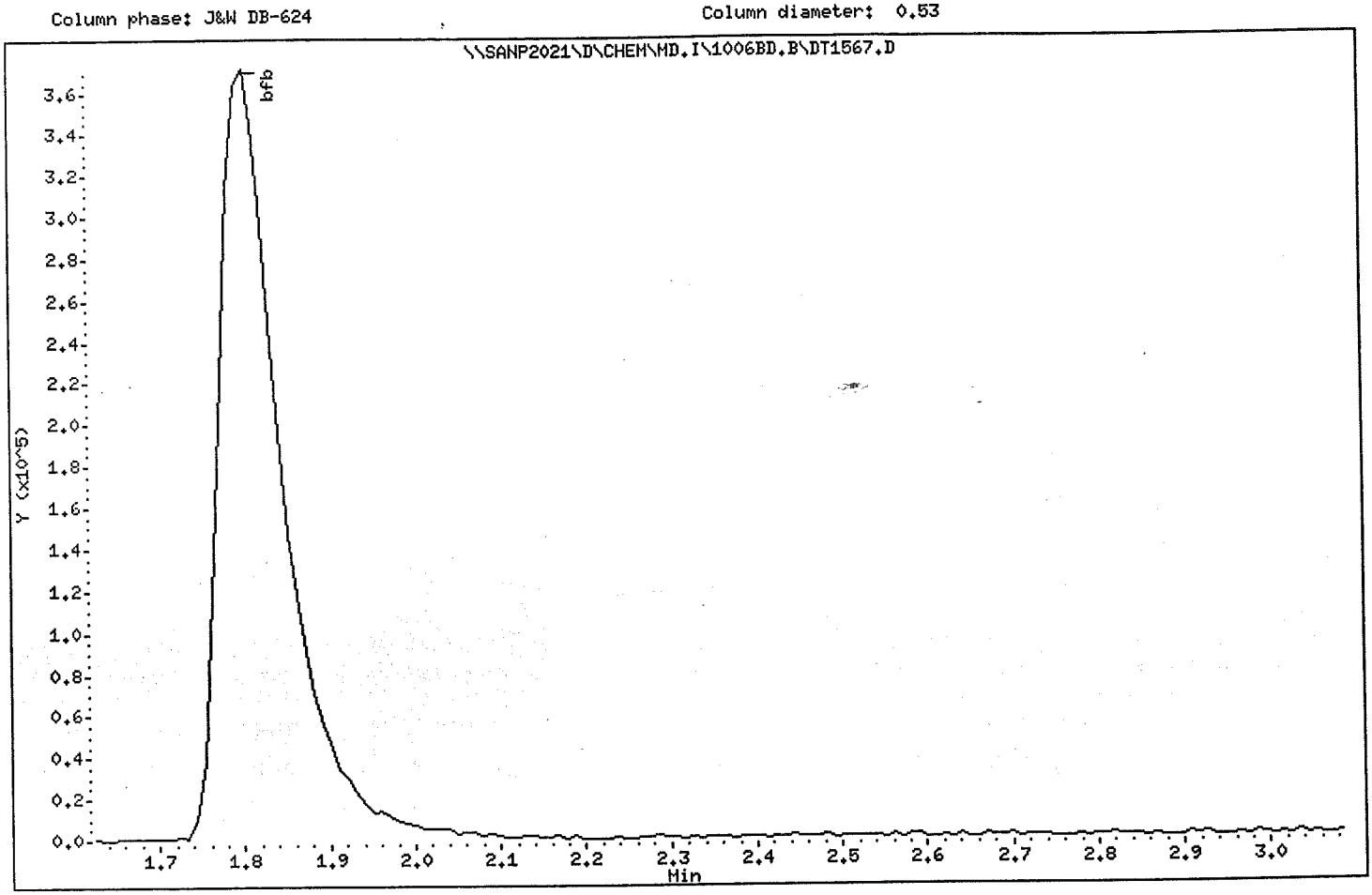
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\DT1567.D

Date : 06-OCT-2000 19:50

Client ID:

Instrument: md.i

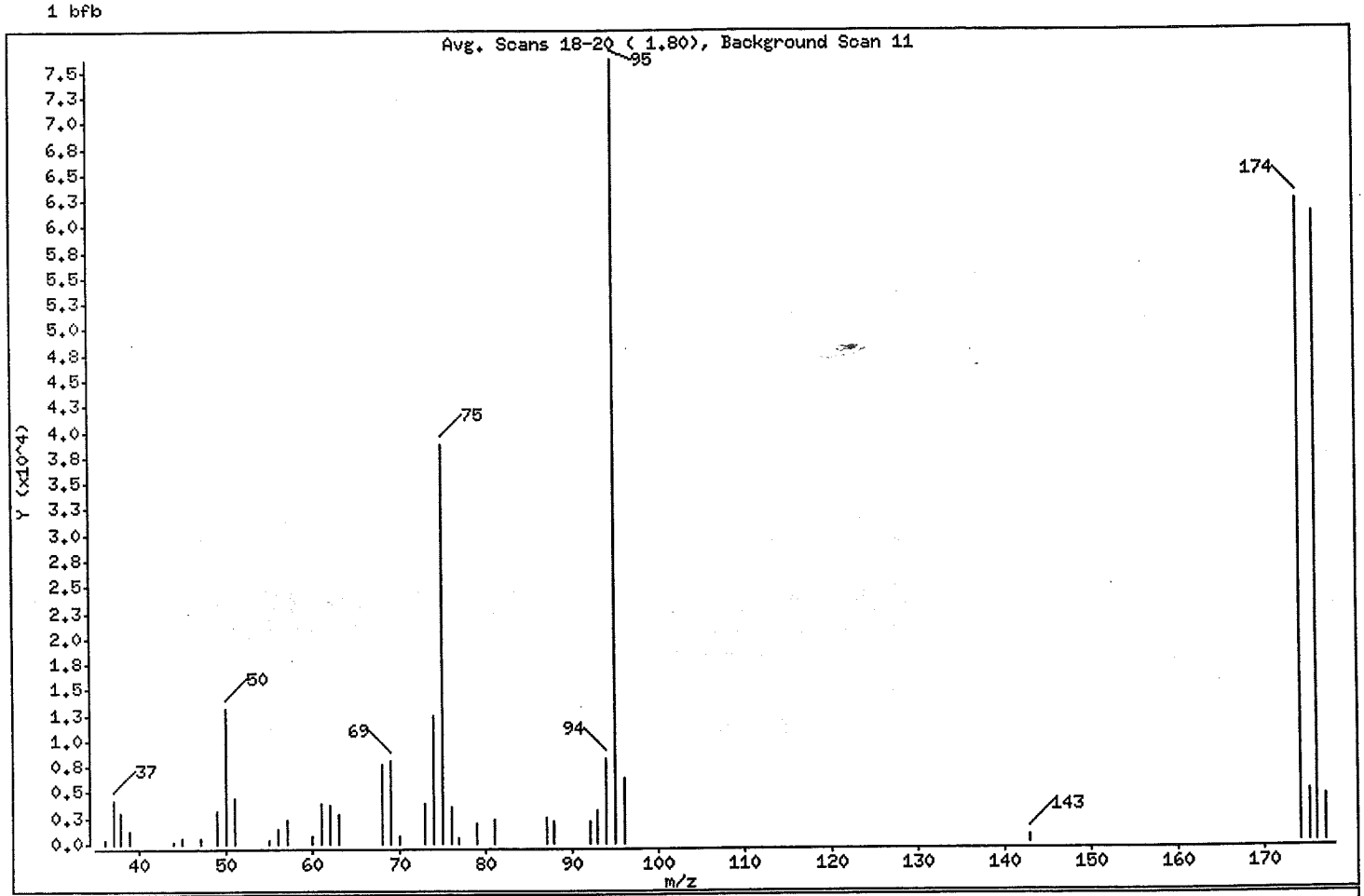
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.15
75	30.00 - 60.00% of mass 95	50.77
96	5.00 - 9.00% of mass 95	8.25
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	81.89
175	5.00 - 9.00% of mass 174	6.33 (7.73)
176	95.00 - 101.00% of mass 174	80.32 (98.08)
177	5.00 - 9.00% of mass 176	5.82 (7.25)

Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\DT1567.D

Date : 06-OCT-2000 19:50

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1567.D
Spectrum: Avg. Scans 18-20 (1.80), Background Scan 11
Location of Maximum: 95.00
Number of points: 39

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	291	55.00	335	73.00	3888	93.00	3189
37.00	4252	56.00	1381	74.00	12353	94.00	8262
38.00	2910	57.00	2194	75.00	38672	95.00	76176
39.00	1269	60.00	677	76.00	3461	96.00	6283
44.00	140	61.00	3914	77.00	567	143.00	686
45.00	577	62.00	3684	79.00	1983	174.00	62384
47.00	530	63.00	2836	81.00	2261	175.00	4824
49.00	3144	68.00	7766	87.00	2411	176.00	61184
50.00	13065	69.00	8112	88.00	2086	177.00	4433
51.00	4379	70.00	704	92.00	2072		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2524.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m

Injection Date: 06-OCT-2000 20:10
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.40859	0.010	-8.5	50.0
	2 Vinyl chloride (*)	0.21607	0.20940	0.010	-3.1	20.0
	3 Chloromethane (**)	0.19012	0.18077	0.100	-4.9	50.0
	4 Bromomethane	0.21985	0.21971	0.010	-0.1	50.0
	5 Chloroethane	0.13964	0.14632	0.010	4.8	50.0
	6 Trichlorofluoromethane	0.71629	0.84882	0.010	18.5	50.0
	7 Acrolein	0.01339	0.00985	0.001	-26.4	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.29130	0.010	3.4	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.52048	0.010	10.8	50.0
	10 Acetone	0.05535	0.05754	0.010	4.0	50.0
	11 Iodomethane	0.54249	0.59332	0.001	9.4	50.0
	12 Carbon disulfide	0.63173	0.64220	0.010	1.7	50.0
	13 Methylene chloride	0.28611	0.30660	0.010	7.2	50.0
	14 t-Butanol	0.00726	0.00707	0.001	-2.6	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.34222	0.010	4.8	50.0
	16 Acrylonitrile	0.04256	0.04468	0.001	5.0	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.78529	0.010	4.4	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.58396	0.100	3.7	50.0
	19 Vinyl acetate	0.72587	0.71876	0.010	-1.0	50.0
	20 Isopropyl ether	0.97354	0.95027	0.010	-2.4	20.0
	21 2,2-Dichloropropane	0.61103	0.62310	0.010	2.0	50.0
	22 Tert-butyl ethyl ether	0.93101	0.91409	0.010	-1.8	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.36219	0.010	9.2	50.0
	24 2-Butanone	0.09614	0.10250	0.010	6.6	50.0
	25 Bromochloromethane	0.21883	0.24687	0.010	12.8	50.0
	26 Chloroform (*)	0.73233	0.80243	0.010	9.6	20.0
	27 Tetrahydrofuran	0.05809	0.06820	0.010	17.4	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.35221	0.010	7.0	50.0
$	29 Dibromofluoromethane	0.71120	0.66871	0.010	-6.0	50.0
	30 1,1,1-Trichloroethane	0.76256	0.83450	0.010	9.4	50.0
	31 Carbon Tetrachloride	0.72937	0.81573	0.010	11.8	50.0
	32 1,1-Dichloropropene	0.54325	0.57032	0.010	5.0	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.45867	0.010	-4.5	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.08790	0.010	-9.2	50.0
	35 Benzene	0.84852	0.88201	0.010	3.9	50.0

AM 10/6/2000

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2524.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m

Injection Date: 06-OCT-2000 20:10
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.56759	0.010	6.2	50.0	
	37 Tert-amyl methyl ether	0.88326	0.90896	0.010	2.9	20.0	
	39 Trichloroethene	0.46731	0.50354	0.010	7.8	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.34807	0.010	0.6	20.0	
	41 Dibromomethane	0.32224	0.35764	0.010	11.0	50.0	
	42 Bromodichloromethane	0.71616	0.78281	0.010	9.3	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.55287	0.010	-29.9	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.05482	0.010	24.8	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.55292	0.010	2.3	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.27872	0.010	7.1	50.0	
$	47 Toluene-d8	1.15748	1.07419	0.010	-7.2	50.0	
	48 Toluene (*)	1.22215	1.25900	0.010	3.0	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.57564	0.010	3.2	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.42900	0.010	6.4	50.0	
	51 Tetrachloroethene	0.55481	0.59692	0.010	7.6	50.0	
	52 1,3-Dichloropropane	0.63464	0.64190	0.010	1.1	50.0	
	53 2-Hexanone	0.22062	0.22940	0.010	4.0	50.0	
	54 Dibromochloromethane	0.73783	0.79148	0.010	7.3	50.0	
	55 1,2-Dibromoethane	0.61043	0.65157	0.010	6.7	50.0	
	57 Chlorobenzene (**)	0.98253	1.02368	0.300	4.2	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.63622	0.010	7.1	50.0	
	59 Ethylbenzene (*)	0.45846	0.47886	0.010	4.5	20.0	
	60 m,p-Xylenes	0.57596	0.58557	0.010	1.7	50.0	
	61 o-Xylene	0.55644	0.58980	0.010	6.0	50.0	
	62 Styrene	0.92422	0.96326	0.010	4.2	50.0	
M	63 Xylenes (total)	0.56945	0.58698	0.010	3.1	50.0	
	64 Bromoform (**)	0.59517	0.66717	0.100	12.1	50.0	
	65 Isopropylbenzene	1.75437	1.85495	0.010	5.7	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	0.91252	0.010	-8.3	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.19382	0.010	-10.2	50.0	
	68 Bromobenzene	0.83061	0.84607	0.010	1.9	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.87020	0.300	1.7	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.30652	0.010	9.4	50.0	
	71 n-Propylbenzene	2.58803	2.61202	0.010	0.9	50.0	
	72 2-Chlorotoluene	0.62571	0.62163	0.010	-0.7	50.0	
	73 4-Chlorotoluene	0.65344	0.64489	0.010	-1.3	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2524.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m

Injection Date: 06-OCT-2000 20:10
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.11542	0.010	1.6	50.0
75 tert-Butylbenzene	2.15036	2.22412	0.010	3.4	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.11160	0.010	-0.4	50.0
77 sec-Butylbenzene	2.82015	2.82530	0.010	0.2	50.0
78 1,3-Dichlorobenzene	1.39311	1.40920	0.010	1.2	50.0
80 1,4-Dichlorobenzene	1.51990	1.51459	0.010	-0.3	50.0
81 p-Isopropyltoluene	2.32696	2.37830	0.010	2.2	50.0
82 1,2-Dichlorobenzene	1.33233	1.35048	0.010	1.4	50.0
83 n-Butylbenzene	2.22197	2.25783	0.010	1.6	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.30304	0.010	4.5	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.25126	0.010	1.7	50.0
86 Hexachlorobutadiene	0.92928	1.06986	0.010	15.1	50.0
87 Napthalene	1.86163	1.77240	0.010	-4.8	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.16428	0.010	1.4	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1006BD.B/DS2524.D
Inj. Date : 06-OCT-2000 20:10

ICAL Mid Point : //SANP2021/D/chem/md.i/1004AD.B/DS2515.D
Inj. Date : 04-OCT-2000 11:03

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.10	0.00	1480718	1413131	95.4%
Chlorobenzene-d5	12.63	12.61	0.02	1259551	1236653	98.2%
1,4-Dichlorobenzene-d4	17.27	17.28	-0.01	906122	921292	101.7%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2524.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Misc Info: 1242-2,,5,,2,all.SUB

Calibration Date: 06-OCT-2000
Calibration Time: 20:10

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1413131	706566	2826262	1413131	0.00
56 Chlorobenzene-d5	1236653	618327	2473306	1236653	0.00
79 1,4-Dichlorobenze	921292	460646	1842584	921292	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.00
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	0.00
79 1,4-Dichlorobenze	17.28	16.78	17.78	17.28	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1006BD.B\DS2524.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 06-OCT-2000 20:10
Operator : AD Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1242-2,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Meth Date : 06-Oct-2000 20:34 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	577384	50.0000	45.76
2 Vinyl chloride (*)	62	1.700	1.700	(0.240)	295911	50.0000	48.46
3 Chloromethane (**)	50	1.631	1.631	(0.230)	255452	50.0000	47.54
4 Bromomethane	94	1.976	1.976	(0.278)	310478	50.0000	49.97
5 Chloroethane	64	2.065	2.065	(0.291)	206775	50.0000	52.39
6 Trichlorofluoromethane	101	2.301	2.301	(0.324)	1199487	50.0000	59.25
7 Acrolein	56	2.696	2.696	(0.380)	139223	500.000	368.0(AQ)
8 1,1-Dichloroethene(*)	96	2.784	2.784	(0.392)	411646	50.0000	51.72
9 1,1,2-Trichlorotrifluoroethan	151	2.804	2.804	(0.395)	735503	50.0000	55.39
10 Acetone	43	2.863	2.863	(0.403)	406571	250.000	259.9(Q)
11 Iodomethane	142	2.942	2.942	(0.414)	1676869	100.000	109.4(A)
12 Carbon disulfide	76	3.011	3.011	(0.424)	907510	50.0000	50.83
13 Methylene chloride	84	3.326	3.326	(0.468)	433262	50.0000	53.58
14 t-Butanol	59	2.577	2.577	(0.363)	249802	1250.00	1217

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.681	3.681	(0.518)	483608	50.0000	52.38
	16 Acrylonitrile	53	3.671	3.671	(0.517)	631399	500.000	524.9(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.700	3.700	(0.521)	1109718	50.0000	52.20
	18 1,1-Dichloroethane (**)	63	4.262	4.262	(0.600)	825209	50.0000	51.87
	19 Vinyl acetate	43	4.400	4.400	(0.620)	2031406	100.000	99.02
	20 Isopropyl ether	45	4.439	4.439	(0.625)	1342849	50.0000	48.80
	21 2,2-Dichloropropane	77	5.159	5.159	(0.727)	880519	50.0000	50.99
	22 Tert-butyl ethyl ether	59	5.011	5.011	(0.706)	1291729	50.0000	49.09
	23 cis-1,2-Dichloroethene	96	5.178	5.178	(0.729)	511822	50.0000	54.62
	24 2-Butanone	43	5.267	5.267	(0.742)	724212	250.000	266.5
	25 Bromochloromethane	128	5.563	5.563	(0.784)	348858	50.0000	56.41
	26 Chloroform (*)	83	5.720	5.720	(0.806)	1133944	50.0000	54.79
	27 Tetrahydrofuran	42	5.681	5.681	(0.800)	96369	50.0000	58.70
M	28 1,2-Dichloroethene (total)	100				995430	100.000	107.0
$	29 Dibromofluoromethane	111	5.996	5.996	(0.845)	944975	50.0000	47.01
	30 1,1,1-Trichloroethane	97	5.976	5.976	(0.842)	1179259	50.0000	54.72
	31 Carbon Tetrachloride	117	6.232	6.232	(0.878)	1152737	50.0000	55.92
	32 1,1-Dichloropropene	75	6.252	6.252	(0.881)	805938	50.0000	52.49
$	33 1,2-Dichloroethane-d4	65	6.528	6.528	(0.920)	648154	50.0000	47.77
	34 1,2-Dichloroethane-d4 2nd	102	6.528	6.528	(0.920)	124217	50.0000	45.38
	35 Benzene	78	6.597	6.597	(0.929)	1246394	50.0000	51.97
	36 1,2-Dichloroethane	62	6.656	6.656	(0.938)	802086	50.0000	53.11
	37 Tert-amyl methyl ether	73	6.883	6.883	(0.969)	1284483	50.0000	51.45
*	38 Fluorobenzene	96	7.099	7.099	(1.000)	1413131	50.0000	
	39 Trichloroethene	130	7.730	7.730	(1.089)	711574	50.0000	53.88
	40 1,2-Dichloropropane(*)	63	8.114	8.114	(1.143)	491871	50.0000	50.31
	41 Dibromomethane	93	8.321	8.321	(1.172)	505395	50.0000	55.49
	42 Bromodichloromethane	83	8.666	8.666	(1.221)	1106218	50.0000	54.65
	43 1-Bromo-2-chloroethane	63	9.159	9.159	(1.290)	781271	50.0000	35.06(Q)
	44 2-Chloroethylvinyl ether	106	9.277	9.277	(1.307)	154942	100.000	124.8(AQ)
	45 cis-1,3-Dichloropropene	75	9.464	9.464	(1.333)	781353	50.0000	51.16
	46 4-Methyl-2-pentanone	43	9.819	9.819	(1.383)	1969343	250.000	267.8
$	47 Toluene-d8	98	9.927	9.927	(0.787)	1328399	50.0000	46.40
	48 Toluene (*)	91	10.045	10.045	(0.797)	1556951	50.0000	51.51
	49 trans-1,3-Dichloropropene	75	10.508	10.508	(0.834)	711871	50.0000	51.58
	50 1,1,2-Trichloroethane	97	10.843	10.843	(0.860)	530519	50.0000	53.20
	51 Tetrachloroethene	164	11.040	11.040	(0.876)	738186	50.0000	53.80
	52 1,3-Dichloropropane	76	11.129	11.129	(0.883)	793809	50.0000	50.57
	53 2-Hexanone	43	11.385	11.385	(0.903)	1418464	250.000	260.0
	54 Dibromochloromethane	129	11.533	11.533	(0.915)	978791	50.0000	53.64
	55 1,2-Dibromoethane	107	11.700	11.700	(0.928)	805769	50.0000	53.37
*	56 Chlorobenzene-d5	117	12.607	12.607	(1.000)	1236653	50.0000	
	57 Chlorobenzene (**)	112	12.666	12.666	(1.005)	1265933	50.0000	52.09
	58 1,1,1,2-Tetrachloroethane	131	12.863	12.863	(1.020)	786782	50.0000	53.55
	59 Ethylbenzene (*)	106	12.922	12.922	(1.025)	592184	50.0000	52.22
	60 m,p-Xylenes	106	13.168	13.168	(1.045)	1448286	100.000	101.7
	61 o-Xylene	106	13.927	13.927	(1.105)	729375	50.0000	53.00

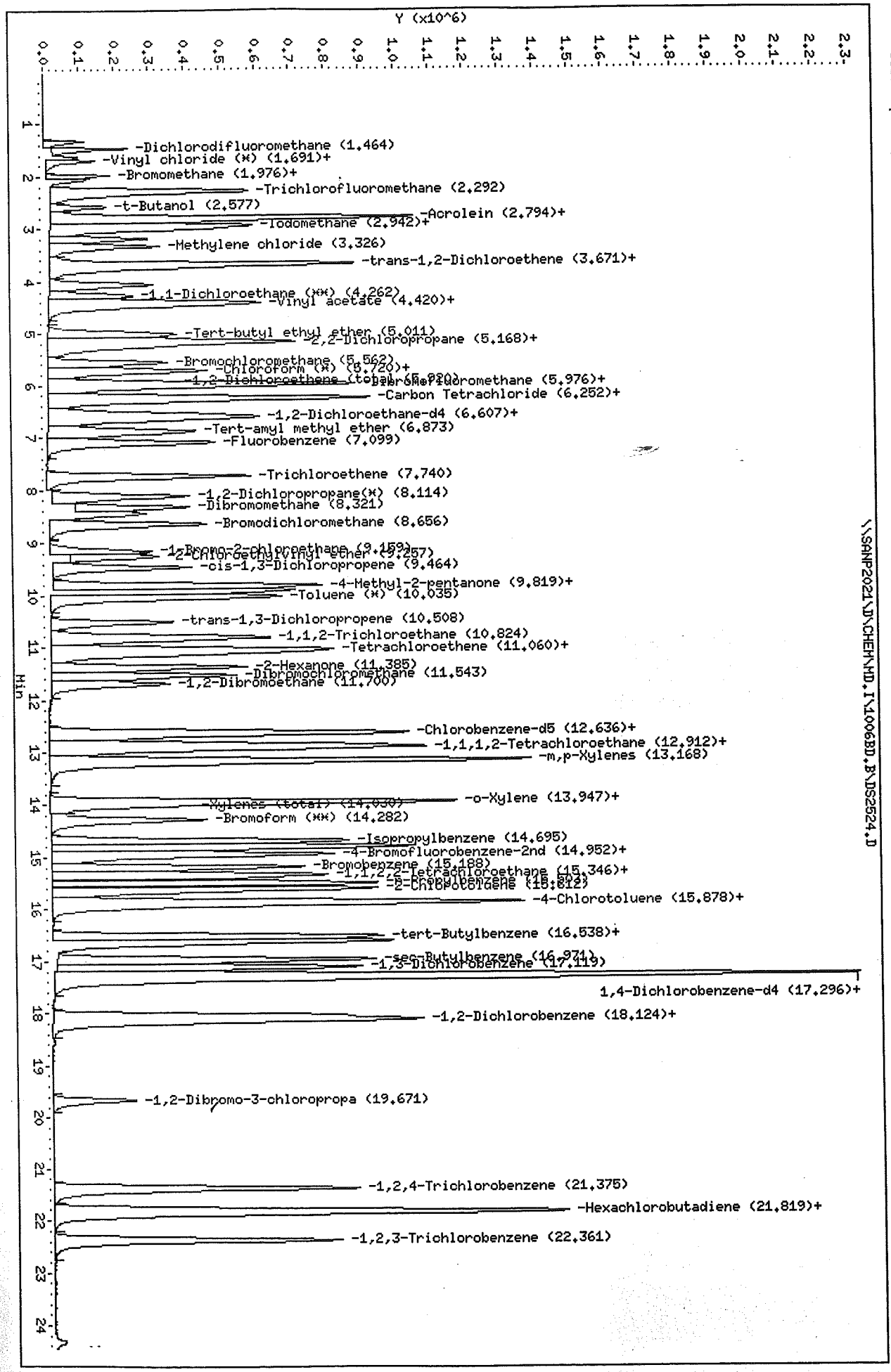
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.966	13.966	(1.108)	1191223	50.0000	52.11
M	63 Xylenes (total)	100				2177661	150.000	154.7
	64 Bromoform (**)	173	14.282	14.282	(1.133)	825052	50.0000	56.05
	65 Isopropylbenzene	105	14.686	14.686	(1.165)	2293928	50.0000	52.87
	66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.865)	840696	50.0000	45.83
$	67 4-Bromofluorobenzene	95	14.961	14.961	(0.866)	1099859	50.0000	44.92
	68 Bromobenzene	156	15.188	15.188	(0.879)	779477	50.0000	50.93
	69 1,1,2,2-Tetrachloroethane(**)	83	15.326	15.326	(0.887)	801709	50.0000	50.87
	70 1,2,3-Trichloropropane	110	15.365	15.365	(0.889)	282395	50.0000	54.72
	71 n-Propylbenzene	91	15.513	15.513	(0.898)	2406435	50.0000	50.46
	72 2-Chlorotoluene	126	15.622	15.622	(0.904)	572707	50.0000	49.67
	73 4-Chlorotoluene	126	15.848	15.848	(0.917)	594135	50.0000	49.34
	74 1,3,5-Trimethylbenzene	105	15.897	15.897	(0.920)	1948924	50.0000	50.80
	75 tert-Butylbenzene	119	16.538	16.538	(0.957)	2049066	50.0000	51.72
	76 1,2,4-Trimethylbenzene	105	16.627	16.627	(0.962)	1945400	50.0000	49.81
	77 sec-Butylbenzene	105	16.971	16.971	(0.982)	2602925	50.0000	50.09
	78 1,3-Dichlorobenzene	146	17.119	17.119	(0.991)	1298287	50.0000	50.58
*	79 1,4-Dichlorobenzene-d4	152	17.277	17.277	(1.000)	921292	50.0000	
	80 1,4-Dichlorobenzene	146	17.316	17.316	(1.002)	1395380	50.0000	49.82
	81 p-Isopropyltoluene	119	17.306	17.306	(1.002)	2191114	50.0000	51.10
	82 1,2-Dichlorobenzene	146	18.035	18.035	(1.044)	1244186	50.0000	50.68
	83 n-Butylbenzene	91	18.144	18.144	(1.050)	2080124	50.0000	50.81
	84 1,2-Dibromo-3-chloropropane	157	19.671	19.671	(1.139)	279192	50.0000	52.27
	85 1,2,4-Trichlorobenzene	180	21.375	21.375	(1.237)	1152776	50.0000	50.84
	86 Hexachlorobutadiene	225	21.799	21.799	(1.262)	985653	50.0000	57.56
	87 Napthalene	128	21.848	21.848	(1.265)	1632896	50.0000	47.60
	88 1,2,3-Trichlorobenzene	180	22.370	22.370	(1.295)	1072644	50.0000	50.70

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\DS2524.D
Date : 06-OCT-2000 20:10
Client ID:
Sample Info: 50 PPB 8260B STD,,,3.0,,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: D12797.D
Lab Smp Id: LCS-1006BD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Misc Info: 1244-2,,5,,3,SPK.SUB,SH.SPK

Calibration Date: 06-OCT-2000
Calibration Time: 20:10
Client Smp ID: D126797
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1413131	706566	2826262	1409038	-0.29
56 Chlorobenzene-d5	1236653	618327	2473306	1237296	0.05
79 1,4-Dichlorobenze	921292	460646	1842584	917282	-0.44

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.01
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	0.00
79 1,4-Dichlorobenze	17.28	16.78	17.78	17.27	-0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1006BD.B\D12797.D
Lab Smp Id: LCS-1006BD
Client Smp ID: D126797
Inj Date : 06-OCT-2000 20:51
Operator : AD
Inst ID: md.i
Smp Info : LCS-1006BD,LCS,2,,0,1,0,8260BDA.M,D126797
Misc Info : 1244-2,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Meth Date : 06-Oct-2000 20:34 ramirezr
Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02
Cal File: DS2519.D
Als bottle: 2
QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE
Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

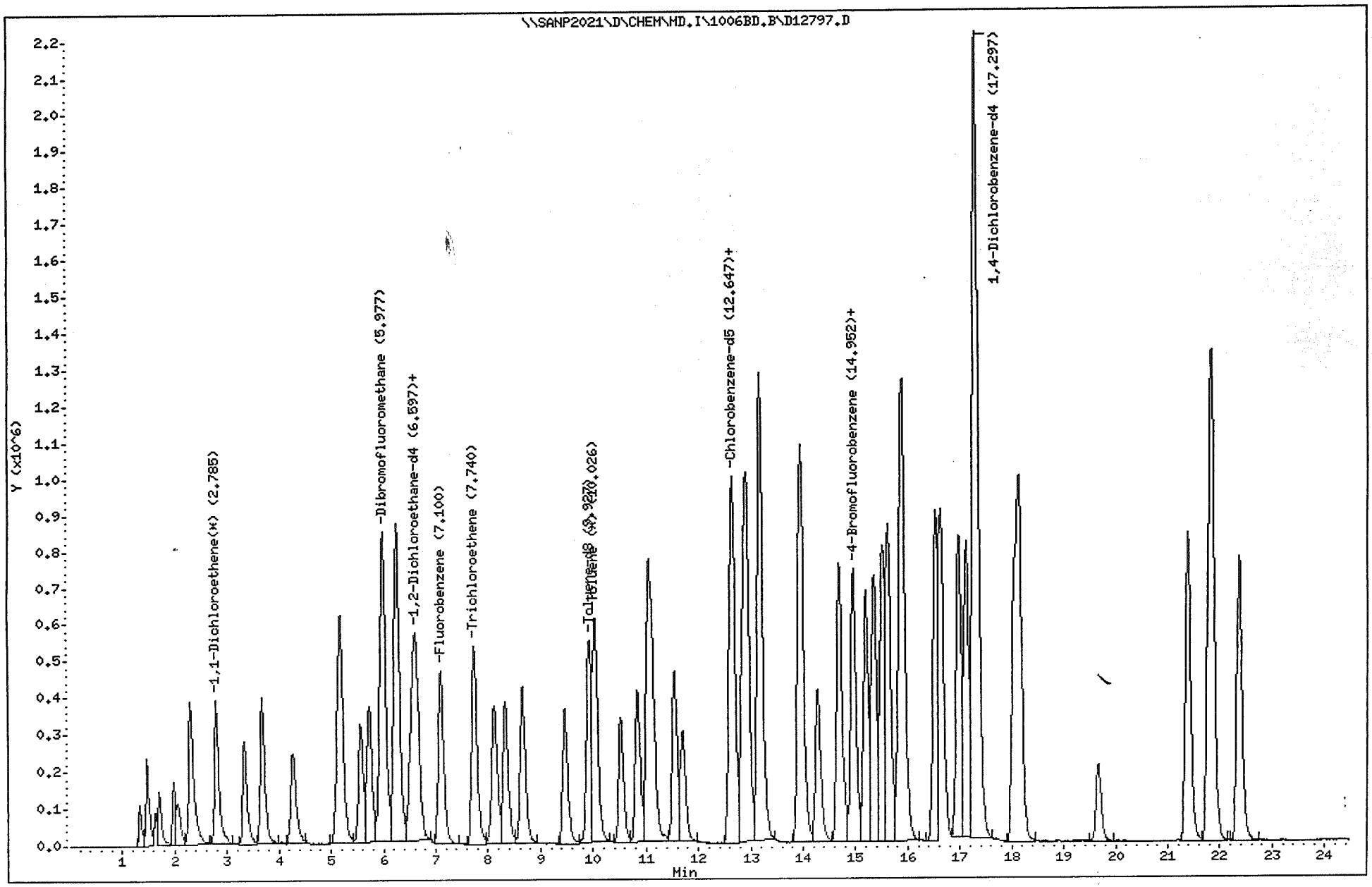
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.784	(0.392)	408875	51.5184	51.52
$ 29 Dibromofluoromethane	111	5.987	5.996	(0.843)	1027403	51.2624	51.26
$ 33 1,2-Dichloroethane-d4	65	6.528	6.528	(0.920)	650301	48.0707	48.07
34 1,2-Dichloroethane-d4 2nd	102	6.499	6.528	(0.915)	137205	50.2718	50.27
35 Benzene	78	6.597	6.597	(0.929)	1161909	48.5911	48.59
* 38 Fluorobenzene	96	7.100	7.099	(1.000)	1409038	50.0000	
39 Trichloroethene	130	7.750	7.730	(1.092)	690255	52.4141	52.41
$ 47 Toluene-d8	98	9.918	9.927	(0.787)	1319846	46.0791	46.08
48 Toluene (*)	91	10.046	10.045	(0.797)	1454080	48.0797	48.08
* 56 Chlorobenzene-d5	117	12.607	12.607	(1.000)	1237296	50.0000	
57 Chlorobenzene (**)	112	12.666	12.666	(1.005)	1207620	49.6686	49.67
$ 67 4-Bromofluorobenzene	95	14.952	14.961	(0.866)	1086198	44.5569	44.56
66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	829191	45.3981	45.40
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.277	(1.000)	917282	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\D12797.D
Date : 06-OCT-2000 20:51
Client ID: D126797
Sample Info: LCS-1006BD,LCS,2,,0,1,0,8260BDA.M,D126797

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0158918

000499

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: D12798.D
Lab Smp Id: MB-1006AD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Misc Info: ,,5,,3,ALL.SUB,

Calibration Date: 06-OCT-2000
Calibration Time: 20:10
Client Smp ID: D12778
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1413131	706566	2826262	1348081	-4.60
56 Chlorobenzene-d5	1236653	618327	2473306	1229413	-0.59
79 1,4-Dichlorobenze	921292	460646	1842584	872041	-5.35

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.00
56 Chlorobenzene-d5	12.61	12.11	13.11	12.62	0.08
79 1,4-Dichlorobenze	17.28	16.78	17.78	17.27	-0.06

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1006BD.B\D12798.D
Lab Smp Id: MB-1006AD Client Smp ID: D12778
Inj Date : 06-OCT-2000 21:22
Operator : AD Inst ID: md.i
Smp Info : MB-1006AD,BLANK,2,,0,1,0,8260BDA.M,D12778
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Meth Date : 06-Oct-2000 21:35 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.986	5.996	(0.843)	916780	47.8113	47.81	
$ 33 1,2-Dichloroethane-d4	65	6.518	6.528	(0.918)	581667	44.9414	44.94	
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.528	(0.920)	116273	44.5288	44.53	
* 38 Fluorobenzene	96	7.099	7.099	(1.000)	1348081	50.0000		
$ 47 Toluene-d8	98	9.937	9.927	(0.788)	1269970	44.6221	44.62	
* 56 Chlorobenzene-d5	117	12.617	12.607	(1.000)	1229413	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.962	14.952	(0.866)	773090	44.5225	44.52	
$ 67 4-Bromofluorobenzene	95	14.952	14.961	(0.866)	1021099	44.0595	44.06	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.277	(1.000)	872041	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1006BD.B\D12798.D
Lab Smp Id: MB-1006AD Client Smp ID: D12778
Inj Date : 06-OCT-2000 21:22
Operator : AD Inst ID: md.i
Smp Info : MB-1006AD,BLANK,2,,0,1,0,8260BDA.M,D12778
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Meth Date : 06-Oct-2000 21:35 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	3103707	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	505108	8.13717461	8.14	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1006AD
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12778
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

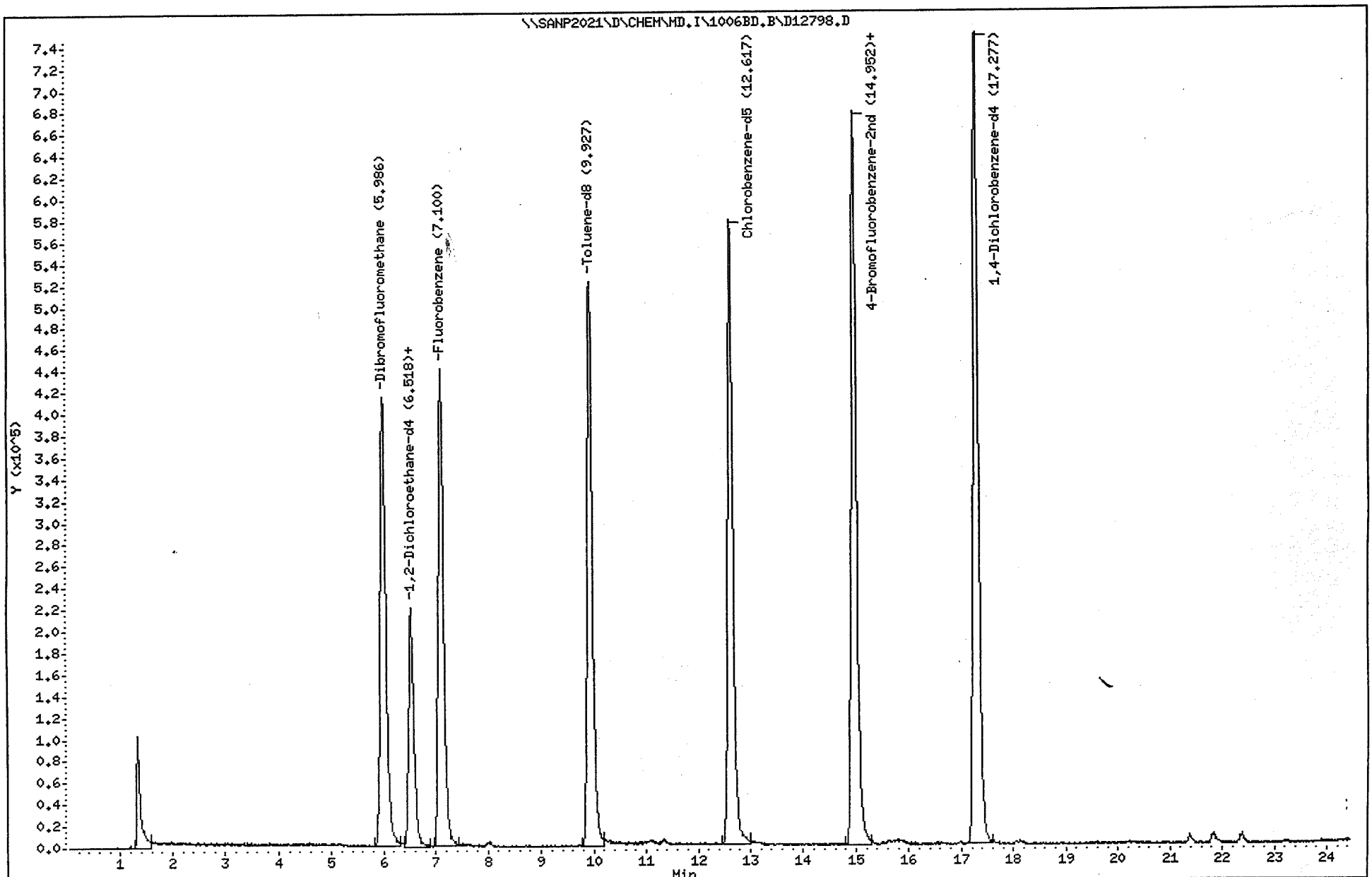
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.326	8.14	J

Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\D12798.D
Date : 06-OCT-2000 21:22
Client ID: D12778
Sample Info: MB-1006AD,BLANK,2,,0,1,0,8260BDA.M,D12778

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000504

BOE-C6-0158923

Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\D12798.D

Date : 06-OCT-2000 21:22

Client ID: D12778

Instrument: md.i

Sample Info: MB-1006AD,BLANK,2,,0,1,0,8260BDA.M,D12778

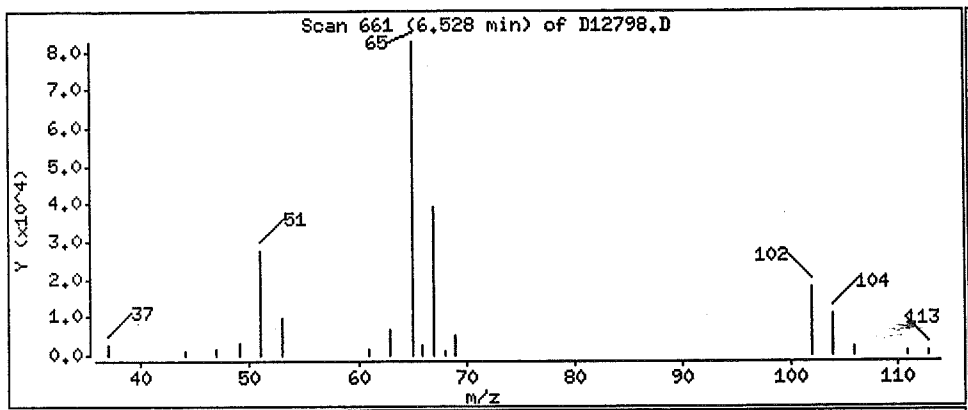
Operator: AD

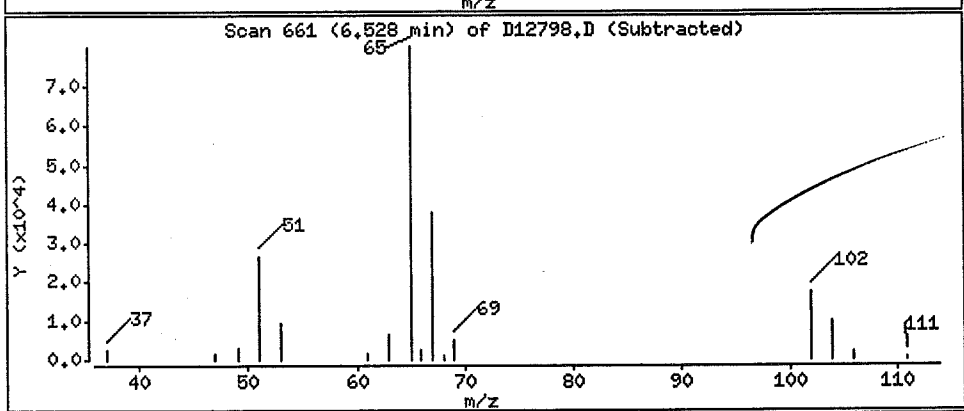
Column phase: J&W DB-624

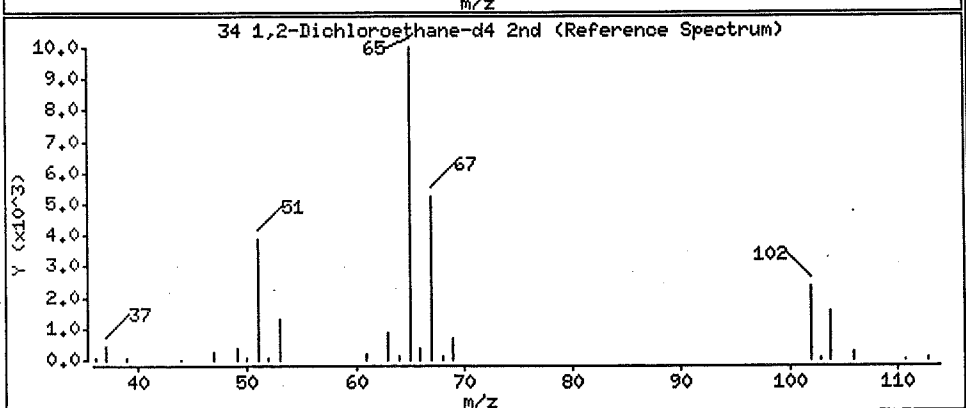
Column diameter: 0.53

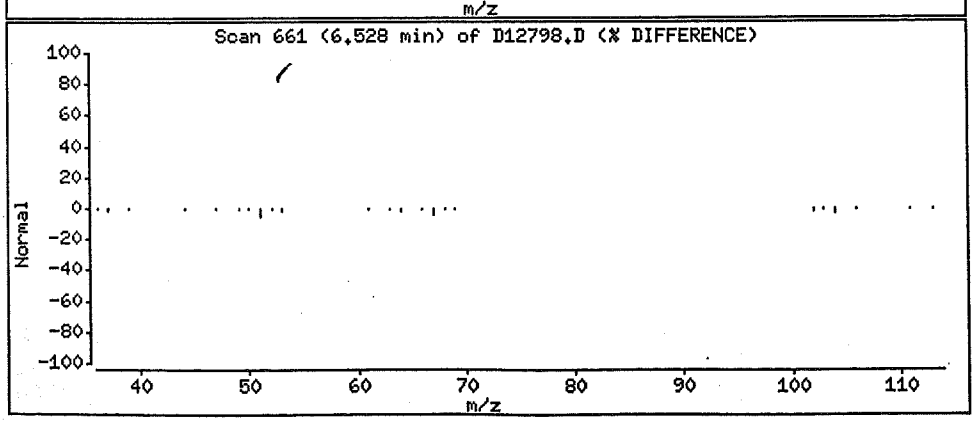
34 1,2-Dichloroethane-d4 2nd

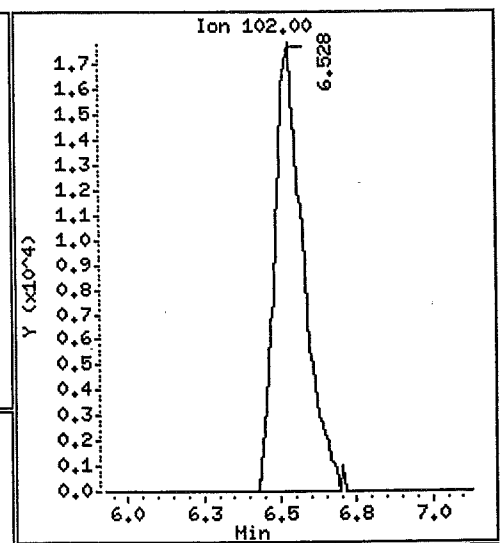
Concentration: 44.53 ug/Kg

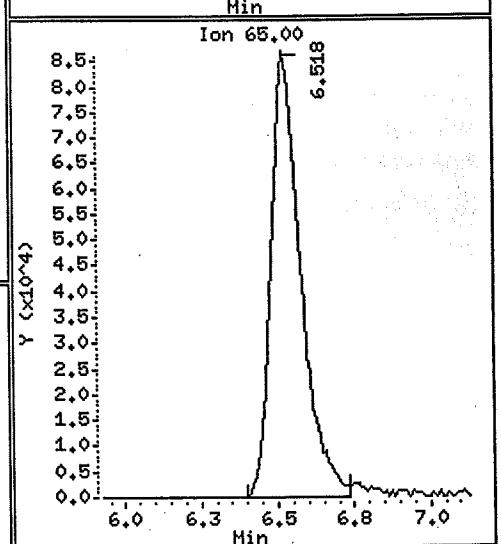












Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\D12798.D

Date : 06-OCT-2000 21:22

Client ID: D12778

Instrument: md.i

Sample Info: MB-1006AD,BLANK,2,,0,1,0,8260BDA.M,D12778

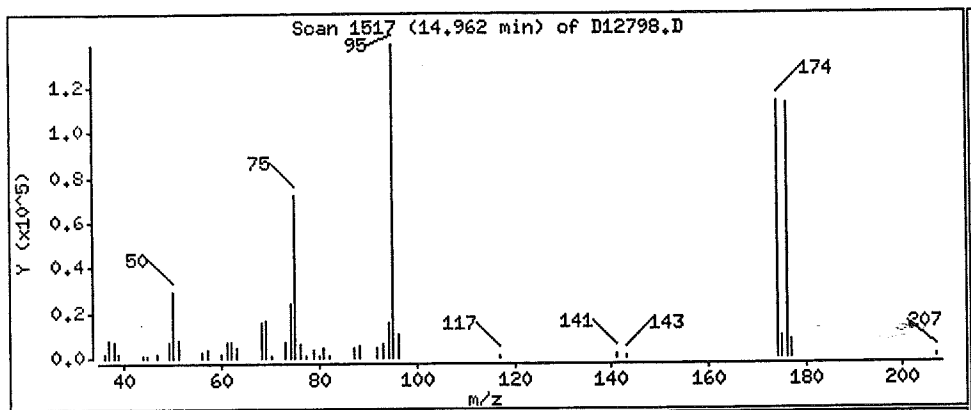
Operator: AD

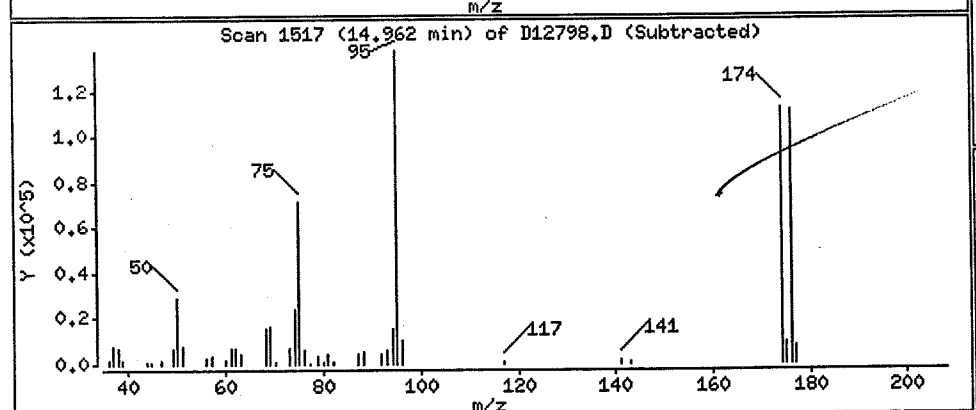
Column phase: J&W DB-624

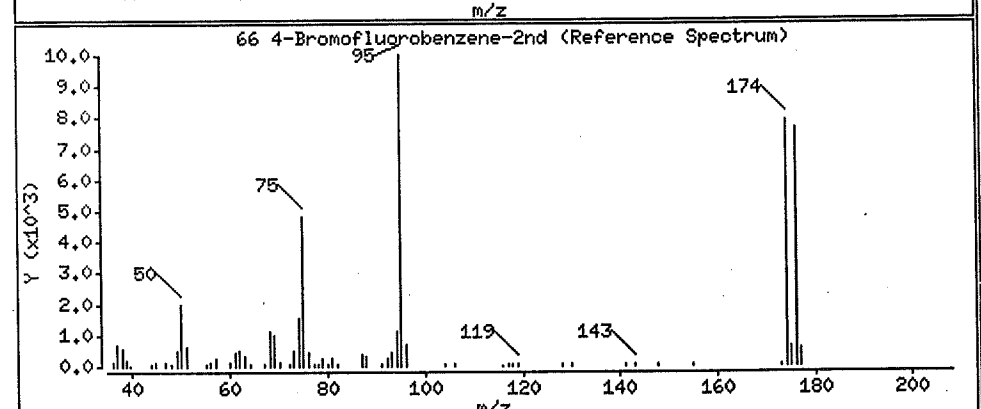
Column diameter: 0.53

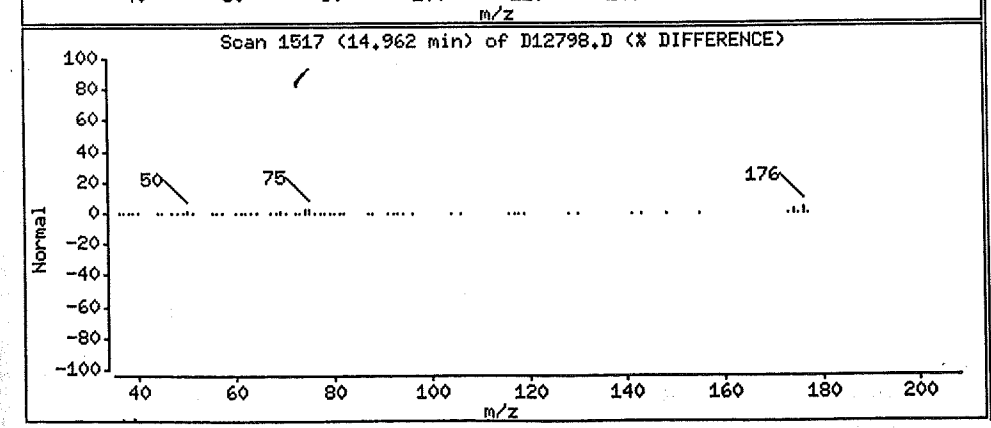
66 4-Bromofluorobenzene-2nd

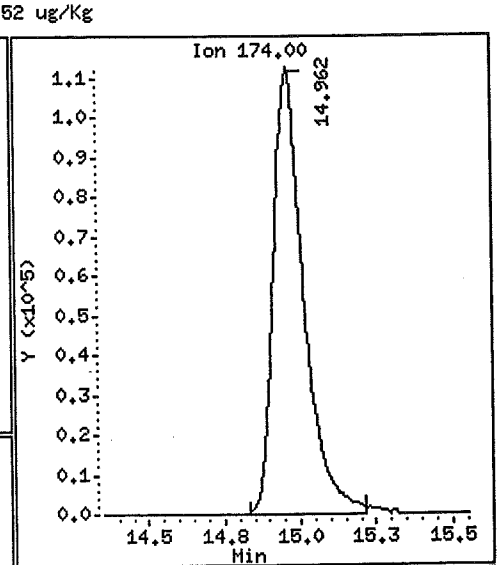
Concentration: 44.52 ug/Kg

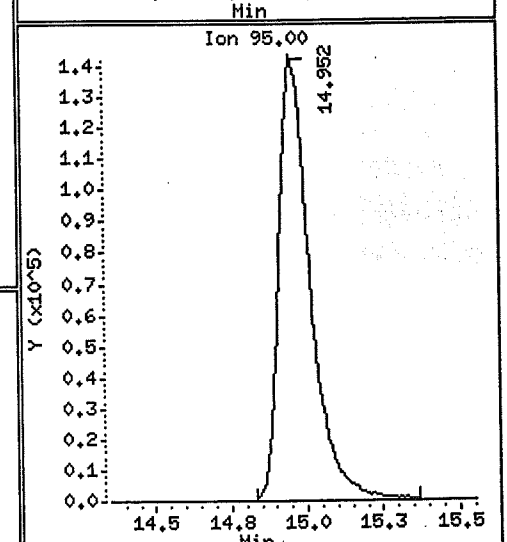


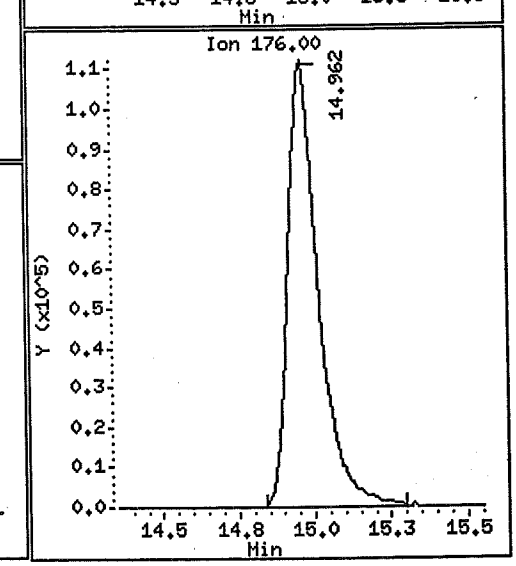












Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\D12798.D

Date : 06-OCT-2000 21:22

Client ID: D12778

Instrument: md.i

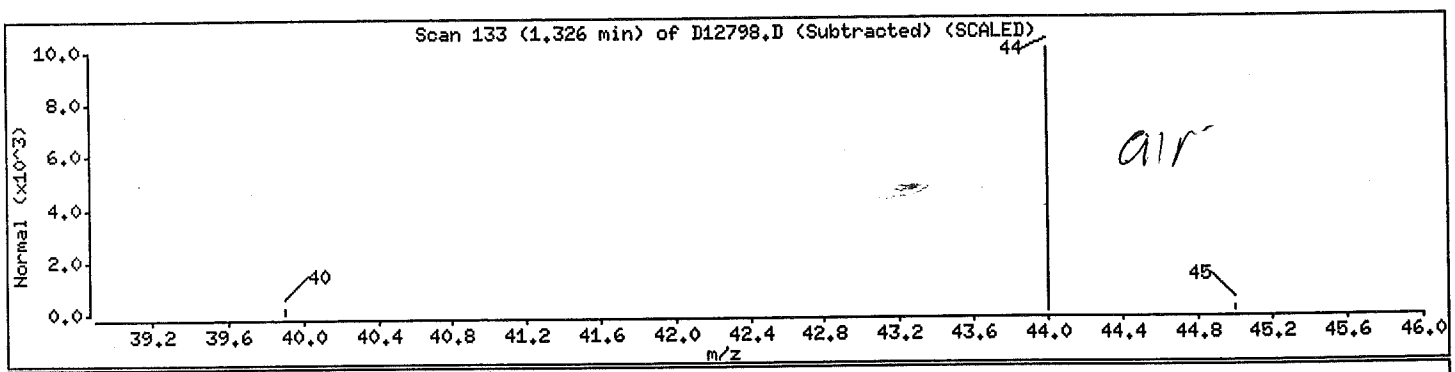
Sample Info: MB-1006AD,BLANK,2,,0,1,0,8260BDA.M,D12778

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: D12801.D
Lab Smp Id: DLC6W105
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\chem\md.i\1006BD.B\8260BDA.m
Misc Info: 370-10S,,5,,3,SPK.SUB,SH.SPK

Calibration Date: 06-OCT-2000
Calibration Time: 20:10
Client Smp ID: D12801
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1413131	706566	2826262	1308348	-7.41
56 Chlorobenzene-d5	1236653	618327	2473306	1204173	-2.63
79 1,4-Dichlorobenze	921292	460646	1842584	895507	-2.80

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.01
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	0.01
79 1,4-Dichlorobenze	17.28	16.78	17.78	17.27	-0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1006BD.B\D12801.D
Lab Smp Id: DLC6W105 Client Smp ID: D12801
Inj Date : 06-OCT-2000 23:07
Operator : AD Inst ID: md.i
Smp Info : DLC6W105,MS,2,,0,1,0,8260BDA.M,D12801
Misc Info : 370-10S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\chem\md.i\1006BD.B\8260BDA.m
Meth Date : 06-Oct-2000 21:35 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.784	(0.392)	365988	49.6636	49.66
$ 29 Dibromofluoromethane	111	5.987	5.996	(0.843)	919609	49.4152	49.42
$ 33 1,2-Dichloroethane-d4	65	6.529	6.528	(0.920)	614428	48.9143	48.91
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.528	(0.920)	121605	47.9851	47.98
35 Benzene	78	6.588	6.597	(0.928)	1084970	48.8654	48.86
* 38 Fluorobenzene	96	7.100	7.099	(1.000)	1308348	50.0000	
39 Trichloroethene	130	7.741	7.730	(1.090)	637241	52.1124	52.11
$ 47 Toluene-d8	98	9.928	9.927	(0.787)	1271464	45.6110	45.61
48 Toluene (*)	91	10.036	10.045	(0.796)	1365515	46.3932	46.39
* 56 Chlorobenzene-d5	117	12.608	12.607	(1.000)	1204173	50.0000	
57 Chlorobenzene (**)	112	12.657	12.666	(1.004)	1093407	46.2081	46.21
$ 67 4-Bromofluorobenzene	95	14.943	14.961	(0.865)	1053084	44.2489	44.25
66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	810344	45.4451	45.44
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.277	(1.000)	895507	50.0000	(Q)

QC Flag Legend

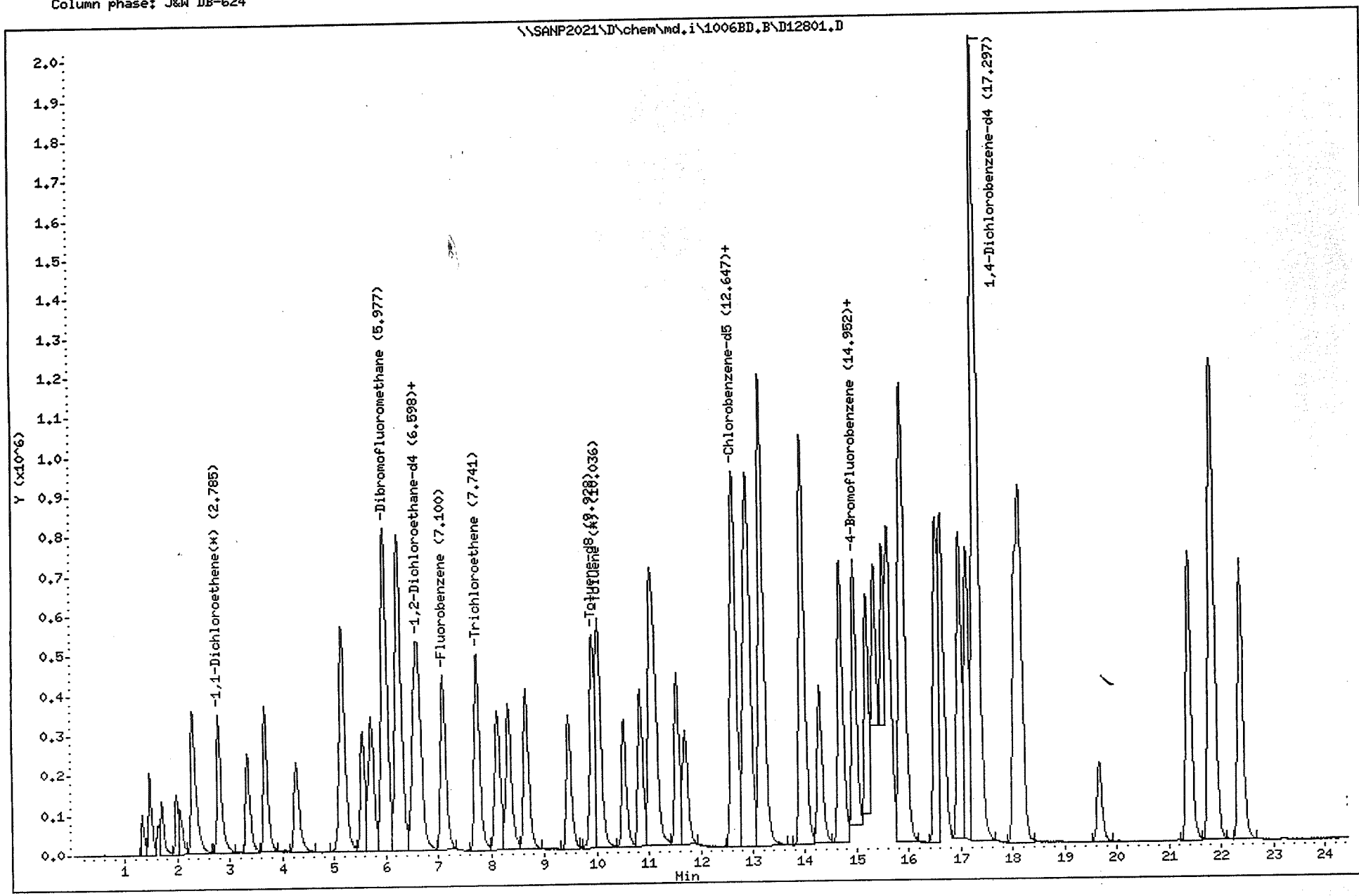
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\chem\md.i\1006BD.B\D12801.D
Date : 06-OCT-2000 23:07
Client ID: D12801
Sample Info: DLC6W105,MS,2,,0,1,0,8260BDA.M,D12801

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000511

BOE-C6-0158930

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: D12802.D
Lab Smp Id: DLC6W105
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\chem\md.i\1006BD.B\8260BDA.m
Misc Info: 370-10D,,5,,3,SPK.SUB,SH.SPK

Calibration Date: 06-OCT-2000
Calibration Time: 20:10
Client Smp ID: D12802
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1413131	706566	2826262	1345974	-4.75
56 Chlorobenzene-d5	1236653	618327	2473306	1192112	-3.60
79 1,4-Dichlorobenze	921292	460646	1842584	897654	-2.57

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.01
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	0.01
79 1,4-Dichlorobenze	17.28	16.78	17.78	17.27	-0.05

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1006BD.B\D12802.D
Lab Smp Id: DLC6W105 Client Smp ID: D12802
Inj Date : 06-OCT-2000 23:39
Operator : AD Inst ID: md.i
Smp Info : DLC6W105,MSD,2,,0,1,0,8260BDA.M,D12802
Misc Info : 370-10D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\chem\md.i\1006BD.B\8260BDA.m
Meth Date : 06-Oct-2000 21:35 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

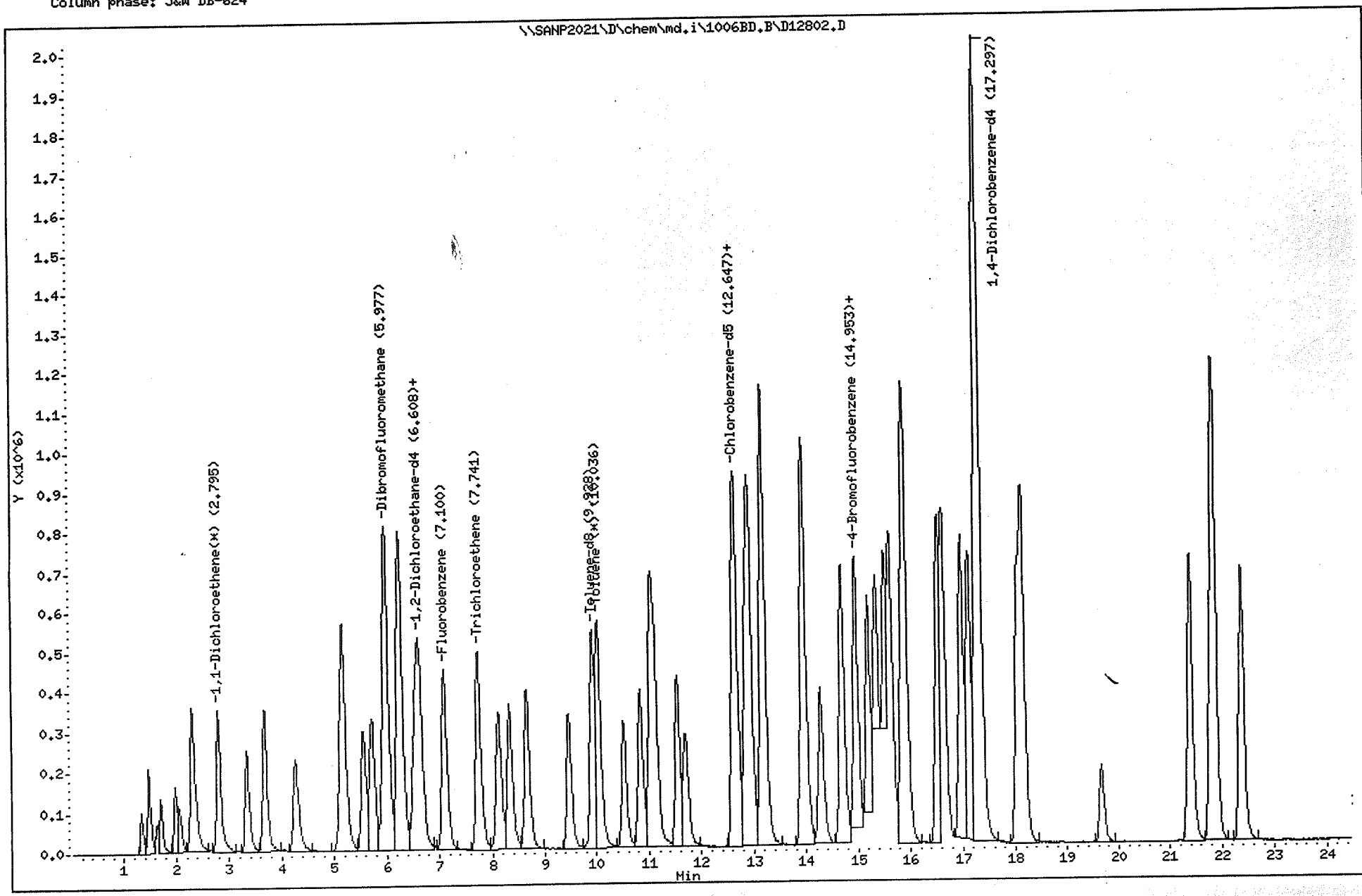
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.795	2.784	(0.394)	363952	48.0067	48.01
$ 29 Dibromofluoromethane	111	5.987	5.996	(0.843)	996445	52.0473	52.05
$ 33 1,2-Dichloroethane-d4	65	6.529	6.528	(0.920)	614492	47.5519	47.55
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.528	(0.920)	120181	46.0976	46.10
35 Benzene	78	6.598	6.597	(0.929)	1094805	47.9300	47.93
* 38 Fluorobenzene	96	7.100	7.099	(1.000)	1345974	50.0000	
39 Trichloroethene	130	7.731	7.730	(1.089)	627978	49.9194	49.92
$ 47 Toluene-d8	98	9.918	9.927	(0.787)	1292542	46.8362	46.84
48 Toluene (*)	91	10.036	10.045	(0.796)	1334421	45.7955	45.80
* 56 Chlorobenzene-d5	117	12.608	12.607	(1.000)	1192112	50.0000	
57 Chlorobenzene (**)	112	12.657	12.666	(1.004)	1087963	46.4432	46.44
$ 67 4-Bromofluorobenzene	95	14.953	14.961	(0.866)	1067471	44.7462	44.75
66 4-Bromofluorobenzene-2nd	174	14.953	14.952	(0.866)	812868	45.4776	45.48
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.277	(1.000)	897654	50.0000	

Data File: \\SANP2021\D\chem\md.i\1006BD.B\D12802.D
Date : 06-OCT-2000 23:39
Client ID: D12802
Sample Info: DLC6W105,MSD,2,,0,1,0,8260BDA.M,D12802

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000514

BOE-C6-0158933

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: D12817.D
Lab Smp Id: DLC7J101
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Misc Info: 371-1,,5,,0,ALL.SUB

Calibration Date: 06-OCT-2000
Calibration Time: 20:10
Client Smp ID: D12817
Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1413131	706566	2826262	1023318	-27.59
56 Chlorobenzene-d5	1236653	618327	2473306	940474	-23.95
79 1,4-Dichlorobenze	921292	460646	1842584	661949	-28.15

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	-0.05
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	0.05
79 1,4-Dichlorobenze	17.28	16.78	17.78	17.26	-0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1006BD.B\D12817.D
Lab Smp Id: DLC7J101 Client Smp ID: D12817
Inj Date : 07-OCT-2000 07:36
Operator : AD Inst ID: md.i
Smp Info : DLC7J101,,2,,0,1,0,8260BDA.M,D12817
Misc Info : 371-1,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Meth Date : 06-Oct-2000 21:35 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.983	5.996	(0.843)	731003	50.2215	50.22
$ 33 1,2-Dichloroethane-d4	65	6.515	6.528	(0.918)	480000	48.8562	48.86
34 1,2-Dichloroethane-d4 2nd	102	6.525	6.528	(0.919)	91274	46.0483	46.05
* 38 Fluorobenzene	96	7.096	7.099	(1.000)	1023318	50.0000	
$ 47 Toluene-d8	98	9.924	9.927	(0.787)	972179	44.6533	44.65
* 56 Chlorobenzene-d5	117	12.613	12.607	(1.000)	940474	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.948	14.952	(0.866)	594318	45.0901	45.09
$ 67 4-Bromofluorobenzene	95	14.958	14.961	(0.866)	778157	44.2335	44.23
* 79 1,4-Dichlorobenzene-d4	152	17.264	17.277	(1.000)	661949	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1006BD.B\D12817.D
Lab Smp Id: DLC7J101 Client Smp ID: D12817
Inj Date : 07-OCT-2000 07:36
Operator : AD Inst ID: md.i
Smp Info : DLC7J101,,2,,0,1,0,8260BDA.M,D12817
Misc Info : 371-1,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1006BD.B\8260BDA.m
Meth Date : 06-Oct-2000 21:35 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.096	2357560	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	411733	8.73217835	8.73	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC7J101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12817
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown air	1.323	8.73	J

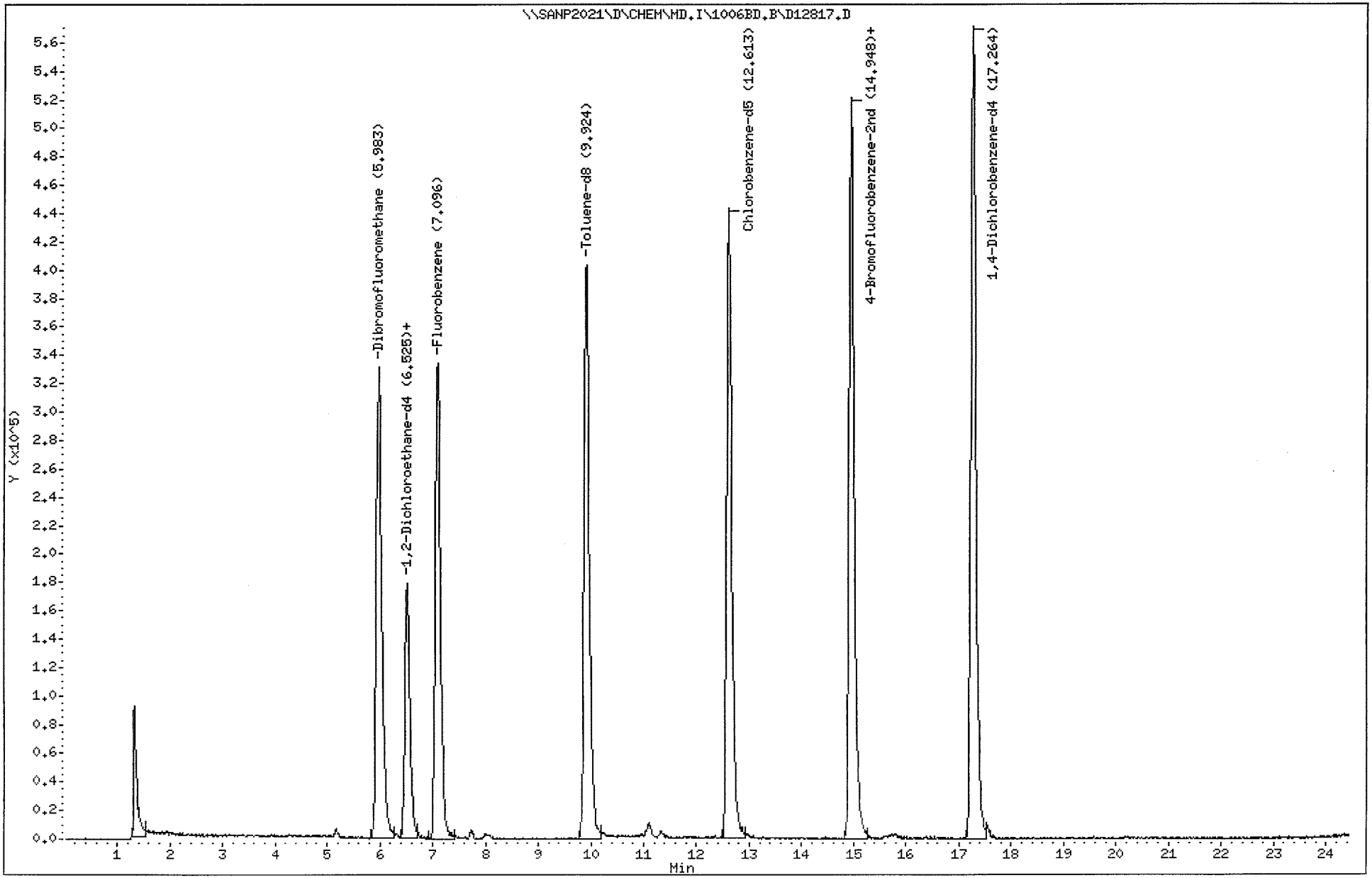
Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\D12817.D
Date : 07-OCT-2000 07:36
Client ID: D12817
Sample Info: DLC7J101,,2,,0,1,0,8260BDA.M,D12817

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0158938

Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\D12817.D

Date : 07-OCT-2000 07:36

Client ID: D12817

Instrument: md.i

Sample Info: DLC7J101,,2,,0,1,0,8260BDA.M,D12817

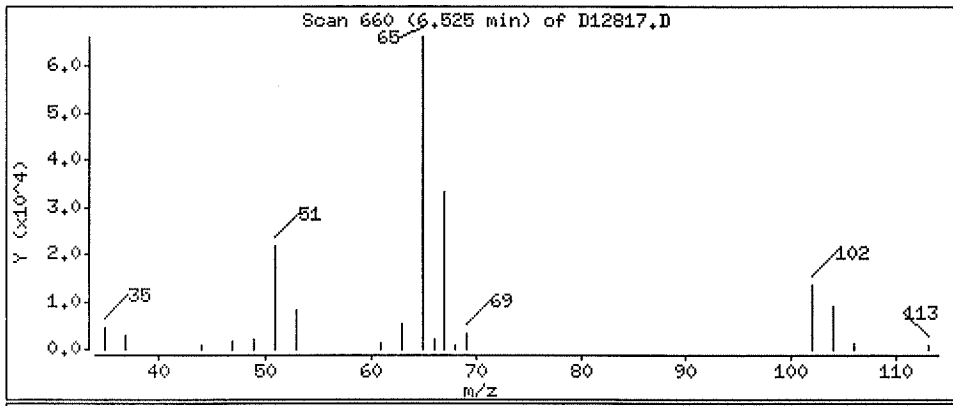
Operator: AD

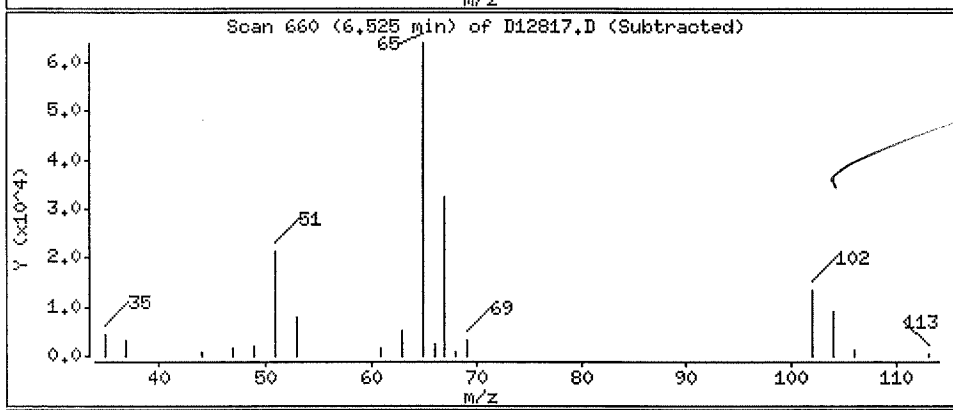
Column phase: J&W DB-624

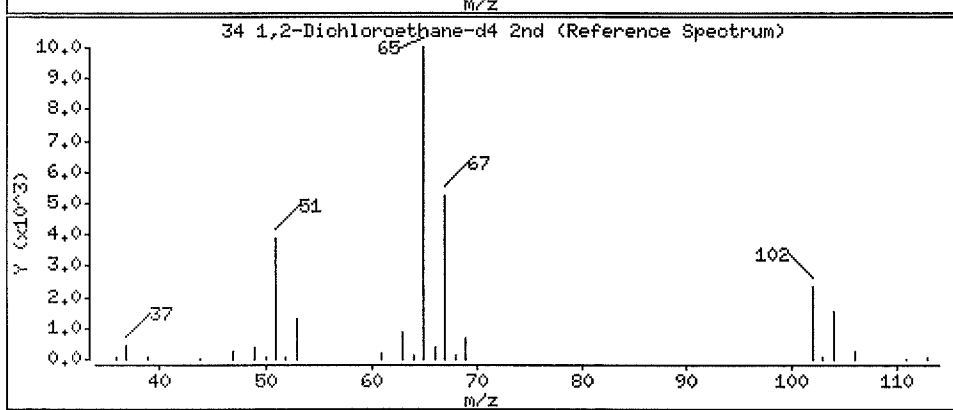
Column diameter: 0.53

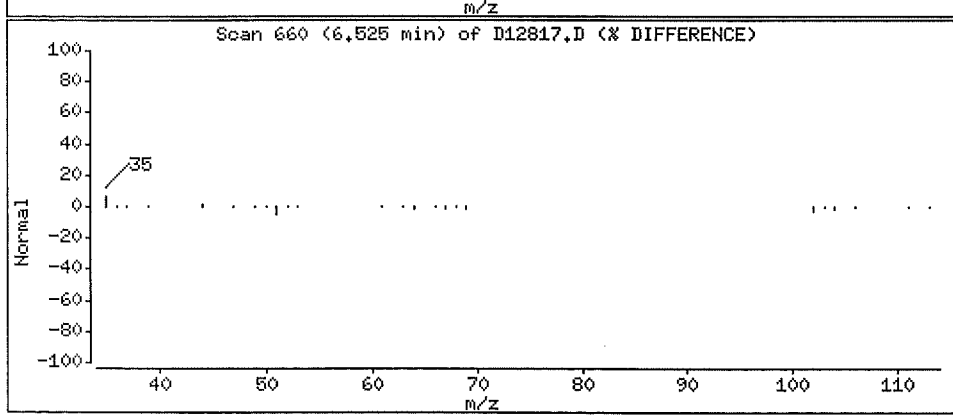
34 1,2-Dichloroethane-d4 2nd

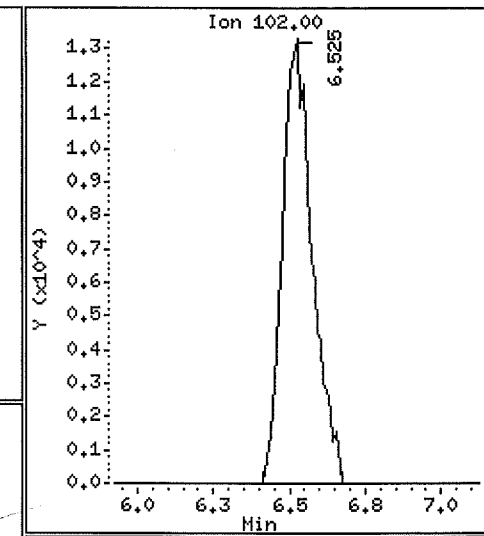
Concentration: 46.05 ug/Kg

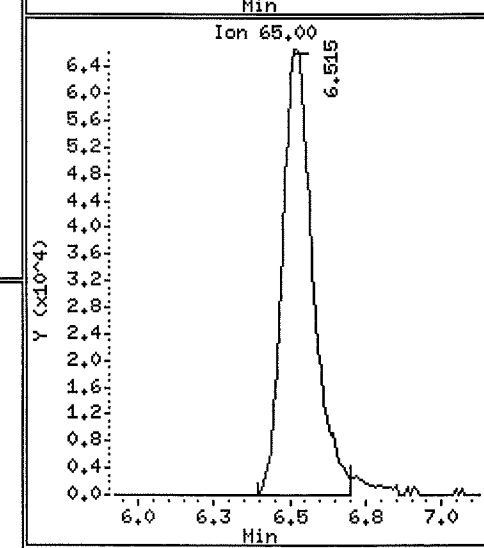












Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\D12817.D

Date : 07-OCT-2000 07:36

Client ID: D12817

Instrument: md.i

Sample Info: DLC7J101,,2,,0,1,0,8260BDA.M,D12817

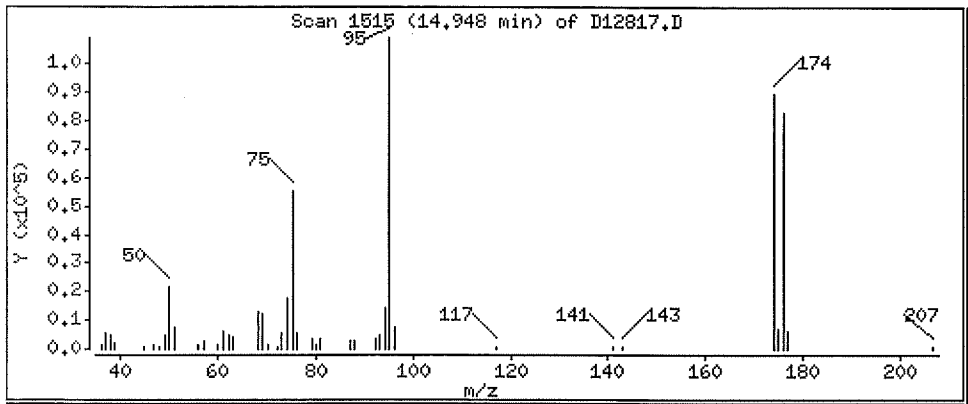
Operator: AD

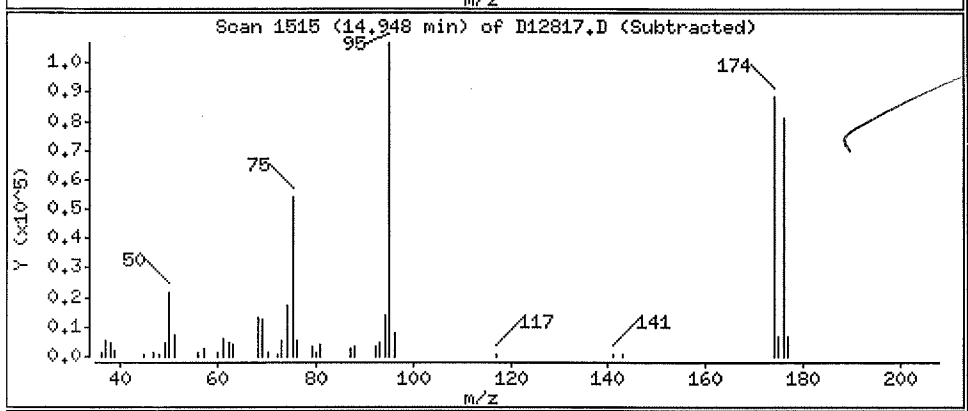
Column phase: J&W DB-624

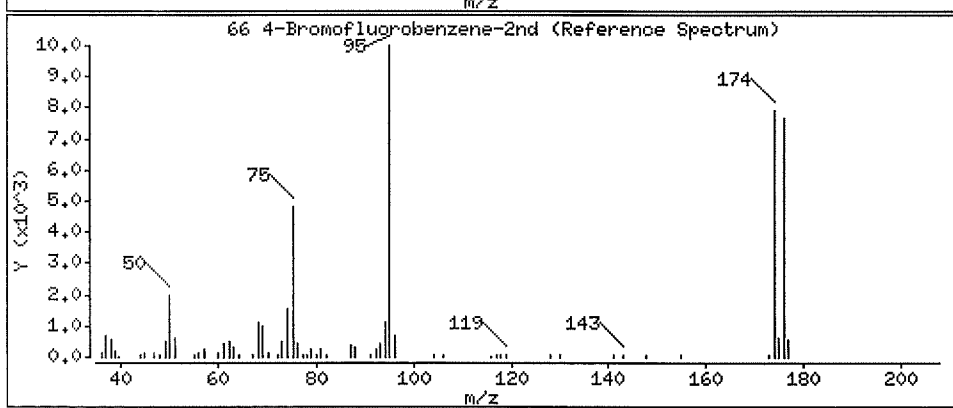
Column diameter: 0.53

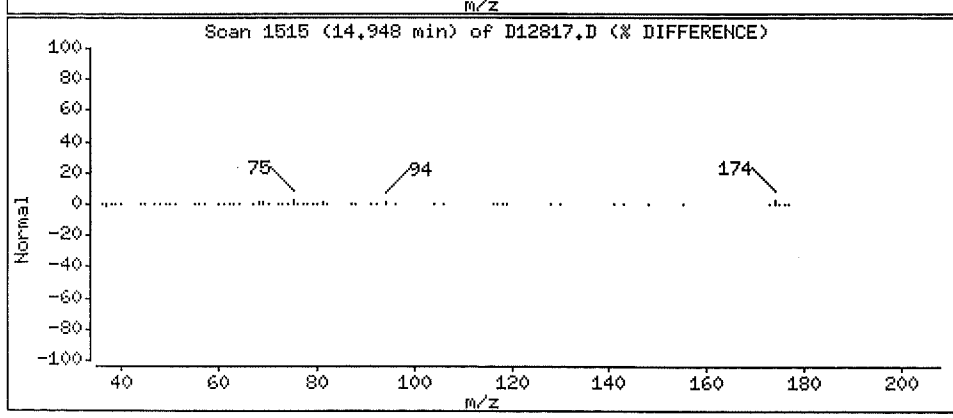
66 4-Bromofluorobenzene-2nd

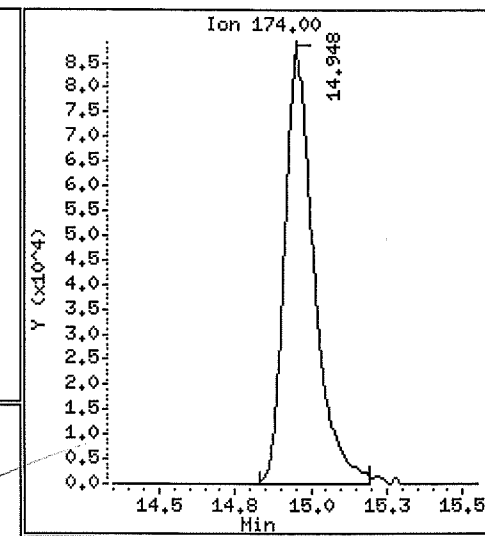
Concentration: 45.09 ug/Kg

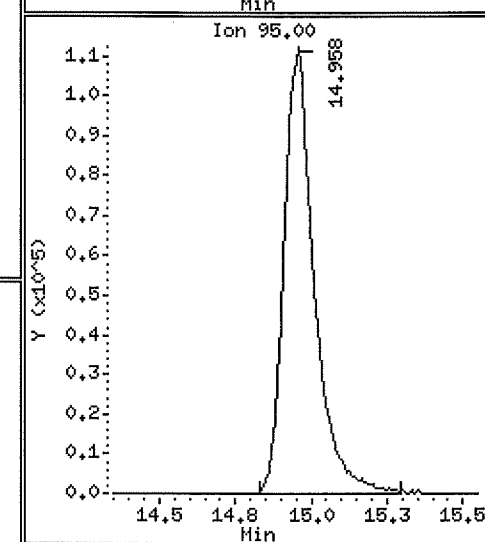


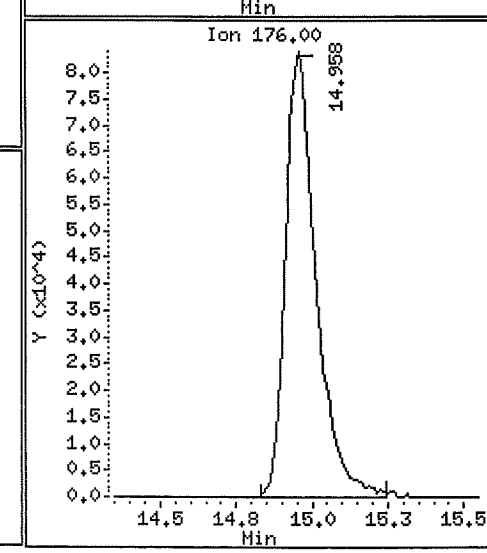












Data File: \\SANP2021\D\CHEM\MD.I\1006BD.B\D12817.D

Date : 07-OCT-2000 07:36

Client ID: D12817

Instrument: md.i

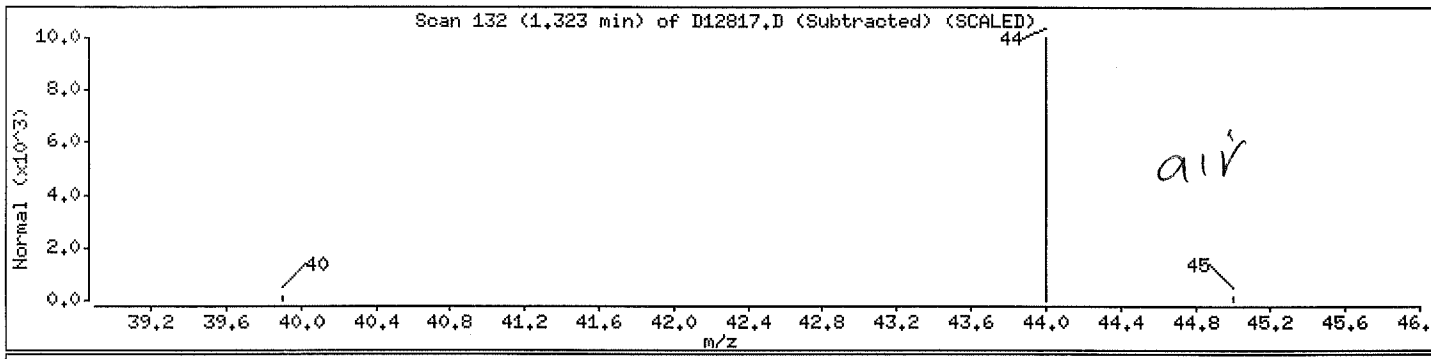
Sample Info: DLC7J101,,2,,0,1,0,8260BDA.M,D12817

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



8260B SAMPLE / QC DATA

DATE ANALYZED: 100700

INSTRUMENT ID: 4 MSD

SAMPLES: EOI290371

STL Los An

FJK 10/00

Batch ID: 0283289

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035

Inst ID: MSD	EM Set: 1706	Tune File: BFB.U	Seq File: 10/07/AD
Init. Cal ID: 8260 BIOA 10-04-2000			Date: 10/07/2000 AM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
10:25	AD	DT1568	50ngBFB			1µ			✓			MSVOA1198-1
10:45		DS2525	50ppb8260B	1	S	5g	1.0	154	✓			STD1242-2
11:26		DT7817	LCS1007AD	2				145	✓			DC1244-2
11:58		19	MB1007AD	3				137	✓			
12:39		20	DLC71104	4				134	✓			EQ! 290370-13
13:11		21	DLC71C101	5				127	✓			EQ! 290371-2
13:43		22	DLC7L101	6				122	✓			-3
14:15		23	DLC7N101	7				123	✓			-4
14:46		24	DLC7L1025	8				125	✓			-3MS
15:18		25	DLC7L1031D	9				131	✓			-3MSD
15:50		26	DLC7P101	10				101	✓			-5
16:22		27	DLC7Q101	11				122	✓			-6
16:53		28	DLC7R101	12				122	✓			-7
17:21		29	DLC7T101	13				117	✓			-8
17:57		30	DLC7V101	14				48	N	✓		low IS -9
18:28		31	DLC7W101	15				113	✓			-10
19:00		32	DLC7X101	16				114	✓			-11
19:32		33	DLC8010'	17				107	✓			-12
20:03		34	DLC8110'	18				120	✓			-13
20:35		35	DLC8210'	19				116	✓			-14
21:07		36	DLC8310'	20				123	✓			-15
21:39		37	DLC8410'	21				115	✓			-16
22:10		D12838	DLC85101	22				113	✓			-17

G:\FORMS\Run Log\MSV Runlog.DOC

Version 01/04/99

BOE-C6-0158943

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA02193

Lab File ID (Standard): DS2525 Date Analyzed: 10/07/00

Instrument ID: MD Time Analyzed: 1045

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1541501	7.09	1386085	12.62	1014827	17.26
	UPPER LIMIT	3083002	7.59	2772170	13.12	2029654	17.76
	LOWER LIMIT	770751	6.59	693043	12.12	507414	16.76
	EPA SAMPLE NO.						
01	D12818	1459771	7.10	1327150	12.61	984095	17.27
02	D12778	1370365	7.09	1244967	12.62	895896	17.28
03	D12820	1341249	7.09	1208588	12.62	870846	17.27
04	D12821	1272405	7.09	1164896	12.61	809815	17.28
05	D12822	1226602	7.09	1127730	12.61	789645	17.27
06	D12823	1237013	7.09	1141726	12.62	810153	17.26
07	D12824	1258401	7.09	1164885	12.63	873851	17.27
08	D12825	1310913	7.09	1192663	12.61	891441	17.27
09	D12826	1050890	7.10	974263	12.62	689476	17.27
10	D12827	1221971	7.09	1124769	12.62	801981	17.27
11	D12828	1225448	7.10	1127979	12.61	810856	17.26
12	D12829	1179131	7.09	1078956	12.61	758033	17.26
13	D12830	486543*	7.10	449301*	12.61	317678*	17.26
14	D12831	1133520	7.10	1057896	12.61	762792	17.26
15	D12832	1149542	7.10	1089438	12.62	769704	17.27
16	D12833	1073424	7.10	997284	12.62	727909	17.27
17	D12834	1207409	7.10	1121300	12.61	787055	17.27
18	D12835	1168763	7.10	1108462	12.62	801609	17.26
19	D12836	1236593	7.09	1170364	12.61	847472	17.27
20	D12837	1157565	7.10	1094839	12.61	773899	17.26
21	D12838	1138936	7.09	1035843	12.62	691652	17.27
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\DT1568.D
Lab Smp Id:
Inj Date : 07-OCT-2000 10:25
Operator : AD Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

AM 10/7/2000

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.8021	1.8000	(0.000)	95	100354			0.00- 100.00	100.00
1.8021	1.8000	(0.000)	50	18698			15.00- 40.00	18.63
1.8021	1.8000	(0.000)	75	49464			30.00- 60.00	49.29
1.8021	1.8000	(0.000)	96	7806			5.00- 9.00	7.78
1.8021	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.8021	1.8000	(0.000)	174	81973			50.00- 0.00	81.68
1.8021	1.8000	(0.000)	175	6875			5.00- 9.00	8.39
1.8021	1.8000	(0.000)	176	81104			95.00- 101.00	98.94
1.8021	1.8000	(0.000)	177	5831			5.00- 9.00	7.19

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\DT1568.D

Date : 07-OCT-2000 10:25

Client ID:

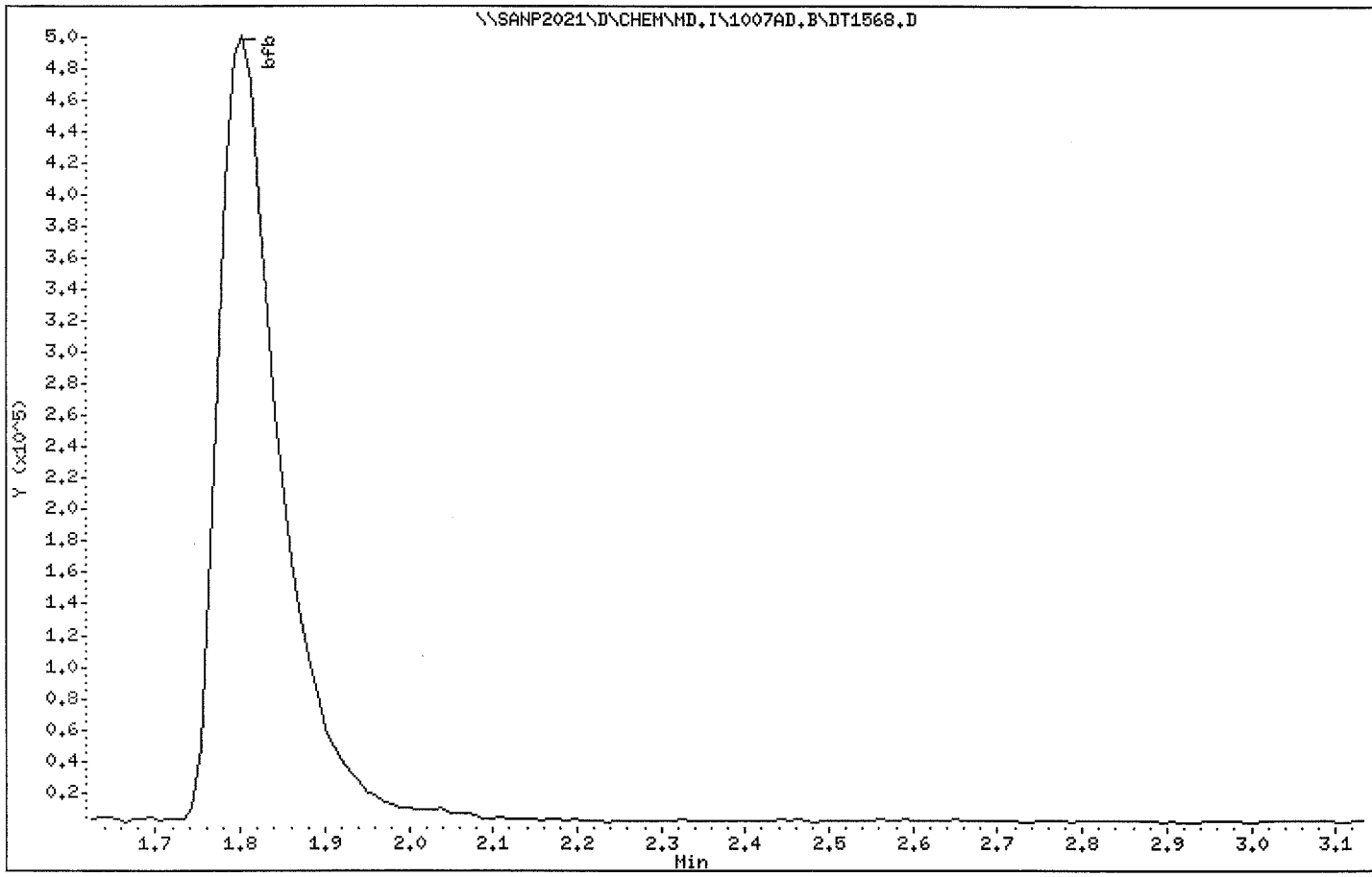
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\DT1568.D

Date : 07-OCT-2000 10:25

Client ID:

Instrument: md.i

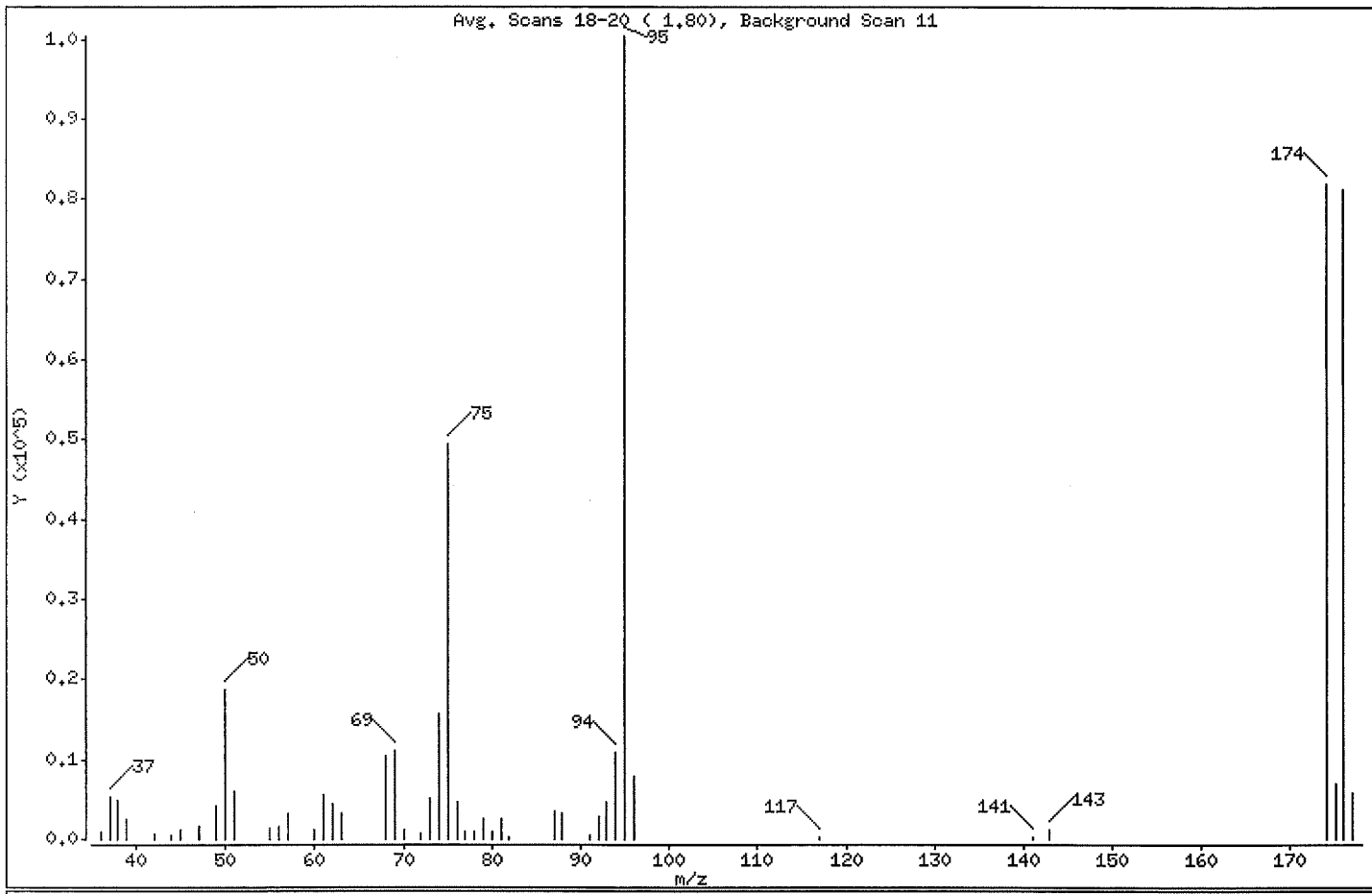
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.63
75	30.00 - 60.00% of mass 95	49.29
96	5.00 - 9.00% of mass 95	7.78
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	81.68
175	5.00 - 9.00% of mass 174	6.85 (8.39)
176	95.00 - 101.00% of mass 174	80.82 (98.94)
177	5.00 - 9.00% of mass 176	5.81 (7.19)

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\DT1568.D

Date : 07-OCT-2000 10:25

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1568.D
Spectrum: Avg. Scans 18-20 (1.80), Background Scan 11
Location of Maximum: 95.00
Number of points: 47

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1034	56.00	1582	75.00	49464	93.00	4677
37.00	5291	57.00	3161	76.00	4651	94.00	10746
38.00	4866	60.00	1095	77.00	915	95.00	100352
39.00	2435	61.00	5495	78.00	824	96.00	7806
42.00	663	62.00	4336	79.00	2594	117.00	298
44.00	396	63.00	3325	80.00	879	141.00	331
45.00	1241	68.00	10486	81.00	2520	143.00	1078
47.00	1535	69.00	11088	82.00	252	174.00	81968
49.00	4232	70.00	1108	87.00	3551	175.00	6875
50.00	18696	72.00	583	88.00	3307	176.00	81104
51.00	6059	73.00	5150	91.00	558	177.00	5831
55.00	1422	74.00	15714	92.00	2863		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 07-OCT-2000 10:45
Lab File ID: DS2525.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.44644	0.41406	0.010	-7.3	50.0	
	2 Vinyl chloride (*)	0.21607	0.23532	0.010	8.9	20.0	
	3 Chloromethane (**)	0.19012	0.20727	0.100	9.0	50.0	
	4 Bromomethane	0.21985	0.22523	0.010	2.4	50.0	
	5 Chloroethane	0.13964	0.17126	0.010	22.6	50.0	
	6 Trichlorofluoromethane	0.71629	0.84075	0.010	17.4	50.0	
	7 Acrolein	0.01339	0.01085	0.001	-19.0	50.0	
	8 1,1-Dichloroethene(*)	0.28163	0.31290	0.010	11.1	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.53171	0.010	13.2	50.0	
	10 Acetone	0.05535	0.06848	0.010	23.7	50.0	
	11 Iodomethane	0.54249	0.60947	0.001	12.3	50.0	
	12 Carbon disulfide	0.63173	0.70978	0.010	12.4	50.0	
	13 Methylene chloride	0.28611	0.32443	0.010	13.4	50.0	
	14 t-Butanol	0.00726	0.00820	0.001	12.9	20.0	
	15 trans-1,2-Dichloroethene	0.32668	0.35110	0.010	7.5	50.0	
	16 Acrylonitrile	0.04256	0.05376	0.001	26.3	20.0	<-
	17 Methyl-tert-butyl ether[MTB	0.75221	0.84129	0.010	11.8	50.0	
	18 1,1-Dichloroethane (**)	0.56293	0.63895	0.100	13.5	50.0	
	19 Vinyl acetate	0.72587	0.81708	0.010	12.6	50.0	
	20 Isopropyl ether	0.97354	1.06847	0.010	9.8	20.0	
	21 2,2-Dichloropropane	0.61103	0.67164	0.010	9.9	50.0	
	22 Tert-butyl ethyl ether	0.93101	0.98982	0.010	6.3	20.0	
	23 cis-1,2-Dichloroethene	0.33158	0.37222	0.010	12.3	50.0	
	24 2-Butanone	0.09614	0.11317	0.010	17.7	50.0	
	25 Bromochloromethane	0.21883	0.24694	0.010	12.8	50.0	
	26 Chloroform (*)	0.73233	0.82877	0.010	13.2	20.0	
	27 Tetrahydrofuran	0.05809	0.07911	0.010	36.2	50.0	
M	28 1,2-Dichloroethene (total)	0.32913	0.36166	0.010	9.9	50.0	
$	29 Dibromofluoromethane	0.71120	0.70361	0.010	-1.1	50.0	
	30 1,1,1-Trichloroethane	0.76256	0.84541	0.010	10.9	50.0	
	31 Carbon Tetrachloride	0.72937	0.80076	0.010	9.8	50.0	
	32 1,1-Dichloropropene	0.54325	0.58491	0.010	7.7	50.0	
$	33 1,2-Dichloroethane-d4	0.48005	0.51385	0.010	7.0	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.10686	0.010	10.3	50.0	
	35 Benzene	0.84852	0.91222	0.010	7.5	50.0	

AM 10/7/2000

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2525.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m

Injection Date: 07-OCT-2000 10:45
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.60355	0.010	13.0	50.0	
	37 Tert-amyl methyl ether	0.88326	0.94859	0.010	7.4	20.0	
	39 Trichloroethene	0.46731	0.51674	0.010	10.6	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.38044	0.010	10.0	20.0	
	41 Dibromomethane	0.32224	0.37009	0.010	14.8	50.0	
	42 Bromodichloromethane	0.71616	0.79927	0.010	11.6	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.92486	0.010	17.3	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.05720	0.010	30.2	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.59042	0.010	9.3	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.30962	0.010	19.0	50.0	
$	47 Toluene-d8	1.15748	1.11519	0.010	-3.7	50.0	
	48 Toluene (*)	1.22215	1.23970	0.010	1.4	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.59046	0.010	5.8	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.43040	0.010	6.8	50.0	
	51 Tetrachloroethene	0.55481	0.57473	0.010	3.6	50.0	
	52 1,3-Dichloropropane	0.63464	0.68259	0.010	7.6	50.0	
	53 2-Hexanone	0.22062	0.24563	0.010	11.3	50.0	
	54 Dibromochloromethane	0.73783	0.78257	0.010	6.1	50.0	
	55 1,2-Dibromoethane	0.61043	0.65147	0.010	6.7	50.0	
	57 Chlorobenzene (**)	0.98253	0.98367	0.300	0.1	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.62646	0.010	5.5	50.0	
	59 Ethylbenzene (*)	0.45846	0.46290	0.010	1.0	20.0	
	60 m,p-Xylenes	0.57596	0.59683	0.010	3.6	50.0	
	61 o-Xylene	0.55644	0.58537	0.010	5.2	50.0	
	62 Styrene	0.92422	0.96573	0.010	4.5	50.0	
M	63 Xylenes (total)	0.56945	0.59301	0.010	4.1	50.0	
	64 Bromoform (**)	0.59517	0.66202	0.100	11.2	50.0	
	65 Isopropylbenzene	1.75437	1.81178	0.010	3.3	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	0.89850	0.010	-9.8	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.21022	0.010	-8.9	50.0	
	68 Bromobenzene	0.83061	0.84401	0.010	1.6	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.88498	0.300	3.5	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.31919	0.010	14.0	50.0	
	71 n-Propylbenzene	2.58803	2.67206	0.010	3.2	50.0	
	72 2-Chlorotoluene	0.62571	0.62690	0.010	0.2	50.0	
	73 4-Chlorotoluene	0.65344	0.63969	0.010	-2.1	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 07-OCT-2000 10:45
Lab File ID: DS2525.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.10739	0.010	1.2	50.0
75 tert-Butylbenzene	2.15036	2.16897	0.010	0.9	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.13991	0.010	1.0	50.0
77 sec-Butylbenzene	2.82015	2.86215	0.010	1.5	50.0
78 1,3-Dichlorobenzene	1.39311	1.36671	0.010	-1.9	50.0
80 1,4-Dichlorobenzene	1.51990	1.50035	0.010	-1.3	50.0
81 p-Isopropyltoluene	2.32696	2.38343	0.010	2.4	50.0
82 1,2-Dichlorobenzene	1.33233	1.32338	0.010	-0.7	50.0
83 n-Butylbenzene	2.22197	2.30160	0.010	3.6	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.31210	0.010	7.7	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.23445	0.010	0.3	50.0
86 Hexachlorobutadiene	0.92928	1.01265	0.010	9.0	50.0
87 Napthalene	1.86163	1.80217	0.010	-3.2	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.14351	0.010	-0.4	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2525.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Misc Info: 1242-2,,5,,2,all.SUB

Calibration Date: 07-OCT-2000
Calibration Time: 10:45

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1541501	770751	3083002	1541501	0.00
56 Chlorobenzene-d5	1386085	693043	2772170	1386085	0.00
79 1,4-Dichlorobenze	1014827	507414	2029654	1014827	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	0.00
56 Chlorobenzene-d5	12.62	12.12	13.12	12.62	0.00
79 1,4-Dichlorobenze	17.26	16.76	17.76	17.26	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1007AD.B/DS2525.D
Inj. Date : 07-OCT-2000 10:45

ICAL Mid Point : //SANP2021/D/chem/md.i/1004AD.B/DS2515.D
Inj. Date : 04-OCT-2000 11:03

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.09	0.01	1480718	1541501	104.1%
Chlorobenzene-d5	12.63	12.62	0.01	1259551	1386085	110.0%
1,4-Dichlorobenzene-d4	17.27	17.26	0.01	906122	1014827	112.0%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\DS2525.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 07-OCT-2000 10:45
Operator : AD Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1242-2,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 11:10 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.459	1.459	(0.206)	638276	50.0000	46.37
2 Vinyl chloride (*)	62	1.696	1.696	(0.239)	362748	50.0000	54.45
3 Chloromethane (**)	50	1.627	1.627	(0.229)	319509	50.0000	54.51
4 Bromomethane	94	1.971	1.971	(0.278)	347189	50.0000	51.22
5 Chloroethane	64	2.060	2.060	(0.290)	263989	50.0000	61.32
6 Trichlorofluoromethane	101	2.297	2.297	(0.324)	1296011	50.0000	58.69
7 Acrolein	56	2.691	2.691	(0.379)	167207	500.000	405.1(AQ)
8 1,1-Dichloroethene(*)	96	2.789	2.789	(0.393)	482342	50.0000	55.55
9 1,1,2-Trichlorotrifluoroethan	151	2.799	2.799	(0.395)	819632	50.0000	56.58
10 Acetone	43	2.868	2.868	(0.404)	527822	250.000	309.3(Q)
11 Iodomethane	142	2.947	2.947	(0.415)	1878990	100.000	112.3(A)
12 Carbon disulfide	76	2.996	2.996	(0.422)	1094126	50.0000	56.18
13 Methylene chloride	84	3.321	3.321	(0.468)	500107	50.0000	56.70
14 t-Butanol	59	2.563	2.563	(0.361)	316028	1250.00	1411(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.676	3.676	(0.518)	541227	50.0000	53.74
	16 Acrylonitrile	53	3.656	3.656	(0.515)	828719	500.000	631.6(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.705	3.705	(0.522)	1296851	50.0000	55.92
	18 1,1-Dichloroethane (**)	63	4.257	4.257	(0.600)	984942	50.0000	56.75
	19 Vinyl acetate	43	4.395	4.395	(0.619)	2519074	100.000	112.6(A)
	20 Isopropyl ether	45	4.425	4.425	(0.624)	1647045	50.0000	54.88
	21 2,2-Dichloropropane	77	5.154	5.154	(0.726)	1035327	50.0000	54.96
	22 Tert-butyl ethyl ether	59	5.006	5.006	(0.706)	1525815	50.0000	53.16
	23 cis-1,2-Dichloroethene	96	5.164	5.164	(0.728)	573772	50.0000	56.13
	24 2-Butanone	43	5.262	5.262	(0.742)	872221	250.000	294.3
	25 Bromochloromethane	128	5.558	5.558	(0.783)	380663	50.0000	56.42
	26 Chloroform (*)	83	5.725	5.725	(0.807)	1277555	50.0000	56.58
	27 Tetrahydrofuran	42	5.686	5.686	(0.801)	121946	50.0000	68.09
M	28 1,2-Dichloroethene (total)	100				1114999	100.000	109.9
$	29 Dibromofluoromethane	111	5.981	5.981	(0.843)	1084612	50.0000	49.47
	30 1,1,1-Trichloroethane	97	5.962	5.962	(0.840)	1303204	50.0000	55.43
	31 Carbon Tetrachloride	117	6.237	6.237	(0.879)	1234376	50.0000	54.89
	32 1,1-Dichloropropene	75	6.247	6.247	(0.881)	901641	50.0000	53.83
$	33 1,2-Dichloroethane-d4	65	6.513	6.513	(0.918)	792100	50.0000	53.52
	34 1,2-Dichloroethane-d4 2nd	102	6.513	6.513	(0.918)	164726	50.0000	55.17
	35 Benzene	78	6.592	6.592	(0.929)	1406183	50.0000	53.75
	36 1,2-Dichloroethane	62	6.661	6.661	(0.939)	930374	50.0000	56.48
	37 Tert-amyl methyl ether	73	6.878	6.878	(0.969)	1462252	50.0000	53.70
*	38 Fluorobenzene	96	7.095	7.095	(1.000)	1541501	50.0000	
	39 Trichloroethene	130	7.745	7.745	(1.092)	796549	50.0000	55.29
	40 1,2-Dichloropropane(*)	63	8.109	8.109	(1.143)	586448	50.0000	54.98
	41 Dibromomethane	93	8.326	8.326	(1.174)	570498	50.0000	57.42
	42 Bromodichloromethane	83	8.651	8.651	(1.219)	1232075	50.0000	55.80
	43 1-Bromo-2-chloroethane	63	9.154	9.154	(1.290)	1425668	50.0000	58.64(Q)
	44 2-Chloroethylvinyl ether	106	9.272	9.272	(1.307)	176341	100.000	130.2(AQ)
	45 cis-1,3-Dichloropropene	75	9.459	9.459	(1.333)	910134	50.0000	54.64
	46 4-Methyl-2-pentanone	43	9.814	9.814	(1.383)	2386373	250.000	297.5
$	47 Toluene-d8	98	9.922	9.922	(0.786)	1545747	50.0000	48.17
	48 Toluene (*)	91	10.040	10.040	(0.795)	1718330	50.0000	50.72
	49 trans-1,3-Dichloropropene	75	10.523	10.523	(0.834)	818430	50.0000	52.91
	50 1,1,2-Trichloroethane	97	10.838	10.838	(0.859)	596575	50.0000	53.38
	51 Tetrachloroethene	164	11.045	11.045	(0.875)	796623	50.0000	51.80
	52 1,3-Dichloropropane	76	11.134	11.134	(0.882)	946129	50.0000	53.78
	53 2-Hexanone	43	11.390	11.390	(0.902)	1702332	250.000	278.3
	54 Dibromochloromethane	129	11.538	11.538	(0.914)	1084703	50.0000	53.03
	55 1,2-Dibromoethane	107	11.696	11.696	(0.927)	902997	50.0000	53.36
*	56 Chlorobenzene-d5	117	12.622	12.622	(1.000)	1386085	50.0000	
	57 Chlorobenzene (**)	112	12.661	12.661	(1.003)	1363445	50.0000	50.06
	58 1,1,1,2-Tetrachloroethane	131	12.858	12.858	(1.019)	868325	50.0000	52.73
	59 Ethylbenzene (*)	106	12.927	12.927	(1.024)	641625	50.0000	50.48
	60 m,p-Xylenes	106	13.164	13.164	(1.043)	1654507	100.000	103.6
	61 o-Xylene	106	13.942	13.942	(1.105)	811366	50.0000	52.60

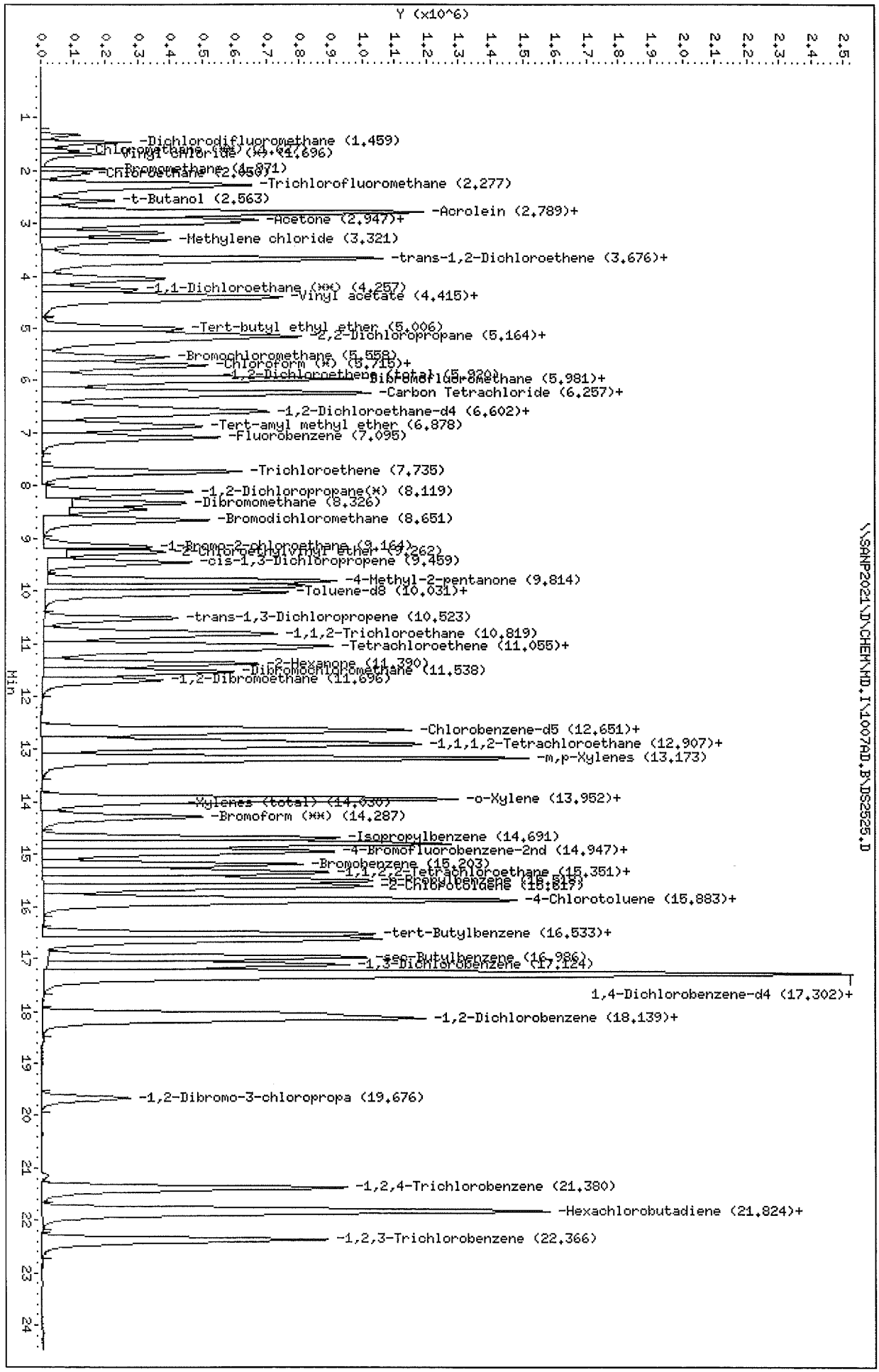
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.971	13.971	(1.107)	1338581	50.0000	52.24
M	63 Xylenes (total)	100				2465873	150.000	156.2
	64 Bromoform (**)	173	14.277	14.277	(1.131)	917622	50.0000	55.62
	65 Isopropylbenzene	105	14.691	14.691	(1.164)	2511288	50.0000	51.64
	66 4-Bromofluorobenzene-2nd	174	14.967	14.967	(0.867)	911824	50.0000	45.12
$	67 4-Bromofluorobenzene	95	14.947	14.947	(0.866)	1228160	50.0000	45.54
	68 Bromobenzene	156	15.203	15.203	(0.881)	856526	50.0000	50.81
	69 1,1,2,2-Tetrachloroethane(**)	83	15.341	15.341	(0.889)	898101	50.0000	51.74
	70 1,2,3-Trichloropropane	110	15.361	15.361	(0.890)	323927	50.0000	56.98
	71 n-Propylbenzene	91	15.518	15.518	(0.899)	2711678	50.0000	51.62
	72 2-Chlorotoluene	126	15.627	15.627	(0.905)	636190	50.0000	50.09
	73 4-Chlorotoluene	126	15.853	15.853	(0.918)	649173	50.0000	48.95
	74 1,3,5-Trimethylbenzene	105	15.902	15.902	(0.921)	2138636	50.0000	50.61
	75 tert-Butylbenzene	119	16.533	16.533	(0.958)	2201126	50.0000	50.43
	76 1,2,4-Trimethylbenzene	105	16.632	16.632	(0.963)	2171643	50.0000	50.48
	77 sec-Butylbenzene	105	16.986	16.986	(0.984)	2904591	50.0000	50.74
	78 1,3-Dichlorobenzene	146	17.124	17.124	(0.992)	1386975	50.0000	49.05
*	79 1,4-Dichlorobenzene-d4	152	17.262	17.262	(1.000)	1014827	50.0000	
	80 1,4-Dichlorobenzene	146	17.321	17.321	(1.003)	1522594	50.0000	49.36
	81 p-Isopropyltoluene	119	17.311	17.311	(1.003)	2418769	50.0000	51.21
	82 1,2-Dichlorobenzene	146	18.050	18.050	(1.046)	1343007	50.0000	49.66
	83 n-Butylbenzene	91	18.139	18.139	(1.051)	2335724	50.0000	51.79
	84 1,2-Dibromo-3-chloropropane	157	19.686	19.686	(1.140)	316726	50.0000	53.83
	85 1,2,4-Trichlorobenzene	180	21.380	21.380	(1.239)	1252749	50.0000	50.16
	86 Hexachlorobutadiene	225	21.804	21.804	(1.263)	1027665	50.0000	54.48
	87 Napthalene	128	21.853	21.853	(1.266)	1828891	50.0000	48.40
	88 1,2,3-Trichlorobenzene	180	22.375	22.375	(1.296)	1160468	50.0000	49.79

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\DS2525.D
Date : 07-OCT-2000 10:45
Client ID:
Sample Info: 50 PPB 8260B STD,,3.0,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: AD
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12818.D
Lab Smp Id: LCS-1007AD Client Smp ID: D12818
Inj Date : 07-OCT-2000 11:26
Operator : AD Inst ID: md.i
Smp Info : LCS-1007AD,LCS,2,,0,1,0,8260BDA.M,D12818
Misc Info : 1244-2,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 11:10 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.780	2.789	(0.392)	376111	45.7431	45.74
$ 29 Dibromofluoromethane	111	5.972	5.981	(0.842)	1057940	50.9516	50.95
$ 33 1,2-Dichloroethane-d4	65	6.524	6.513	(0.919)	715355	51.0417	51.04
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.513	(0.918)	154703	54.7133	54.71
35 Benzene	78	6.583	6.592	(0.928)	1069164	43.1585	43.16
* 38 Fluorobenzene	96	7.096	7.095	(1.000)	1459771	50.0000	
39 Trichloroethene	130	7.726	7.745	(1.089)	627629	46.0023	46.00
$ 47 Toluene-d8	98	9.923	9.922	(0.787)	1440595	46.8896	46.89
48 Toluene (*)	91	10.031	10.040	(0.795)	1337625	41.2345	41.23
* 56 Chlorobenzene-d5	117	12.613	12.622	(1.000)	1327150	50.0000	
57 Chlorobenzene (**)	112	12.662	12.661	(1.004)	1069380	41.0050	41.00
$ 67 4-Bromofluorobenzene	95	14.948	14.947	(0.865)	1180168	45.1249	45.12
66 4-Bromofluorobenzene-2nd	174	14.958	14.967	(0.866)	882992	45.0616	45.06
* 79 1,4-Dichlorobenzene-d4	152	17.273	17.262	(1.000)	984095	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

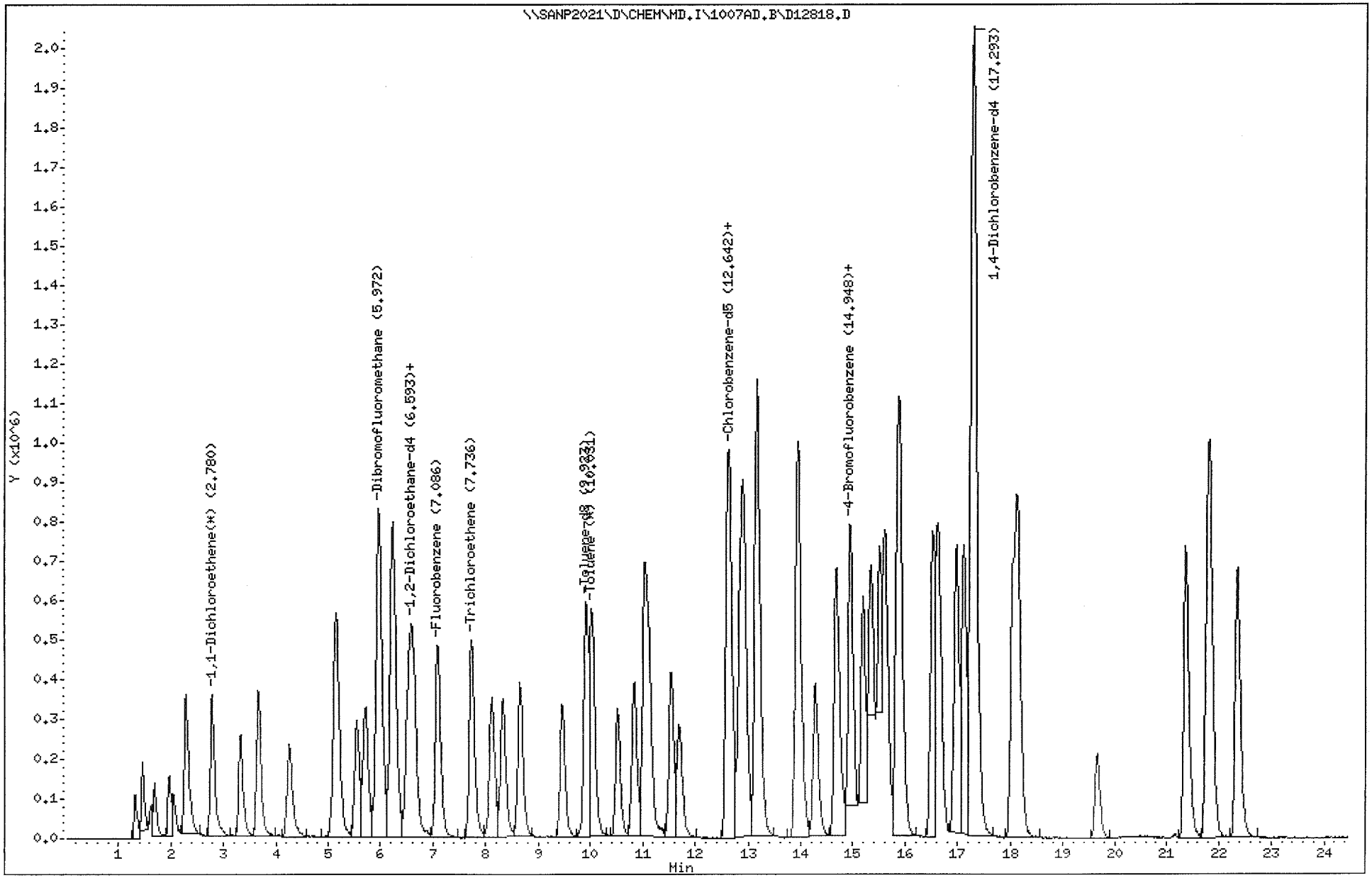
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12818.D
Date : 07-OCT-2000 11:26
Client ID: D12818
Sample Info: LCS-1007AD,LCS,2,,0,1,0,8260BDA.M,D12818

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000541

BOE-C6-0158960

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1007AD.B\D12819.D
Lab Smp Id: MB-1006AD Client Smp ID: D12778
Inj Date : 07-OCT-2000 11:58
Operator : AD Inst ID: md.i
Smp Info : MB-1006AD,BLANK,2,,0,1,0,8260BDA.M,D12778
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.977	5.981	(0.843)	942714	48.3643	48.36
$ 33 1,2-Dichloroethane-d4	65	6.519	6.513	(0.919)	591367	44.9479	44.95
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.513	(0.918)	54101	20.3822	20.38(Q)
* 38 Fluorobenzene	96	7.090	7.095	(1.000)	1370365	50.0000	
$ 47 Toluene-d8	98	9.918	9.922	(0.786)	1301220	45.1489	45.15
* 56 Chlorobenzene-d5	117	12.618	12.622	(1.000)	1244967	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.962	14.967	(0.866)	784601	43.9823	43.98
$ 67 4-Bromofluorobenzene	95	14.952	14.947	(0.865)	1034155	43.4347	43.43
* 79 1,4-Dichlorobenzene-d4	152	17.278	17.262	(1.000)	895896	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1007AD.B\D12819.D
Lab Smp Id: MB-1006AD Client Smp ID: D12778
Inj Date : 07-OCT-2000 11:58
Operator : AD Inst ID: md.i
Smp Info : MB-1006AD,BLANK,2,,0,1,0,8260BDA.M,D12778
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	3151845	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	481665	7.64100588	7.64	0		0	38

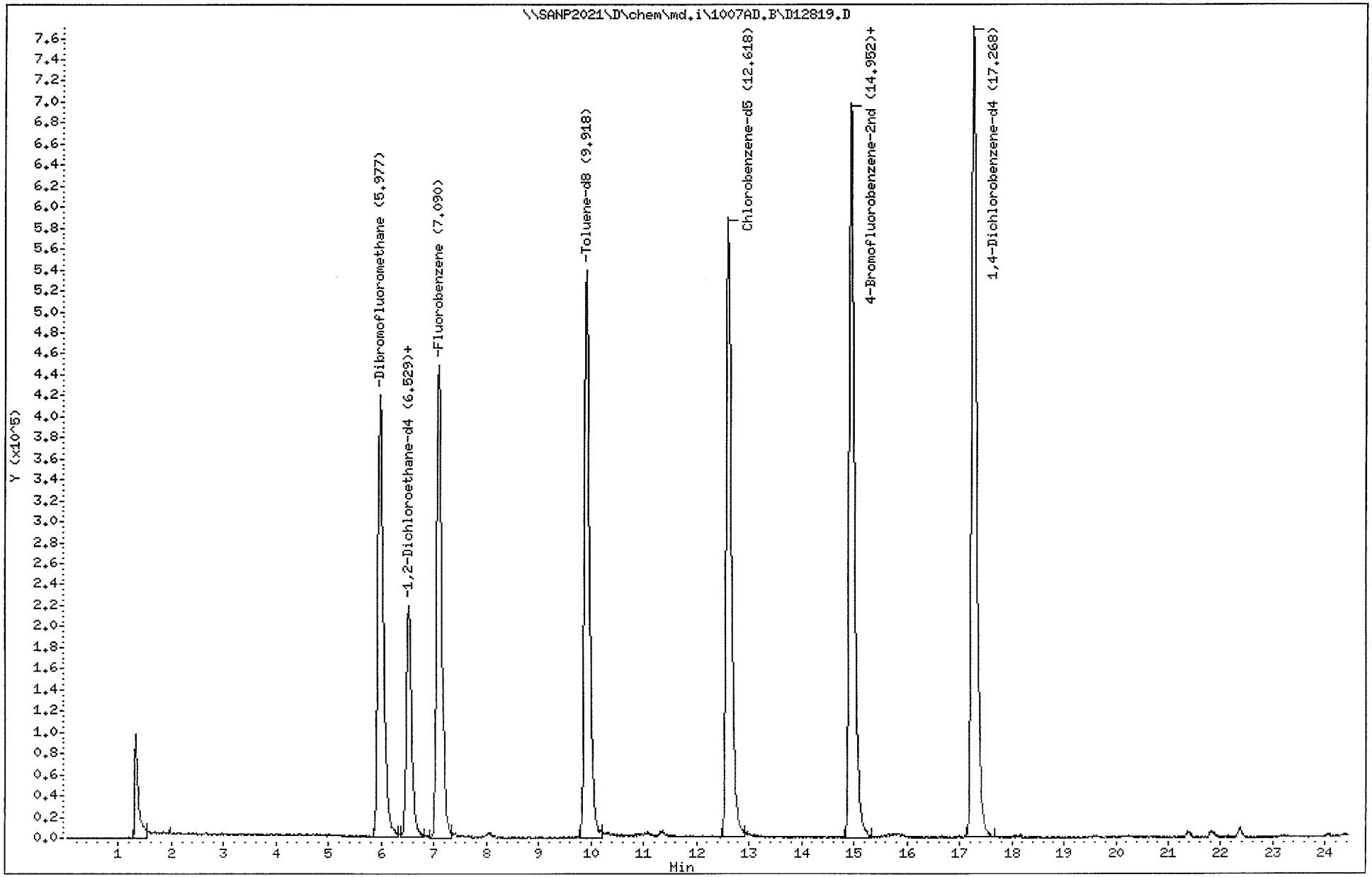
Data File: \\SANP2021\D\chem\md.i\1007AD.B\D12819.D
Date : 07-OCT-2000 11:58
Client ID: D12778
Sample Info: MB-1006AD,BLANK,2,,0,1,0,8260BDA,M,D12778

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000544

BOE-C6-0158963

Data File: \\SANP2021\D\chem\md.i\1007AD.B\D12819.D

Date : 07-OCT-2000 11:58

Client ID: D12778

Instrument: md.i

Sample Info: MB-1006AD,BLANK,2,,0,1,0,8260BDA,M,D12778

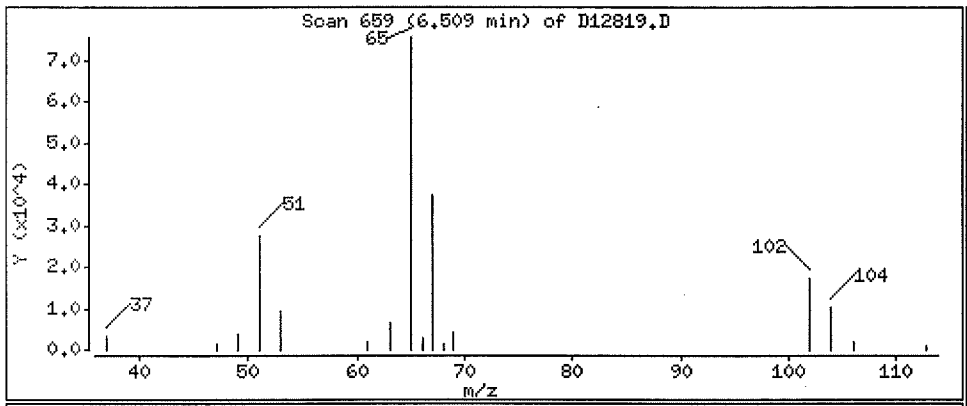
Operator: AD

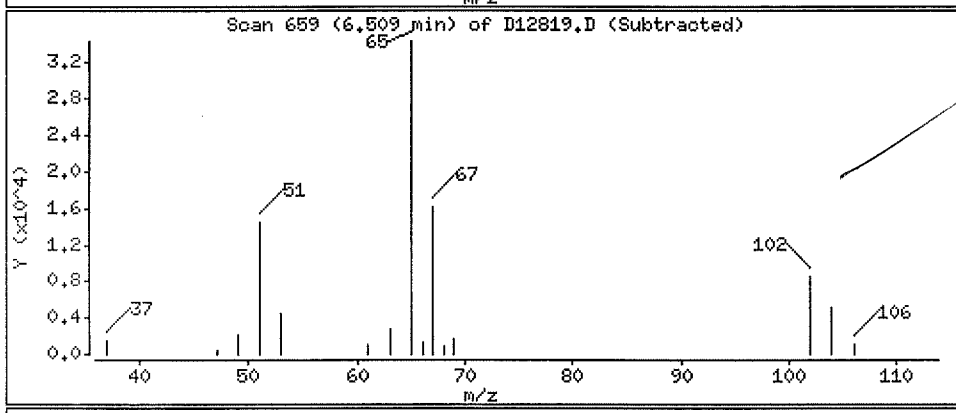
Column phase: J&W DB-624

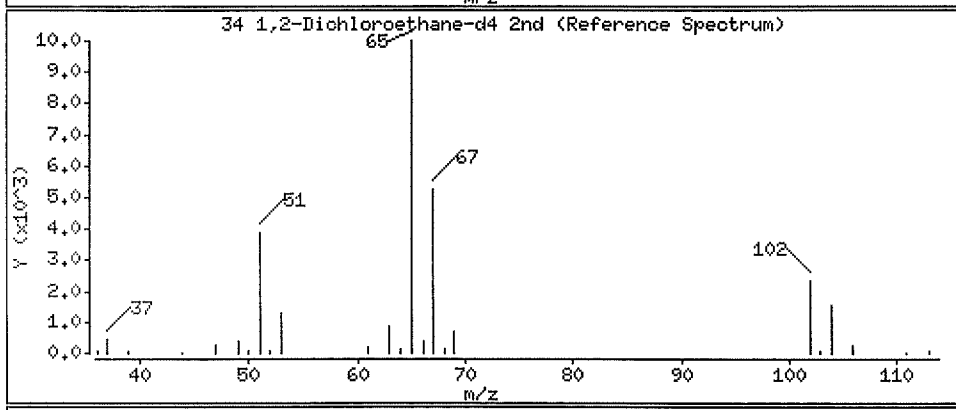
Column diameter: 0.53

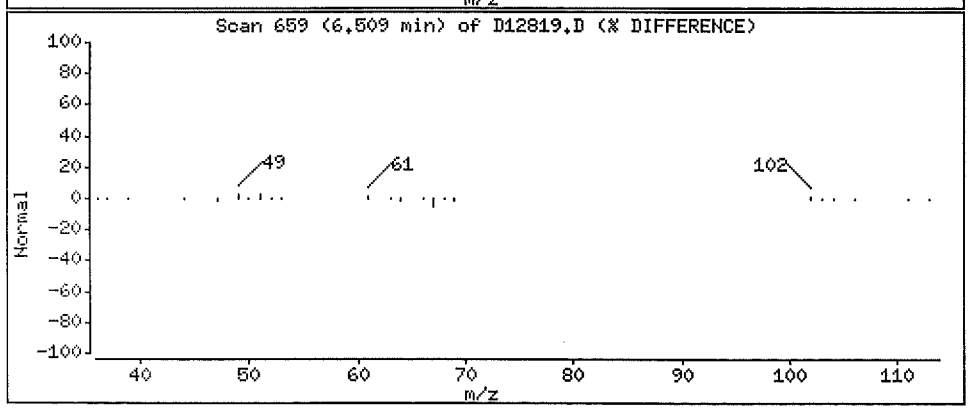
34 1,2-Dichloroethane-d4 2nd

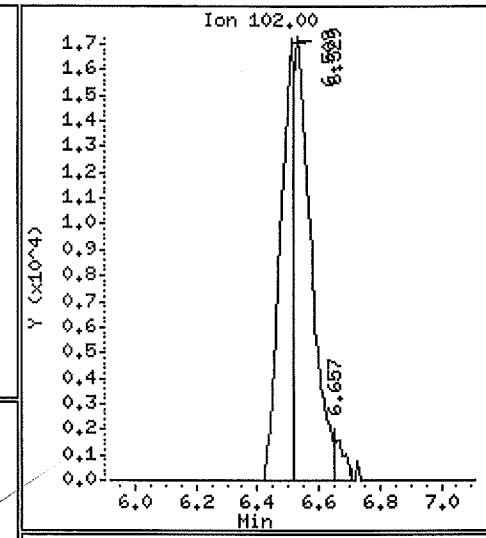
Concentration: 20.38 ug/Kg

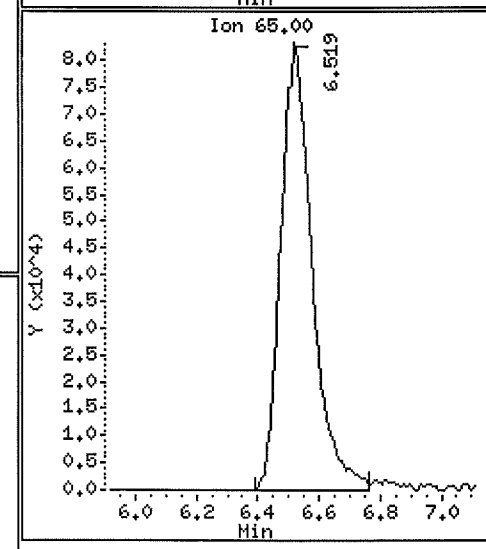












Data File: \\SANP2021\D\chem\md.i\1007AD.B\D12819.D

Date : 07-OCT-2000 11:58

Client ID: D12778

Instrument: md.i

Sample Info: MB-1006AD,BLANK,2,,0,1,0,8260BDA,M,D12778

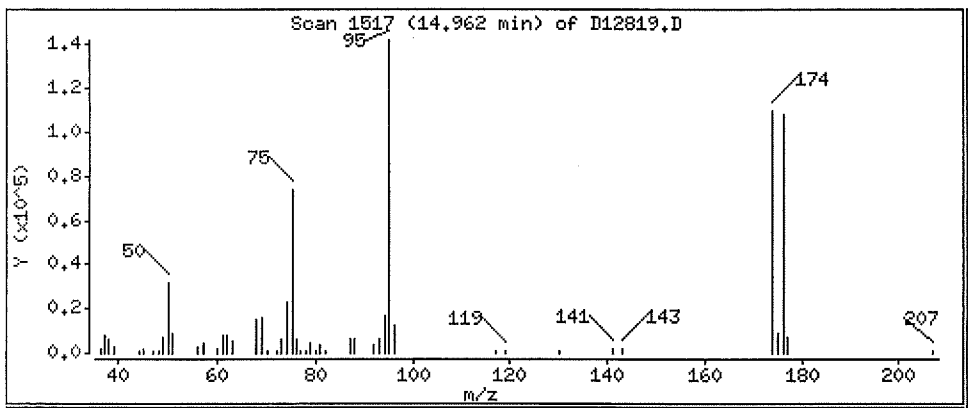
Operator: AD

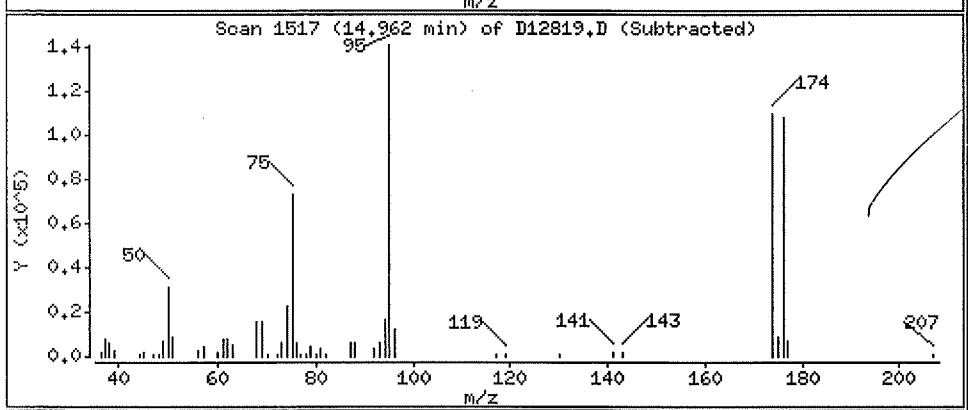
Column phase: J&W DB-624

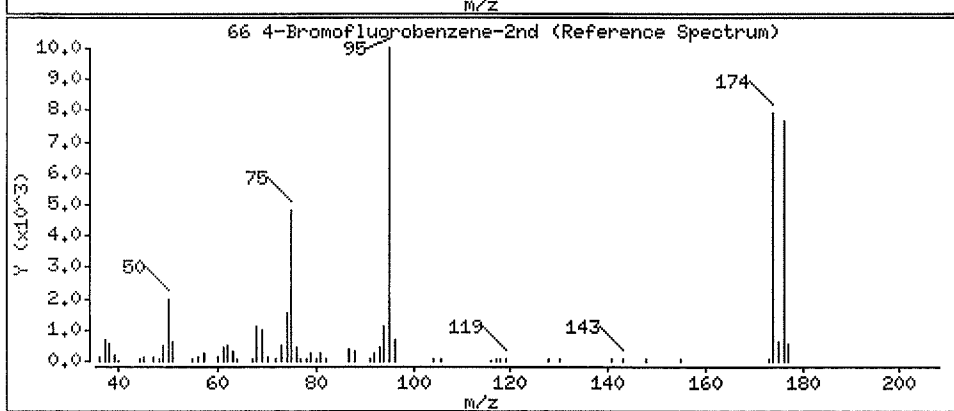
Column diameter: 0.53

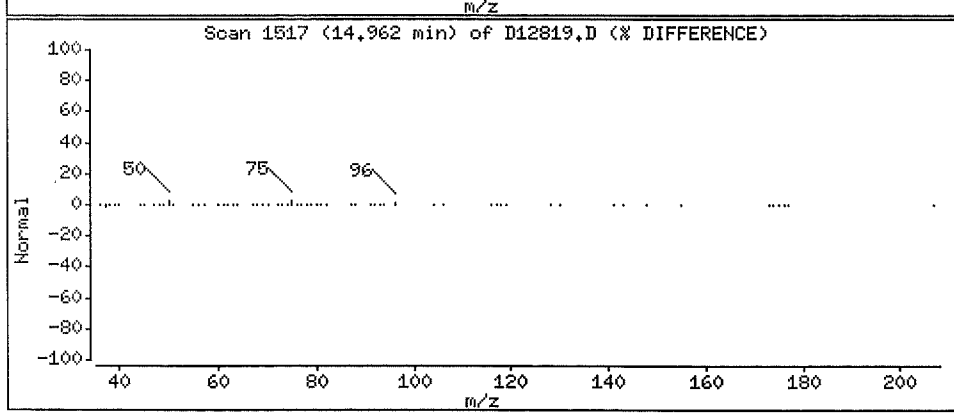
66 4-Bromofluorobenzene-2nd

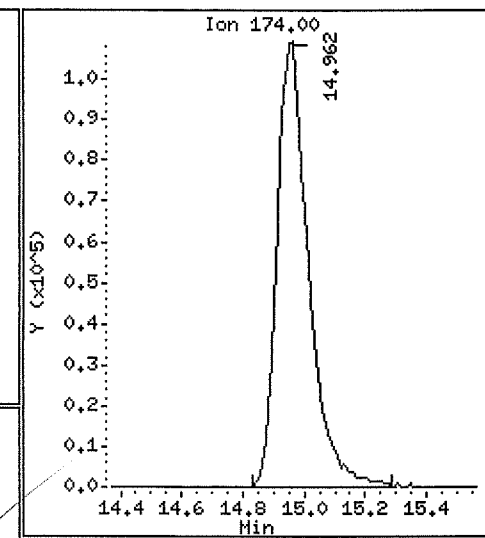
Concentration: 43.98 ug/Kg

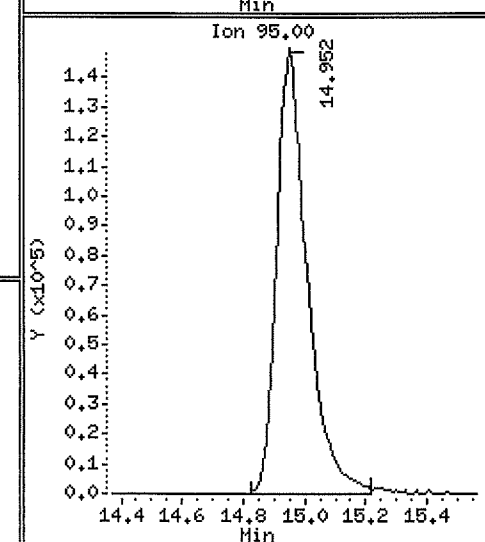


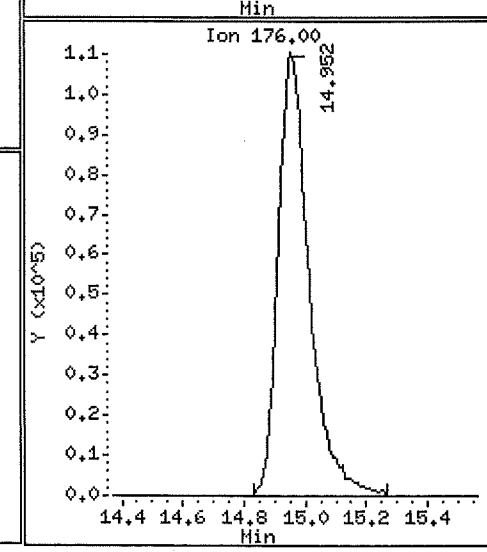












Data File: \\SANP2021\D\chem\md.i\1007AD.B\D12819.D

Date : 07-OCT-2000 11:58

Client ID: D12778

Instrument: md.i

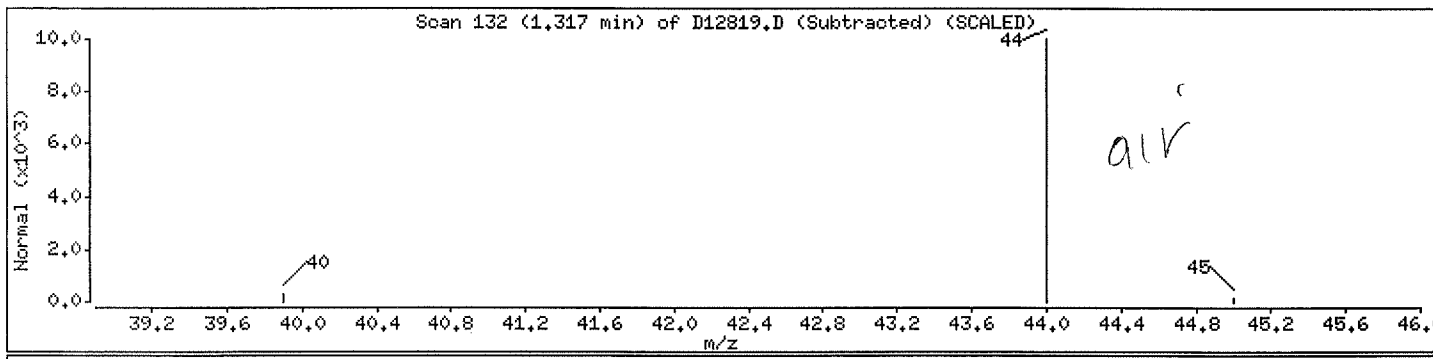
Sample Info: MB-1006AD,BLANK,2,,0,1,0,8260BDA.M,D12778

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12824.D
Lab Smp Id: DLC7L102 Client Smp ID: D12824
Inj Date : 07-OCT-2000 14:46
Operator : AD Inst ID: md.i
Smp Info : DLC7L102,MS,2,,0,1,0,8260BDA.M,D12824
Misc Info : E0I290371-3S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.789	(0.393)	360082	50.8015	50.80
$ 29 Dibromofluoromethane	111	5.987	5.981	(0.844)	962407	53.7676	53.77
$ 33 1,2-Dichloroethane-d4	65	6.509	6.513	(0.918)	616410	51.0198	51.02
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.513	(0.921)	123430	50.6384	50.64
35 Benzene	78	6.588	6.592	(0.929)	1045018	48.9341	48.93
* 38 Fluorobenzene	96	7.090	7.095	(1.000)	1258401	50.0000	
39 Trichloroethene	130	7.740	7.745	(1.092)	619661	52.6861	52.69
$ 47 Toluene-d8	98	9.918	9.922	(0.785)	1247980	46.2785	46.28
48 Toluene (*)	91	10.036	10.040	(0.795)	1300955	45.6905	45.69
* 56 Chlorobenzene-d5	117	12.627	12.622	(1.000)	1164885	50.0000	
57 Chlorobenzene (**)	112	12.666	12.661	(1.003)	1058985	46.2627	46.26
$ 67 4-Bromofluorobenzene	95	14.952	14.947	(0.866)	1031586	44.4198	44.42
66 4-Bromofluorobenzene-2nd	174	14.952	14.967	(0.866)	781386	44.9071	44.91
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.262	(1.000)	873851	50.0000	

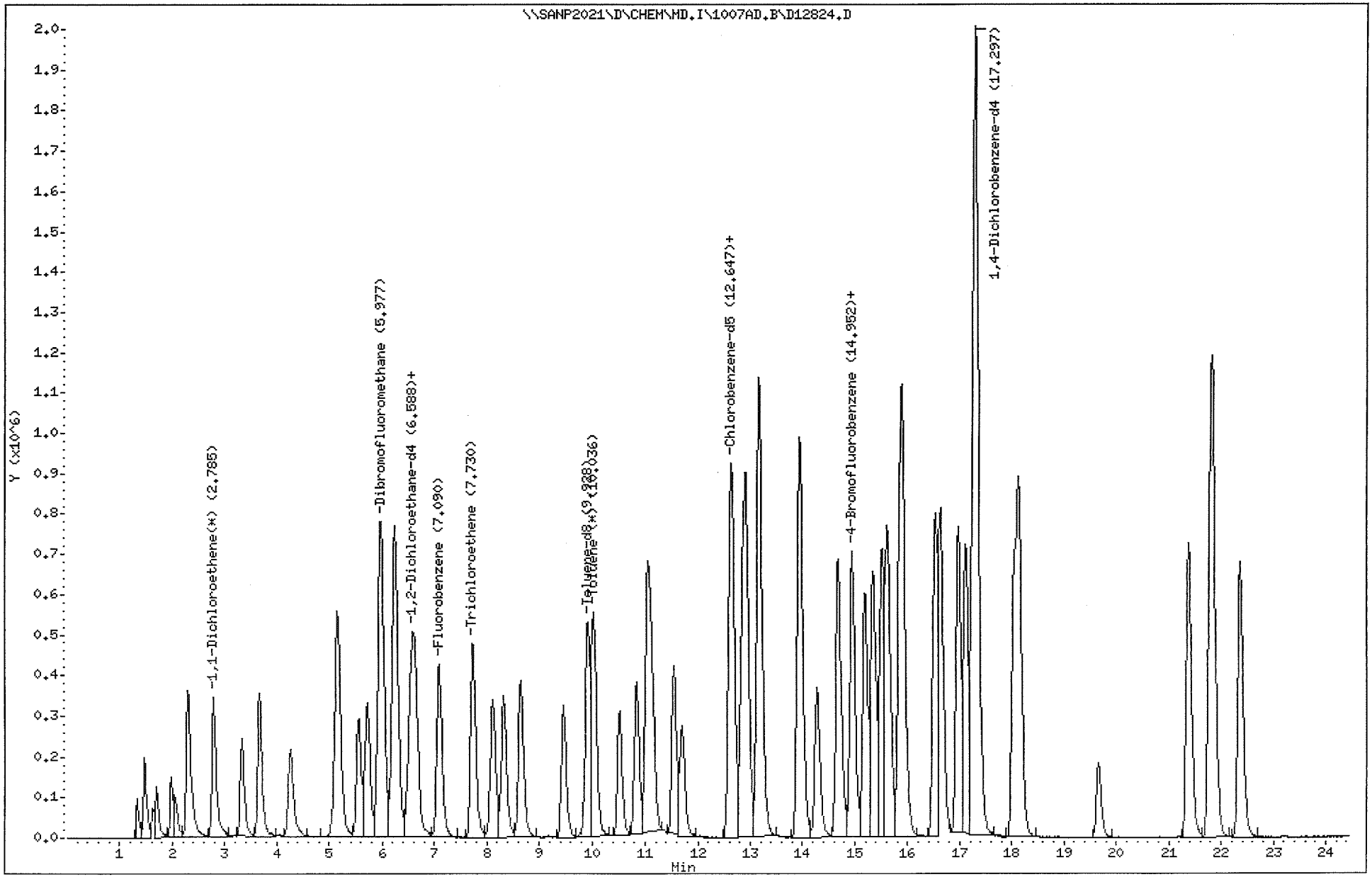
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12824.D
Date : 07-OCT-2000 14:46
Client ID: D12824
Sample Info: DLC7L102,MS,2,,0,1,0,8260BDA.M,D12824

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000549

BOE-C6-0158968

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12825.D
Lab Smp Id: DLC7L103 Client Smp ID: D12825
Inj Date : 07-OCT-2000 15:18
Operator : AD Inst ID: md.i
Smp Info : DLC7L103,MSD,2,,0,1,0,8260BDA.M,D12825
Misc Info : E0I290371-3D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.784	2.789	(0.393)	368967	49.9698	49.97
$ 29 Dibromofluoromethane	111	5.986	5.981	(0.844)	983894	52.7661	52.77
$ 33 1,2-Dichloroethane-d4	65	6.518	6.513	(0.919)	641054	50.9341	50.93
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.513	(0.919)	127197	50.0936	50.09
35 Benzene	78	6.587	6.592	(0.929)	1056605	47.4948	47.49
* 38 Fluorobenzene	96	7.089	7.095	(1.000)	1310913	50.0000	
39 Trichloroethene	130	7.740	7.745	(1.092)	629055	51.3423	51.34
$ 47 Toluene-d8	98	9.917	9.922	(0.787)	1278832	46.3181	46.32
48 Toluene (*)	91	10.045	10.040	(0.797)	1331964	45.6900	45.69
* 56 Chlorobenzene-d5	117	12.607	12.622	(1.000)	1192663	50.0000	
57 Chlorobenzene (**)	112	12.666	12.661	(1.005)	1078518	46.0187	46.02
$ 67 4-Bromofluorobenzene	95	14.942	14.947	(0.865)	1059513	44.7221	44.72
66 4-Bromofluorobenzene-2nd	174	14.951	14.967	(0.866)	816849	46.0188	46.02
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.262	(1.000)	891441	50.0000	

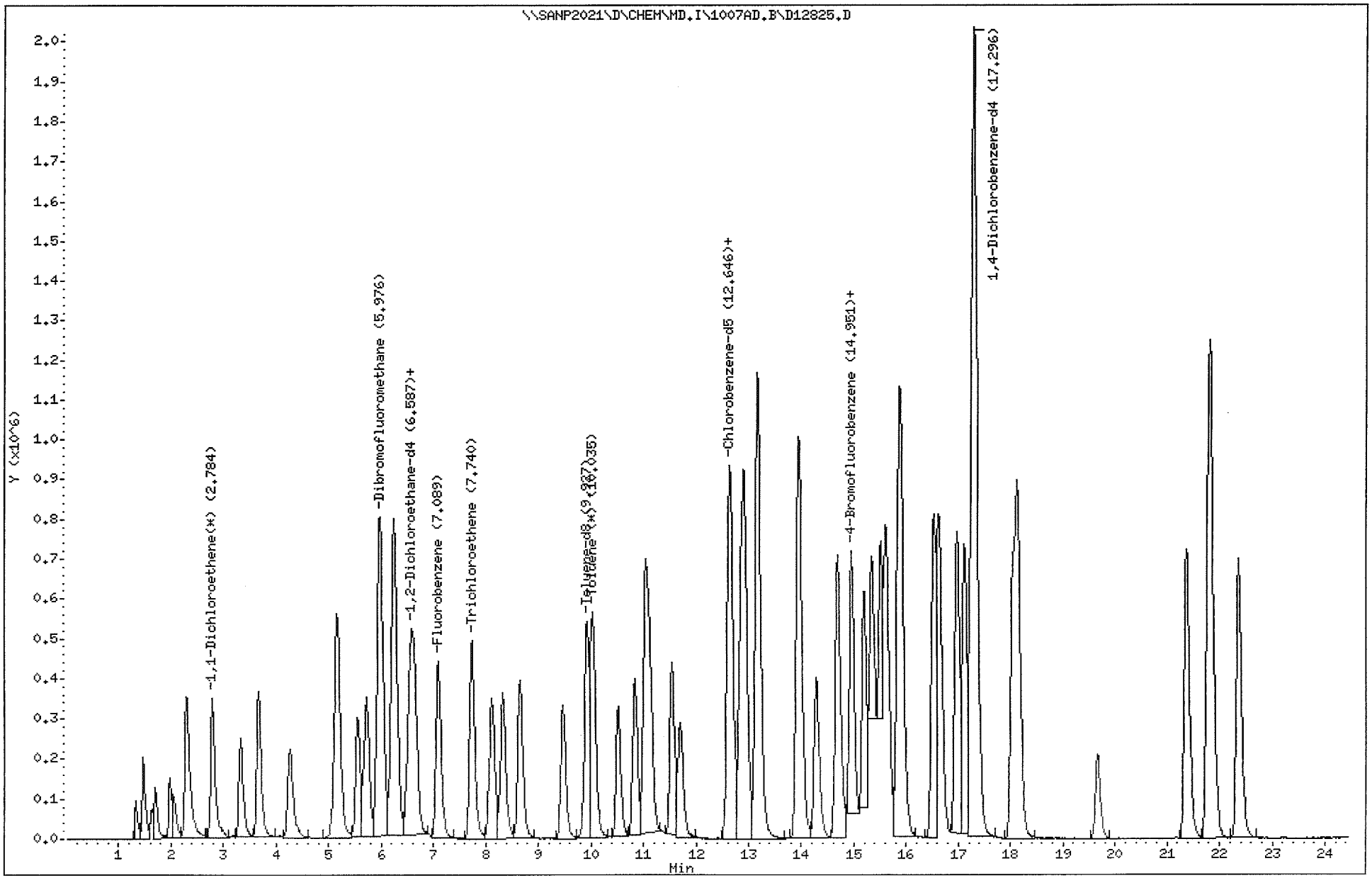
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12825.D
Date : 07-OCT-2000 15:18
Client ID: D12825
Sample Info: DLC7L103,MSD,2,,0,1,0,8260BDA.M,D12825

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0158970

00051

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12821.D
Lab Smp Id: DLC7K101 Client Smp ID: D12821
Inj Date : 07-OCT-2000 13:11
Operator : AD Inst ID: md.i
Smp Info : DLC7K101,,2,,0,1,0,8260BDA.M,D12821
Misc Info : E0I290371-2,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.976	5.981	(0.843)	862675	47.6654	47.66
$ 33 1,2-Dichloroethane-d4	65	6.518	6.513	(0.919)	536040	43.8794	43.88
34 1,2-Dichloroethane-d4 2nd	102	6.527	6.513	(0.921)	106854	43.3554	43.36
* 38 Fluorobenzene	96	7.089	7.095	(1.000)	1272405	50.0000	
39 Trichloroethene	130	7.729	7.745	(1.090)	26034	2.18916	2.19(a)
$ 47 Toluene-d8	98	9.927	9.922	(0.787)	1205332	44.6966	44.70
* 56 Chlorobenzene-d5	117	12.606	12.622	(1.000)	1164896	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.951	14.967	(0.865)	717610	44.5030	44.50
$ 67 4-Bromofluorobenzene	95	14.951	14.947	(0.865)	954516	44.3513	44.35
* 79 1,4-Dichlorobenzene-d4	152	17.276	17.262	(1.000)	809815	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12821.D
Lab Smp Id: DLC7K101 Client Smp ID: D12821
Inj Date : 07-OCT-2000 13:11
Operator : AD Inst ID: md.i
Smp Info : DLC7K101,,2,,0,1,0,8260BDA.M,D12821
Misc Info : E0I290371-2,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.089	2945855	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	474495	8.05360441	8.05	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC7K101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12821
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ a\r	1.326	8.05	J

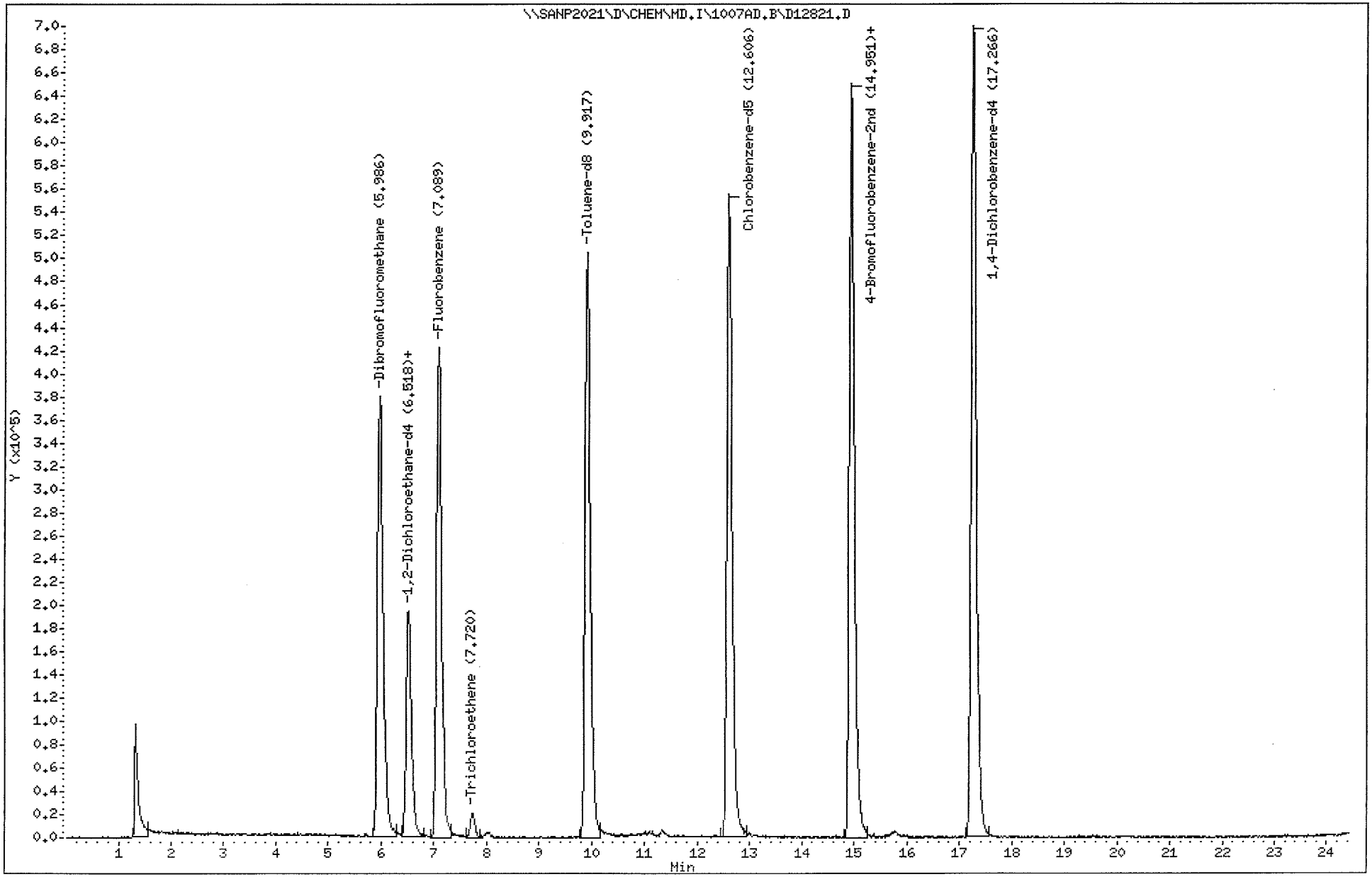
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12821.D
Date : 07-OCT-2000 13:11
Client ID: D12821
Sample Info: DLC7K101,,2,,0,1,0,8260BDA.M,D12821

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000556

BOE-C6-0158975

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12821.D

Date : 07-OCT-2000 13:11

Client ID: D12821

Instrument: md.i

Sample Info: DLC7K101,,2,,0,1,0,8260BDA.M,D12821

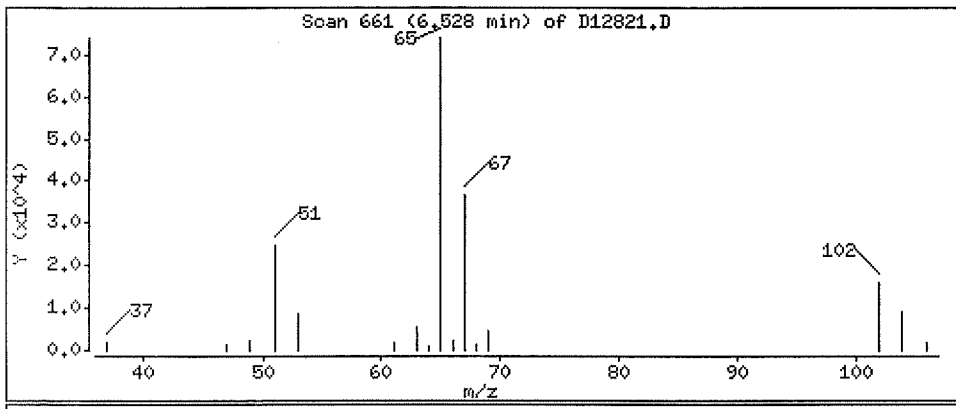
Operator: AD

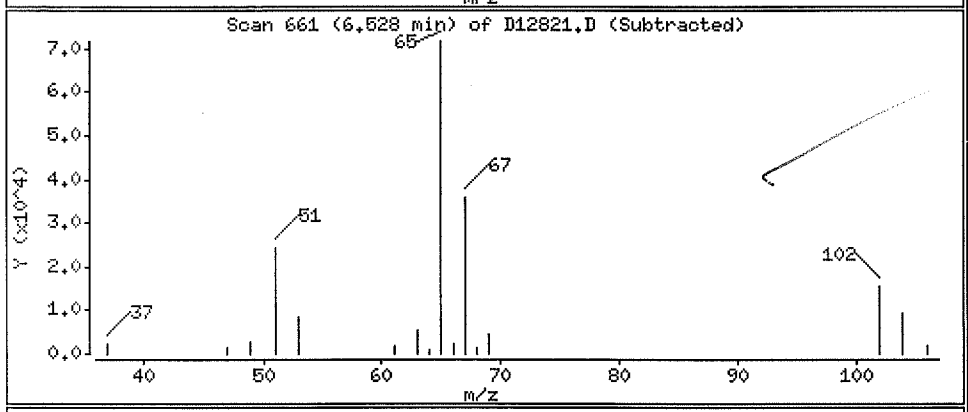
Column phase: J&W DB-624

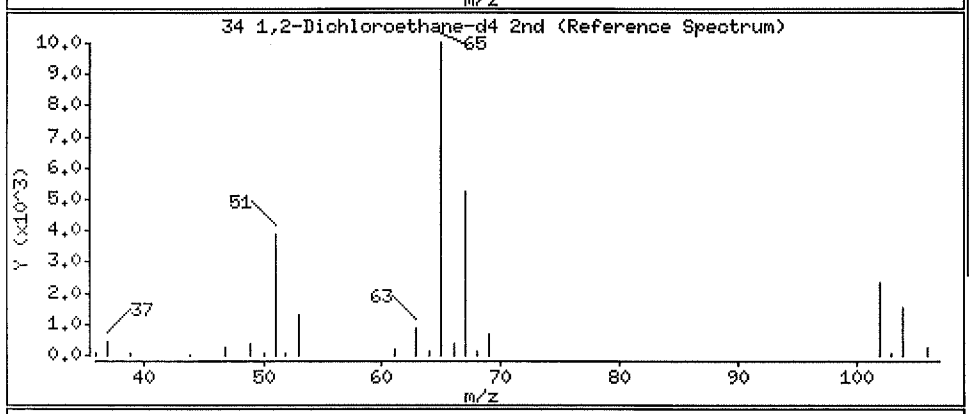
Column diameter: 0.53

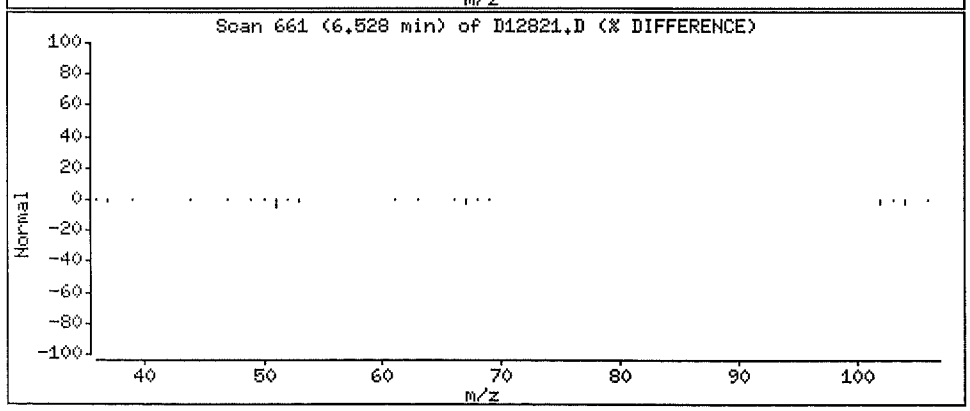
34 1,2-Dichloroethane-d4 2nd

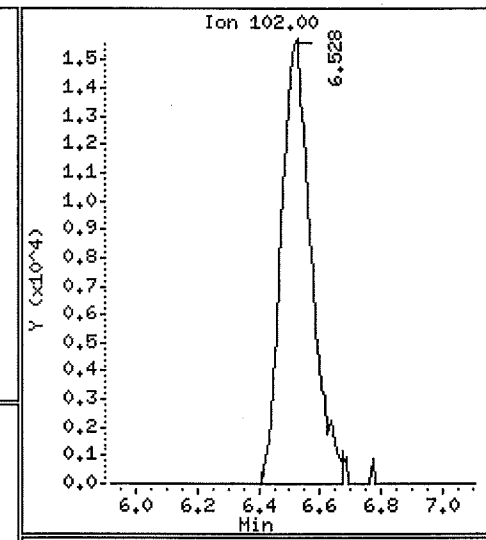
Concentration: 43.36 ug/Kg

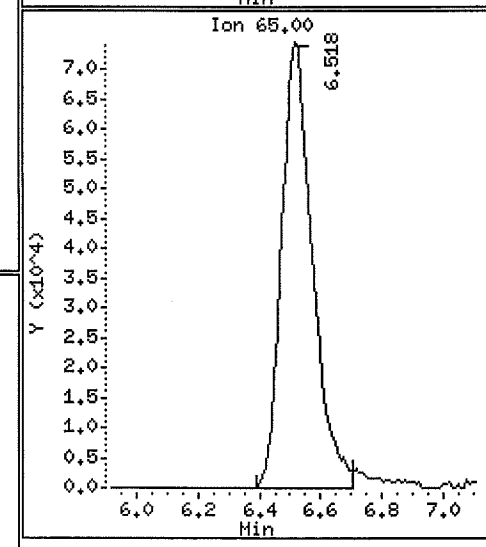












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12821.D

Date : 07-OCT-2000 13:11

Client ID: D12821

Instrument: md.i

Sample Info: DLC7K101,,2,,0,1,0,8260BDA.M,D12821

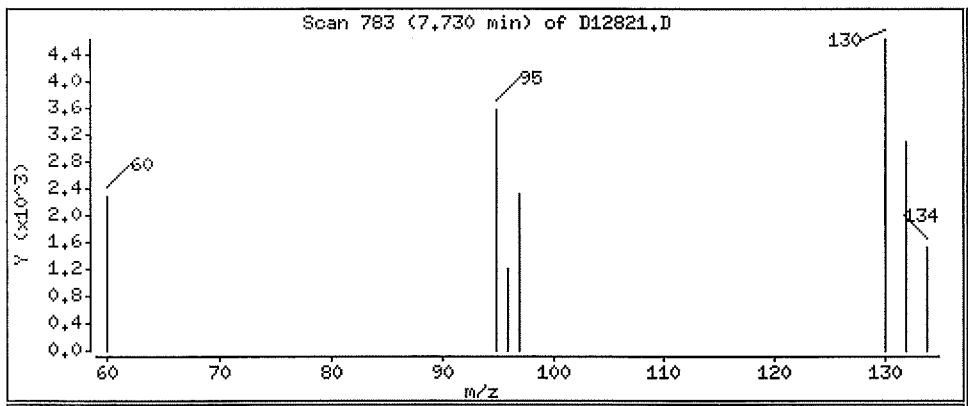
Operator: AD

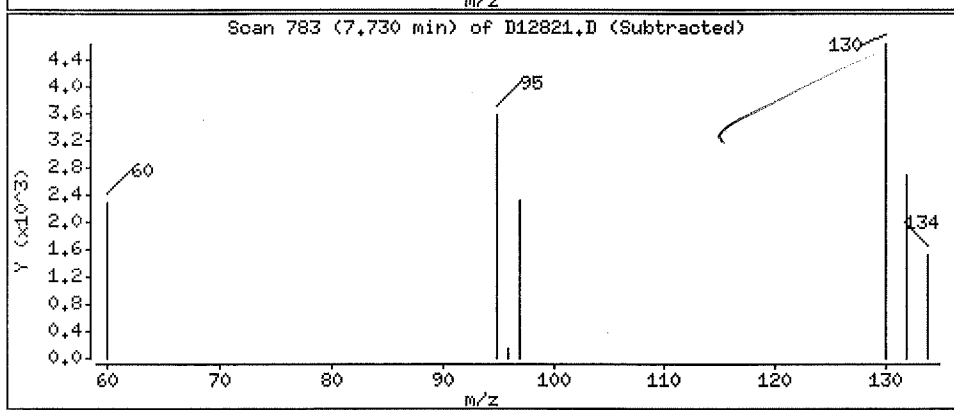
Column phase: J&W DB-624

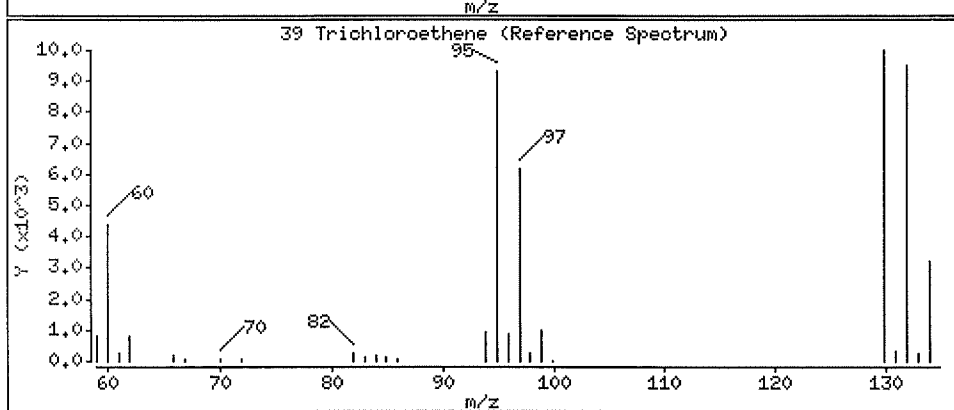
Column diameter: 0.53

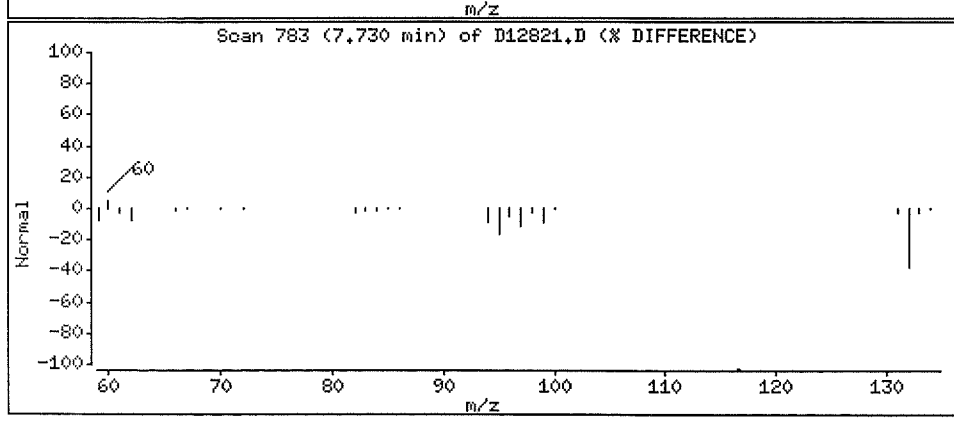
39 Trichloroethene

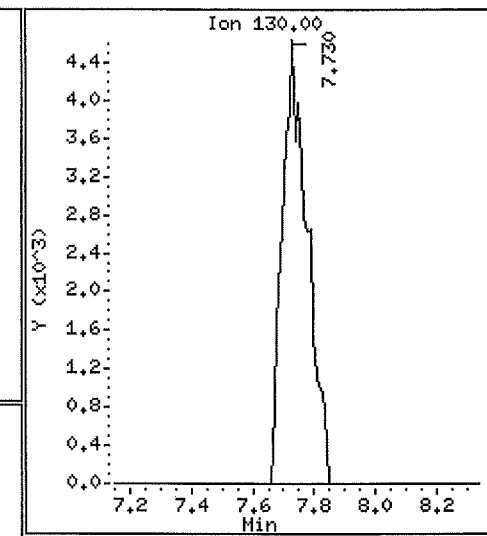
Concentration: 2.19 ug/Kg

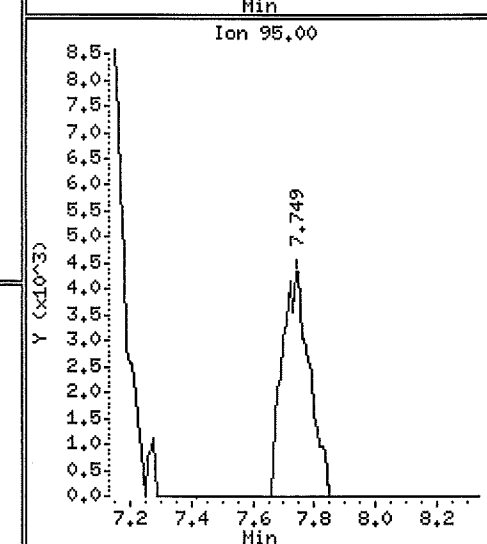


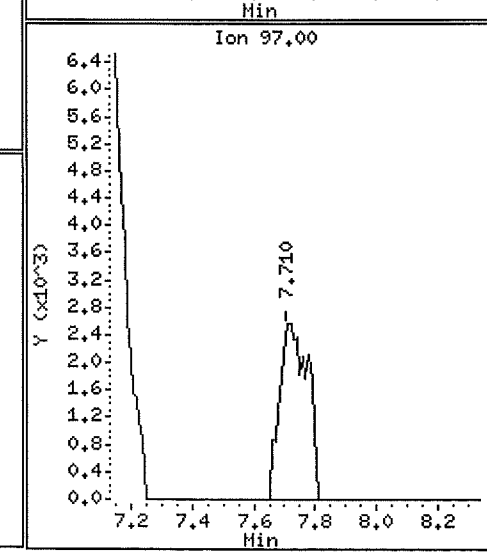












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12821.D

Date : 07-OCT-2000 13:11

Client ID: D12821

Instrument: md.i

Sample Info: DLC7K101,,2,,0,1,0,8260BDA.M,D12821

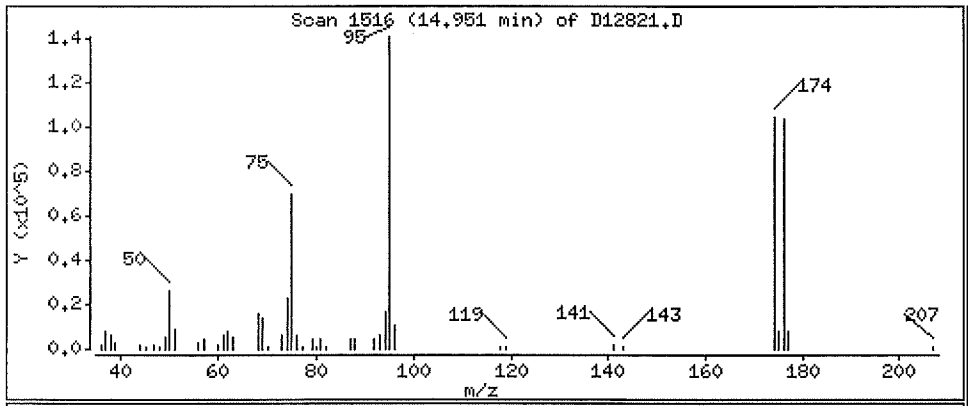
Operator: AD

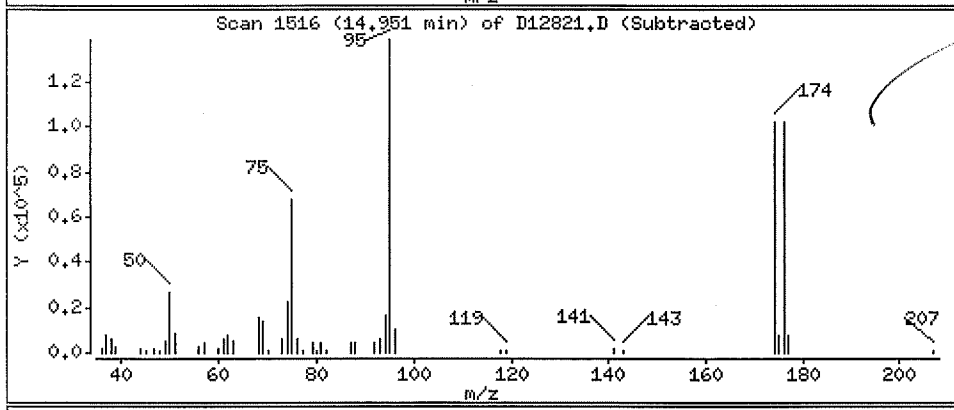
Column phase: J&W DB-624

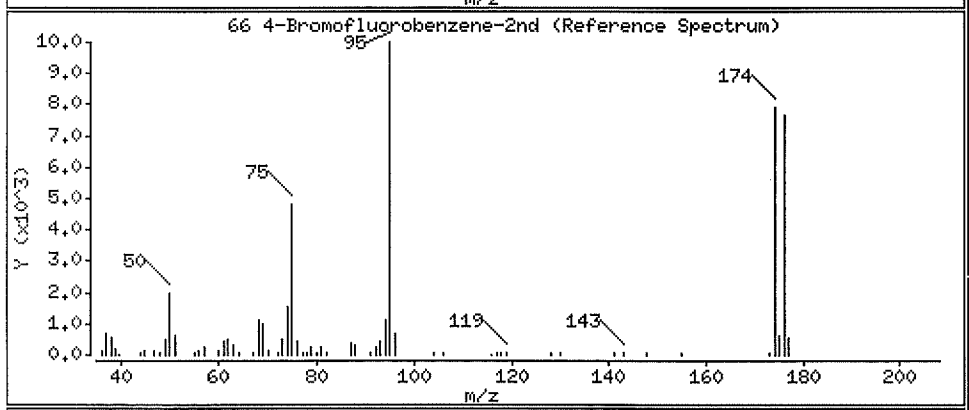
Column diameter: 0.53

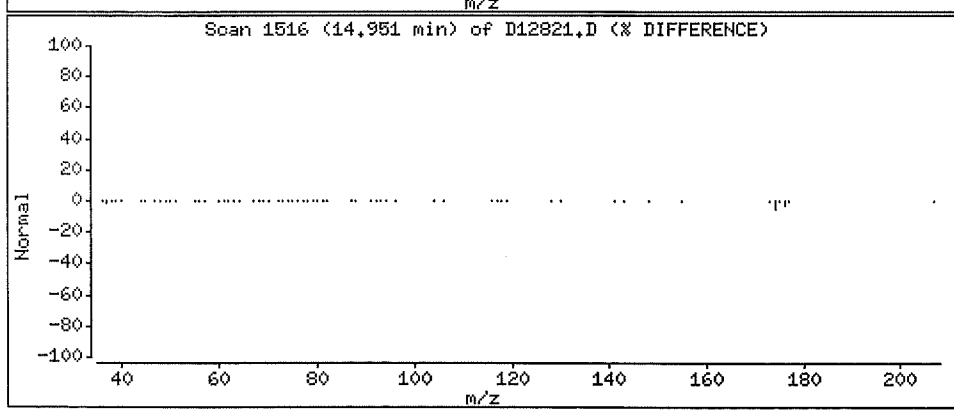
66 4-Bromofluorobenzene-2nd

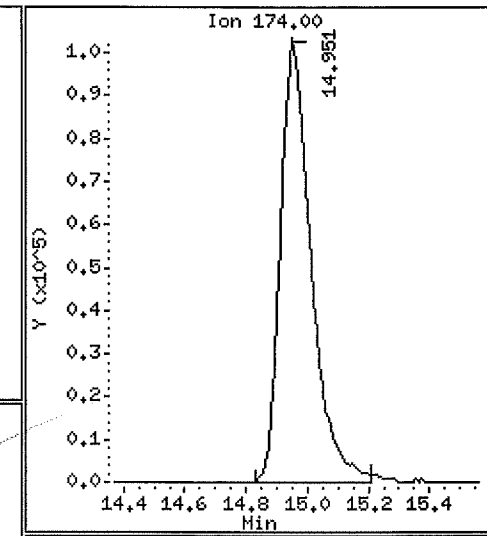
Concentration: 44.50 ug/Kg

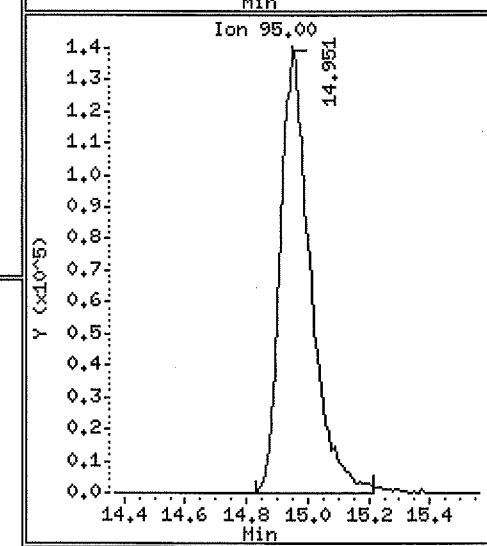


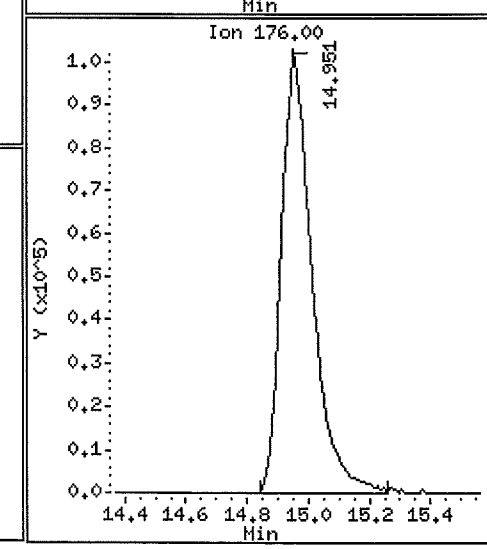












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12821.D

Date : 07-OCT-2000 13:11

Client ID: D12821

Instrument: md.i

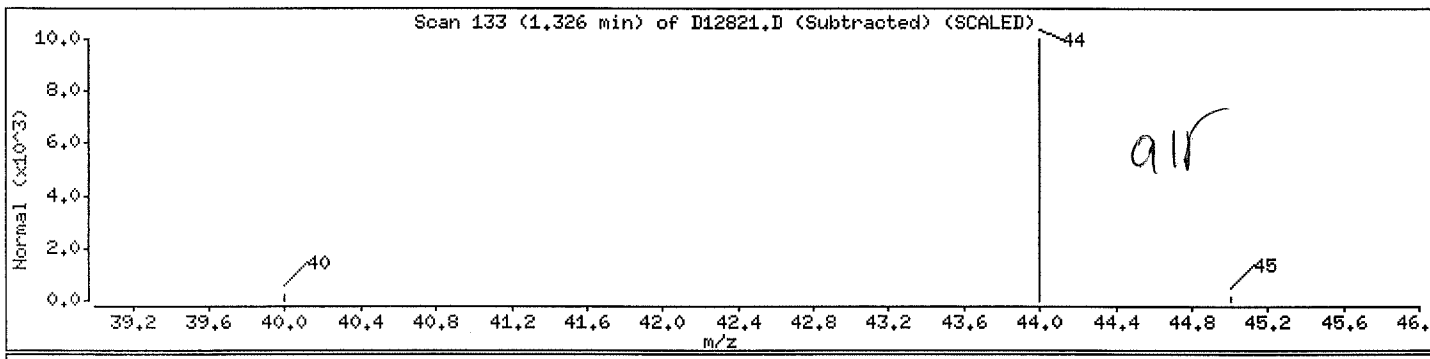
Sample Info: DLC7K101,,2,,0,1,0,8260BDA.M,D12821

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12822.D
Lab Smp Id: DLC7L101 Client Smp ID: D12822
Inj Date : 07-OCT-2000 13:43
Operator : AD Inst ID: md.i
Smp Info : DLC7L101,,2,,0,1,0,8260BDA.M,D12822
Misc Info : E0I290371-3,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.991	5.981	(0.844)	828207	47.4697	47.47
$ 33 1,2-Dichloroethane-d4	65	6.523	6.513	(0.919)	549407	46.6529	46.65
34 1,2-Dichloroethane-d4 2nd	102	6.523	6.513	(0.919)	108585	45.7031	45.70
* 38 Fluorobenzene	96	7.095	7.095	(1.000)	1226602	50.0000	
$ 47 Toluene-d8	98	9.922	9.922	(0.787)	1171147	44.8602	44.86
* 56 Chlorobenzene-d5	117	12.612	12.622	(1.000)	1127730	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.957	14.967	(0.866)	696659	44.3072	44.31
$ 67 4-Bromofluorobenzene	95	14.957	14.947	(0.866)	926065	44.1284	44.13
* 79 1,4-Dichlorobenzene-d4	152	17.272	17.262	(1.000)	789645	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12822.D
Lab Smp Id: DLC7L101 Client Smp ID: D12822
Inj Date : 07-OCT-2000 13:43
Operator : AD Inst ID: md.i
Smp Info : DLC7L101,,2,,0,1,0,8260BDA.M,D12822
Misc Info : E0I290371-3,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.095	2820885	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	500008	8.86260015	8.86	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC7L101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12822
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ a Vr	1.321	8.86	J

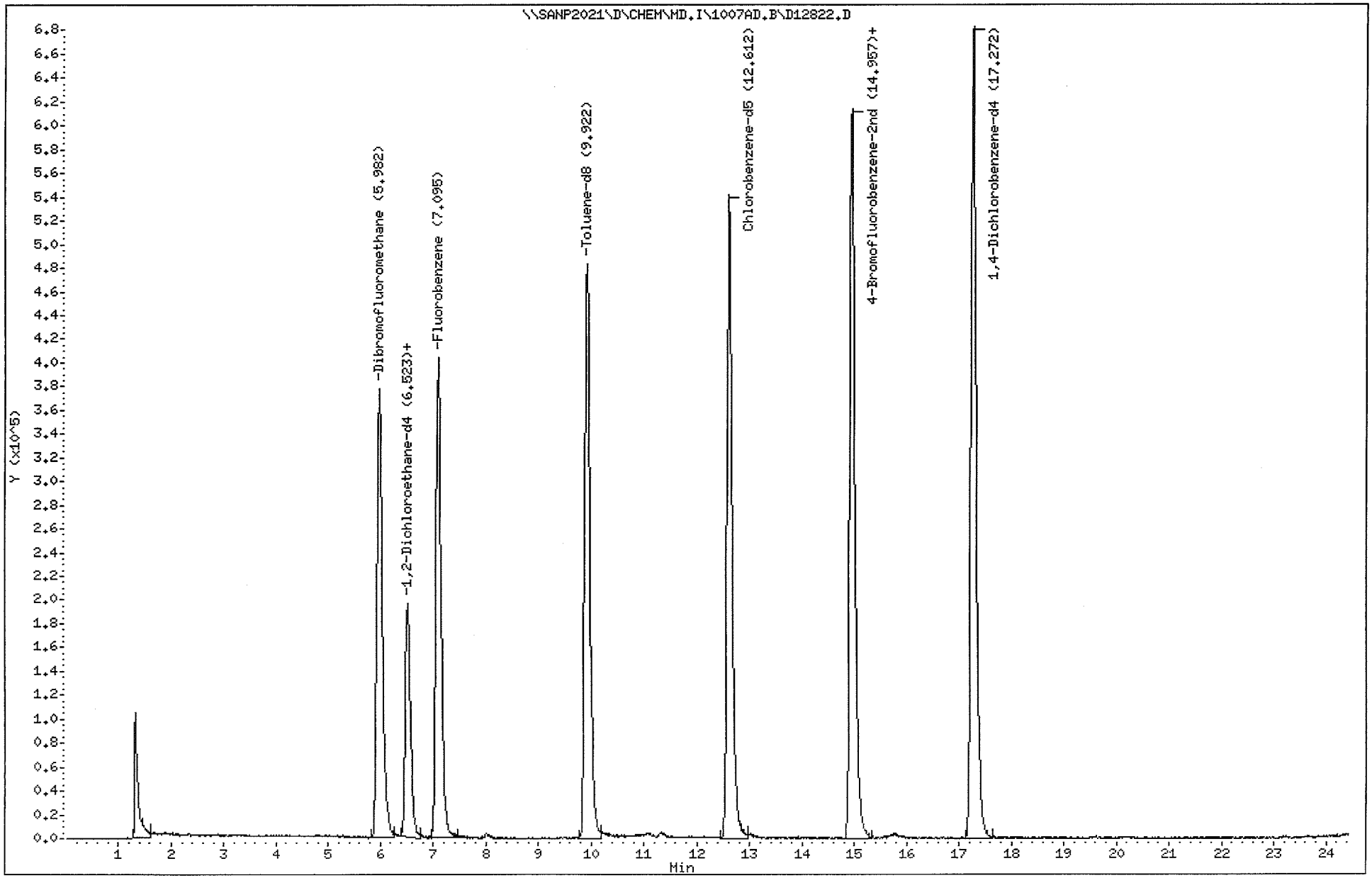
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12822.D
Date : 07-OCT-2000 13:43
Client ID: D12822
Sample Info: DLC7L101,,2,,0,1,0,8260BDA.M,D12822

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000564

BOE-C6-0158983

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12822.D

Date : 07-OCT-2000 13:43

Client ID: D12822

Instrument: md.i

Sample Info: DLC7L101,,2,,0,1,0,8260BDA.M,D12822

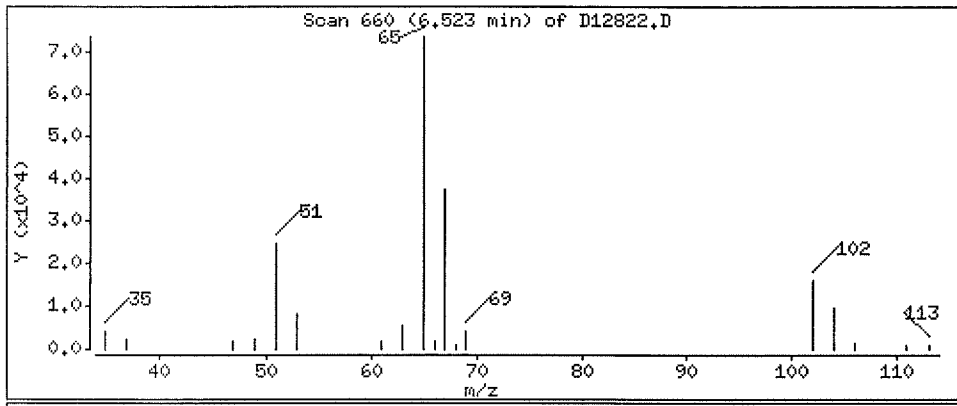
Operator: AD

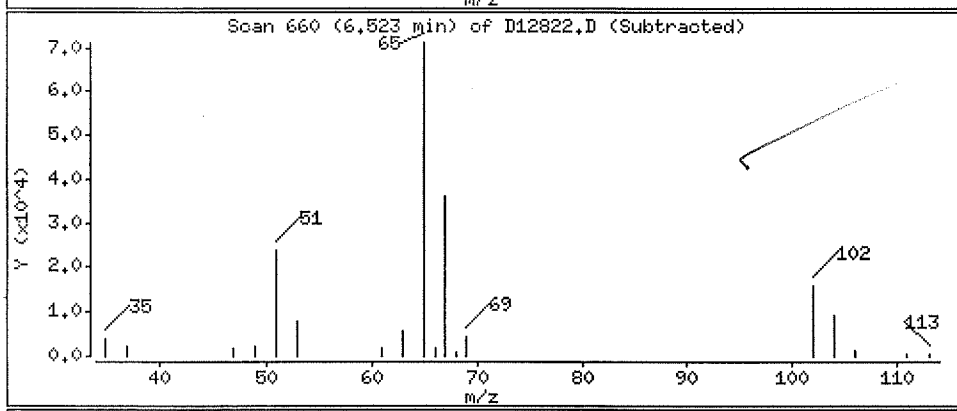
Column phase: J&W DB-624

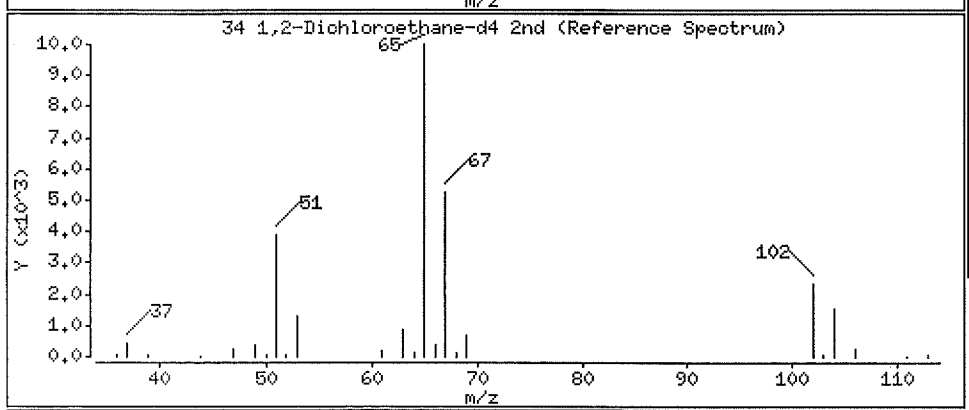
Column diameter: 0.53

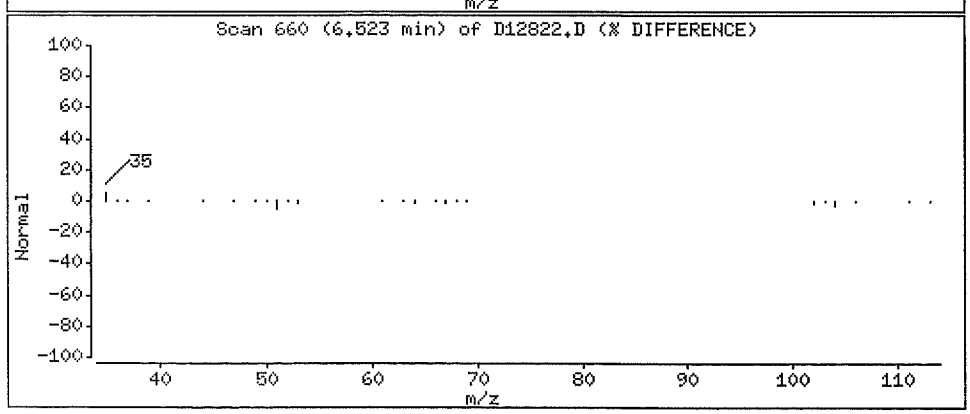
34 1,2-Dichloroethane-d4 2nd

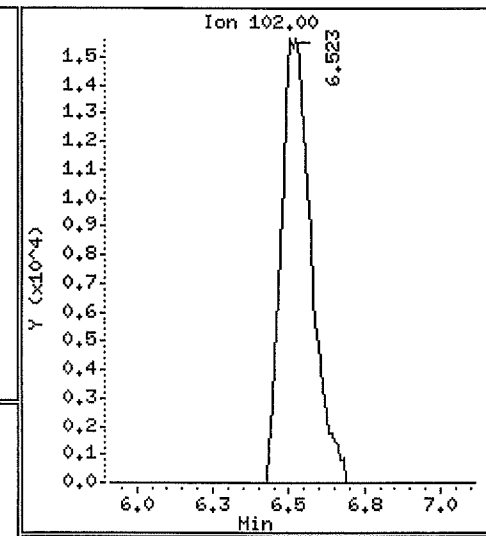
Concentration: 45.70 ug/Kg

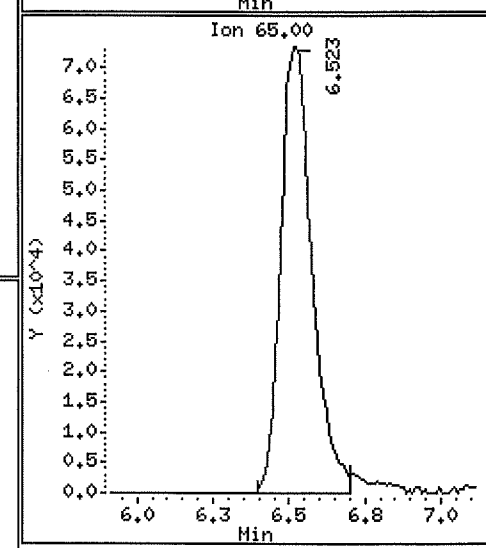












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12822.D

Date : 07-OCT-2000 13:43

Client ID: D12822

Instrument: md.i

Sample Info: DLC7L101,,2,,0,1,0,8260BDA.M,D12822

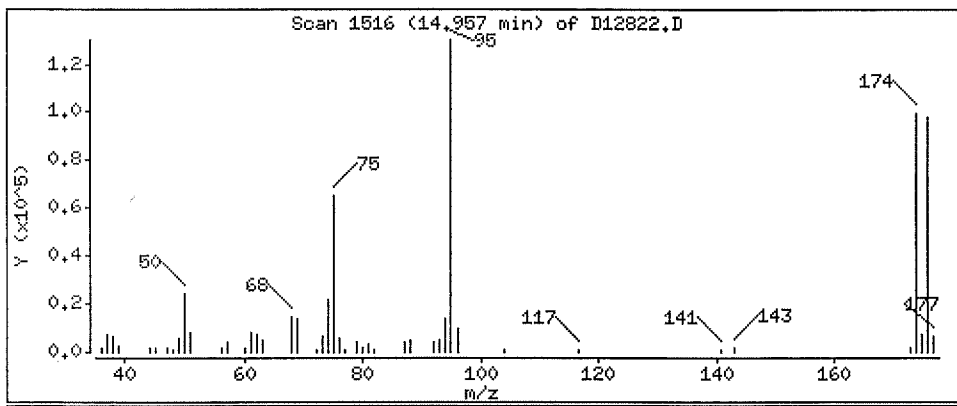
Operator: AD

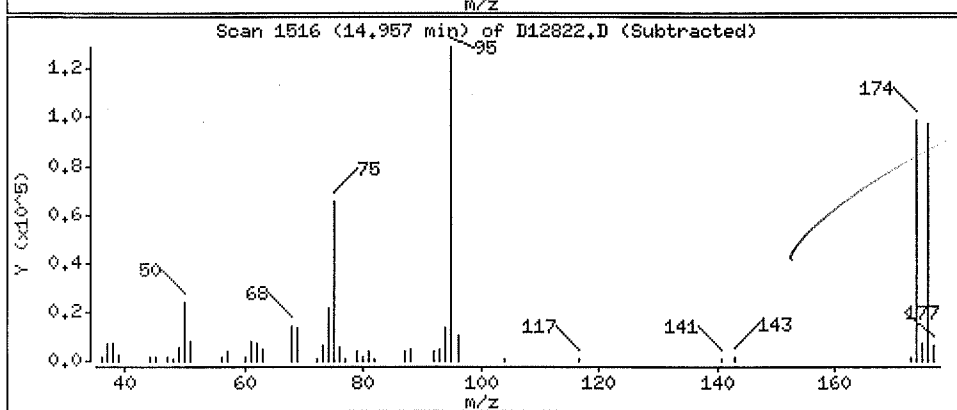
Column phase: J&W DB-624

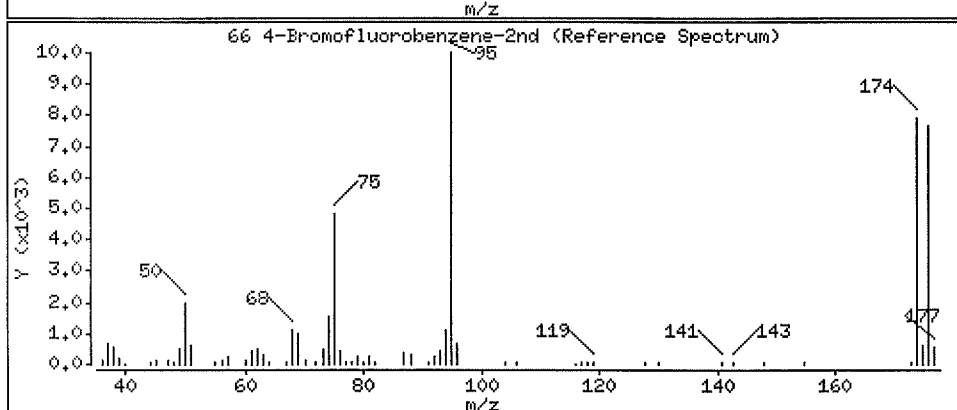
Column diameter: 0.53

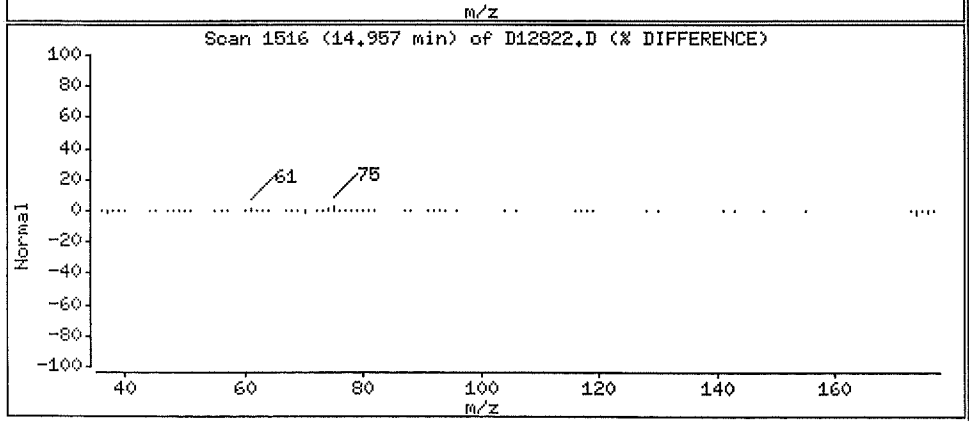
66 4-Bromofluorobenzene-2nd

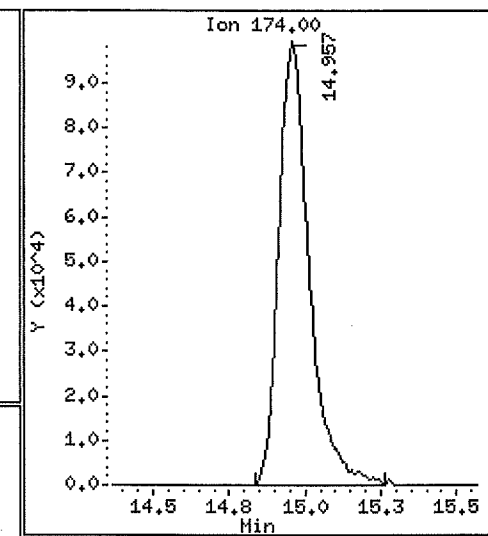
Concentration: 44.31 ug/Kg

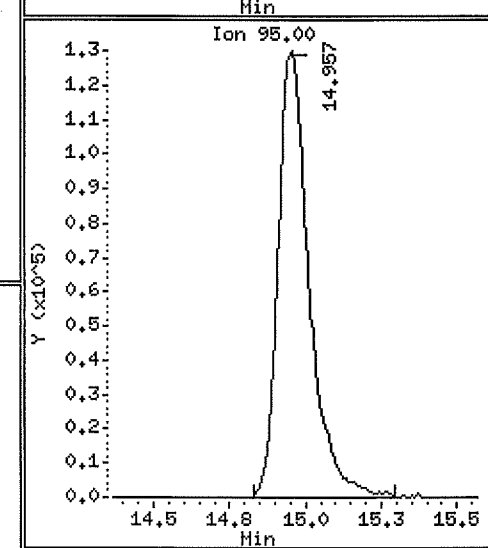


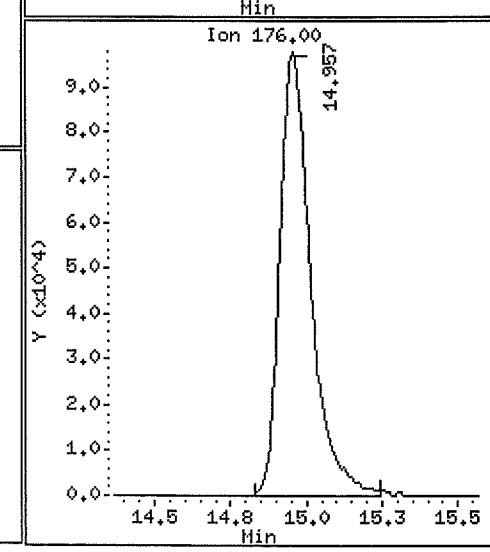












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12822.D

Date : 07-OCT-2000 13:43

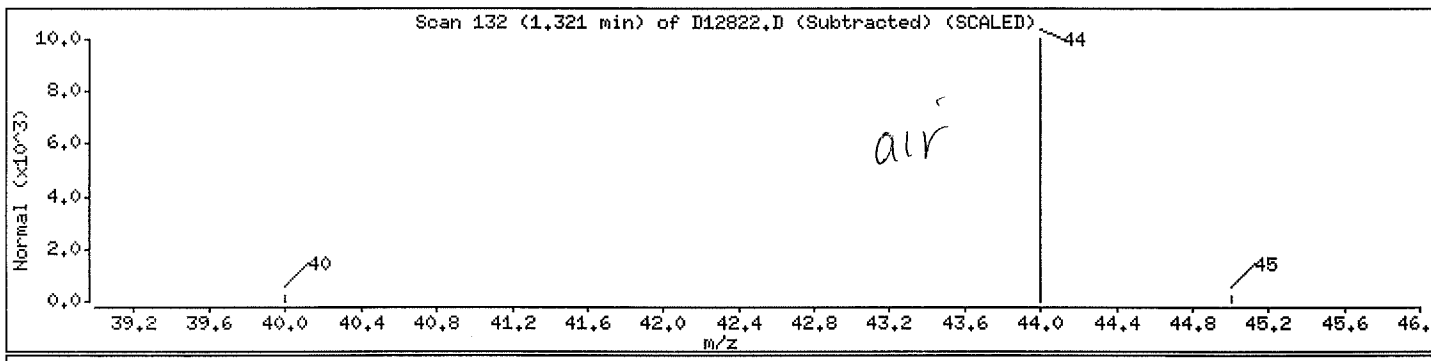
Client ID: D12822 Instrument: md.i

Sample Info: DLC7L101,,2,,0,1,0,8260BDA.M,D12822

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12823.D
Lab Smp Id: DLC7N101 Client Smp ID: D12823
Inj Date : 07-OCT-2000 14:15
Operator : AD Inst ID: md.i
Smp Info : DLC7N101,,2,,0,1,0,8260BDA.M,D12823
Misc Info : E0I290371-4,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.982	5.981	(0.843)	870872	49.4950	49.49
$ 33 1,2-Dichloroethane-d4	65	6.514	6.513	(0.918)	556531	46.8601	46.86
34 1,2-Dichloroethane-d4 2nd	102	6.533	6.513	(0.921)	109772	45.8136	45.81
* 38 Fluorobenzene	96	7.095	7.095	(1.000)	1237013	50.0000	
$ 47 Toluene-d8	98	9.913	9.922	(0.785)	1195835	45.2443	45.24
* 56 Chlorobenzene-d5	117	12.622	12.622	(1.000)	1141726	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.947	14.967	(0.866)	720500	44.6636	44.66
$ 67 4-Bromofluorobenzene	95	14.947	14.947	(0.866)	950216	44.1331	44.13
* 79 1,4-Dichlorobenzene-d4	152	17.262	17.262	(1.000)	810153	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12823.D
Lab Smp Id: DLC7N101 Client Smp ID: D12823
Inj Date : 07-OCT-2000 14:15
Operator : AD Inst ID: md.i
Smp Info : DLC7N101,,2,,0,1,0,8260BDA.M,D12823
Misc Info : E0I290371-4,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.095	2891834	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	484845	8.38299651	8.38	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC7N101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12823
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ a W	1.322	8.38	J

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12823.D

Date : 07-OCT-2000 14:15

Client ID: D12823

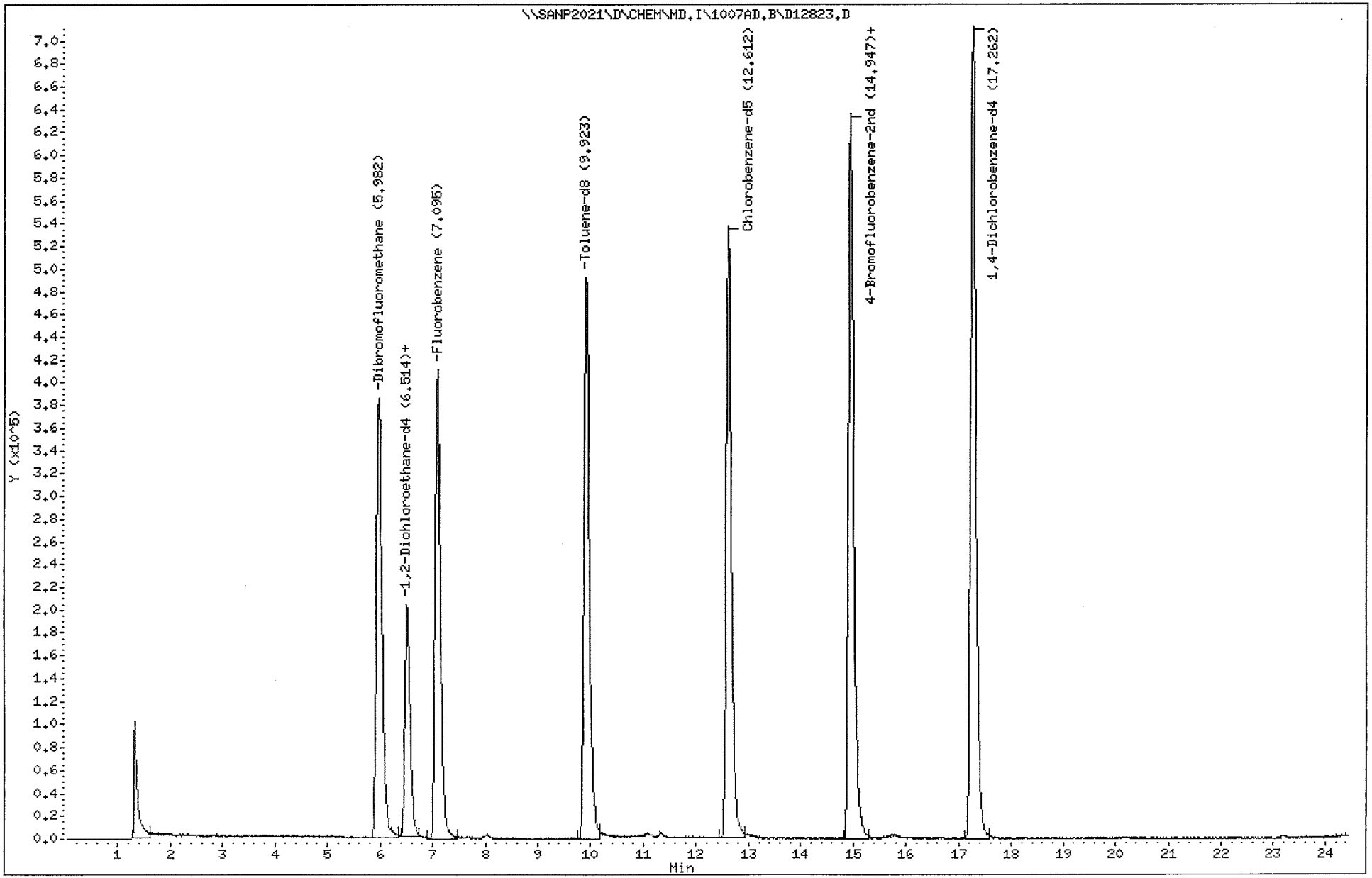
Sample Info: DLC7N101,,2,,0,1,0,8260BDA.M,D12823

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000571

BOE-C6-0158990

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12823.D

Date : 07-OCT-2000 14:15

Client ID: D12823

Instrument: md.i

Sample Info: DLC7N101,,2,,0,1,0,8260BDA.M,D12823

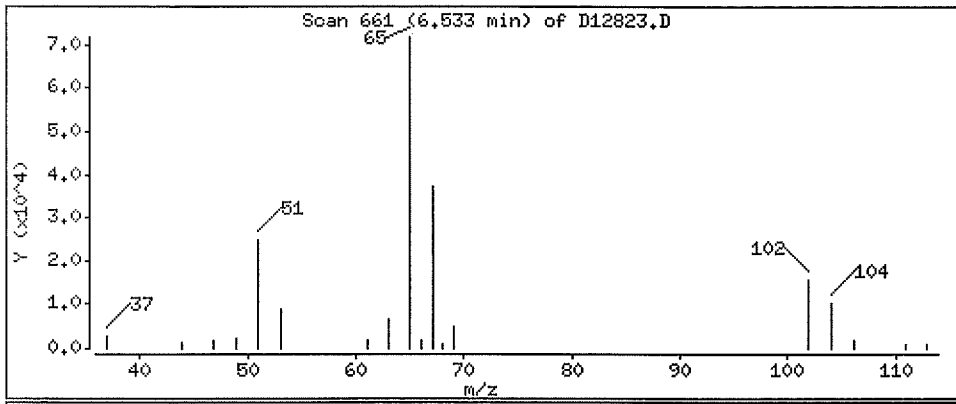
Operator: AD

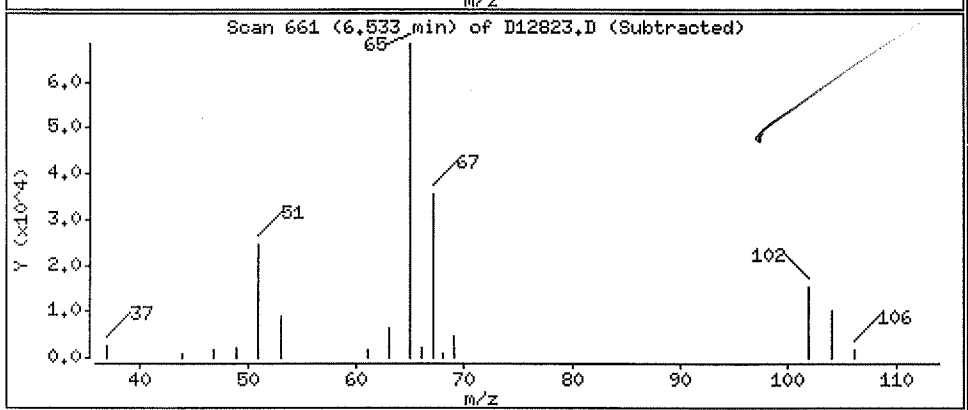
Column phase: J&W DB-624

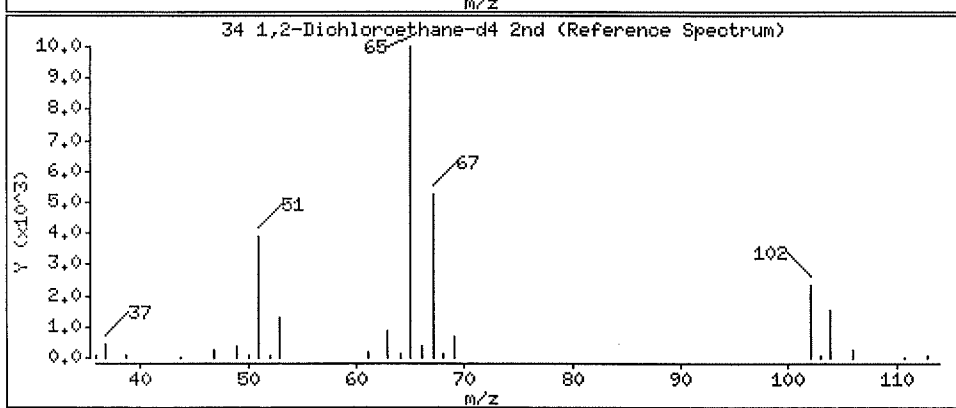
Column diameter: 0.53

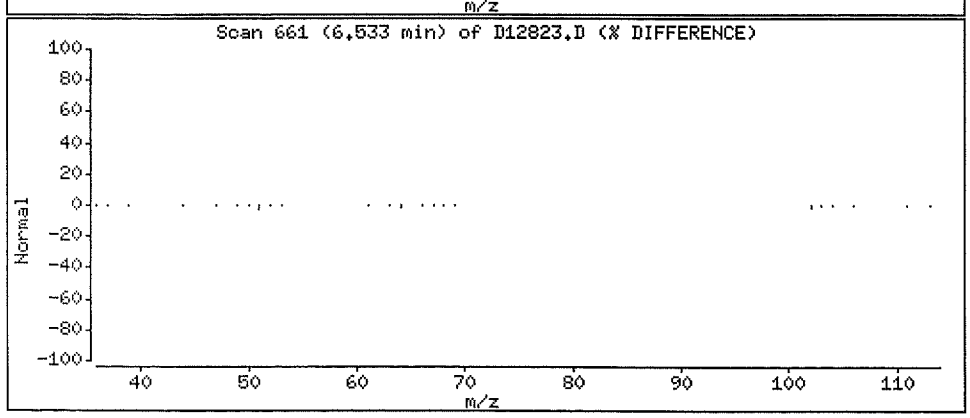
34 1,2-Dichloroethane-d4 2nd

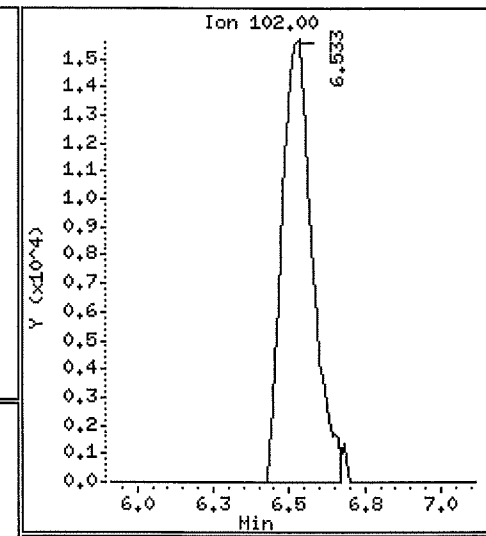
Concentration: 45.81 ug/Kg

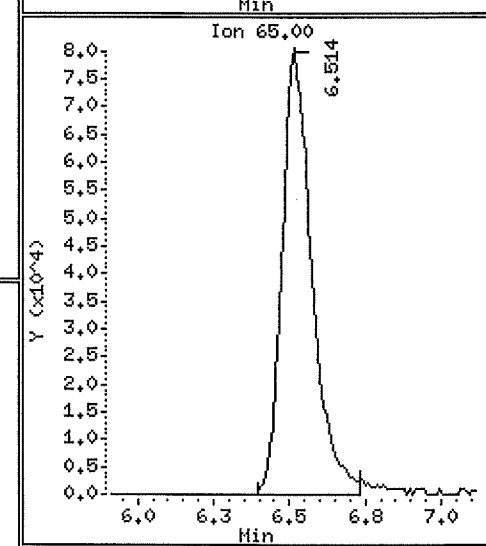












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12823.D

Date : 07-OCT-2000 14:15

Client ID: D12823

Instrument: md.i

Sample Info: DLC7N101,,2,,0,1,0,8260BDA,M,D12823

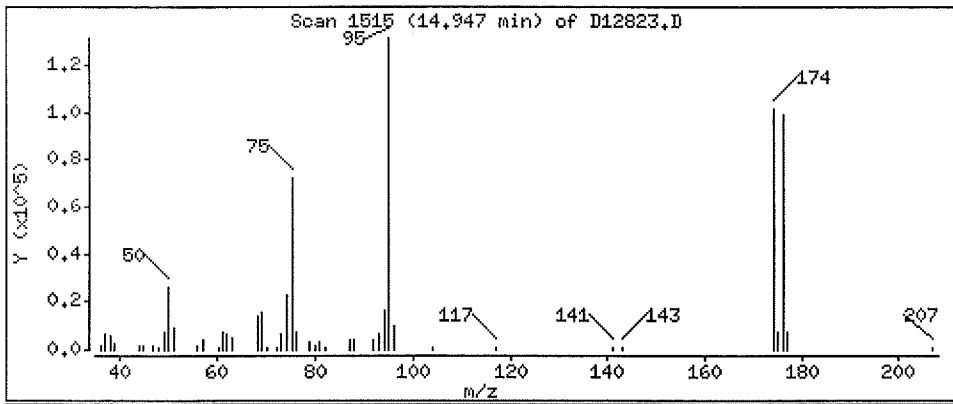
Operator: AD

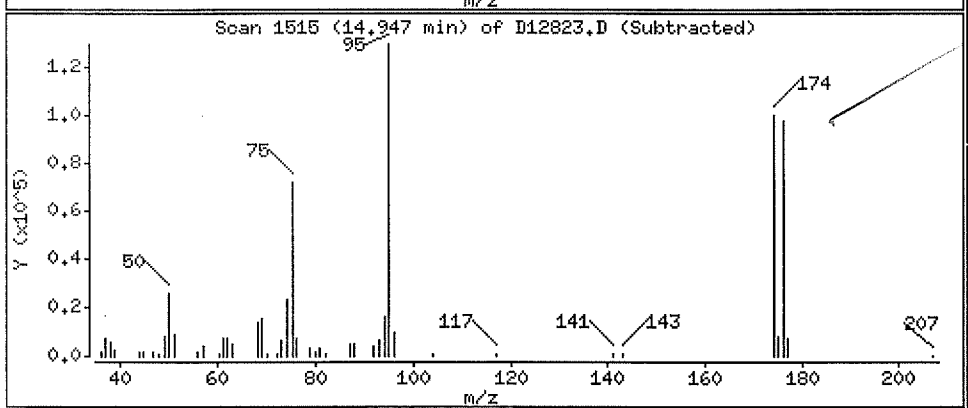
Column phase: J&W DB-624

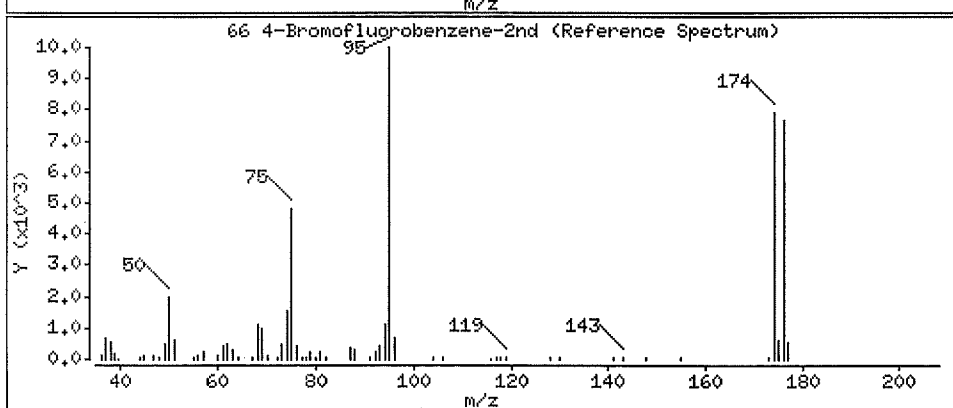
Column diameter: 0.53

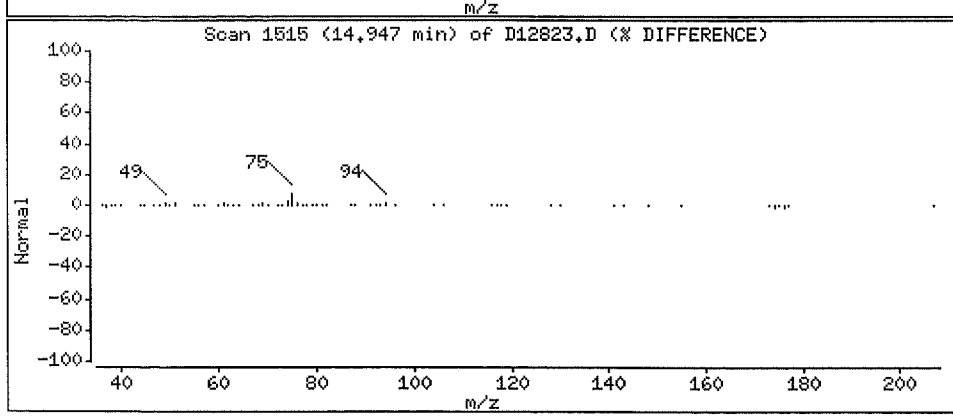
66 4-Bromofluorobenzene-2nd

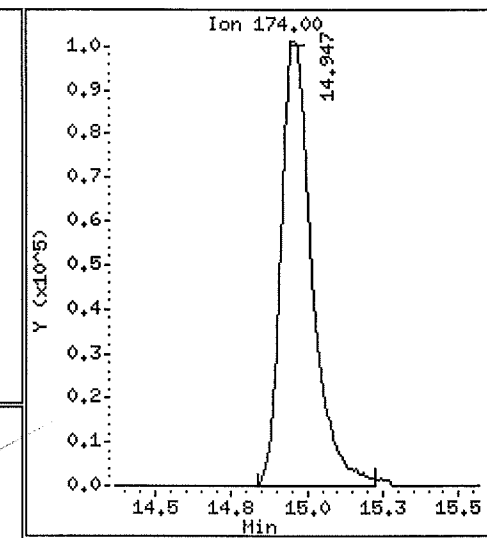
Concentration: 44.66 ug/Kg

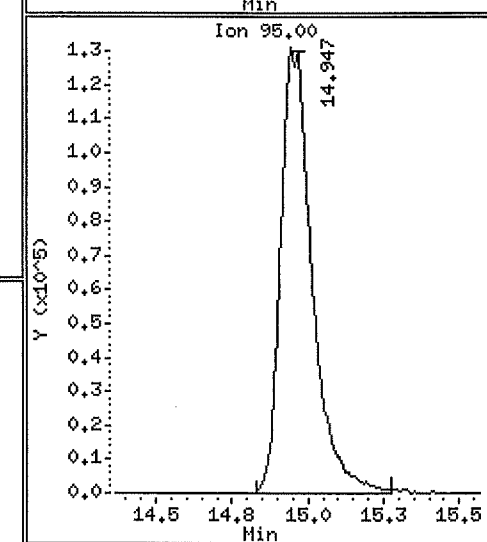


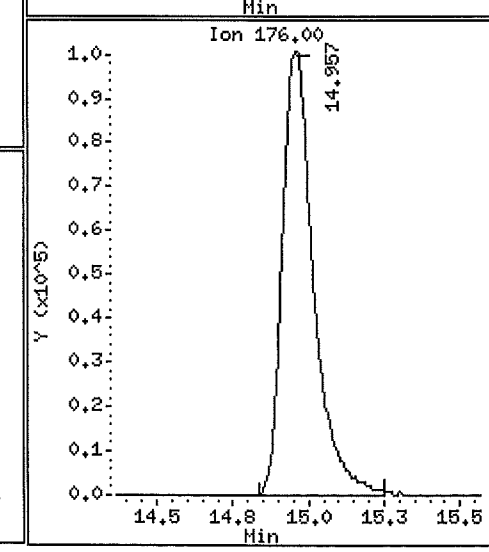












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12823.D

Date : 07-OCT-2000 14:15

Client ID: D12823

Instrument: md.i

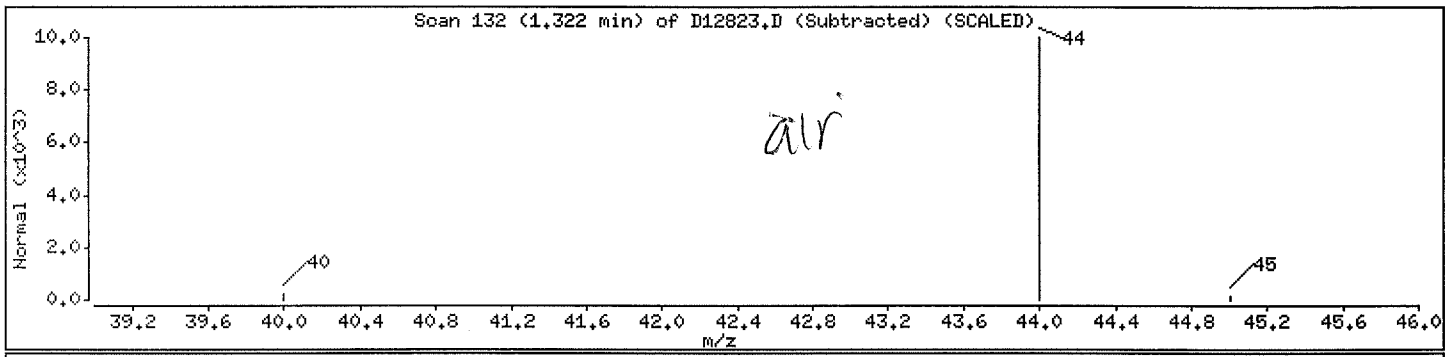
Sample Info: DLC7N101,,2,,0,1,0,8260BDA.M,D12823

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12826.D
Lab Smp Id: DLC7P101 Client Smp ID: D12826
Inj Date : 07-OCT-2000 15:50
Operator : AD Inst ID: md.i
Smp Info : DLC7P101,,2,,0,1,0,8260BDA.M,D12826
Misc Info : E0I290371-5,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.976	5.981	(0.842)	733943	49.1006	49.10	
$ 33 1,2-Dichloroethane-d4	65	6.518	6.513	(0.918)	476458	47.2233	47.22	
34 1,2-Dichloroethane-d4 2nd	102	6.508	6.513	(0.917)	94796	46.5704	46.57	
* 38 Fluorobenzene	96	7.100	7.095	(1.000)	1050890	50.0000		
$ 47 Toluene-d8	98	9.917	9.922	(0.786)	1002999	44.4712	44.47	
* 56 Chlorobenzene-d5	117	12.617	12.622	(1.000)	974263	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.967	(0.866)	610751	44.4868	44.49	
$ 67 4-Bromofluorobenzene	95	14.962	14.947	(0.866)	786993	42.9497	42.95	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.262	(1.000)	689476	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12826.D
Lab Smp Id: DLC7P101 Client Smp ID: D12826
Inj Date : 07-OCT-2000 15:50
Operator : AD Inst ID: md.i
Smp Info : DLC7P101,,2,,0,1,0,8260BDA.M,D12826
Misc Info : E0I290371-5,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	2432072	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	468420	9.63006271	9.63	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC7P101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12826
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.316	9.63	J

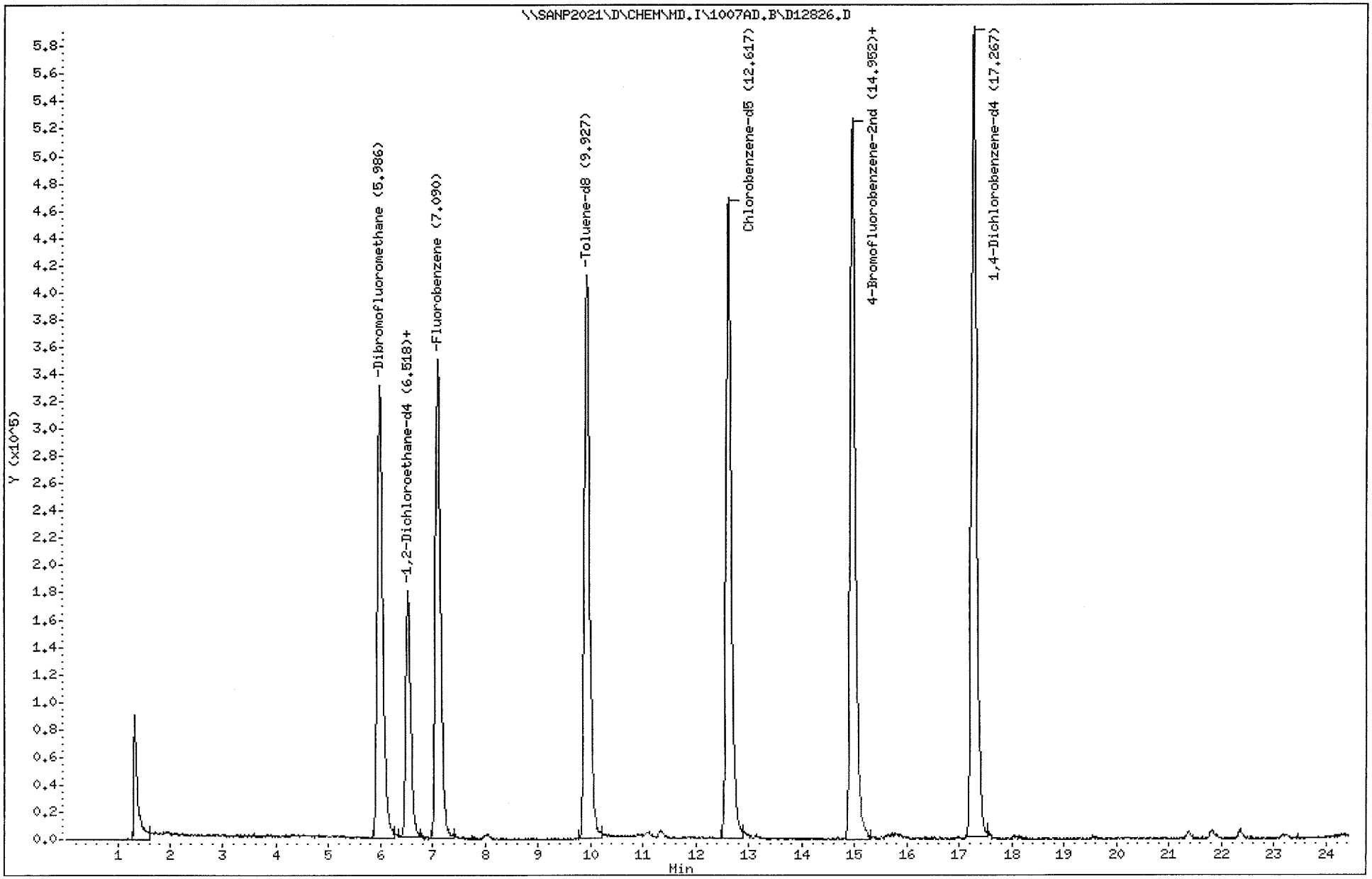
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12826.D
Date : 07-OCT-2000 15:50
Client ID: D12826
Sample Info: DLC7P101,,2,,0,1,0,8260BDA.M,D12826

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000578

BOE-C6-0158997

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12826.D

Date : 07-OCT-2000 15:50

Client ID: D12826

Instrument: md.i

Sample Info: DLC7P101,,2,,0,1,0,8260BDA.M,D12826

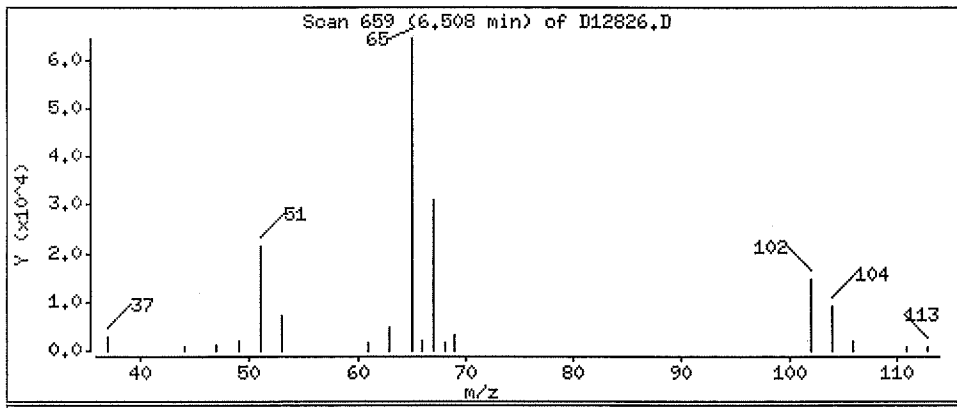
Operator: AD

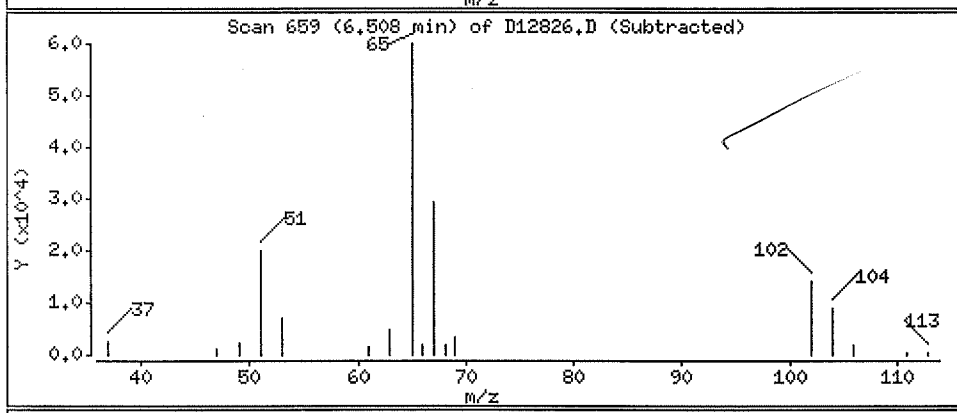
Column phase: J&W DB-624

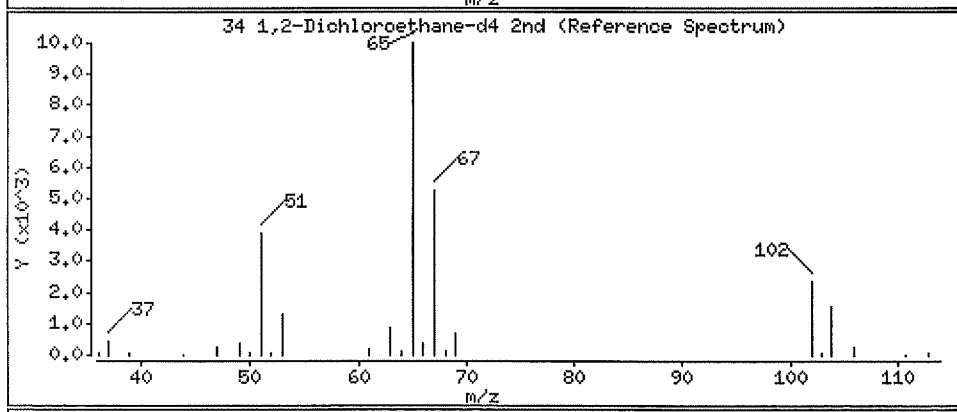
Column diameter: 0.53

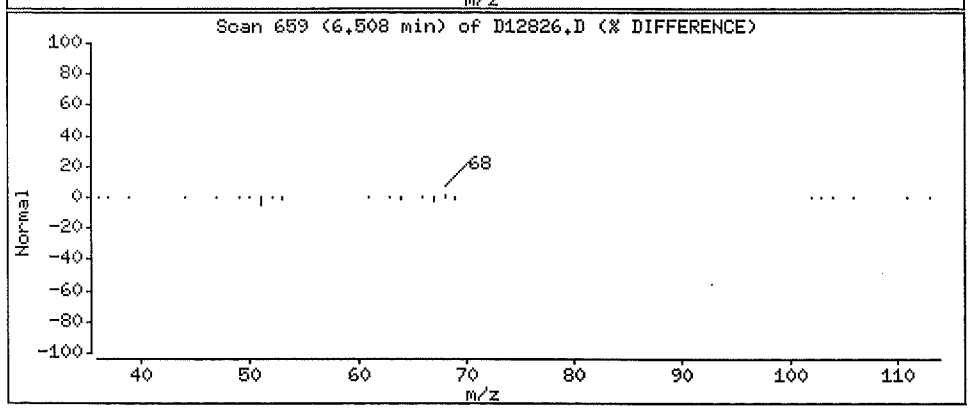
34 1,2-Dichloroethane-d4 2nd

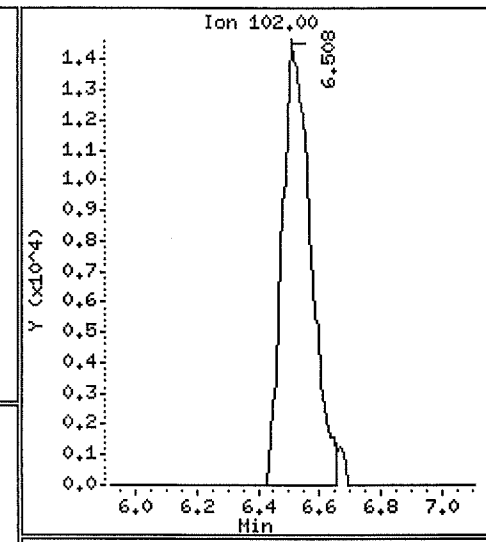
Concentration: 46.57 ug/Kg

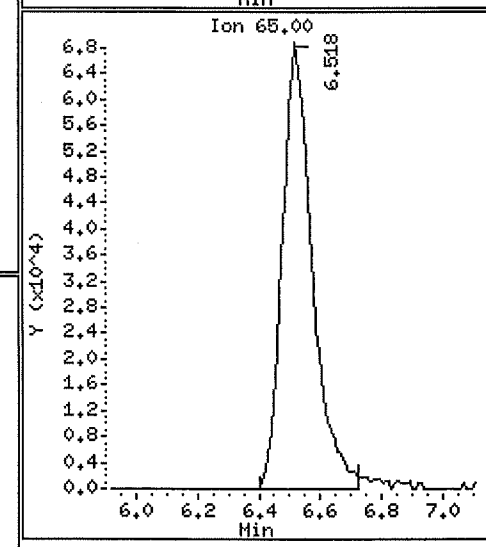












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12826.D

Date : 07-OCT-2000 15:50

Client ID: D12826

Instrument: md.i

Sample Info: DLC7P101,,2,,0,1,0,8260BDA.M,D12826

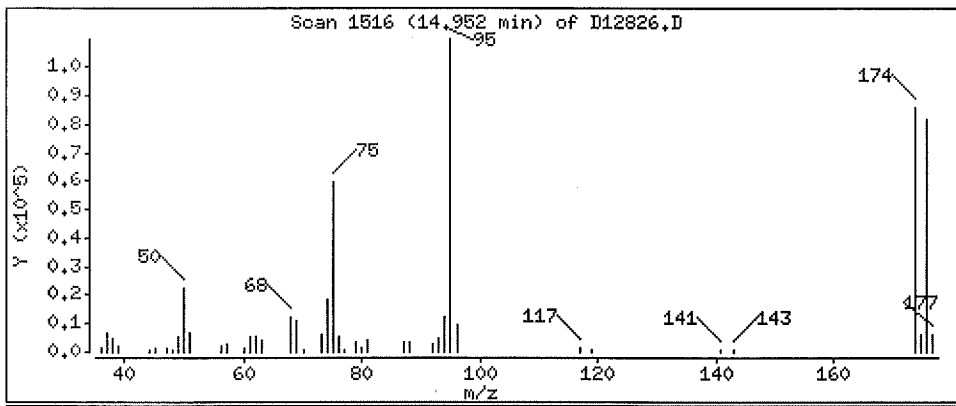
Operator: AD

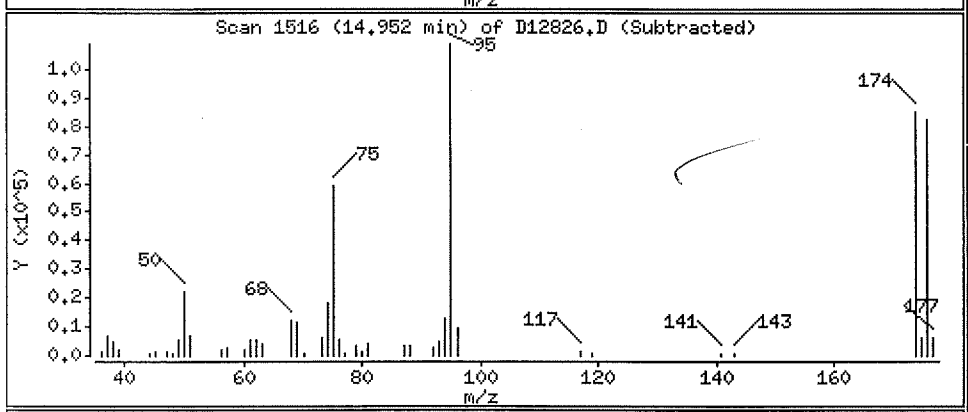
Column phase: J&W DB-624

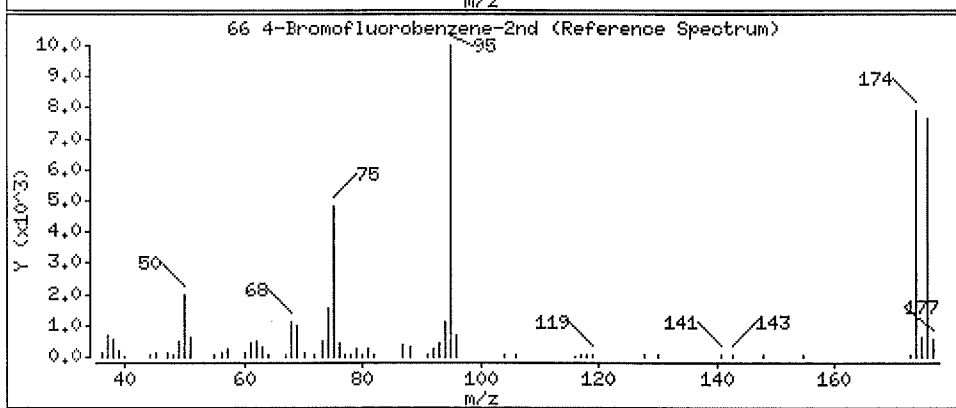
Column diameter: 0.53

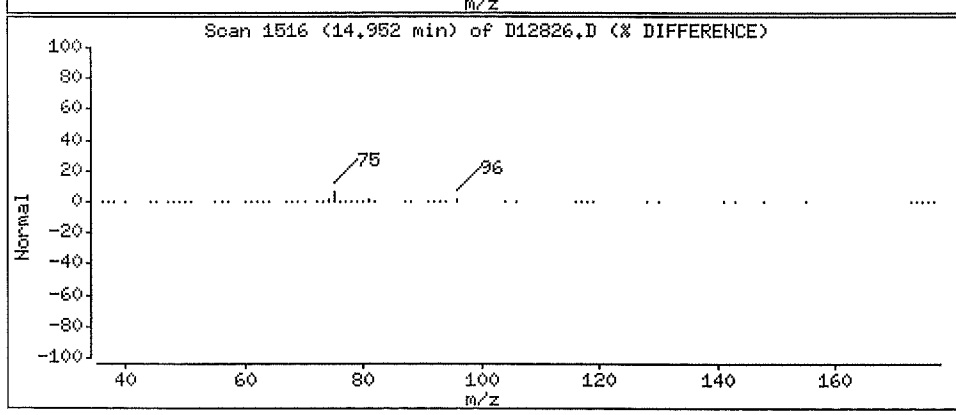
66 4-Bromofluorobenzene-2nd

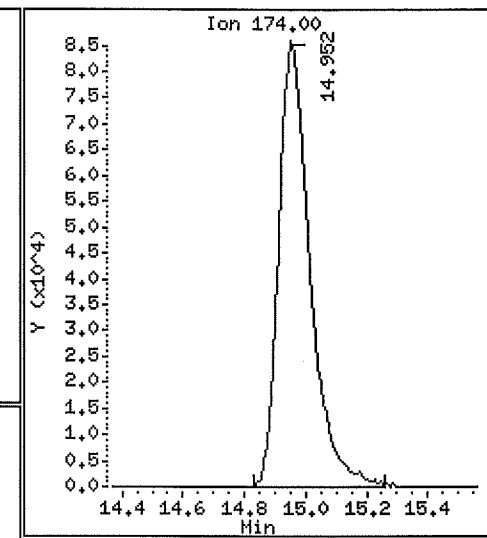
Concentration: 44.49 ug/Kg

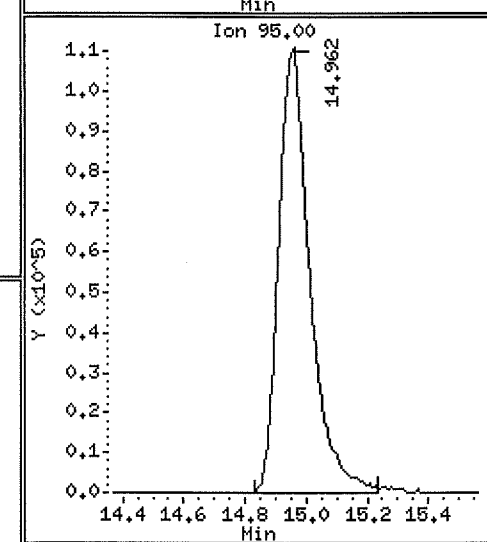


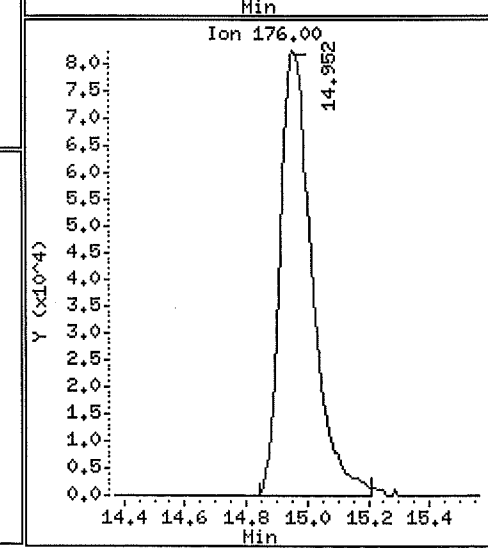












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12826.D

Date : 07-OCT-2000 15:50

Client ID: D12826

Instrument: md.i

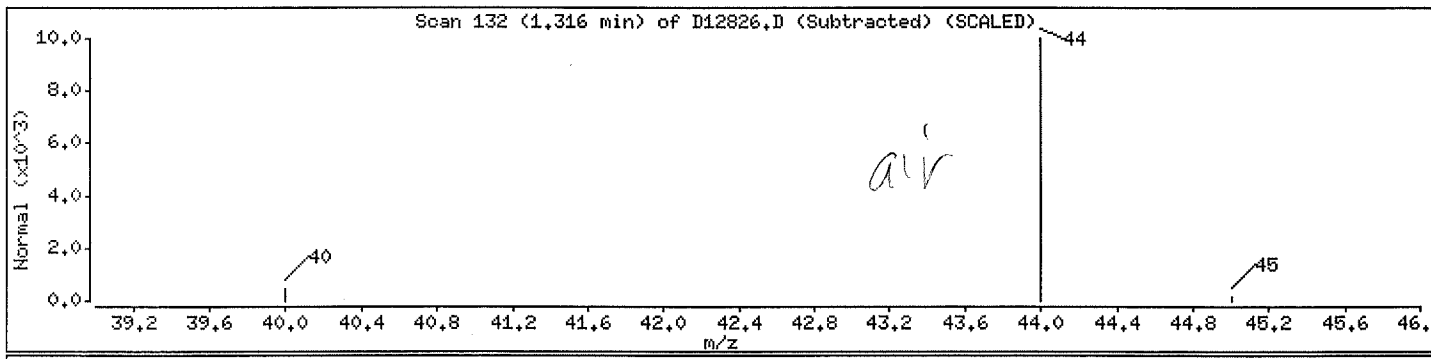
Sample Info: DLC7P101,,2,,0,1,0,8260BDA.M,D12826

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12827.D
Lab Smp Id: DLC7Q101 Client Smp ID: D12827
Inj Date : 07-OCT-2000 16:22
Operator : AD Inst ID: md.i
Smp Info : DLC7Q101,,2,,0,1,0,8260BDA.M,D12827
Misc Info : E0I290371-6,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.986	5.981	(0.844)	863107	49.6575	49.66	
$ 33 1,2-Dichloroethane-d4	65	6.528	6.513	(0.921)	557216	47.4953	47.50	
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.513	(0.919)	109984	46.4673	46.47	
* 38 Fluorobenzene	96	7.089	7.095	(1.000)	1221971	50.0000		
$ 47 Toluene-d8	98	9.927	9.922	(0.787)	1156844	44.4290	44.43	
* 56 Chlorobenzene-d5	117	12.617	12.622	(1.000)	1124769	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.961	14.967	(0.866)	721834	45.2022	45.20	
$ 67 4-Bromofluorobenzene	95	14.952	14.947	(0.866)	935506	43.8926	43.89	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.262	(1.000)	801981	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12827.D
Lab Smp Id: DLC7Q101 Client Smp ID: D12827
Inj Date : 07-OCT-2000 16:22
Operator : AD Inst ID: md.i
Smp Info : DLC7Q101,,2,,0,1,0,8260BDA.M,D12827
Misc Info : E0I290371-6,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.089	2827176	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	447229	7.90945567	7.91	0		0	38

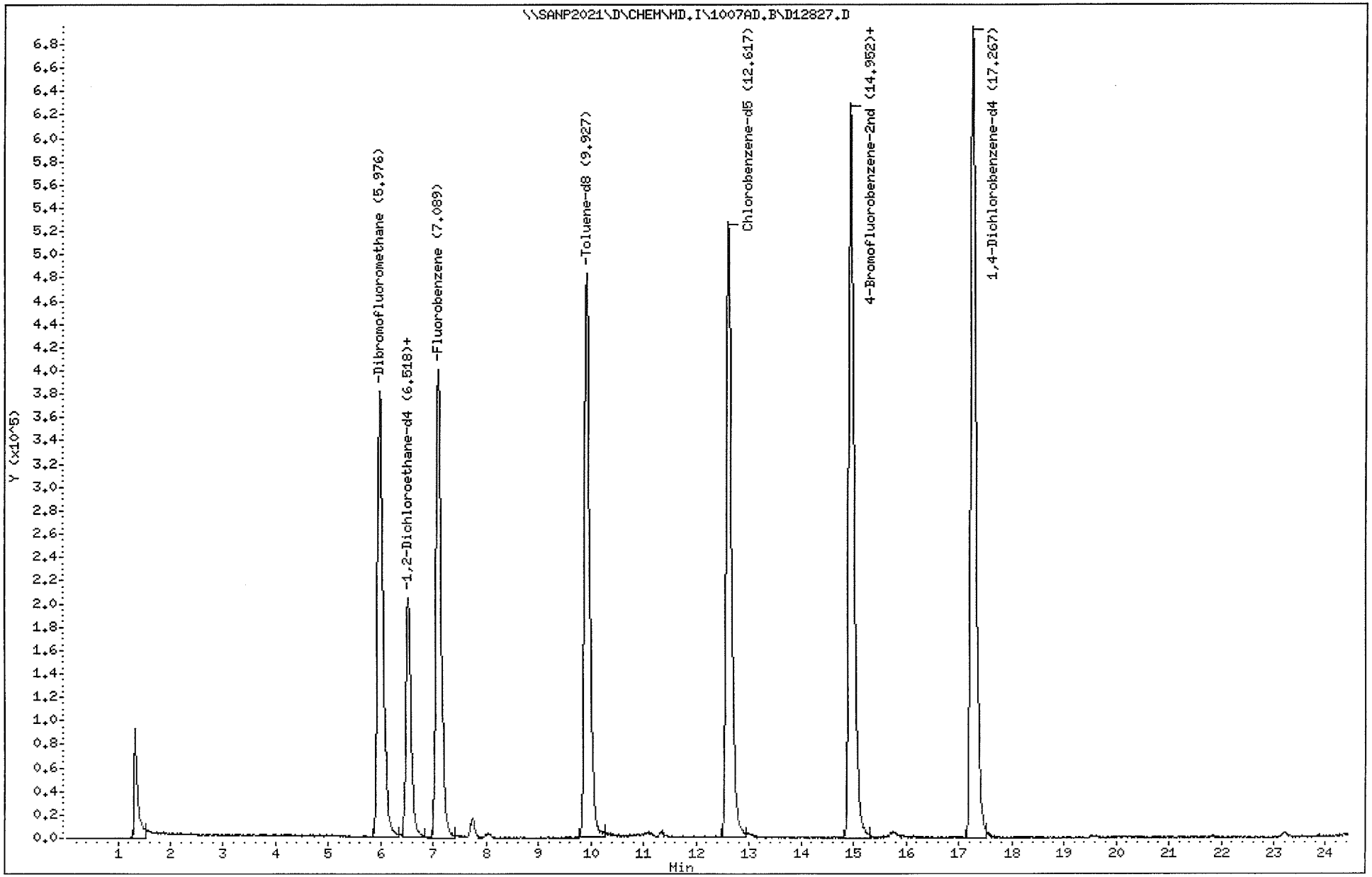
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12827.D
Date : 07-OCT-2000 16:22
Client ID: D12827
Sample Info: DLC7Q101,,2,,0,1,0,8260BDA.M,D12827

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000584

BOE-C6-0159003

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12827.D

Date : 07-OCT-2000 16:22

Client ID: D12827

Instrument: md.i

Sample Info: DLC7Q101,,2,,0,1,0,8260BDA.M,D12827

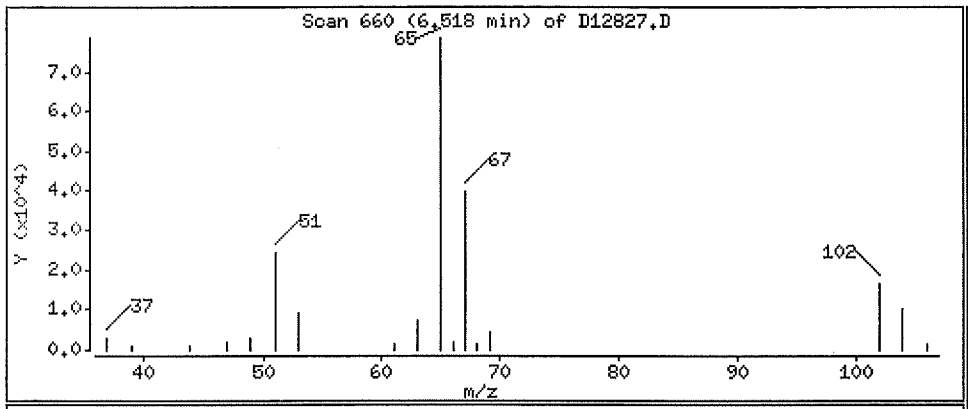
Operator: AD

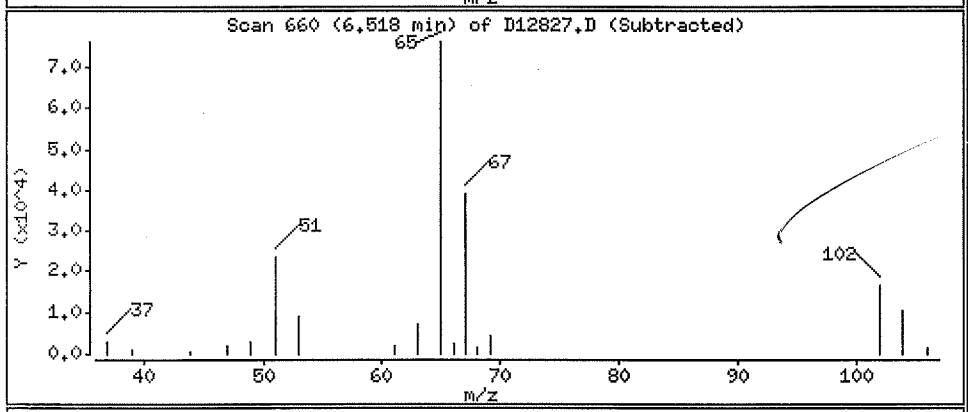
Column phase: J&W DB-624

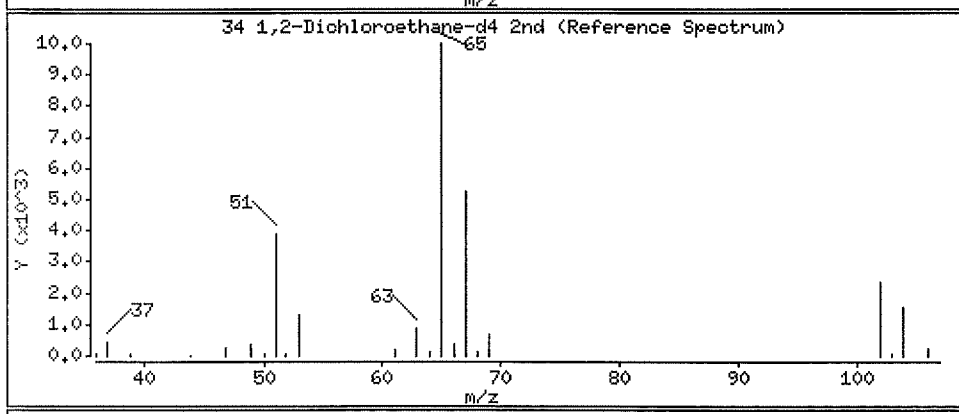
Column diameter: 0.53

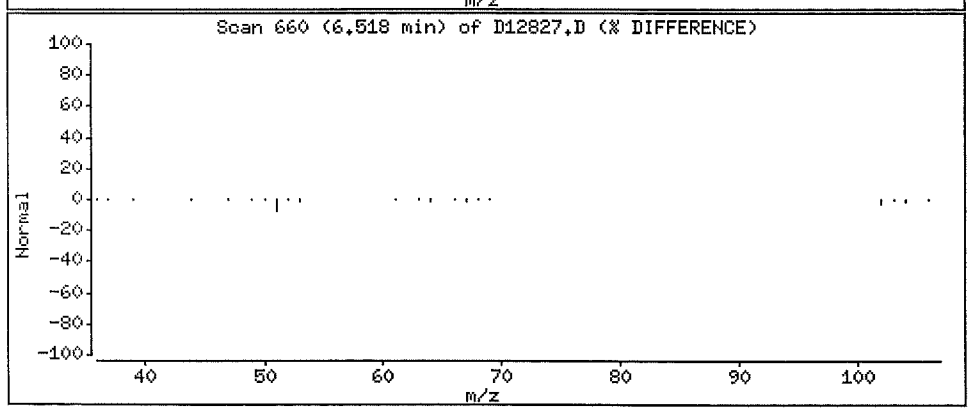
34 1,2-Dichloroethane-d4 2nd

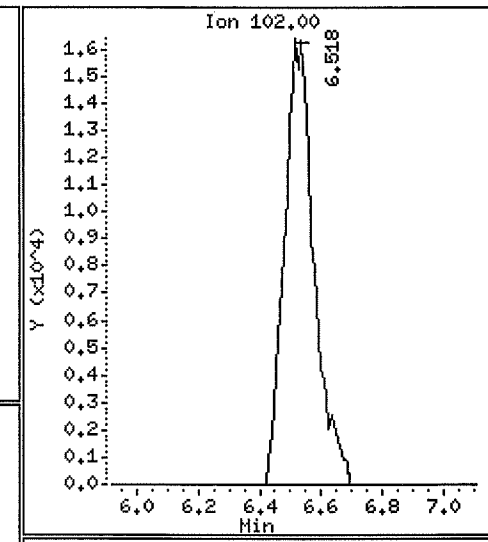
Concentration: 46.47 ug/Kg

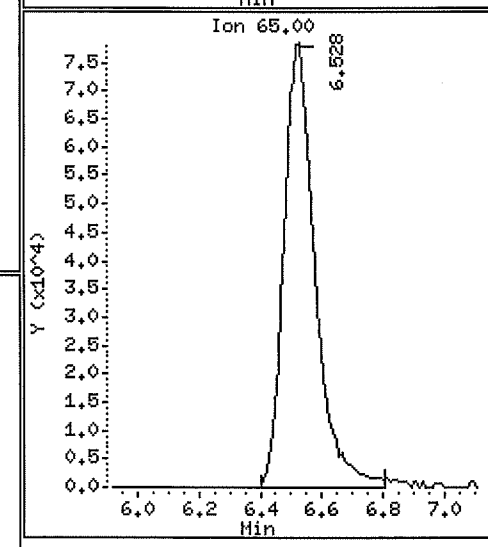












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12827.D

Date : 07-OCT-2000 16:22

Client ID: D12827

Instrument: md.i

Sample Info: DLC7Q101,,2,,0,1,0,8260BDA.M,D12827

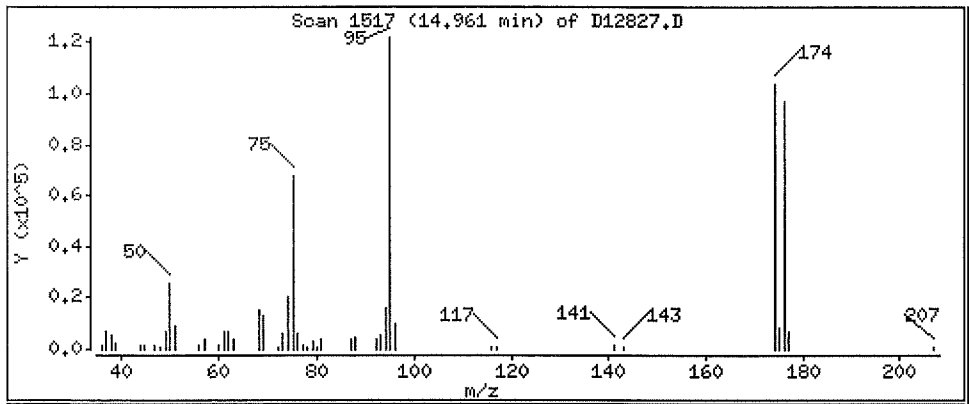
Operator: AD

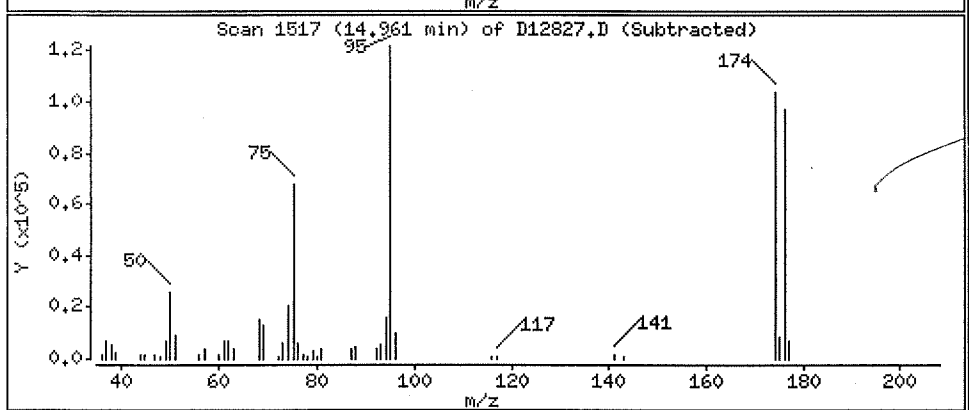
Column phase: J&W DB-624

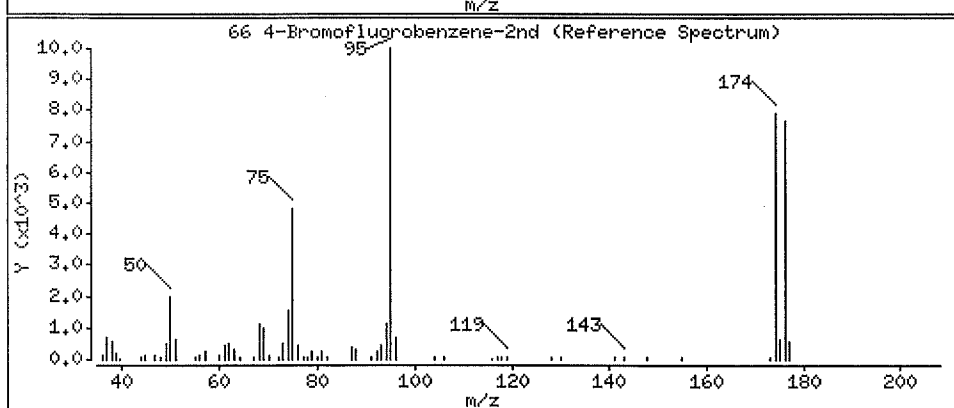
Column diameter: 0.53

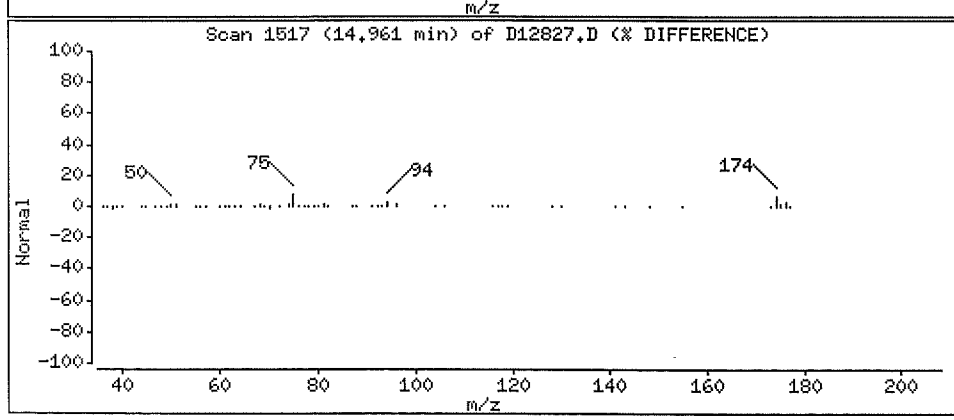
66 4-Bromofluorobenzene-2nd

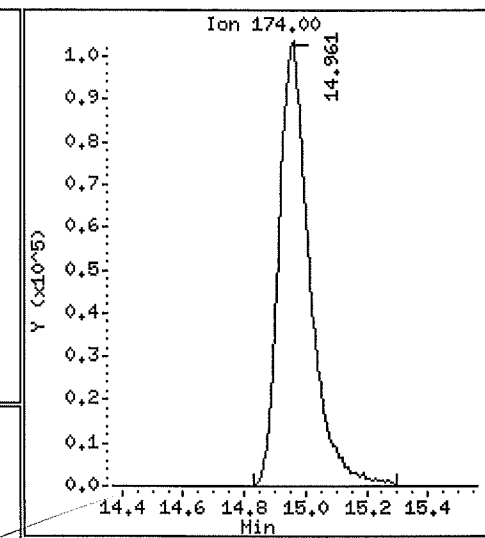
Concentration: 45.20 ug/Kg

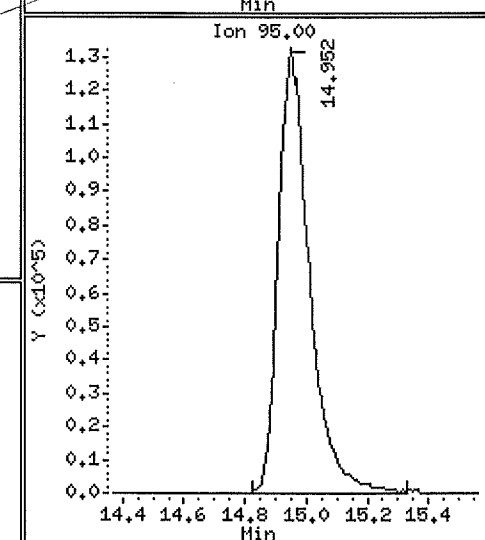


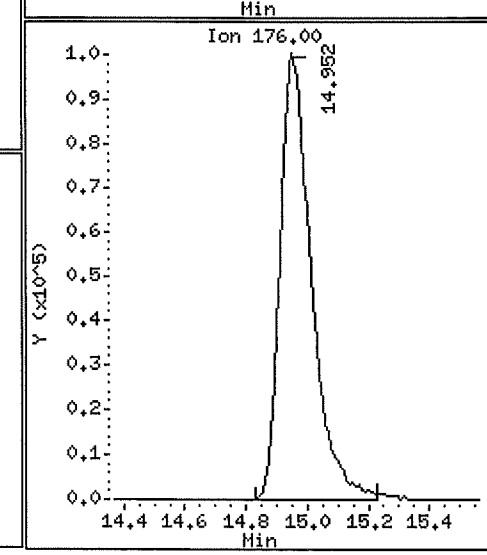












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12827.D

Date : 07-OCT-2000 16:22

Client ID: D12827

Instrument: md.i

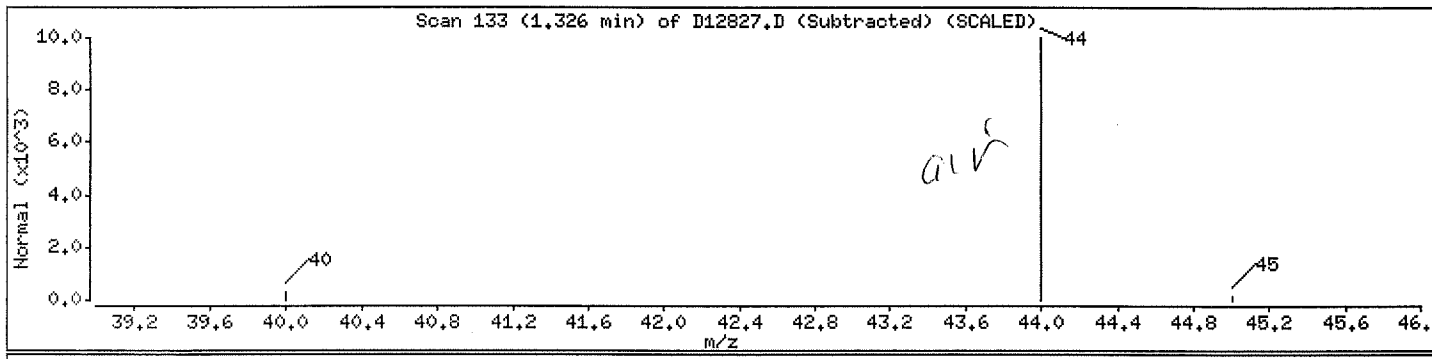
Sample Info: DLC7Q101,,2,,0,1,0,8260BDA.M,D12827

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12828.D
Lab Smp Id: DLC7R101 Client Smp ID: D12828
Inj Date : 07-OCT-2000 16:53
Operator : AD Inst ID: md.i
Smp Info : DLC7R101,,2,,0,1,0,8260BDA.M,D12828
Misc Info : E0I290371-7,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.982	5.981	(0.843)	867087	49.7450	49.74
$ 33 1,2-Dichloroethane-d4	65	6.524	6.513	(0.919)	568263	48.2995	48.30
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.513	(0.919)	108850	45.8579	45.86
* 38 Fluorobenzene	96	7.095	7.095	(1.000)	1225448	50.0000	
39 Trichloroethene	130	7.736	7.745	(1.090)	33101	2.89006	2.89(a)
$ 47 Toluene-d8	98	9.923	9.922	(0.787)	1160837	44.4555	44.46
* 56 Chlorobenzene-d5	117	12.613	12.622	(1.000)	1127979	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.948	14.967	(0.866)	718329	44.4903	44.49
$ 67 4-Bromofluorobenzene	95	14.958	14.947	(0.866)	936932	43.4783	43.48
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.262	(1.000)	810856	50.0000	(Q)
87 Napthalene	128	21.844	21.853	(1.265)	2456351	81.3623	81.36

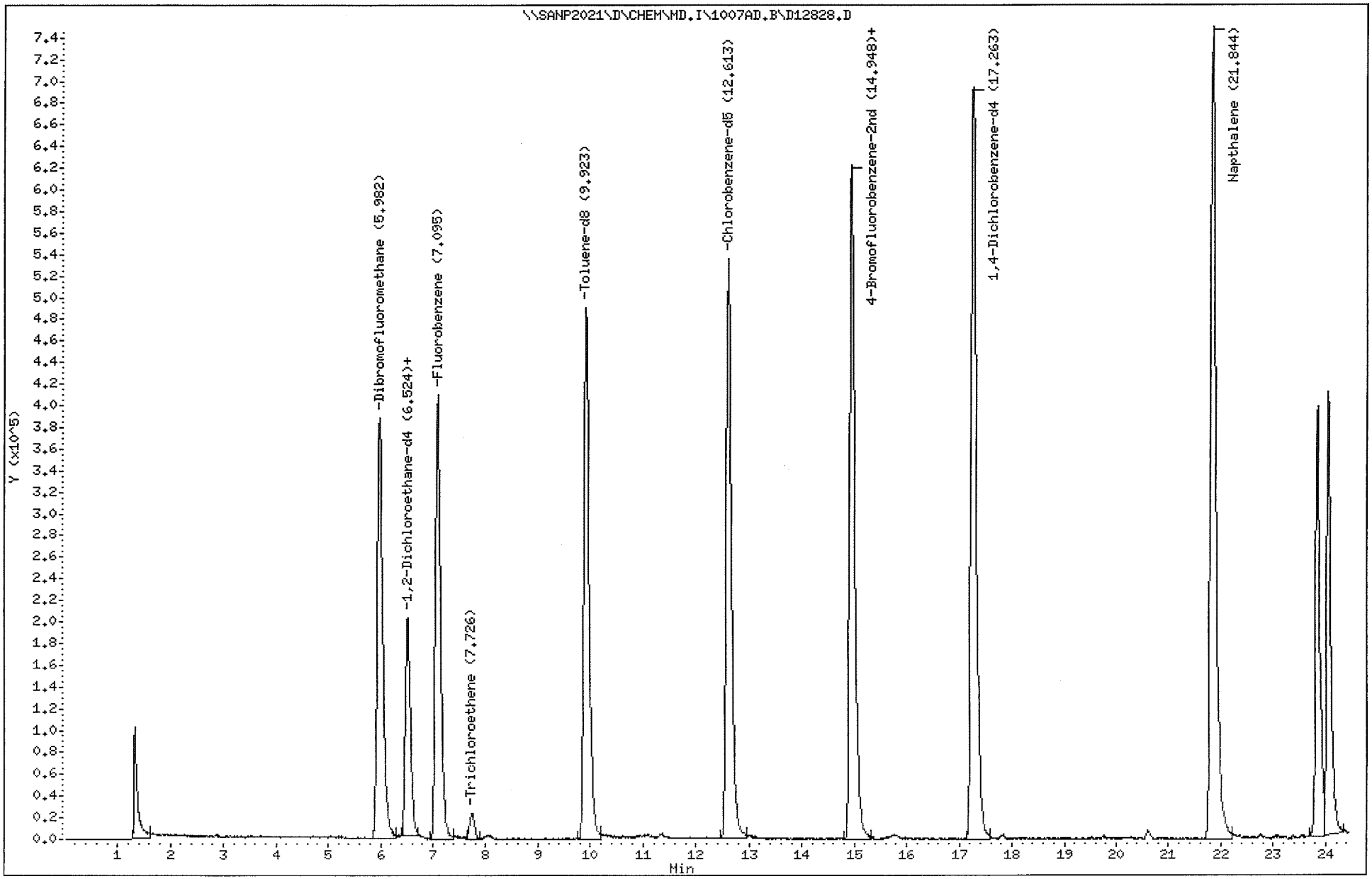
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12828.D
Date : 07-OCT-2000 16:53
Client ID: D12828
Sample Info: DLC7R101,,2,,0,1,0,8260BDA.M,D12828

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000589

BOE-C6-0159008

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1007AD.B\D12828.D
Lab Smp Id: DLC7R101 Client Smp ID: D12828
Inj Date : 07-OCT-2000 16:53
Operator : AD Inst ID: md.i
Smp Info : DLC7R101,,2,,0,1,0,8260BDA.M,D12828
Misc Info : E0I290371-7,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	17.263	4852219	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Methylnaphthalene isomer				CAS #:			
23.834	2210076	22.7739000	22.77	0		0	79
Methylnaphthalene isomer				CAS #:			
24.041	2306844	23.7710000	23.77	0		0	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC7R101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12828
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Methylnaphthalene isomer	23.834	22.77	J
2.	Methylnaphthalene isomer	24.041	23.77	J

Data File: \\SANP2021\D\chem\md.i\1007AD.B\D12828.D

Date : 07-OCT-2000 16:53

Client ID: D12828

Instrument: md.i

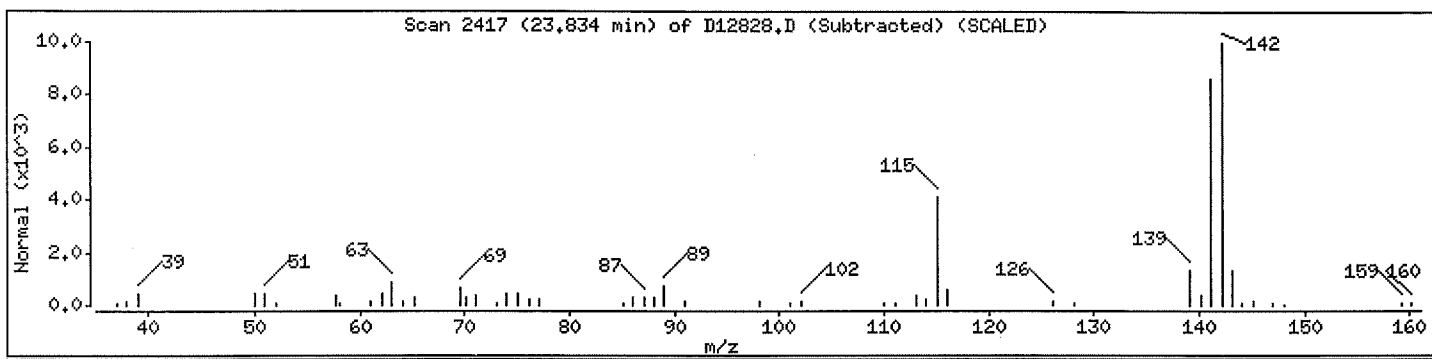
Sample Info: DLC7R101,,2,,0,1,0,8260BDA.M,D12828

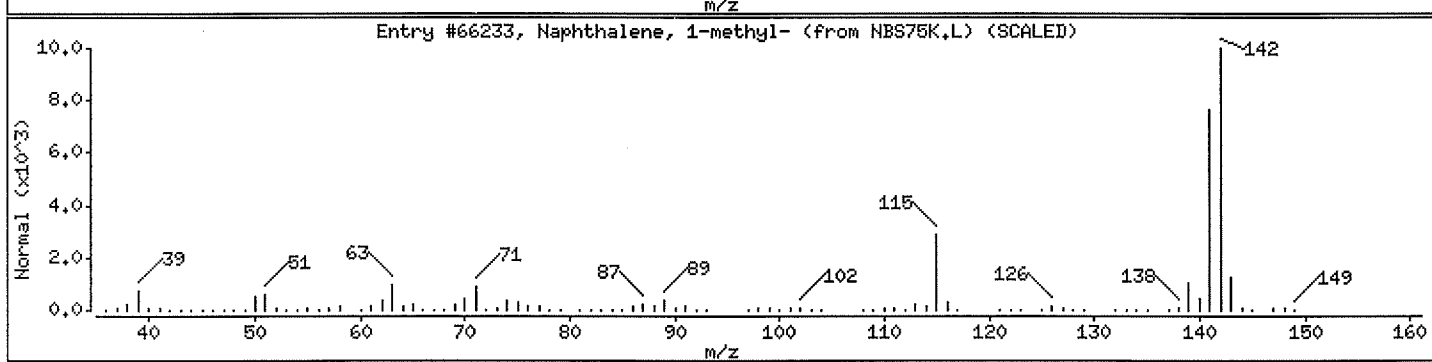
Operator: AD

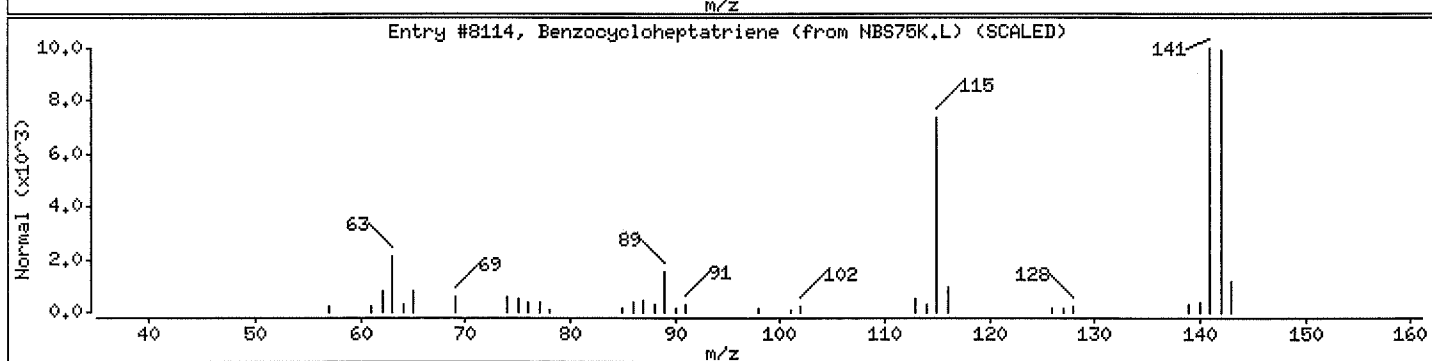
Column phase: J&W DB-624

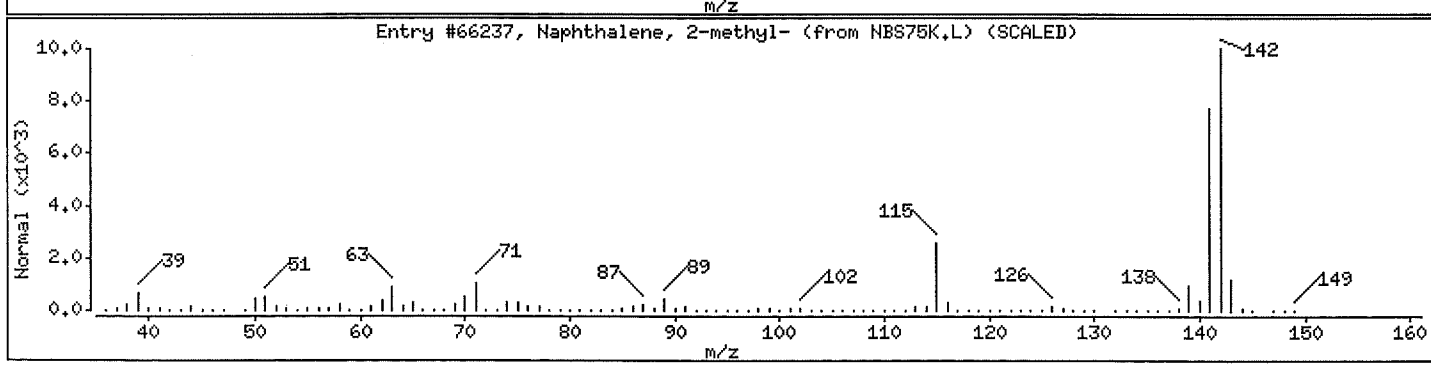
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylnaphthalene isomer						
Naphthalene, 1-methyl-	90-12-0	NBS75K.L	66233	95	C11H10	142
Benzocycloheptatriene	264-09-5	NBS75K.L	8114	95	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NBS75K.L	66237	93	C11H10	142









Data File: \\SANP2021\D\chem\md.i\1007AD.B\D12828.D

Date : 07-OCT-2000 16:53

Client ID: D12828

Instrument: md.i

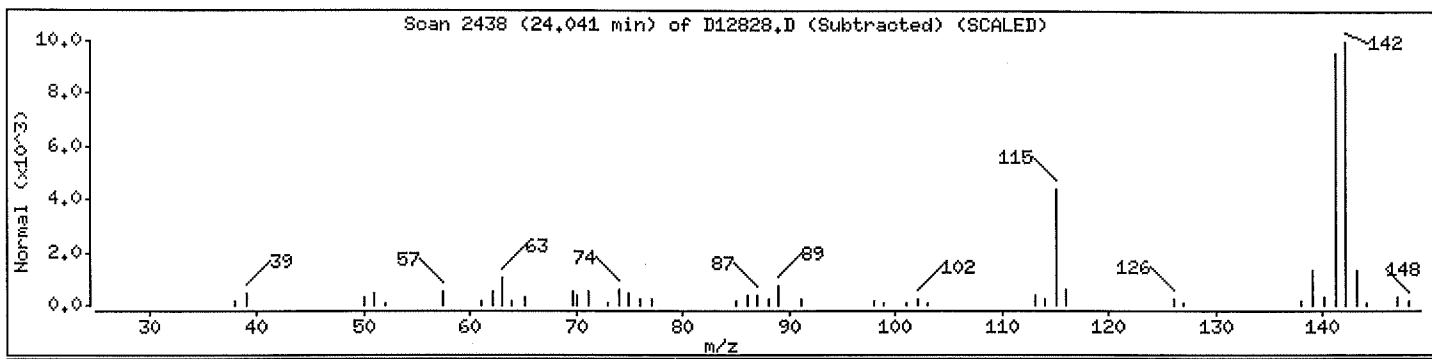
Sample Info: DLC7R101,,2,,0,1,0,8260BDA,M,D12828

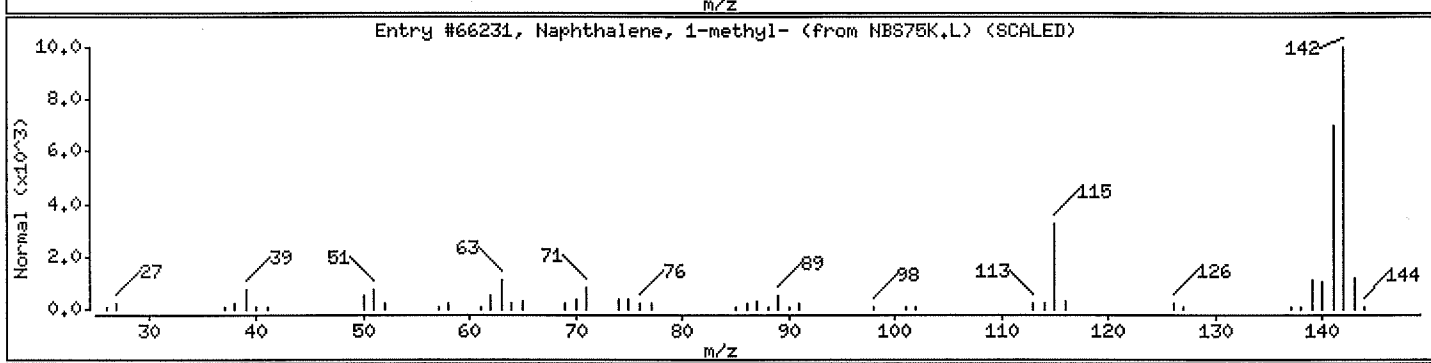
Operator: AD

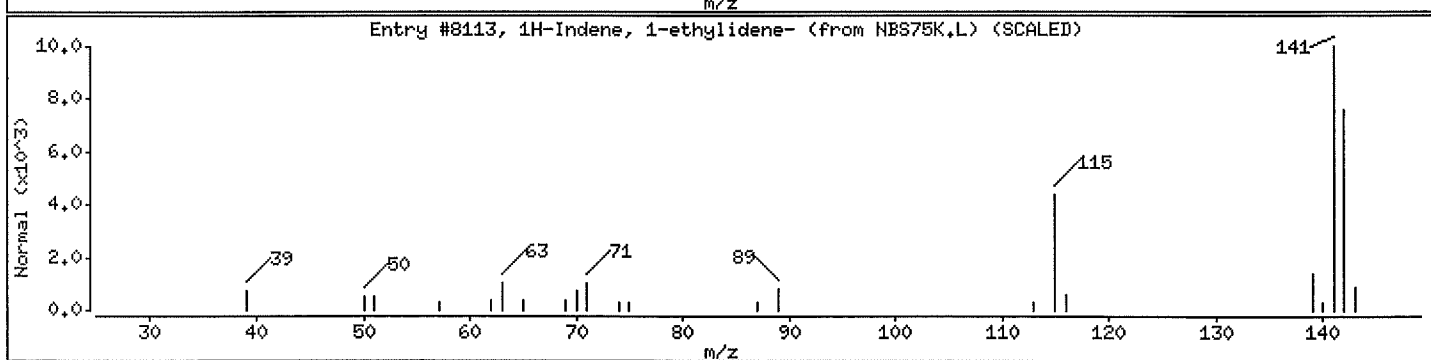
Column phase: J&W DB-624

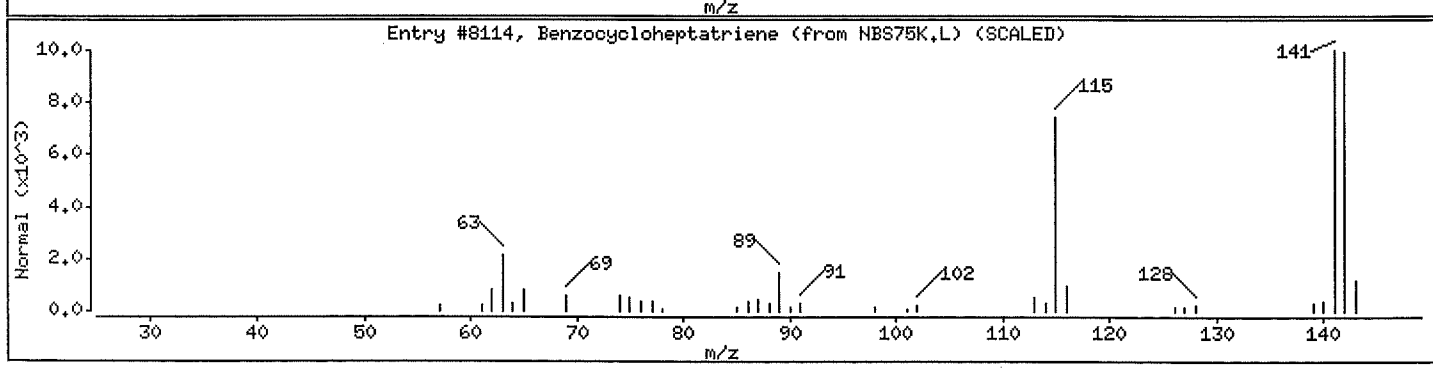
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methylnaphthalene isomer						
Naphthalene, 1-methyl-	90-12-0	NBS75K.L	66231	94	C11H10	142
1H-Indene, 1-ethylidene-	2471-83-2	NBS75K.L	8113	94	C11H10	142
Benzocycloheptatriene	264-09-5	NBS75K.L	8114	94	C11H10	142









Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12828.D

Date : 07-OCT-2000 16:53

Client ID: D12828

Instrument: md.i

Sample Info: DLC7R101,,2,,0,1,0,8260BDA.M,D12828

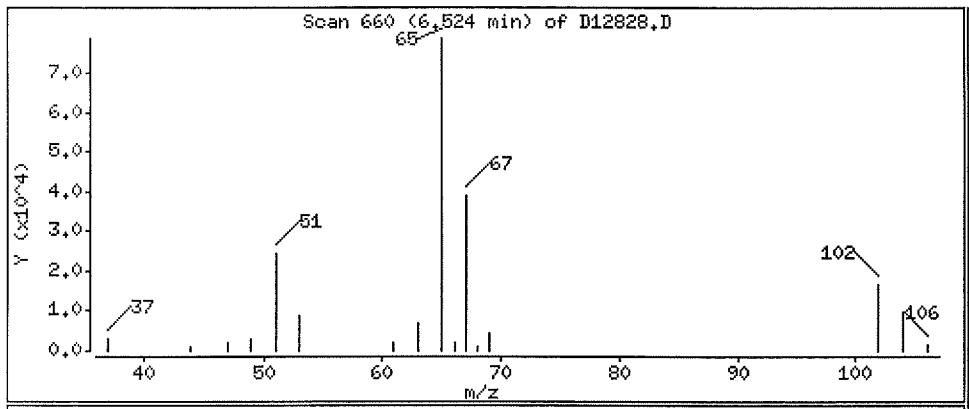
Operator: AD

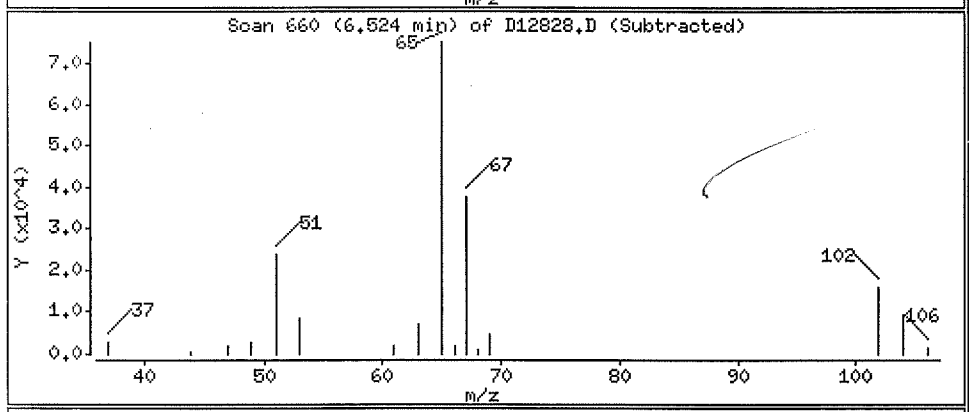
Column phase: J&W DB-624

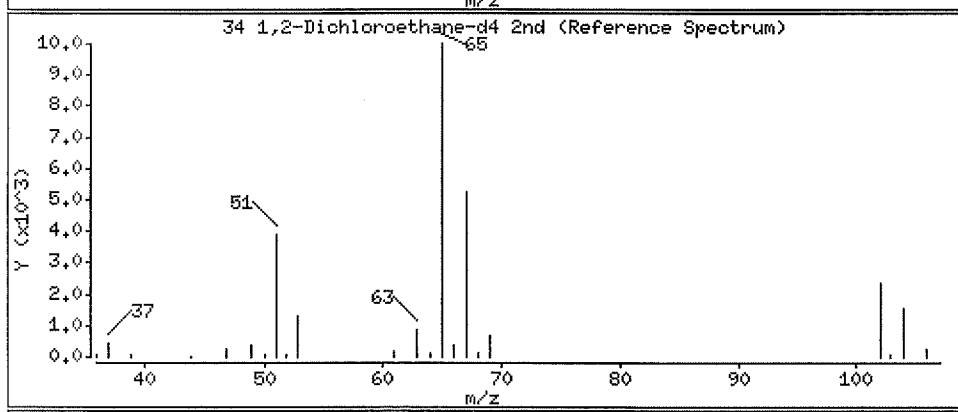
Column diameter: 0.53

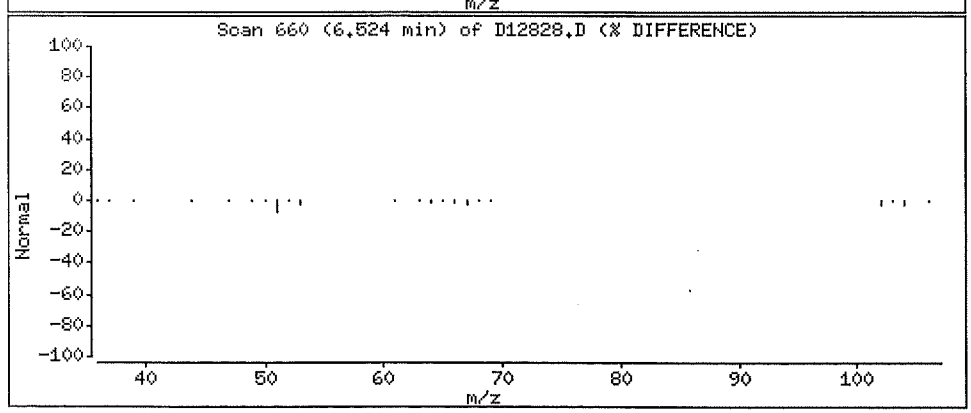
34 1,2-Dichloroethane-d4 2nd

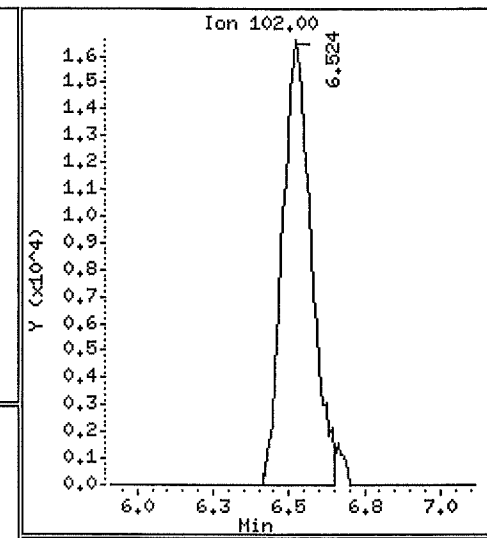
Concentration: 45.86 ug/Kg

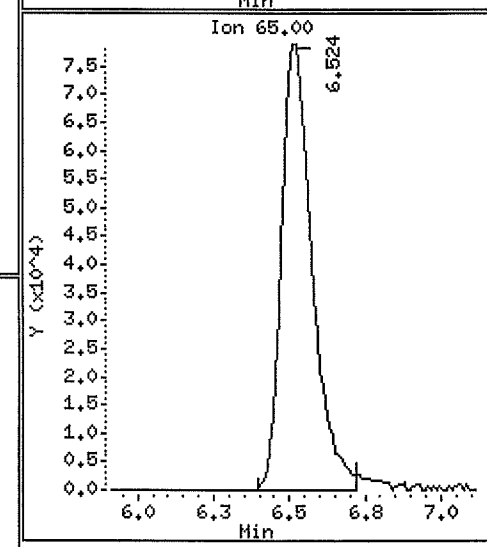












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12828.D

Date : 07-OCT-2000 16:53

Client ID: D12828

Instrument: md.i

Sample Info: DLC7R101,,2,,0,1,0,8260BDA.M,D12828

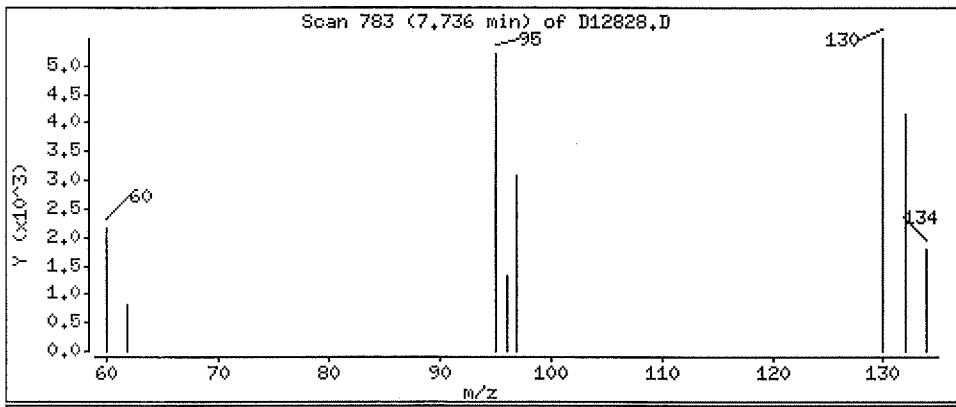
Operator: AD

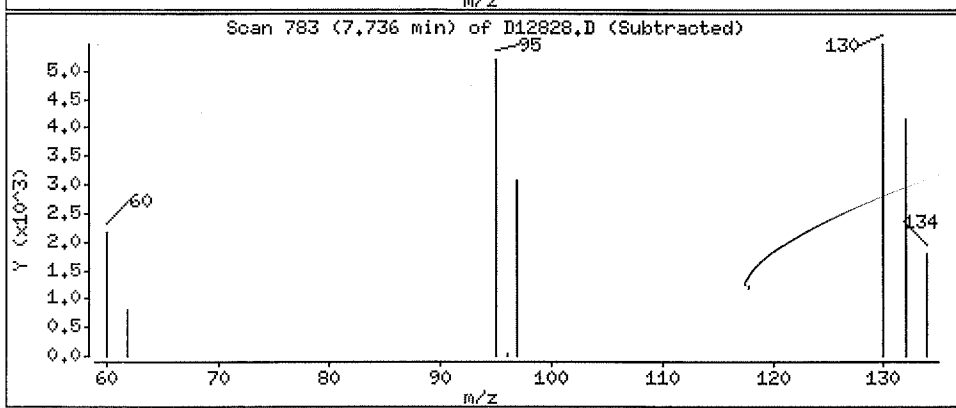
Column phase: J&W DB-624

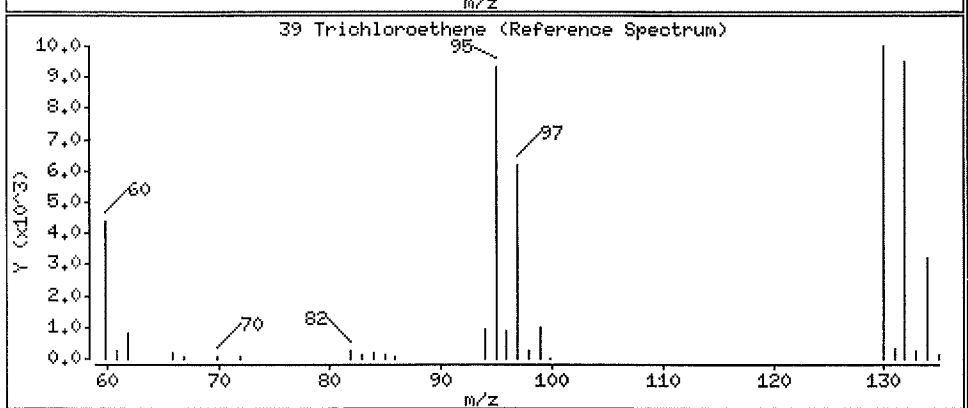
Column diameter: 0.53

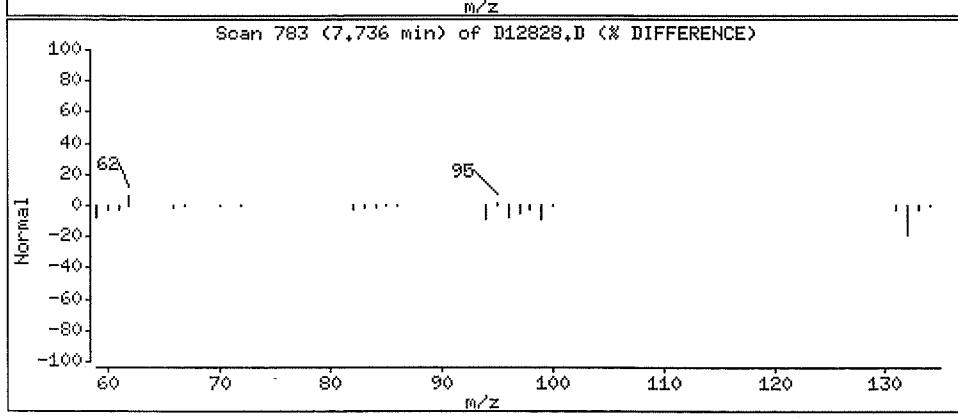
39 Trichloroethene

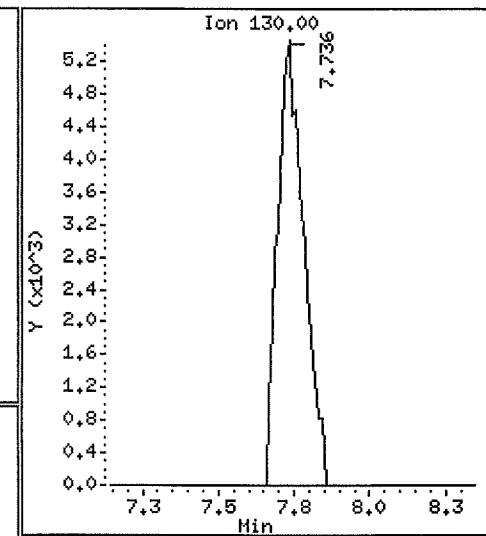
Concentration: 2.89 ug/Kg

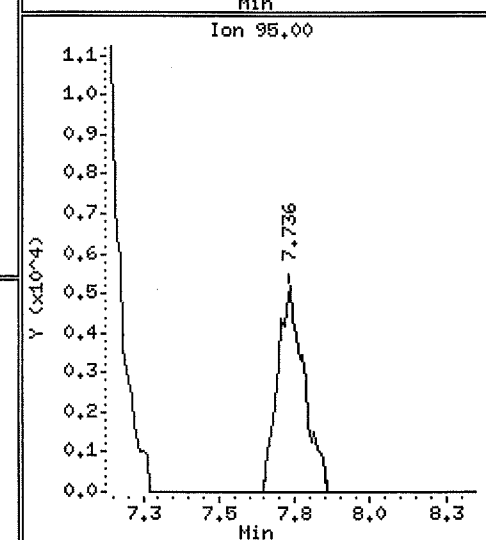


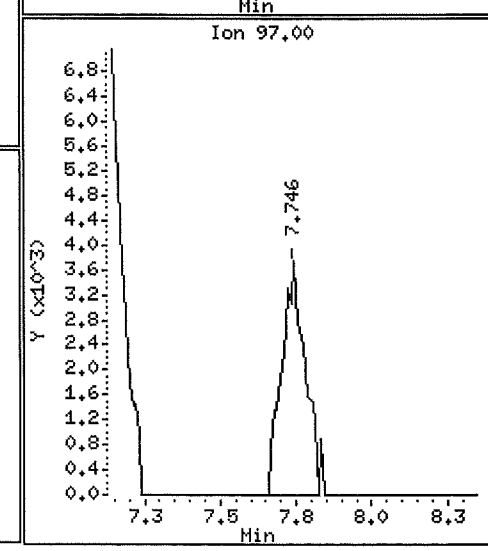












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12828.D

Date : 07-OCT-2000 16:53

Client ID: D12828

Instrument: md.i

Sample Info: DLC7R101,,2,,0,1,0,8260BDA.M,D12828

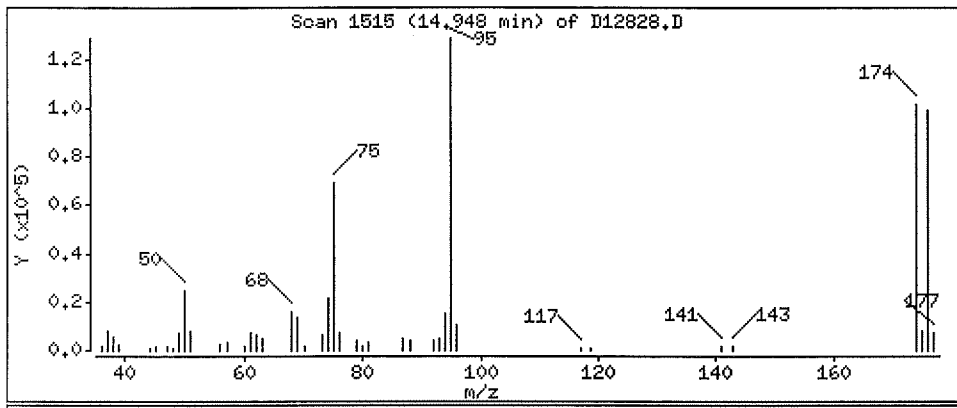
Operator: AD

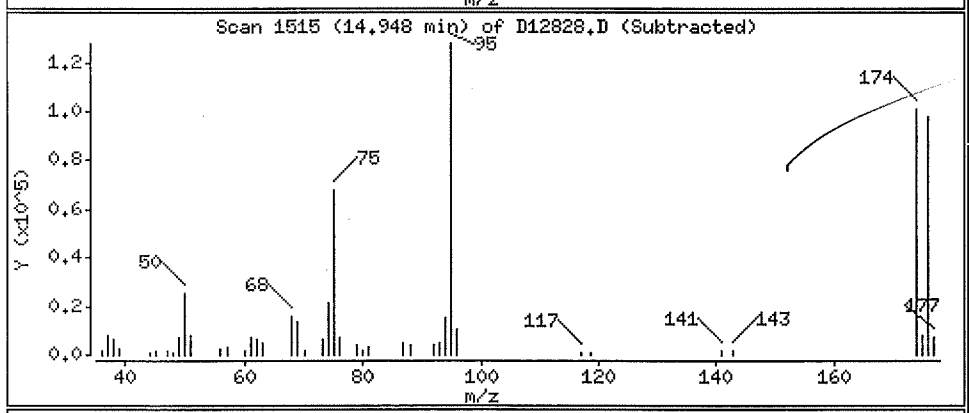
Column phase: J&W DB-624

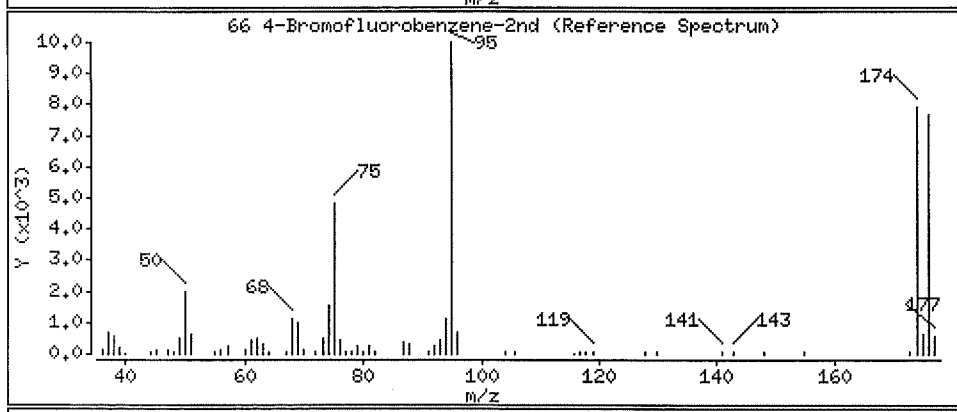
Column diameter: 0.53

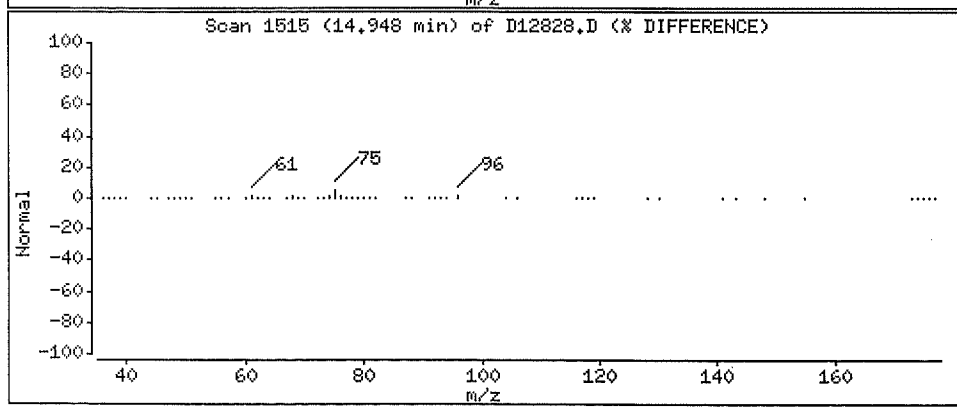
66 4-Bromofluorobenzene-2nd

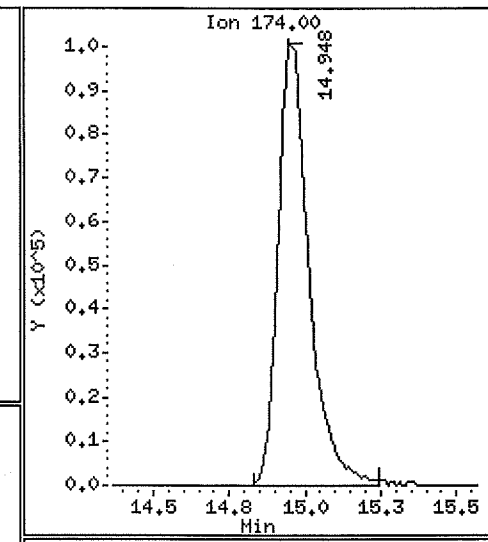
Concentration: 44.49 ug/Kg

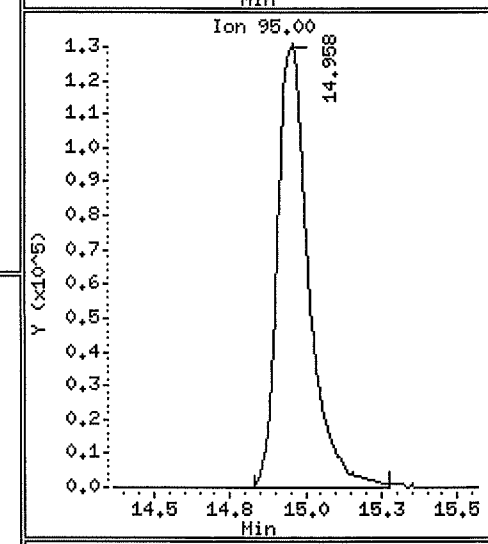


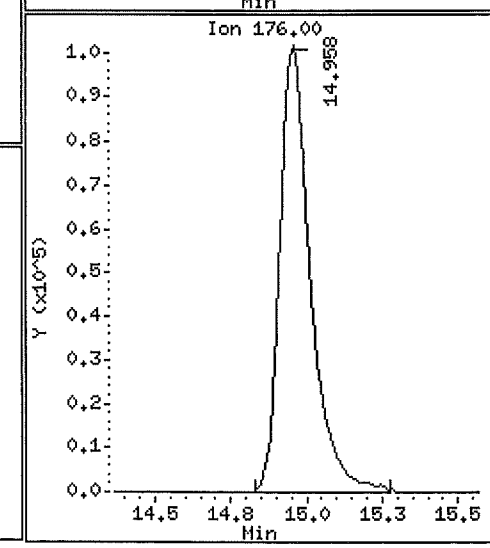












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12828.D

Date : 07-OCT-2000 16:53

Client ID: D12828

Instrument: md.i

Sample Info: DLC7R101,,2,,0,1,0,8260BDA.M,D12828

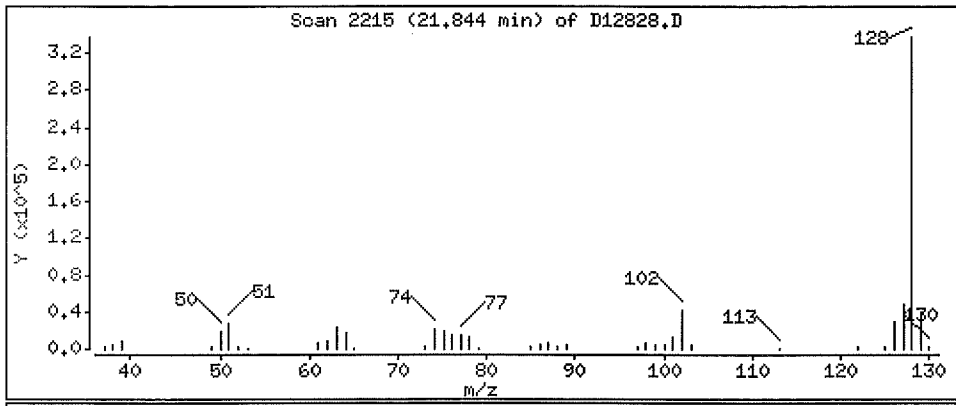
Operator: AD

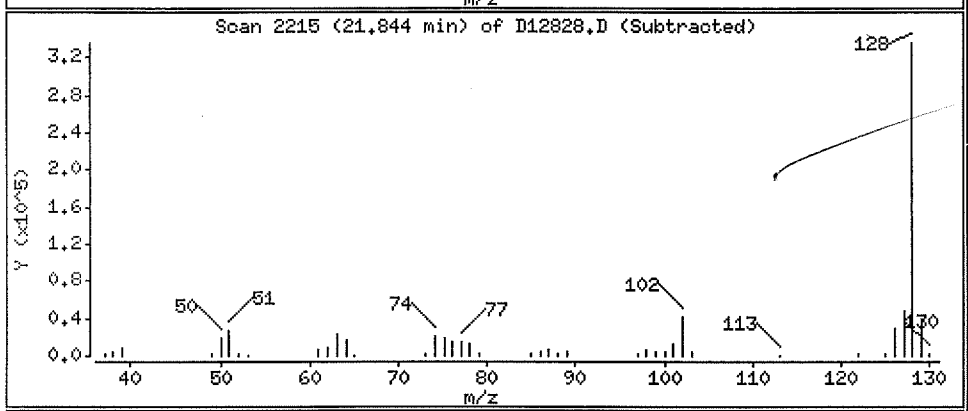
Column phase: J&W DB-624

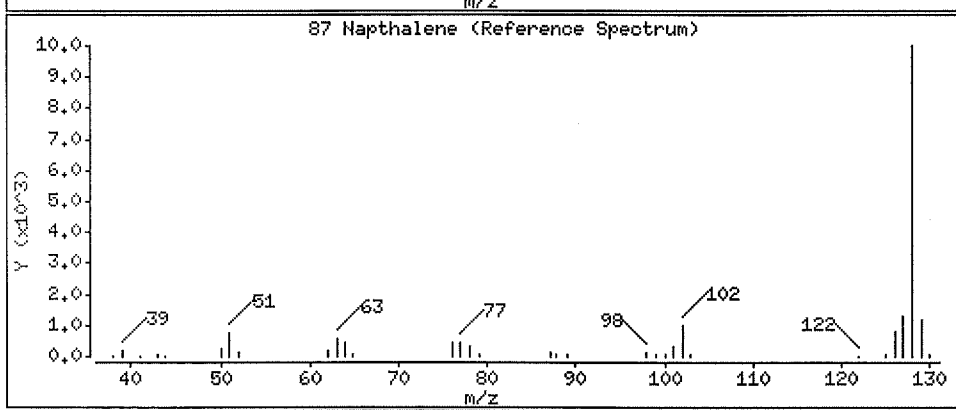
Column diameter: 0.53

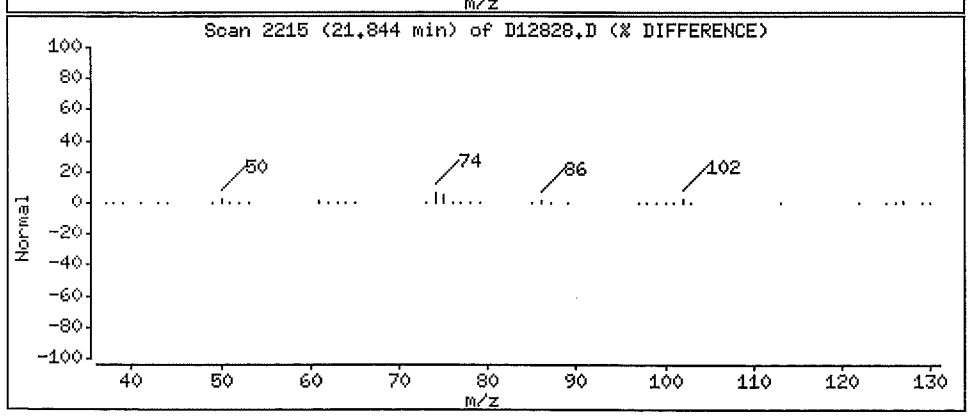
87 Napthalene

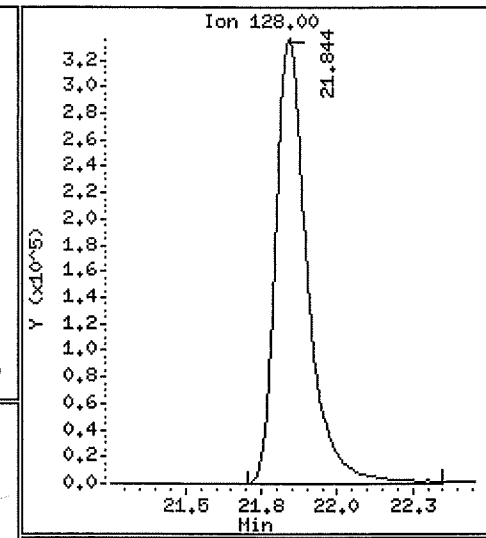
Concentration: 81.36 ug/Kg

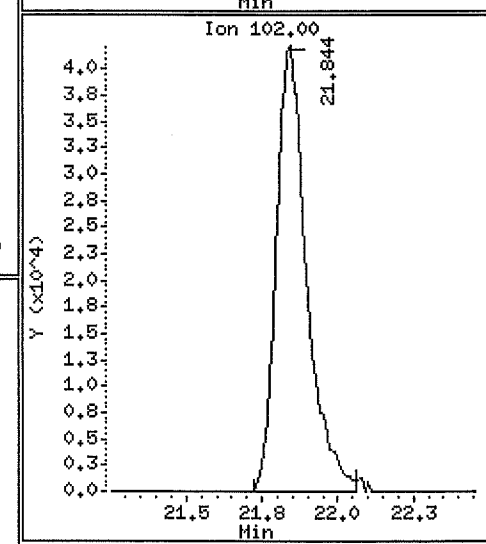












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12828.D

Date : 07-OCT-2000 16:53

Client ID: D12828

Instrument: md.i

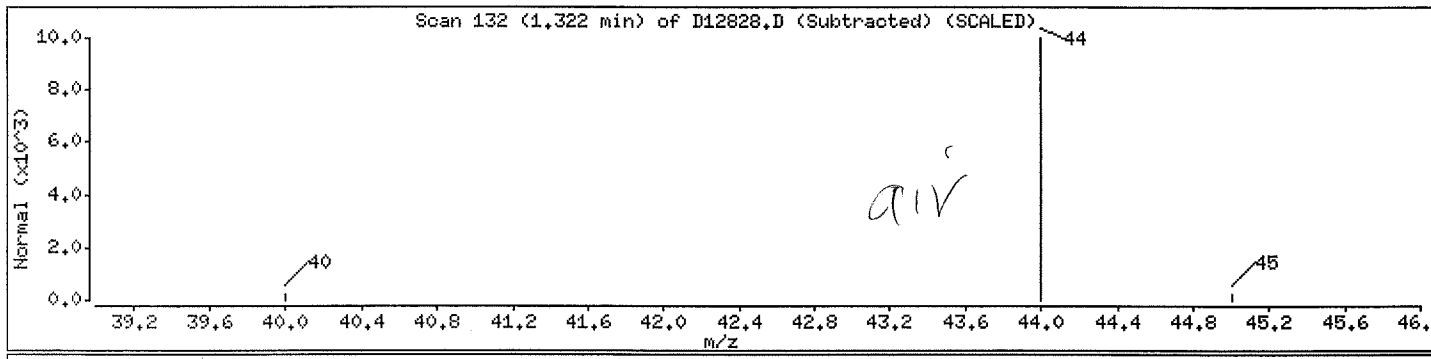
Sample Info: DLC7R101,,2,,0,1,0,8260BDA.M,D12828

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12829.D
Lab Smp Id: DLC7T101 Client Smp ID: D12829
Inj Date : 07-OCT-2000 17:25
Operator : AD Inst ID: md.i
Smp Info : DLC7T101,,2,,0,1,0,8260BDA.M,D12829
Misc Info : E0I290371-8,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.979	5.981	(0.843)	807986	48.1751	48.18
$ 33 1,2-Dichloroethane-d4	65	6.521	6.513	(0.919)	524529	46.3336	46.33
34 1,2-Dichloroethane-d4 2nd	102	6.531	6.513	(0.921)	103008	45.1014	45.10
* 38 Fluorobenzene	96	7.093	7.095	(1.000)	1179131	50.0000	
39 Trichloroethene	130	7.723	7.745	(1.089)	147481	13.3825	13.38
$ 47 Toluene-d8	98	9.930	9.922	(0.787)	1112024	44.5210	44.52
* 56 Chlorobenzene-d5	117	12.610	12.622	(1.000)	1078956	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.955	14.967	(0.866)	675133	44.7289	44.73
$ 67 4-Bromofluorobenzene	95	14.945	14.947	(0.866)	896405	44.4965	44.50
* 79 1,4-Dichlorobenzene-d4	152	17.260	17.262	(1.000)	758033	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12829.D
Lab Smp Id: DLC7T101 Client Smp ID: D12829
Inj Date : 07-OCT-2000 17:25
Operator : AD Inst ID: md.i
Smp Info : DLC7T101,,2,,0,1,0,8260BDA.M,D12829
Misc Info : E0I290371-8,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.093	2728587	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.319	450496	8.25510569	8.26	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC7T101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12829
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ 911	1.319	8.26	J

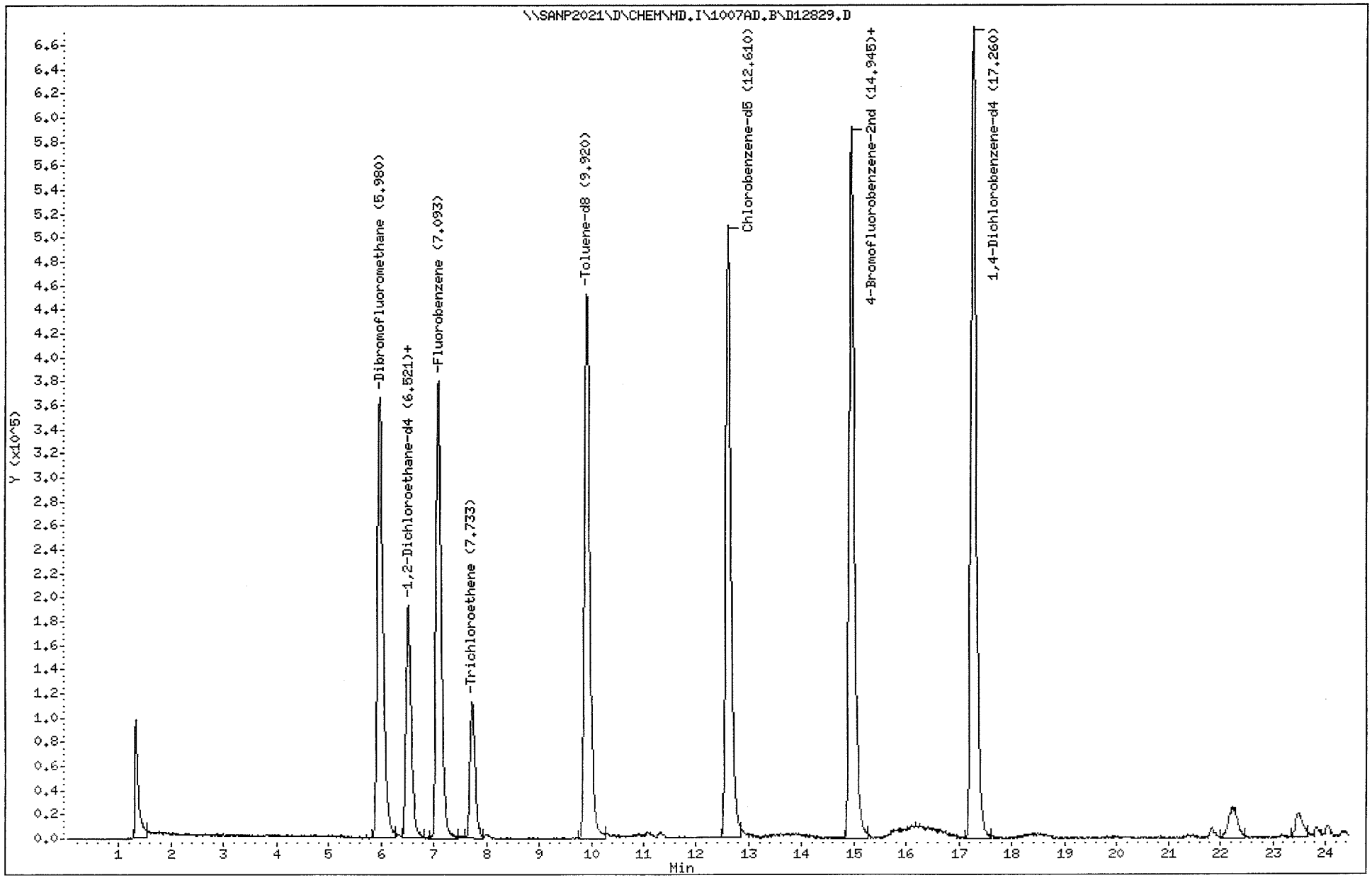
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12829.D
Date : 07-OCT-2000 17:25
Client ID: D12829
Sample Info: DLC7T101,,2,,0,1,0,8260BDA.M,D12829

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000604

BOE-C6-0159023

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12829.D

Date : 07-OCT-2000 17:25

Client ID: D12829

Instrument: md.i

Sample Info: DLC7T101,,2,,0,1,0,8260BDA.M,D12829

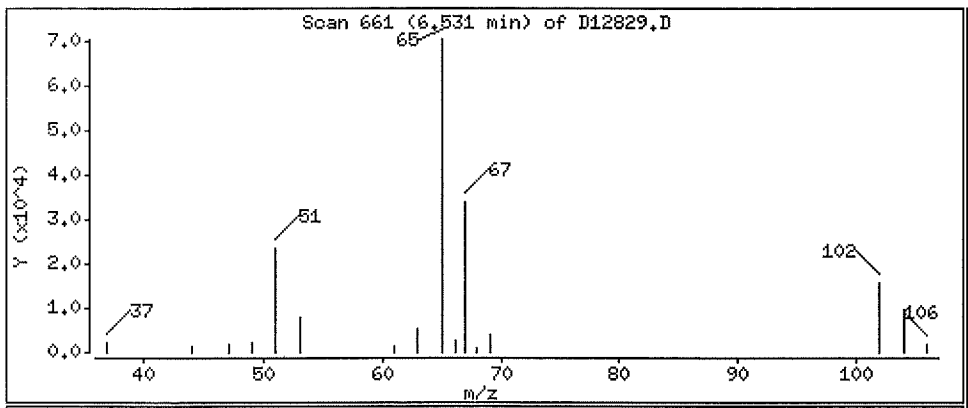
Operator: AD

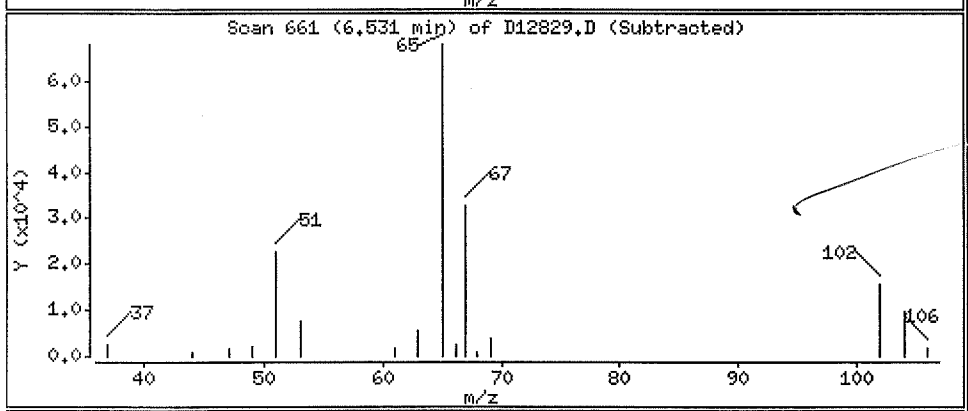
Column phase: J&W DB-624

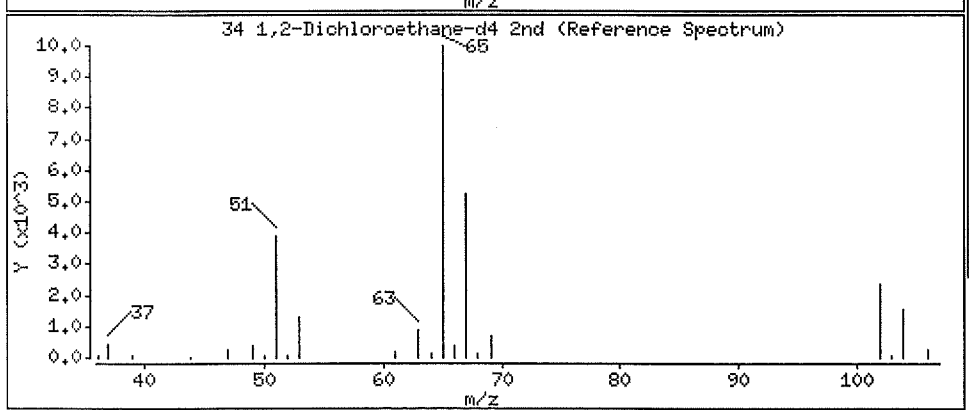
Column diameter: 0.53

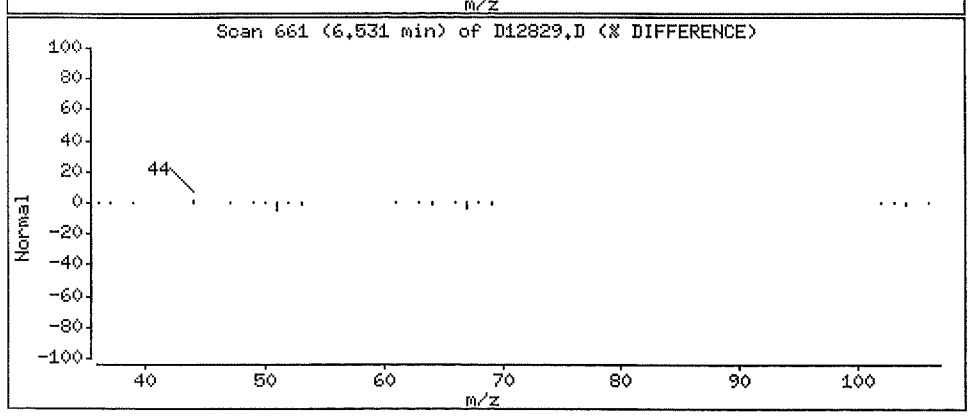
34 1,2-Dichloroethane-d4 2nd

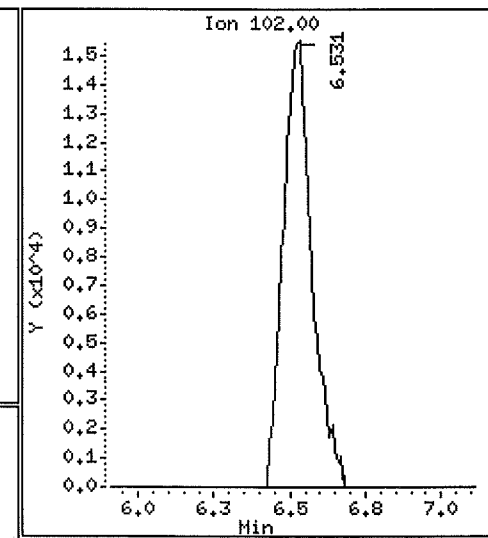
Concentration: 45.10 ug/Kg

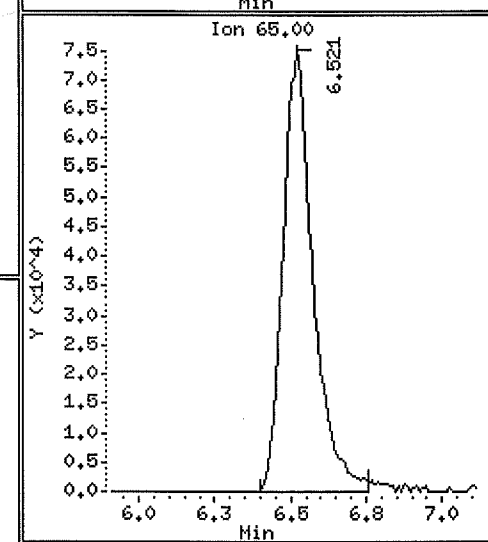












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12829.D

Date : 07-OCT-2000 17:25

Client ID: D12829

Instrument: md.i

Sample Info: DLC7T101,,2,,0,1,0,8260BDA,M,D12829

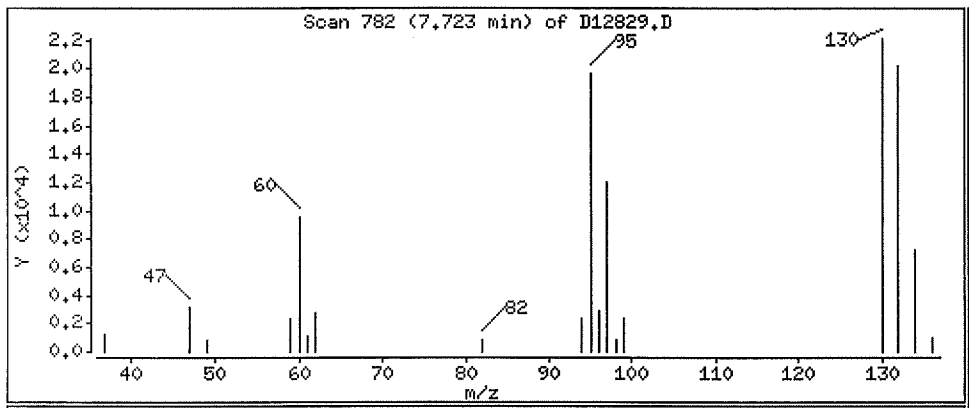
Operator: AD

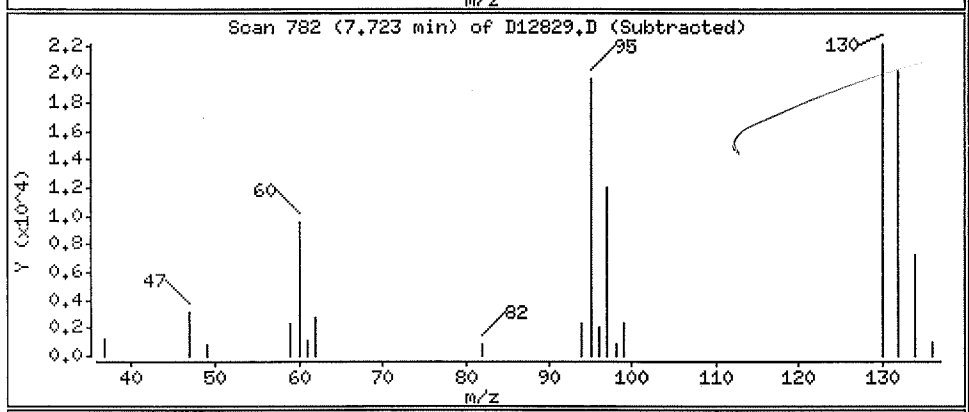
Column phase: J&W DB-624

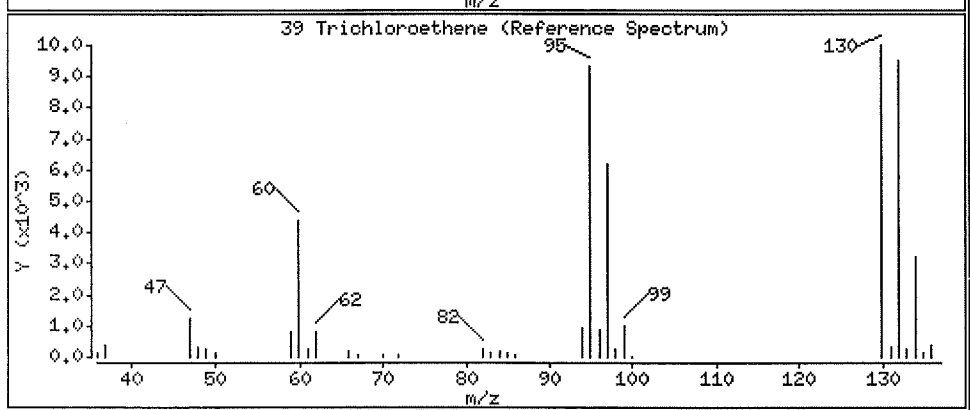
Column diameter: 0.53

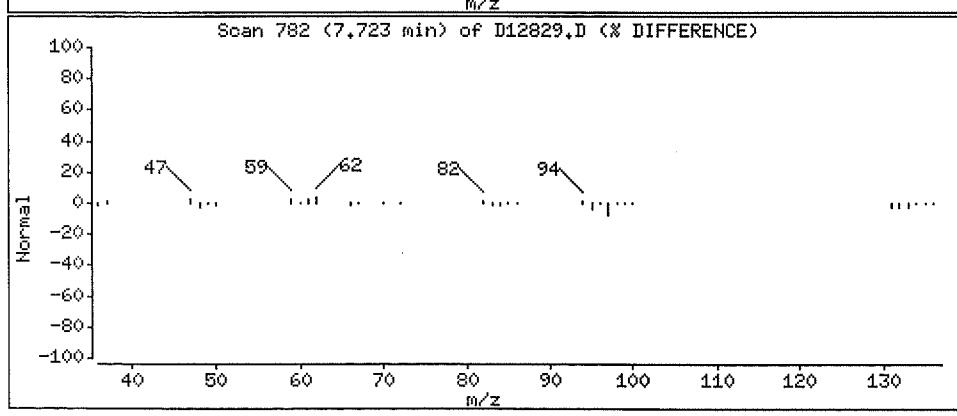
39 Trichloroethene

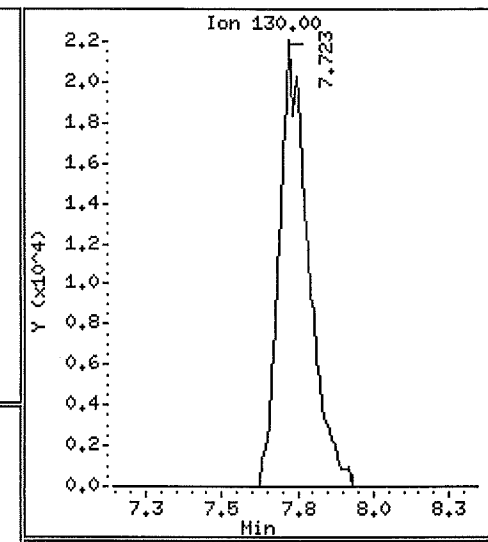
Concentration: 13.38 ug/Kg

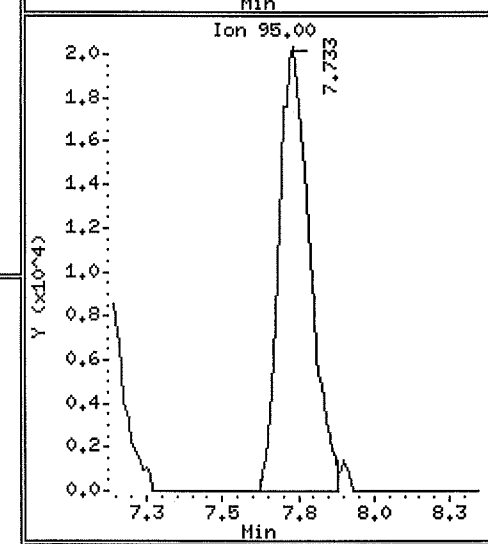


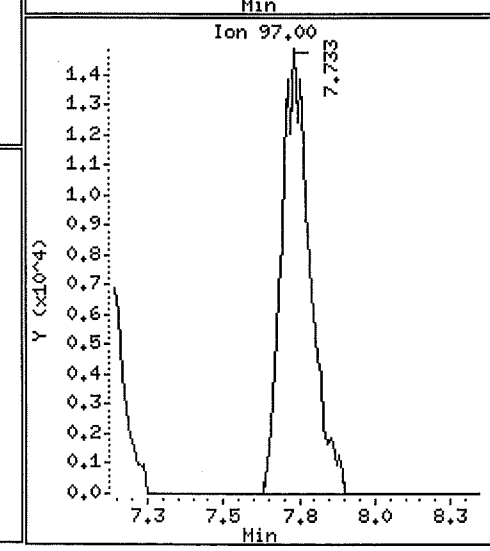












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12829.D

Date : 07-OCT-2000 17:25

Client ID: D12829

Instrument: md.i

Sample Info: DLC7T101,,2,,0,1,0,8260BDA.M,D12829

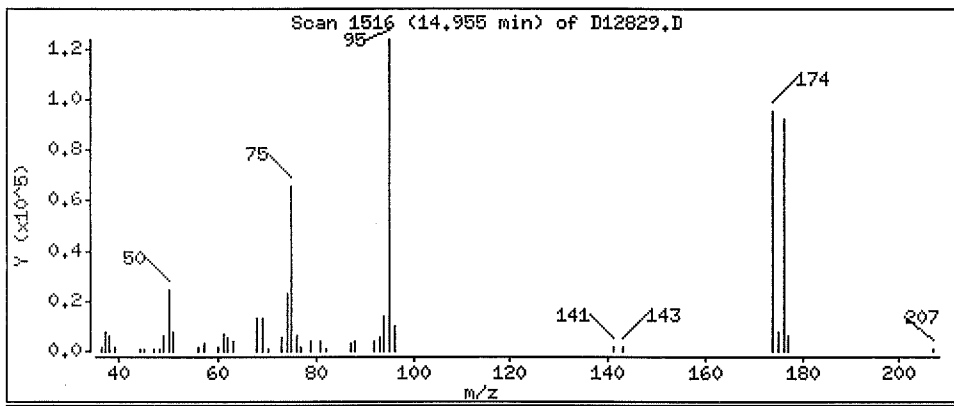
Operator: AD

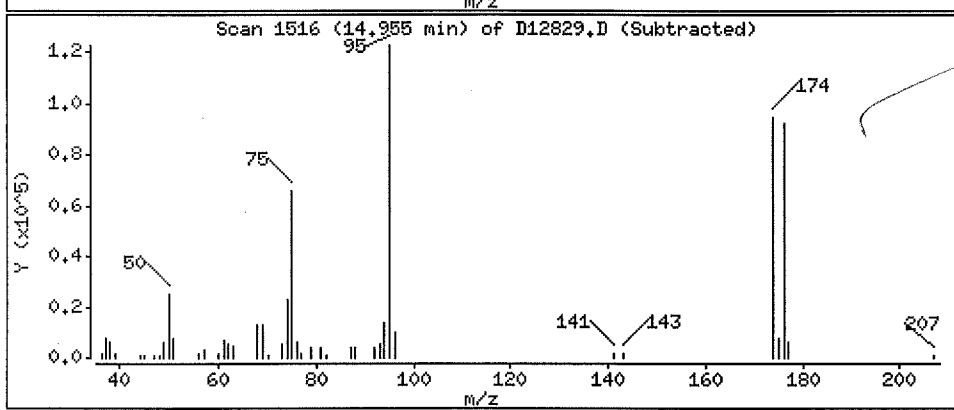
Column phase: J&W DB-624

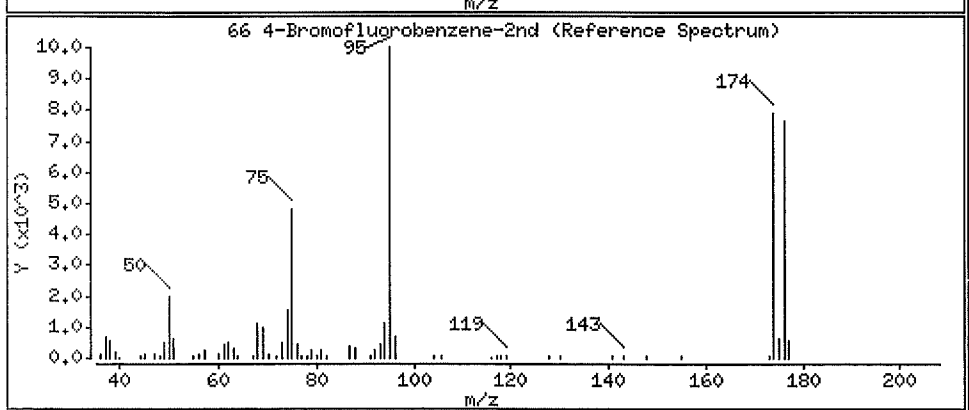
Column diameter: 0.53

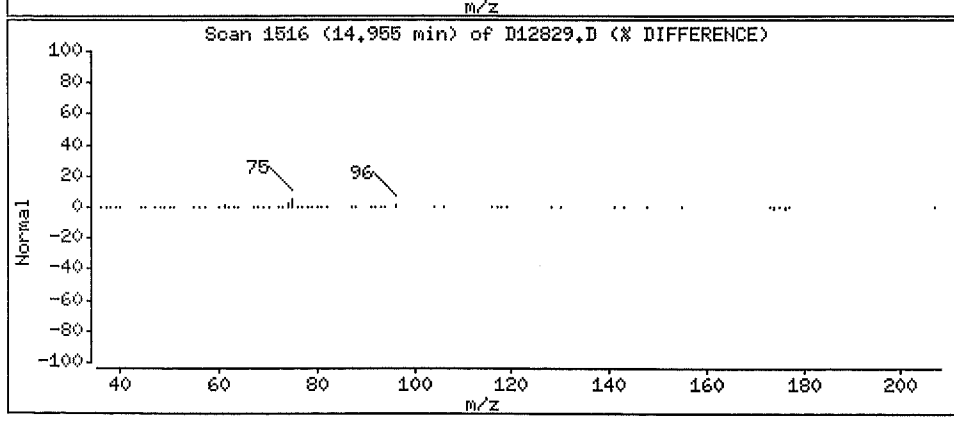
66 4-Bromofluorobenzene-2nd

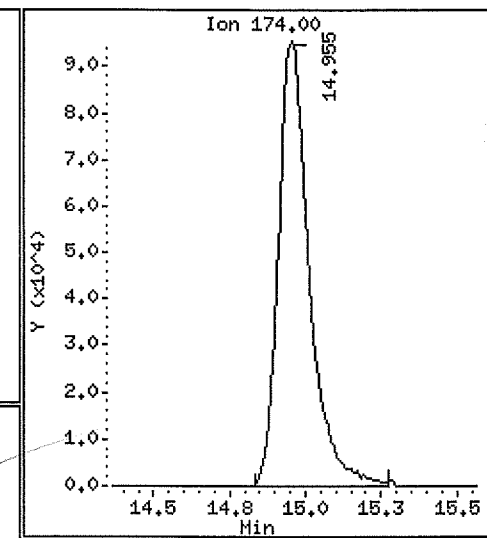
Concentration: 44.73 ug/Kg

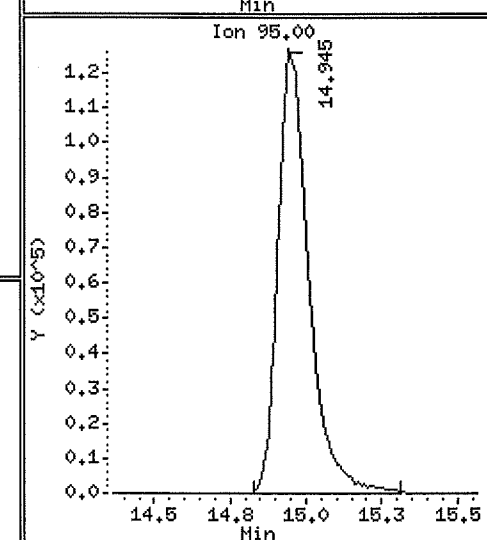


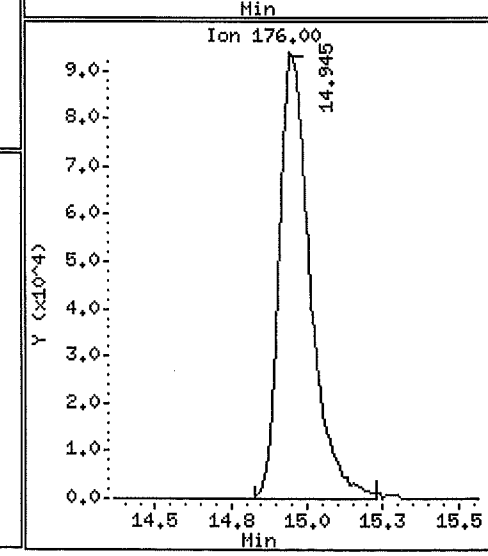












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12829.D

Date : 07-OCT-2000 17:25

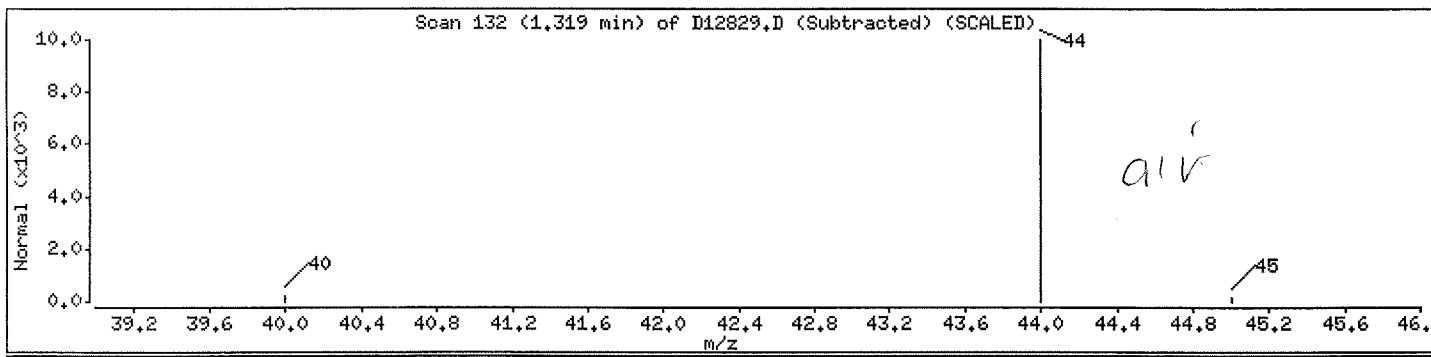
Client ID: D12829 Instrument: md.i

Sample Info: DLC7T101,,2,,0,1,0,8260BDA.M,D12829

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12831.D
Lab Smp Id: DLC7W101 Client Smp ID: D12831
Inj Date : 07-OCT-2000 18:28
Operator : AD Inst ID: md.i
Smp Info : DLC7W101,,2,,0,1,0,8260BDA.M,D12831
Misc Info : E0I290371-10,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.987	5.981	(0.843)	821840	50.9729	50.97
$ 33 1,2-Dichloroethane-d4	65	6.519	6.513	(0.918)	523409	48.0951	48.10
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.513	(0.918)	104968	47.8088	47.81
* 38 Fluorobenzene	96	7.100	7.095	(1.000)	1133520	50.0000	
$ 47 Toluene-d8	98	9.918	9.922	(0.787)	1100077	44.9195	44.92
* 56 Chlorobenzene-d5	117	12.607	12.622	(1.000)	1057896	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.967	(0.866)	689093	45.3689	45.37
$ 67 4-Bromofluorobenzene	95	14.952	14.947	(0.866)	893180	44.0598	44.06
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.262	(1.000)	762792	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12831.D
Lab Smp Id: DLC7W101 Client Smp ID: D12831
Inj Date : 07-OCT-2000 18:28
Operator : AD Inst ID: md.i
Smp Info : DLC7W101,,2,,0,1,0,8260BDA.M,D12831
Misc Info : E0I290371-10,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	2614362	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	518860	9.92326711	9.92	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC7W101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12831
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.317	9.92	J

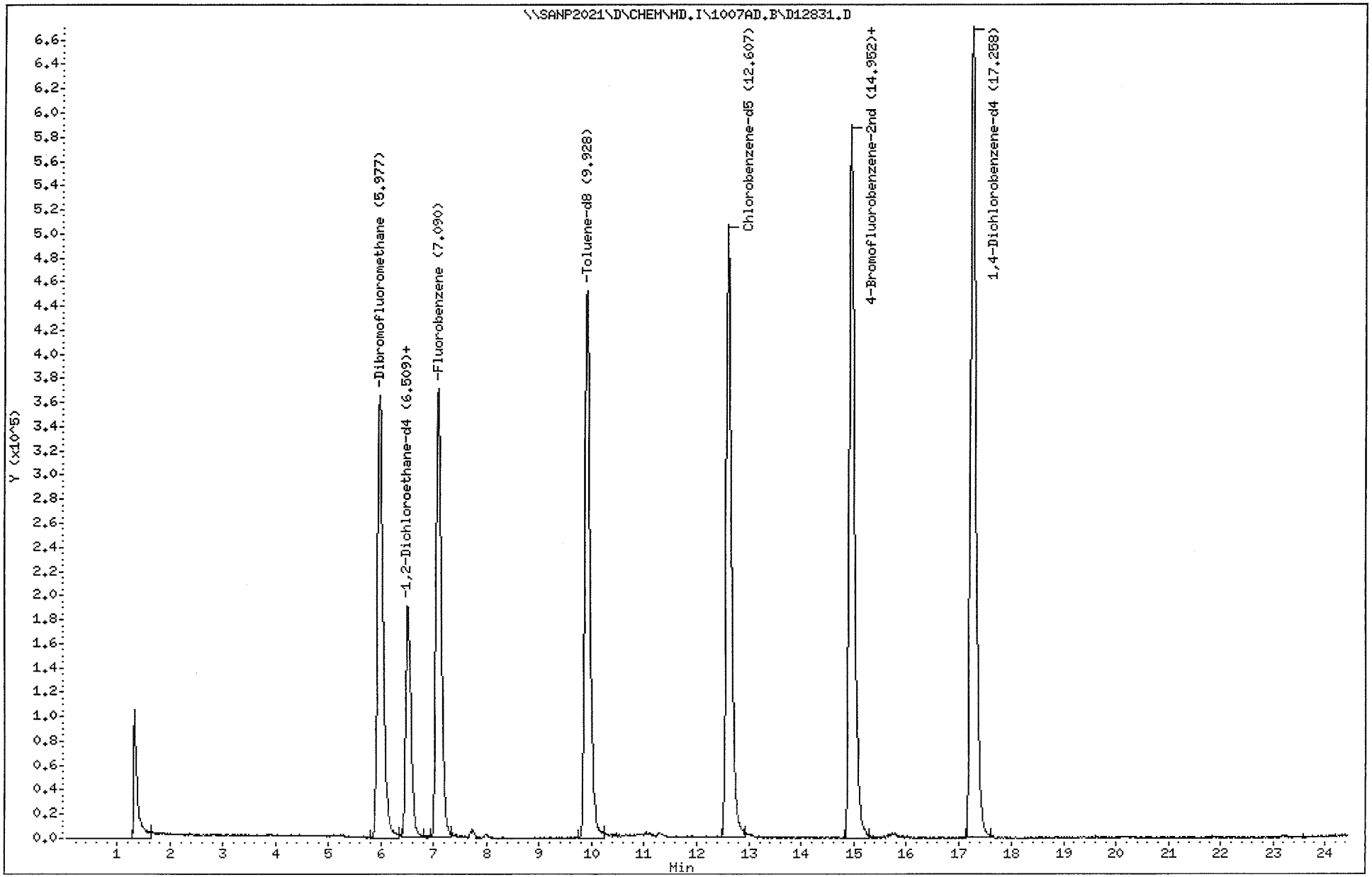
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12831.D
Date : 07-OCT-2000 18:28
Client ID: D12831
Sample Info: DLC7W101,,2,,0,1,0,8260BDA.M,D12831

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000612

BOE-C6-0159031

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12831.D

Date : 07-OCT-2000 18:28

Client ID: D12831

Instrument: md.i

Sample Info: DLC7W101,,2,,0,1,0,8260BDA.M,D12831

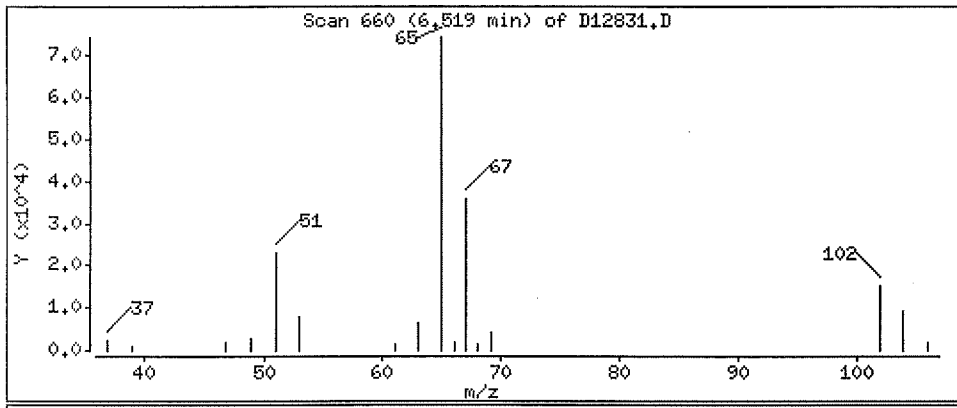
Operator: AD

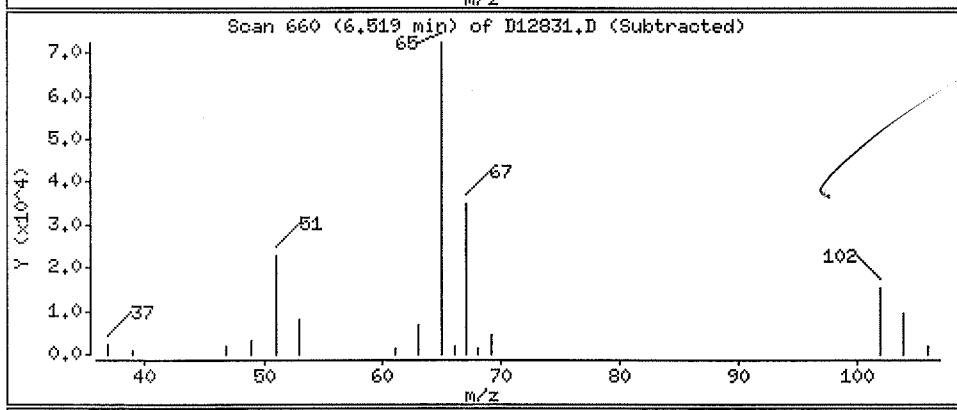
Column phase: J&W DB-624

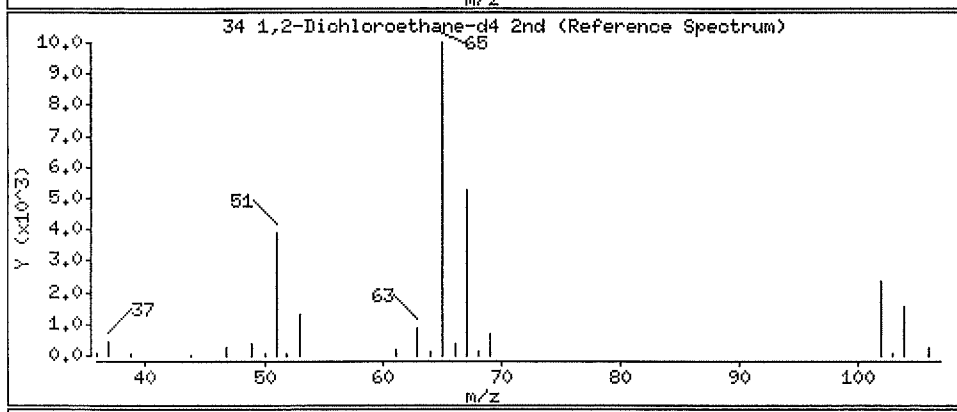
Column diameter: 0.53

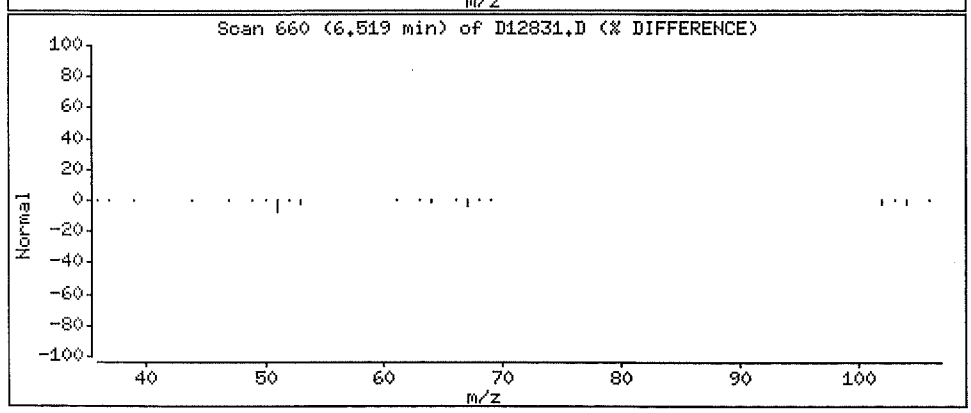
34 1,2-Dichloroethane-d4 2nd

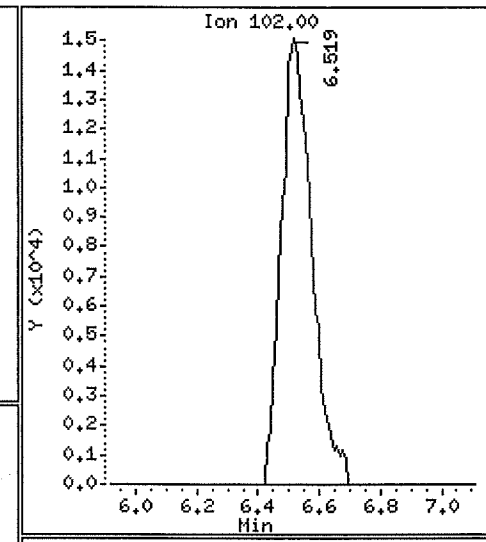
Concentration: 47.81 ug/Kg

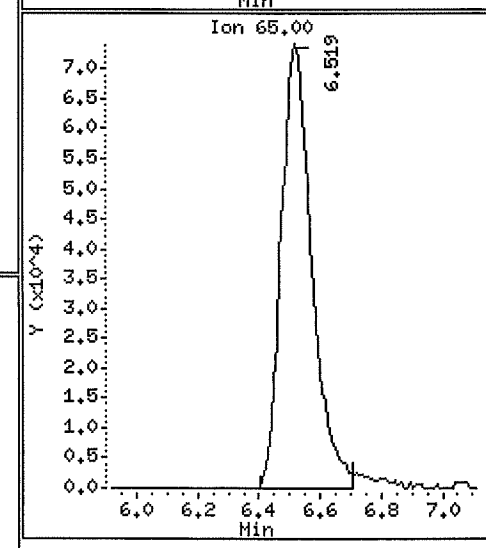












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12831.D

Date : 07-OCT-2000 18:28

Client ID: D12831

Instrument: md.i

Sample Info: DLC7W101,,2,,0,1,0,8260BDA.M,D12831

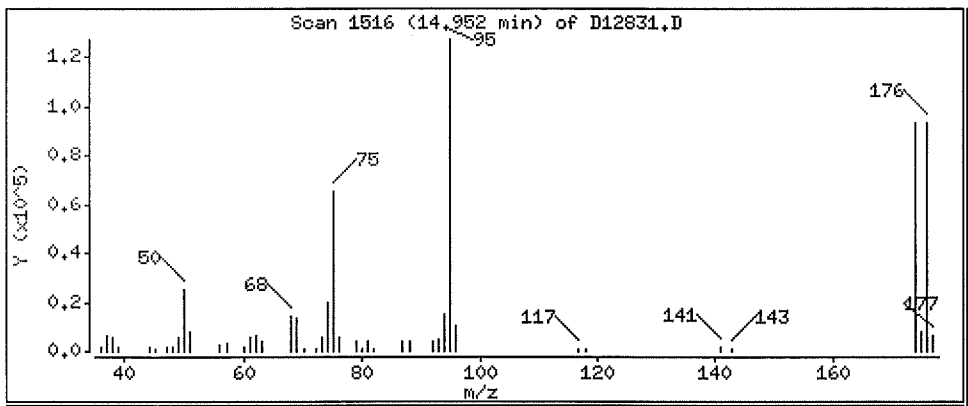
Operator: AD

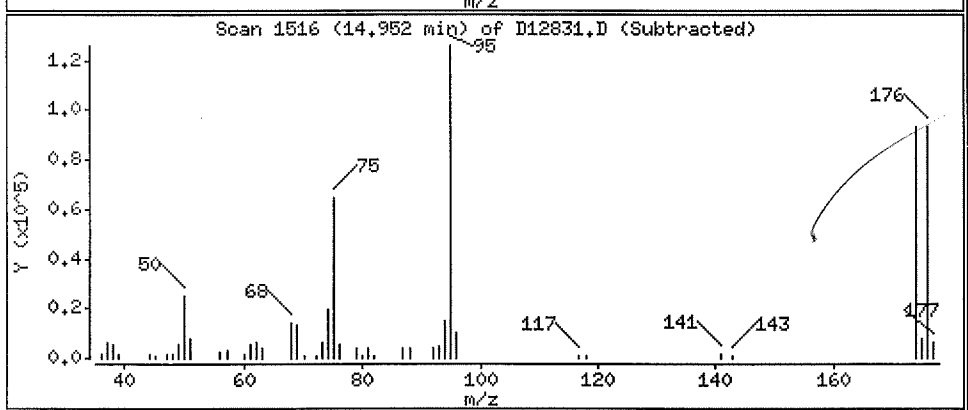
Column phase: J&W DB-624

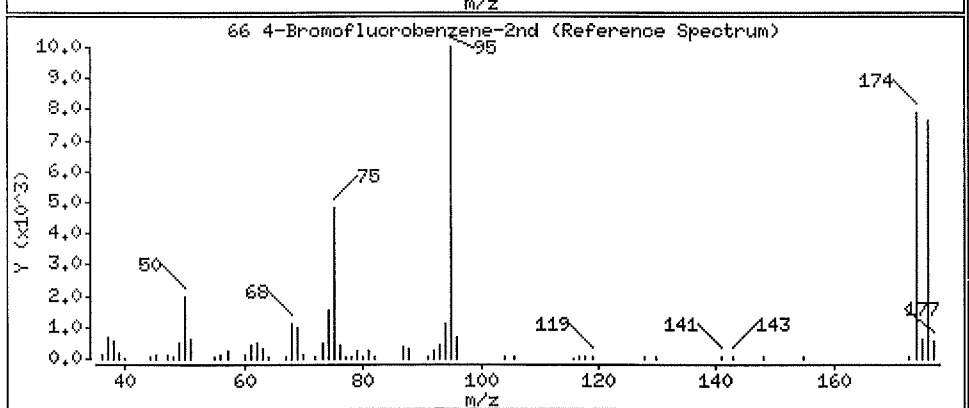
Column diameter: 0.53

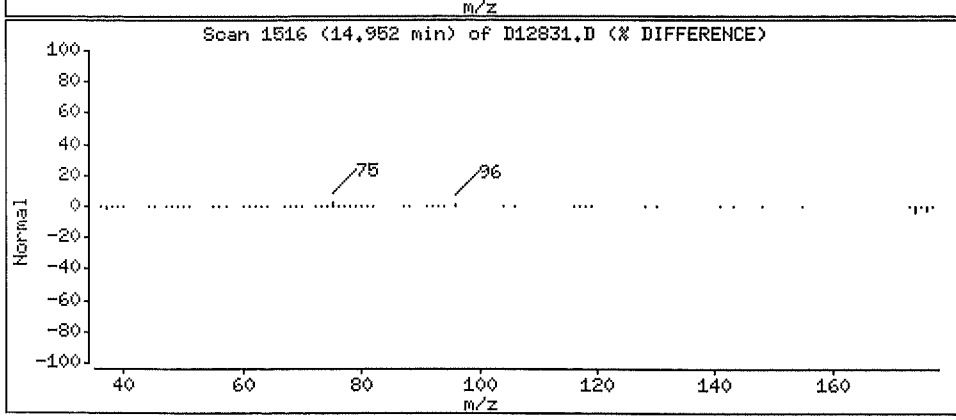
66 4-Bromofluorobenzene-2nd

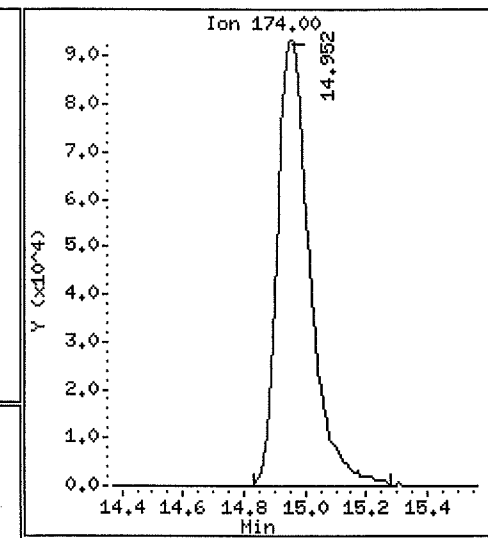
Concentration: 45.37 ug/Kg

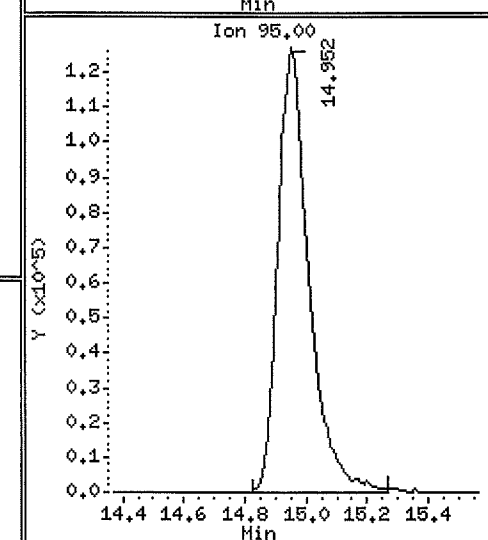


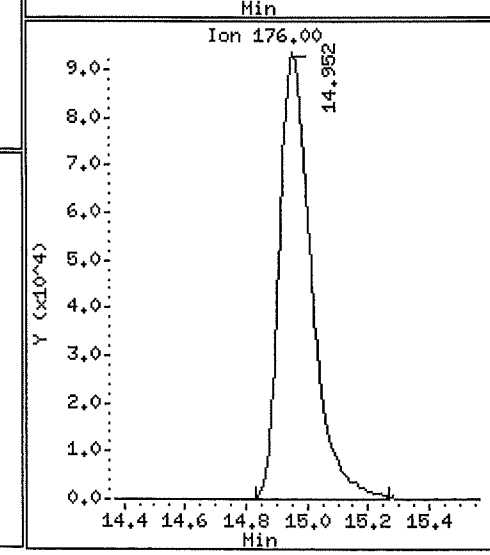












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12831.D

Date : 07-OCT-2000 18:28

Client ID: D12831

Instrument: md.i

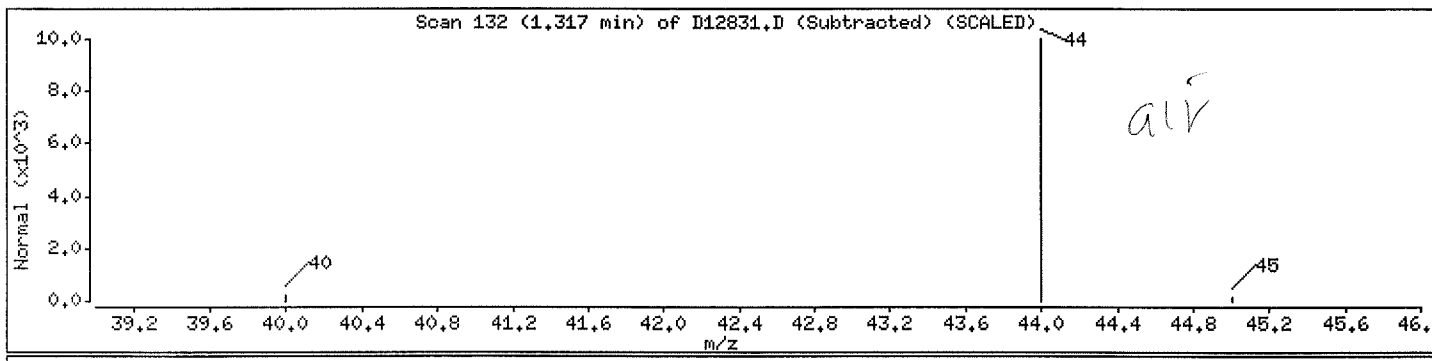
Sample Info: DLC7W101,,2,,0,1,0,8260BDA.M,D12831

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12832.D
Lab Smp Id: DLC7X101 Client Smp ID: D12832
Inj Date : 07-OCT-2000 19:00
Operator : AD Inst ID: md.i
Smp Info : DLC7X101,,2,,0,1,0,8260BDA.M,D12832
Misc Info : E0I290371-11,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.967	5.981	(0.840)	799679	48.9071	48.91
$ 33 1,2-Dichloroethane-d4	65	6.519	6.513	(0.918)	517141	46.8568	46.86
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.513	(0.917)	102540	46.0518	46.05
* 38 Fluorobenzene	96	7.100	7.095	(1.000)	1149542	50.0000	
39 Trichloroethene	130	7.730	7.745	(1.089)	29432	2.73948	2.74(aQ)
$ 47 Toluene-d8	98	9.918	9.922	(0.786)	1112937	44.1289	44.13
* 56 Chlorobenzene-d5	117	12.617	12.622	(1.000)	1089438	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.967	(0.866)	688178	44.9017	44.90
$ 67 4-Bromofluorobenzene	95	14.952	14.947	(0.866)	896283	43.8158	43.82
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.262	(1.000)	769704	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12832.D
Lab Smp Id: DLC7X101 Client Smp ID: D12832
Inj Date : 07-OCT-2000 19:00
Operator : AD Inst ID: md.i
Smp Info : DLC7X101,,2,,0,1,0,8260BDA.M,D12832
Misc Info : E0I290371-11,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	2650386	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	457777	8.63603648	8.64	0		0	38

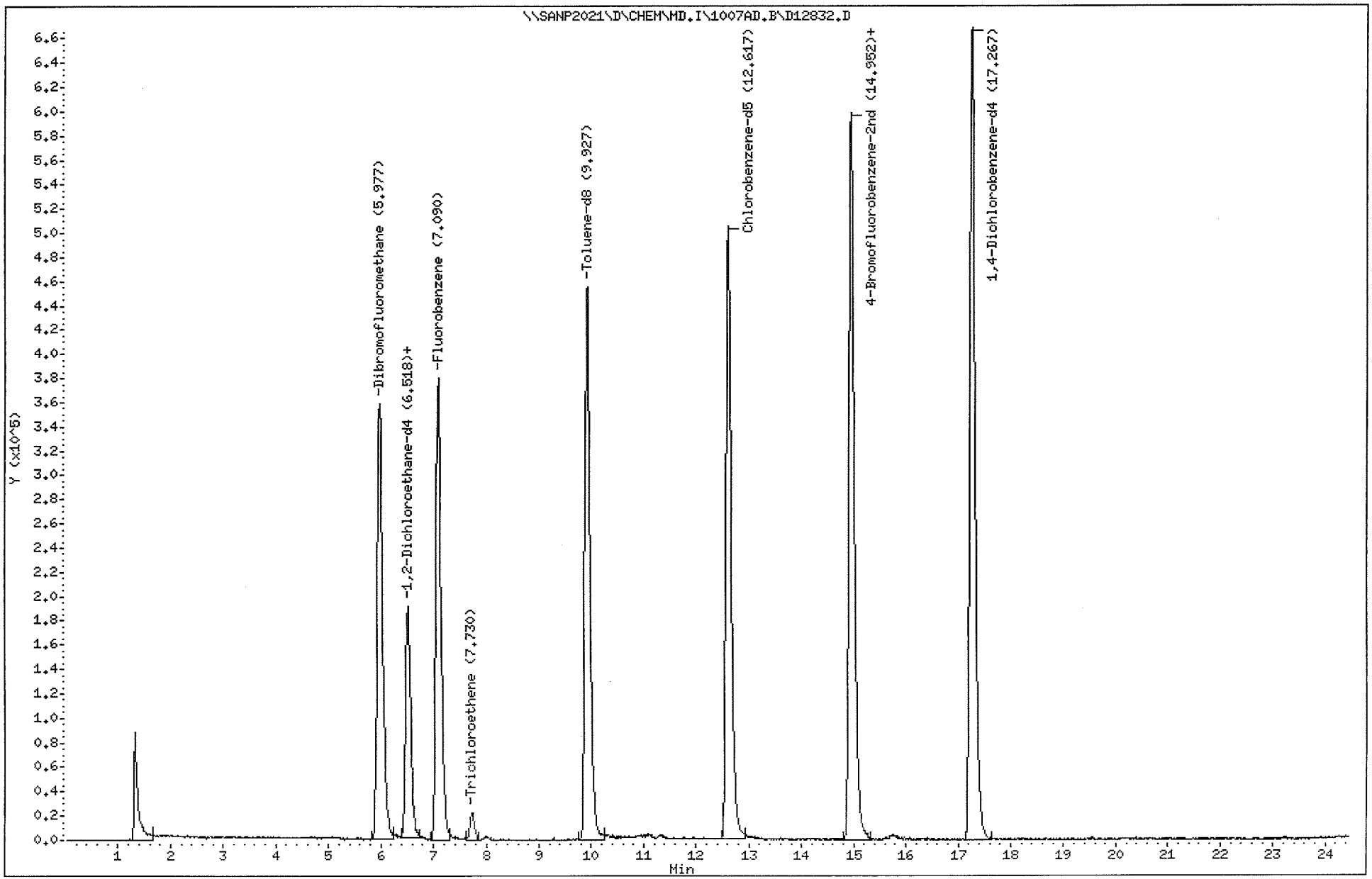
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12832.D
Date : 07-OCT-2000 19:00
Client ID: D12832
Sample Info: DLC7X101,,2,,0,1,0,8260BDA.M,D12832

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000619

BOE-C6-0159038

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12832.D

Date : 07-OCT-2000 19:00

Client ID: D12832

Instrument: md.i

Sample Info: DLC7X101,,2,,0,1,0,8260BDA.M,D12832

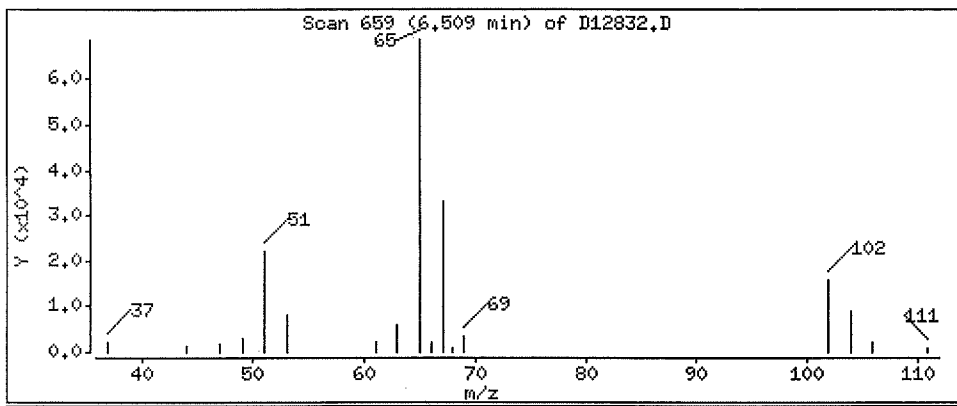
Operator: AD

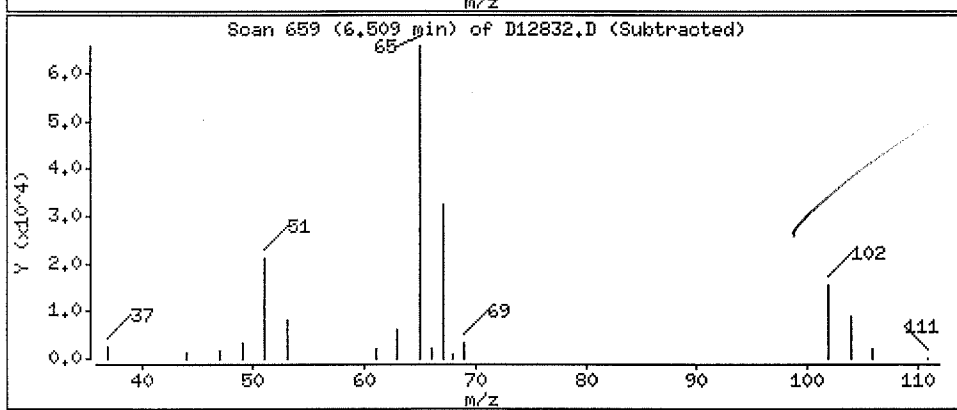
Column phase: J&W DB-624

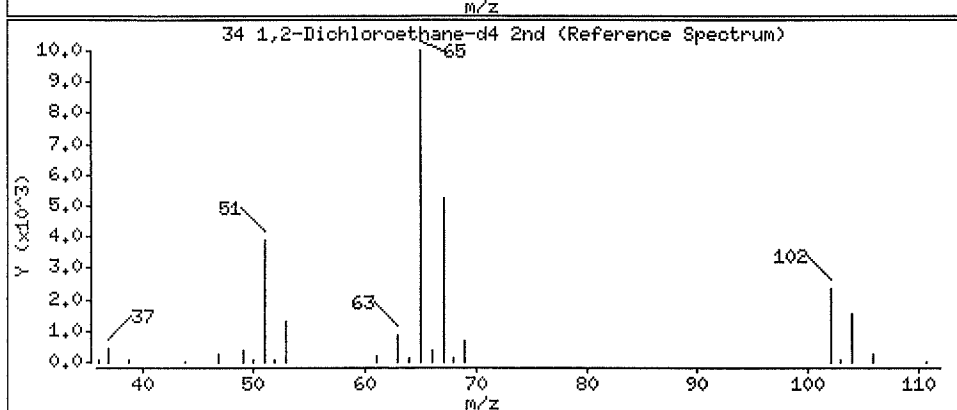
Column diameter: 0.53

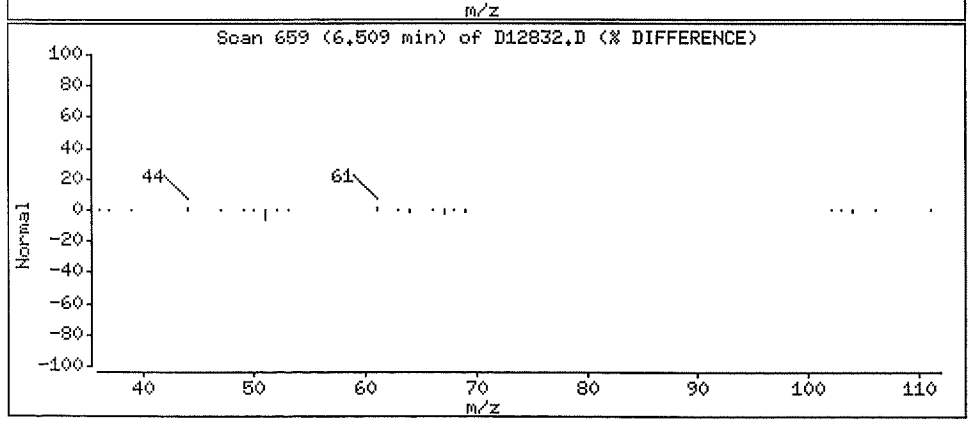
34 1,2-Dichloroethane-d4 2nd

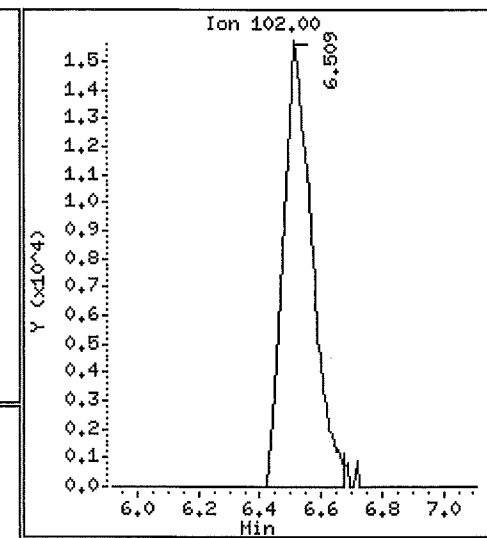
Concentration: 46.05 ug/Kg

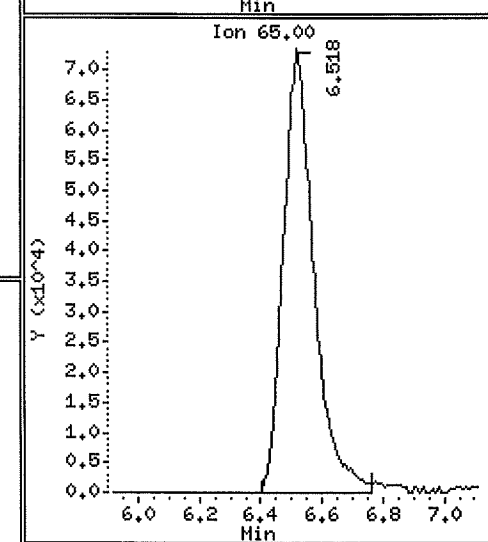












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12832.D

Date : 07-OCT-2000 19:00

Client ID: D12832

Instrument: md.i

Sample Info: DLC7X101,,2,,0,1,0,8260BDA.M,D12832

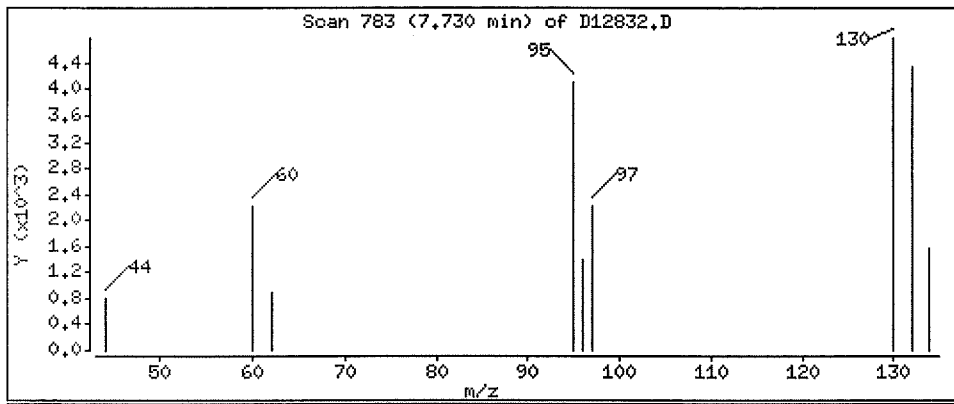
Operator: AD

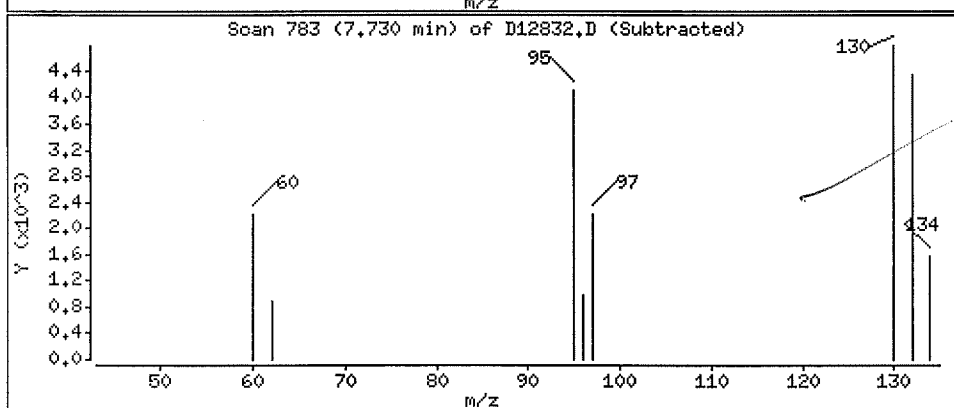
Column phase: J&W DB-624

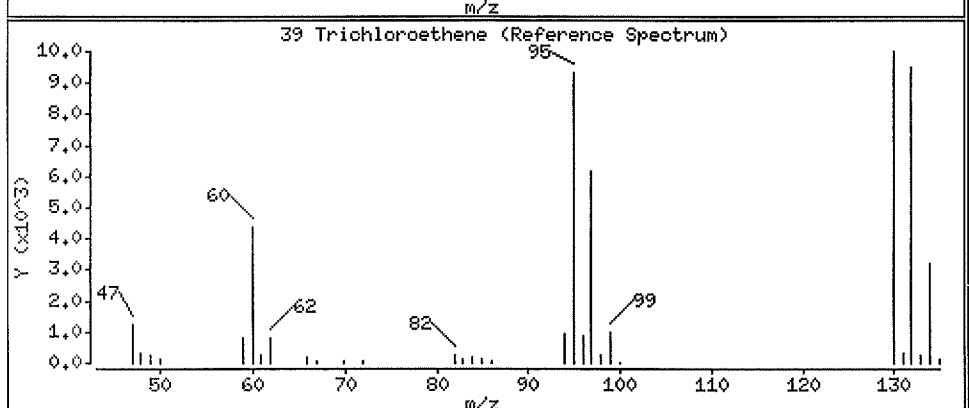
Column diameter: 0.53

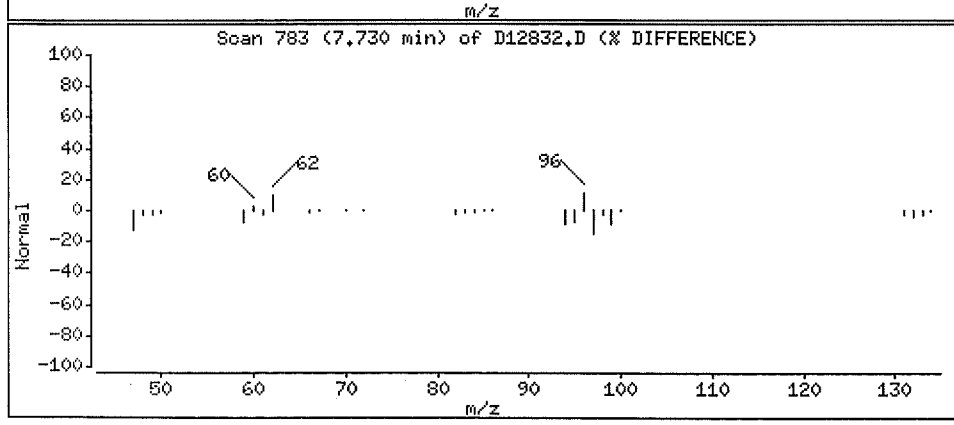
39 Trichloroethene

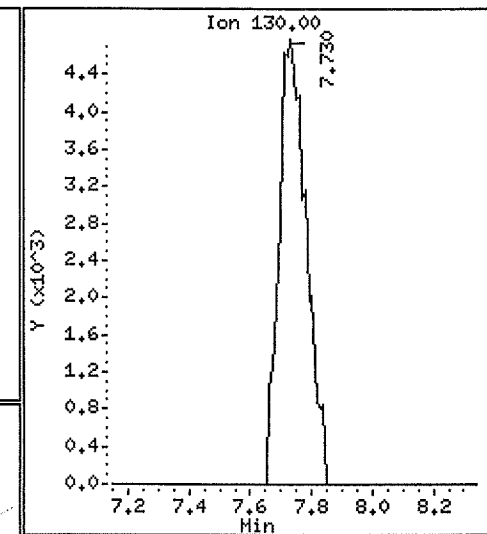
Concentration: 2.74 ug/Kg

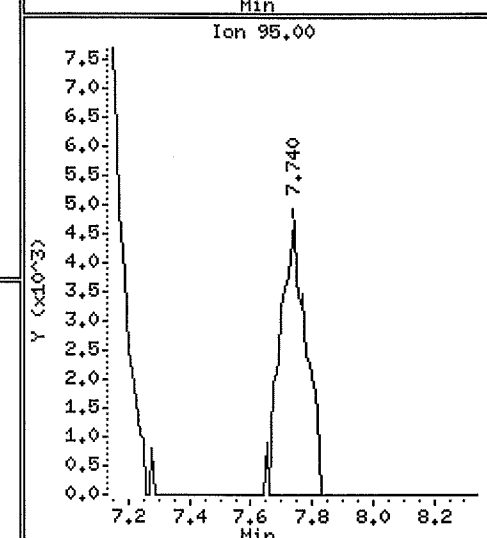


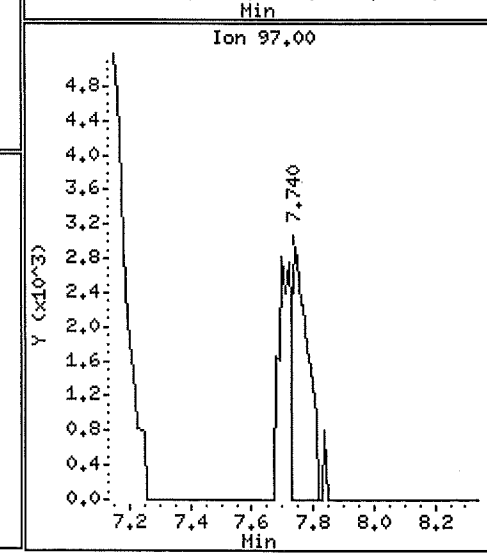












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12832.D

Date : 07-OCT-2000 19:00

Client ID: D12832

Instrument: md.i

Sample Info: DLC7X101,,2,,0,1,0,8260BDA,M,D12832

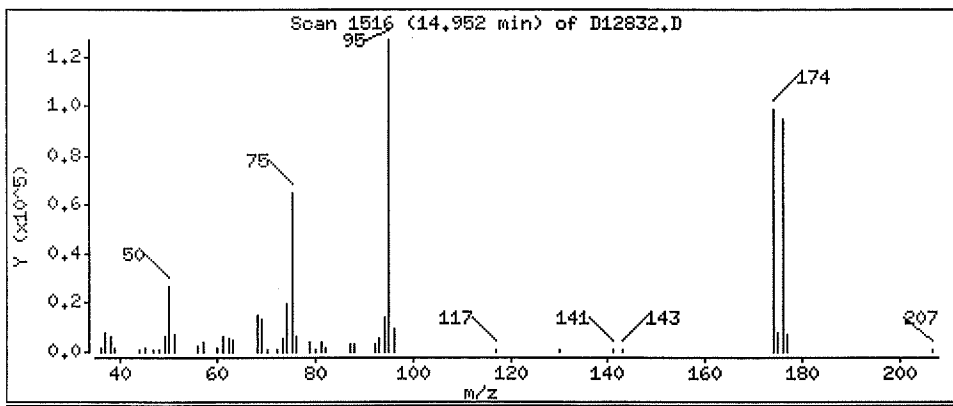
Operator: AD

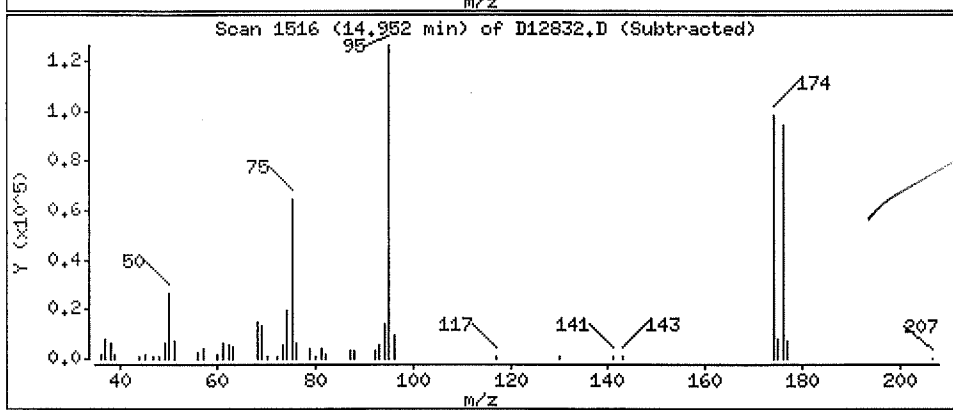
Column phase: J&W DB-624

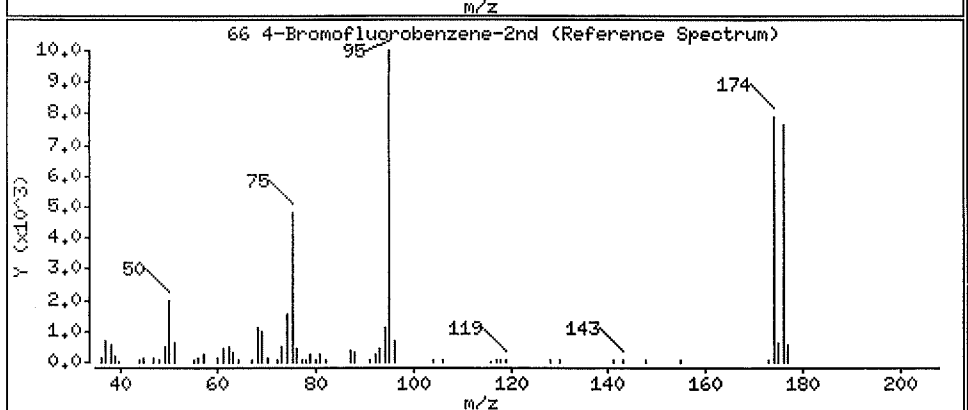
Column diameter: 0.53

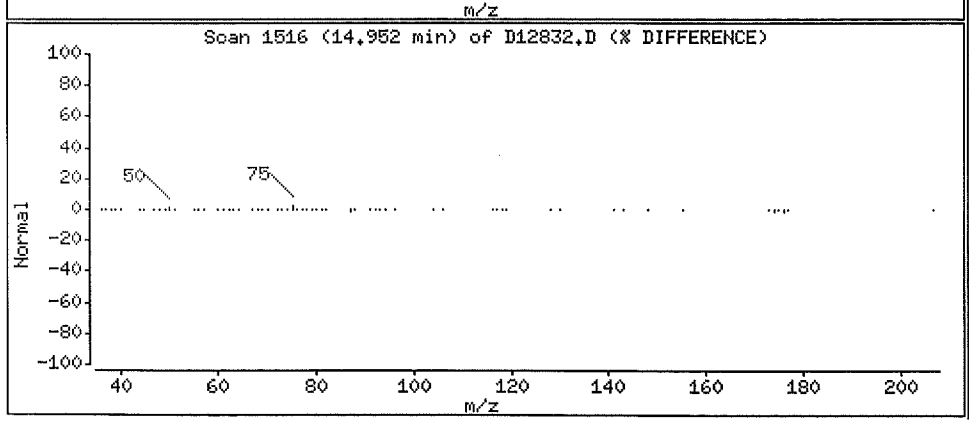
66 4-Bromofluorobenzene-2nd

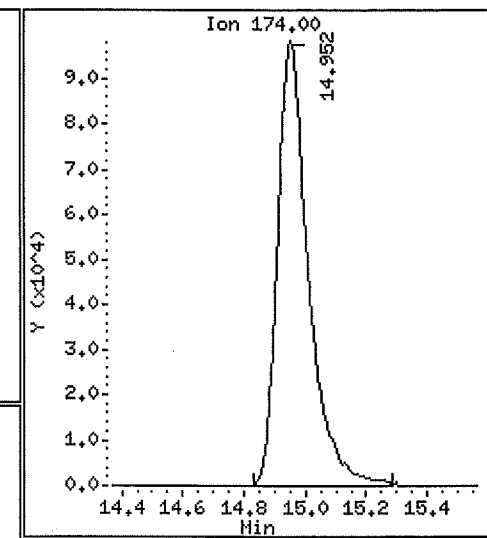
Concentration: 44.90 ug/Kg

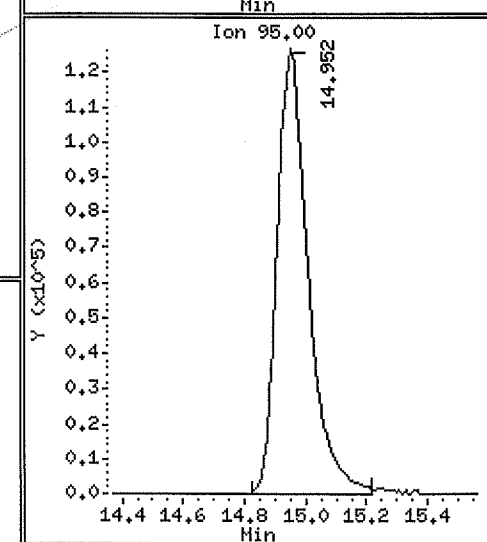


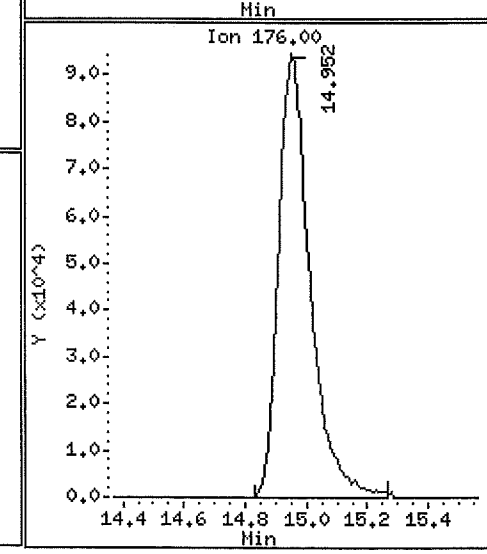












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12832.D

Date : 07-OCT-2000 19:00

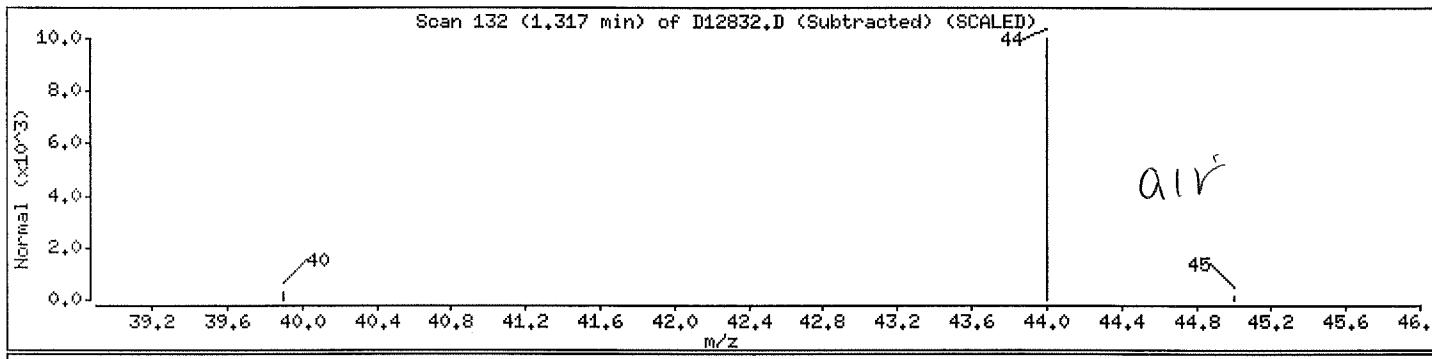
Client ID: D12832 Instrument: md.i

Sample Info: DLC7X101,,2,,0,1,0,8260BDA.M,D12832

Operator: AD

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12833.D
Lab Smp Id: DLC80101 Client Smp ID: D12833
Inj Date : 07-OCT-2000 19:32
Operator : AD Inst ID: md.i
Smp Info : DLC80101,,2,,0,1,0,8260BDA.M,D12833
Misc Info : E0I290371-12,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.987	5.981	(0.843)	763728	50.0205	50.02
$ 33 1,2-Dichloroethane-d4	65	6.519	6.513	(0.918)	487427	47.2963	47.30
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.513	(0.920)	93540	44.9888	44.99
* 38 Fluorobenzene	96	7.100	7.095	(1.000)	1073424	50.0000	
$ 47 Toluene-d8	98	9.928	9.922	(0.787)	1008392	43.6782	43.68
* 56 Chlorobenzene-d5	117	12.617	12.622	(1.000)	997284	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.967	(0.866)	640727	44.2061	44.21
$ 67 4-Bromofluorobenzene	95	14.952	14.947	(0.866)	830328	42.9222	42.92
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.262	(1.000)	727909	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12833.D
Lab Smp Id: DLC80101 Client Smp ID: D12833
Inj Date : 07-OCT-2000 19:32
Operator : AD Inst ID: md.i
Smp Info : DLC80101,,2,,0,1,0,8260BDA.M,D12833
Misc Info : E0I290371-12,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	2457384	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	419533	8.53617433	8.54	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC80101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12833
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown alk	1.326	8.54	J

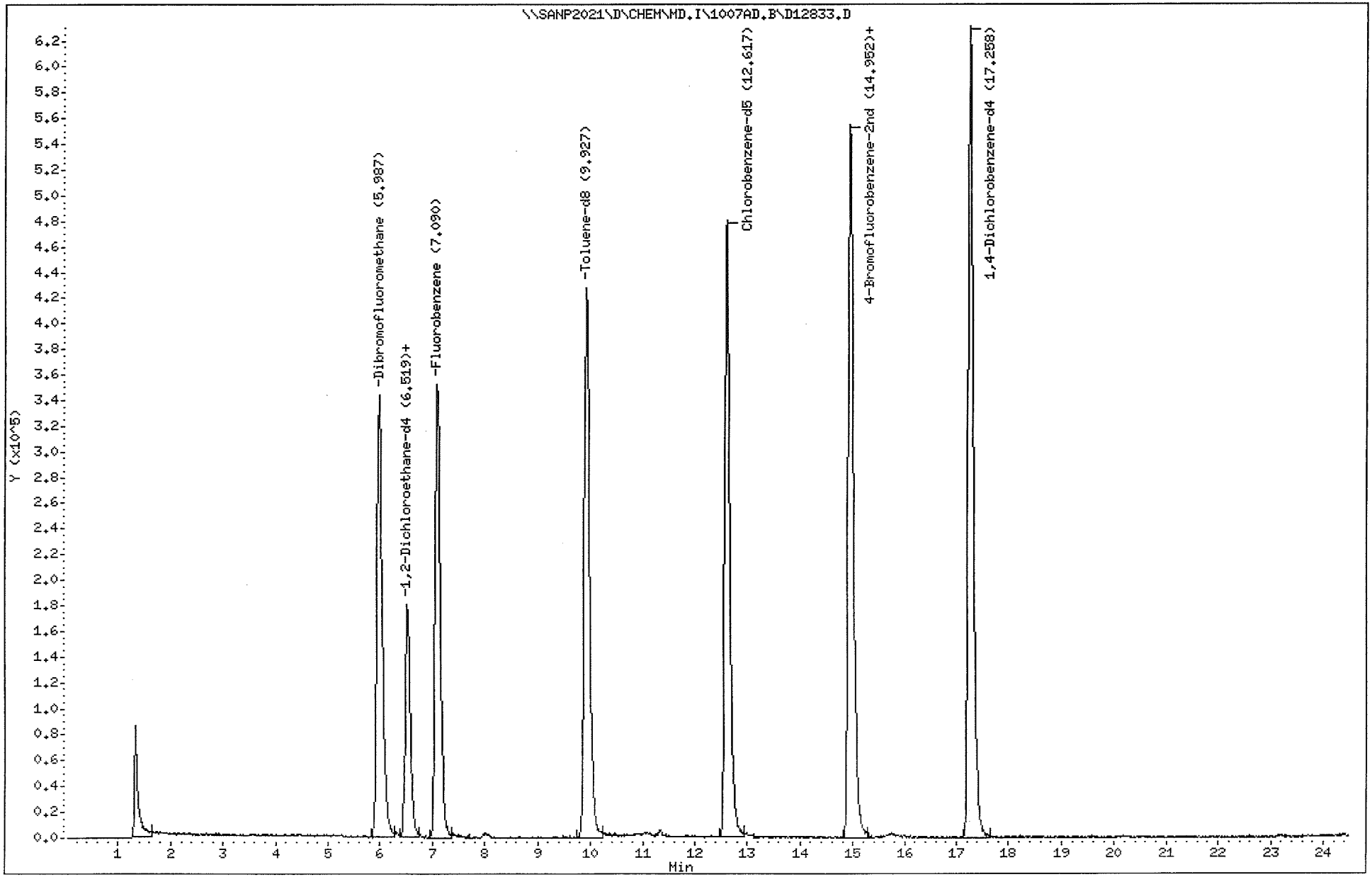
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12833.D
Date : 07-OCT-2000 19:32
Client ID: D12833
Sample Info: DLC80101,,2,,0,1,0,8260BDA.M,D12833

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000627

BOE-C6-0159046

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12833.D

Date : 07-OCT-2000 19:32

Client ID: D12833

Instrument: md.i

Sample Info: DLC80101,,2,,0,1,0,8260BDA.M,D12833

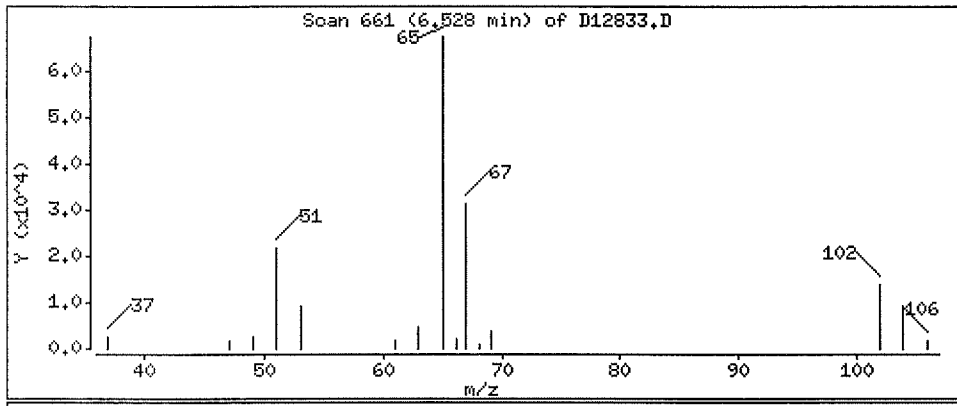
Operator: AD

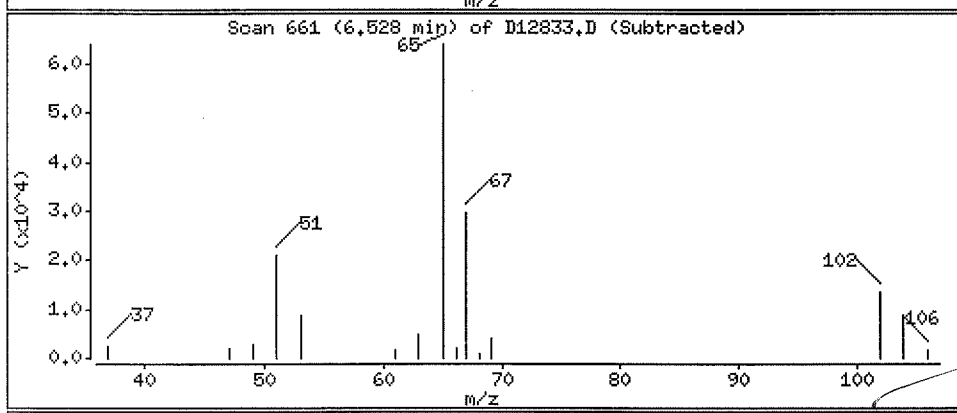
Column phase: J&W DB-624

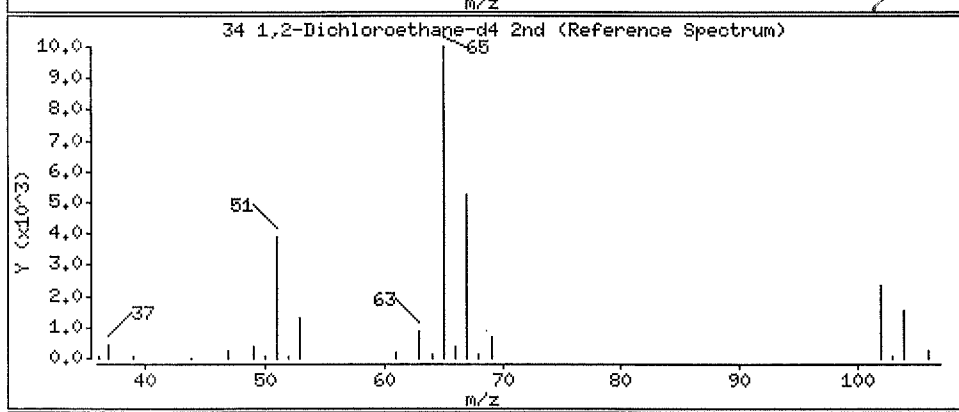
Column diameter: 0.53

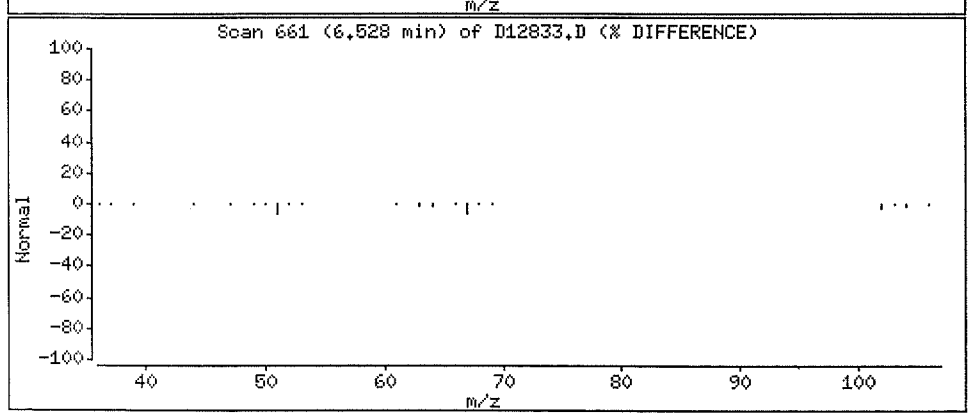
34 1,2-Dichloroethane-d4 2nd

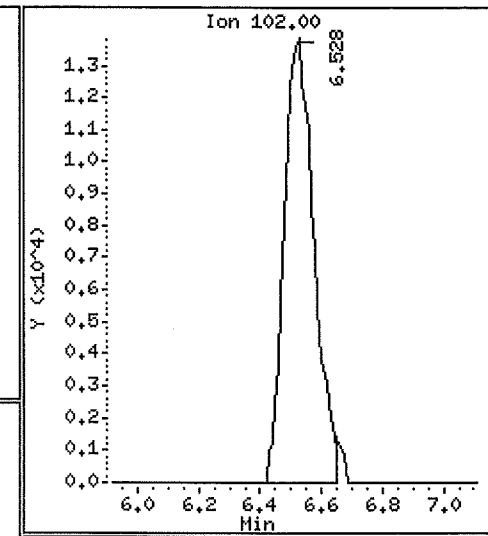
Concentration: 44.99 ug/Kg

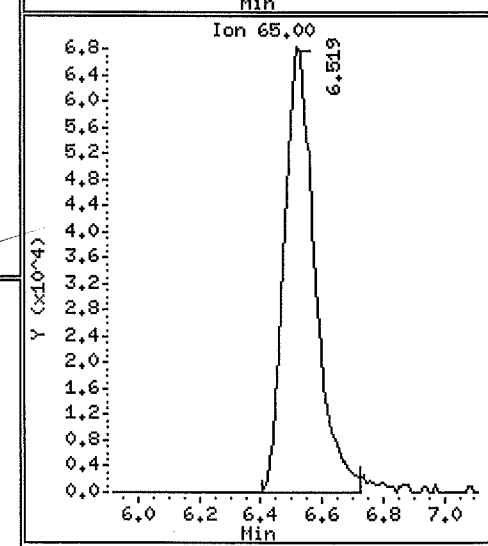












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12833.D

Date : 07-OCT-2000 19:32

Client ID: D12833

Instrument: md.i

Sample Info: DLC80101,,2,,0,1,0,8260BDA.M,D12833

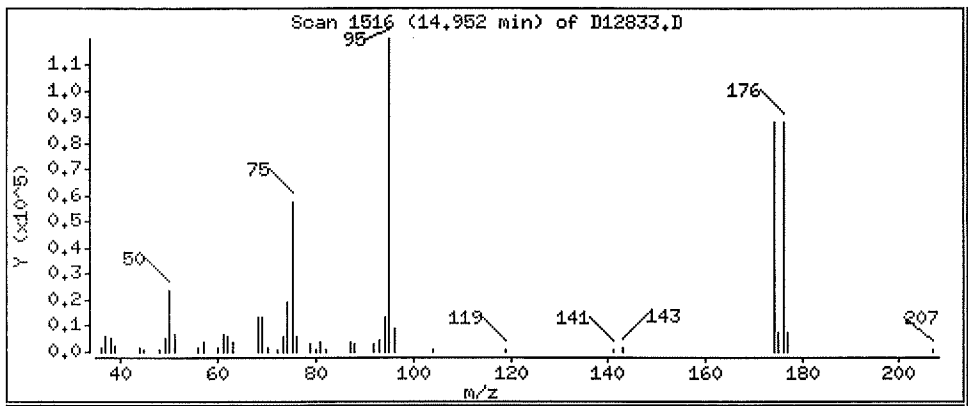
Operator: AD

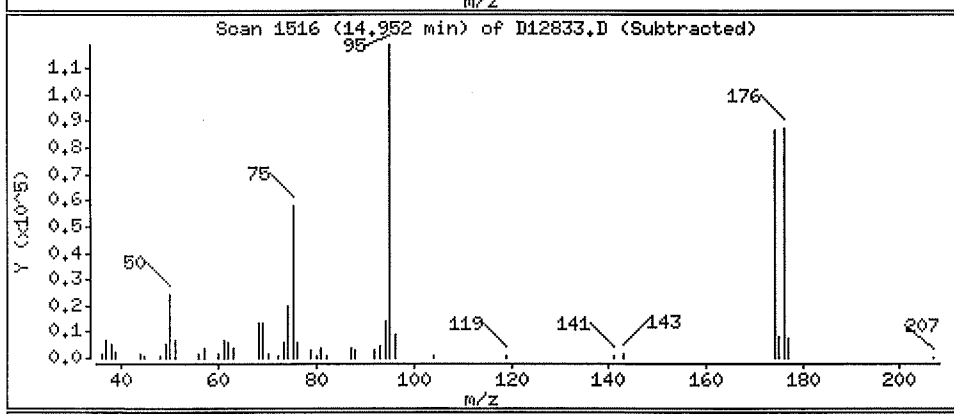
Column phase: J&W DB-624

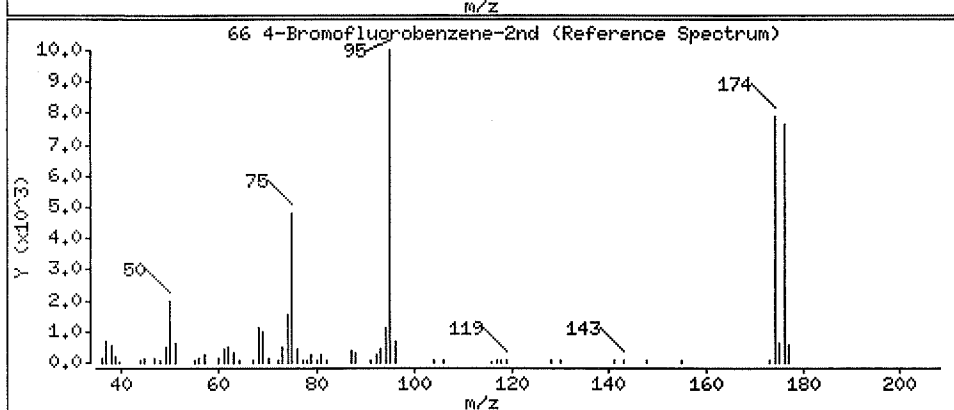
Column diameter: 0.53

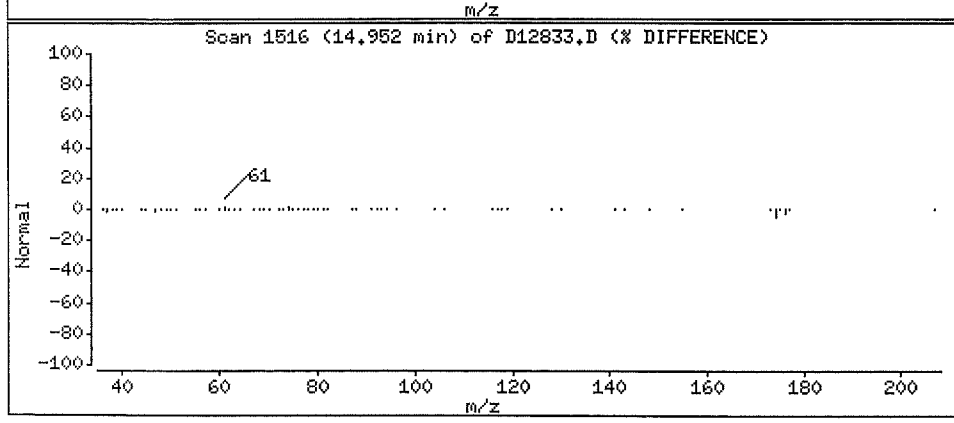
66 4-Bromofluorobenzene-2nd

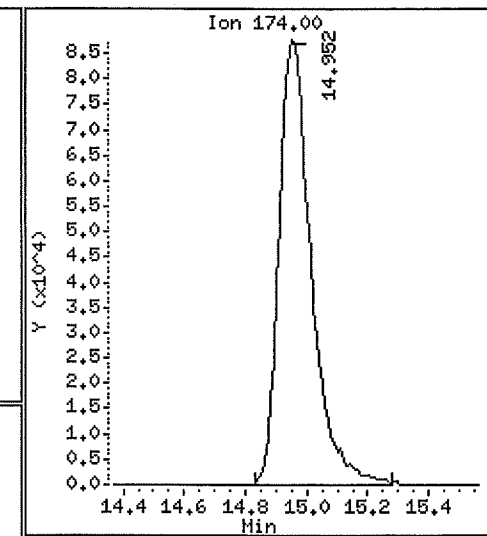
Concentration: 44.21 ug/Kg

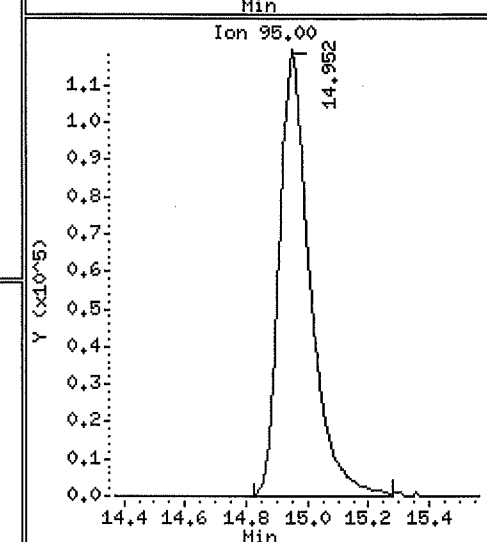


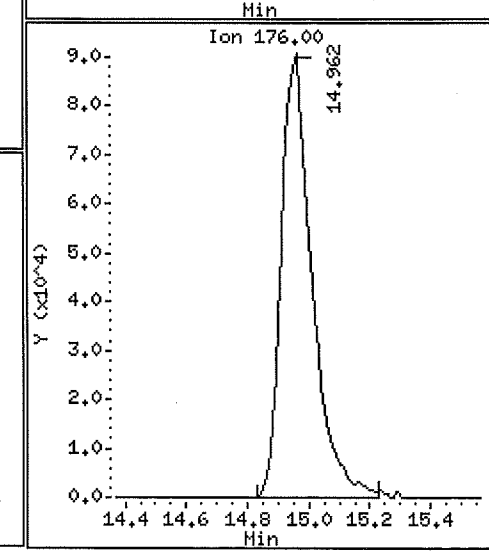












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12833.D

Date : 07-OCT-2000 19:32

Client ID: D12833

Instrument: md.i

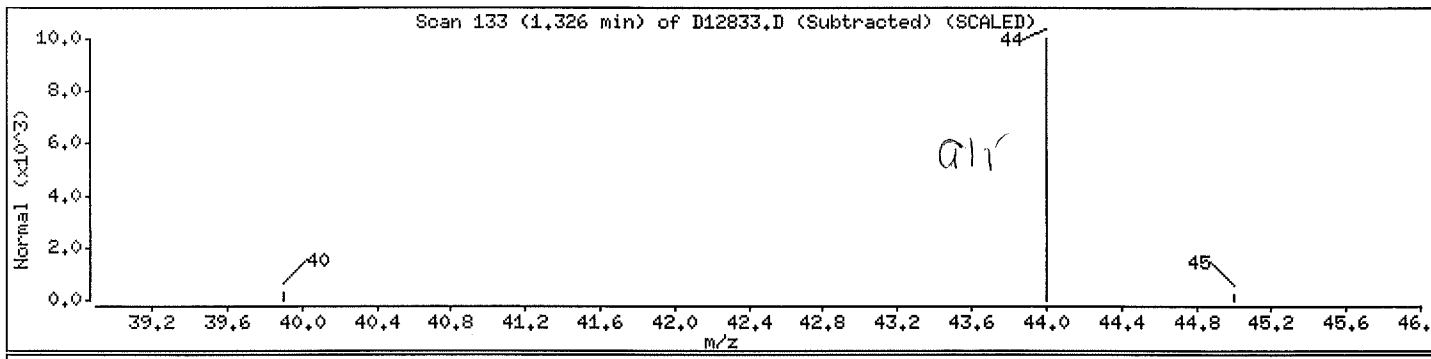
Sample Info: DLC80101,,2,,0,1,0,8260BDA,M,D12833

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12834.D
Lab Smp Id: DLC81101 Client Smp ID: D12834
Inj Date : 07-OCT-2000 20:03
Operator : AD Inst ID: md.i
Smp Info : DLC81101,,2,,0,1,0,8260BDA.M,D12834
Misc Info : E0I290371-13,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.973	5.981	(0.842)	850329	49.5124	49.51
$ 33 1,2-Dichloroethane-d4	65	6.524	6.513	(0.919)	560958	48.3910	48.39
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.513	(0.919)	105119	44.9476	44.95
* 38 Fluorobenzene	96	7.096	7.095	(1.000)	1207409	50.0000	
39 Trichloroethene	130	7.726	7.745	(1.089)	125302	11.1037	11.10
$ 47 Toluene-d8	98	9.924	9.922	(0.787)	1155155	44.5013	44.50
* 56 Chlorobenzene-d5	117	12.613	12.622	(1.000)	1121300	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.958	14.967	(0.866)	703569	44.8940	44.89
$ 67 4-Bromofluorobenzene	95	14.948	14.947	(0.865)	920764	44.0202	44.02
* 79 1,4-Dichlorobenzene-d4	152	17.273	17.262	(1.000)	787055	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12834.D
Lab Smp Id: DLC81101 Client Smp ID: D12834
Inj Date : 07-OCT-2000 20:03
Operator : AD Inst ID: md.i
Smp Info : DLC81101,,2,,0,1,0,8260BDA.M,D12834
Misc Info : E0I290371-13,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.096	2784340	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	429782	7.71783430	7.72	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC81101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12834
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown JV	1.322	7.72	J

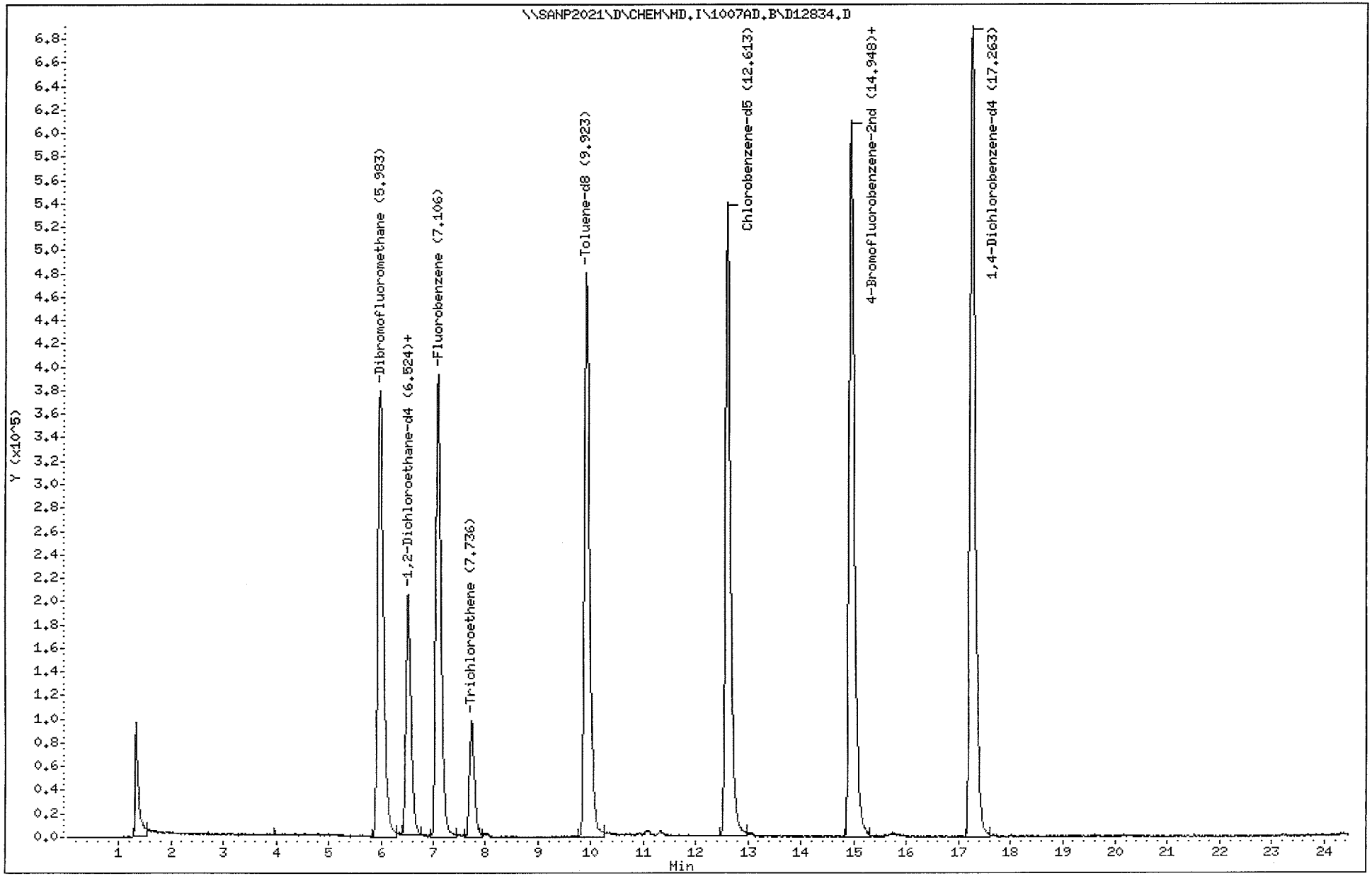
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12834.D
Date : 07-OCT-2000 20:03
Client ID: D12834
Sample Info: DLC81101,,2,,0,1,0,8260BDA.M,D12834

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000635

BOE-C6-0159054

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12834.D

Date : 07-OCT-2000 20:03

Client ID: D12834

Instrument: md.i

Sample Info: DLC81101,,2,,0,1,0,8260BDA,M,D12834

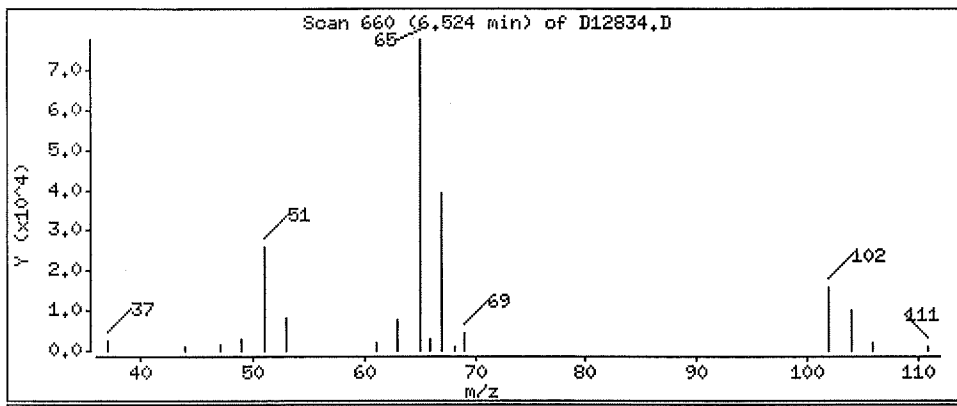
Operator: AD

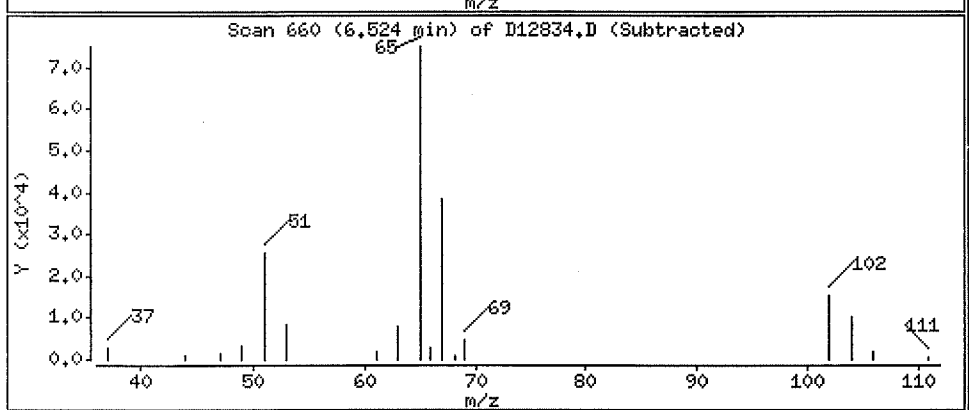
Column phase: J&W DB-624

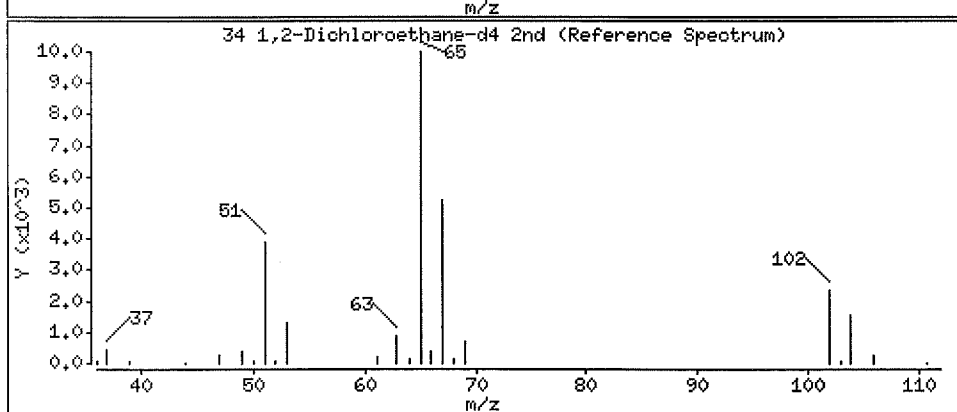
Column diameter: 0.53

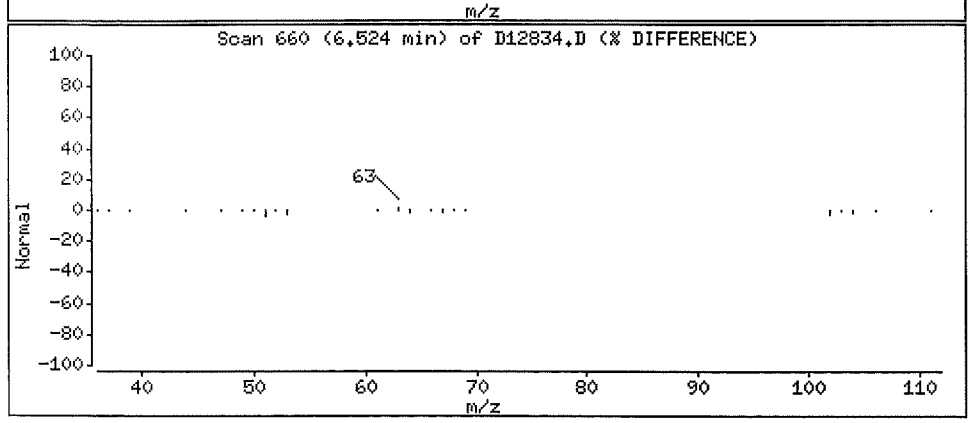
34 1,2-Dichloroethane-d4 2nd

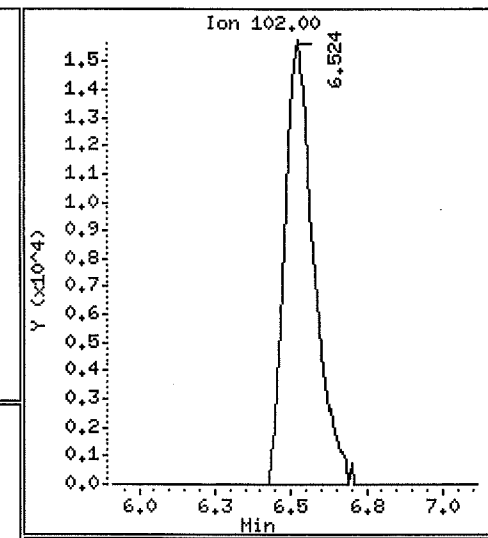
Concentration: 44.95 ug/Kg

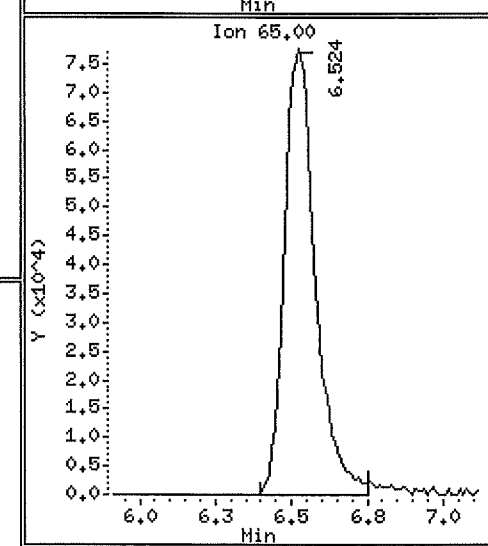












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12834.D

Date : 07-OCT-2000 20:03

Client ID: D12834

Instrument: md.i

Sample Info: DLC81101,,2,,0,1,0,8260BDA.M,D12834

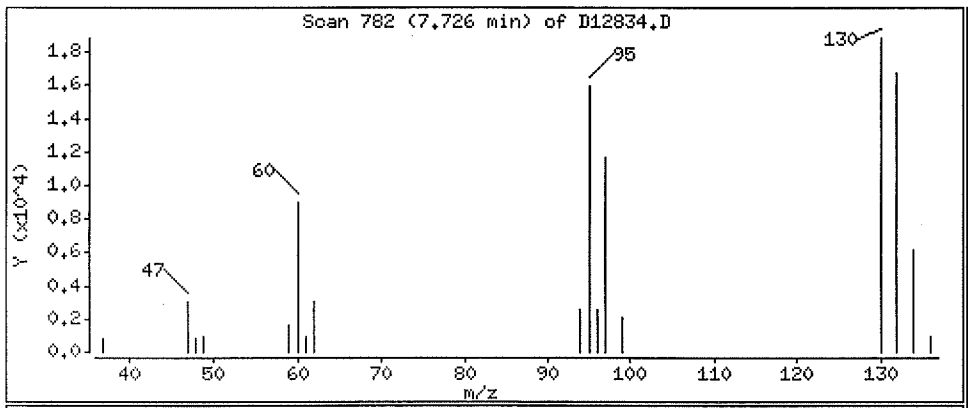
Operator: AD

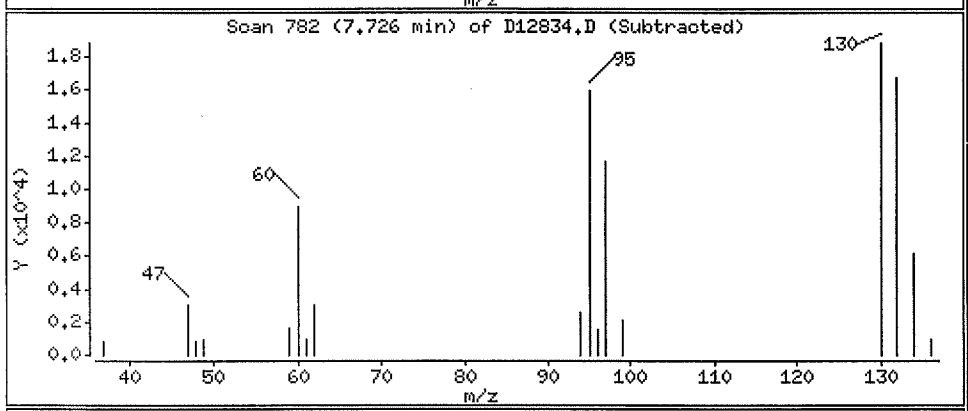
Column phase: J&W DB-624

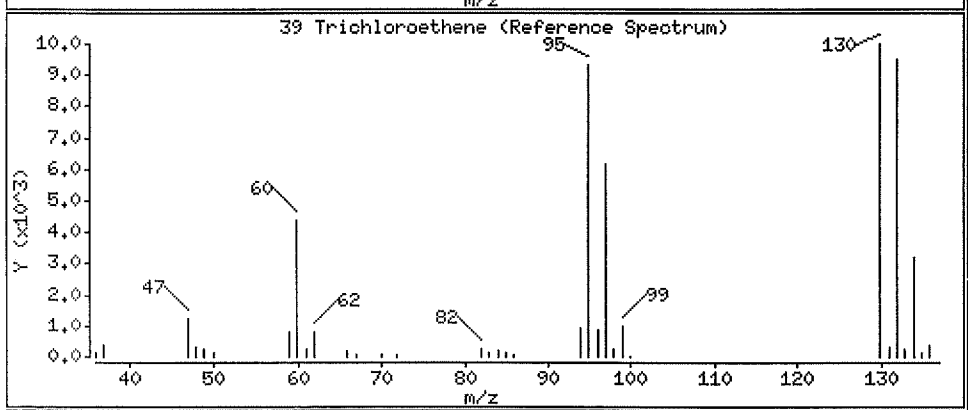
Column diameter: 0.53

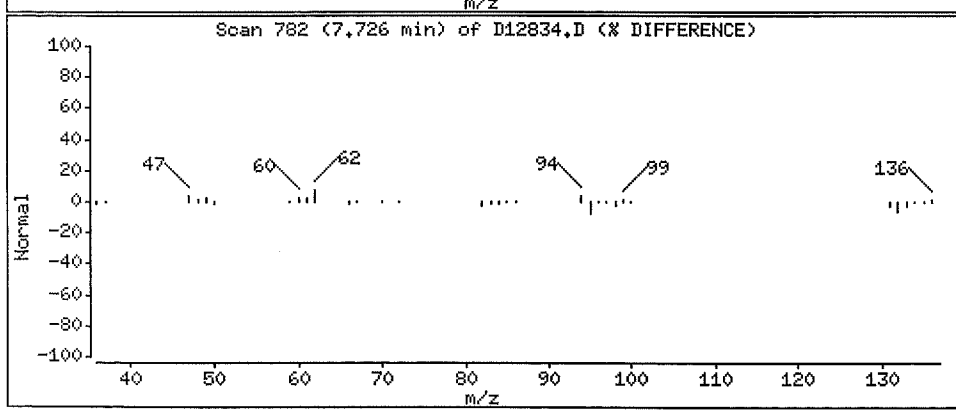
39 Trichloroethene

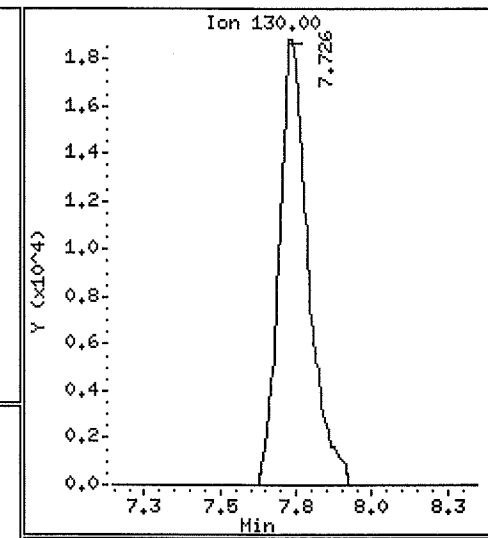
Concentration: 11.10 ug/Kg

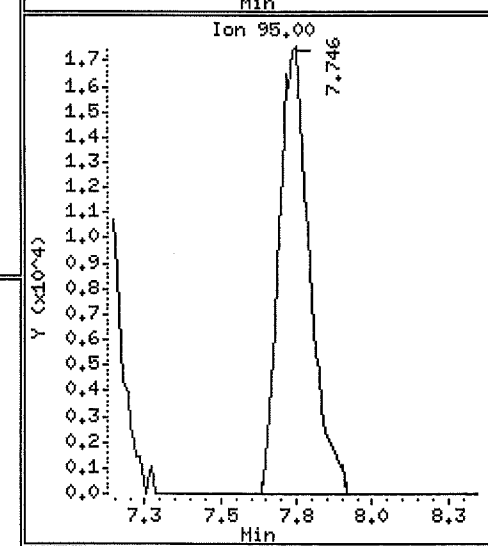


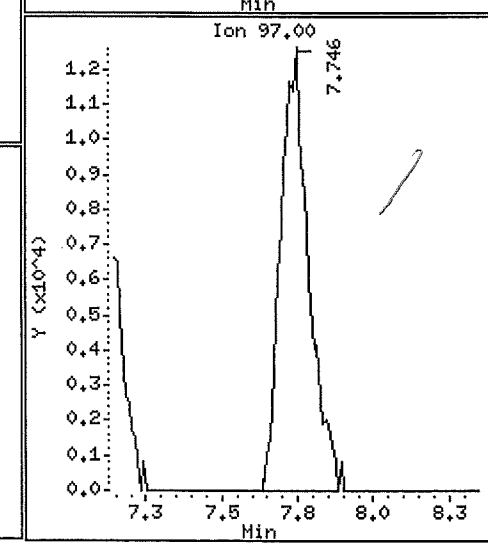












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12834.D

Date : 07-OCT-2000 20:03

Client ID: D12834

Instrument: md.i

Sample Info: DLC81101,,2,,0,1,0,8260BDA.M,D12834

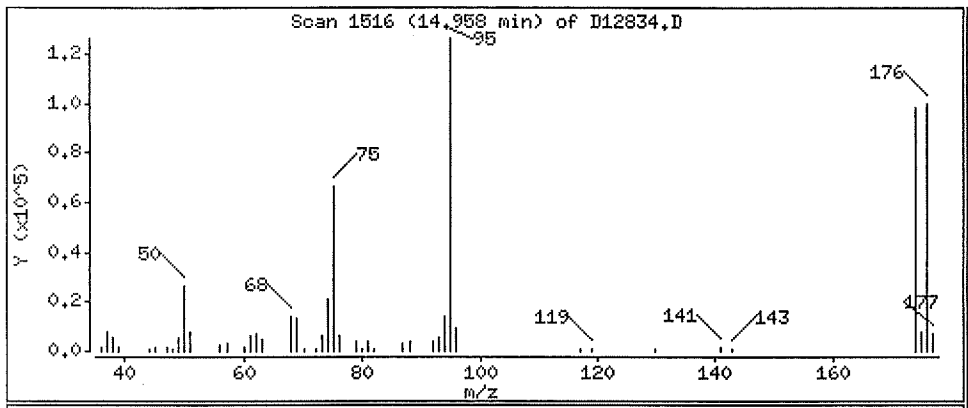
Operator: AD

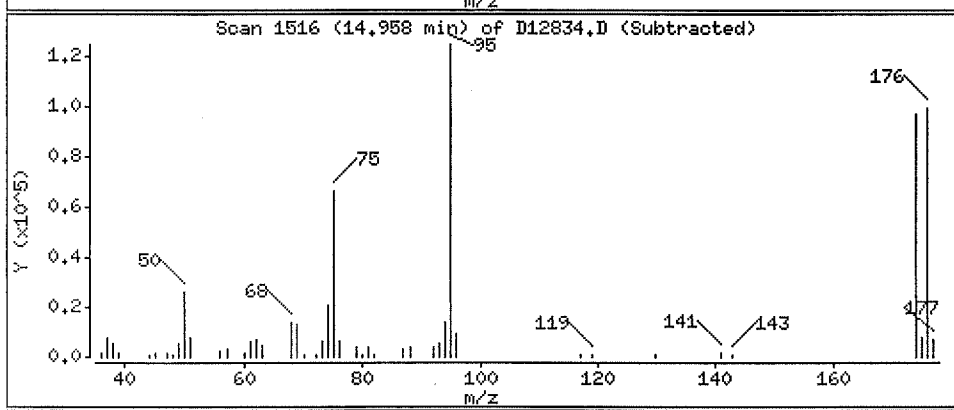
Column phase: J&W DB-624

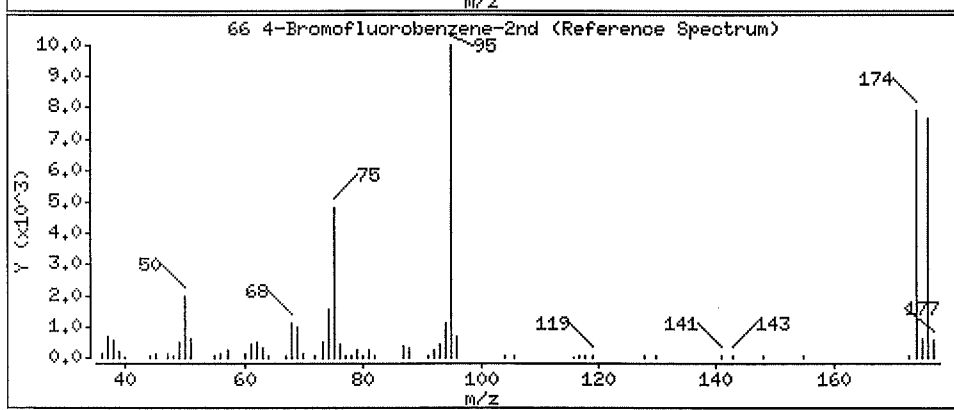
Column diameter: 0.53

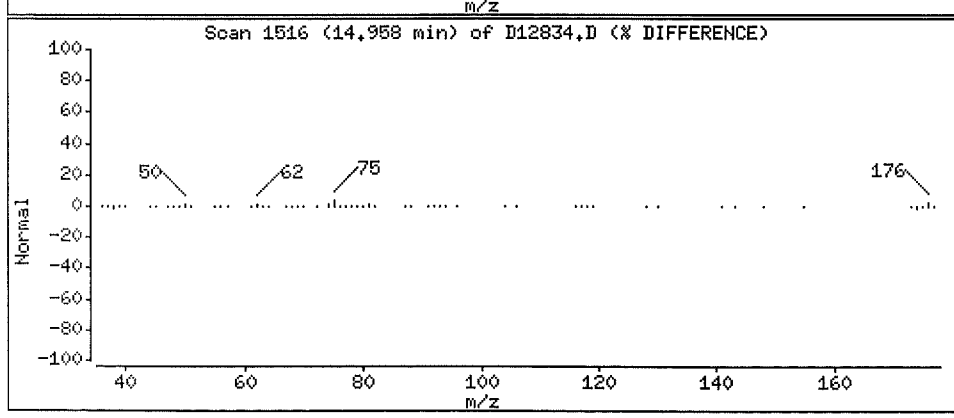
66 4-Bromofluorobenzene-2nd

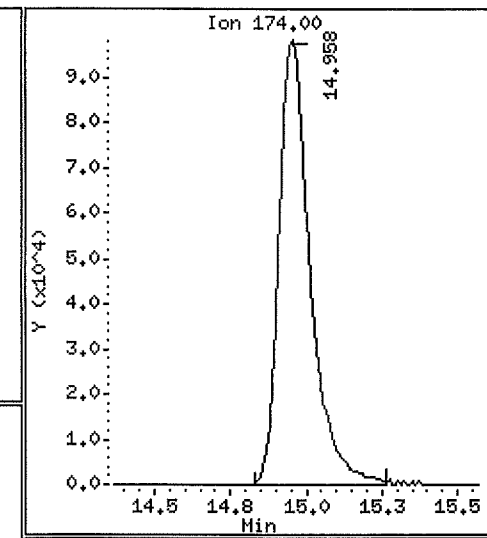
Concentration: 44.89 ug/Kg

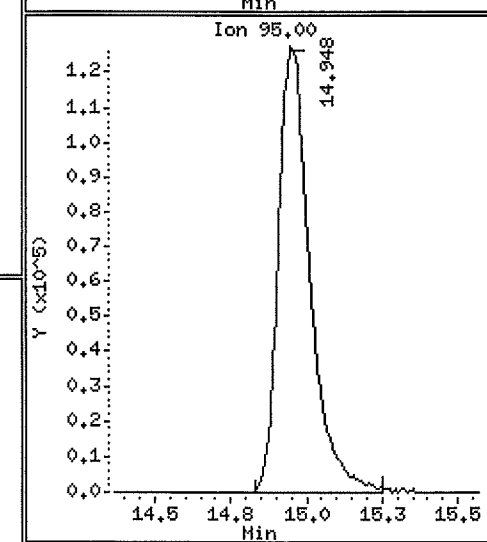


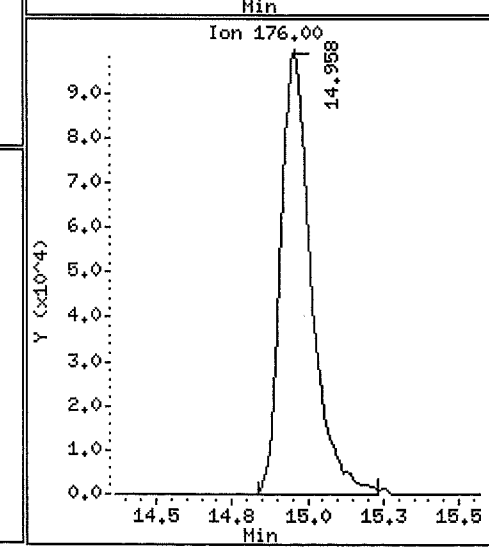












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12834.D

Date : 07-OCT-2000 20:03

Client ID: D12834

Instrument: md.i

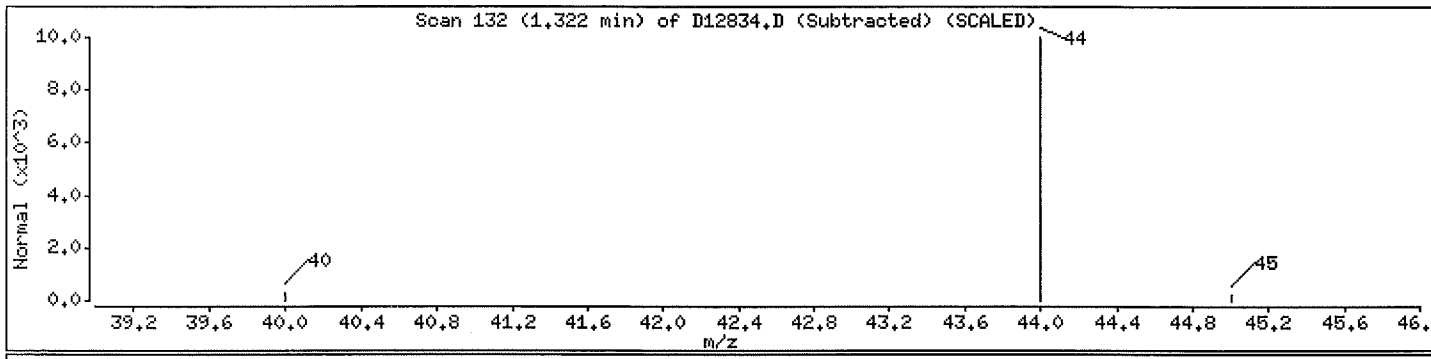
Sample Info: DLC81101,,2,,0,1,0,8260BDA.M,D12834

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12835.D
Lab Smp Id: DLC82101 Client Smp ID: D12835
Inj Date : 07-OCT-2000 20:35
Operator : AD Inst ID: md.i
Smp Info : DLC82101,,2,,0,1,0,8260BDA.M,D12835
Misc Info : E0I290371-14,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.986	5.981	(0.843)	838596	50.4437	50.44
$ 33 1,2-Dichloroethane-d4	65	6.518	6.513	(0.918)	546377	48.6916	48.69
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.513	(0.920)	105239	46.4868	46.49
* 38 Fluorobenzene	96	7.099	7.095	(1.000)	1168763	50.0000	
39 Trichloroethene	130	7.740	7.745	(1.090)	83486	7.64280	7.64
$ 47 Toluene-d8	98	9.927	9.922	(0.787)	1143720	44.5711	44.57
* 56 Chlorobenzene-d5	117	12.617	12.622	(1.000)	1108462	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.967	(0.866)	709313	44.4387	44.44
$ 67 4-Bromofluorobenzene	95	14.961	14.947	(0.867)	927807	43.5516	43.55
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.262	(1.000)	801609	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12835.D
Lab Smp Id: DLC82101 Client Smp ID: D12835
Inj Date : 07-OCT-2000 20:35
Operator : AD Inst ID: md.i
Smp Info : DLC82101,,2,,0,1,0,8260BDA.M,D12835
Misc Info : E0I290371-14,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.099	2717832	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	441538	8.12298442	8.12	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC82101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12835
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.326	8.12	J

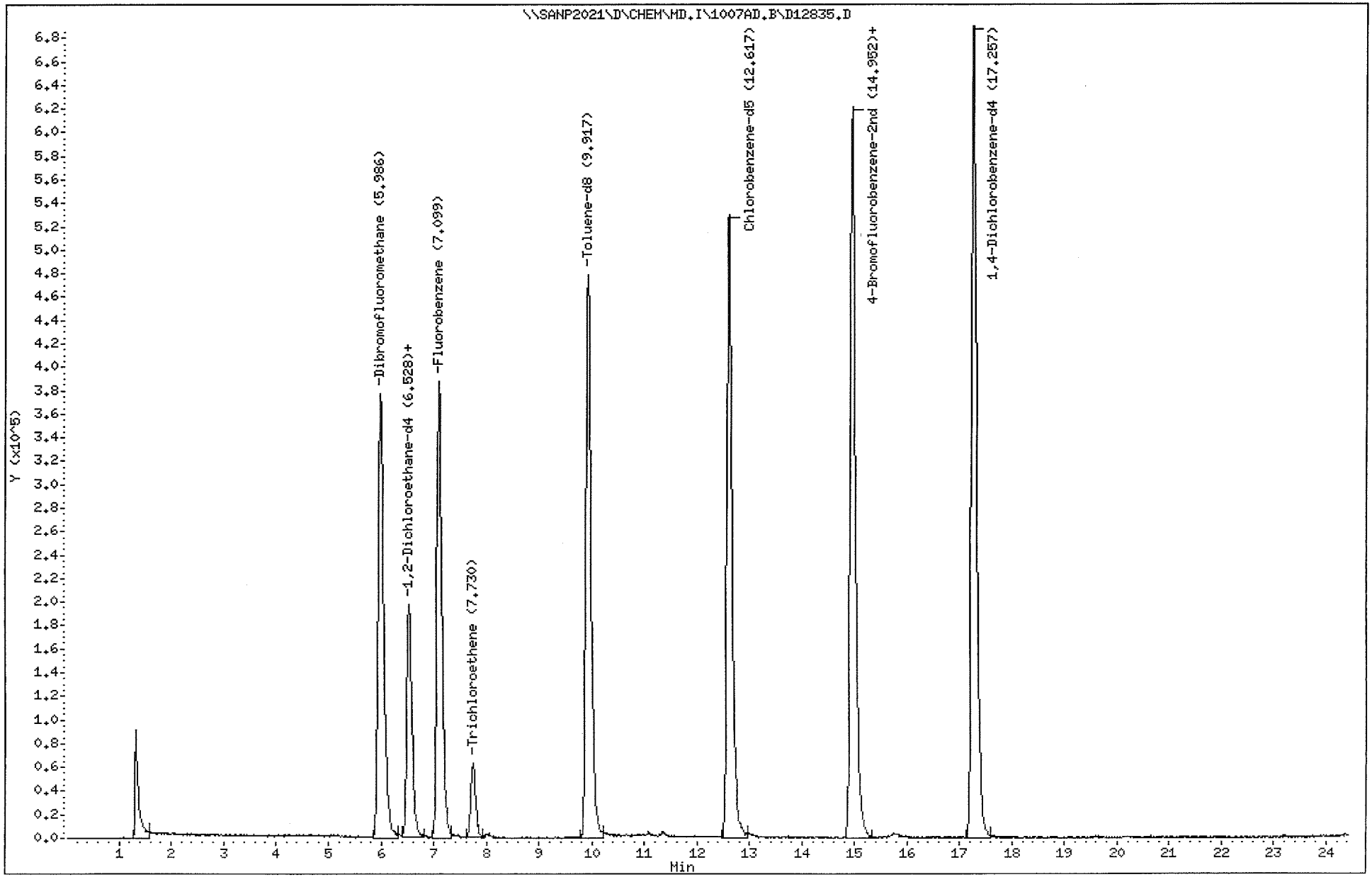
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12835.D
Date : 07-OCT-2000 20:35
Client ID: D12835
Sample Info: DLC82101,,2,,0,1,0,8260BDA.M,D12835

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000644

BOE-C6-0159063

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12835.D

Date : 07-OCT-2000 20:35

Client ID: D12835

Instrument: md.i

Sample Info: DLC82101,,2,,0,1,0,8260BDA.M,D12835

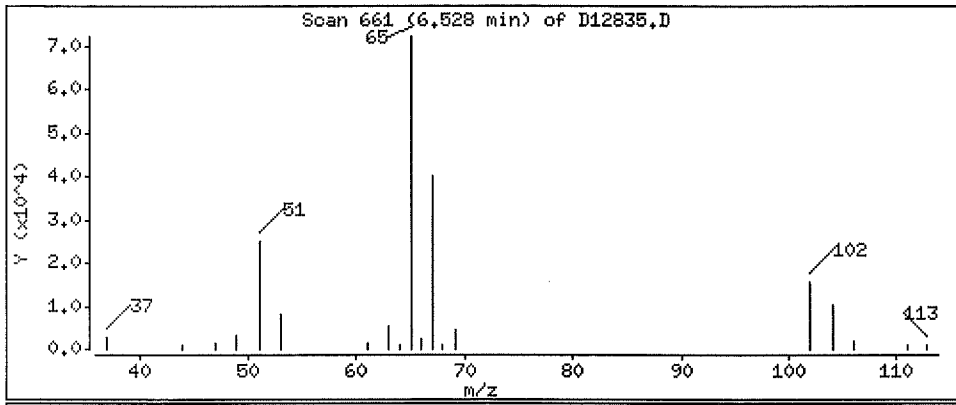
Operator: AD

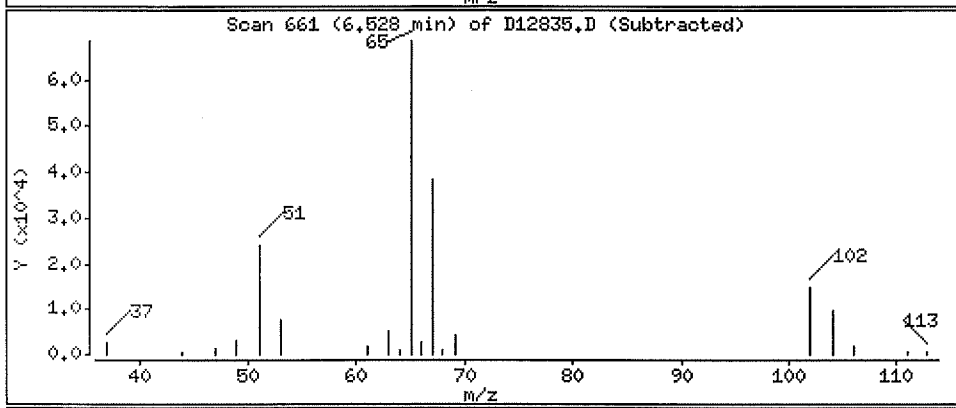
Column phase: J&W DB-624

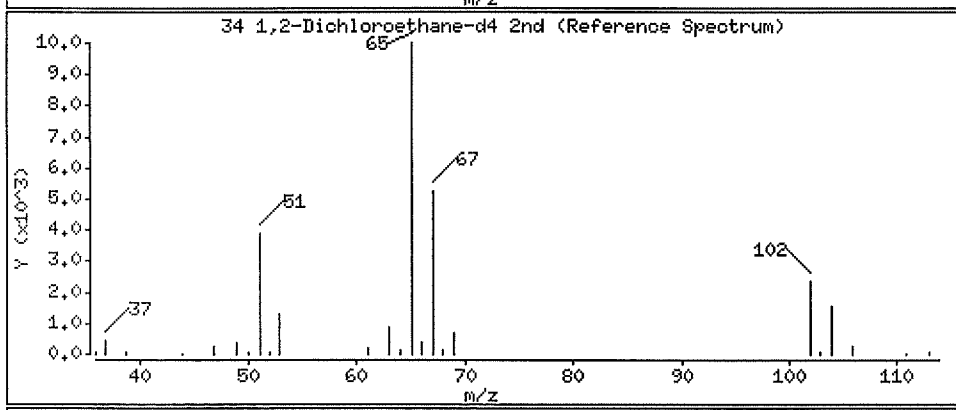
Column diameter: 0.53

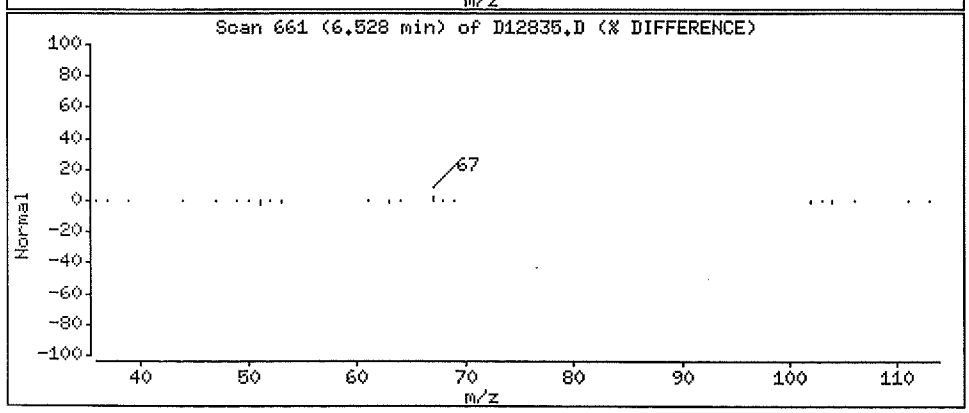
34 1,2-Dichloroethane-d4 2nd

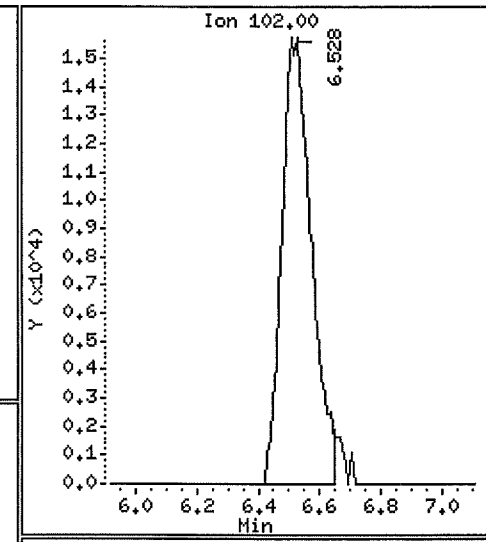
Concentration: 46.49 ug/Kg

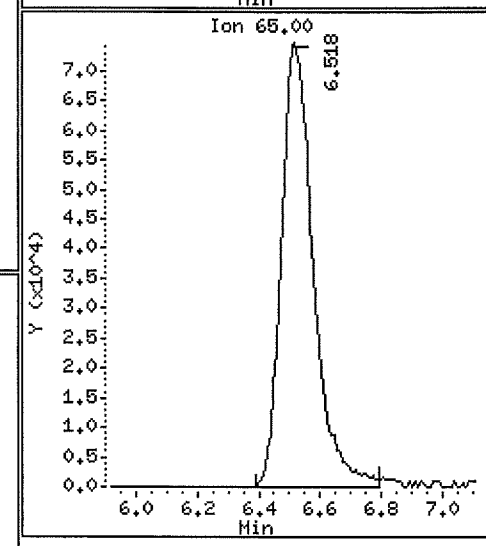












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12835.D

Date : 07-OCT-2000 20:35

Client ID: D12835

Instrument: md.i

Sample Info: DLC82101,,2,,0,1,0,8260BDA.M,D12835

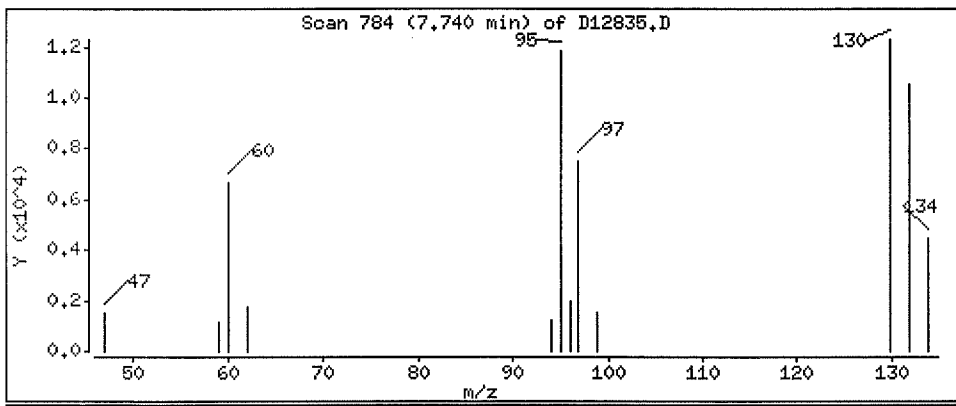
Operator: AD

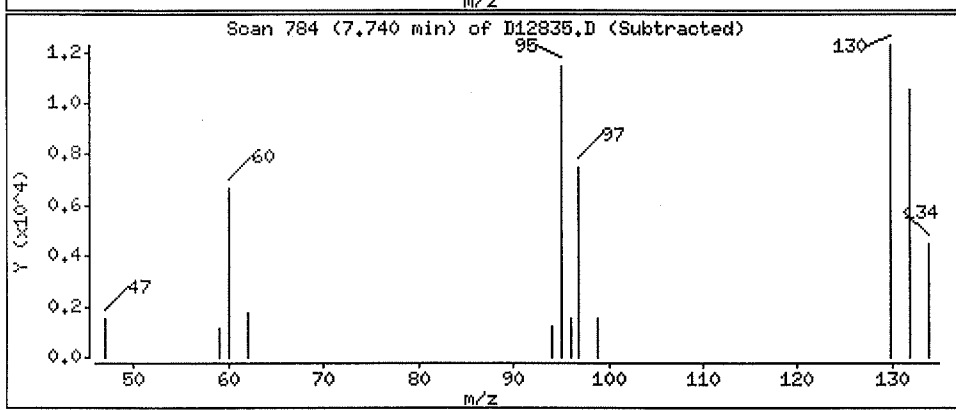
Column phase: J&W DB-624

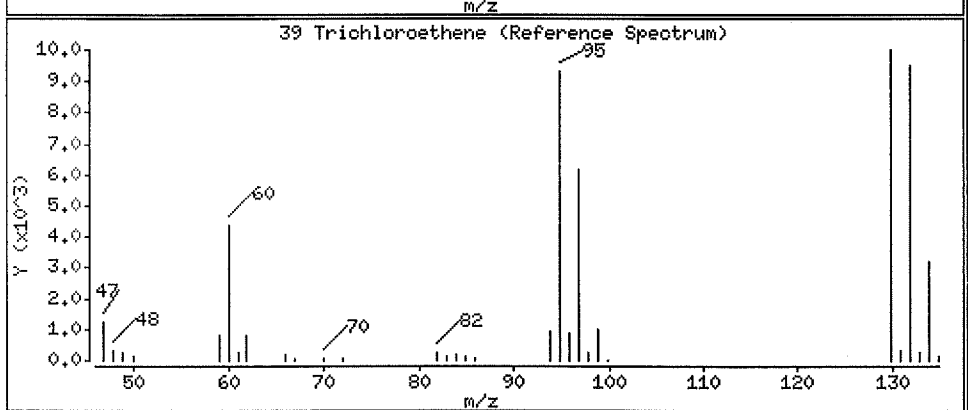
Column diameter: 0.53

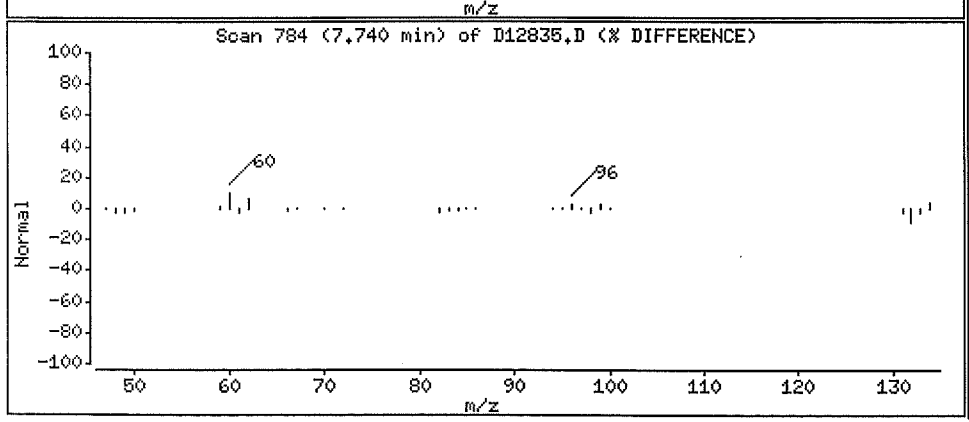
39 Trichloroethene

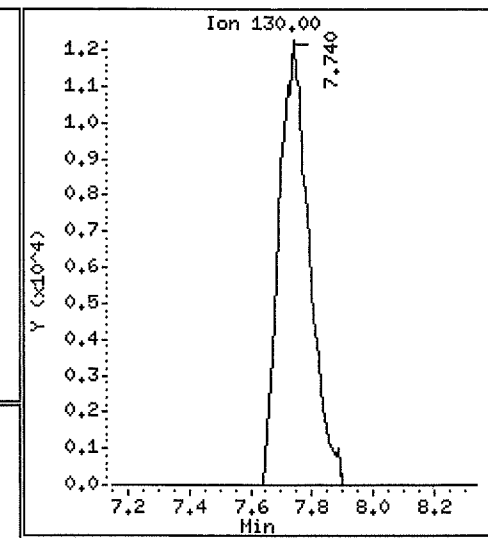
Concentration: 7.64 ug/Kg

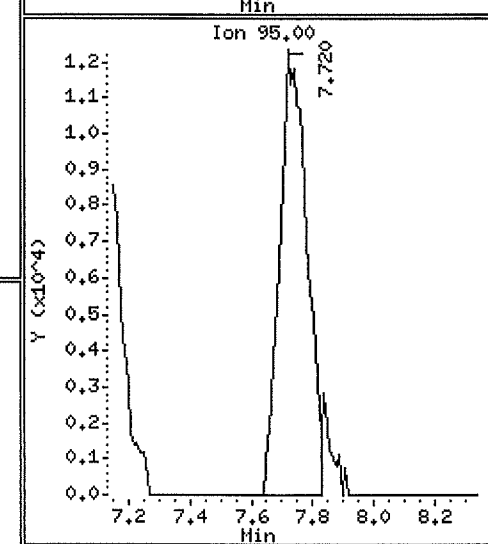


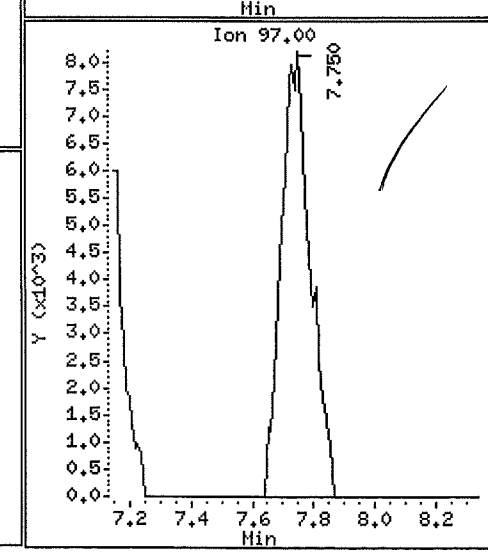












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12835.D

Date : 07-OCT-2000 20:35

Client ID: D12835

Instrument: md.i

Sample Info: DLC82101,,2,,0,1,0,8260BDA.M,D12835

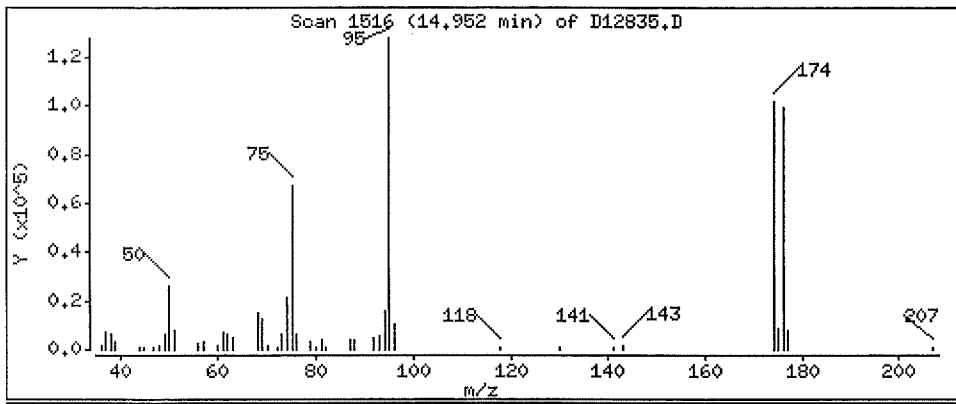
Operator: AD

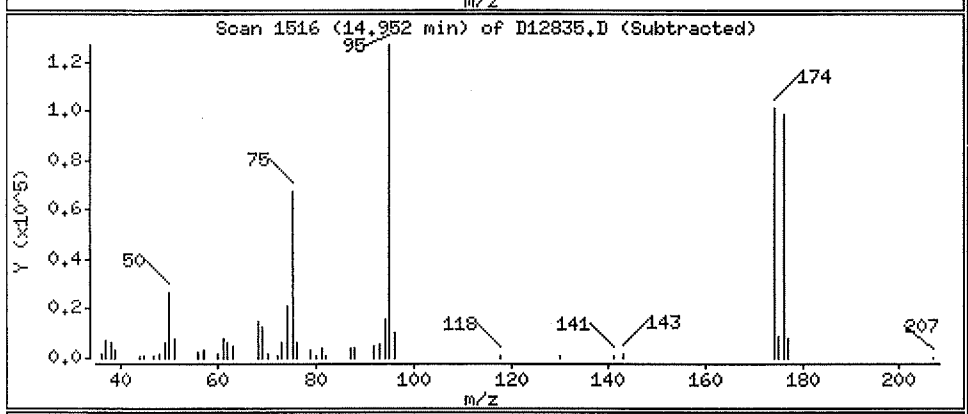
Column phase: J&W DB-624

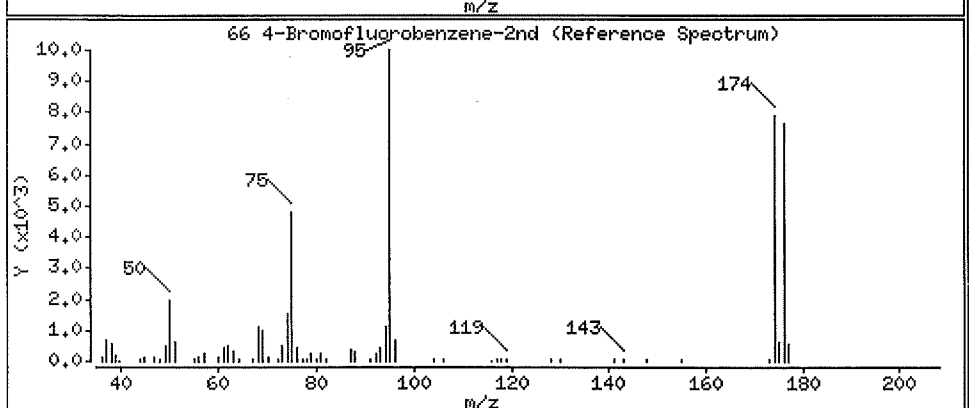
Column diameter: 0.53

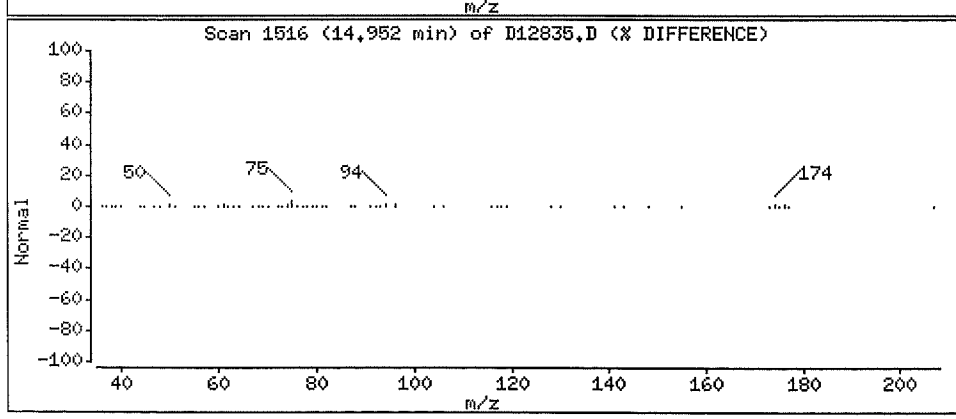
66 4-Bromofluorobenzene-2nd

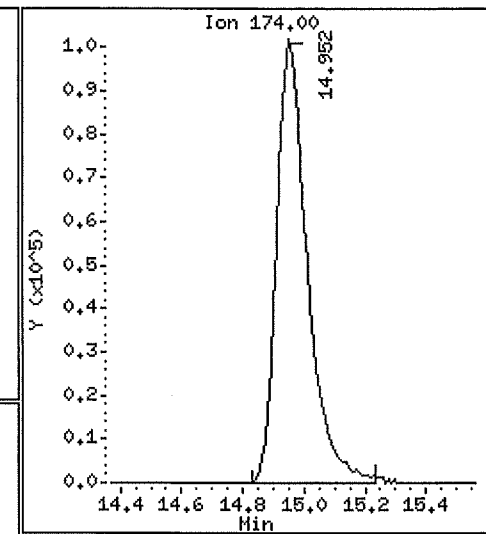
Concentration: 44.44 ug/Kg

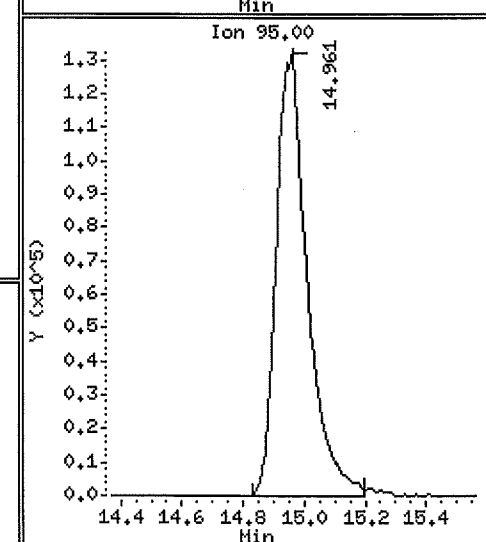


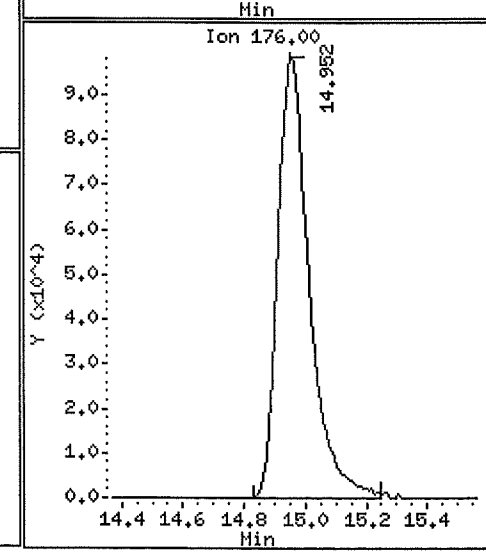












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12835.D

Date : 07-OCT-2000 20:35

Client ID: D12835

Instrument: md.i

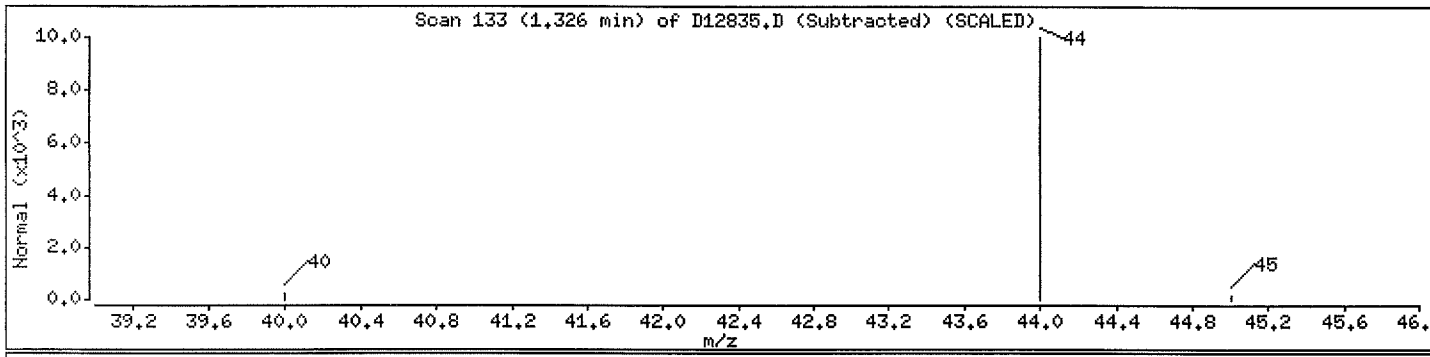
Sample Info: DLC82101,,2,,0,1,0,8260BDA.M,D12835

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12836.D
Lab Smp Id: DLC83101 Client Smp ID: D12836
Inj Date : 07-OCT-2000 21:07
Operator : AD Inst ID: md.i
Smp Info : DLC83101,,2,,0,1,0,8260BDA.M,D12836
Misc Info : E0I290371-15,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.989	5.981	(0.844)	889111	50.5487	50.55
$ 33 1,2-Dichloroethane-d4	65	6.521	6.513	(0.919)	611000	51.4639	51.46
34 1,2-Dichloroethane-d4 2nd	102	6.521	6.513	(0.919)	78088	32.6013	32.60(Q)
* 38 Fluorobenzene	96	7.092	7.095	(1.000)	1236593	50.0000	
39 Trichloroethene	130	7.723	7.745	(1.089)	106172	9.18639	9.19
$ 47 Toluene-d8	98	9.920	9.922	(0.787)	1191151	43.9643	43.96
* 56 Chlorobenzene-d5	117	12.610	12.622	(1.000)	1170364	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.954	14.967	(0.866)	755837	44.7908	44.79
$ 67 4-Bromofluorobenzene	95	14.954	14.947	(0.866)	986488	43.8001	43.80
* 79 1,4-Dichlorobenzene-d4	152	17.270	17.262	(1.000)	847472	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12836.D
Lab Smp Id: DLC83101 Client Smp ID: D12836
Inj Date : 07-OCT-2000 21:07
Operator : AD Inst ID: md.i
Smp Info : DLC83101,,2,,0,1,0,8260BDA.M,D12836
Misc Info : E0I290371-15,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.092	2829094	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.319	455646	8.05285763	8.05	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC83101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12836
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown UV	1.319	8.05	J

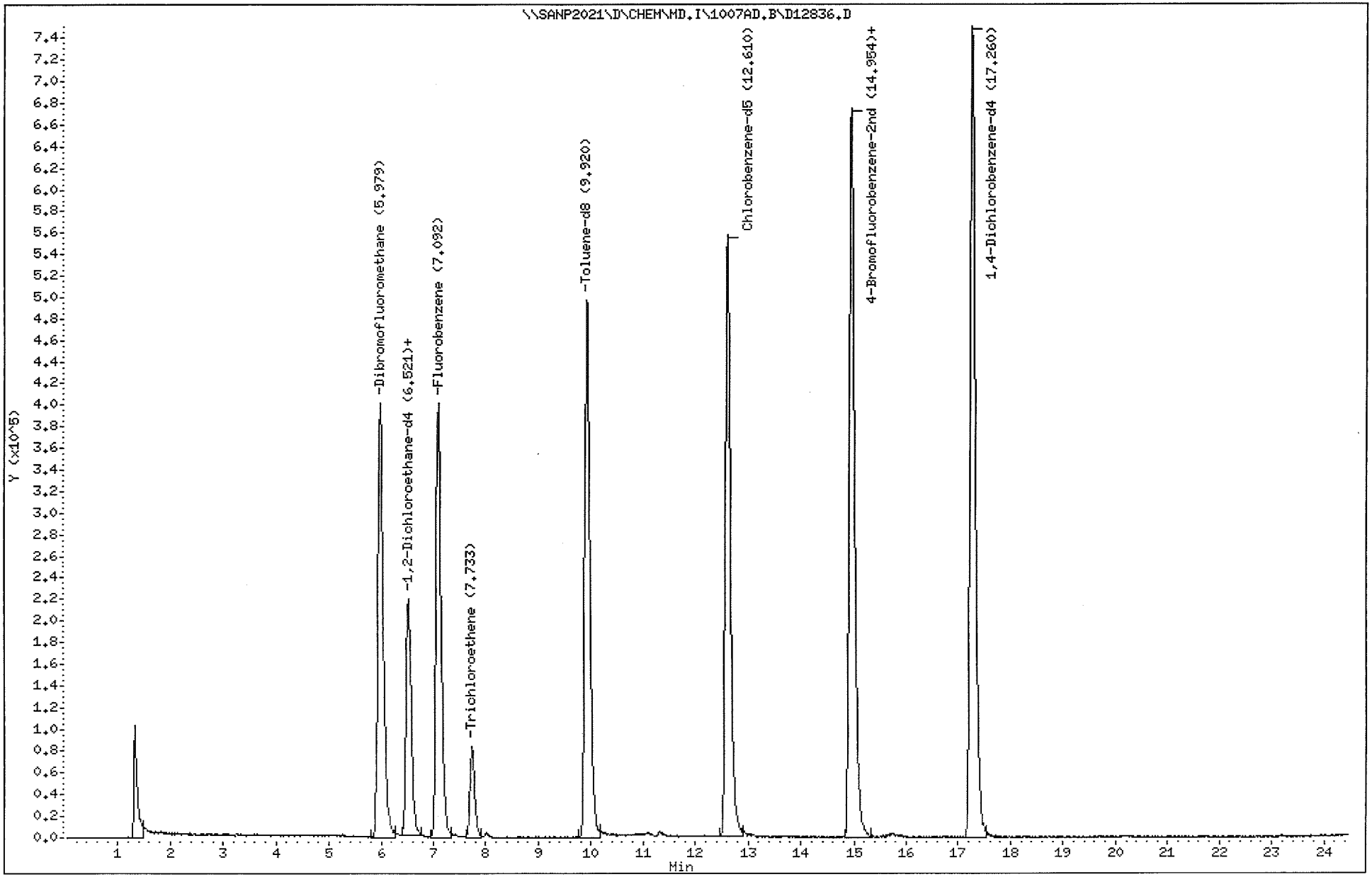
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12836.D
Date : 07-OCT-2000 21:07
Client ID: D12836
Sample Info: DLC83101,,2,,0,1,0,8260BDA.M,D12836

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159072

000653

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12836.D

Date : 07-OCT-2000 21:07

Client ID: D12836

Instrument: md.i

Sample Info: DLC83101,,2,,0,1,0,8260BDA,M,D12836

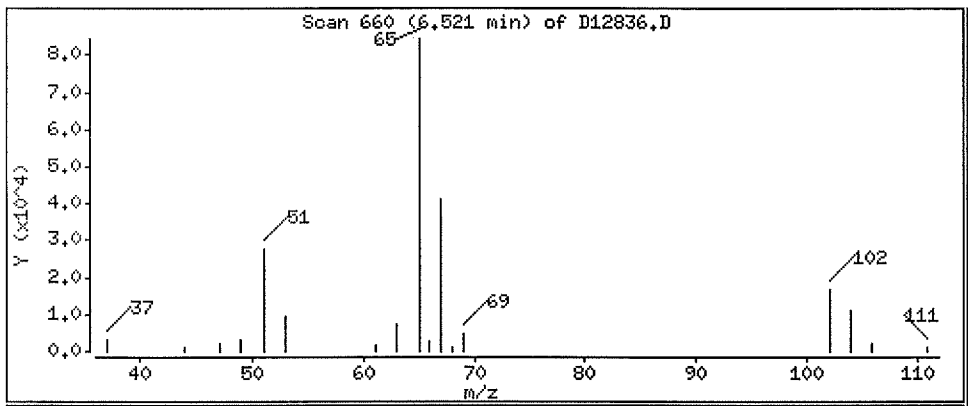
Operator: AD

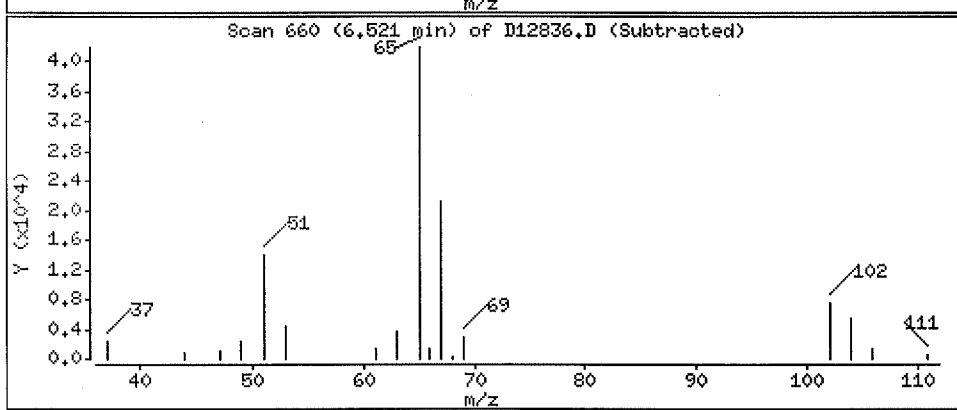
Column phase: J&W DB-624

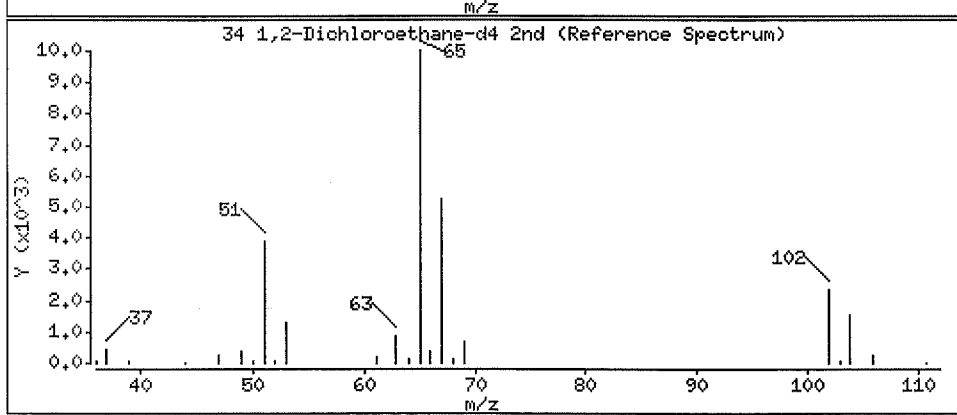
Column diameter: 0.53

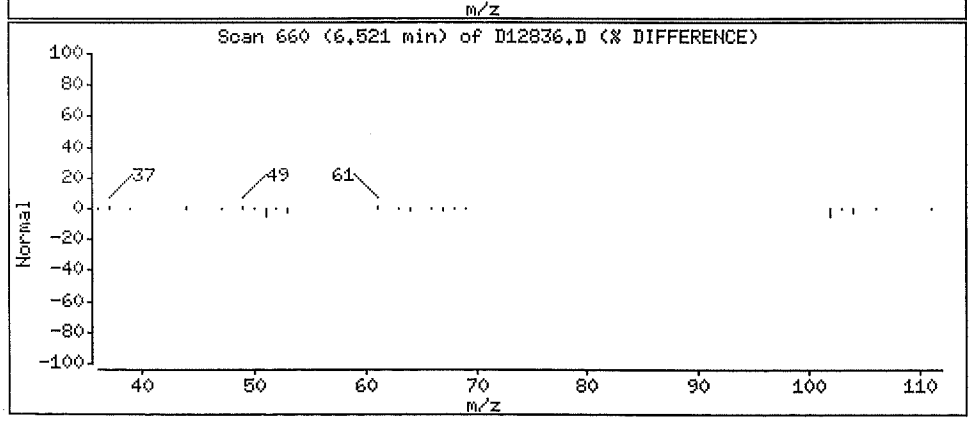
34 1,2-Dichloroethane-d4 2nd

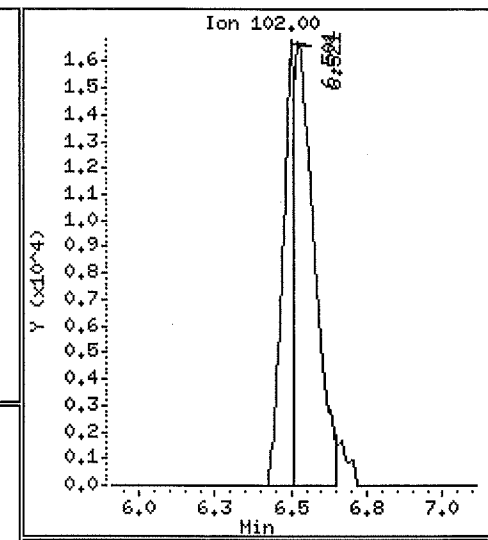
Concentration: 32.60 ug/Kg

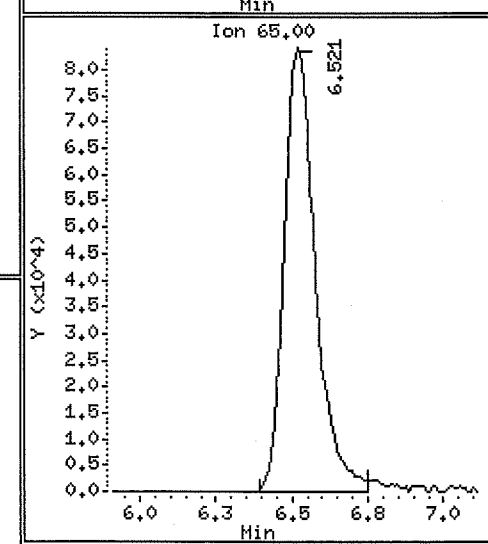












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12836.D

Date : 07-OCT-2000 21:07

Client ID: D12836

Instrument: md.i

Sample Info: DLC83101,,2,,0,1,0,8260BDA.M,D12836

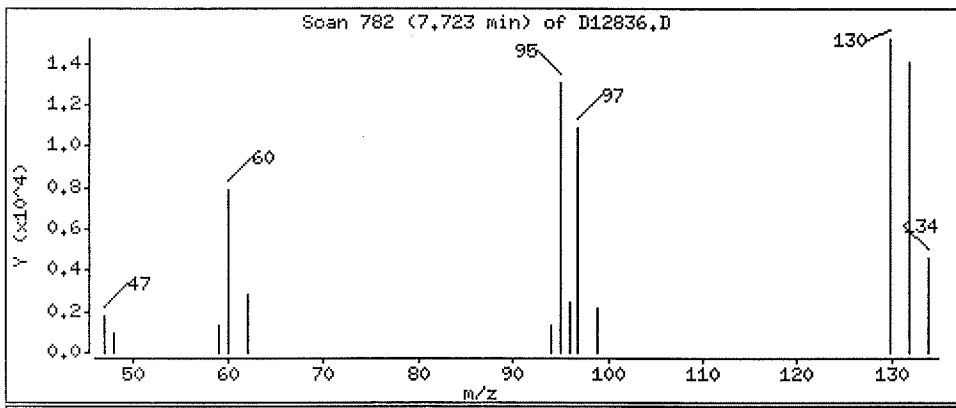
Operator: AD

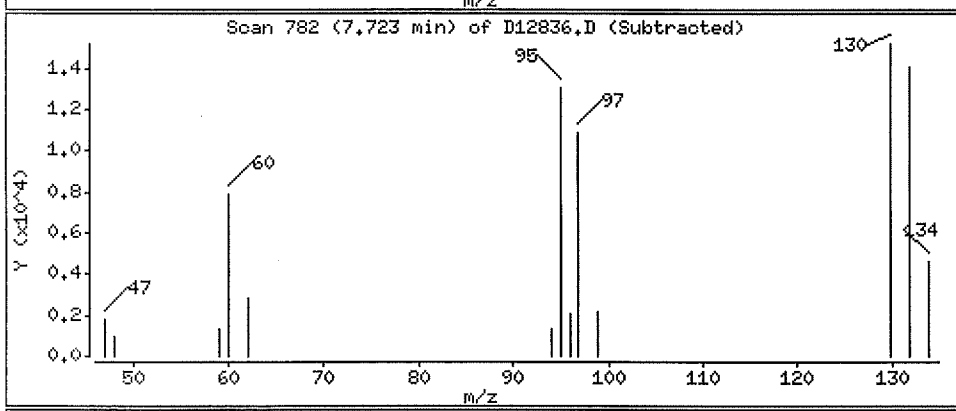
Column phase: J&W DB-624

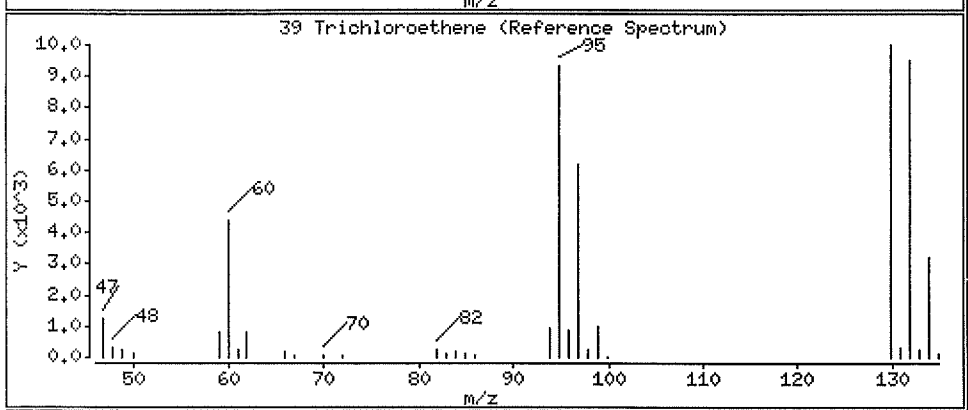
Column diameter: 0.53

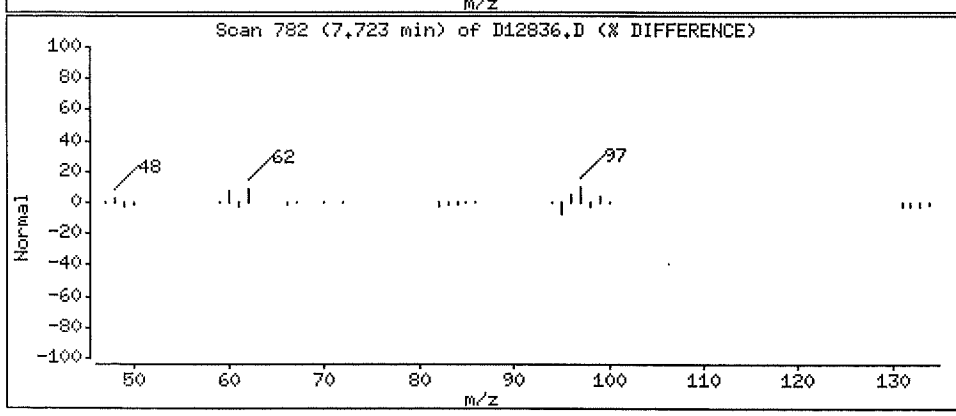
39 Trichloroethene

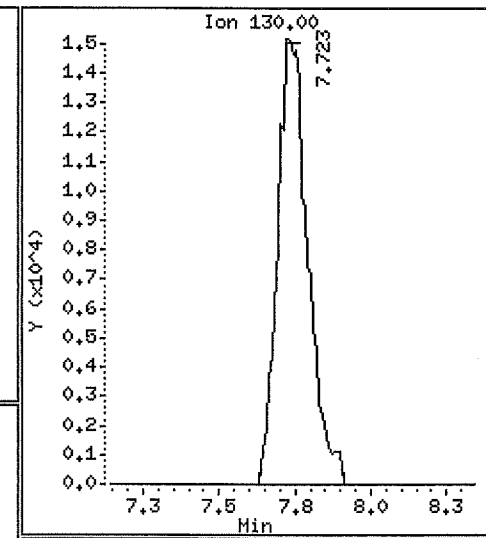
Concentration: 9.19 ug/Kg

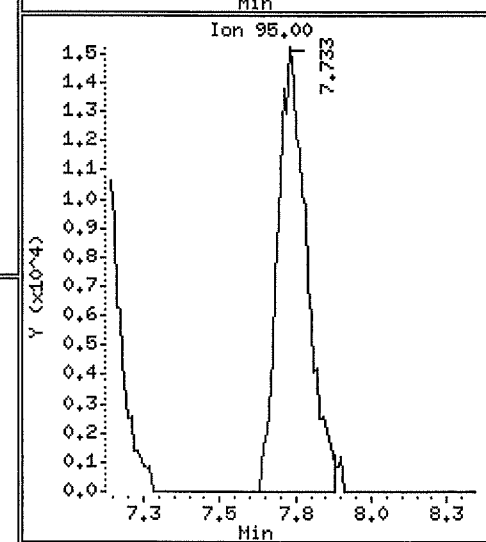


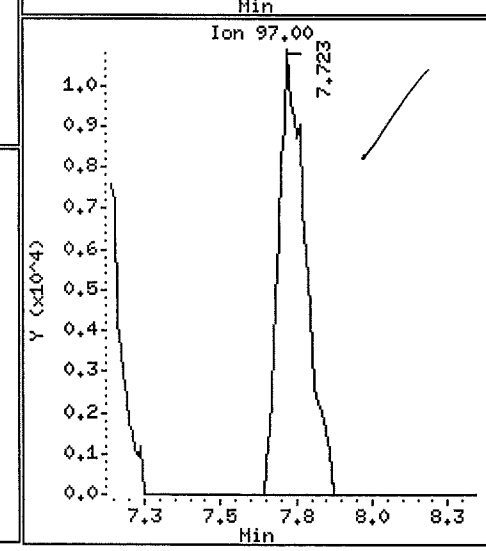












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12836.D

Date : 07-OCT-2000 21:07

Client ID: D12836

Instrument: md.i

Sample Info: DLC83101,,2,,0,1,0,8260BDA.M,D12836

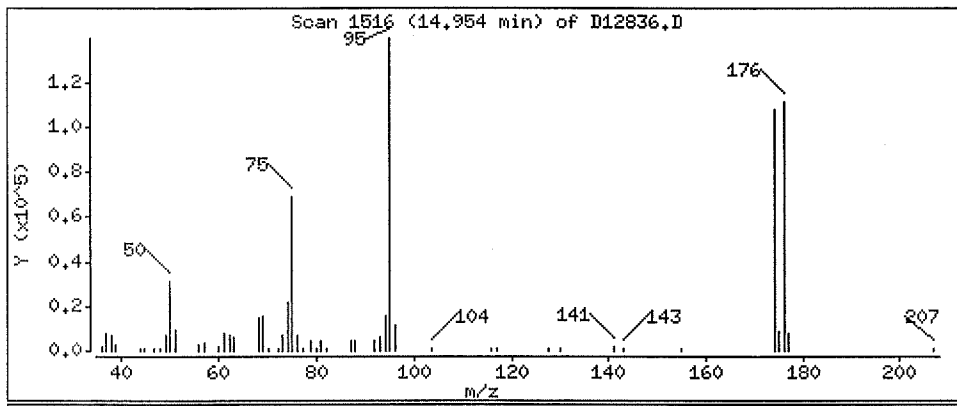
Operator: AD

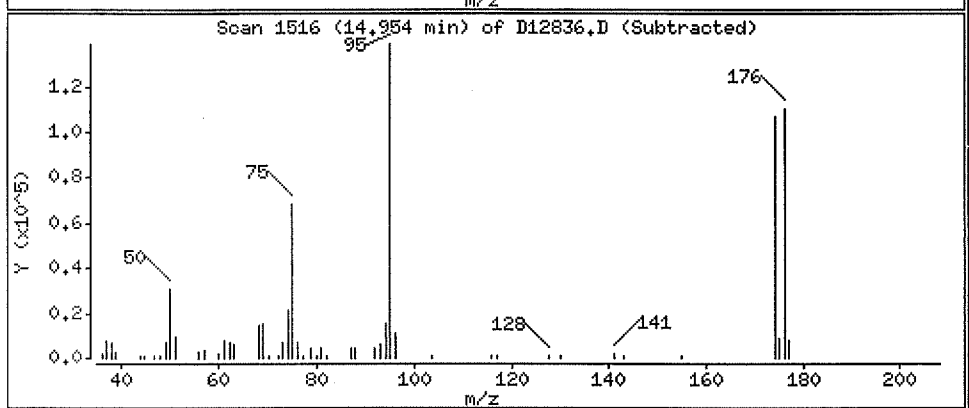
Column phase: J&W DB-624

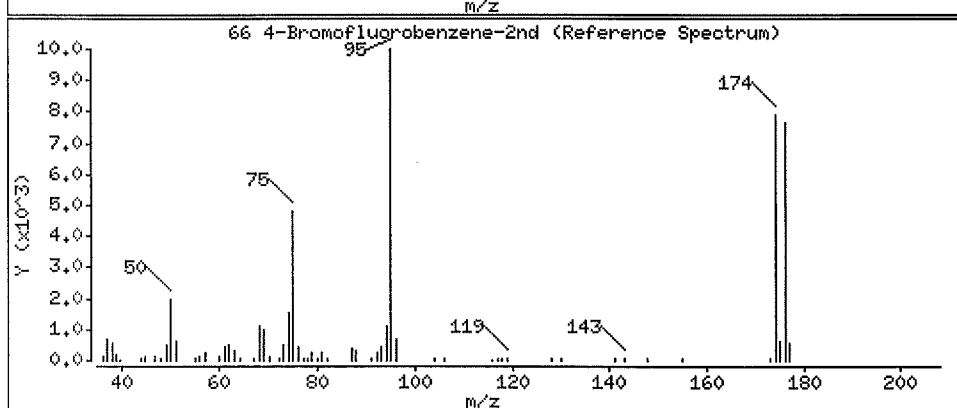
Column diameter: 0.53

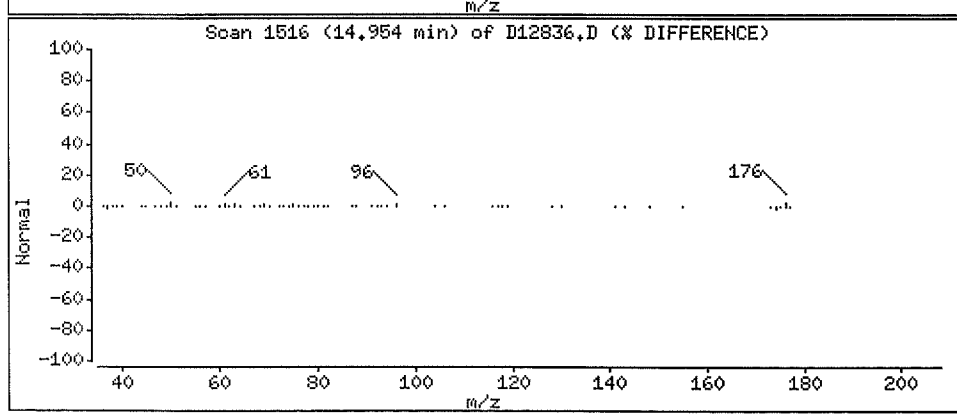
66 4-Bromofluorobenzene-2nd

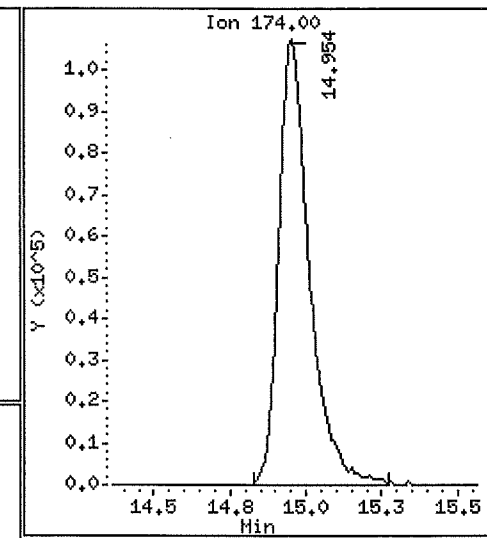
Concentration: 44.79 ug/Kg

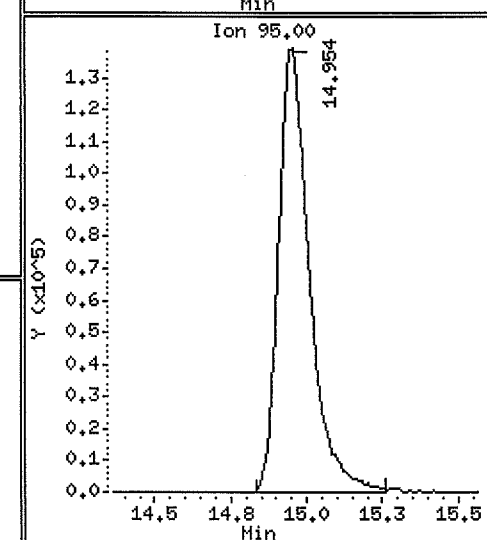


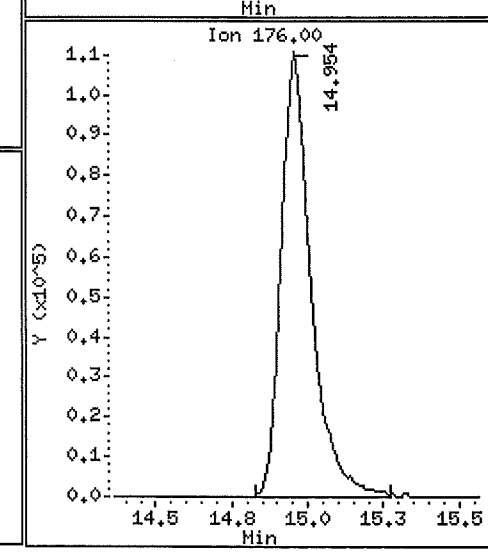












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12836.D

Date : 07-OCT-2000 21:07

Client ID: D12836

Instrument: md.i

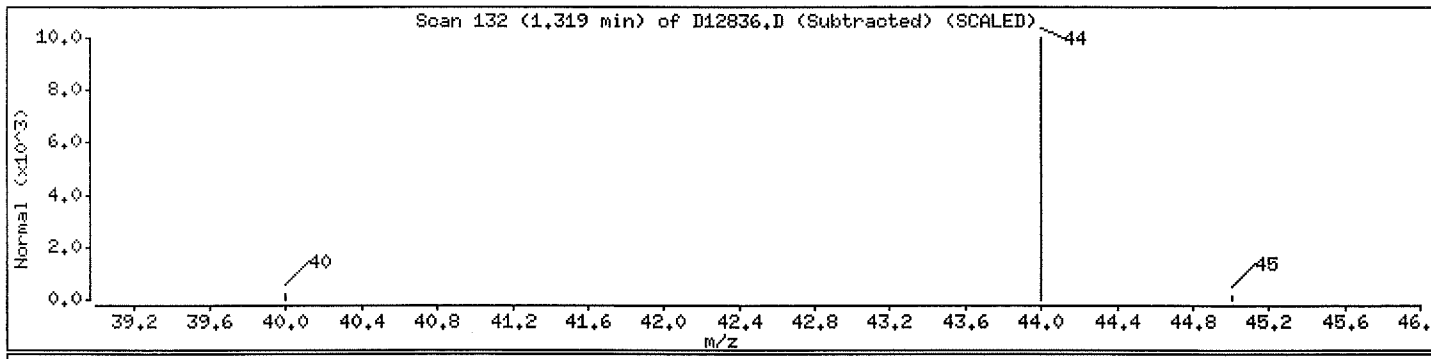
Sample Info: DLC83101,,2,,0,1,0,8260BDA.M,D12836

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12837.D
Lab Smp Id: DLC84101 Client Smp ID: D12837
Inj Date : 07-OCT-2000 21:39
Operator : AD Inst ID: md.i
Smp Info : DLC84101,,2,,0,1,0,8260BDA.M,D12837
Misc Info : E0I290371-16,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.979	5.981	(0.842)	833647	50.6312	50.63
$ 33 1,2-Dichloroethane-d4	65	6.520	6.513	(0.918)	538427	48.4473	48.45
34 1,2-Dichloroethane-d4 2nd	102	6.520	6.513	(0.918)	107499	47.9445	47.94
* 38 Fluorobenzene	96	7.102	7.095	(1.000)	1157565	50.0000	
39 Trichloroethene	130	7.732	7.745	(1.089)	284612	26.3069	26.31
$ 47 Toluene-d8	98	9.919	9.922	(0.787)	1112938	43.9112	43.91
* 56 Chlorobenzene-d5	117	12.609	12.622	(1.000)	1094839	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.954	14.967	(0.866)	685259	44.4690	44.47
$ 67 4-Bromofluorobenzene	95	14.944	14.947	(0.866)	902724	43.8914	43.89
* 79 1,4-Dichlorobenzene-d4	152	17.259	17.262	(1.000)	773899	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12837.D
Lab Smp Id: DLC84101 Client Smp ID: D12837
Inj Date : 07-OCT-2000 21:39
Operator : AD Inst ID: md.i
Smp Info : DLC84101,,2,,0,1,0,8260BDA.M,D12837
Misc Info : E0I290371-16,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.102	2662041	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	480569	9.02632949	9.03	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC84101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12837
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown 02	1.318	9.03	J

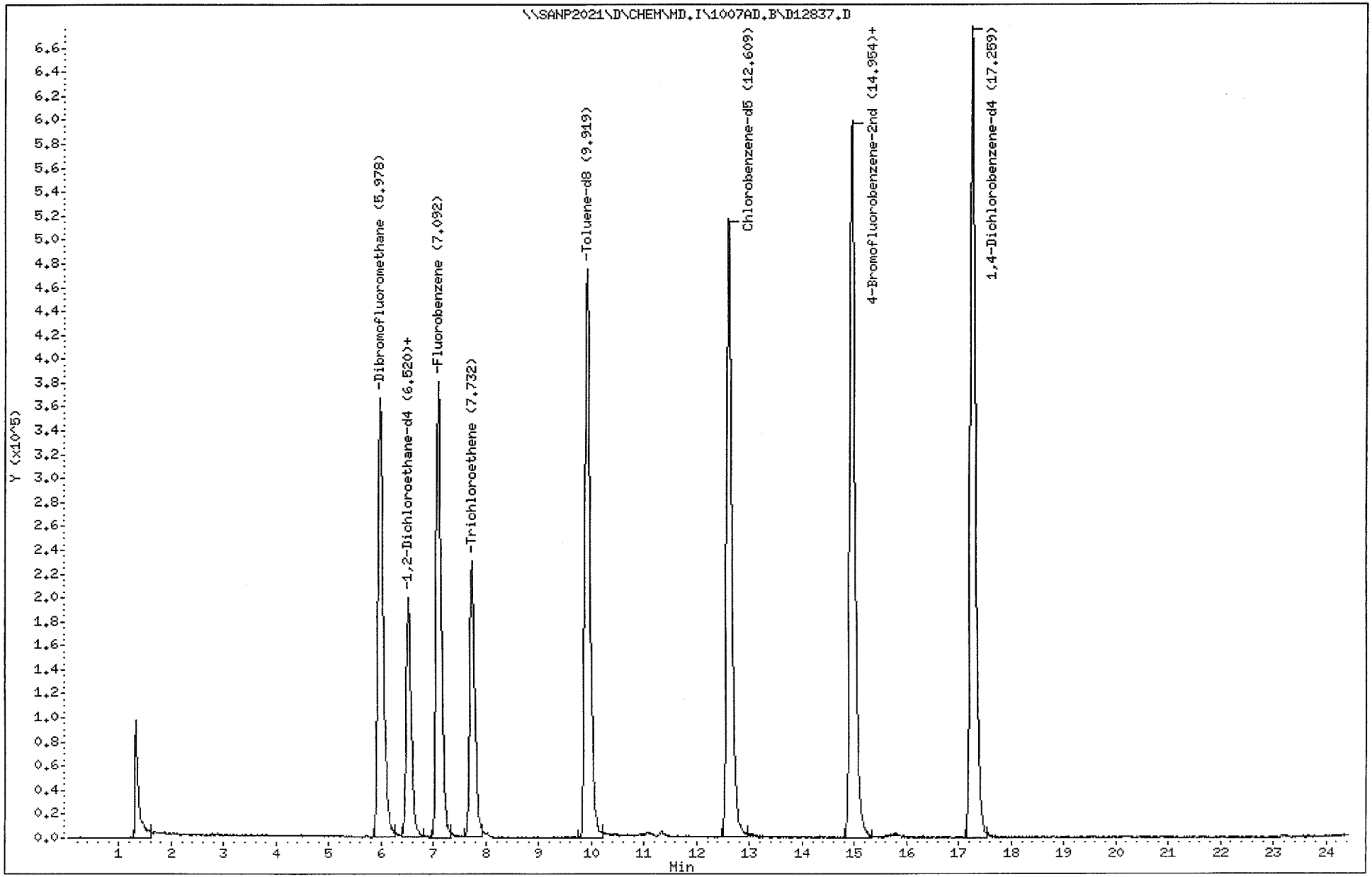
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12837.D
Date : 07-OCT-2000 21:39
Client ID: D12837
Sample Info: DLC84101,,2,,0,1,0,8260BDA.M,D12837

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159081

000662

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12837.D

Date : 07-OCT-2000 21:39

Client ID: D12837

Instrument: md.i

Sample Info: DLC84101,,2,,0,1,0,8260BDA.M,D12837

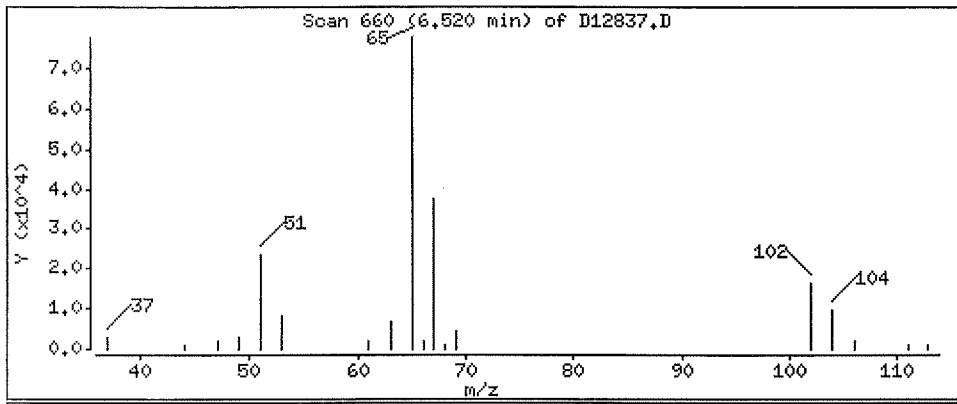
Operator: AD

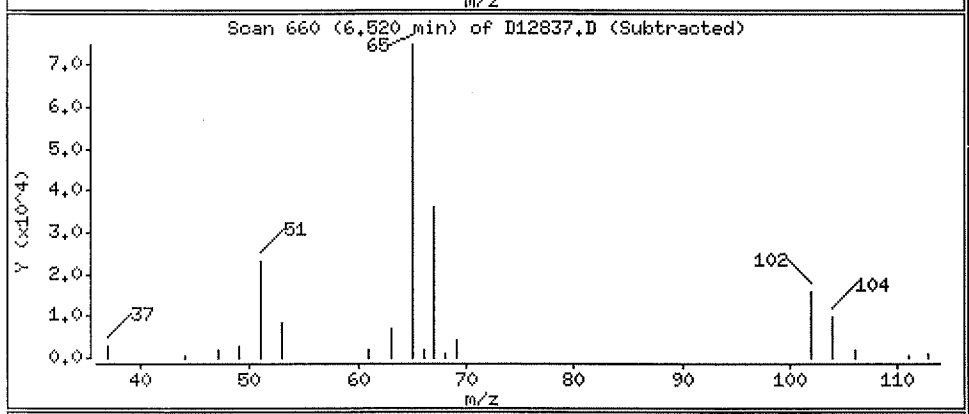
Column phase: J&W DB-624

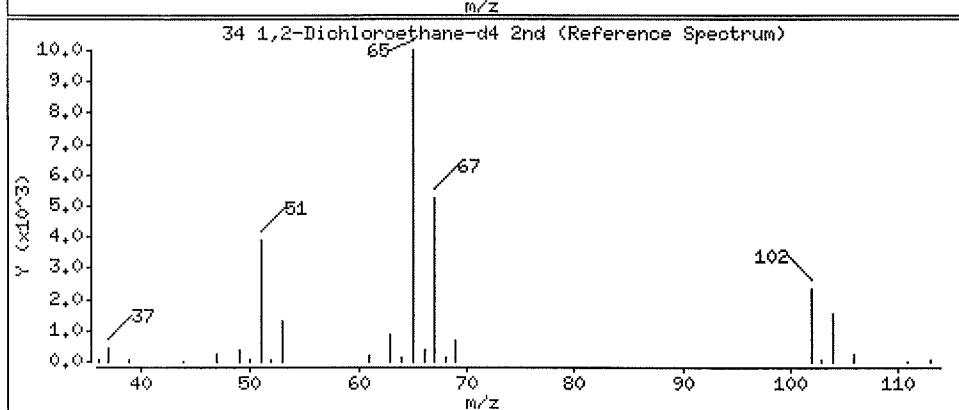
Column diameter: 0.53

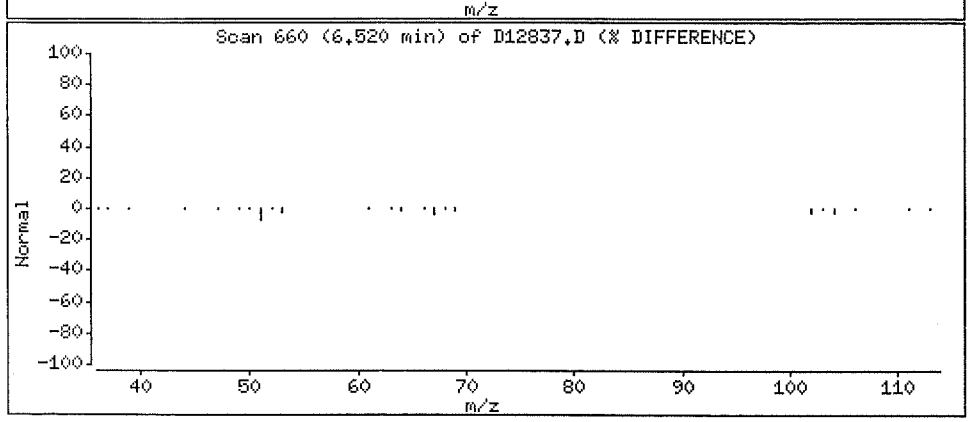
34 1,2-Dichloroethane-d4 2nd

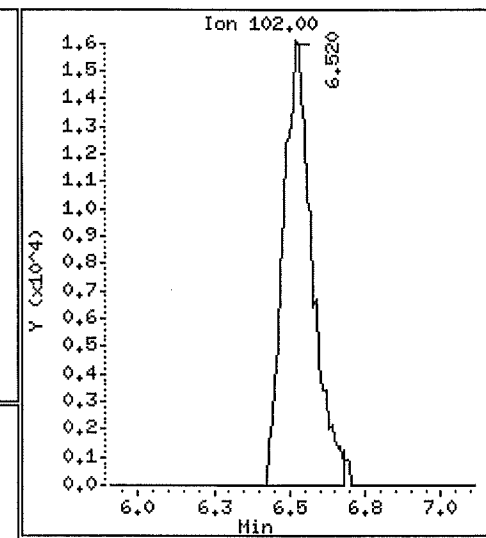
Concentration: 47.94 ug/Kg

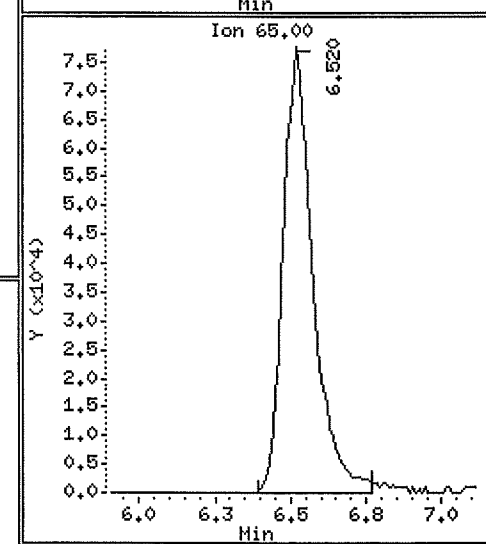












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12837.D

Date : 07-OCT-2000 21:39

Client ID: D12837

Instrument: md.i

Sample Info: DLC84101,,2,,0,1,0,8260BDA.M,D12837

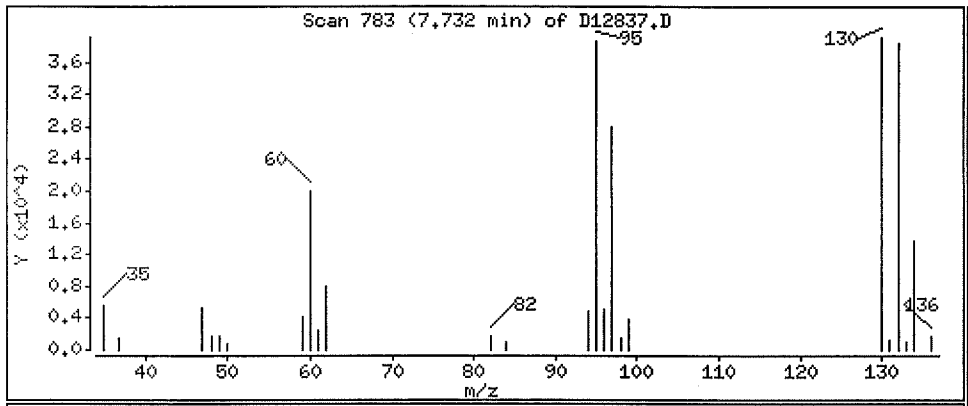
Operator: AD

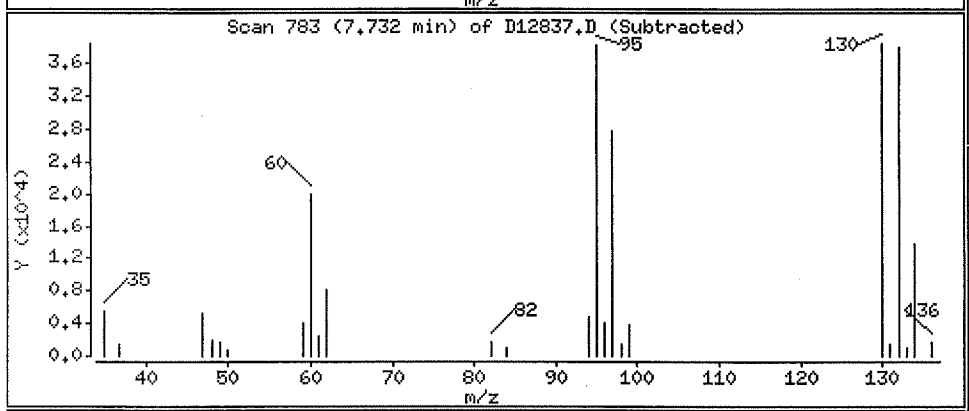
Column phase: J&W DB-624

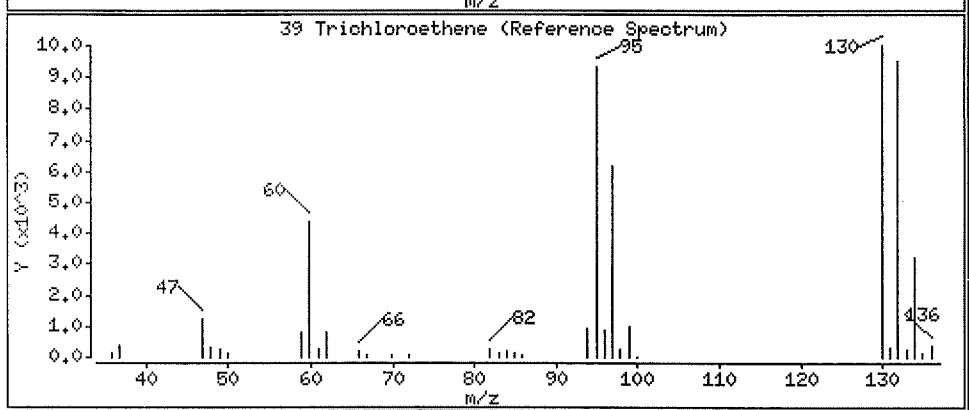
Column diameter: 0.53

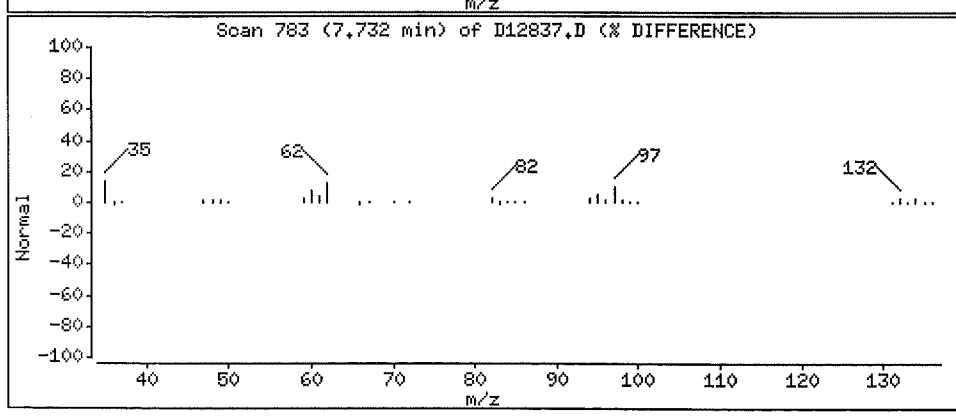
39 Trichloroethene

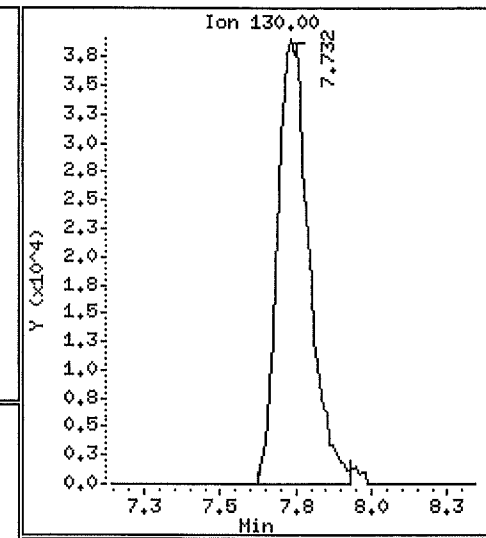
Concentration: 26.31 ug/Kg

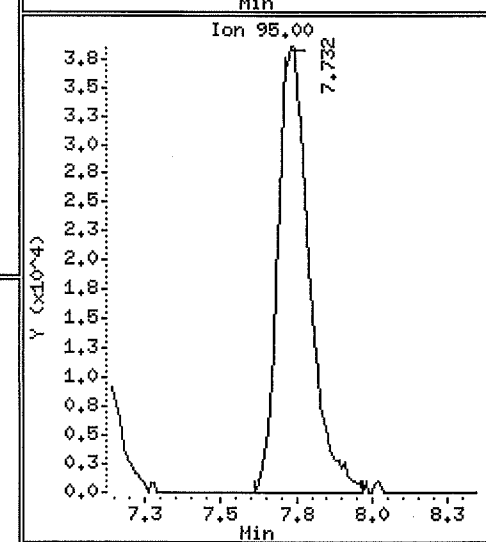


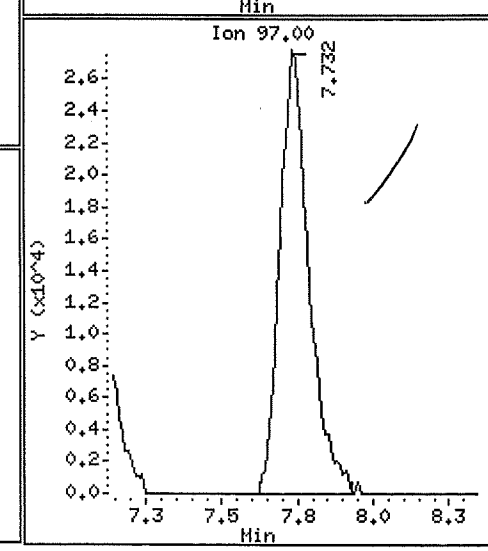












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12837.D

Date : 07-OCT-2000 21:39

Client ID: D12837

Instrument: md.i

Sample Info: DLC84101,,2,,0,1,0,8260BDA.M,D12837

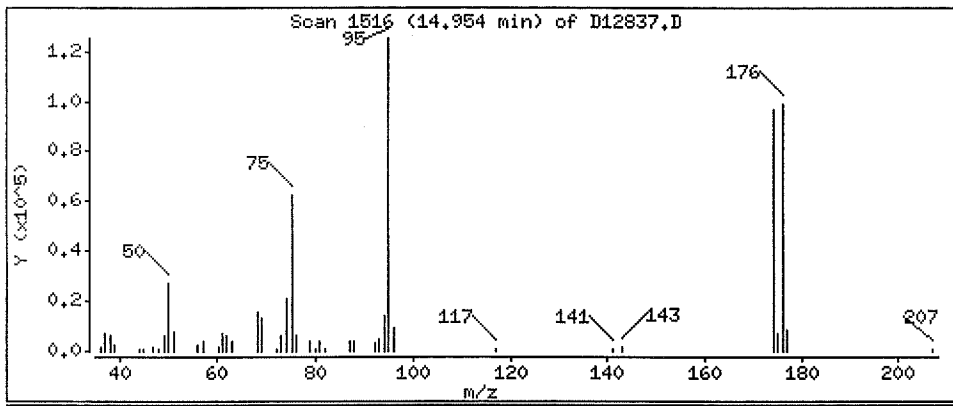
Operator: AD

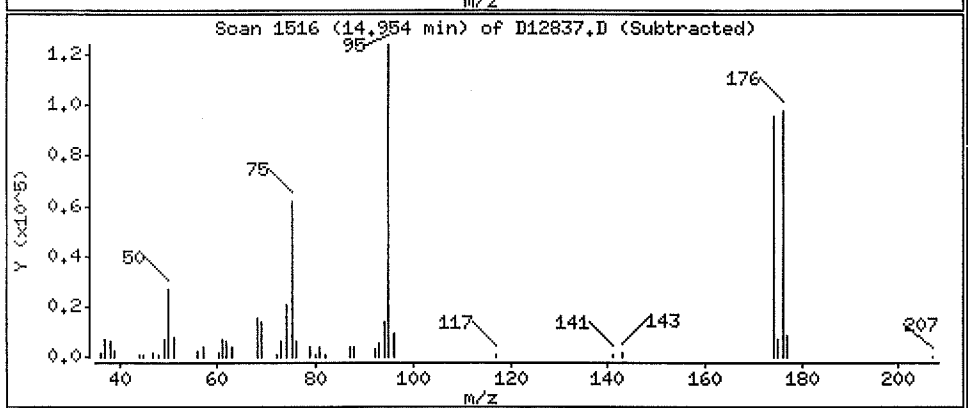
Column phase: J&W DB-624

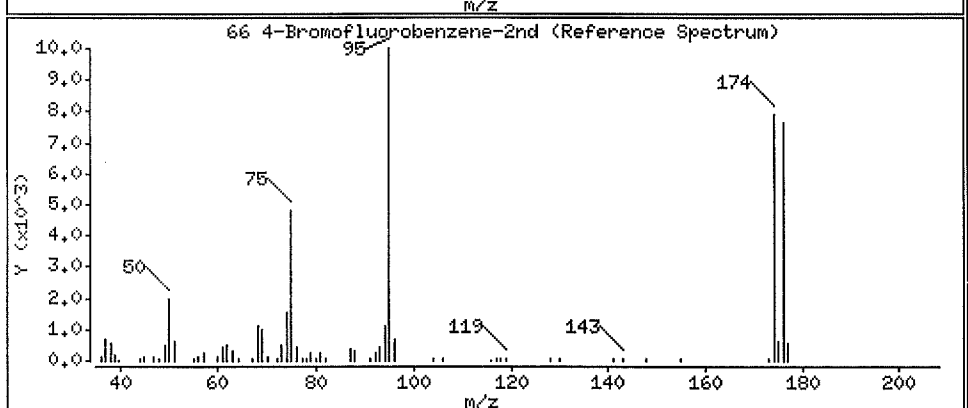
Column diameter: 0.53

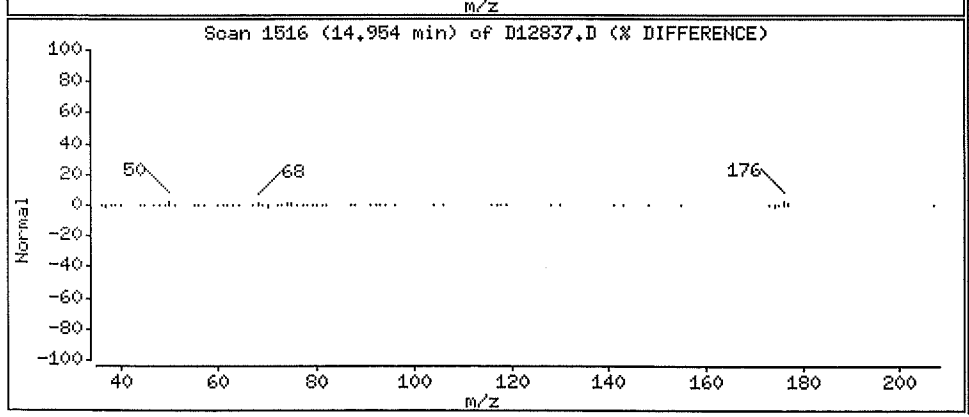
66 4-Bromofluorobenzene-2nd

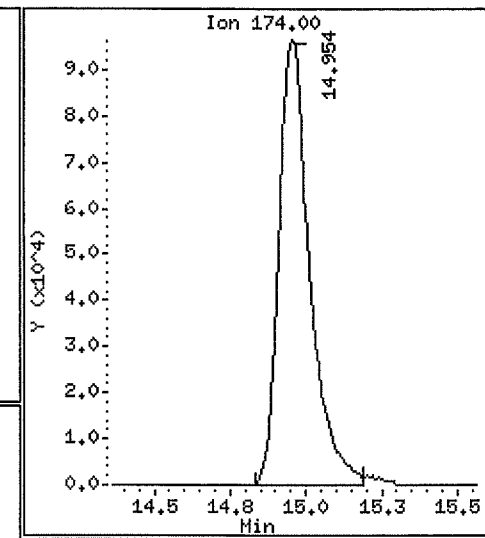
Concentration: 44.47 ug/Kg

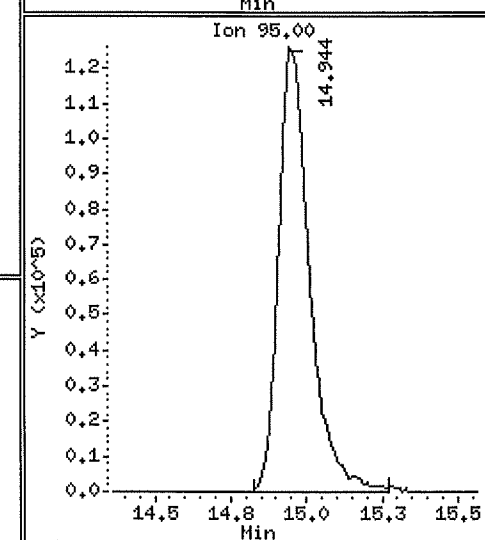


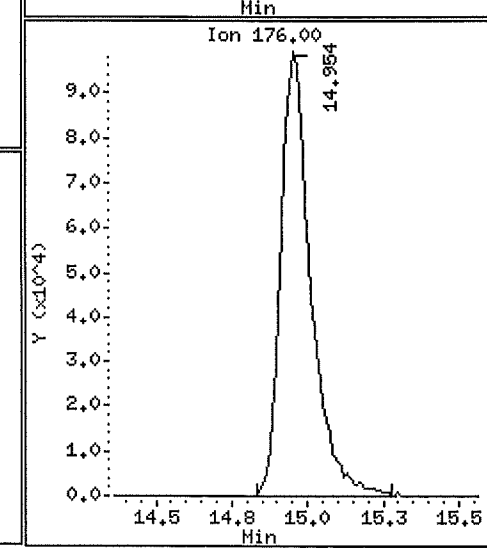












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12837.D

Date : 07-OCT-2000 21:39

Client ID: D12837

Instrument: md.i

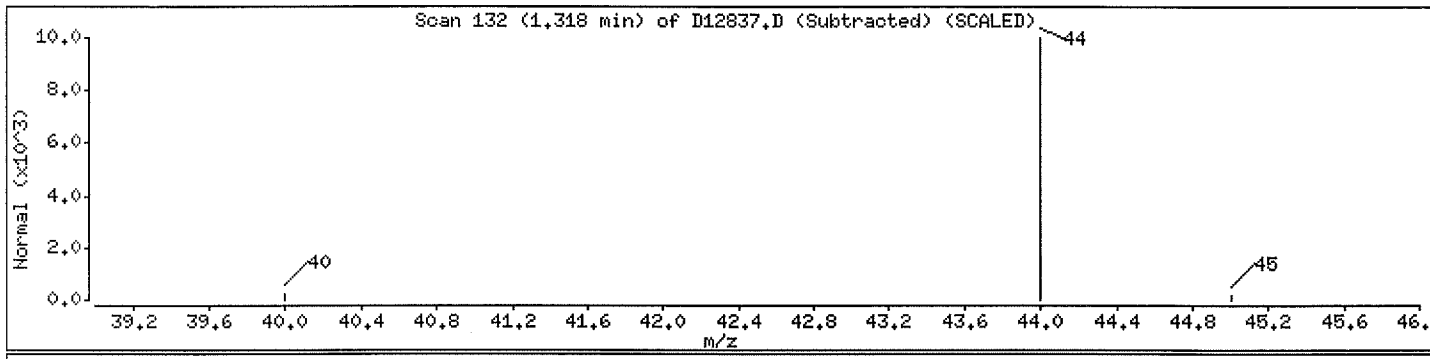
Sample Info: DLC84101,,2,,0,1,0,8260BDA.M,D12837

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12838.D
Lab Smp Id: DLC85101 Client Smp ID: D12838
Inj Date : 07-OCT-2000 22:10
Operator : AD Inst ID: md.i
Smp Info : DLC85101,,2,,0,1,0,8260BDA.M,D12838
Misc Info : E0I290371-17,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.981	5.981	(0.843)	830888	51.2890	51.29
$ 33 1,2-Dichloroethane-d4	65	6.523	6.513	(0.919)	531887	48.6417	48.64
34 1,2-Dichloroethane-d4 2nd	102	6.523	6.513	(0.919)	102945	46.6641	46.66
* 38 Fluorobenzene	96	7.095	7.095	(1.000)	1138936	50.0000	
39 Trichloroethene	130	7.735	7.745	(1.090)	392323	36.8558	36.86
$ 47 Toluene-d8	98	9.922	9.922	(0.786)	1094469	45.6419	45.64
* 56 Chlorobenzene-d5	117	12.622	12.622	(1.000)	1035843	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.957	14.967	(0.866)	634833	46.0954	46.10
$ 67 4-Bromofluorobenzene	95	14.947	14.947	(0.865)	824491	44.8546	44.85
* 79 1,4-Dichlorobenzene-d4	152	17.272	17.262	(1.000)	691652	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1007AD.B\D12838.D
Lab Smp Id: DLC85101 Client Smp ID: D12838
Inj Date : 07-OCT-2000 22:10
Operator : AD Inst ID: md.i
Smp Info : DLC85101,,2,,0,1,0,8260BDA.M,D12838
Misc Info : E0I290371-17,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1007AD.B\8260BDA.m
Meth Date : 07-Oct-2000 12:26 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.095	2630790	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	452094	8.59236811	8.59	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC85101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12838
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.321	8.59	J

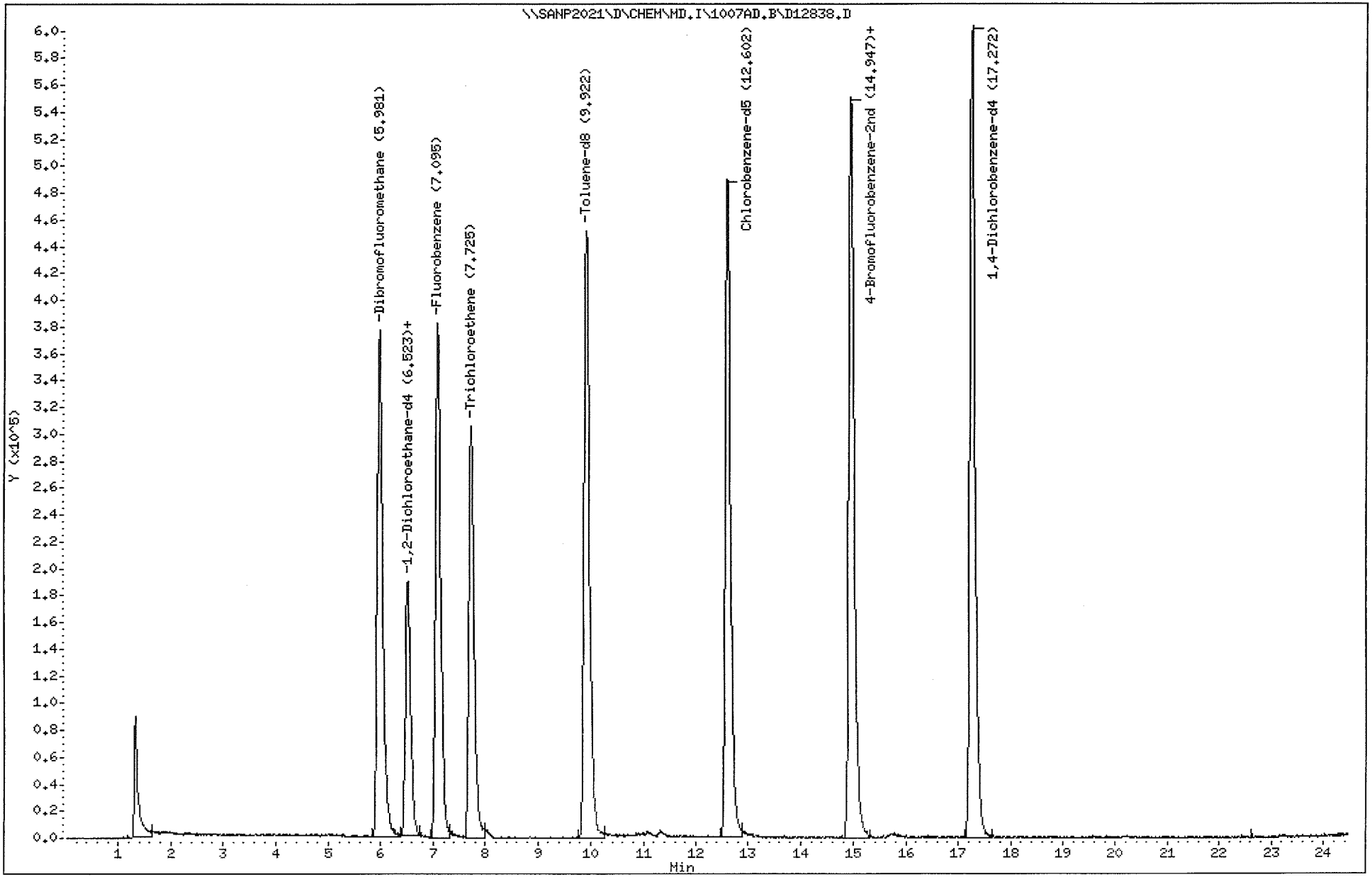
Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12838.D
Date : 07-OCT-2000 22:10
Client ID: D12838
Sample Info: DLC85101,,2,,0,1,0,8260BDA.M,D12838

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159090

Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12838.D

Date : 07-OCT-2000 22:10

Client ID: D12838

Instrument: md.i

Sample Info: DLC85101,,2,,0,1,0,8260BDA,M,D12838

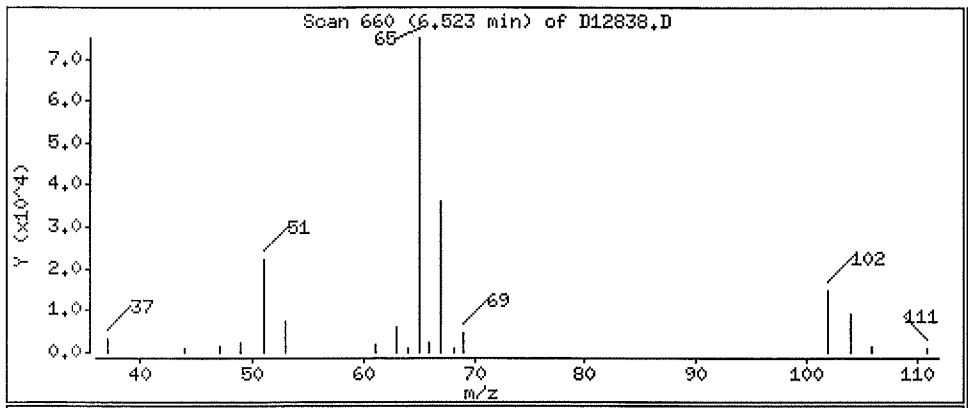
Operator: AD

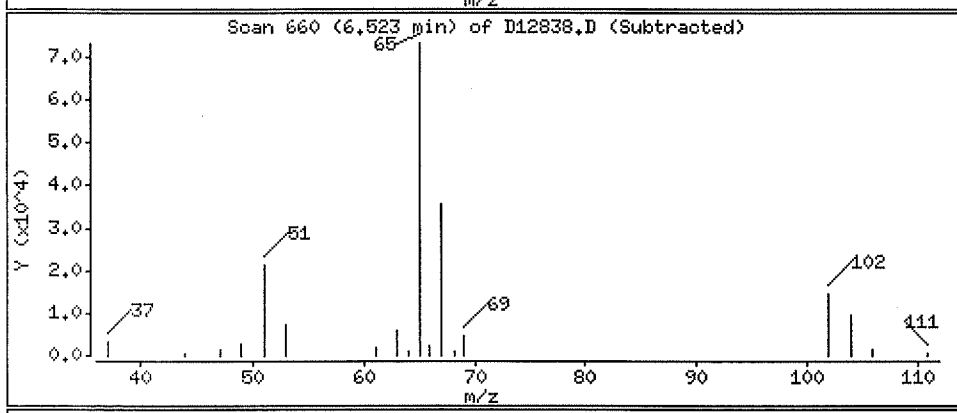
Column phase: J&W DB-624

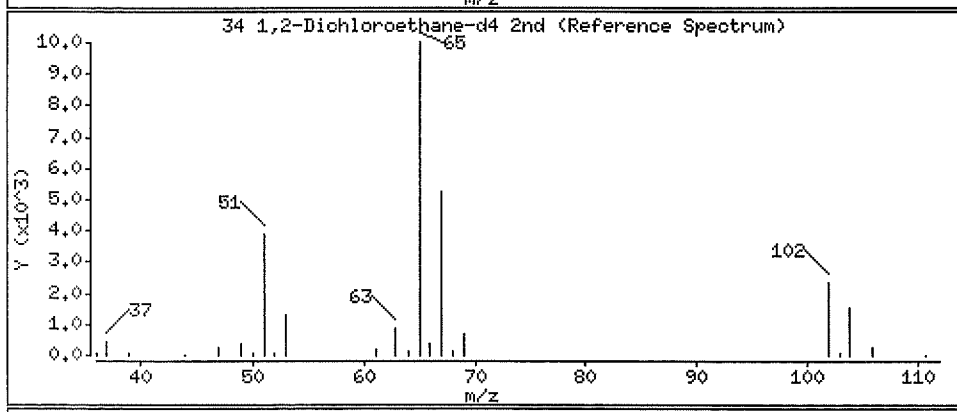
Column diameter: 0.53

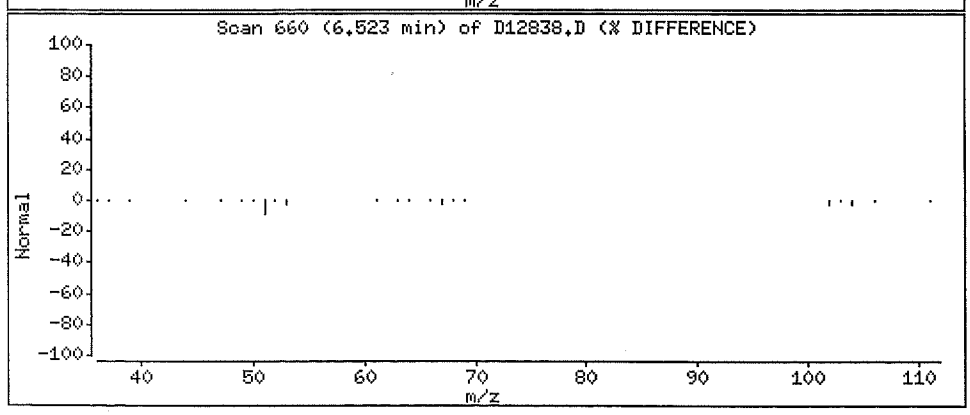
34 1,2-Dichloroethane-d4 2nd

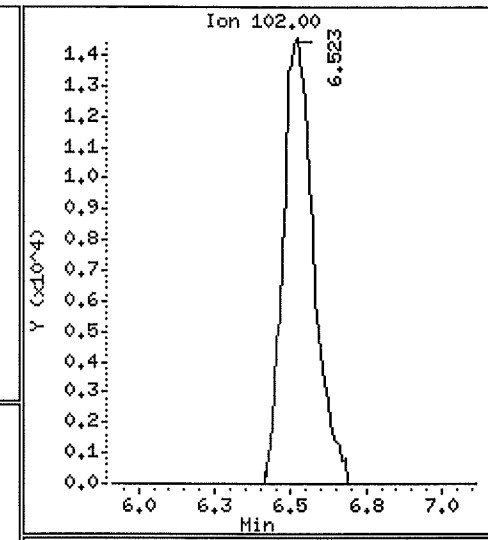
Concentration: 46.66 ug/Kg

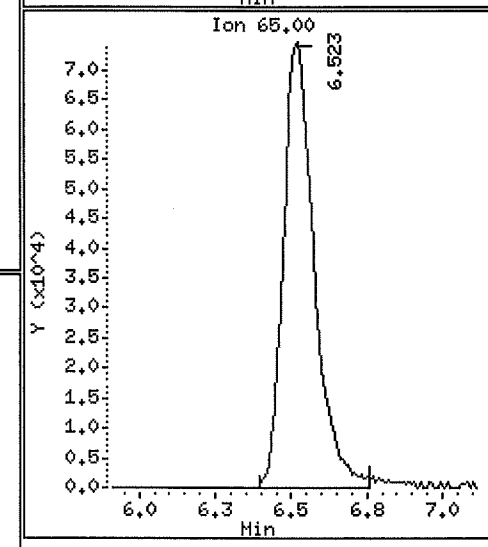












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12838.D

Date : 07-OCT-2000 22:10

Client ID: D12838

Instrument: md.i

Sample Info: DLC85101,,2,,0,1,0,8260BDA,M,D12838

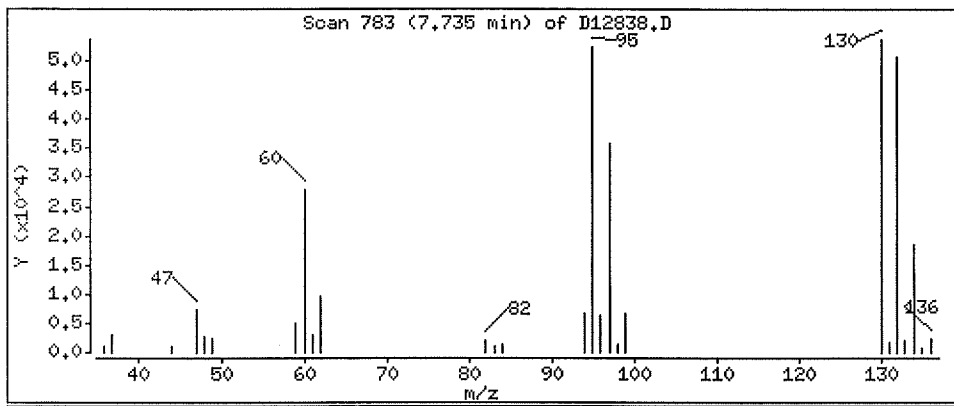
Operator: AD

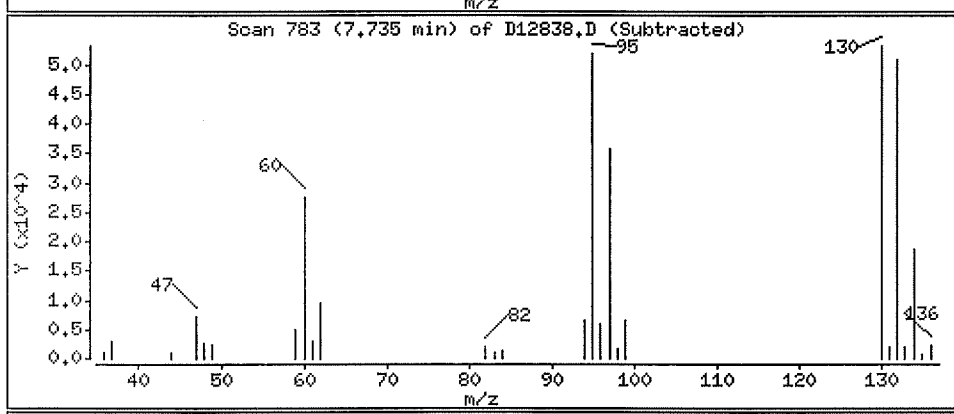
Column phase: J&W DB-624

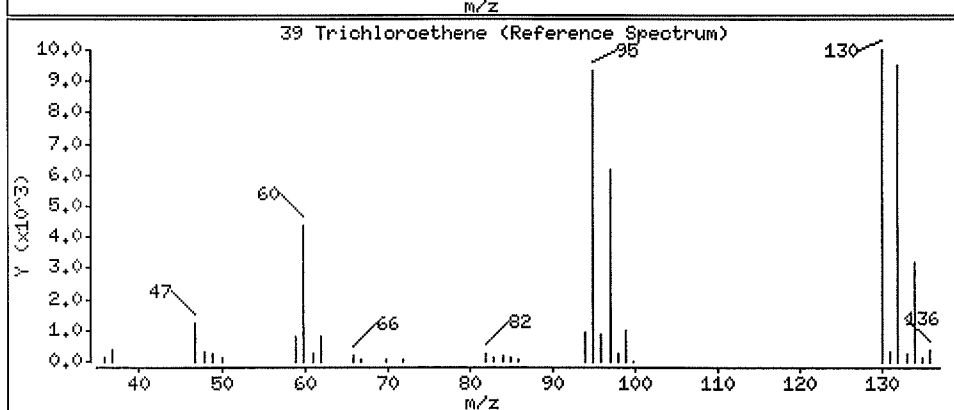
Column diameter: 0.53

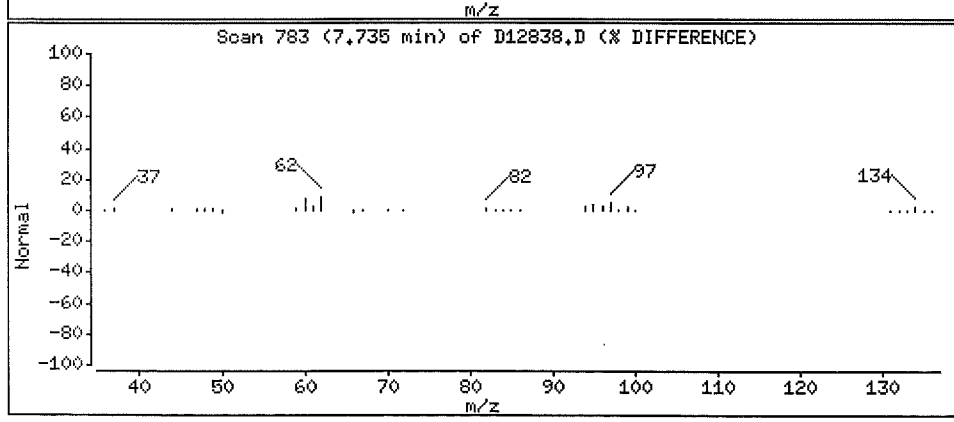
39 Trichloroethene

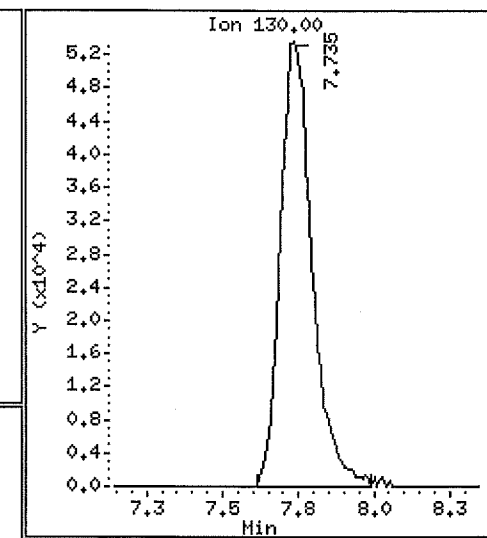
Concentration: 36.86 ug/Kg

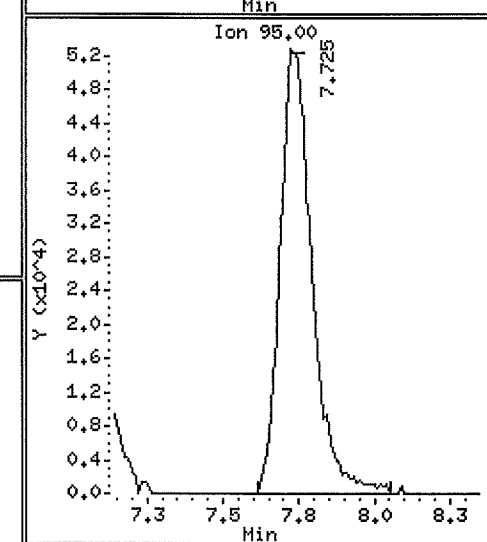


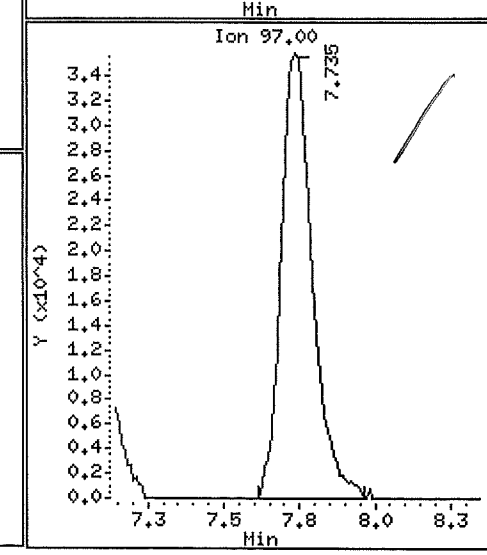












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12838.D

Date : 07-OCT-2000 22:10

Client ID: D12838

Instrument: md.i

Sample Info: DLC85101,,2,,0,1,0,8260BDA,N,D12838

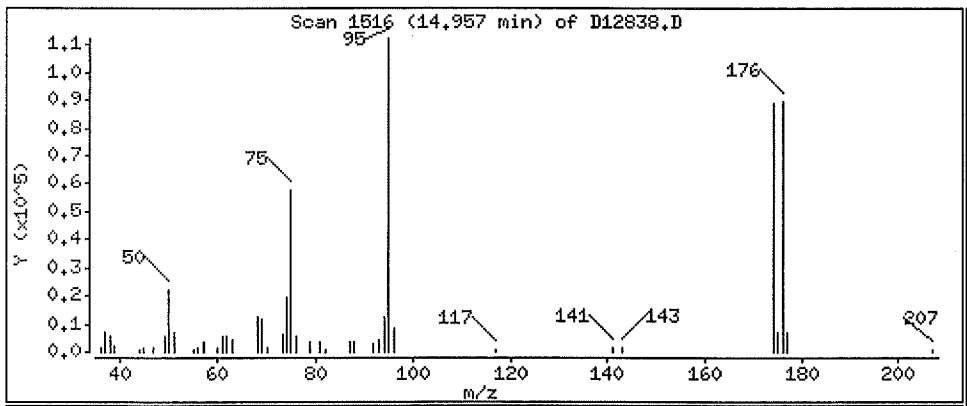
Operator: AD

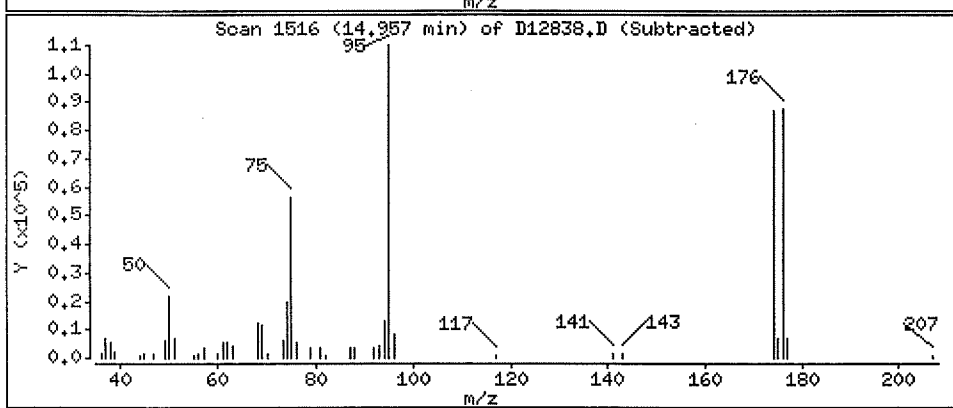
Column phase: J&W DB-624

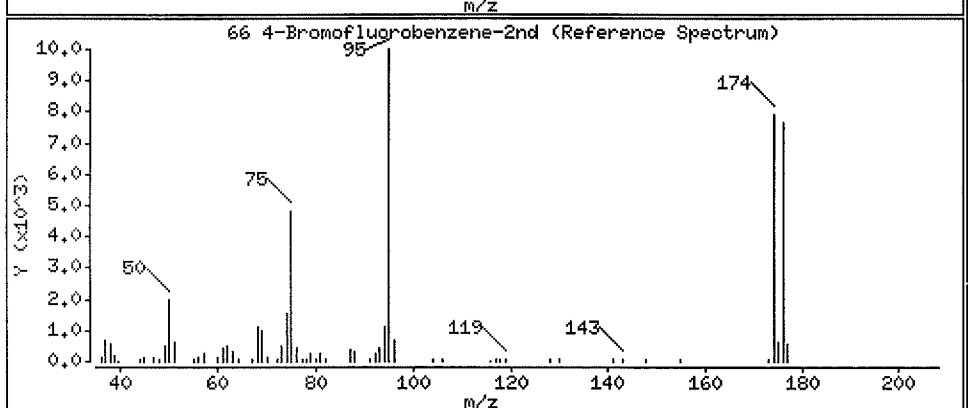
Column diameter: 0.53

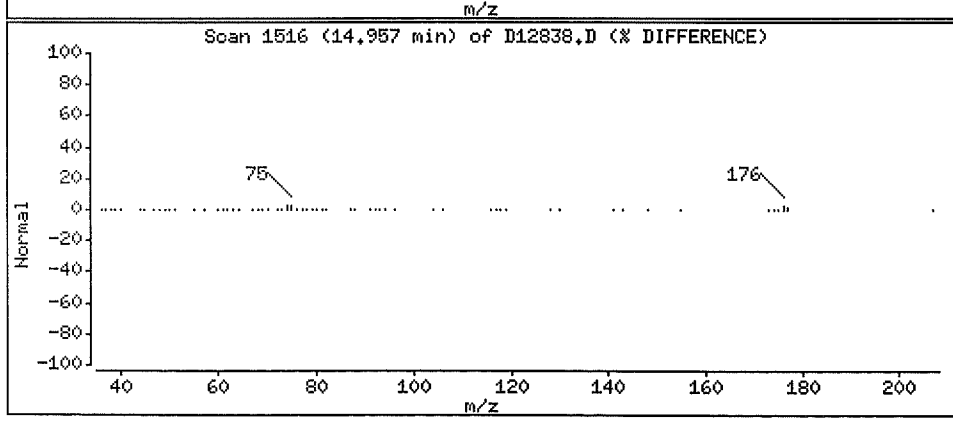
66 4-Bromofluorobenzene-2nd

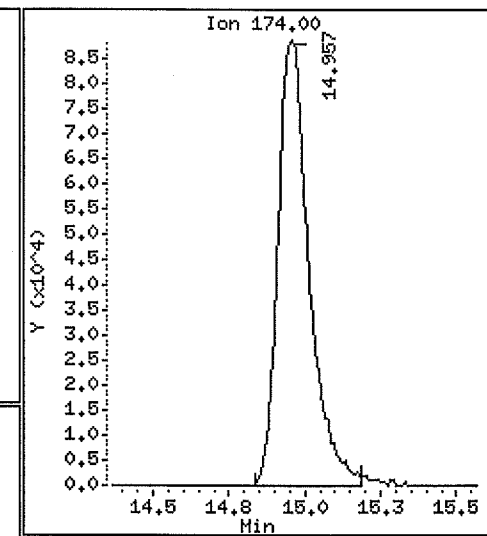
Concentration: 46.10 ug/Kg

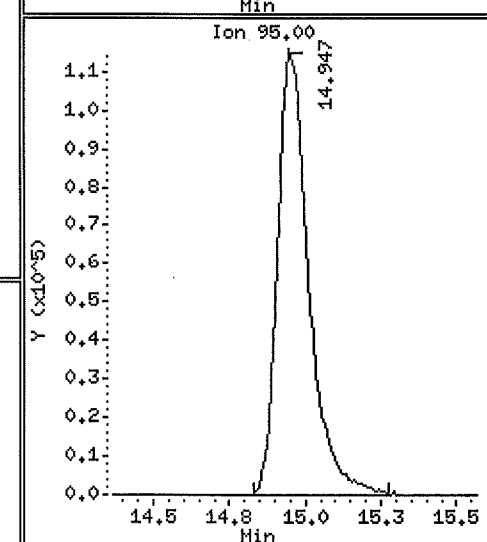


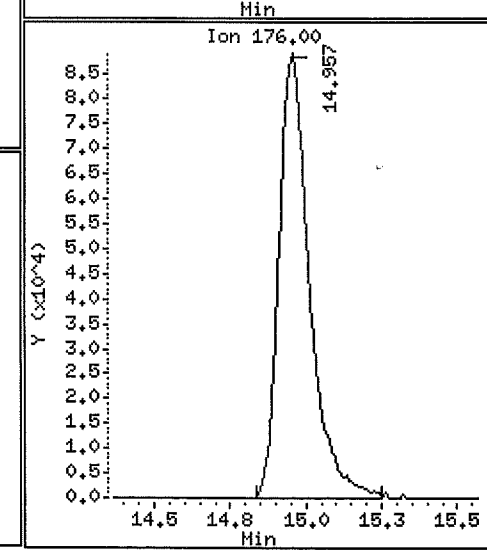












Data File: \\SANP2021\D\CHEM\MD.I\1007AD.B\D12838.D

Date : 07-OCT-2000 22:10

Client ID: D12838

Instrument: md.i

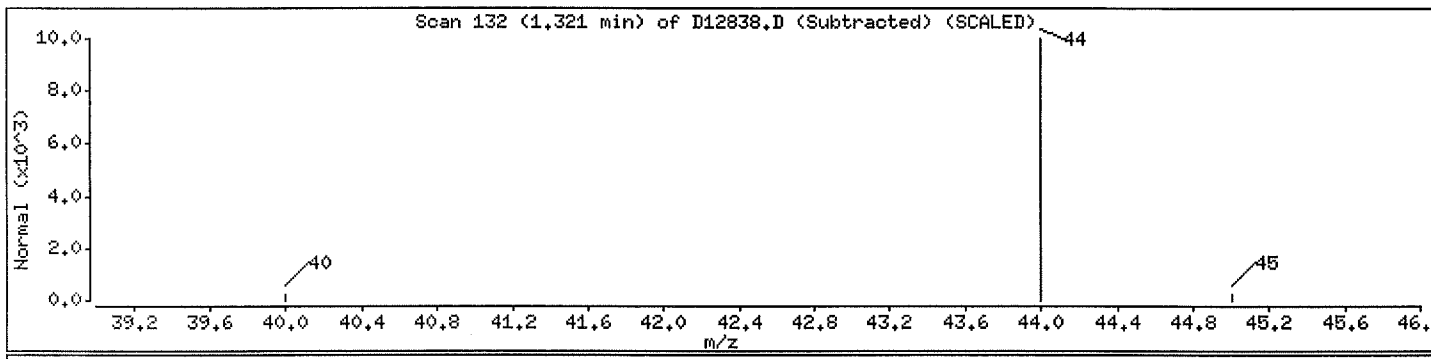
Sample Info: DLC85101,,2,,0,1,0,8260BDA,M,D12838

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CBV

8260B SAMPLE / QC DATA

DATE ANALYZED: 100800

INSTRUMENT ID: MSD

SAMPLES: EOI 290371-22-p38

STL Los A... ...es

FJK 10/14/00

Batch ID: 0283291

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☑ 5030B ☐ 5035

Inst ID: MSD	EM Set: 1706	Tune File: BFB-U	Seq File: 1008AD
Init . Cal ID: 8260BDA 100400			Date: 100800

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
10:35		~~8260BDA~~	DT1569 50g BFB	–	–	4	–	–	✓			MSVOA 1198-1
10:55		DS2526	50ppb 8260B	1	Soil	5g	1	218	✓			IS 1240-1, SUR 1247-1, STD 1242-2
11:37		D12839	100800ADI-LCS-S	2				163	✓			QC 1244-2
12:09		D12840	MB-S	3				143	✓			
12:43		41	DLC8A101	5				132	✓			EOI290371-22
13:15		42	DLC86101	6				128	✓			18
13:47		43	DLC87101	7				126	✓			19
14:19		44	DLC88101	8				124	✓			20
14:50		45	DLC89101	9				120	✓			21
15:22		46	DLC8A102S	10				123	✓			22AS
15:54		47	DLC8A103D	11				124	✓			22AD
16:26		48	DLC8C101	12				123	✓			23
16:57		49	DLC8D101	13				119	✓			24
17:29		50	DLC8E101	14				115	✓			25
18:00		51	DLC8F101	15				116	✓			26
18:32		52	DLC8L101	16				115	✓			31
		53	DLC8M101	17				Sequence Stopped Samples Not Run				32
		54	DLC8N101	18						DOSRUN failed		33
		55	DLC8P101	19								34
		56	DLC8Q101	20								35
		57	DLC8R101	21								36
		58	DLC8T101	22								37
		59	DLC8V101	23								38

000095

G:\FORMS\Run Log\MSV Runlog.DOC

Version 01/04/99

BOE-C6-0159096

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA02193

Lab File ID (Standard): DS2526 Date Analyzed: 10/08/00

Instrument ID: MD Time Analyzed: 1055

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	2186202	7.11	1879904	12.61	1250710	17.27
	UPPER LIMIT	4372404	7.61	3759808	13.11	2501420	17.77
	LOWER LIMIT	1093101	6.61	939952	12.11	625355	16.77
	EPA SAMPLE NO.						
01	D12839	1634236	7.09	1511145	12.62	1119360	17.27
02	D12740	1438142	7.10	1414947	12.61	991714	17.27
03	D12741	1328724	7.10	1310929	12.61	918578	17.27
04	D12742	1281650	7.09	1260587	12.61	905359	17.27
05	D12743	1267207	7.10	1241464	12.61	853490	17.28
06	D12744	1240508	7.10	1222881	12.62	858889	17.27
07	D12745	1202741	7.10	1157632	12.62	790877	17.28
08	D12746	1235435	7.10	1179744	12.62	914089	17.27
09	D12747	1247228	7.10	1189186	12.62	890590	17.26
10	D12748	1234773	7.10	1193090	12.62	821377	17.27
11	D12749	1193388	7.09	1193959	12.62	863695	17.27
12	D12750	1156785	7.10	1125353	12.61	751123	17.26
13	D12751	1163778	7.09	1130293	12.61	802263	17.27
14	D12752	1151802	7.08	1140181	12.61	810058	17.27
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1008AD.B\DT1569.D
Lab Smp Id:
Inj Date : 08-OCT-2000 10:35
Operator : RRT Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.8050	1.8000	(0.000)	95	69088			0.00- 100.00	100.00
1.8050	1.8000	(0.000)	50	12510			15.00- 40.00	18.11
1.8050	1.8000	(0.000)	75	35629			30.00- 60.00	51.57
1.8050	1.8000	(0.000)	96	5611			5.00- 9.00	8.12
1.8050	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.8050	1.8000	(0.000)	174	56824			50.00- 0.00	82.25
1.8050	1.8000	(0.000)	175	3880			5.00- 9.00	6.83
1.8050	1.8000	(0.000)	176	56205			95.00- 101.00	98.91
1.8050	1.8000	(0.000)	177	4094			5.00- 9.00	7.28

10-9-00

Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\DT1569.D

Date : 08-OCT-2000 10:35

Client ID:

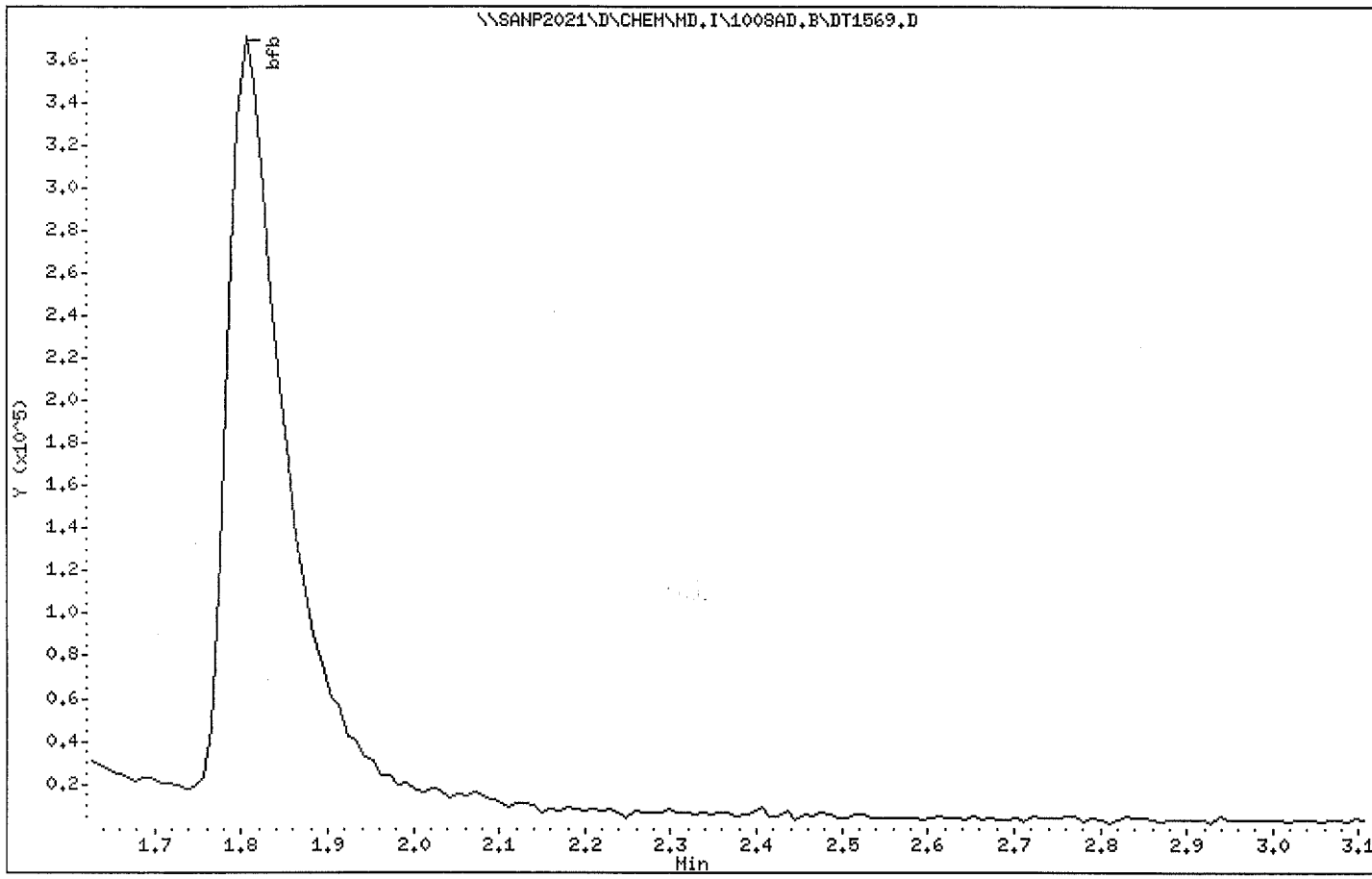
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\DT1569.D

Date : 08-OCT-2000 10:35

Client ID:

Instrument: md.i

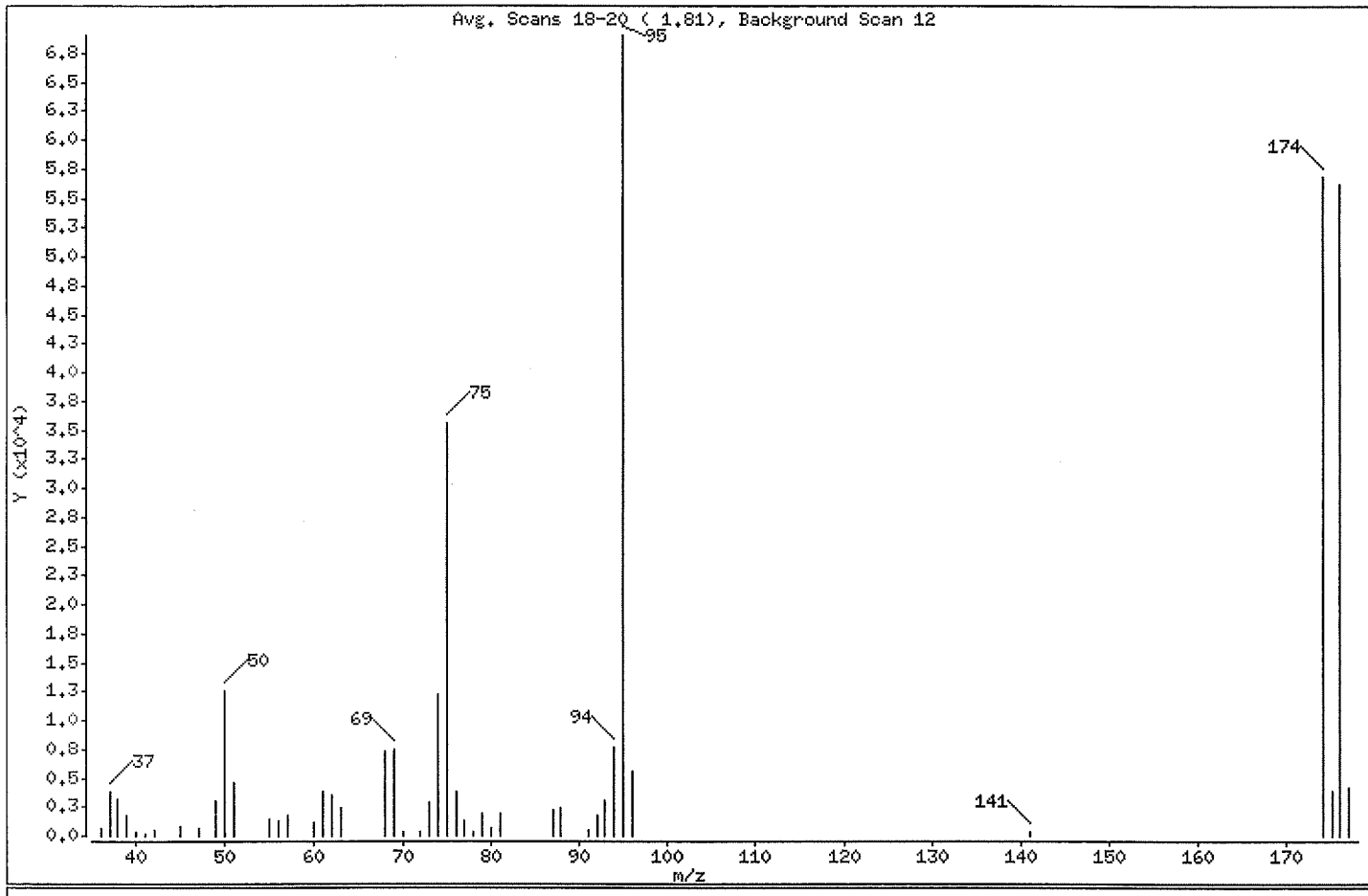
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.11
75	30.00 - 60.00% of mass 95	51.57
96	5.00 - 9.00% of mass 95	8.12
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	82.25
175	5.00 - 9.00% of mass 174	5.62 (6.83)
176	95.00 - 101.00% of mass 174	81.35 (98.91)
177	5.00 - 9.00% of mass 176	5.93 (7.28)

Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\DT1569.D

Date : 08-OCT-2000 10:35

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1569.D
Spectrum: Avg. Scans 18-20 (1.81), Background Scan 12
Location of Maximum: 95.00
Number of points: 45

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	711	55.00	1447	74.00	12155	93.00	2941
37.00	3869	56.00	1297	75.00	35624	94.00	7613
38.00	3189	57.00	1686	76.00	3785	95.00	69088
39.00	1744	60.00	1061	77.00	1309	96.00	5611
40.00	306	61.00	3811	78.00	247	141.00	270
41.00	157	62.00	3431	79.00	1916	174.00	56824
42.00	551	63.00	2321	80.00	560	175.00	3880
45.00	865	68.00	7347	81.00	1891	176.00	56200
47.00	645	69.00	7436	87.00	2242	177.00	4094
49.00	2996	70.00	307	88.00	2340		
50.00	12510	72.00	263	91.00	552		
51.00	4660	73.00	2878	92.00	1772		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2526.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m

Injection Date: 08-OCT-2000 10:55
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.37374	0.010	-16.3	50.0
	2 Vinyl chloride (*)	0.21607	0.21847	0.010	1.1	20.0
	3 Chloromethane (**)	0.19012	0.18810	0.100	-1.1	50.0
	4 Bromomethane	0.21985	0.19304	0.010	-12.2	50.0
	5 Chloroethane	0.13964	0.15587	0.010	11.6	50.0
	6 Trichlorofluoromethane	0.71629	0.67894	0.010	-5.2	50.0
	7 Acrolein	0.01339	0.00967	0.001	-27.8	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.27128	0.010	-3.7	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.45036	0.010	-4.1	50.0
	10 Acetone	0.05535	0.06132	0.010	10.8	50.0
	11 Iodomethane	0.54249	0.50806	0.001	-6.3	50.0
	12 Carbon disulfide	0.63173	0.66107	0.010	4.6	50.0
	13 Methylene chloride	0.28611	0.27296	0.010	-4.6	50.0
	14 t-Butanol	0.00726	0.00737	0.001	1.5	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.31820	0.010	-2.6	50.0
	16 Acrylonitrile	0.04256	0.04814	0.001	13.1	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.71677	0.010	-4.7	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.54012	0.100	-4.1	50.0
	19 Vinyl acetate	0.72587	0.74732	0.010	3.0	50.0
	20 Isopropyl ether	0.97354	0.97963	0.010	0.6	20.0
	21 2,2-Dichloropropane	0.61103	0.58078	0.010	-5.0	50.0
	22 Tert-butyl ethyl ether	0.93101	0.88971	0.010	-4.4	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.31351	0.010	-5.4	50.0
	24 2-Butanone	0.09614	0.09784	0.010	1.8	50.0
	25 Bromochloromethane	0.21883	0.20469	0.010	-6.5	50.0
	26 Chloroform (*)	0.73233	0.69219	0.010	-5.5	20.0
	27 Tetrahydrofuran	0.05809	0.07411	0.010	27.6	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.31585	0.010	-4.0	50.0
$	29 Dibromofluoromethane	0.71120	0.85099	0.010	19.7	50.0
	30 1,1,1-Trichloroethane	0.76256	0.69596	0.010	-8.7	50.0
	31 Carbon Tetrachloride	0.72937	0.66512	0.010	-8.8	50.0
	32 1,1-Dichloropropene	0.54325	0.51281	0.010	-5.6	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.61650	0.010	28.4	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.13529	0.010	39.7	50.0
	35 Benzene	0.84852	0.79994	0.010	-5.7	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2526.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m

Injection Date: 08-OCT-2000 10:55
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	36 1,2-Dichloroethane	0.53432	0.50507	0.010	-5.5	50.0
	37 Tert-amyl methyl ether	0.88326	0.83351	0.010	-5.6	20.0
	39 Trichloroethene	0.46731	0.42847	0.010	-8.3	50.0
	40 1,2-Dichloropropane(*)	0.34594	0.33570	0.010	-3.0	20.0
	41 Dibromomethane	0.32224	0.30397	0.010	-5.7	50.0
	42 Bromodichloromethane	0.71616	0.67720	0.010	-5.4	50.0
	43 1-Bromo-2-chloroethane	0.78851	0.48605	0.010	-38.4	50.0
	44 2-Chloroethylvinyl ether	0.04393	0.04872	0.010	10.9	20.0
	45 cis-1,3-Dichloropropene	0.54033	0.52680	0.010	-2.5	50.0
	46 4-Methyl-2-pentanone	0.26017	0.27485	0.010	5.6	50.0
$	47 Toluene-d8	1.15748	1.23250	0.010	6.5	50.0
	48 Toluene (*)	1.22215	1.11932	0.010	-8.4	20.0
	49 trans-1,3-Dichloropropene	0.55799	0.55159	0.010	-1.1	50.0
	50 1,1,2-Trichloroethane	0.40315	0.38428	0.010	-4.7	50.0
	51 Tetrachloroethene	0.55481	0.49975	0.010	-9.9	50.0
	52 1,3-Dichloropropane	0.63464	0.62283	0.010	-1.9	50.0
	53 2-Hexanone	0.22062	0.22785	0.010	3.3	50.0
	54 Dibromochloromethane	0.73783	0.67754	0.010	-8.2	50.0
	55 1,2-Dibromoethane	0.61043	0.56762	0.010	-7.0	50.0
	57 Chlorobenzene (**)	0.98253	0.88313	0.300	-10.1	50.0
	58 1,1,1,2-Tetrachloroethane	0.59402	0.53914	0.010	-9.2	50.0
	59 Ethylbenzene (*)	0.45846	0.42233	0.010	-7.9	20.0
	60 m,p-Xylenes	0.57596	0.53174	0.010	-7.7	50.0
	61 o-Xylene	0.55644	0.50931	0.010	-8.5	50.0
	62 Styrene	0.92422	0.85812	0.010	-7.2	50.0
M	63 Xylenes (total)	0.56945	0.52427	0.010	-7.9	50.0
	64 Bromoform (**)	0.59517	0.56964	0.100	-4.3	50.0
	65 Isopropylbenzene	1.75437	1.59471	0.010	-9.1	50.0
	66 4-Bromofluorobenzene-2nd	0.99560	0.95102	0.010	-4.5	50.0
$	67 4-Bromofluorobenzene	1.32880	1.26798	0.010	-4.6	50.0
	68 Bromobenzene	0.83061	0.80674	0.010	-2.9	50.0
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.84666	0.300	-1.0	50.0
	70 1,2,3-Trichloropropane	0.28010	0.29624	0.010	5.8	50.0
	71 n-Propylbenzene	2.58803	2.54567	0.010	-1.6	50.0
	72 2-Chlorotoluene	0.62571	0.59764	0.010	-4.5	50.0
	73 4-Chlorotoluene	0.65344	0.62121	0.010	-4.9	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2526.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m

Injection Date: 08-OCT-2000 10:55
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.04555	0.010	-1.7	50.0
75 tert-Butylbenzene	2.15036	2.11590	0.010	-1.6	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.05535	0.010	-3.0	50.0
77 sec-Butylbenzene	2.82015	2.81307	0.010	-0.3	50.0
78 1,3-Dichlorobenzene	1.39311	1.33823	0.010	-3.9	50.0
80 1,4-Dichlorobenzene	1.51990	1.43519	0.010	-5.6	50.0
81 p-Isopropyltoluene	2.32696	2.29093	0.010	-1.5	50.0
82 1,2-Dichlorobenzene	1.33233	1.25554	0.010	-5.8	50.0
83 n-Butylbenzene	2.22197	2.23526	0.010	0.6	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.28985	0.010	-0.0	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.14179	0.010	-7.2	50.0
86 Hexachlorobutadiene	0.92928	0.94738	0.010	1.9	50.0
87 Napthalene	1.86163	1.71637	0.010	-7.8	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.06241	0.010	-7.5	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1008AD.B/DS2526.D
Inj. Date : 08-OCT-2000 10:55

ICAL Mid Point : //SANP2021/D/chem/md.i/1004AD.B/DS2515.D
Inj. Date : 04-OCT-2000 11:03

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.11	-0.01	1480718	2186202	147.6%
Chlorobenzene-d5	12.63	12.61	0.02	1259551	1879904	149.3%
1,4-Dichlorobenzene-d4	17.27	17.27	-0.00	906122	1250710	138.0%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2526.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: RRT
Method File: \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Misc Info: 1242-2,,5,,2,all.SUB

Calibration Date: 08-OCT-2000
Calibration Time: 10:55

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	2186202	1093101	4372404	2186202	0.00
56 Chlorobenzene-d5	1879904	939952	3759808	1879904	0.00
79 1,4-Dichlorobenze	1250710	625355	2501420	1250710	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.11	6.61	7.61	7.11	0.00
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	0.00
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.27	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1008AD.B\DS2526.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 08-OCT-2000 10:55
Operator : RRT Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1242-2,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.466	1.466	(0.206)	817065	50.0000	41.86
2 Vinyl chloride (*)	62	1.702	1.702	(0.239)	477621	50.0000	50.55
3 Chloromethane (**)	50	1.633	1.633	(0.230)	411224	50.0000	49.47
4 Bromomethane	94	1.978	1.978	(0.278)	422023	50.0000	43.90
5 Chloroethane	64	2.057	2.057	(0.289)	340763	50.0000	55.81
6 Trichlorofluoromethane	101	2.303	2.303	(0.324)	1484292	50.0000	47.39
7 Acrolein	56	2.697	2.697	(0.379)	211447	500.000	361.2(AQ)
8 1,1-Dichloroethene(*)	96	2.796	2.796	(0.393)	593082	50.0000	48.16
9 1,1,2-Trichlorotrifluoroethan	151	2.796	2.796	(0.393)	984572	50.0000	47.93
10 Acetone	43	2.875	2.875	(0.404)	670260	250.000	276.9(Q)
11 Iodomethane	142	2.954	2.954	(0.415)	2221449	100.000	93.65
12 Carbon disulfide	76	3.013	3.013	(0.424)	1445237	50.0000	52.32
13 Methylene chloride	84	3.328	3.328	(0.468)	596746	50.0000	47.70
14 t-Butanol	59	2.579	2.579	(0.363)	402796	1250.00	1268

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.673	3.673	(0.516)	695645	50.0000	48.70
	16 Acrylonitrile	53	3.663	3.663	(0.515)	1052387	500.000	565.5(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.722	3.722	(0.523)	1567005	50.0000	47.64
	18 1,1-Dichloroethane (**)	63	4.274	4.274	(0.601)	1180815	50.0000	47.97
	19 Vinyl acetate	43	4.402	4.402	(0.619)	3267589	100.000	103.0(A)
	20 Isopropyl ether	45	4.441	4.441	(0.625)	2141665	50.0000	50.31
	21 2,2-Dichloropropane	77	5.160	5.160	(0.726)	1269696	50.0000	47.52
	22 Tert-butyl ethyl ether	59	5.023	5.023	(0.706)	1945077	50.0000	47.78
	23 cis-1,2-Dichloroethene	96	5.180	5.180	(0.728)	685394	50.0000	47.28
	24 2-Butanone	43	5.279	5.279	(0.742)	1069529	250.000	254.4
	25 Bromochloromethane	128	5.564	5.564	(0.782)	447487	50.0000	46.77
	26 Chloroform (*)	83	5.732	5.732	(0.806)	1513268	50.0000	47.26
	27 Tetrahydrofuran	42	5.692	5.692	(0.800)	162026	50.0000	63.79
M	28 1,2-Dichloroethene (total)	100				1381039	100.000	95.98
$	29 Dibromofluoromethane	111	5.998	5.998	(0.843)	1860427	50.0000	59.83
	30 1,1,1-Trichloroethane	97	5.978	5.978	(0.841)	1521512	50.0000	45.63
	31 Carbon Tetrachloride	117	6.254	6.254	(0.879)	1454083	50.0000	45.60
	32 1,1-Dichloropropene	75	6.254	6.254	(0.879)	1121115	50.0000	47.20
$	33 1,2-Dichloroethane-d4	65	6.530	6.530	(0.918)	1347797	50.0000	64.21
	34 1,2-Dichloroethane-d4 2nd	102	6.530	6.530	(0.918)	295781	50.0000	69.85
	35 Benzene	78	6.609	6.609	(0.929)	1748827	50.0000	47.14
	36 1,2-Dichloroethane	62	6.658	6.658	(0.936)	1104190	50.0000	47.26
	37 Tert-amyl methyl ether	73	6.894	6.894	(0.970)	1822224	50.0000	47.18
*	38 Fluorobenzene	96	7.111	7.111	(1.000)	2186202	50.0000	
	39 Trichloroethene	130	7.742	7.742	(1.089)	936722	50.0000	45.84
	40 1,2-Dichloropropane(*)	63	8.126	8.126	(1.143)	733903	50.0000	48.52
	41 Dibromomethane	93	8.333	8.333	(1.172)	664541	50.0000	47.16
	42 Bromodichloromethane	83	8.668	8.668	(1.219)	1480502	50.0000	47.28
	43 1-Bromo-2-chloroethane	63	9.170	9.170	(1.290)	1062602	50.0000	30.82(Q)
	44 2-Chloroethylvinyl ether	106	9.279	9.279	(1.305)	213023	100.000	110.9(A)
	45 cis-1,3-Dichloropropene	75	9.476	9.476	(1.333)	1151682	50.0000	48.75
	46 4-Methyl-2-pentanone	43	9.830	9.830	(1.382)	3004423	250.000	264.1
$	47 Toluene-d8	98	9.919	9.919	(0.787)	2316989	50.0000	53.24
	48 Toluene (*)	91	10.047	10.047	(0.797)	2104205	50.0000	45.79
	49 trans-1,3-Dichloropropene	75	10.530	10.530	(0.835)	1036929	50.0000	49.43
	50 1,1,2-Trichloroethane	97	10.845	10.845	(0.860)	722407	50.0000	47.66
	51 Tetrachloroethene	164	11.052	11.052	(0.877)	939479	50.0000	45.04
	52 1,3-Dichloropropane	76	11.131	11.131	(0.883)	1170859	50.0000	49.07
	53 2-Hexanone	43	11.397	11.397	(0.904)	2141678	250.000	258.2
	54 Dibromochloromethane	129	11.555	11.555	(0.916)	1273708	50.0000	45.91
	55 1,2-Dibromoethane	107	11.712	11.712	(0.929)	1067077	50.0000	46.49
*	56 Chlorobenzene-d5	117	12.609	12.609	(1.000)	1879904	50.0000	
	57 Chlorobenzene (**)	112	12.678	12.678	(1.005)	1660196	50.0000	44.94
	58 1,1,1,2-Tetrachloroethane	131	12.865	12.865	(1.020)	1013523	50.0000	45.38
	59 Ethylbenzene (*)	106	12.934	12.934	(1.026)	793940	50.0000	46.06
	60 m,p-Xylenes	106	13.170	13.170	(1.045)	1999251	100.000	92.32
	61 o-Xylene	106	13.929	13.929	(1.105)	957462	50.0000	45.76

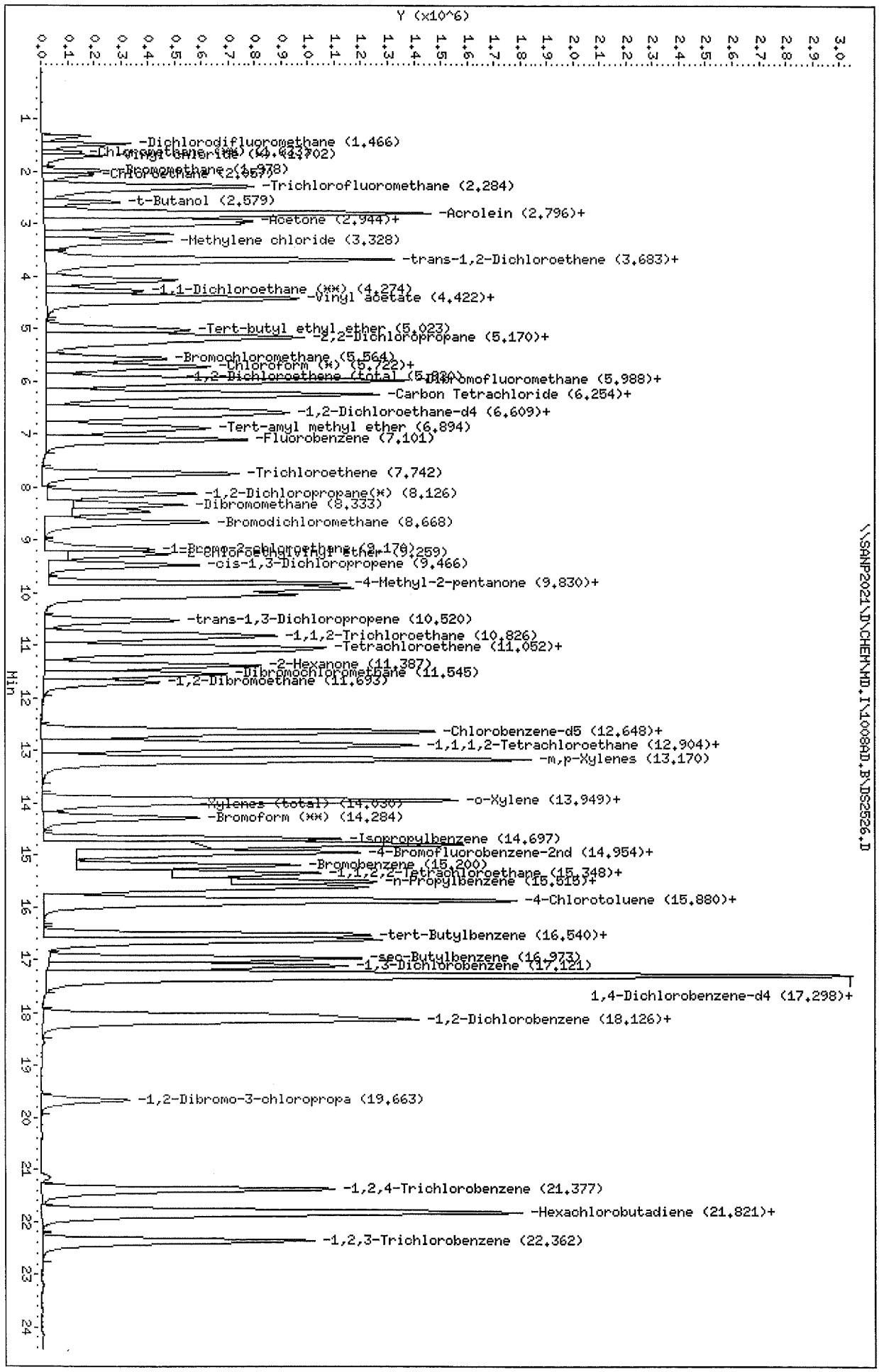
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.968	13.968	(1.108)	1613184	50.0000	46.42
M	63 Xylenes (total)	100				2956714	150.000	138.1
	64 Bromoform (**)	173	14.284	14.284	(1.133)	1070875	50.0000	47.86
	65 Isopropylbenzene	105	14.697	14.697	(1.166)	2997904	50.0000	45.45
	66 4-Bromofluorobenzene-2nd	174	14.963	14.963	(0.866)	1189452	50.0000	47.76
$	67 4-Bromofluorobenzene	95	14.954	14.954	(0.866)	1585880	50.0000	47.71
	68 Bromobenzene	156	15.200	15.200	(0.880)	1008999	50.0000	48.56
	69 1,1,2,2-Tetrachloroethane(**)	83	15.338	15.338	(0.888)	1058931	50.0000	49.50
	70 1,2,3-Trichloropropane	110	15.358	15.358	(0.889)	370507	50.0000	52.88
	71 n-Propylbenzene	91	15.515	15.515	(0.898)	3183893	50.0000	49.18
	72 2-Chlorotoluene	126	15.624	15.624	(0.905)	747475	50.0000	47.76
	73 4-Chlorotoluene	126	15.850	15.850	(0.918)	776959	50.0000	47.53
	74 1,3,5-Trimethylbenzene	105	15.899	15.899	(0.921)	2558391	50.0000	49.13
	75 tert-Butylbenzene	119	16.530	16.530	(0.957)	2646375	50.0000	49.20
	76 1,2,4-Trimethylbenzene	105	16.648	16.648	(0.964)	2570642	50.0000	48.48
	77 sec-Butylbenzene	105	16.983	16.983	(0.983)	3518339	50.0000	49.87
	78 1,3-Dichlorobenzene	146	17.131	17.131	(0.992)	1673740	50.0000	48.03
*	79 1,4-Dichlorobenzene-d4	152	17.269	17.269	(1.000)	1250710	50.0000	
	80 1,4-Dichlorobenzene	146	17.318	17.318	(1.003)	1795001	50.0000	47.21
	81 p-Isopropyltoluene	119	17.308	17.308	(1.002)	2865290	50.0000	49.22
	82 1,2-Dichlorobenzene	146	18.047	18.047	(1.045)	1570321	50.0000	47.12
	83 n-Butylbenzene	91	18.146	18.146	(1.051)	2795661	50.0000	50.30
	84 1,2-Dibromo-3-chloropropane	157	19.673	19.673	(1.139)	362517	50.0000	50.00
	85 1,2,4-Trichlorobenzene	180	21.387	21.387	(1.238)	1428054	50.0000	46.40
	86 Hexachlorobutadiene	225	21.821	21.821	(1.264)	1184901	50.0000	50.97
	87 Napthalene	128	21.850	21.850	(1.265)	2146685	50.0000	46.10
	88 1,2,3-Trichlorobenzene	180	22.362	22.362	(1.295)	1328764	50.0000	46.26

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\DS2526.D
Date : 08-OCT-2000 10:55
Client ID:
Sample Info: 50 PPB 8260B STD,,3.0,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: RRT
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1008AD.B\D12839.D
Lab Smp Id: LCS-1008AD Client Smp ID: D12839
Inj Date : 08-OCT-2000 11:37
Operator : RRT Inst ID: md.i
Smp Info : LCS-1008AD,LCS,2,,0,1,0,8260BDA.M,D12839
Misc Info : 1244-2,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.796	(0.393)	500552	54.3786	54.38
$ 29 Dibromofluoromethane	111	5.987	5.998	(0.844)	1093820	47.0557	47.06
$ 33 1,2-Dichloroethane-d4	65	6.519	6.530	(0.919)	838533	53.4433	53.44
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.530	(0.921)	173075	54.6760	54.68
35 Benzene	78	6.588	6.609	(0.929)	1410021	50.8414	50.84
* 38 Fluorobenzene	96	7.091	7.111	(1.000)	1634236	50.0000	
39 Trichloroethene	130	7.741	7.742	(1.092)	793858	51.9743	51.97
$ 47 Toluene-d8	98	9.909	9.919	(0.785)	1671206	47.7726	47.77
48 Toluene (*)	91	10.037	10.047	(0.795)	1732491	46.9042	46.90
* 56 Chlorobenzene-d5	117	12.618	12.609	(1.000)	1511145	50.0000	
57 Chlorobenzene (**)	112	12.667	12.678	(1.004)	1387849	46.7370	46.74
$ 67 4-Bromofluorobenzene	95	14.953	14.954	(0.866)	1319021	44.3395	44.34
66 4-Bromofluorobenzene-2nd	174	14.953	14.963	(0.866)	976205	43.7983	43.80
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.269	(1.000)	1119360	50.0000	

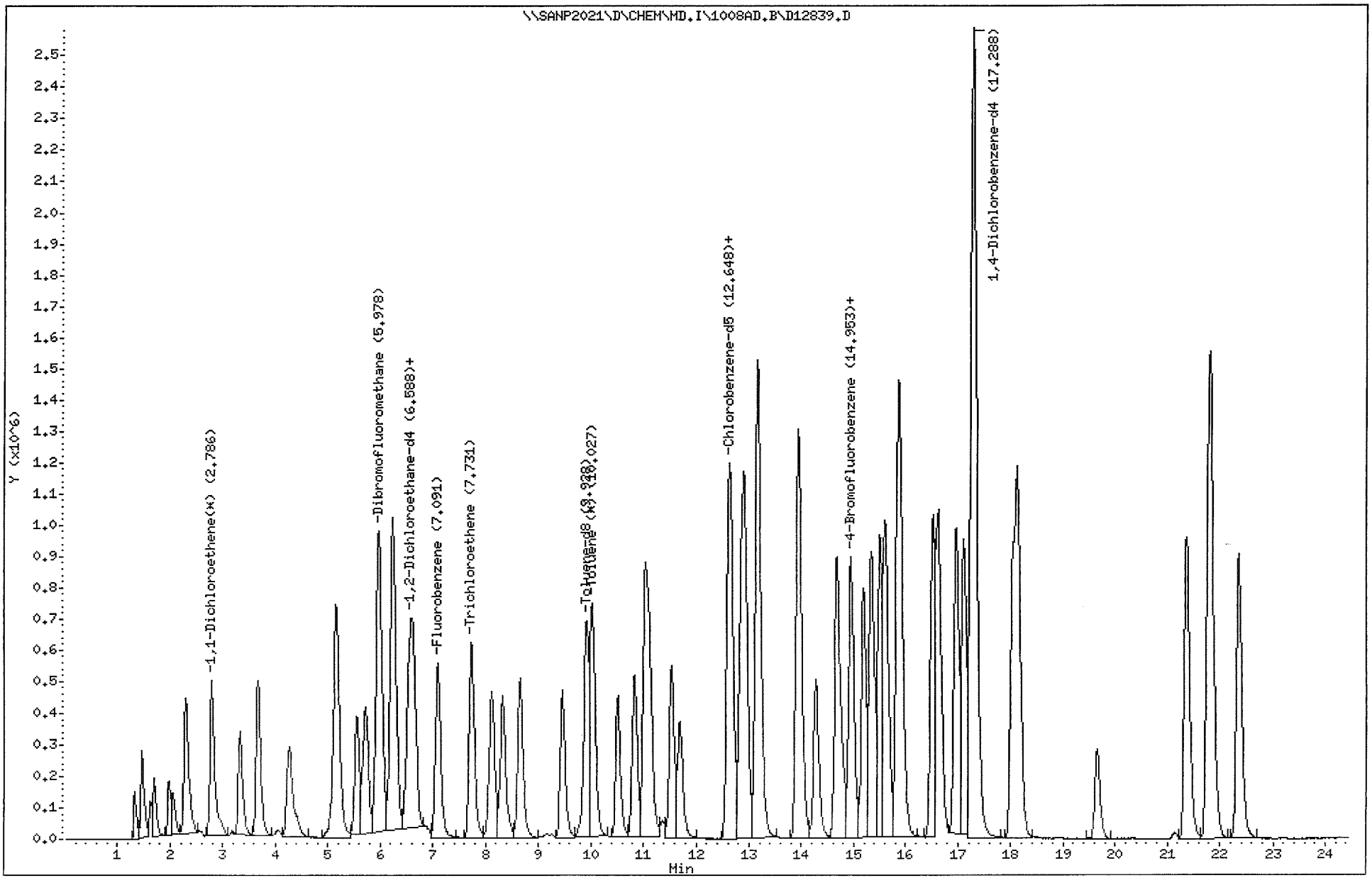
Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12839.D
Date : 08-OCT-2000 11:37
Client ID: D12839
Sample Info: LCS-1008AD,LCS,2,,0,1,0,8260BDA.M,D12839

Instrument: md.i

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



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BOE-C6-0159112

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1008AD.B\D12840.D
Lab Smp Id: MB-1008AD Client Smp ID: D12740
Inj Date : 08-OCT-2000 12:09
Operator : RRT Inst ID: md.i
Smp Info : MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12740
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.984	5.998	(0.843)	981875	47.9993	48.00
$ 33 1,2-Dichloroethane-d4	65	6.516	6.530	(0.918)	684480	49.5732	49.57
34 1,2-Dichloroethane-d4 2nd	102	6.525	6.530	(0.919)	139395	50.0406	50.04
* 38 Fluorobenzene	96	7.097	7.111	(1.000)	1438142	50.0000	
$ 47 Toluene-d8	98	9.924	9.919	(0.787)	1446283	44.1537	44.15
* 56 Chlorobenzene-d5	117	12.614	12.609	(1.000)	1414947	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.949	14.963	(0.865)	860355	43.5690	43.57
$ 67 4-Bromofluorobenzene	95	14.949	14.954	(0.865)	1176893	44.6539	44.65
* 79 1,4-Dichlorobenzene-d4	152	17.274	17.269	(1.000)	991714	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12840.D
Lab Smp Id: MB-1008AD Client Smp ID: D12740
Inj Date : 08-OCT-2000 12:09
Operator : RRT Inst ID: md.i
Smp Info : MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12740
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1008AD
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12740
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

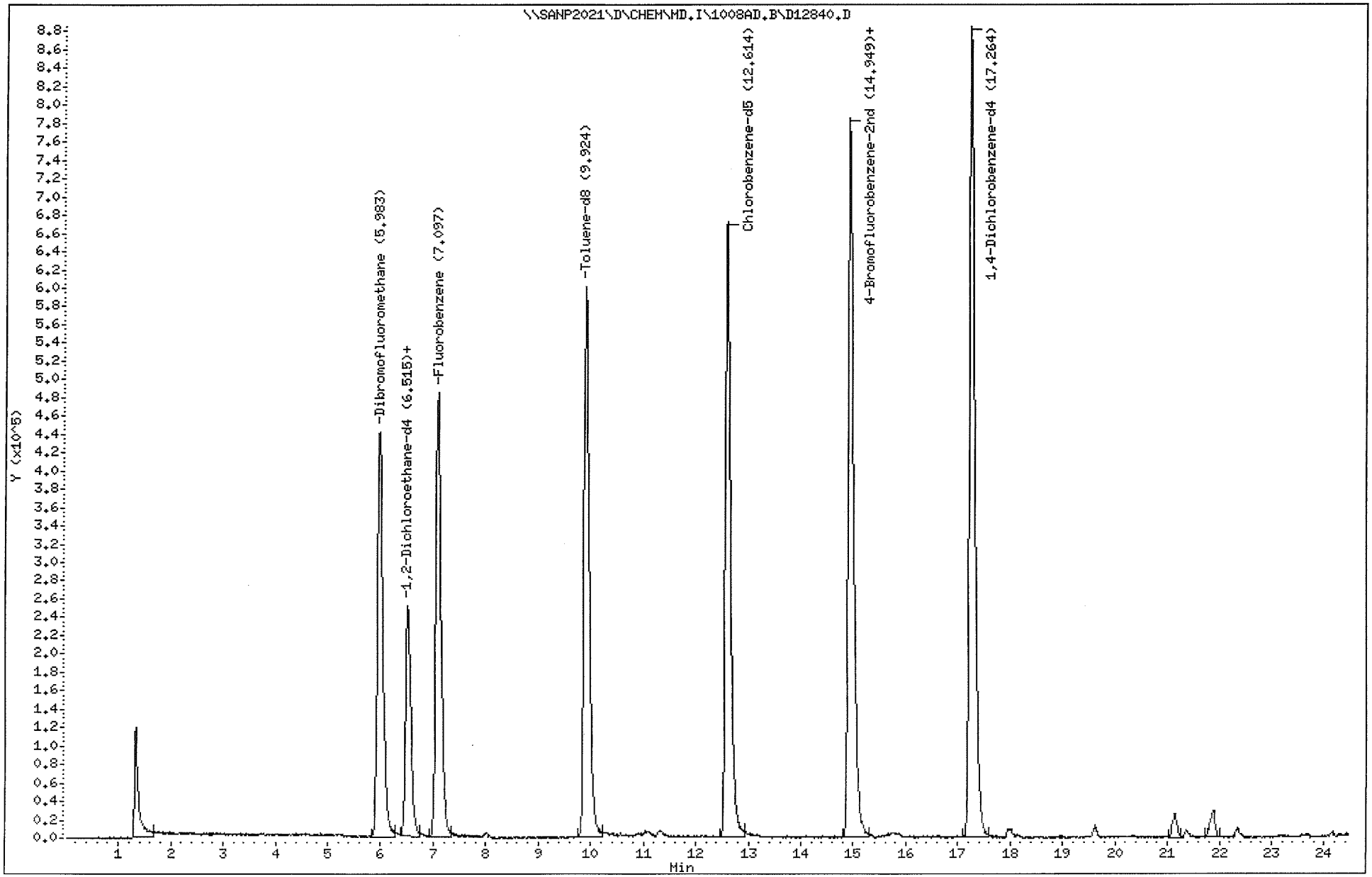
Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12840.D
Date : 08-OCT-2000 12:09
Client ID: D12740
Sample Info: MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12740

Instrument: md.i

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



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Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12840.D

Date : 08-OCT-2000 12:09

Client ID: D12740

Instrument: md.i

Sample Info: MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12740

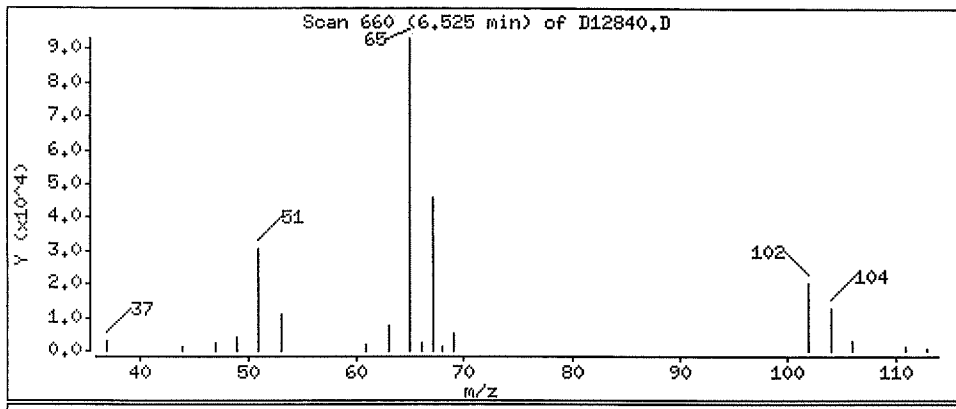
Operator: RRT

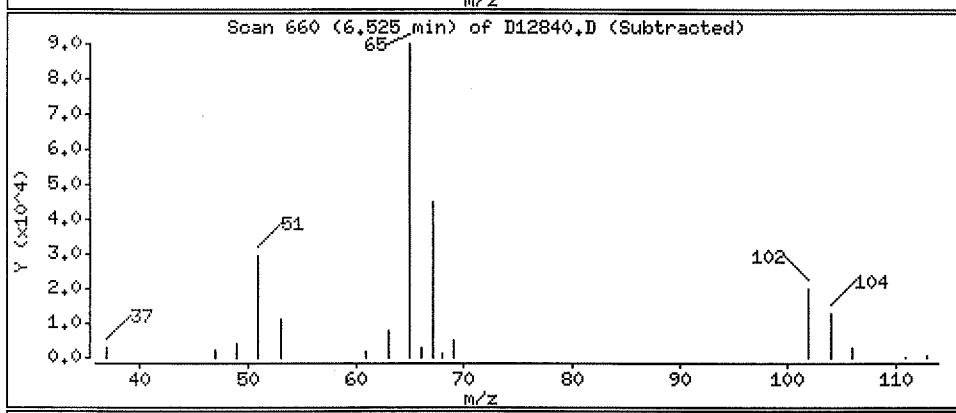
Column phase: J&W DB-624

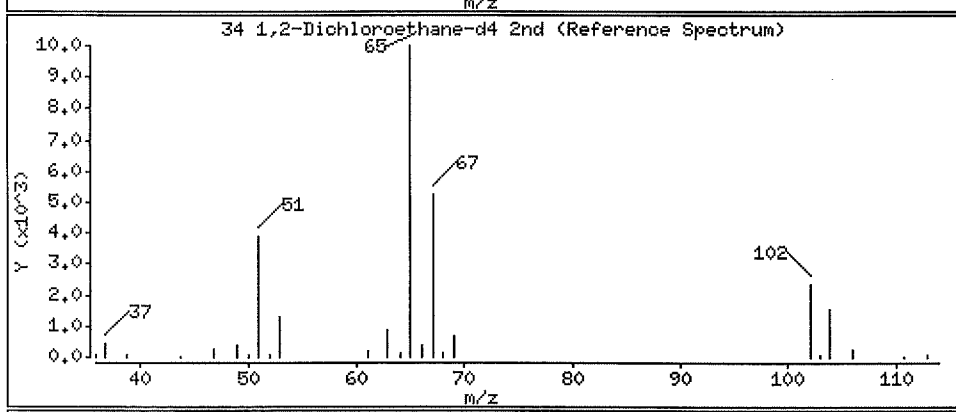
Column diameter: 0.53

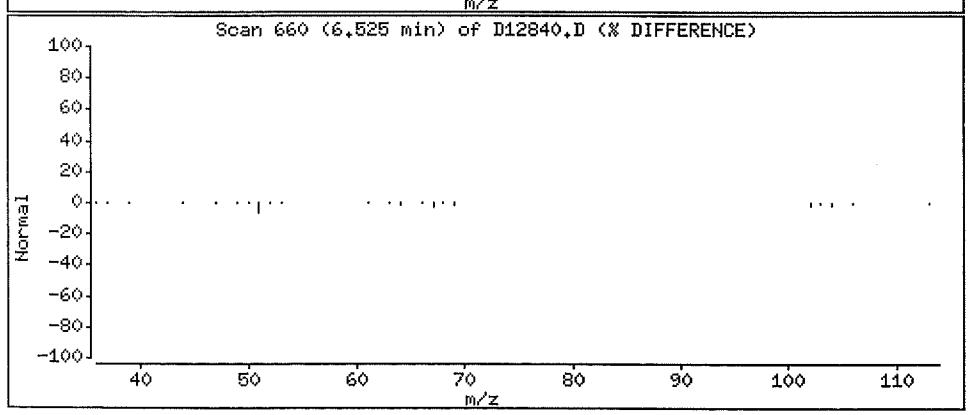
34 1,2-Dichloroethane-d4 2nd

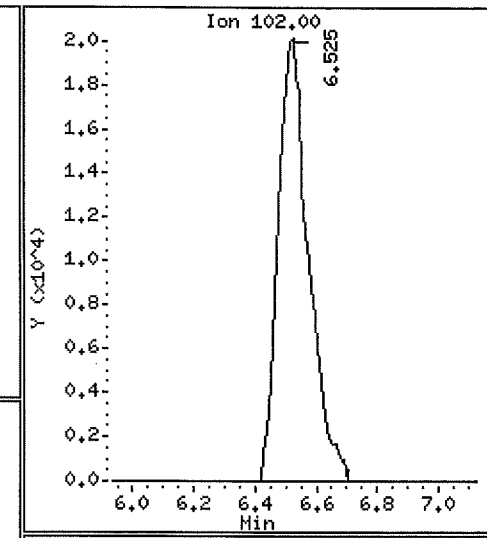
Concentration: 50.04 ug/Kg

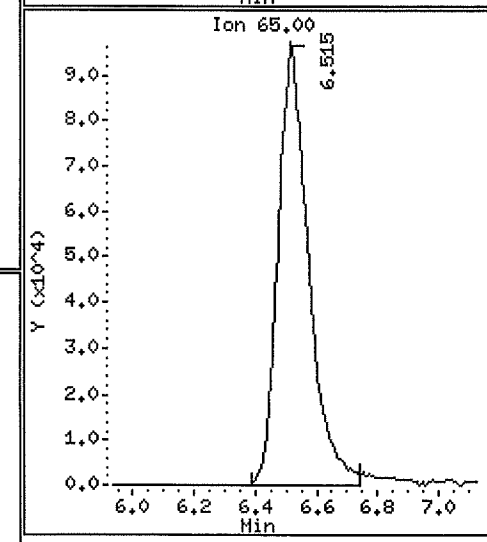












Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12840.D

Date : 08-OCT-2000 12:09

Client ID: D12740

Instrument: md.i

Sample Info: MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12740

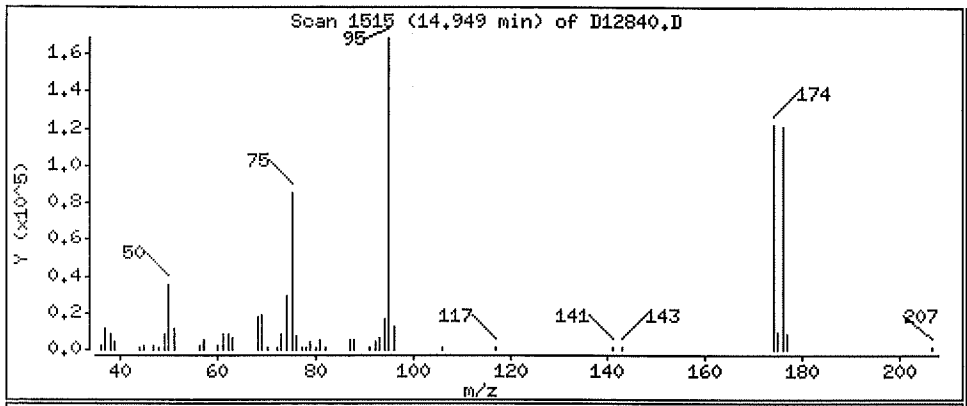
Operator: RRT

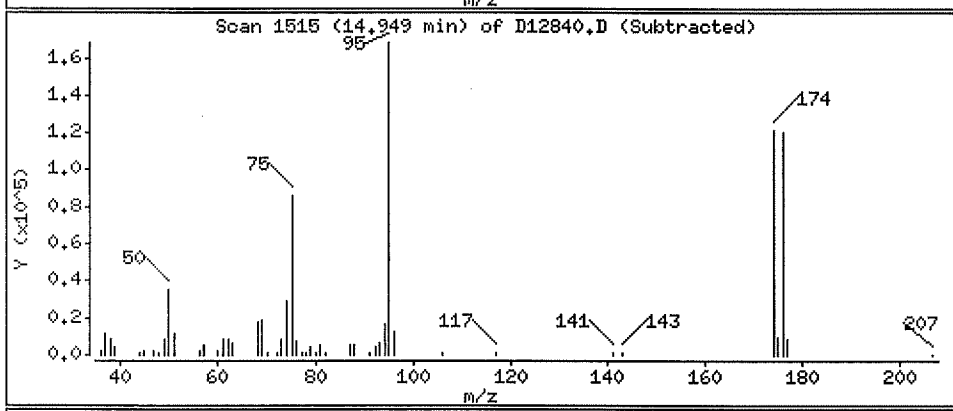
Column phase: J&W DB-624

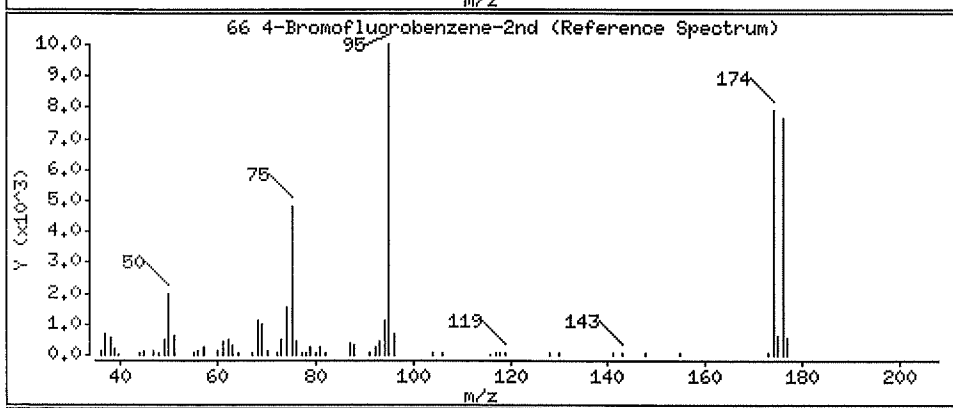
Column diameter: 0.53

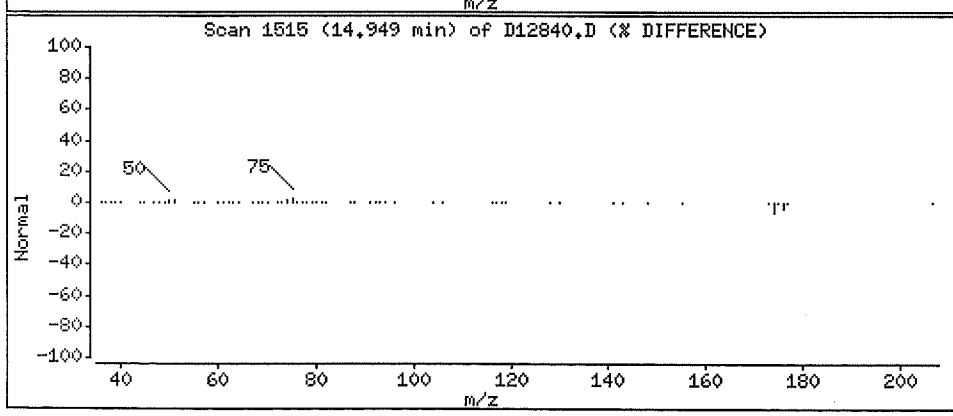
66 4-Bromofluorobenzene-2nd

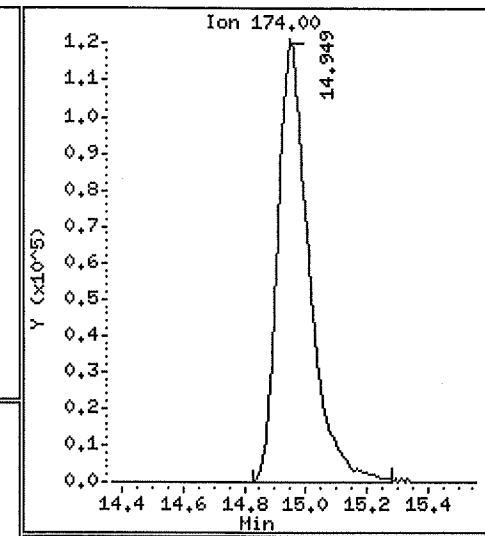
Concentration: 43.57 ug/Kg

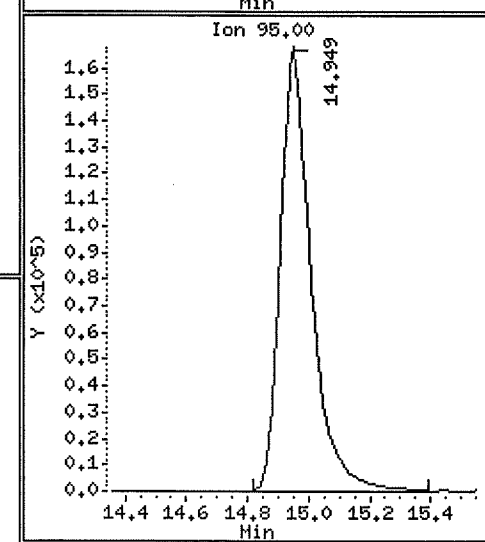


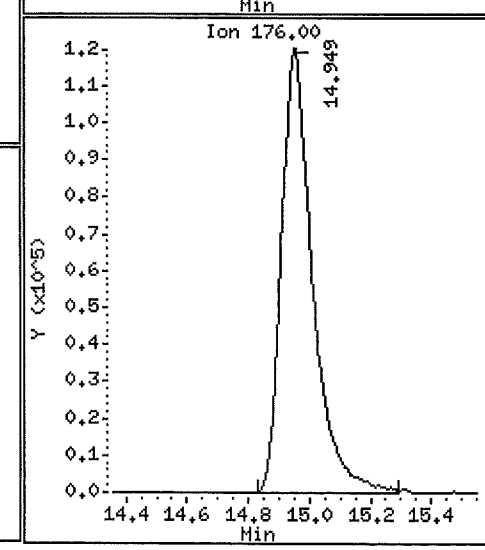












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12846.D
Lab Smp Id: DLC8A102 Client Smp ID: D12746
Inj Date : 08-OCT-2000 15:22
Operator : RRT Inst ID: md.i
Smp Info : DLC8A102,MS,2,,0,1,0,8260BDA.M,D12746
Misc Info : ,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.789	2.796	(0.393)	356354	51.2101	51.21
$ 29 Dibromofluoromethane	111	5.981	5.998	(0.842)	907337	51.6333	51.63
$ 33 1,2-Dichloroethane-d4	65	6.523	6.530	(0.918)	647400	54.5809	54.58
34 1,2-Dichloroethane-d4 2nd	102	6.533	6.530	(0.920)	123560	51.6341	51.63
35 Benzene	78	6.592	6.609	(0.928)	1044183	49.8040	49.80
* 38 Fluorobenzene	96	7.105	7.111	(1.000)	1235435	50.0000	
39 Trichloroethene	130	7.735	7.742	(1.089)	639235	55.3607	55.36
$ 47 Toluene-d8	98	9.922	9.919	(0.786)	1267199	46.3993	46.40
48 Toluene (*)	91	10.041	10.047	(0.795)	1301794	45.1441	45.14
* 56 Chlorobenzene-d5	117	12.622	12.609	(1.000)	1179744	50.0000	
57 Chlorobenzene (**)	112	12.671	12.678	(1.004)	1054887	45.5033	45.50
$ 67 4-Bromofluorobenzene	95	14.957	14.954	(0.866)	1059296	43.6052	43.60
66 4-Bromofluorobenzene-2nd	174	14.957	14.963	(0.866)	788871	43.3415	43.34
* 79 1,4-Dichlorobenzene-d4	152	17.272	17.269	(1.000)	914089	50.0000	

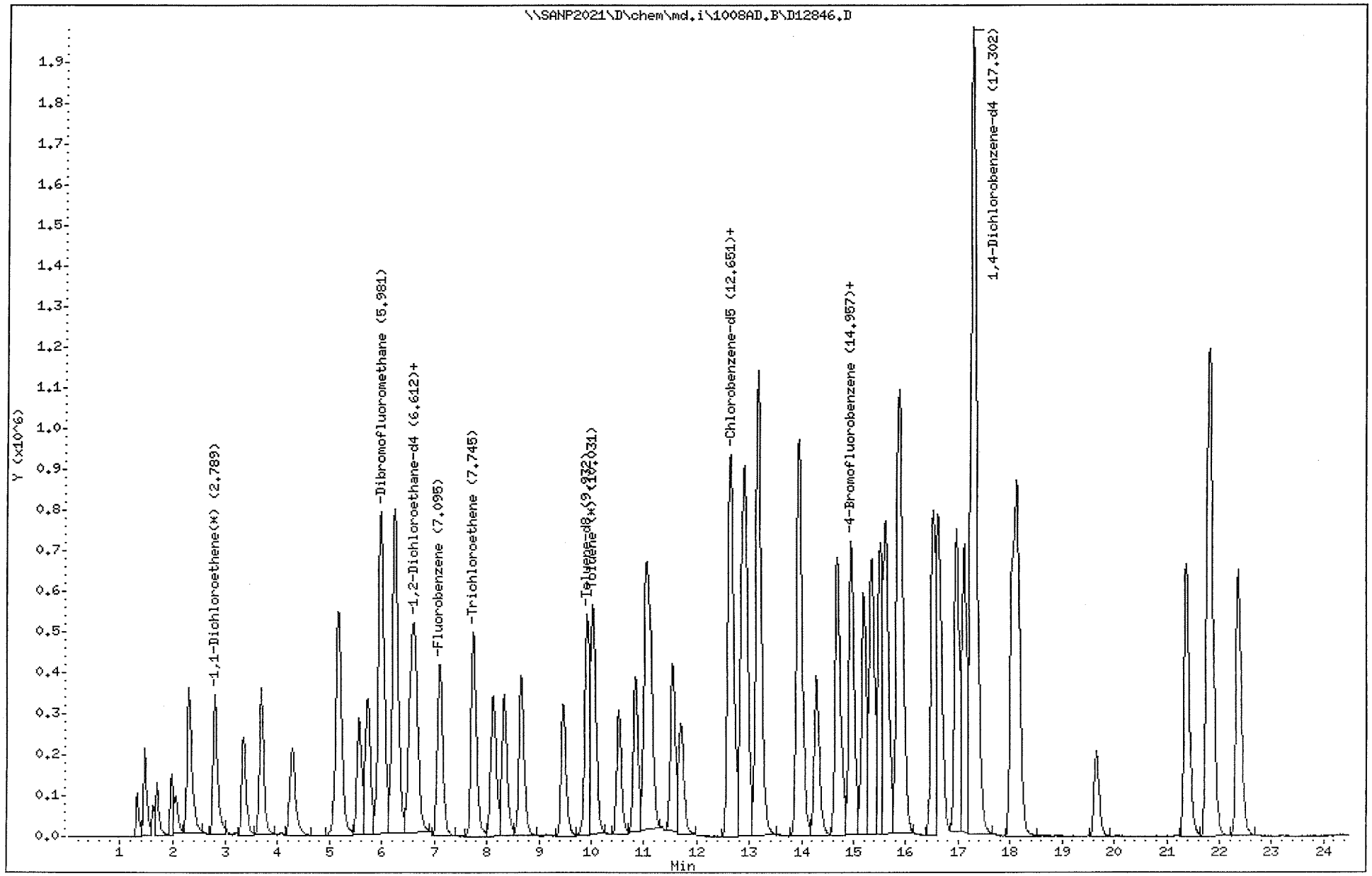
Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12846.D
Date : 08-OCT-2000 15:22
Client ID: D12746
Sample Info: DLC8A102,MS,2,,0,1,0,8260BDA.M,D12746

Instrument: md.i

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



000701

BOE-C6-0159120

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12847.D
Lab Smp Id: DLC8A103 Client Smp ID: D12747
Inj Date : 08-OCT-2000 15:54
Operator : RRT Inst ID: md.i
Smp Info : DLC8A103,MSD,2,,0,1,0,8260BDA.M,D12747
Misc Info : ,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.790	2.796	(0.393)	369989	52.6668	52.67
$ 29 Dibromofluoromethane	111	5.992	5.998	(0.844)	956455	53.9138	53.91
$ 33 1,2-Dichloroethane-d4	65	6.524	6.530	(0.919)	620007	51.7772	51.78
34 1,2-Dichloroethane-d4 2nd	102	6.515	6.530	(0.918)	116729	48.3183	48.32
35 Benzene	78	6.593	6.609	(0.929)	1067500	50.4347	50.43
* 38 Fluorobenzene	96	7.096	7.111	(1.000)	1247228	50.0000	
39 Trichloroethene	130	7.746	7.742	(1.092)	656837	56.3472	56.35
$ 47 Toluene-d8	98	9.914	9.919	(0.785)	1253388	45.5293	45.53
48 Toluene (*)	91	10.042	10.047	(0.795)	1320811	45.4399	45.44
* 56 Chlorobenzene-d5	117	12.623	12.609	(1.000)	1189186	50.0000	
57 Chlorobenzene (**)	112	12.662	12.678	(1.003)	1061562	45.4277	45.43
$ 67 4-Bromofluorobenzene	95	14.958	14.954	(0.866)	1043564	44.0911	44.09
66 4-Bromofluorobenzene-2nd	174	14.948	14.963	(0.866)	780038	43.9870	43.99
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.269	(1.000)	890590	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

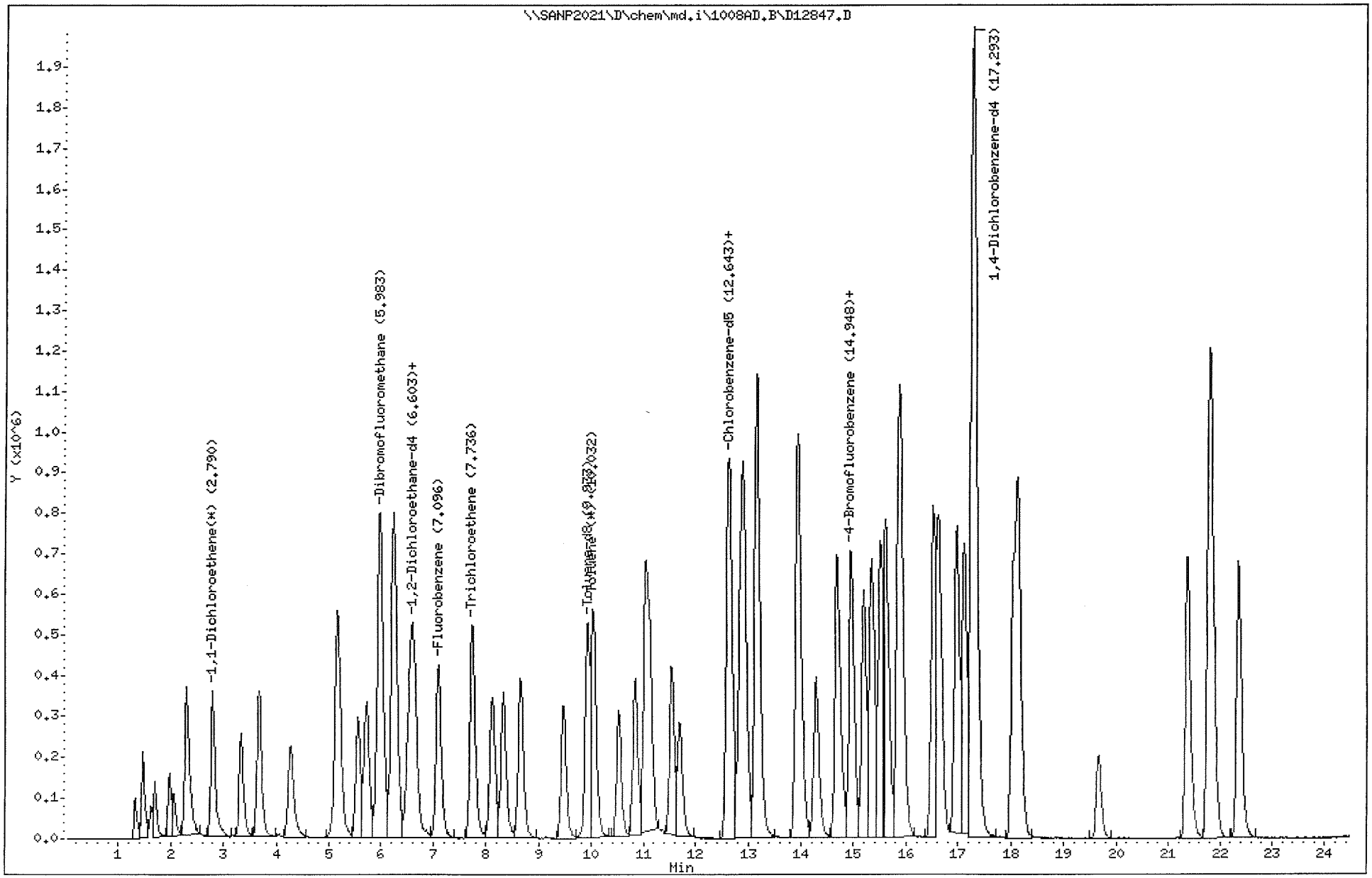
Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12847.D
Date : 08-OCT-2000 15:54
Client ID: D12747
Sample Info: DLC8A103,MSD,2,,0,1,0,8260BDA.M,D12747

Instrument: md.i

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



000704

BOE-C6-0159123

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1008AD.B\D12841.D
Lab Smp Id: DLC8A101 Client Smp ID: D12741
Inj Date : 08-OCT-2000 12:43
Operator : RRT Inst ID: md.i
Smp Info : DLC8A101,,2,,0,1,0,8260BDA.M,D12741
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.984	5.998	(0.843)	945089	50.0056	50.00
$ 33 1,2-Dichloroethane-d4	65	6.516	6.530	(0.918)	649971	50.9504	50.95
34 1,2-Dichloroethane-d4 2nd	102	6.526	6.530	(0.919)	133732	51.9611	51.96
* 38 Fluorobenzene	96	7.097	7.111	(1.000)	1328724	50.0000	
39 Trichloroethene	130	7.737	7.742	(1.090)	29016	2.33655	2.34(a)
$ 47 Toluene-d8	98	9.925	9.919	(0.787)	1366456	45.0268	45.03
* 56 Chlorobenzene-d5	117	12.614	12.609	(1.000)	1310929	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.959	14.963	(0.866)	796702	43.5578	43.56
$ 67 4-Bromofluorobenzene	95	14.949	14.954	(0.865)	1080433	44.2579	44.26
* 79 1,4-Dichlorobenzene-d4	152	17.274	17.269	(1.000)	918578	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12841.D
Lab Smp Id: DLC8A101 Client Smp ID: D12741
Inj Date : 08-OCT-2000 12:43
Operator : RRT Inst ID: md.i
Smp Info : DLC8A101,,2,,0,1,0,8260BDA.M,D12741
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8A101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12741
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12841.D

Date : 08-OCT-2000 12:43

Client ID: D12741

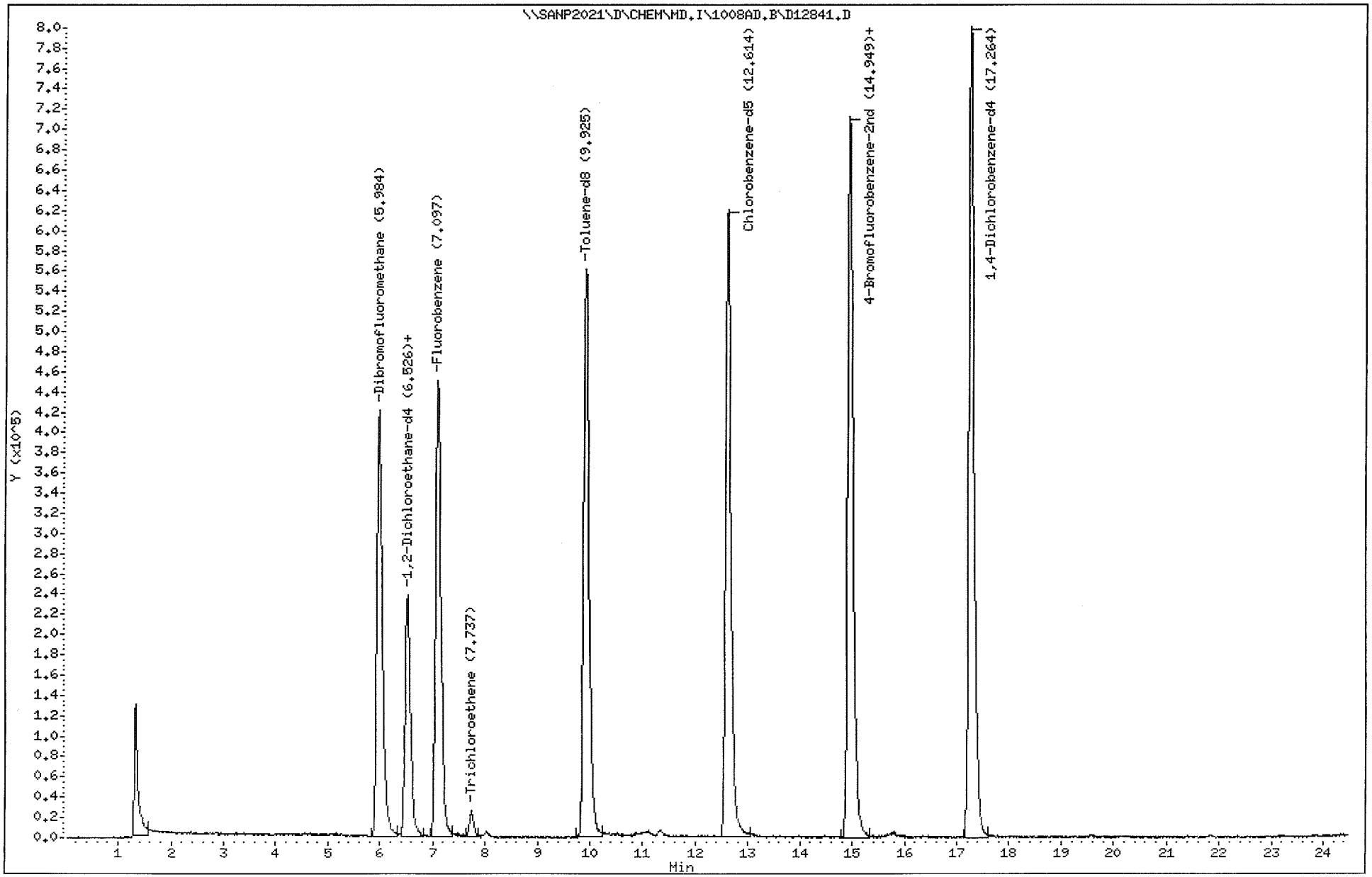
Sample Info: DLC8A101,,2,,0,1,0,8260BDA.M,D12741

Column phase: J&W DB-624

Instrument: md.i

Operator: RRT

Column diameter: 0.53



000709

BOE-C6-0159128

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1008AD.B\D12842.D
Lab Smp Id: DLC86101 Client Smp ID: D12742
Inj Date : 08-OCT-2000 13:15
Operator : RRT Inst ID: md.i
Smp Info : DLC86101,,2,,0,1,0,8260BDA.M,D12742
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.978	5.998	(0.843)	901742	49.4645	49.46	
$ 33 1,2-Dichloroethane-d4	65	6.520	6.530	(0.919)	616046	50.0647	50.06	
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.530	(0.921)	119515	48.1430	48.14	
* 38 Fluorobenzene	96	7.091	7.111	(1.000)	1281650	50.0000		
$ 47 Toluene-d8	98	9.928	9.919	(0.787)	1299776	44.5400	44.54	
* 56 Chlorobenzene-d5	117	12.608	12.609	(1.000)	1260587	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.963	14.963	(0.866)	782720	43.4182	43.42	
$ 67 4-Bromofluorobenzene	95	14.953	14.954	(0.866)	1055952	43.8867	43.89	
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.269	(1.000)	905359	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12842.D
Lab Smp Id: DLC86101 Client Smp ID: D12742
Inj Date : 08-OCT-2000 13:15
Operator : RRT Inst ID: md.i
Smp Info : DLC86101,,2,,0,1,0,8260BDA.M,D12742
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC86101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12742
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12842.D

Date : 08-OCT-2000 13:15

Client ID: D12742

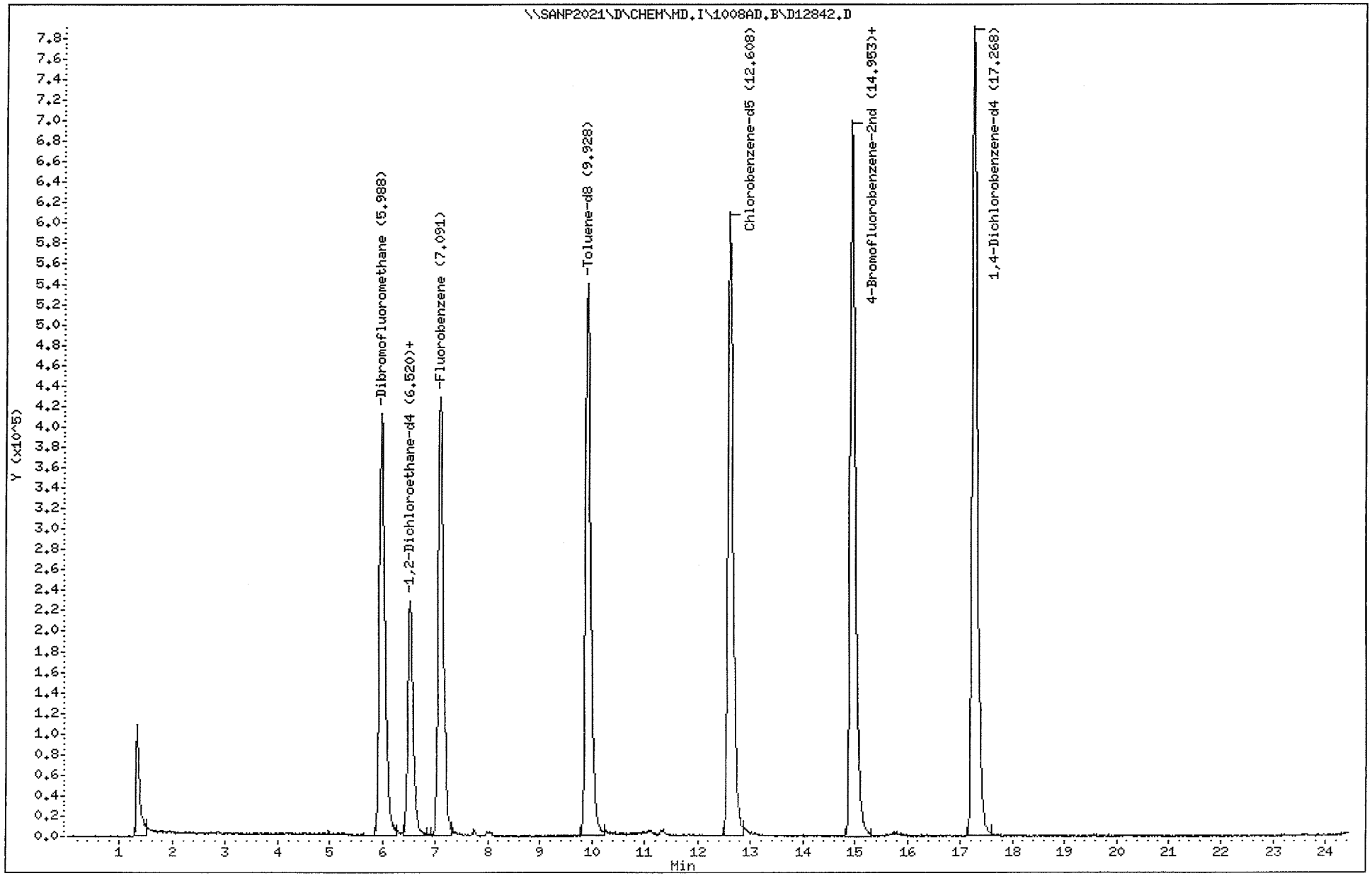
Sample Info: DLC86101,,2,,0,1,0,8260BDA.M,D12742

Column phase: J&W DB-624

Instrument: md.i

Operator: RRT

Column diameter: 0.53



000713

BOE-C6-0159132

Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12842.D

Date : 08-OCT-2000 13:15

Client ID: D12742

Instrument: md.i

Sample Info: DLC86101,,2,,0,1,0,8260BDA.M,D12742

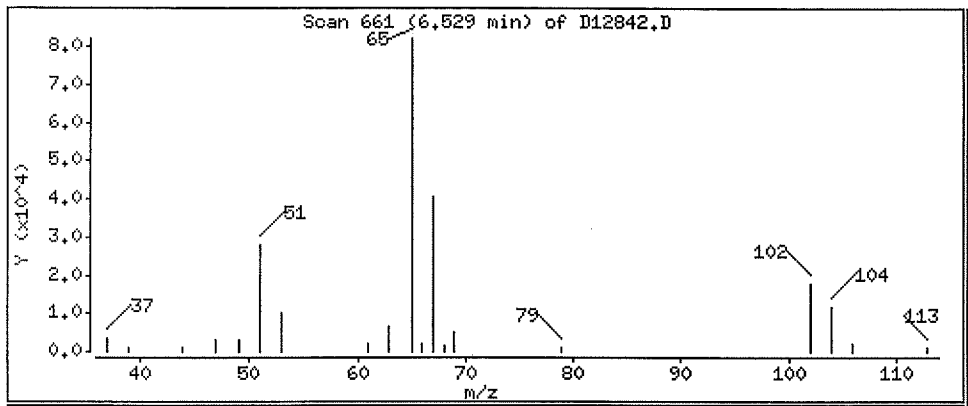
Operator: RRT

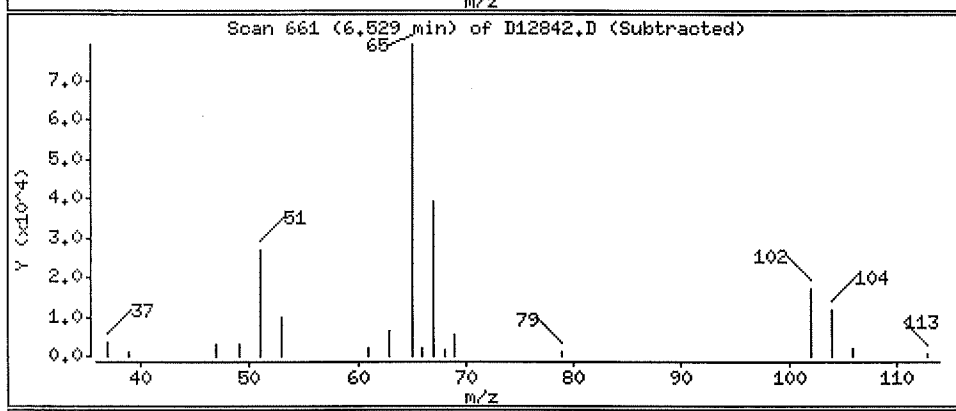
Column phase: J&W DB-624

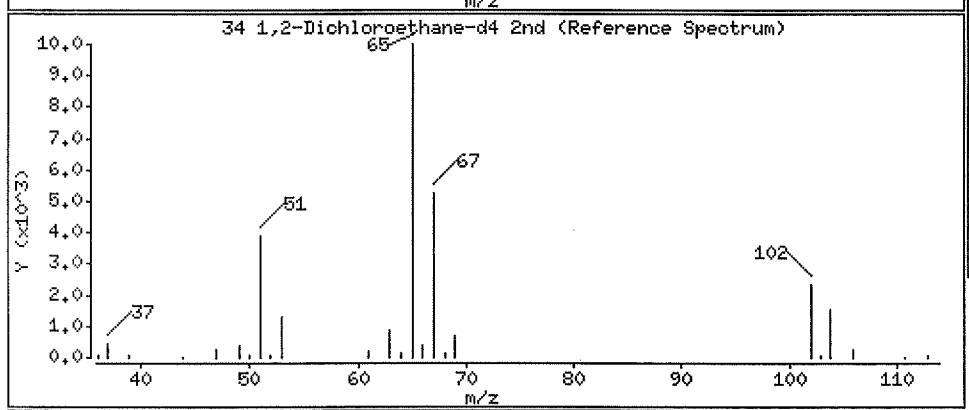
Column diameter: 0.53

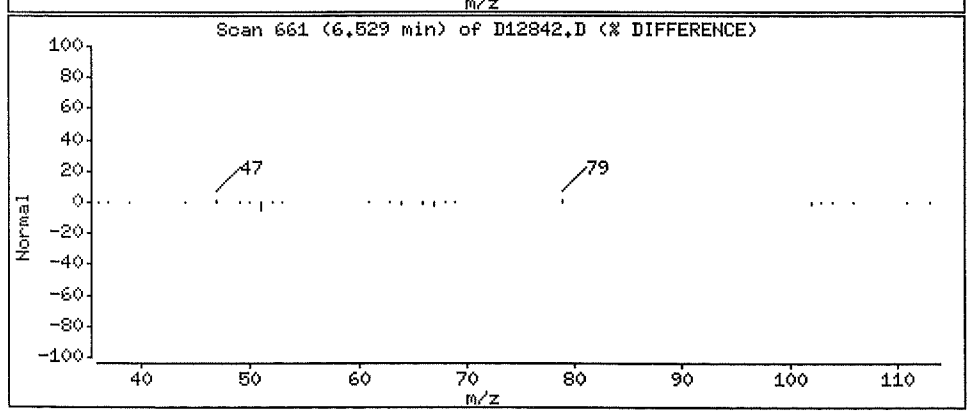
34 1,2-Dichloroethane-d4 2nd

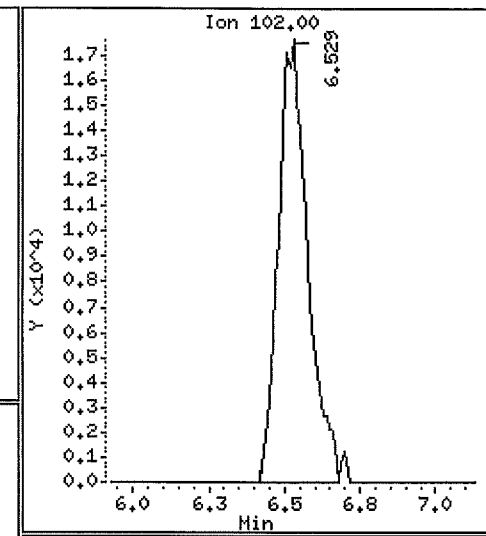
Concentration: 48.14 ug/Kg

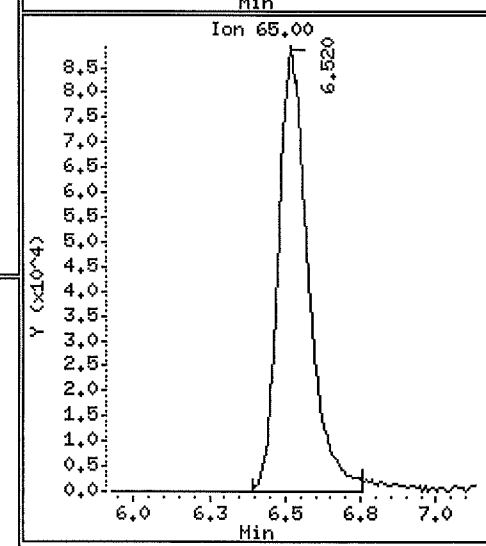












Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12842.D

Date : 08-OCT-2000 13:15

Client ID: D12742

Instrument: md.i

Sample Info: DLC86101,,2,,0,1,0,8260BDA.M,D12742

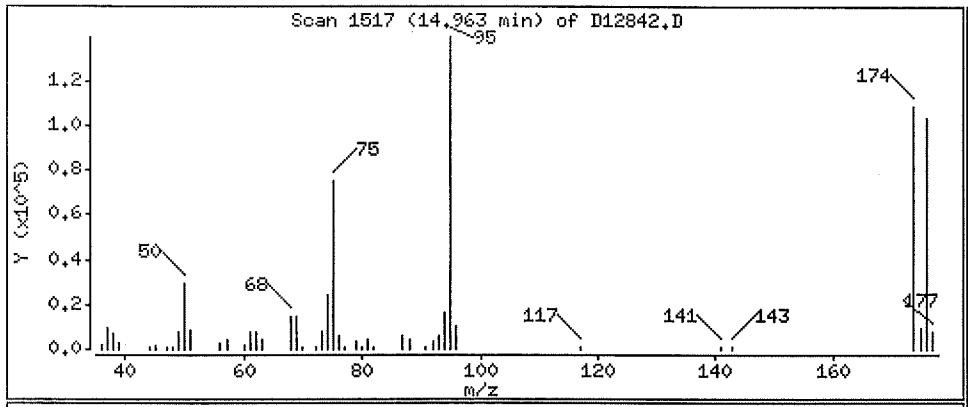
Operator: RRT

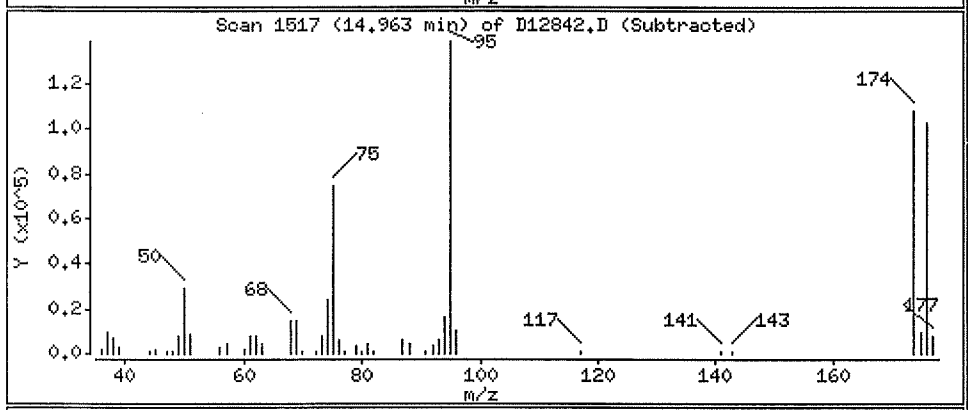
Column phase: J&W DB-624

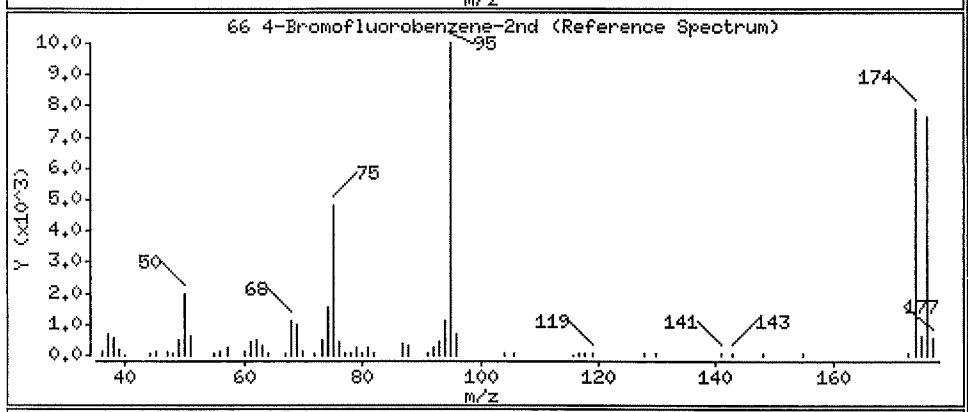
Column diameter: 0.53

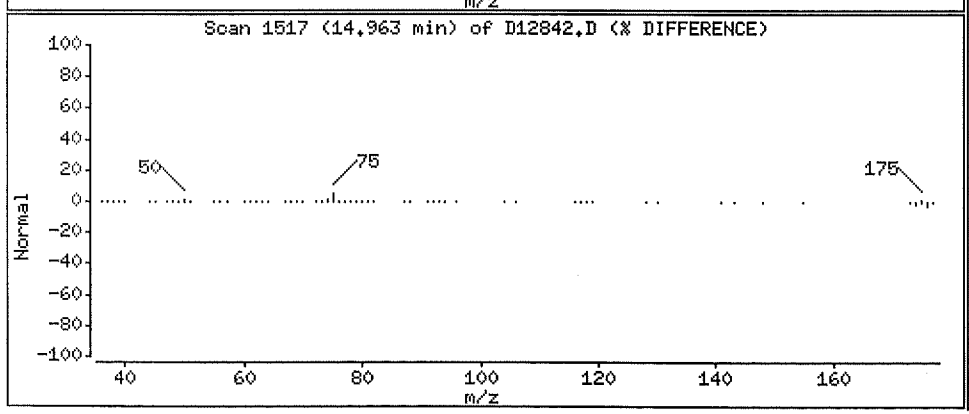
66 4-Bromofluorobenzene-2nd

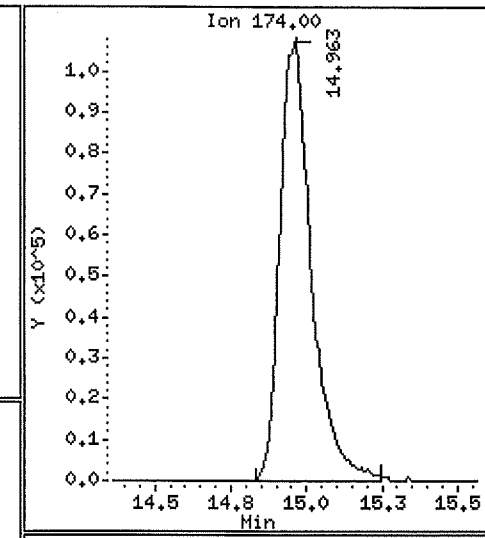
Concentration: 43.42 ug/Kg

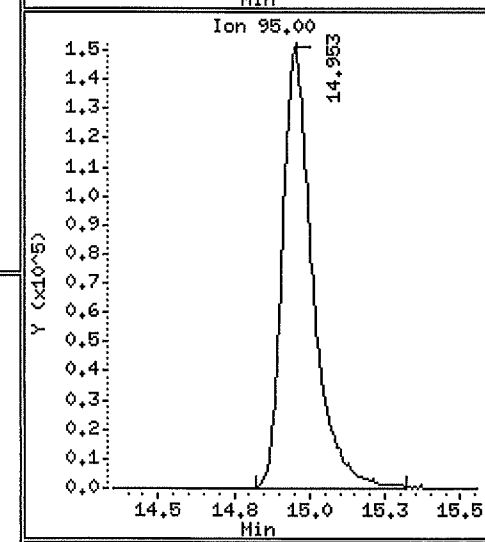


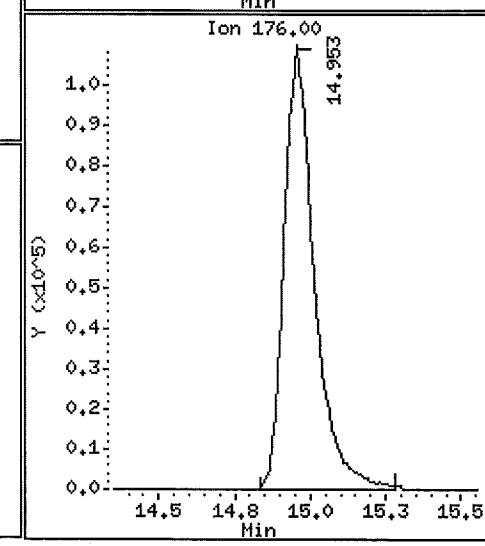












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1008AD.B\D12843.D
Lab Smp Id: DLC87101 Client Smp ID: D12743
Inj Date : 08-OCT-2000 13:47
Operator : RRT Inst ID: md.i
Smp Info : DLC87101,,2,,0,1,0,8260BDA.M,D12743
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.987	5.998	(0.843)	890721	49.4168	49.42	
$ 33 1,2-Dichloroethane-d4	65	6.509	6.530	(0.917)	599159	49.2473	49.25	
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.530	(0.918)	118753	48.3809	48.38	
* 38 Fluorobenzene	96	7.100	7.111	(1.000)	1267207	50.0000		
39 Trichloroethene	130	7.721	7.742	(1.087)	126031	10.6413	10.64	
$ 47 Toluene-d8	98	9.928	9.919	(0.787)	1268683	44.1442	44.14	
* 56 Chlorobenzene-d5	117	12.607	12.609	(1.000)	1241464	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.963	(0.865)	740787	43.5894	43.59	
$ 67 4-Bromofluorobenzene	95	14.962	14.954	(0.866)	1005552	44.3317	44.33	
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.269	(1.000)	853490	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12843.D
Lab Smp Id: DLC87101 Client Smp ID: D12743
Inj Date : 08-OCT-2000 13:47
Operator : RRT Inst ID: md.i
Smp Info : DLC87101,,2,,0,1,0,8260BDA.M,D12743
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC87101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12743
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

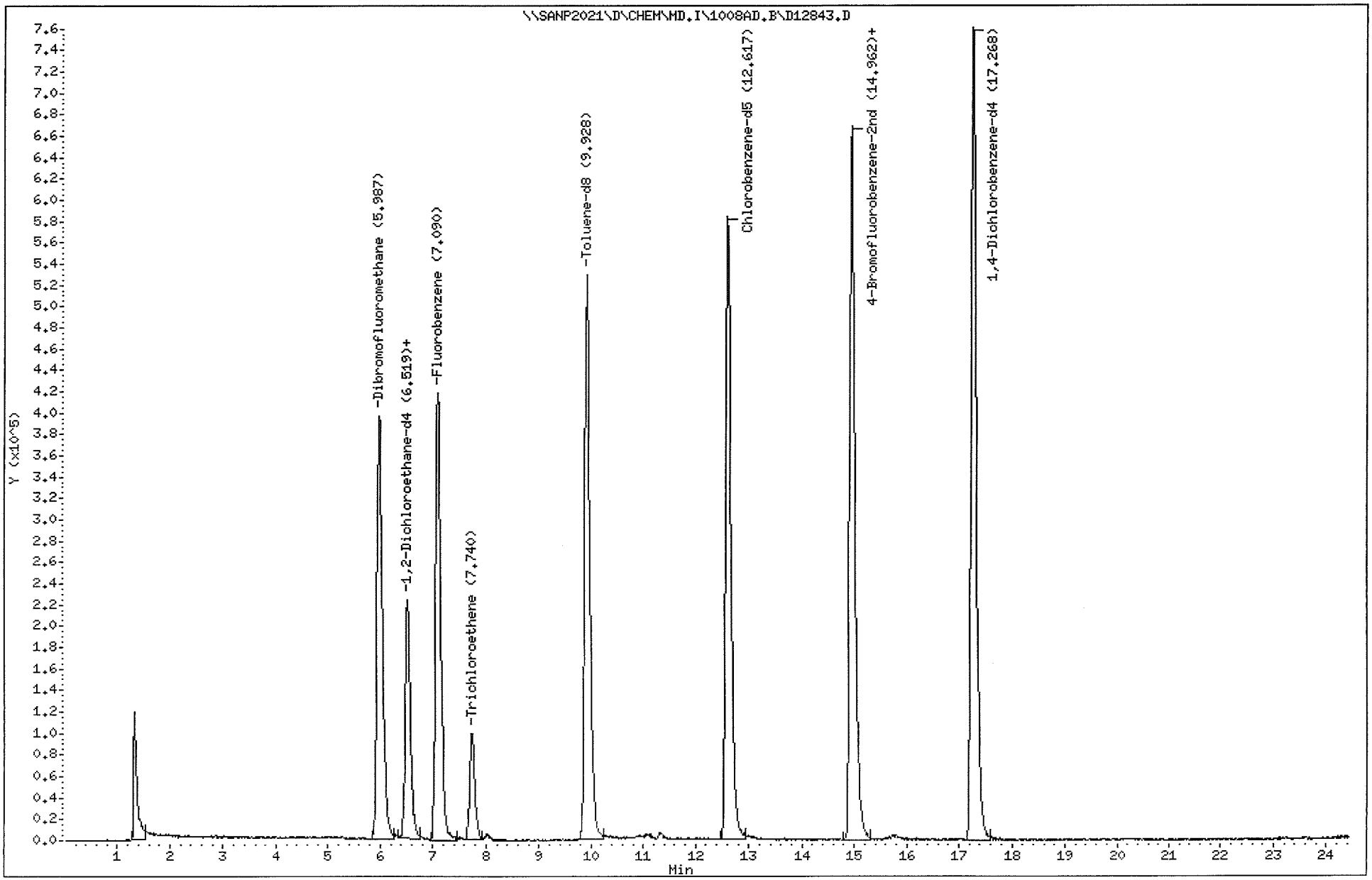
Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12843.D
Date : 08-OCT-2000 13:47
Client ID: D12743
Sample Info: DLC87101,,2,,0,1,0,8260BDA.M,D12743

Instrument: md.i

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159139

000720

Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12843.D

Date : 08-OCT-2000 13:47

Client ID: D12743

Instrument: md.i

Sample Info: DLC87101,,2,,0,1,0,8260BDA.M,D12743

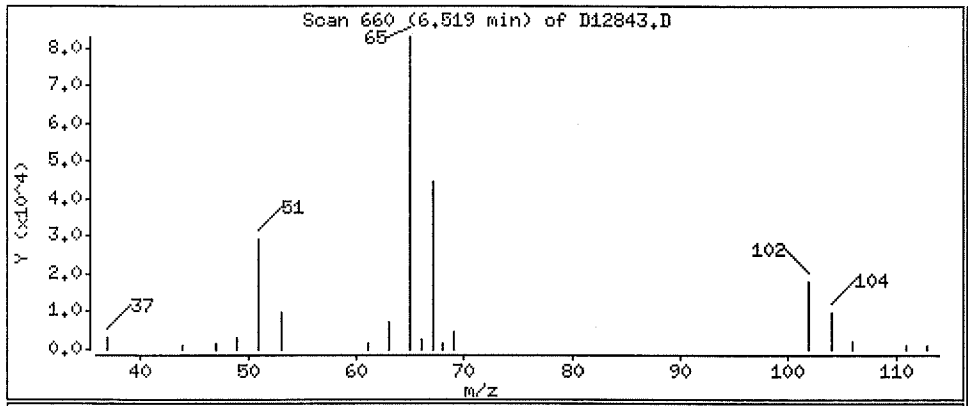
Operator: RRT

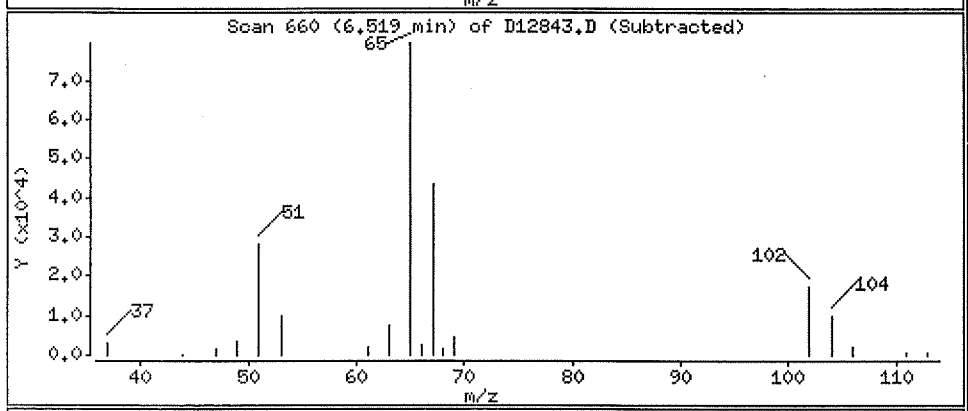
Column phase: J&W DB-624

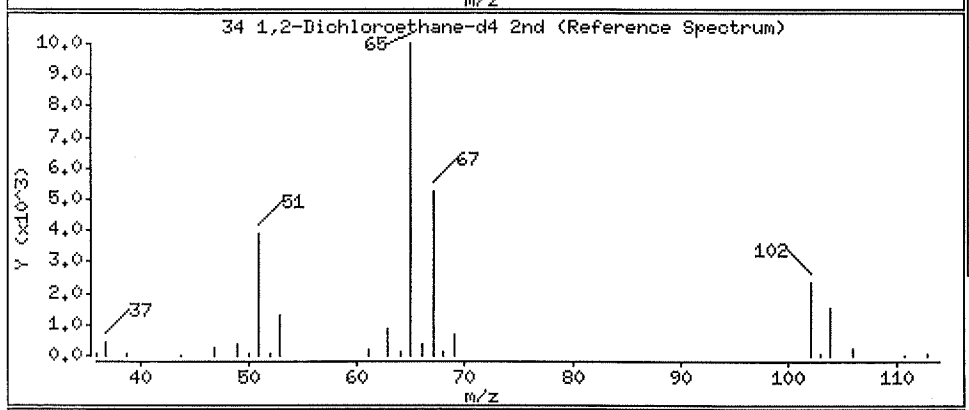
Column diameter: 0.53

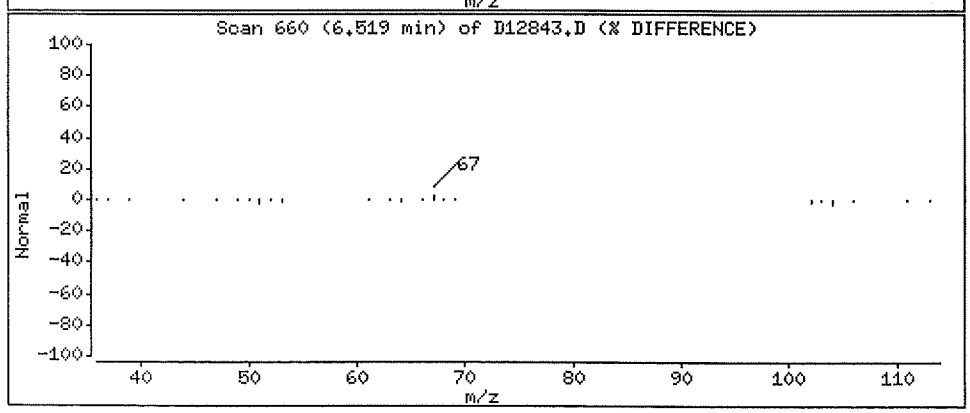
34 1,2-Dichloroethane-d4 2nd

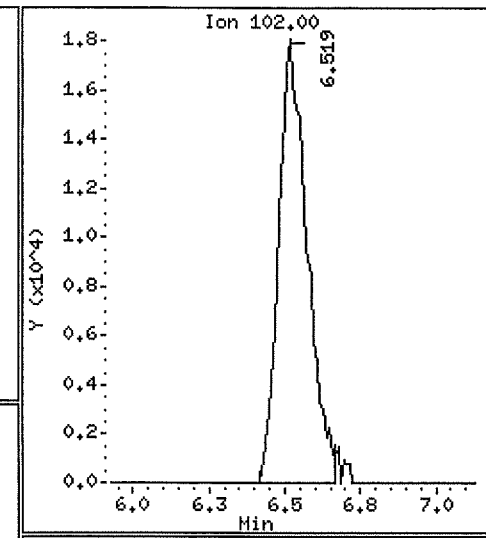
Concentration: 48.38 ug/Kg

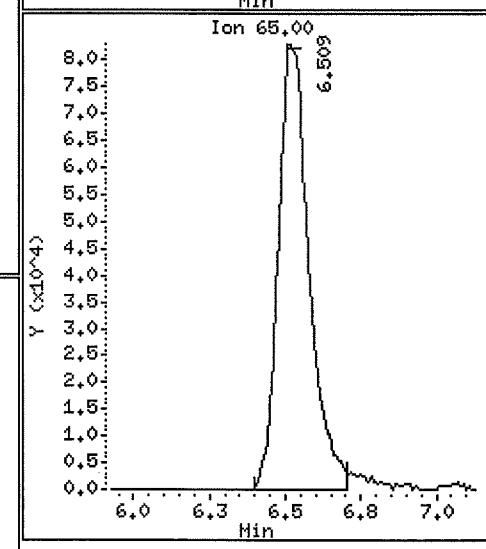












Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12843.D

Date : 08-OCT-2000 13:47

Client ID: D12743

Instrument: md.i

Sample Info: DLC87101,,2,,0,1,0,8260BDA.M,D12743

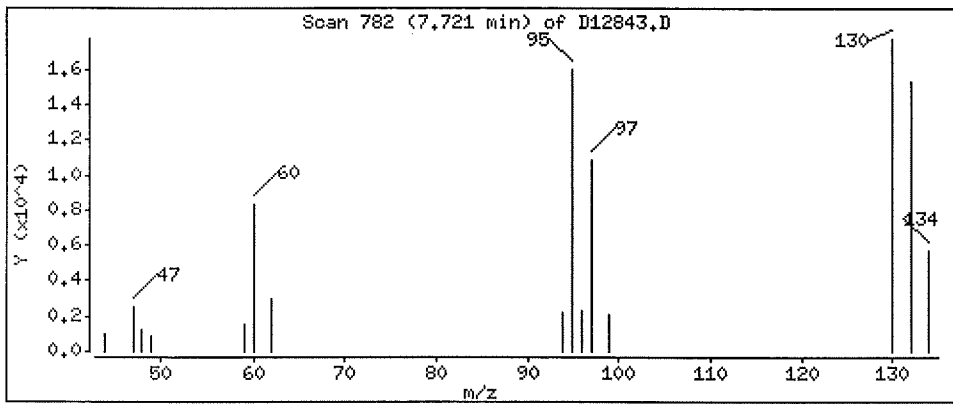
Operator: RRT

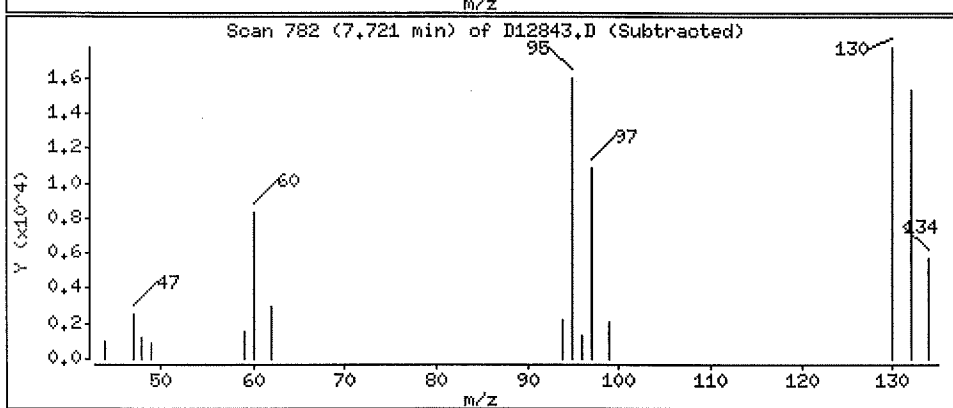
Column phase: J&W DB-624

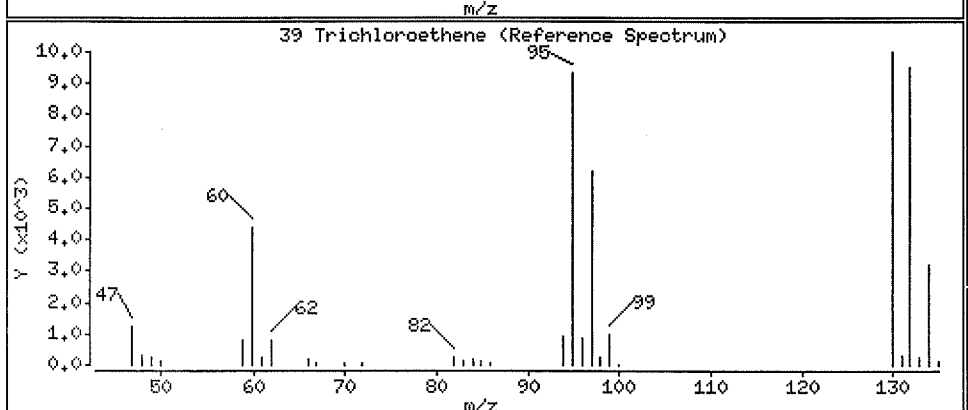
Column diameter: 0.53

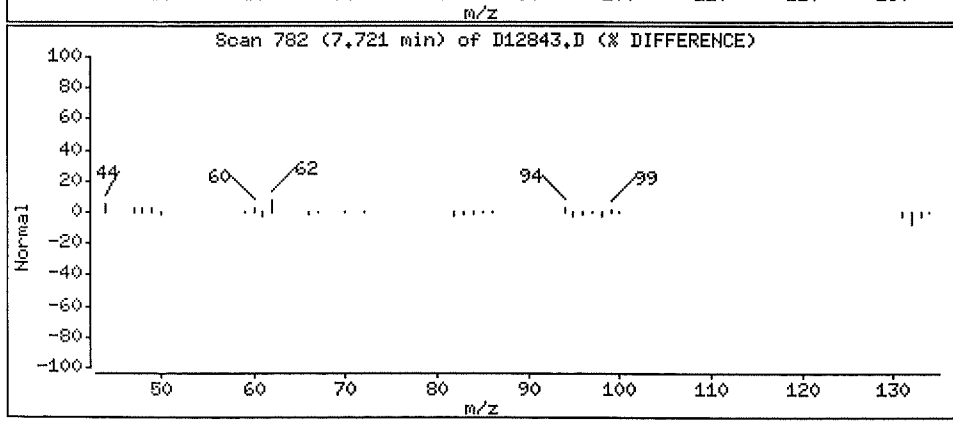
39 Trichloroethene

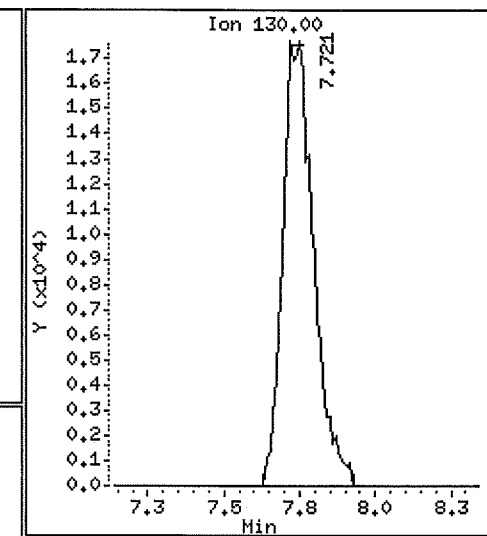
Concentration: 10.64 ug/Kg

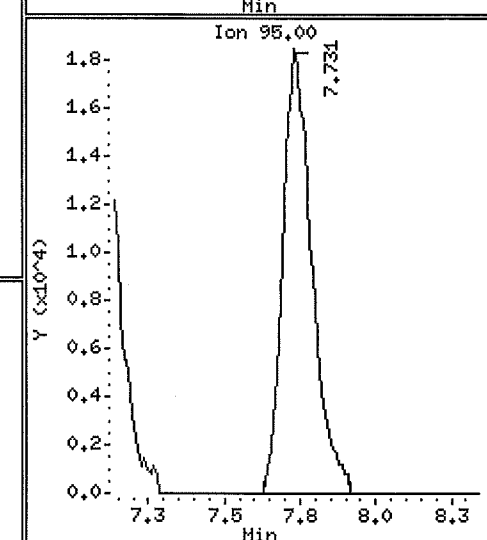


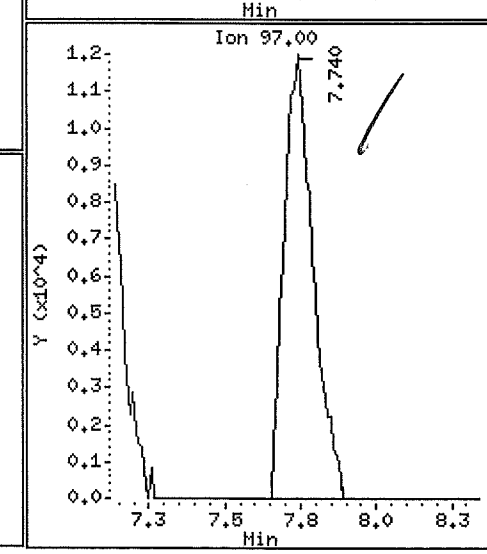












Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12843.D

Date : 08-OCT-2000 13:47

Client ID: D12743

Instrument: md.i

Sample Info: DLC87101,,2,,0,1,0,8260BDA.M,D12743

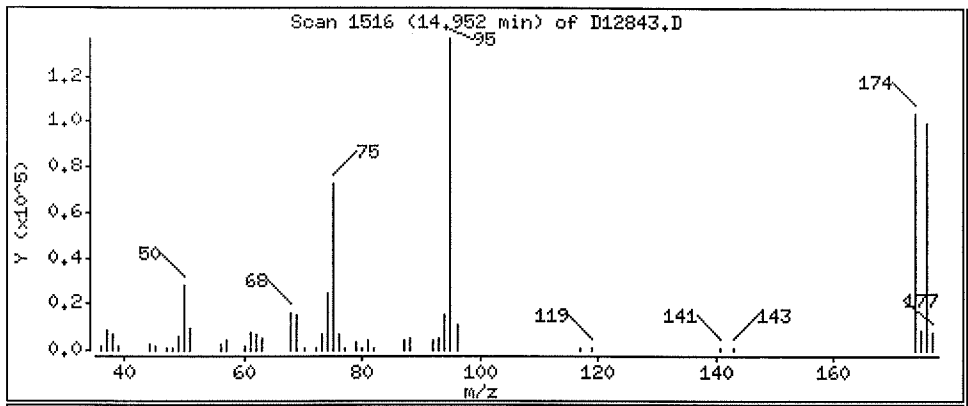
Operator: RRT

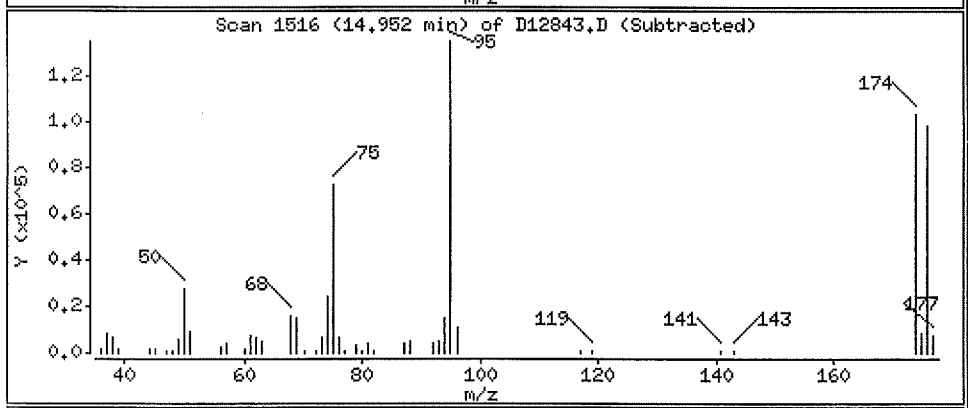
Column phase: J&W DB-624

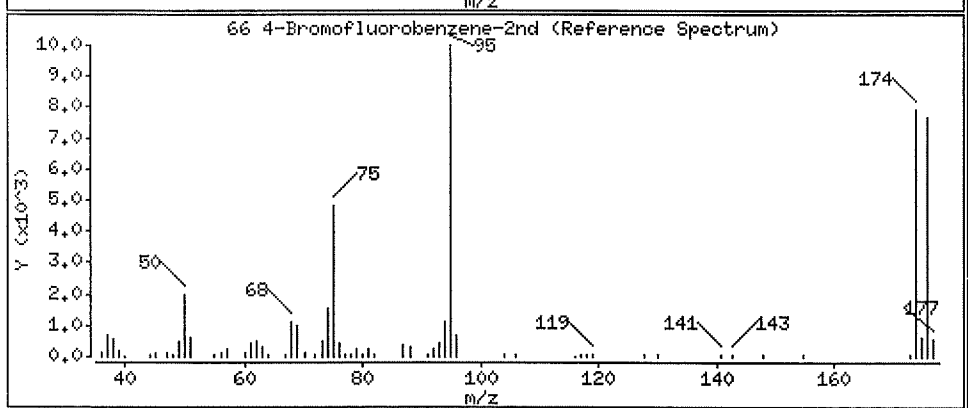
Column diameter: 0.53

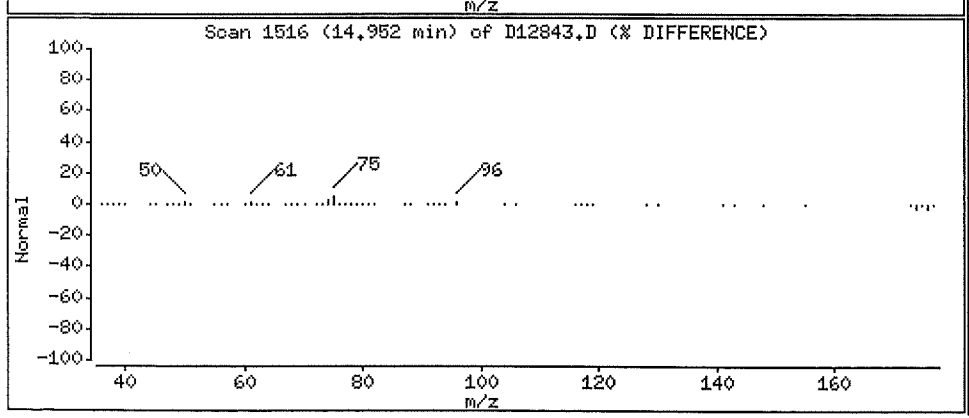
66 4-Bromofluorobenzene-2nd

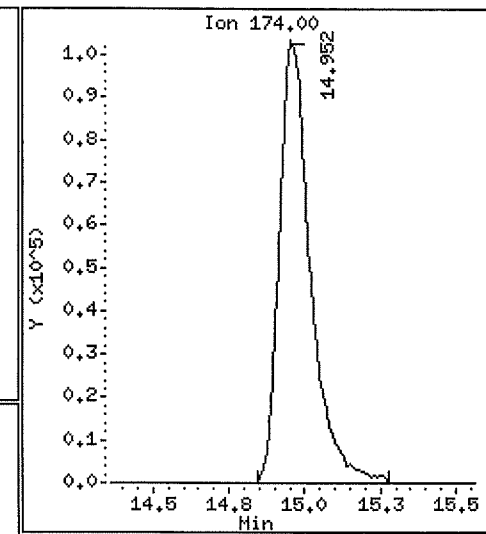
Concentration: 43.59 ug/Kg

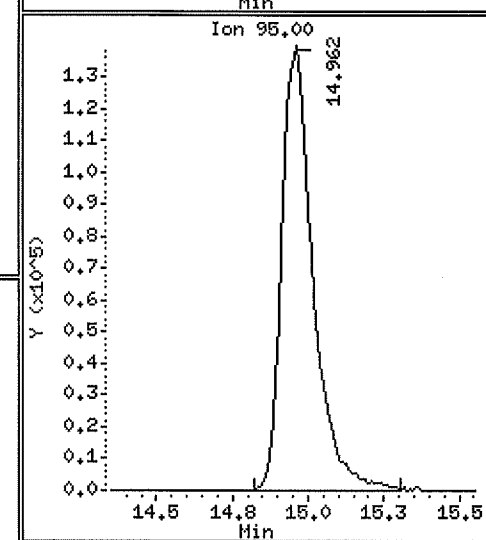


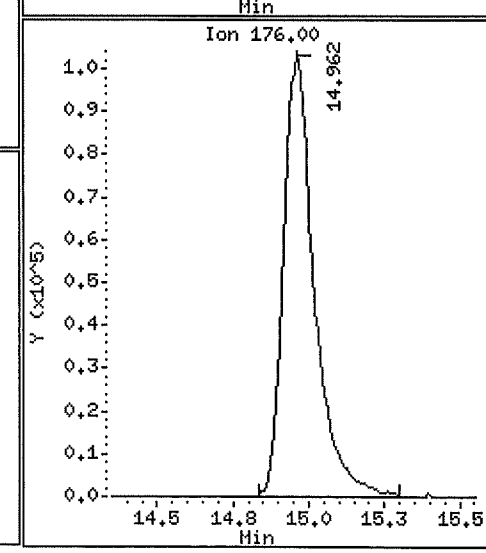












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1008AD.B\D12844.D
Lab Smp Id: DLC88101 Client Smp ID: D12744
Inj Date : 08-OCT-2000 14:19
Operator : RRT Inst ID: md.i
Smp Info : DLC88101,,2,,0,1,0,8260BDA.M,D12744
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.987	5.998	(0.843)	890725	50.4807	50.48
$ 33 1,2-Dichloroethane-d4	65	6.519	6.530	(0.918)	599356	50.3238	50.32
34 1,2-Dichloroethane-d4 2nd	102	6.539	6.530	(0.921)	115600	48.1104	48.11
* 38 Fluorobenzene	96	7.100	7.111	(1.000)	1240508	50.0000	
39 Trichloroethene	130	7.731	7.742	(1.089)	79333	6.84258	6.84 (Q)
$ 47 Toluene-d8	98	9.918	9.919	(0.786)	1231326	43.4954	43.50
* 56 Chlorobenzene-d5	117	12.618	12.609	(1.000)	1222881	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.953	14.963	(0.866)	749906	43.8487	43.85
$ 67 4-Bromofluorobenzene	95	14.953	14.954	(0.866)	1005537	44.0524	44.05
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.269	(1.000)	858889	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12844.D
Lab Smp Id: DLC88101 Client Smp ID: D12744
Inj Date : 08-OCT-2000 14:19
Operator : RRT Inst ID: md.i
Smp Info : DLC88101,,2,,0,1,0,8260BDA.M,D12744
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC88101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12744
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

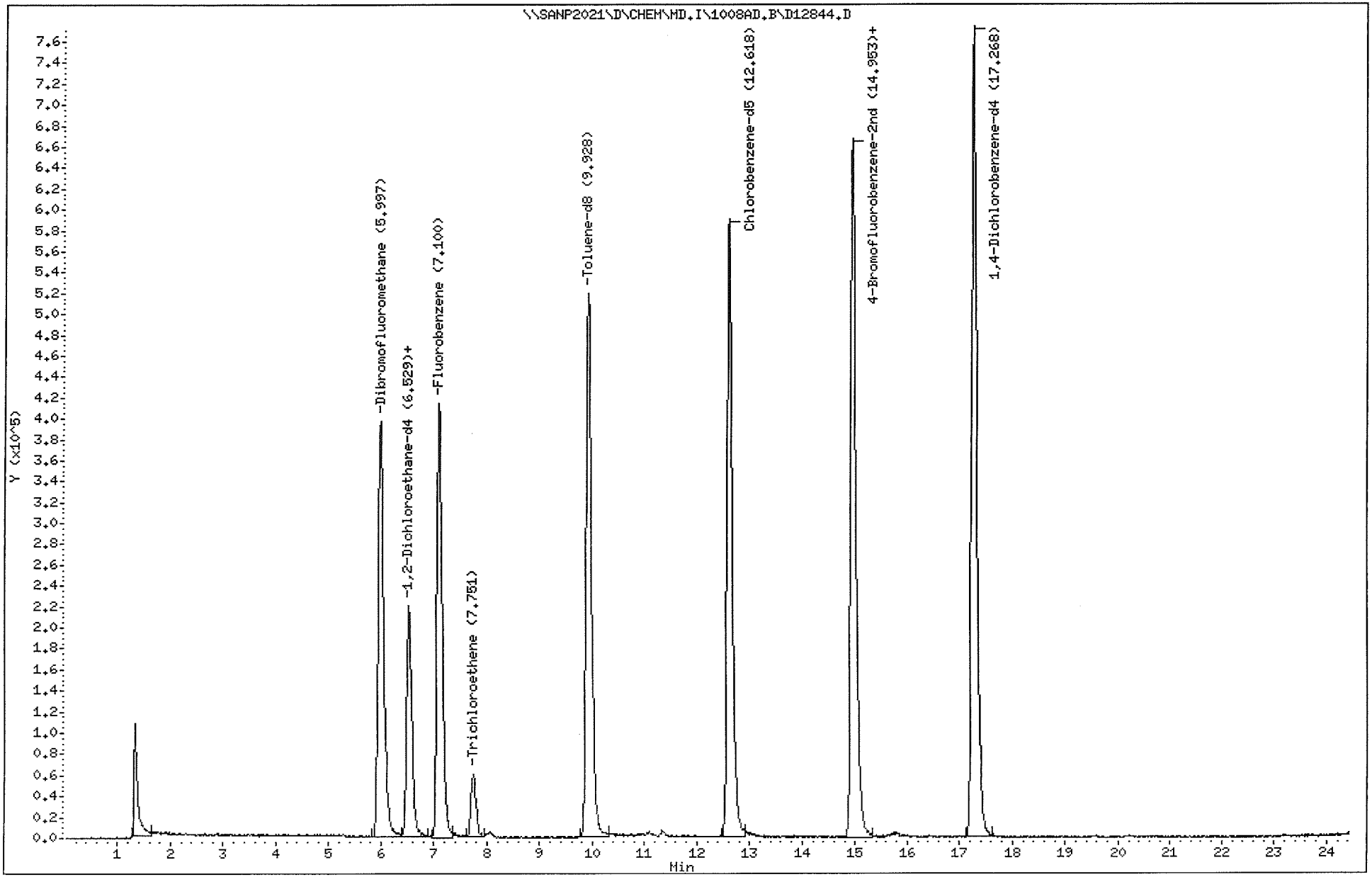
Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12844.D
Date : 08-OCT-2000 14:19
Client ID: D12744
Sample Info: DLC88101,,2,,0,1,0,8260BDA.M,D12744

Instrument: md.i

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159147

000728

Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12844.D

Date : 08-OCT-2000 14:19

Client ID: D12744

Instrument: md.i

Sample Info: DLC88101,,2,,0,1,0,8260BDA.M,D12744

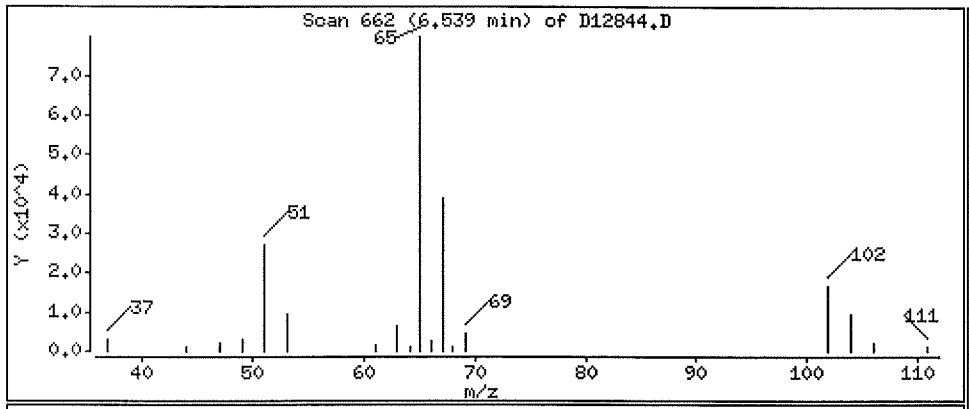
Operator: RRT

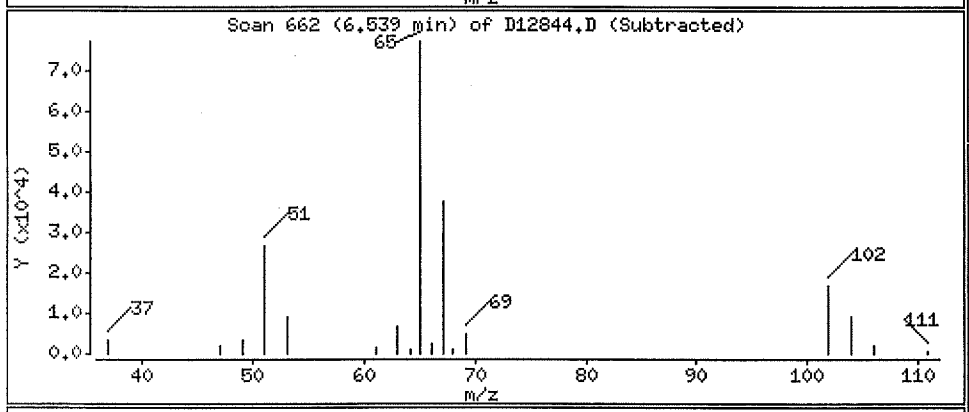
Column phase: J&W DB-624

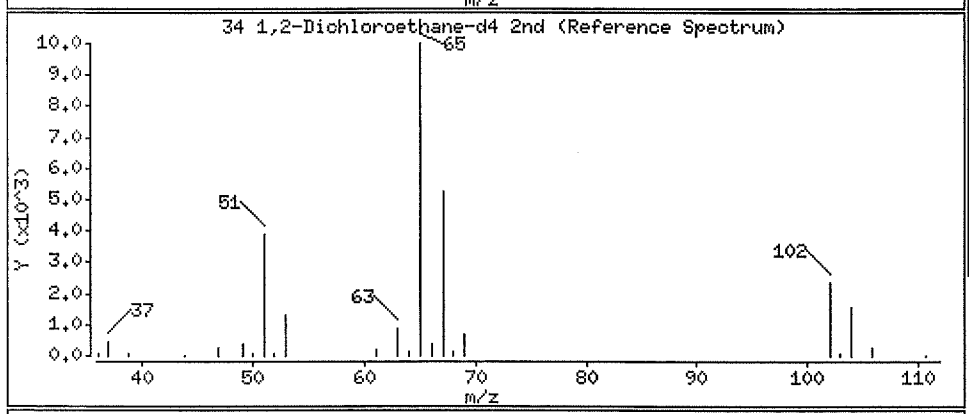
Column diameter: 0.53

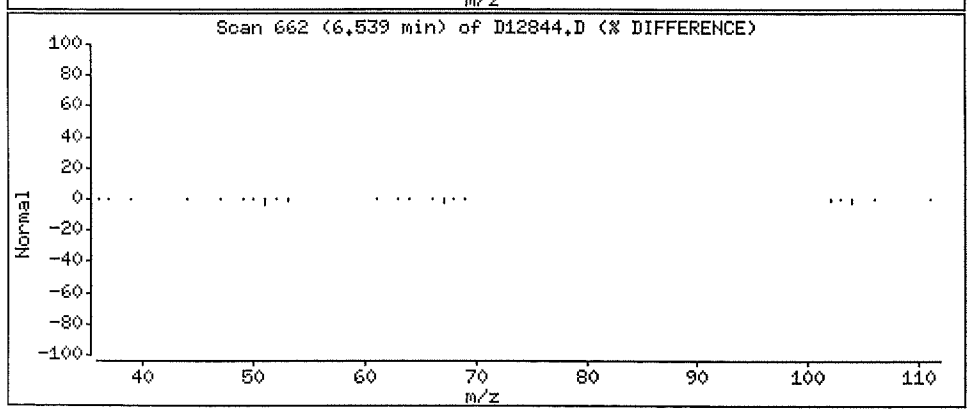
34 1,2-Dichloroethane-d4 2nd

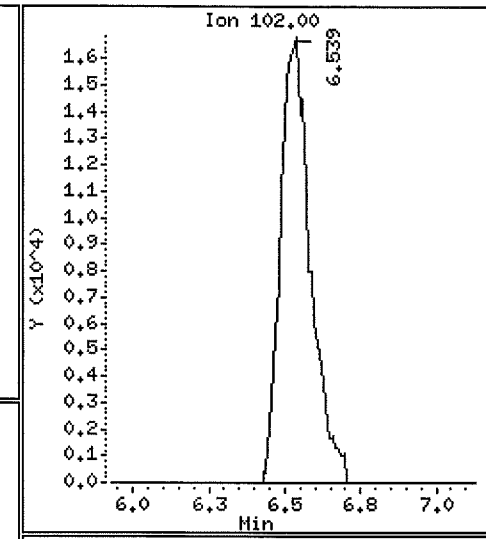
Concentration: 48.11 ug/Kg

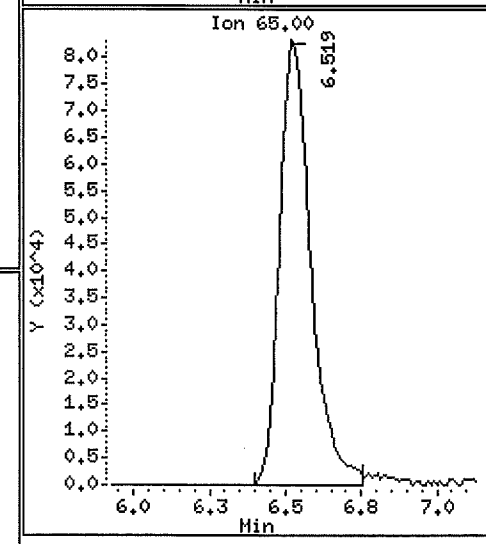












Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12844.D

Date : 08-OCT-2000 14:19

Client ID: D12744

Instrument: md.i

Sample Info: DLC88101,,2,,0,1,0,8260BDA.M,D12744

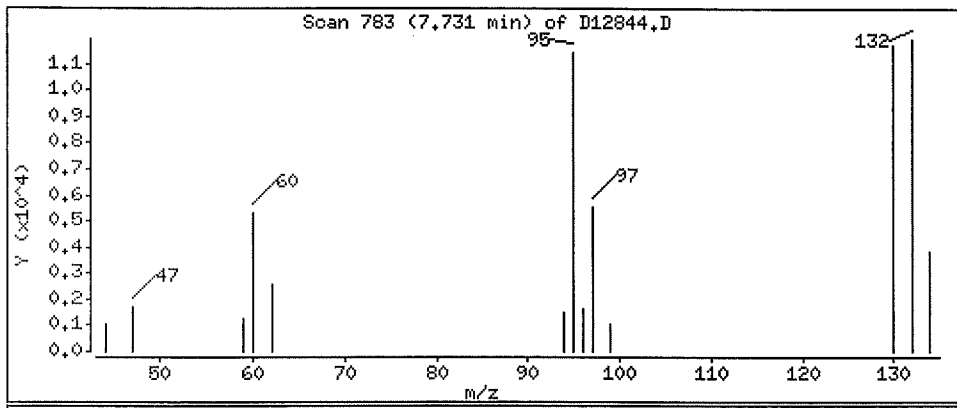
Operator: RRT

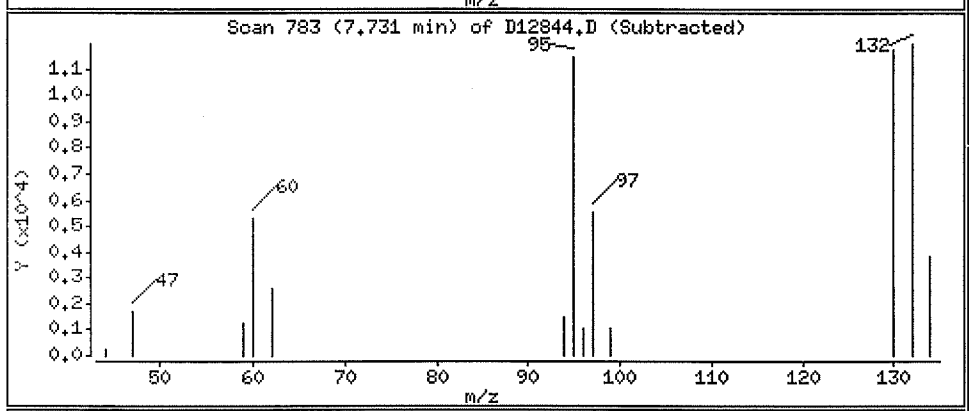
Column phase: J&W DB-624

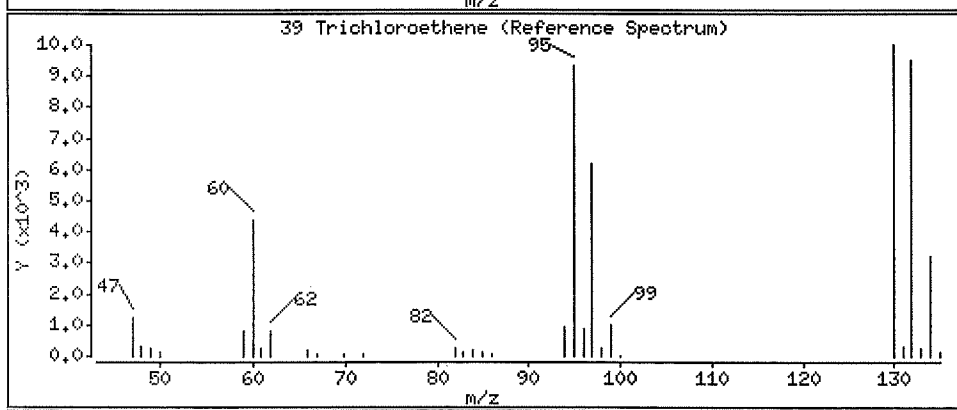
Column diameter: 0.53

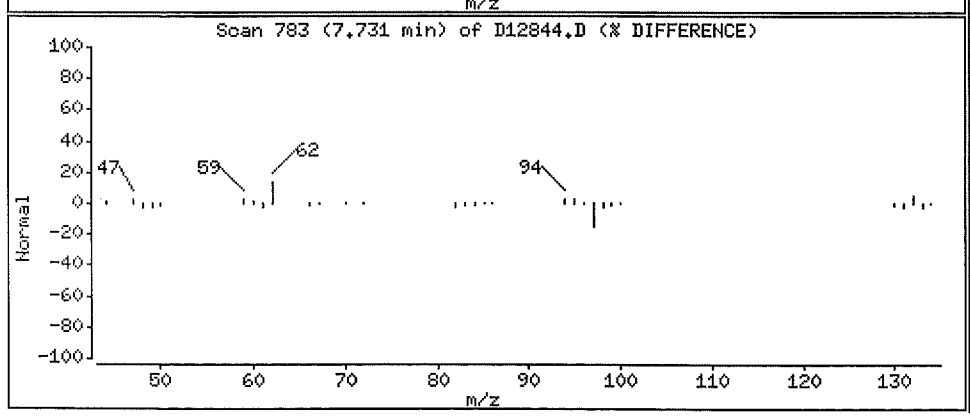
39 Trichloroethene

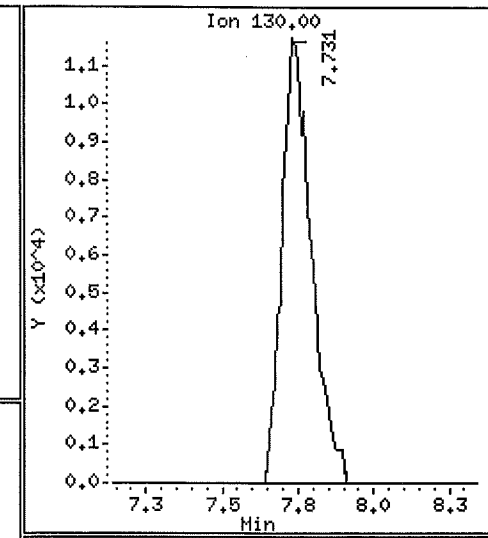
Concentration: 6.84 ug/Kg

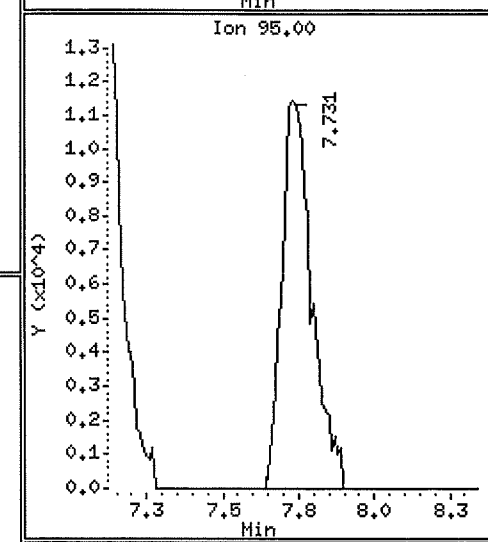


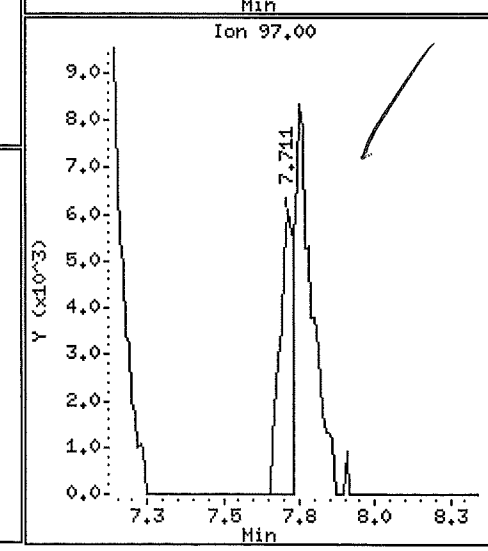












Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12844.D

Date : 08-OCT-2000 14:19

Client ID: D12744

Instrument: md.i

Sample Info: DLC88101,,2,,0,1,0,8260BDA.M,D12744

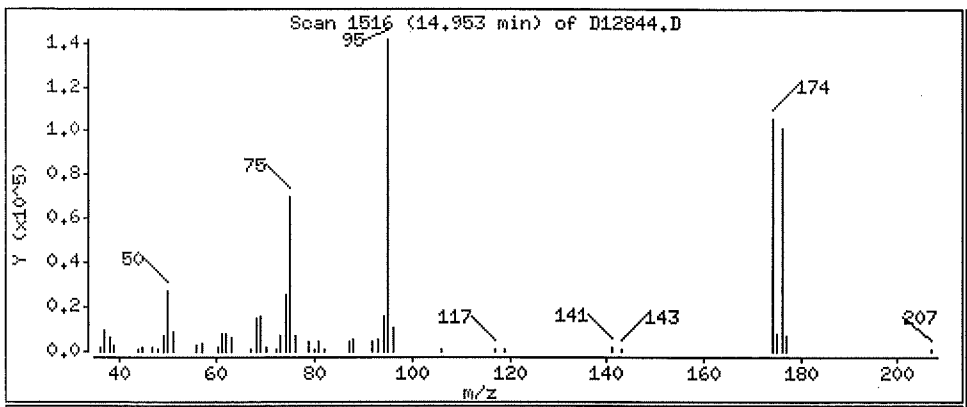
Operator: RRT

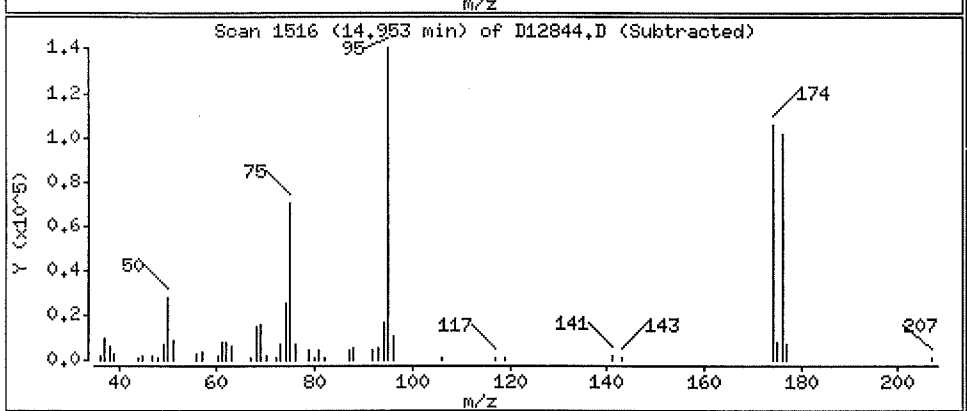
Column phase: J&W DB-624

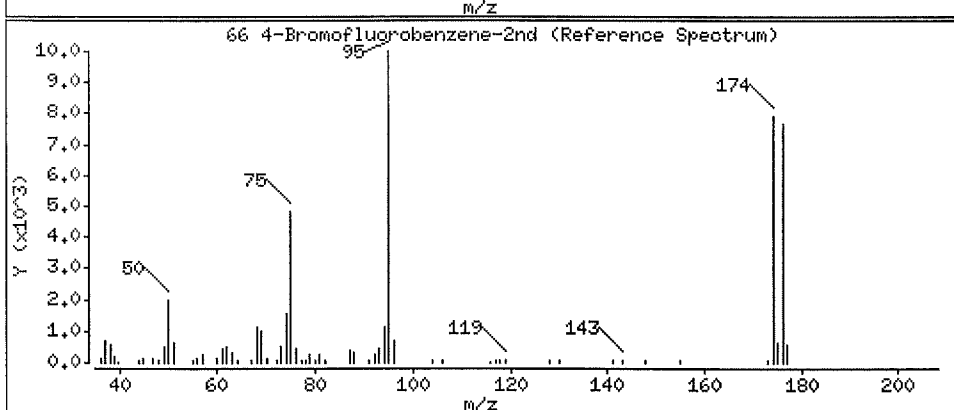
Column diameter: 0.53

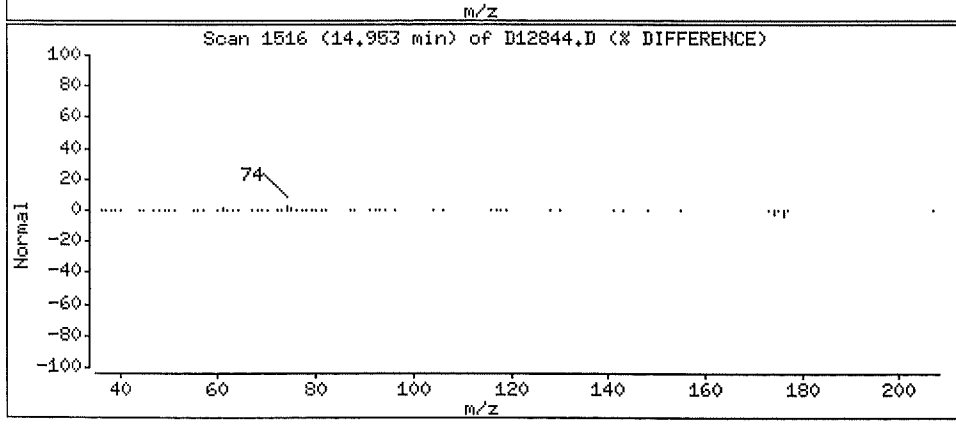
66 4-Bromofluorobenzene-2nd

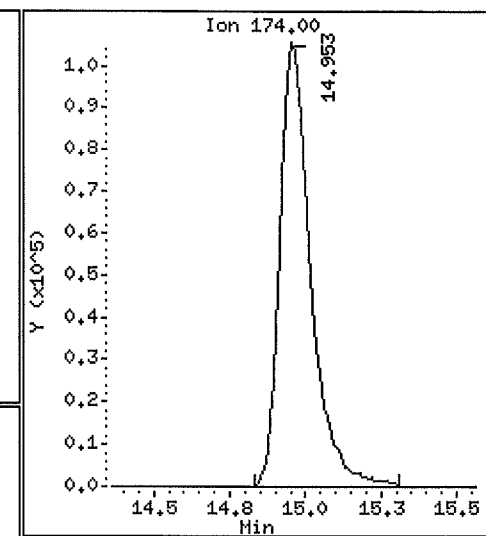
Concentration: 43.85 ug/Kg

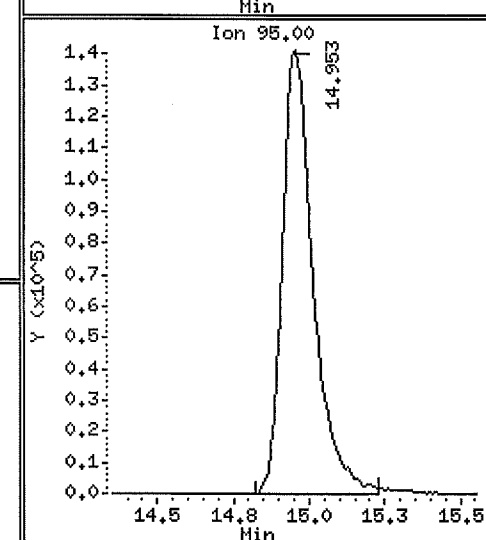


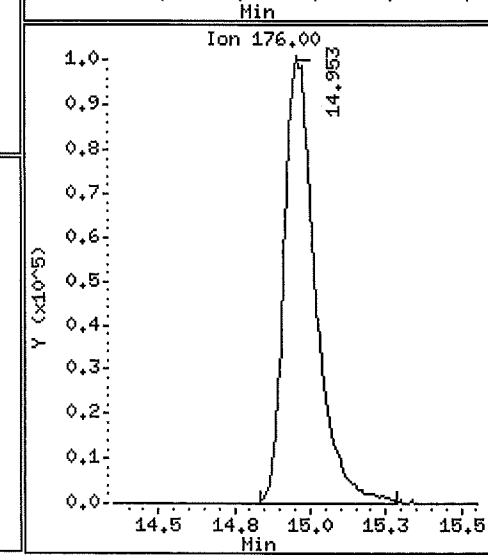












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1008AD.B\D12845.D
Lab Smp Id: DLC89101 Client Smp ID: D12745
Inj Date : 08-OCT-2000 14:50
Operator : RRT Inst ID: md.i
Smp Info : DLC89101,,2,,0,1,0,8260BDA.M,D12745
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.987	5.998	(0.843)	863617	50.4812	50.48	
$ 33 1,2-Dichloroethane-d4	65	6.529	6.530	(0.920)	586968	50.8312	50.83	
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.530	(0.920)	110294	47.3431	47.34	
* 38 Fluorobenzene	96	7.100	7.111	(1.000)	1202741	50.0000		
39 Trichloroethene	130	7.741	7.742	(1.090)	73537	6.54182	6.54	
$ 47 Toluene-d8	98	9.928	9.919	(0.787)	1195493	44.6099	44.61	
* 56 Chlorobenzene-d5	117	12.618	12.609	(1.000)	1157632	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.963	(0.865)	700648	44.4916	44.49	
$ 67 4-Bromofluorobenzene	95	14.952	14.954	(0.865)	933065	44.3927	44.39	
* 79 1,4-Dichlorobenzene-d4	152	17.278	17.269	(1.000)	790877	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12845.D
Lab Smp Id: DLC89101 Client Smp ID: D12745
Inj Date : 08-OCT-2000 14:50
Operator : RRT Inst ID: md.i
Smp Info : DLC89101,,2,,0,1,0,8260BDA.M,D12745
Misc Info : ,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC89101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12745
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

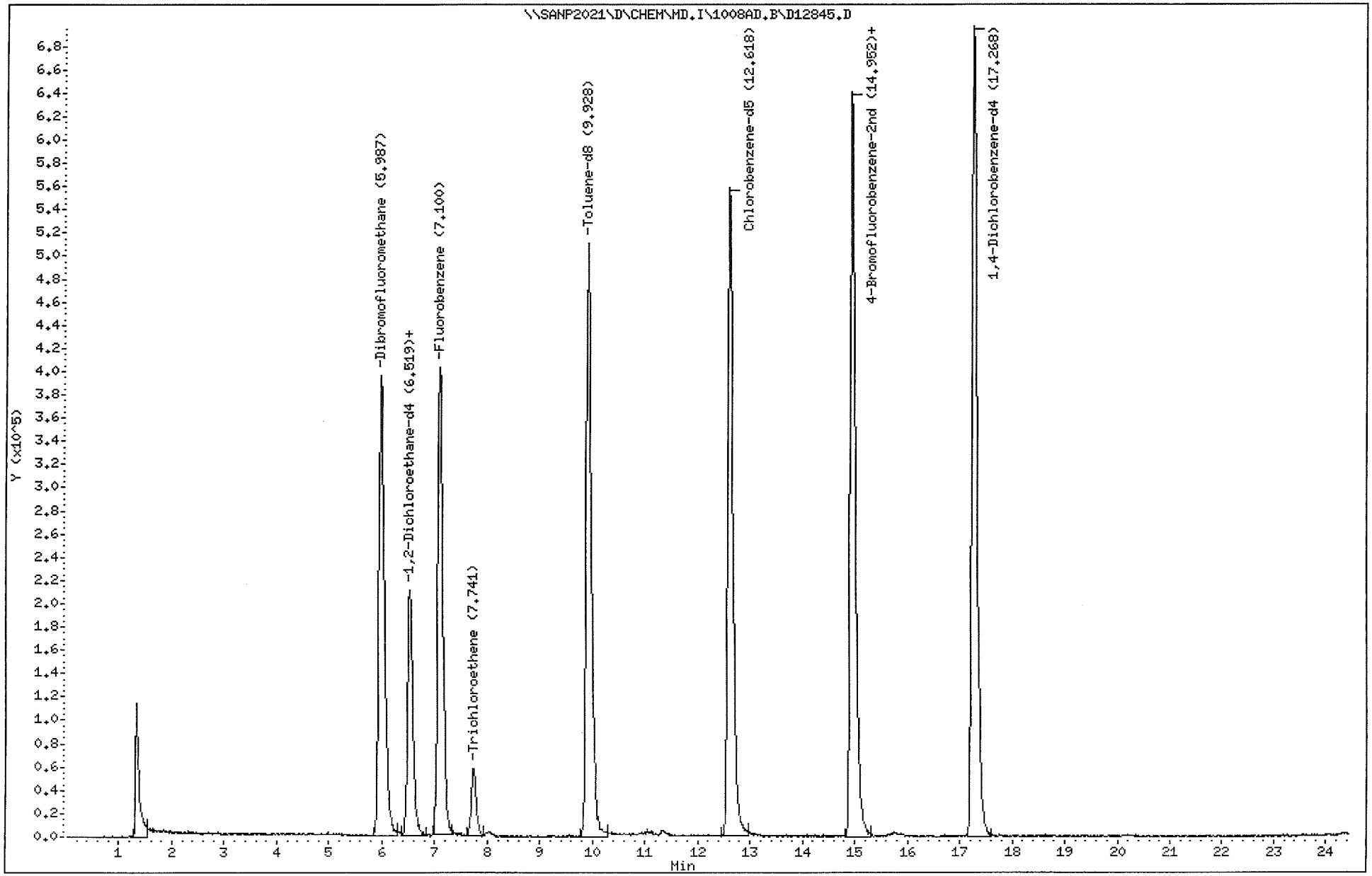
Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12845.D
Date : 08-OCT-2000 14:50
Client ID: D12745
Sample Info: DLC89101,,2,,0,1,0,8260BDA.M,D12745

Instrument: md.i

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



000736

BOE-C6-0159155

Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12845.D

Date : 08-OCT-2000 14:50

Client ID: D12745

Instrument: md.i

Sample Info: DLC89101,,2,,0,1,0,8260BDA.M,D12745

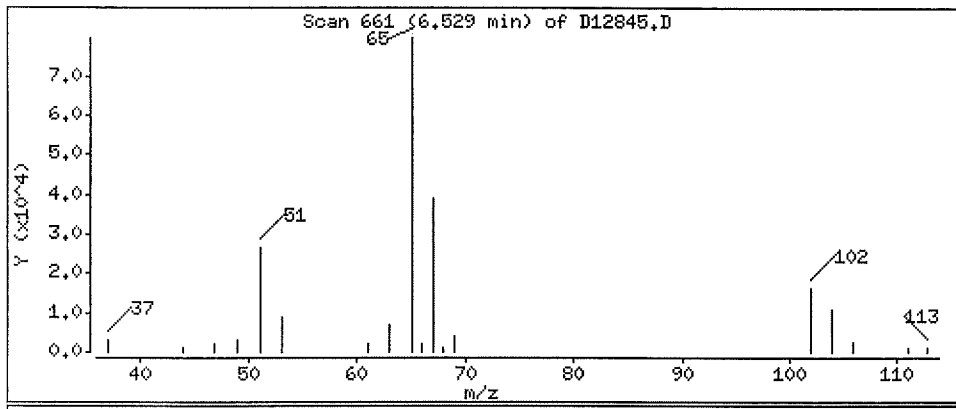
Operator: RRT

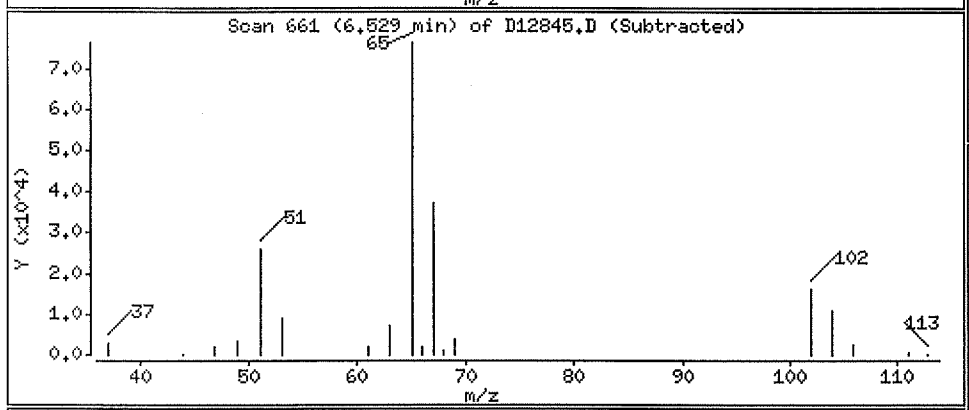
Column phase: J&W DB-624

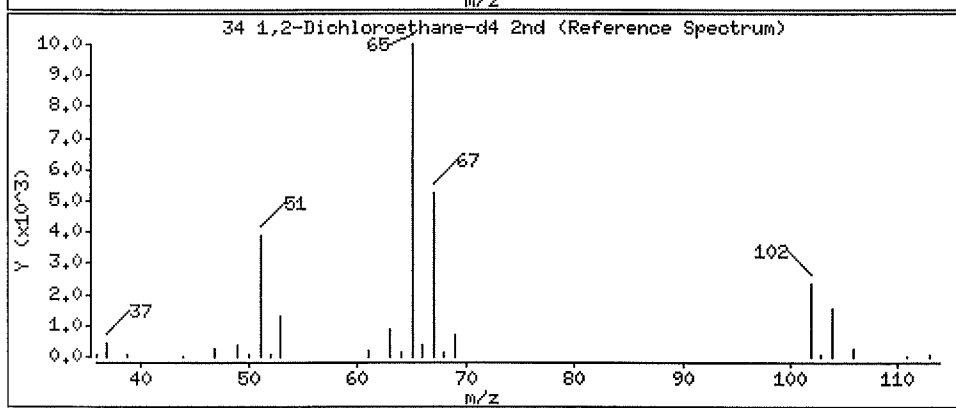
Column diameter: 0.53

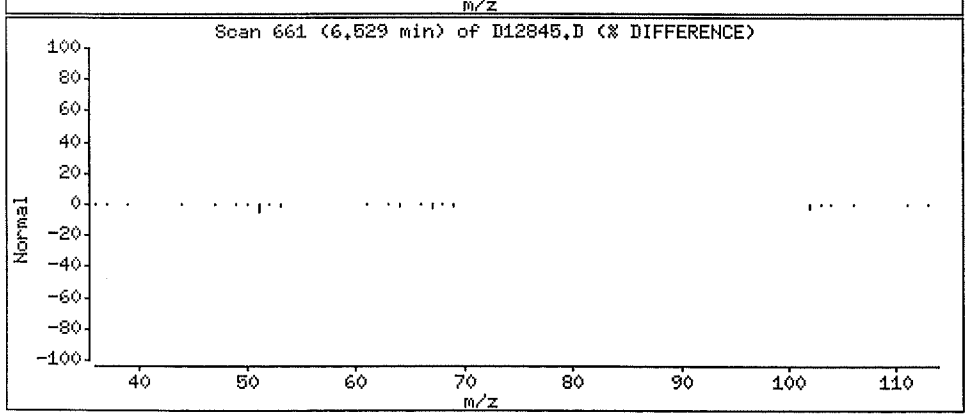
34 1,2-Dichloroethane-d4 2nd

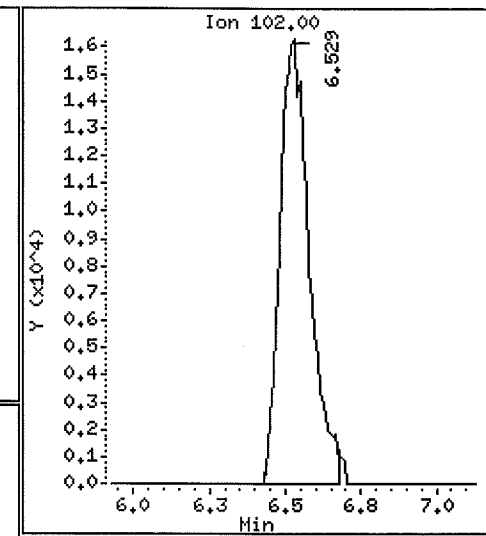
Concentration: 47.34 ug/Kg

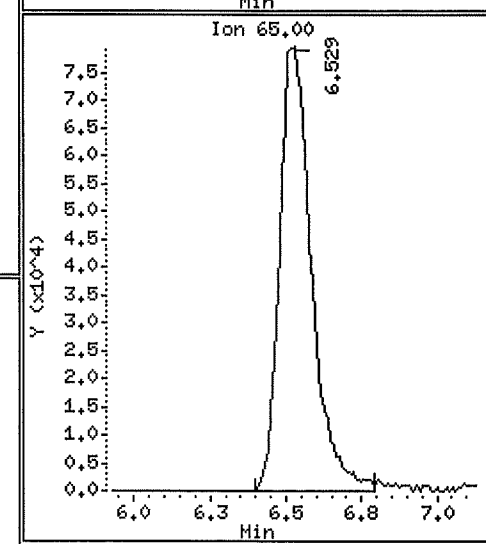












Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12845.D

Date : 08-OCT-2000 14:50

Client ID: D12745

Instrument: md.i

Sample Info: DLC89101,,2,,0,1,0,8260BDA.M,D12745

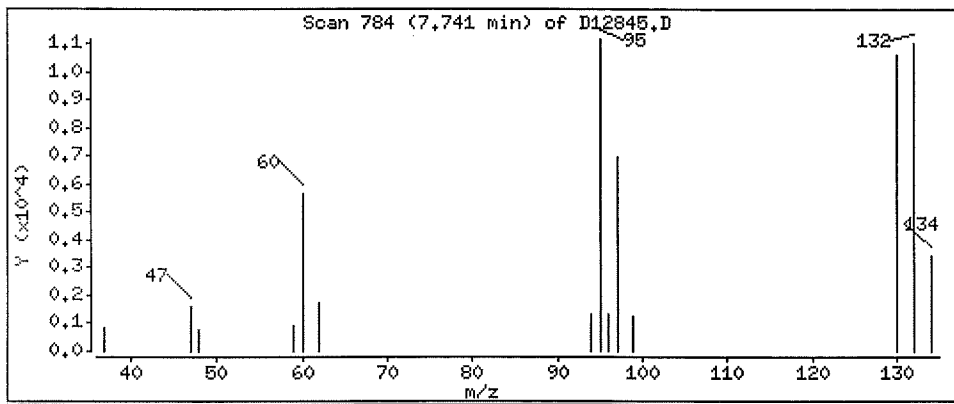
Operator: RRT

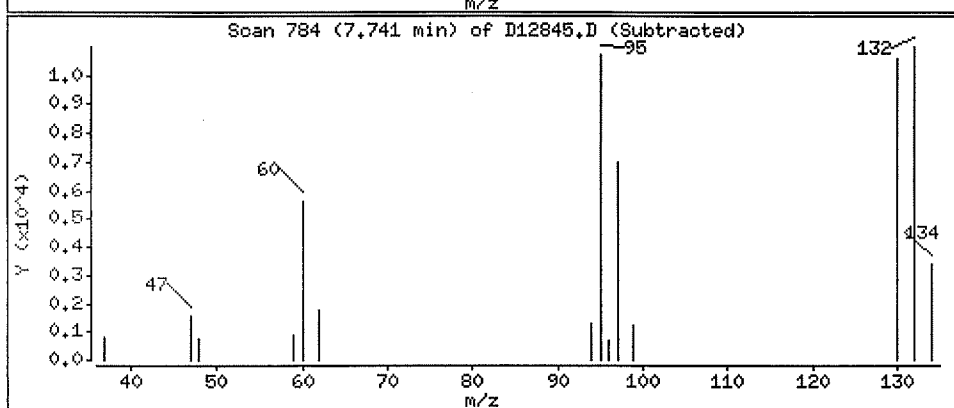
Column phase: J&W DB-624

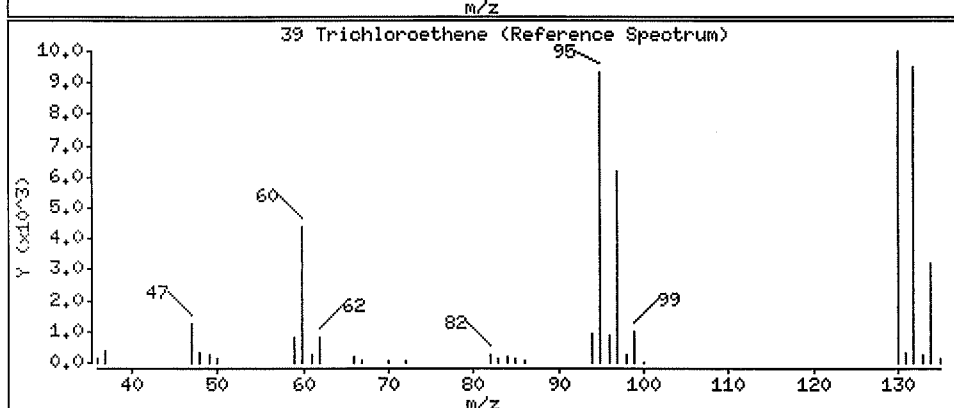
Column diameter: 0.53

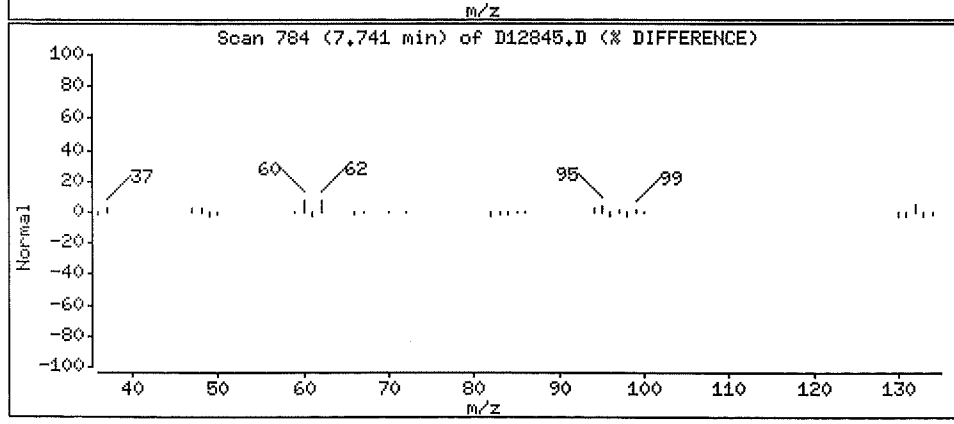
39 Trichloroethene

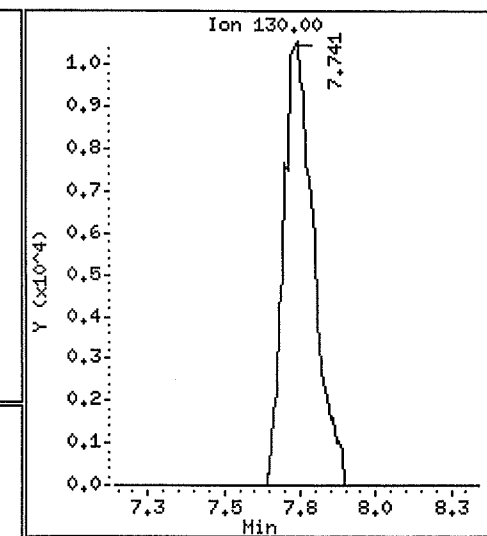
Concentration: 6.54 ug/Kg

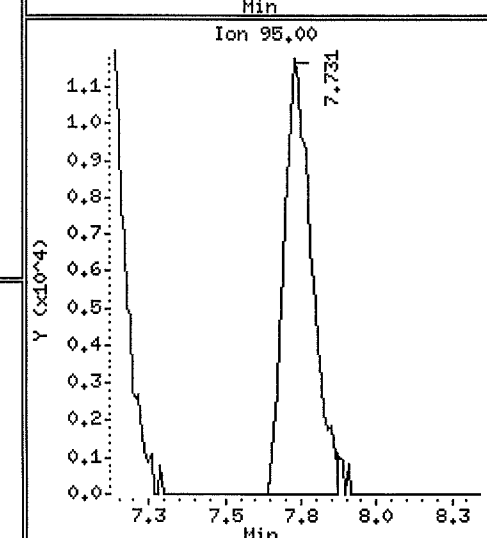


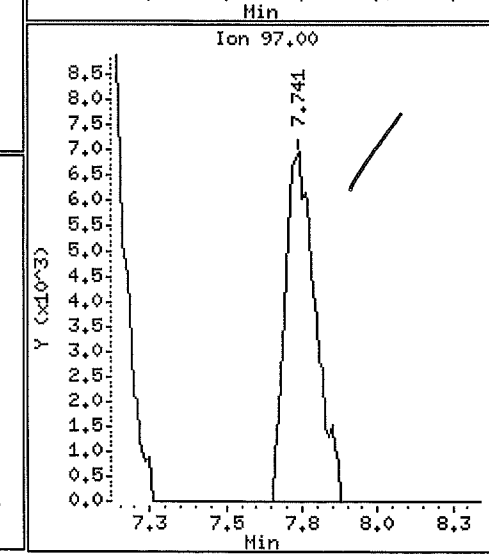












Data File: \\SANP2021\D\CHEM\MD.I\1008AD.B\D12845.D

Date : 08-OCT-2000 14:50

Client ID: D12745

Instrument: md.i

Sample Info: DLC89101,,2,,0,1,0,8260BDA.M,D12745

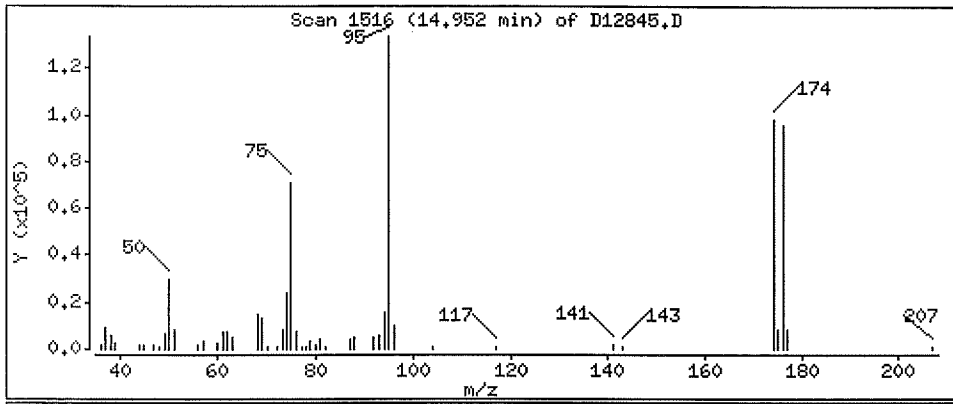
Operator: RRT

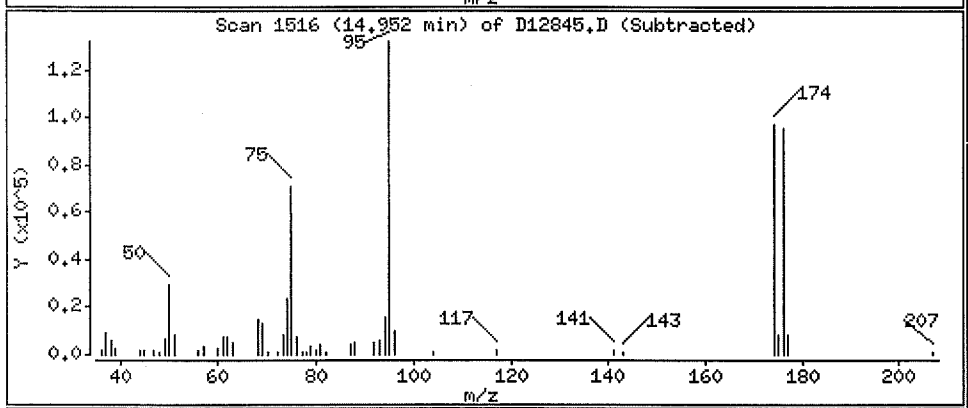
Column phase: J&W DB-624

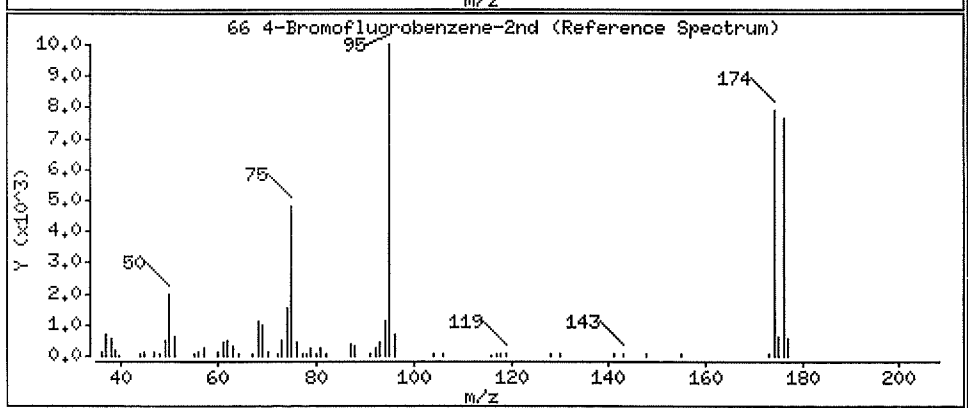
Column diameter: 0.53

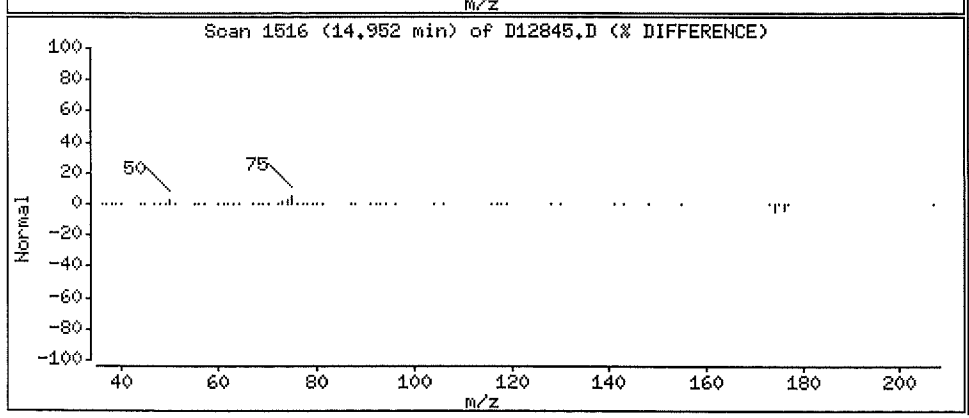
66 4-Bromofluorobenzene-2nd

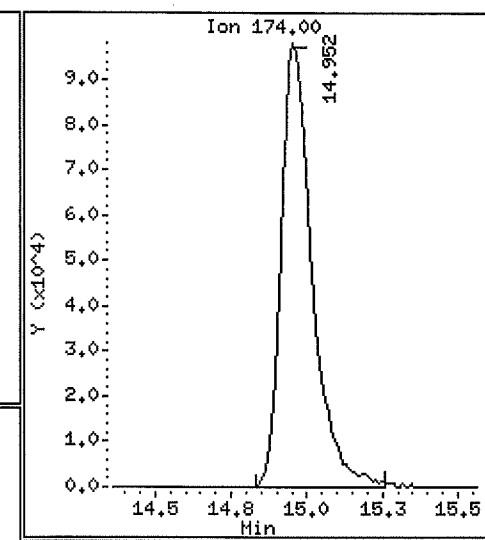
Concentration: 44.49 ug/Kg

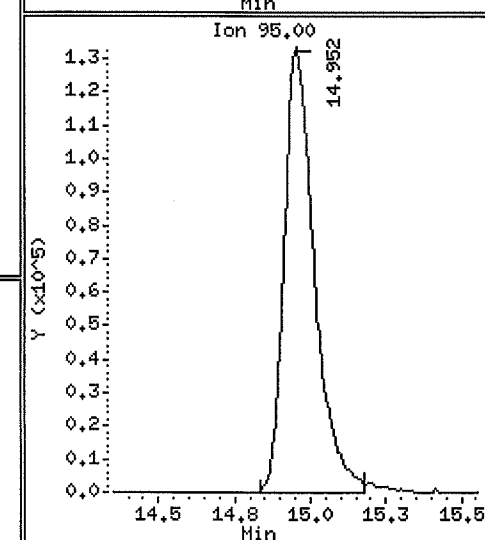


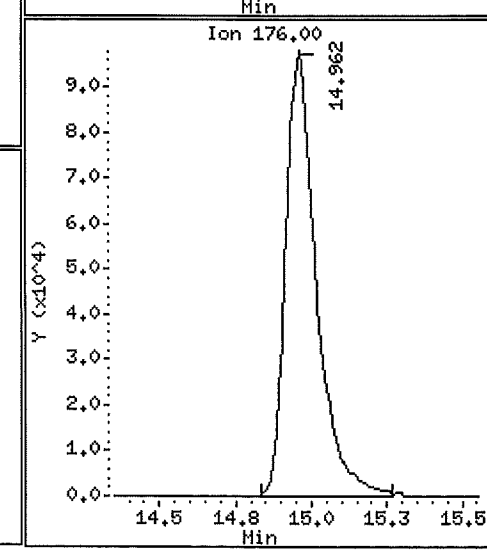












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12848.D
Lab Smp Id: DLC8C101 Client Smp ID: D12748
Inj Date : 08-OCT-2000 16:26
Operator : RRT Inst ID: md.i
Smp Info : DLC8C101,,2,,0,1,0,8260BDA.M,D12748
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.987	5.998	(0.843)	874942	49.8165	49.82	
$ 33 1,2-Dichloroethane-d4	65	6.519	6.530	(0.918)	592075	49.9434	49.94	
34 1,2-Dichloroethane-d4 2nd	102	6.539	6.530	(0.921)	116089	48.5382	48.54	
* 38 Fluorobenzene	96	7.101	7.111	(1.000)	1234773	50.0000		
39 Trichloroethene	130	7.731	7.742	(1.089)	213186	18.4729	18.47	
$ 47 Toluene-d8	98	9.918	9.919	(0.786)	1208052	43.7388	43.74	
* 56 Chlorobenzene-d5	117	12.618	12.609	(1.000)	1193090	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.953	14.963	(0.866)	723801	44.2551	44.26	
$ 67 4-Bromofluorobenzene	95	14.953	14.954	(0.866)	960447	43.9987	44.00	
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.269	(1.000)	821377	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12848.D
Lab Smp Id: DLC8C101 Client Smp ID: D12748
Inj Date : 08-OCT-2000 16:26
Operator : RRT Inst ID: md.i
Smp Info : DLC8C101,,2,,0,1,0,8260BDA.M,D12748
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8C101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12748
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12848.D

Date : 08-OCT-2000 16:26

Client ID: D12748

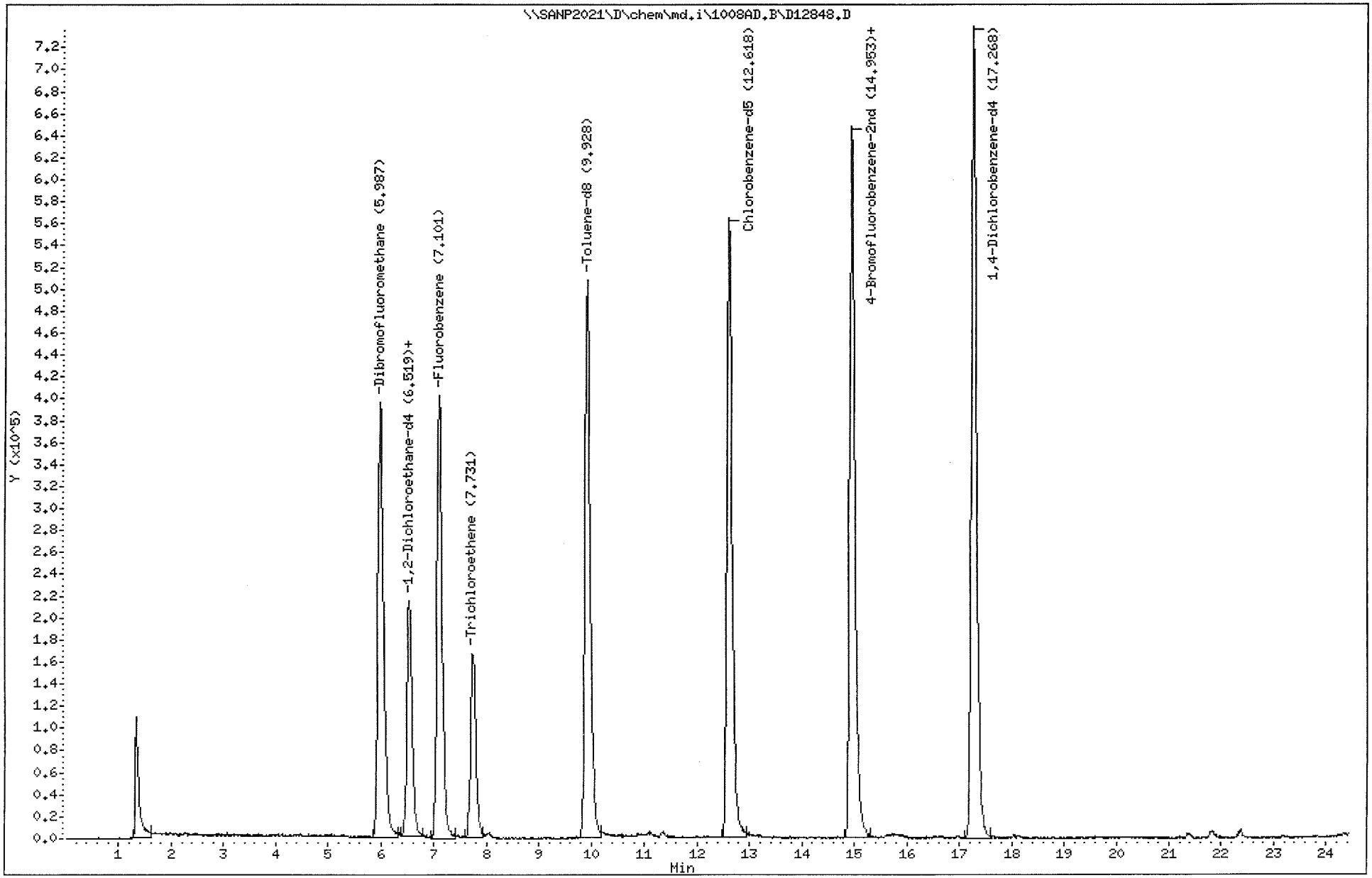
Sample Info: DLC8C101,,2,,0,1,0,8260BDA.M,D12748

Column phase: J&W DB-624

Instrument: md.i

Operator: RRT

Column diameter: 0.53



BOE-C6-0159163

000744

Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12848.D

Date : 08-OCT-2000 16:26

Client ID: D12748

Instrument: md.i

Sample Info: DLC8C101,,2,,0,1,0,8260BDA.M,D12748

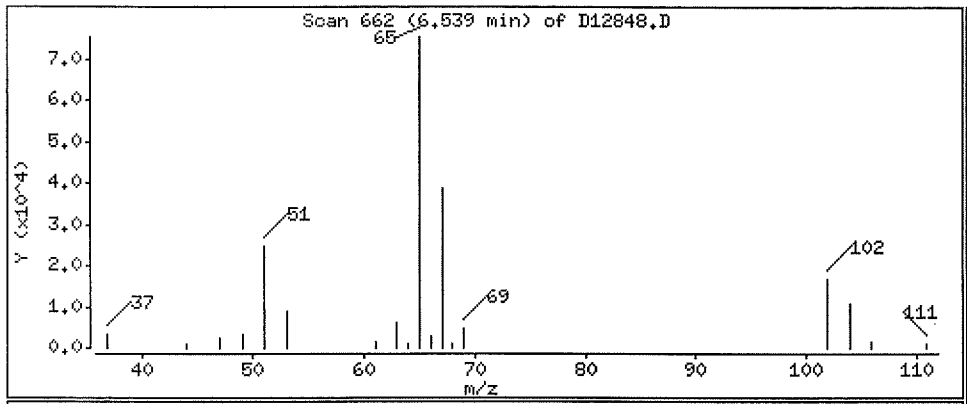
Operator: RRT

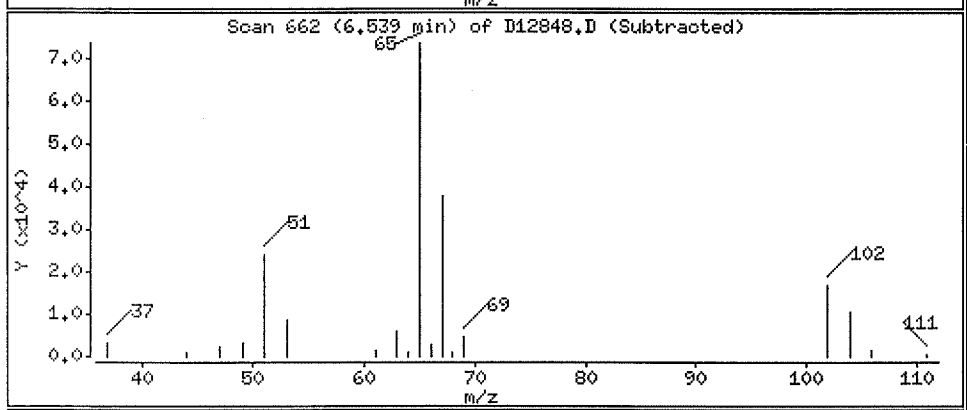
Column phase: J&W DB-624

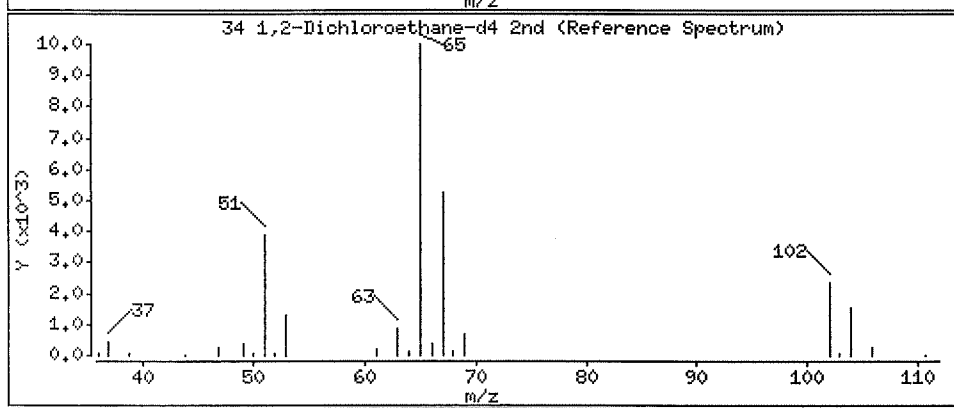
Column diameter: 0.53

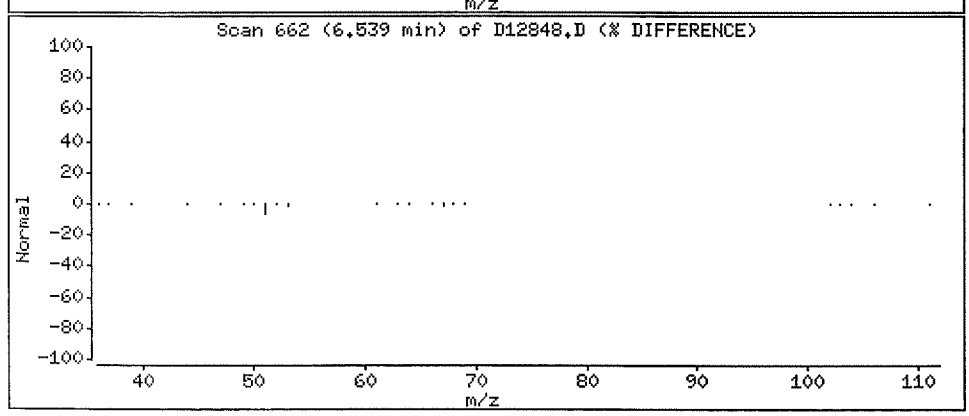
34 1,2-Dichloroethane-d4 2nd

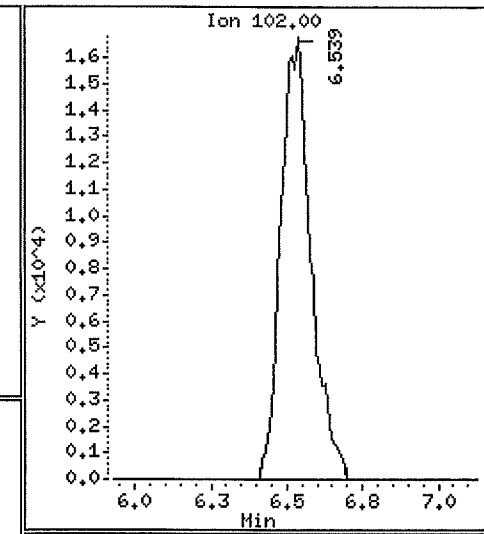
Concentration: 48.54 ug/Kg

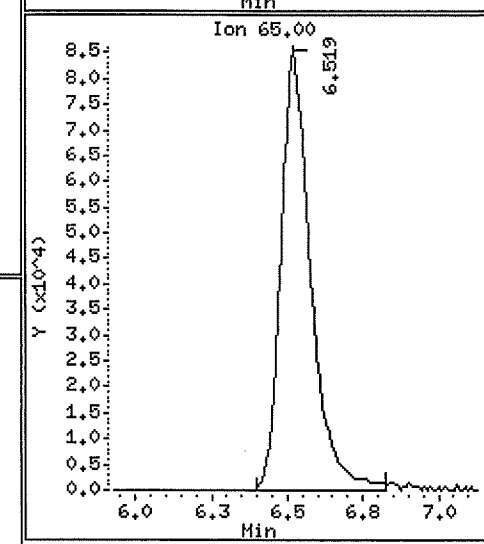












Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12848.D

Date : 08-OCT-2000 16:26

Client ID: D12748

Instrument: md.i

Sample Info: DLC8C101,,2,,0,1,0,8260BDA,M,D12748

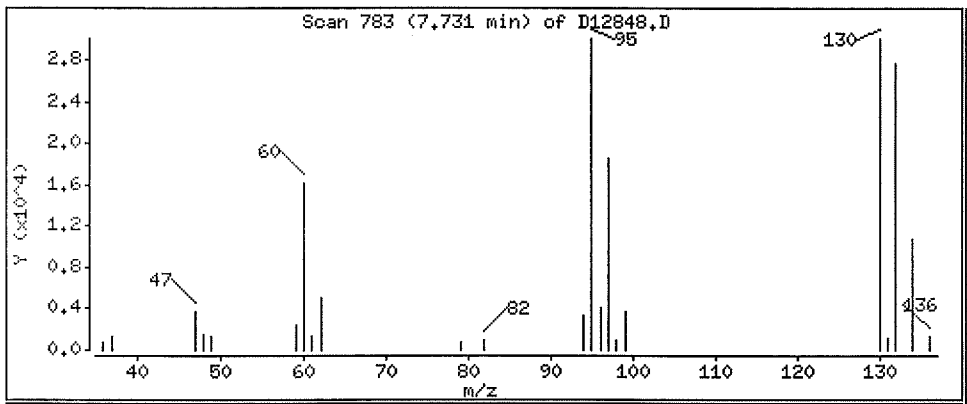
Operator: RRT

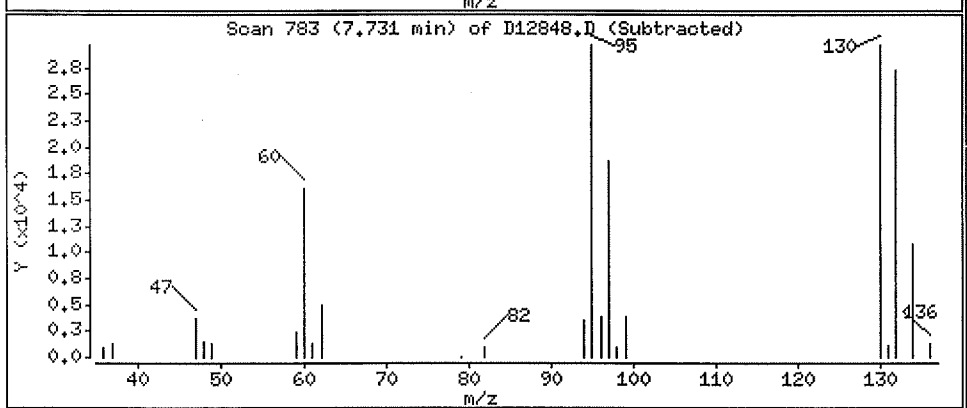
Column phase: J&W DB-624

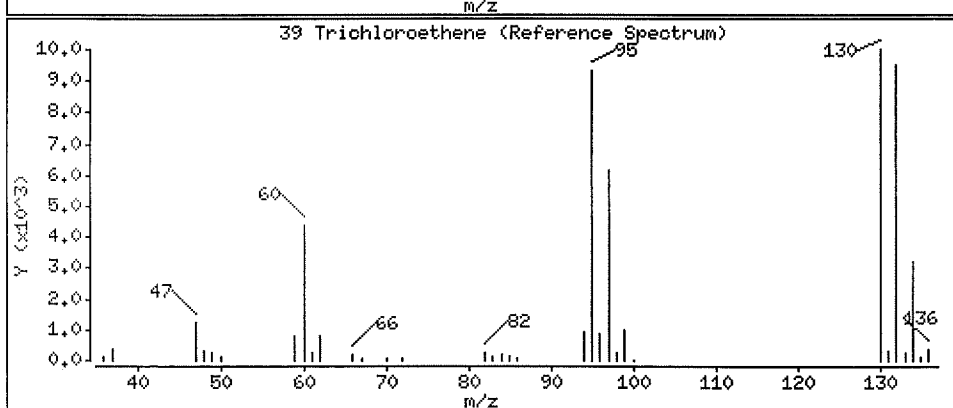
Column diameter: 0.53

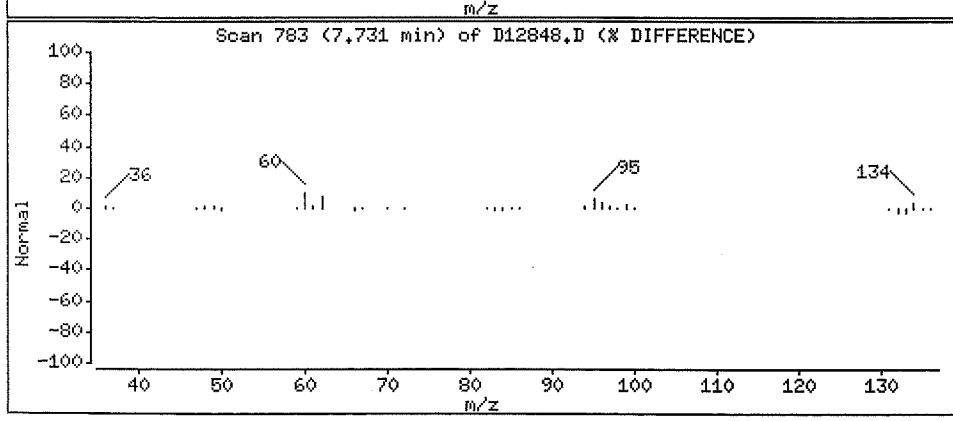
39 Trichloroethene

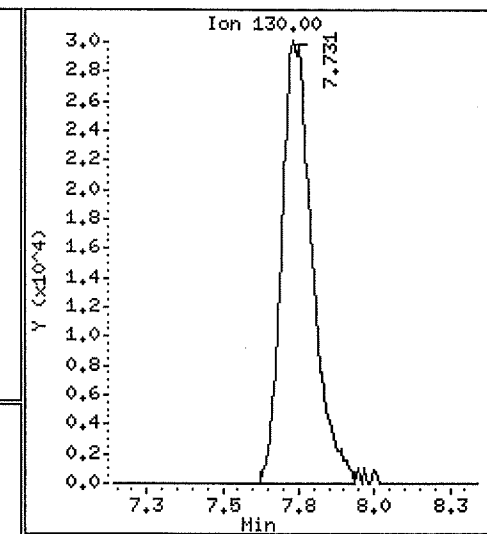
Concentration: 18.47 ug/Kg

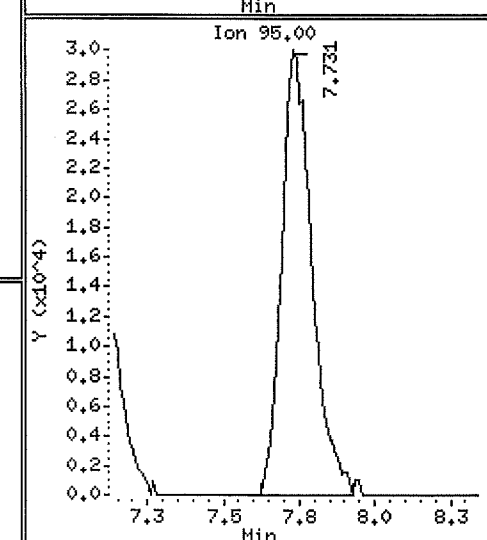


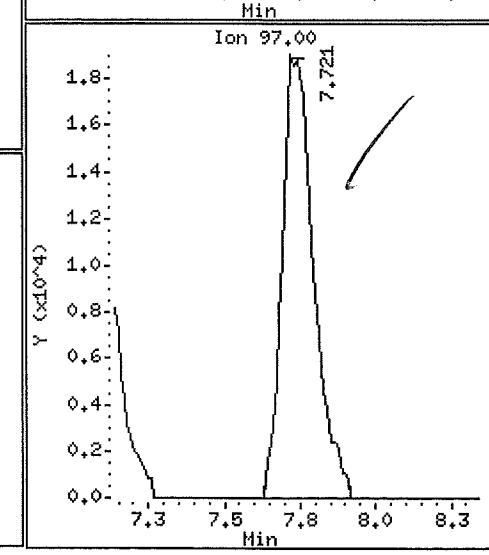












Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12848.D

Date : 08-OCT-2000 16:26

Client ID: D12748

Instrument: md.i

Sample Info: DLC8C101,,2,,0,1,0,8260BDA,M,D12748

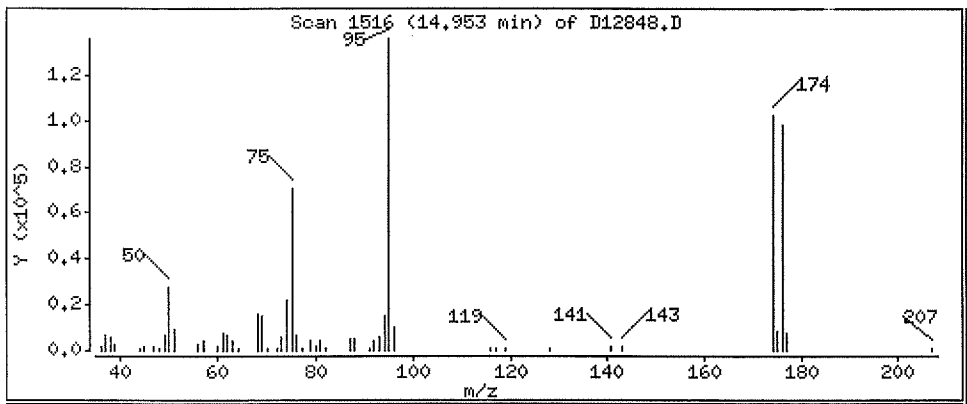
Operator: RRT

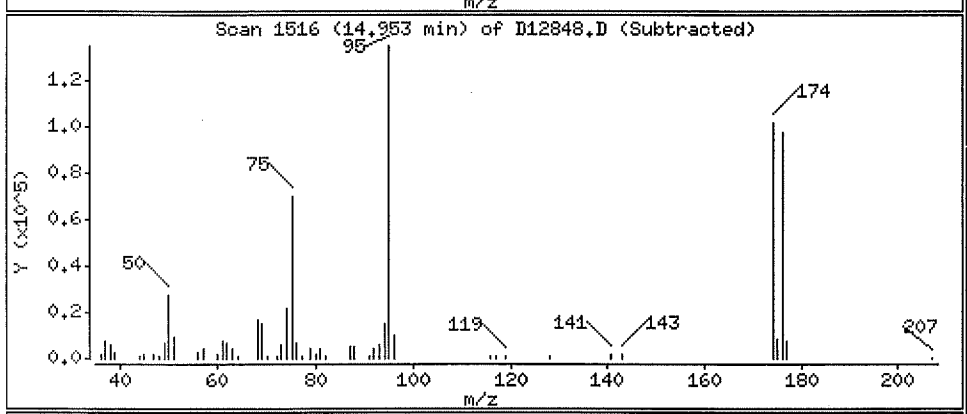
Column phase: J&W DB-624

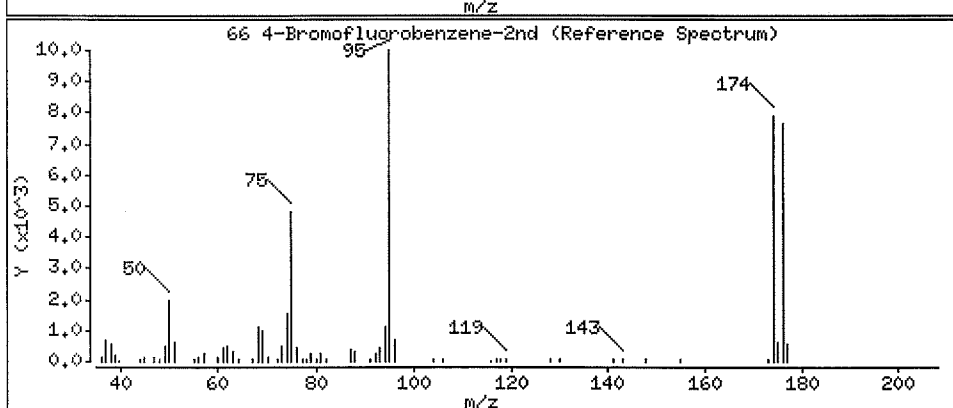
Column diameter: 0.53

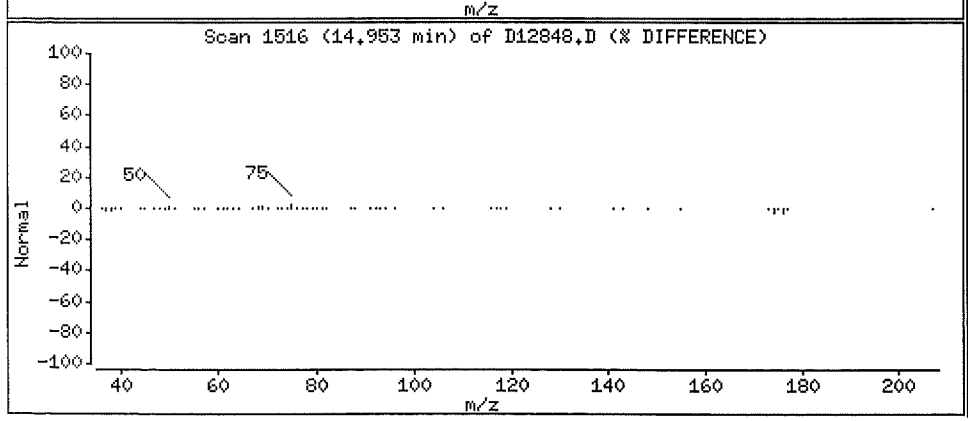
66 4-Bromofluorobenzene-2nd

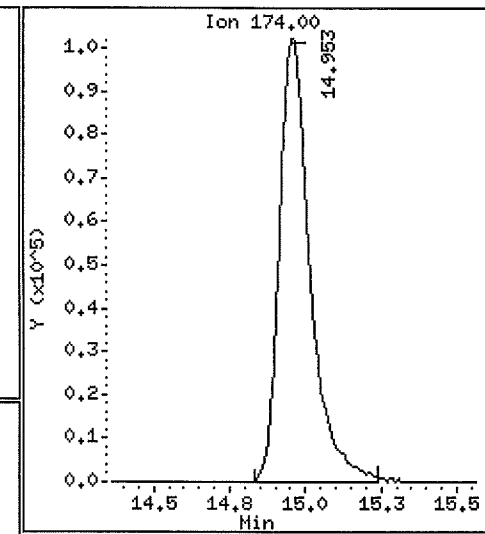
Concentration: 44.26 ug/Kg

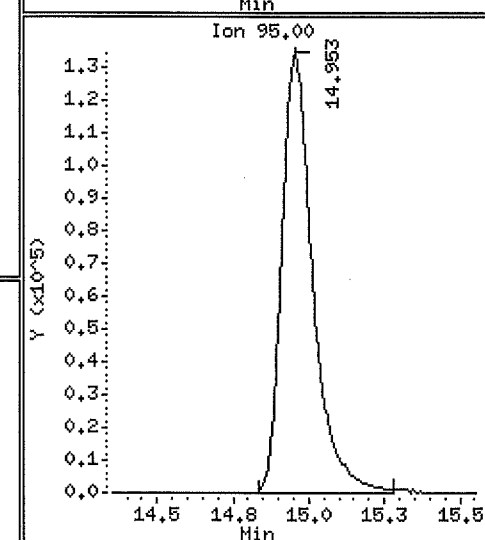


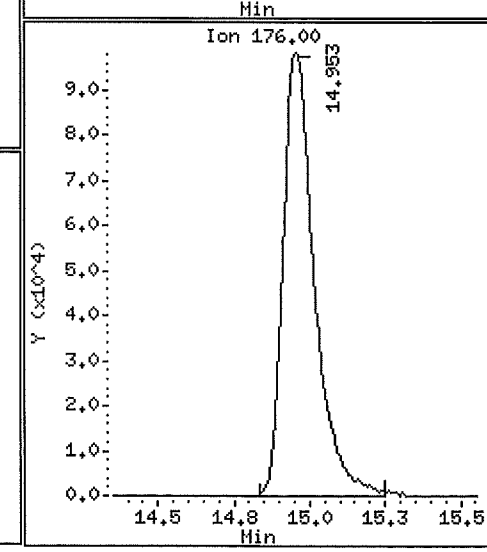












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12849.D
Lab Smp Id: DLC8D101 Client Smp ID: D12749
Inj Date : 08-OCT-2000 16:57
Operator : RRT Inst ID: md.i
Smp Info : DLC8D101,,2,,0,1,0,8260BDA.M,D12749
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.987	5.998	(0.844)	879266	51.7988	51.80
$ 33 1,2-Dichloroethane-d4	65	6.529	6.530	(0.921)	576061	50.2777	50.28
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.530	(0.921)	112458	48.6503	48.65
* 38 Fluorobenzene	96	7.091	7.111	(1.000)	1193388	50.0000	
$ 47 Toluene-d8	98	9.918	9.919	(0.786)	1206704	43.6582	43.66
* 56 Chlorobenzene-d5	117	12.618	12.609	(1.000)	1193959	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.963	14.963	(0.866)	737177	42.8645	42.86
$ 67 4-Bromofluorobenzene	95	14.953	14.954	(0.866)	982366	42.7978	42.80
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.269	(1.000)	863695	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12849.D
Lab Smp Id: DLC8D101 Client Smp ID: D12749
Inj Date : 08-OCT-2000 16:57
Operator : RRT Inst ID: md.i
Smp Info : DLC8D101,,2,,0,1,0,8260BDA.M,D12749
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8D101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12749
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12849.D

Date : 08-OCT-2000 16:57

Client ID: D12749

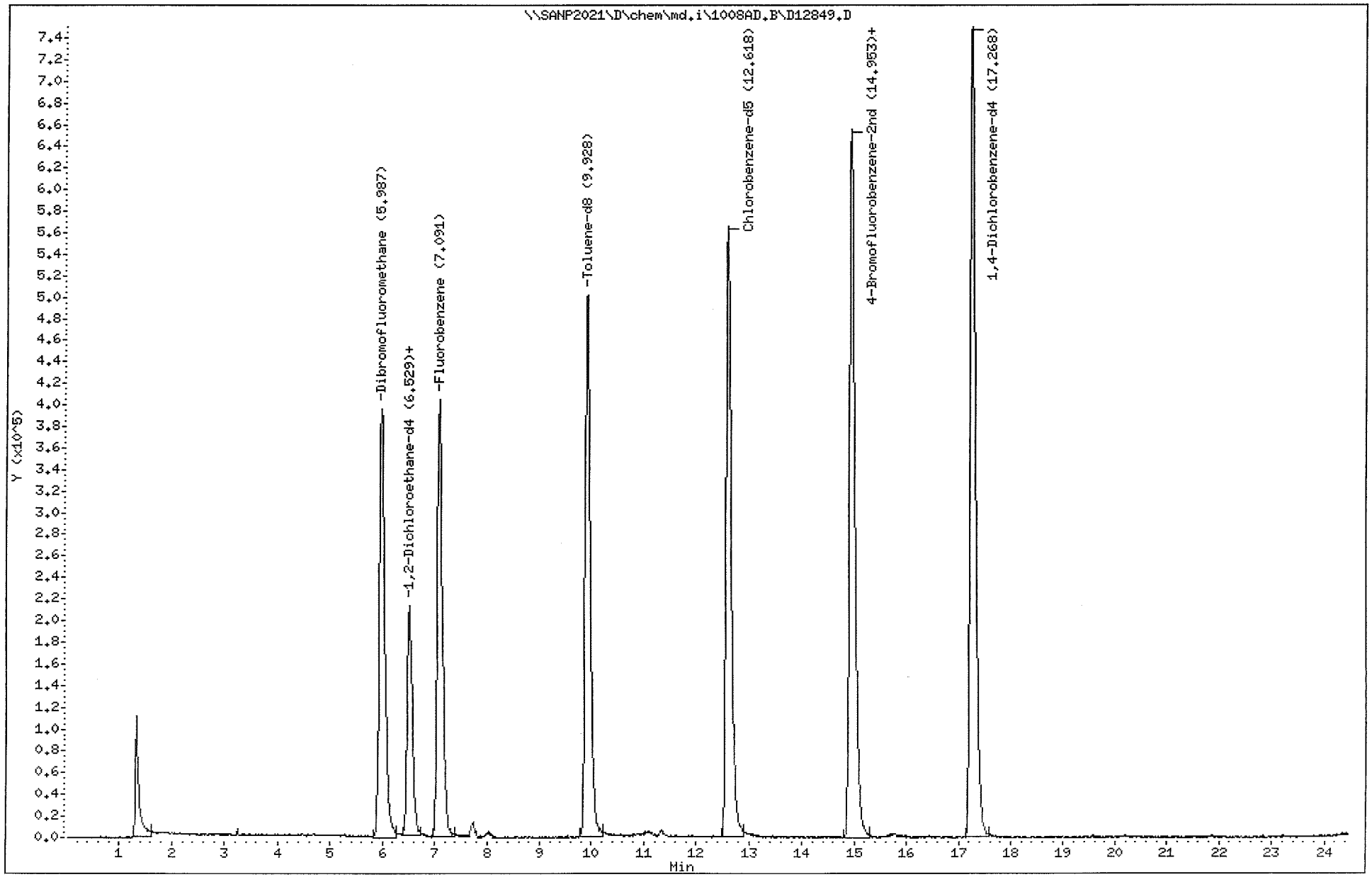
Sample Info: DLC8D101,,2,,0,1,0,8260BDA.M,D12749

Column phase: J&W DB-624

Instrument: md.i

Operator: RRT

Column diameter: 0.53



000751

BOE-C6-0159170

Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12849.D

Date : 08-OCT-2000 16:57

Client ID: D12749

Instrument: md.i

Sample Info: DLC8D101,,2,,0,1,0,8260BDA.M,D12749

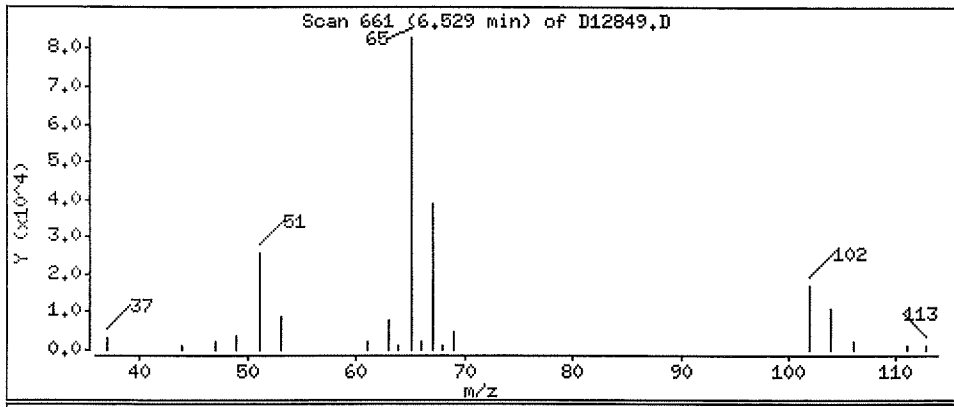
Operator: RRT

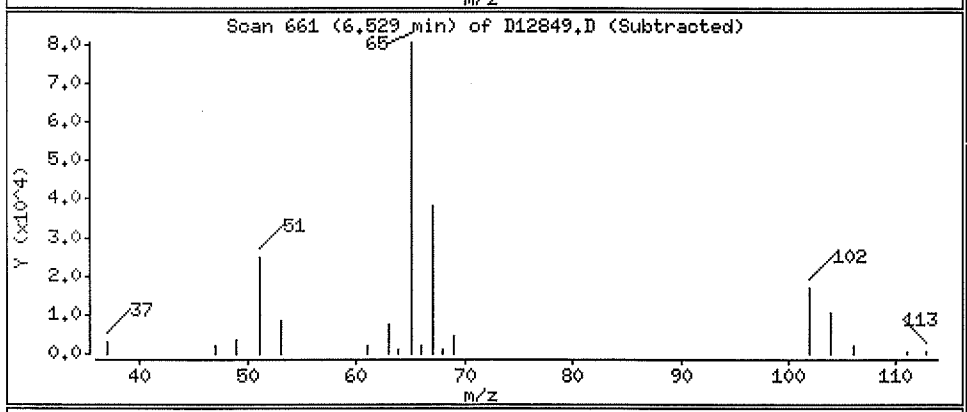
Column phase: J&W DB-624

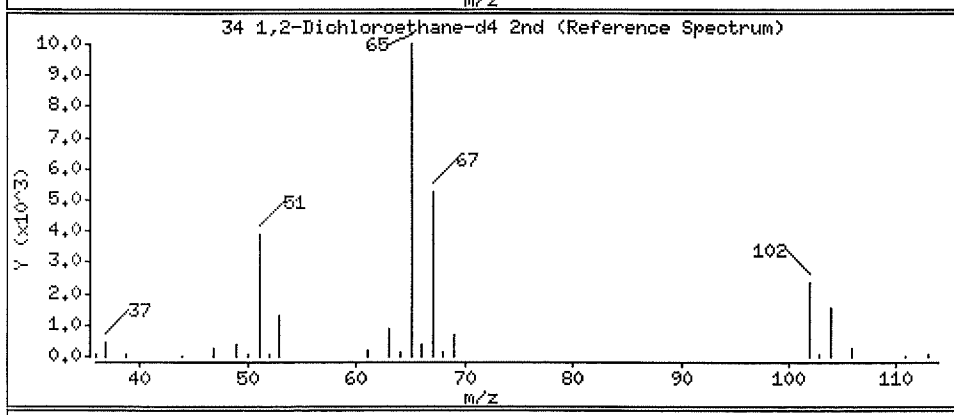
Column diameter: 0.53

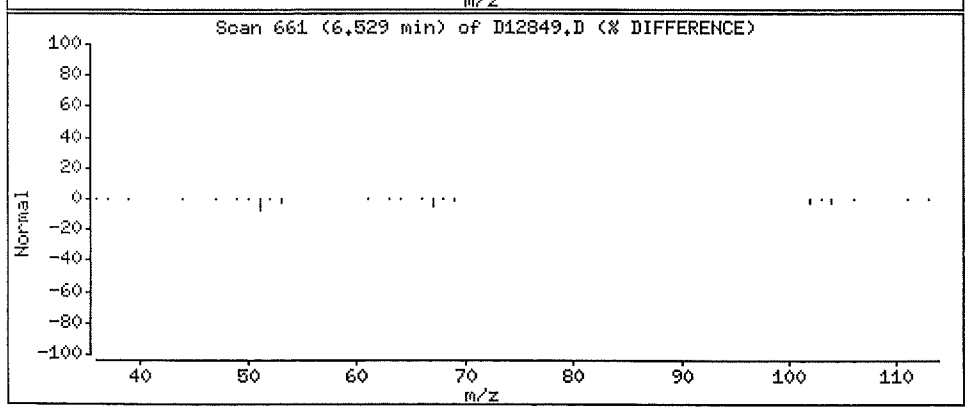
34 1,2-Dichloroethane-d4 2nd

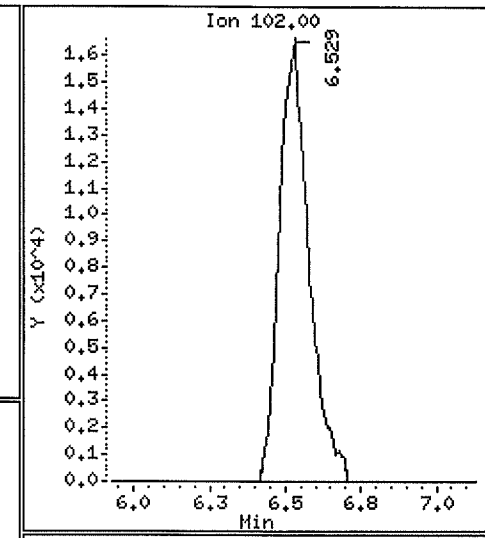
Concentration: 48.65 ug/Kg

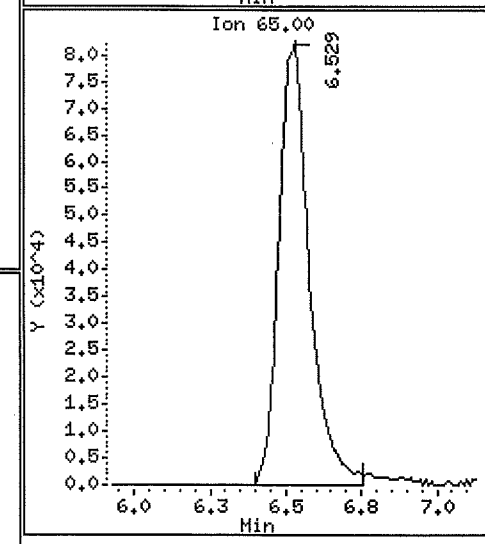












Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12849.D

Date : 08-OCT-2000 16:57

Client ID: D12749

Instrument: md.i

Sample Info: DLC8D101,,2,,0,1,0,8260BDA.M,D12749

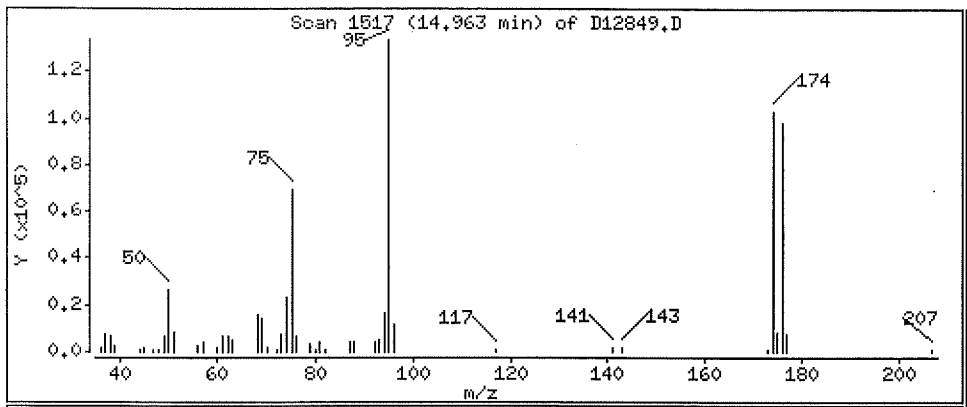
Operator: RRT

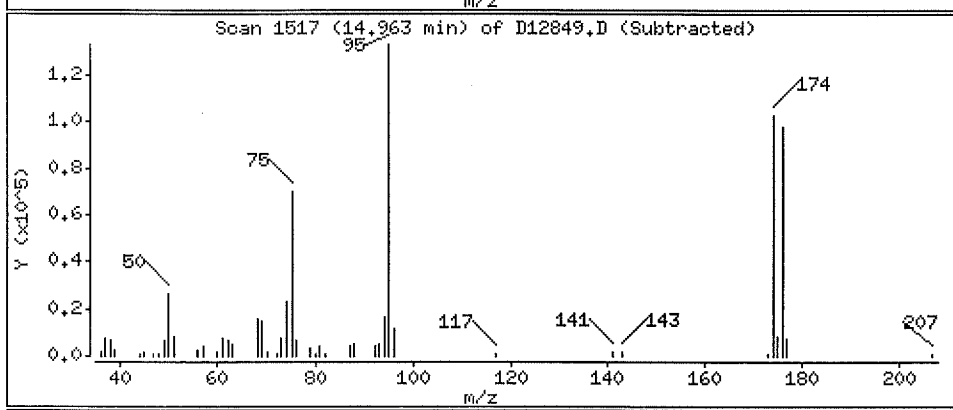
Column phase: J&W DB-624

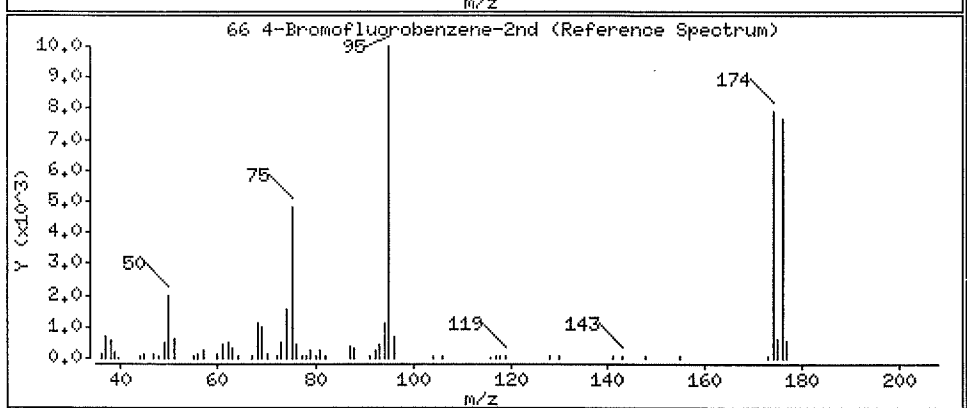
Column diameter: 0.53

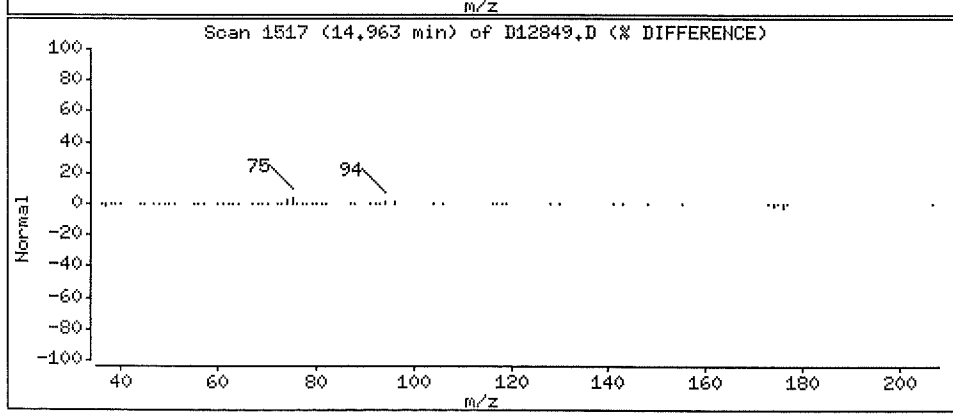
66 4-Bromofluorobenzene-2nd

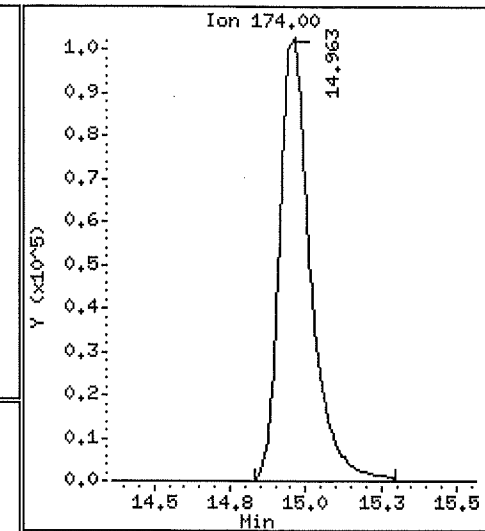
Concentration: 42.86 ug/Kg

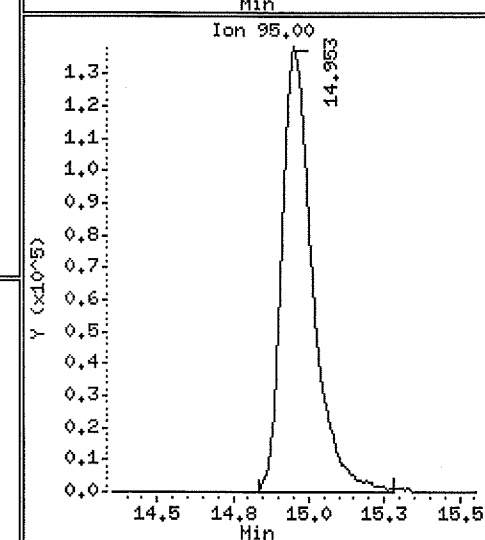


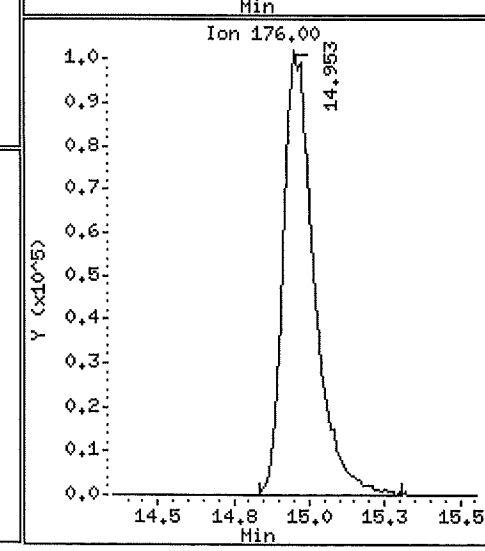












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12850.D
Lab Smp Id: DLC8E101 Client Smp ID: D12750
Inj Date : 08-OCT-2000 17:29
Operator : RRT Inst ID: md.i
Smp Info : DLC8E101,,2,,0,1,0,8260BDA.M,D12750
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.982	5.998	(0.843)	896544	54.4879	54.49	
$ 33 1,2-Dichloroethane-d4	65	6.524	6.530	(0.919)	585796	52.7451	52.74	
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.530	(0.919)	111178	49.6186	49.62	
* 38 Fluorobenzene	96	7.096	7.111	(1.000)	1156785	50.0000		
39 Trichloroethene	130	7.746	7.742	(1.092)	742307	68.6581	68.66	
$ 47 Toluene-d8	98	9.923	9.919	(0.787)	1190079	45.6816	45.68	
* 56 Chlorobenzene-d5	117	12.613	12.609	(1.000)	1125353	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.958	14.963	(0.866)	685354	45.8237	45.82	
$ 67 4-Bromofluorobenzene	95	14.948	14.954	(0.866)	909229	45.5482	45.55	
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.269	(1.000)	751123	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12850.D
Lab Smp Id: DLC8E101 Client Smp ID: D12750
Inj Date : 08-OCT-2000 17:29
Operator : RRT Inst ID: md.i
Smp Info : DLC8E101,,2,,0,1,0,8260BDA.M,D12750
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8E101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12750
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12850.D

Date : 08-OCT-2000 17:29

Client ID: D12750

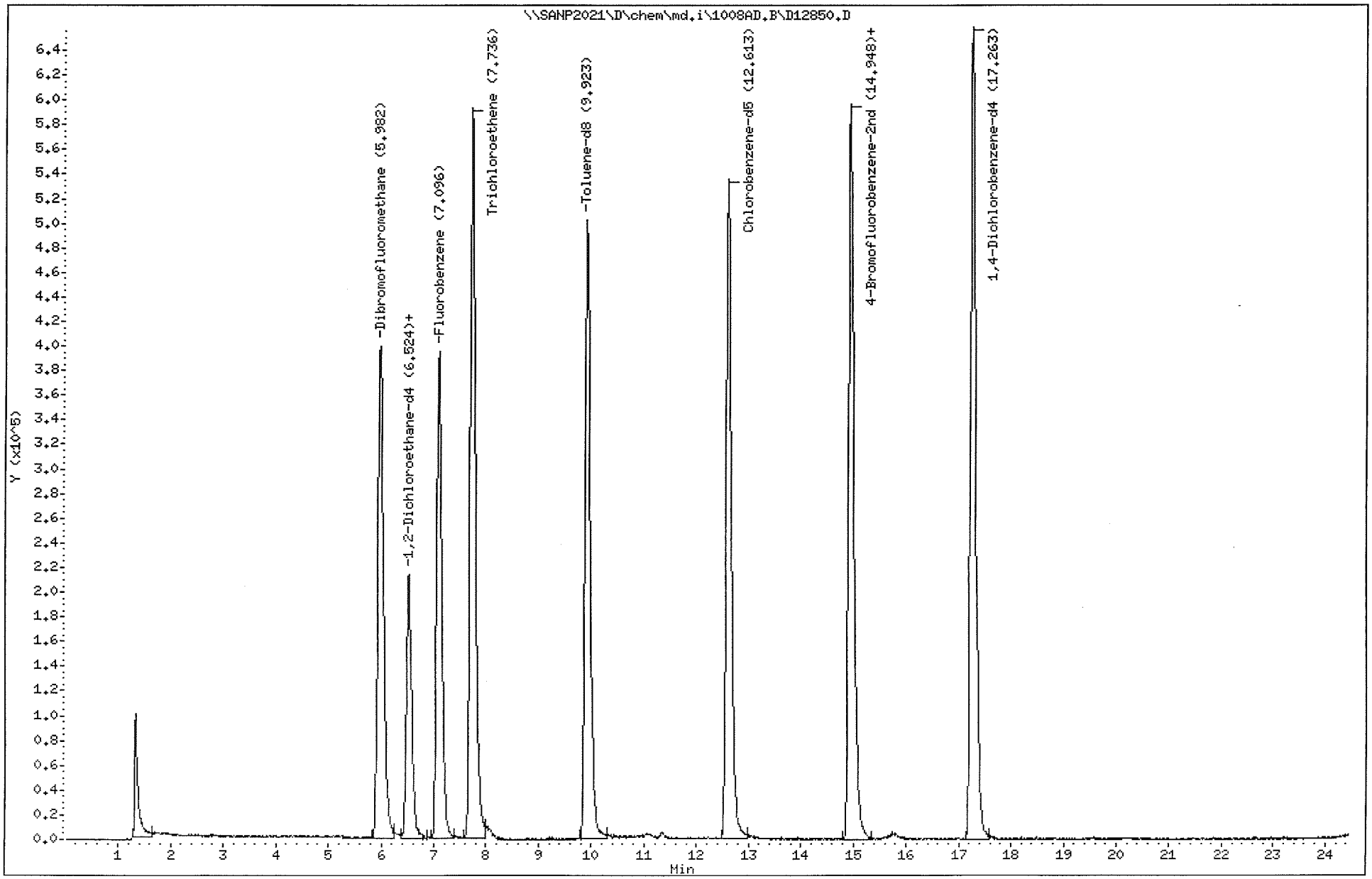
Sample Info: DLC8E101,,2,,0,1,0,8260BDA.M,D12750

Column phase: J&W DB-624

Instrument: md.i

Operator: RRT

Column diameter: 0.53



BOE-C6-0159177

000758

Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12850.D

Date : 08-OCT-2000 17:29

Client ID: D12750

Instrument: md.i

Sample Info: DLC8E101,,2,,0,1,0,8260BDA.M,D12750

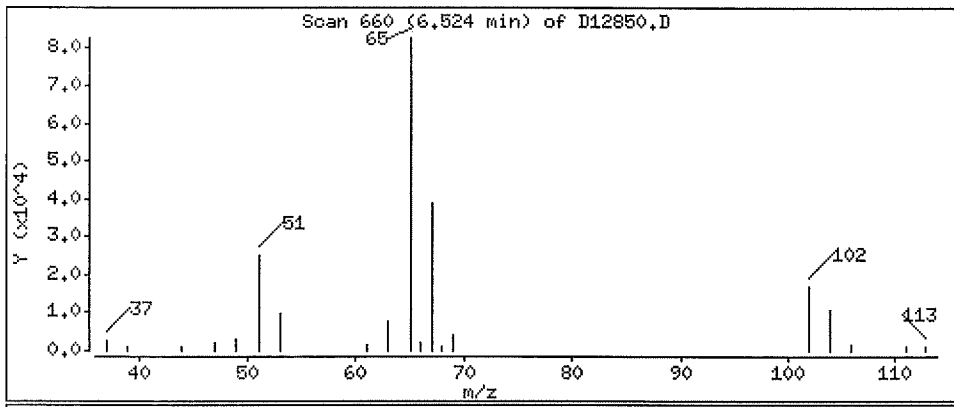
Operator: RRT

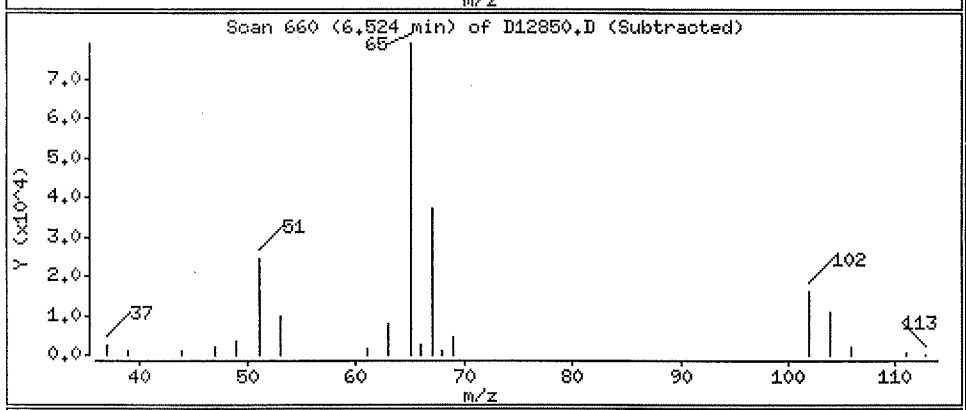
Column phase: J&W DB-624

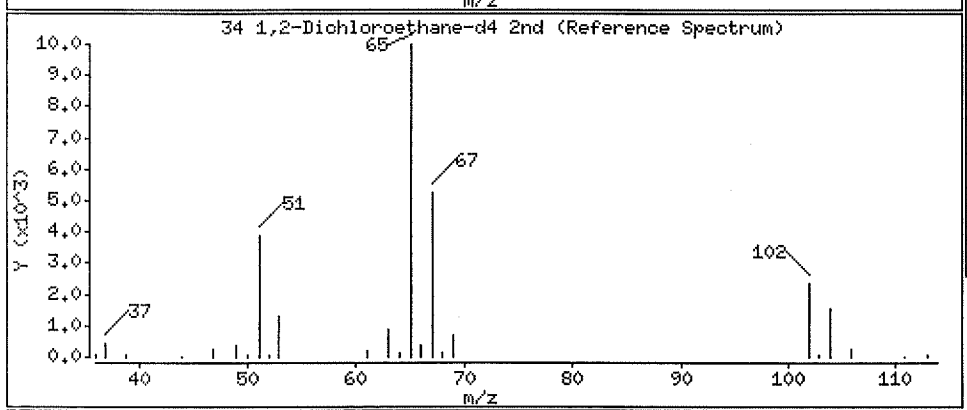
Column diameter: 0.53

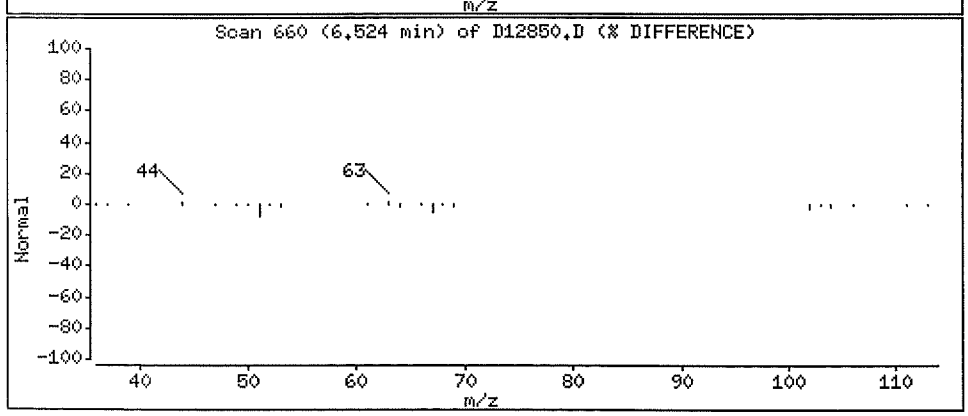
34 1,2-Dichloroethane-d4 2nd

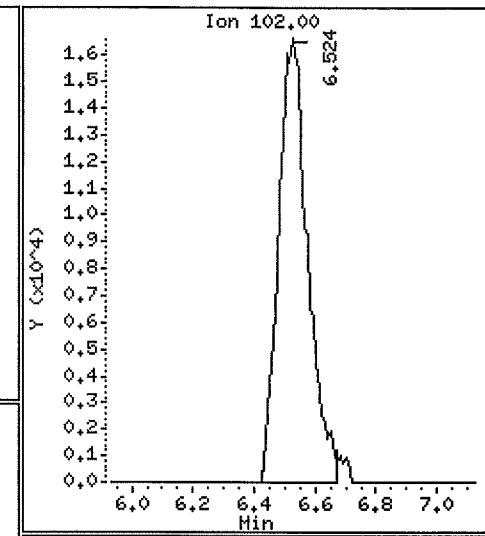
Concentration: 49.62 ug/Kg

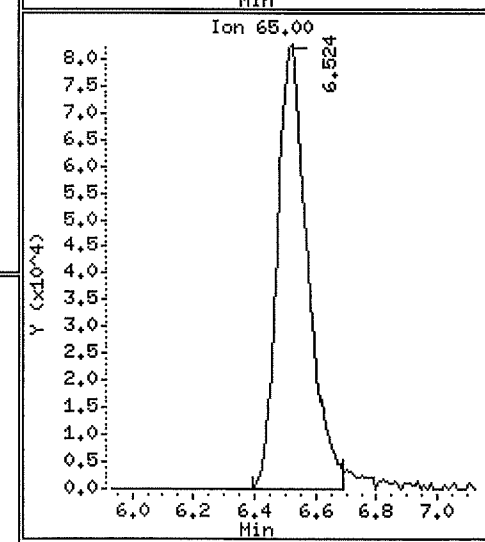












Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12850.D

Date : 08-OCT-2000 17:29

Client ID: D12750

Instrument: md.i

Sample Info: DLC8E101,,2,,0,1,0,8260BDA,M,D12750

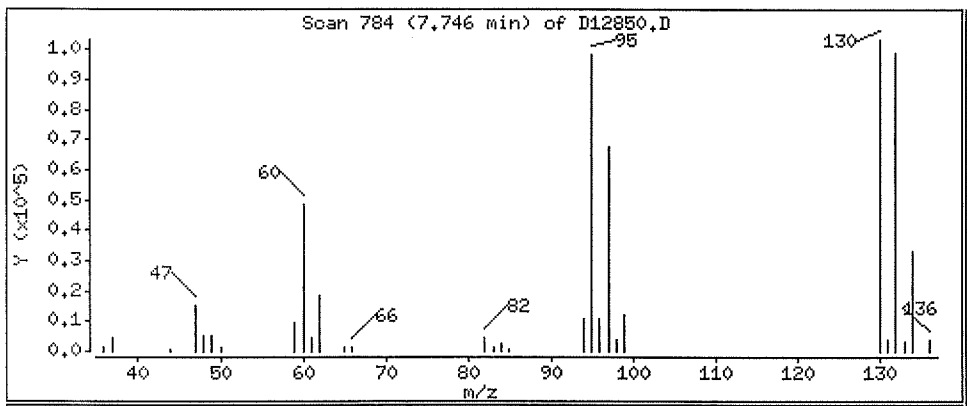
Operator: RRT

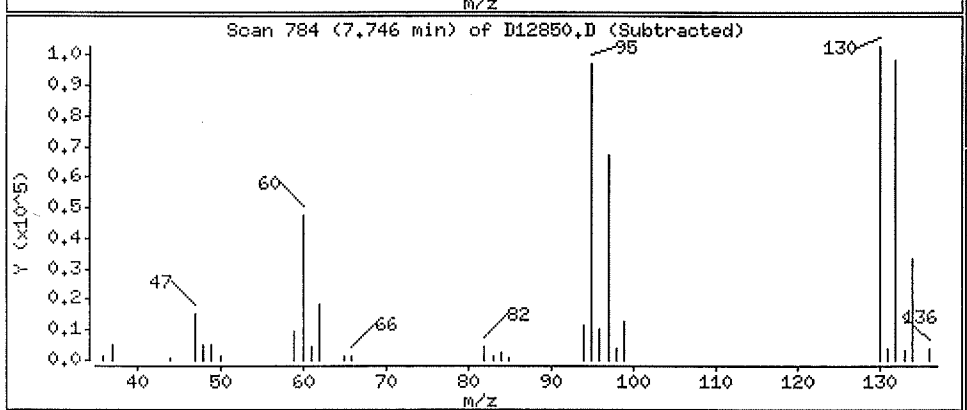
Column phase: J&W DB-624

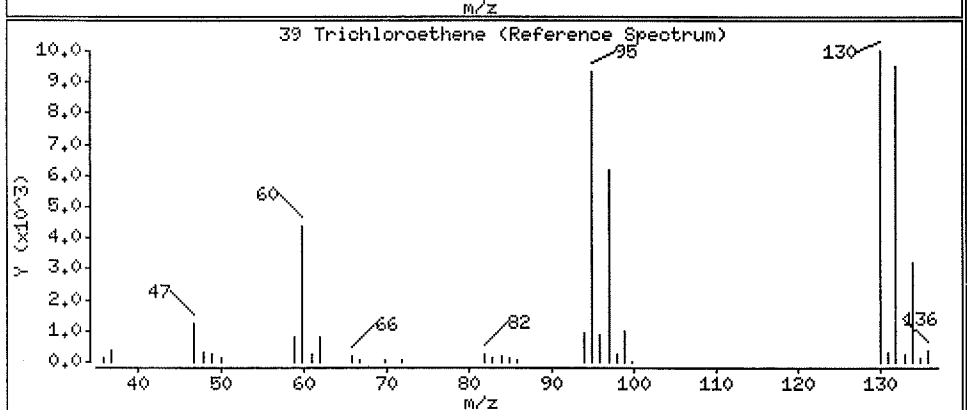
Column diameter: 0.53

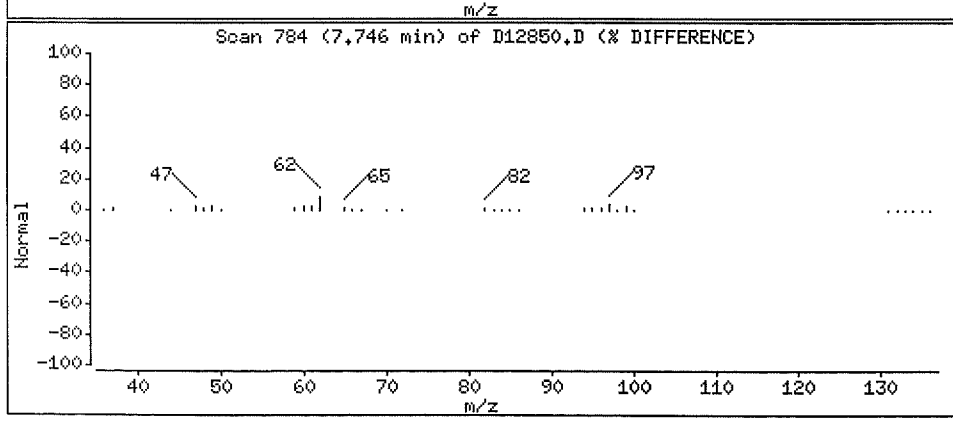
39 Trichloroethene

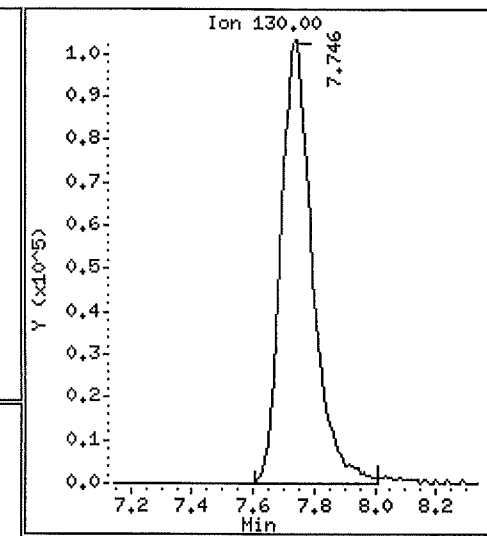
Concentration: 68.66 ug/Kg

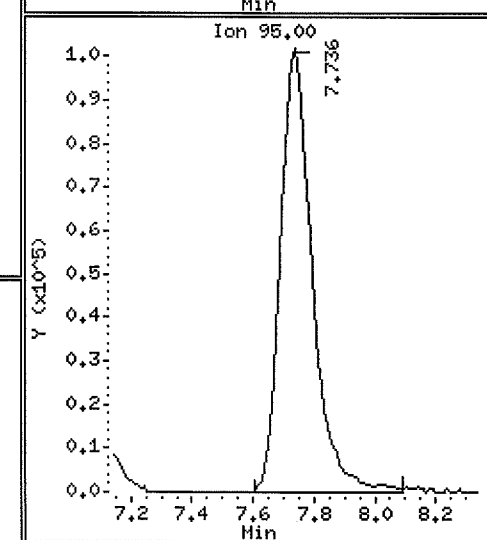


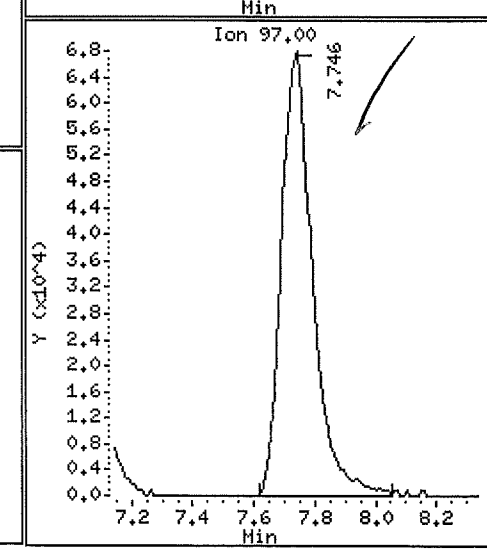












Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12850.D

Date : 08-OCT-2000 17:29

Client ID: D12750

Instrument: md.i

Sample Info: DLC8E101,,2,,0,1,0,8260BDA,M,D12750

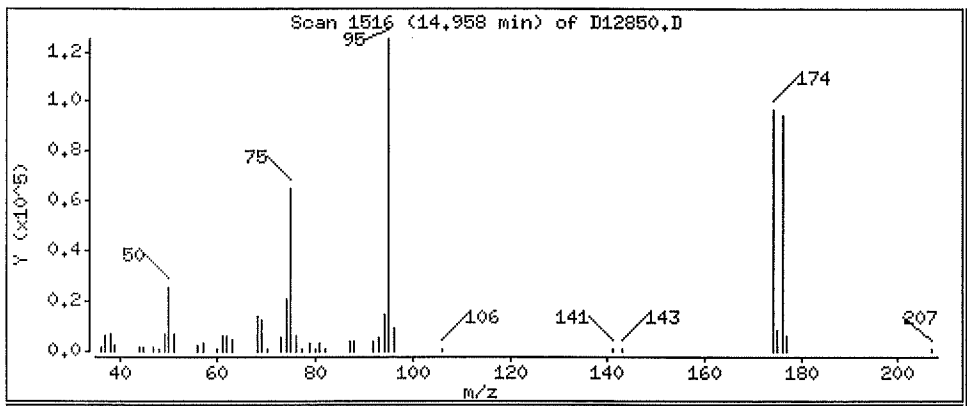
Operator: RRT

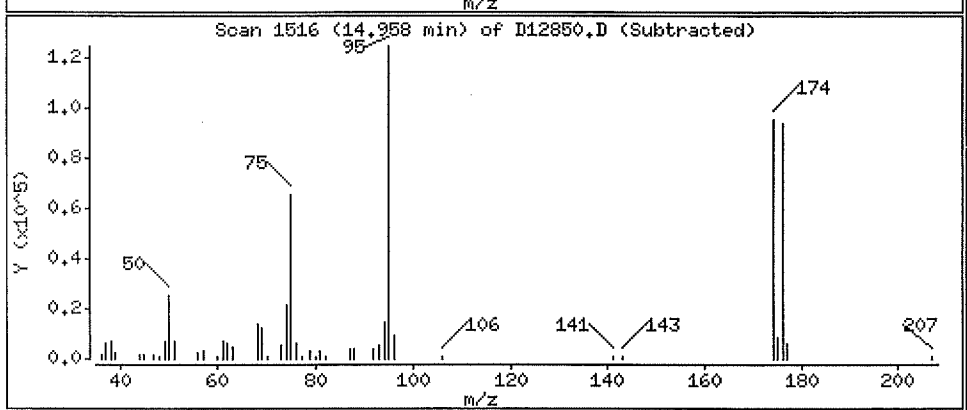
Column phase: J&W DB-624

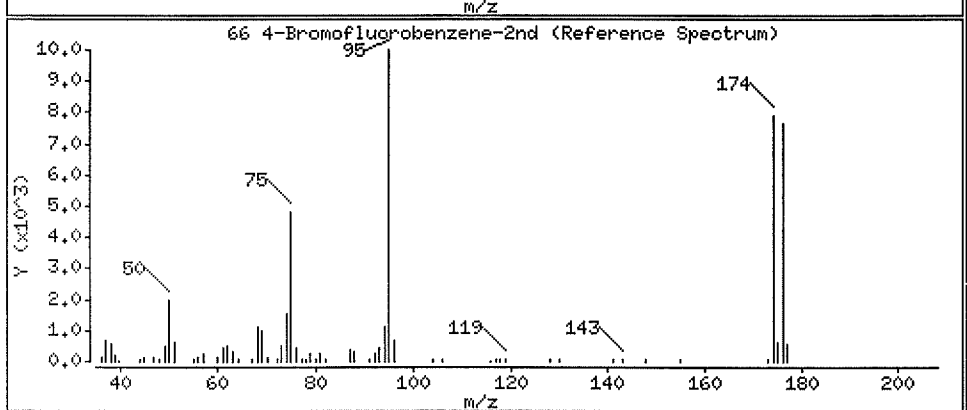
Column diameter: 0.53

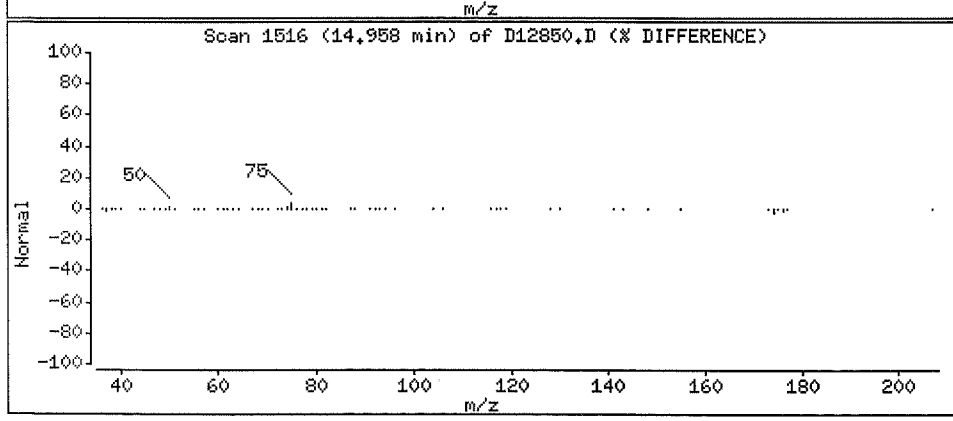
66 4-Bromofluorobenzene-2nd

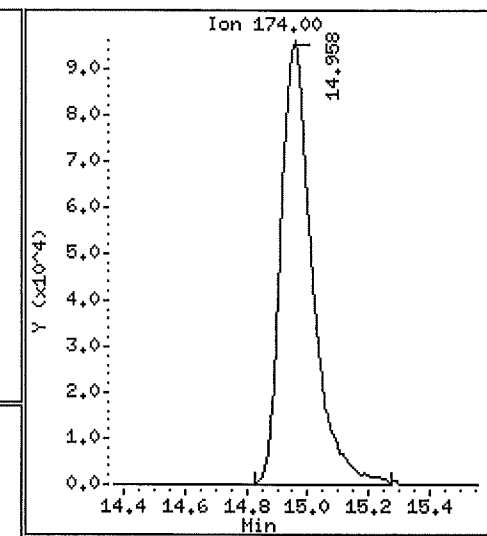
Concentration: 45.82 ug/Kg

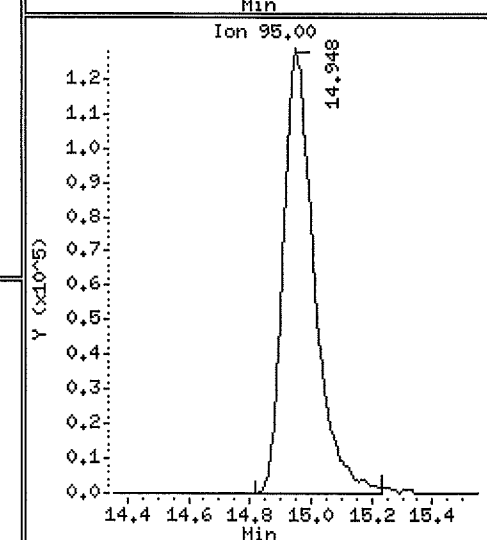


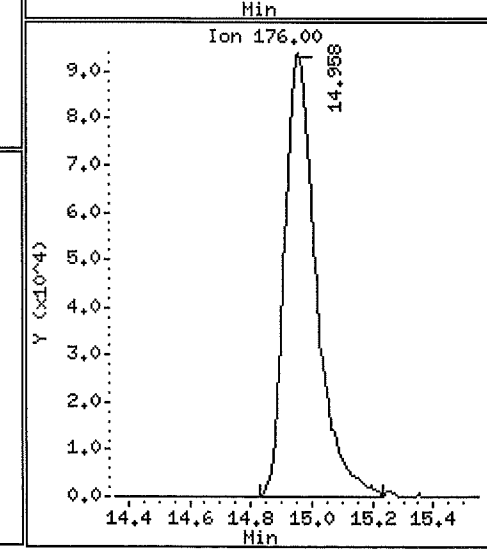












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12851.D
Lab Smp Id: DLC8F101 Client Smp ID: D12751
Inj Date : 08-OCT-2000 18:00
Operator : RRT Inst ID: md.i
Smp Info : DLC8F101,,2,,0,1,0,8260BDA.M,D12751
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.976	5.998	(0.843)	854652	51.6298	51.63
$ 33 1,2-Dichloroethane-d4	65	6.508	6.530	(0.918)	569158	50.9390	50.94
34 1,2-Dichloroethane-d4 2nd	102	6.508	6.530	(0.918)	107300	47.6001	47.60
* 38 Fluorobenzene	96	7.089	7.111	(1.000)	1163778	50.0000	
39 Trichloroethene	130	7.730	7.742	(1.090)	157101	14.4434	14.44
$ 47 Toluene-d8	98	9.917	9.919	(0.787)	1161236	44.3797	44.38
* 56 Chlorobenzene-d5	117	12.607	12.609	(1.000)	1130293	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.951	14.963	(0.866)	701274	43.8993	43.90
$ 67 4-Bromofluorobenzene	95	14.951	14.954	(0.866)	946102	44.3741	44.37
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.269	(1.000)	802263	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12851.D
Lab Smp Id: DLC8F101 Client Smp ID: D12751
Inj Date : 08-OCT-2000 18:00
Operator : RRT Inst ID: md.i
Smp Info : DLC8F101,,2,,0,1,0,8260BDA.M,D12751
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8F101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12751
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

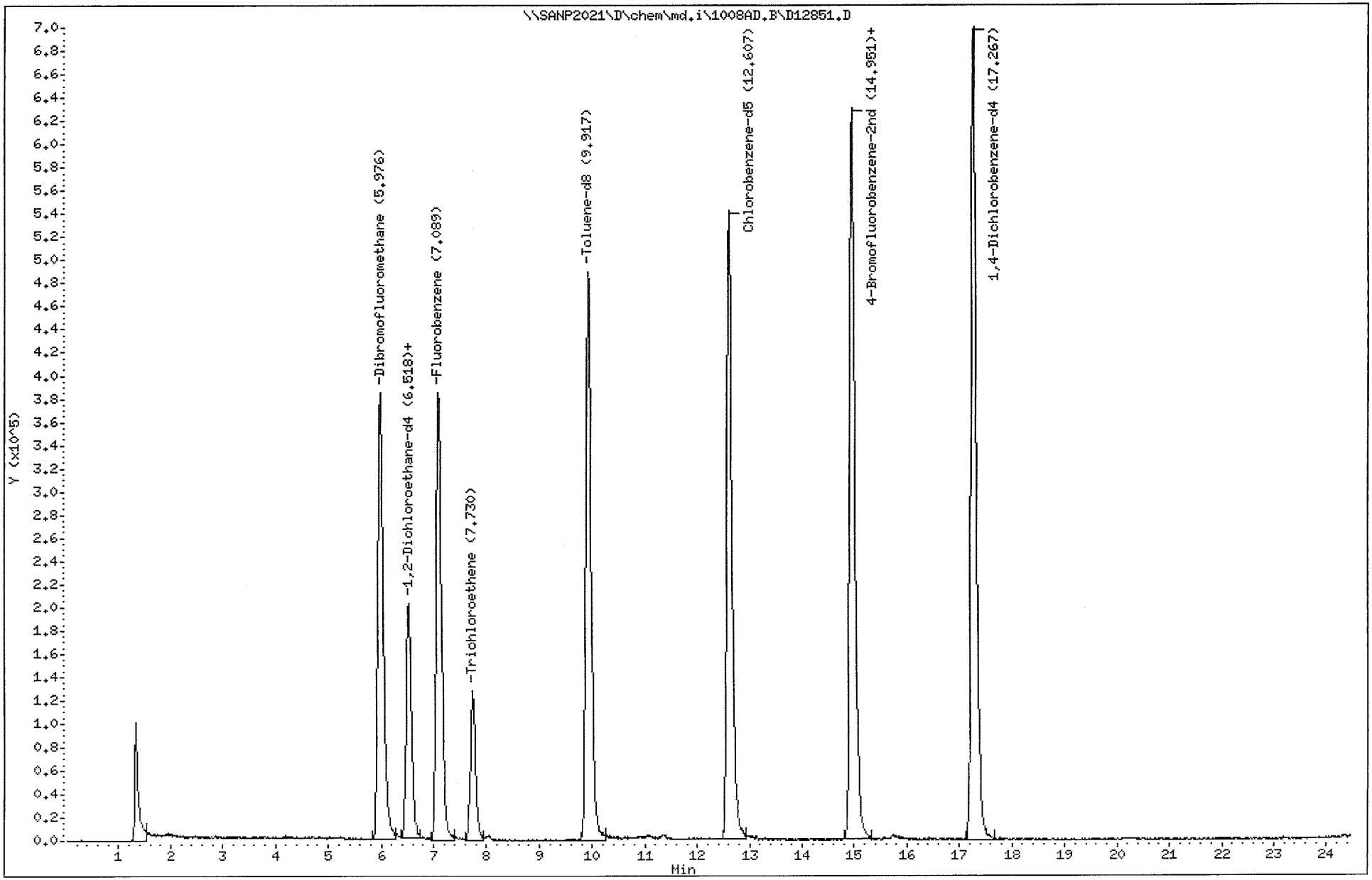
Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12851.D
Date : 08-OCT-2000 18:00
Client ID: D12751
Sample Info: DLC8F101,,2,,0,1,0,8260BDA.M,D12751

Instrument: md.i

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159185

997000

Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12851.D

Date : 08-OCT-2000 18:00

Client ID: D12751

Instrument: md.i

Sample Info: DLC8F101,,2,,0,1,0,8260BDA.M,D12751

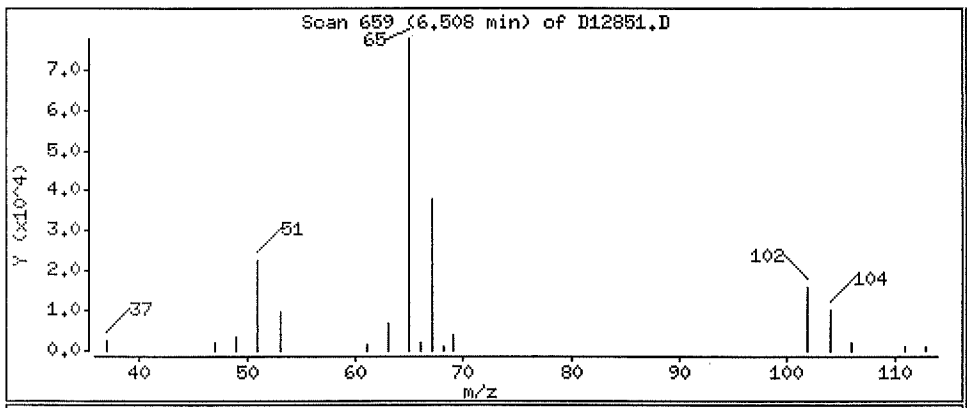
Operator: RRT

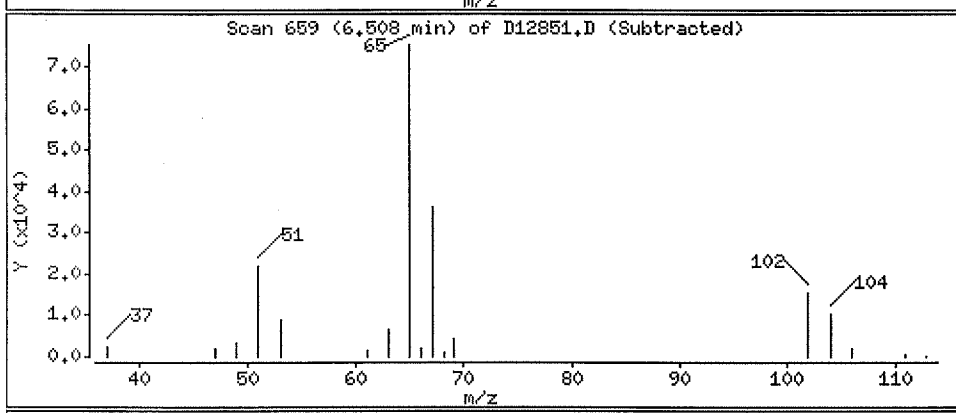
Column phase: J&W DB-624

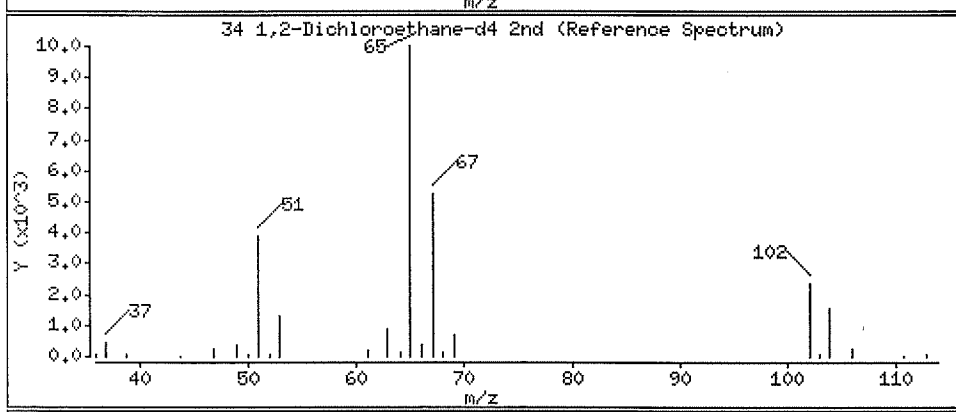
Column diameter: 0.53

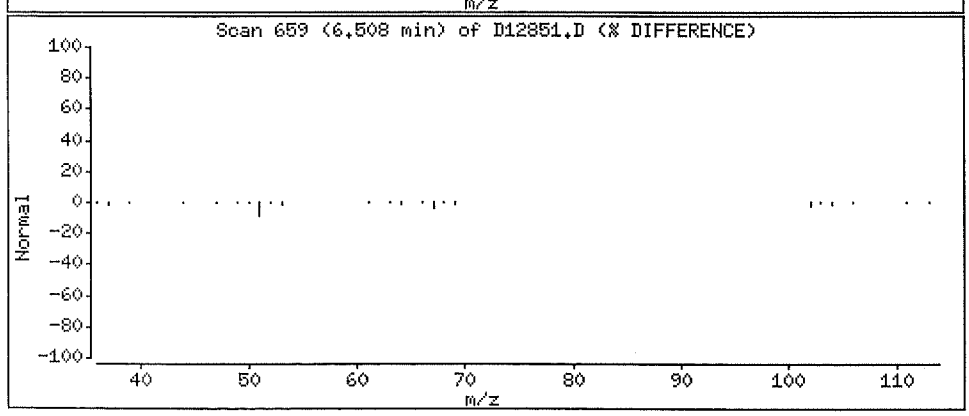
34 1,2-Dichloroethane-d4 2nd

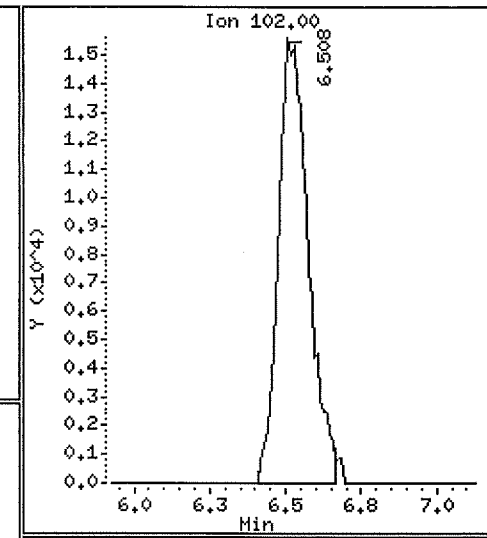
Concentration: 47.60 ug/Kg

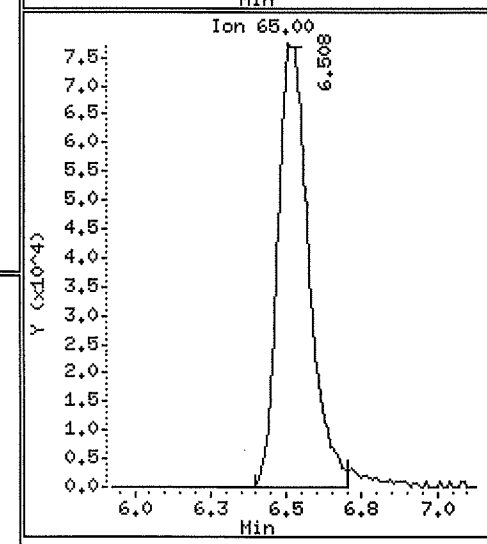












Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12851.D

Date : 08-OCT-2000 18:00

Client ID: D12751

Instrument: md.i

Sample Info: DLC8F101,,2,,0,1,0,8260BDA.M,D12751

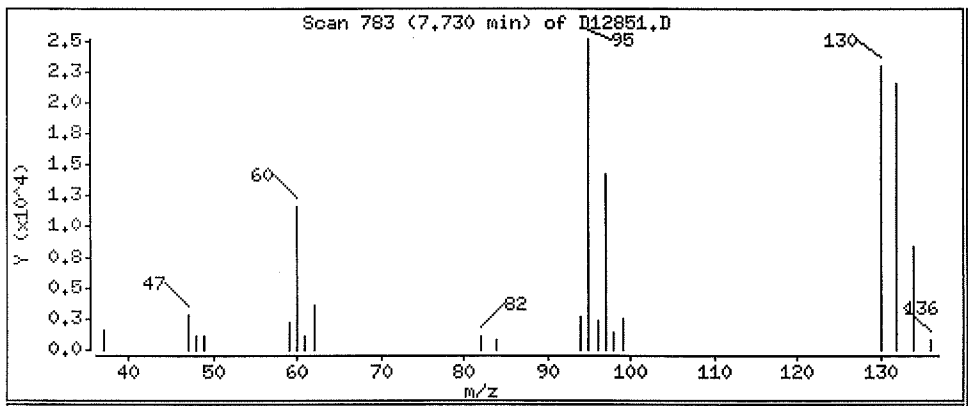
Operator: RRT

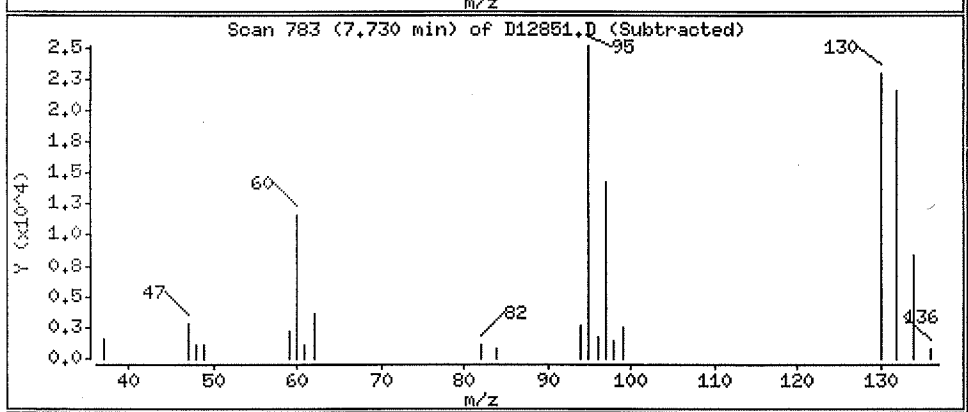
Column phase: J&W DB-624

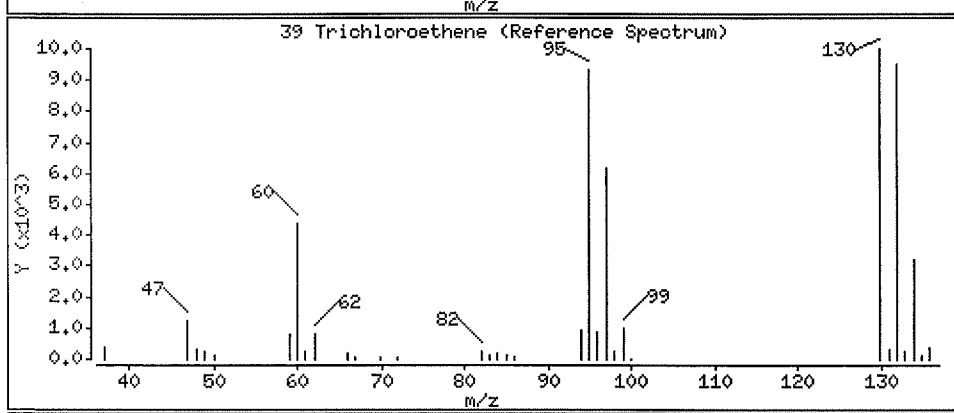
Column diameter: 0.53

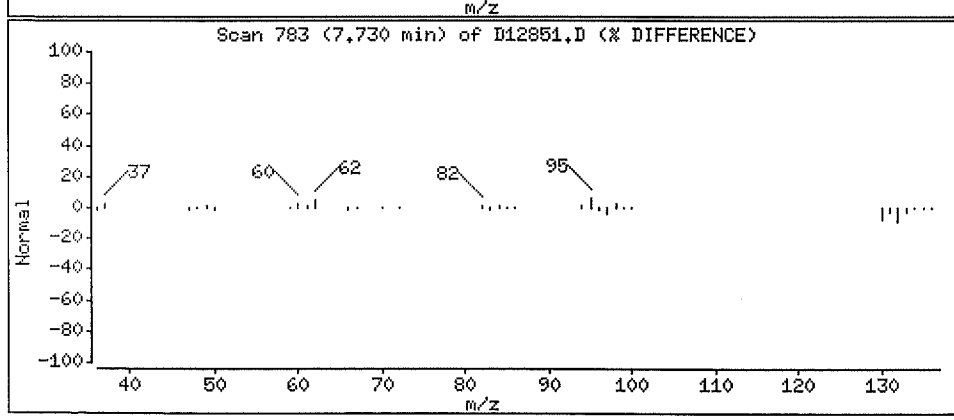
39 Trichloroethene

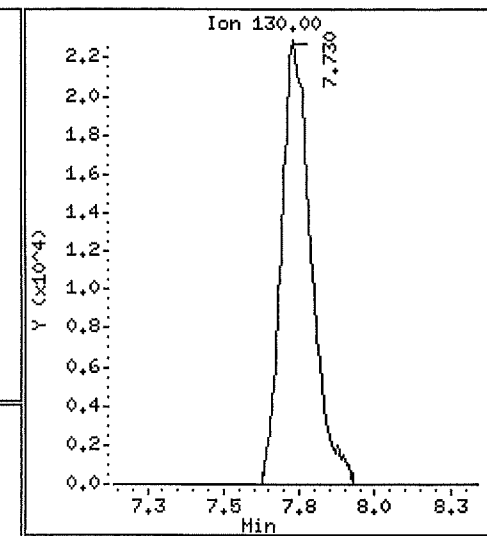
Concentration: 14.44 ug/Kg

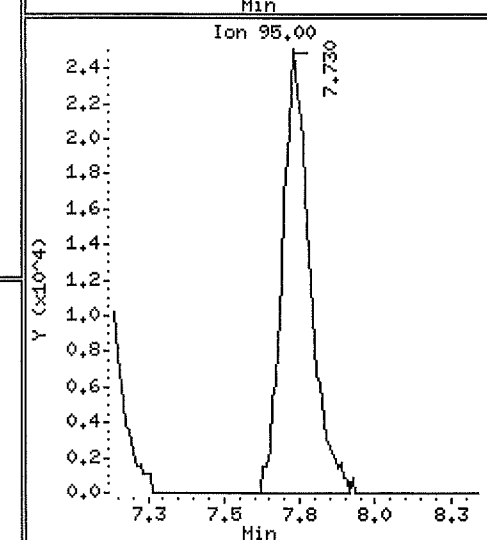


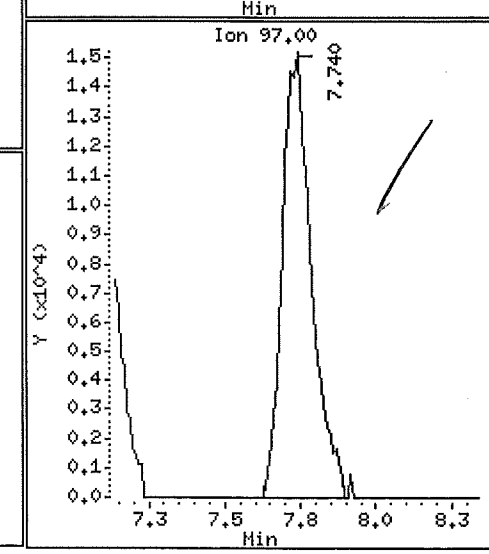












Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12851.D

Date : 08-OCT-2000 18:00

Client ID: D12751

Instrument: md.i

Sample Info: DLC8F101,,2,,0,1,0,8260BDA.M,D12751

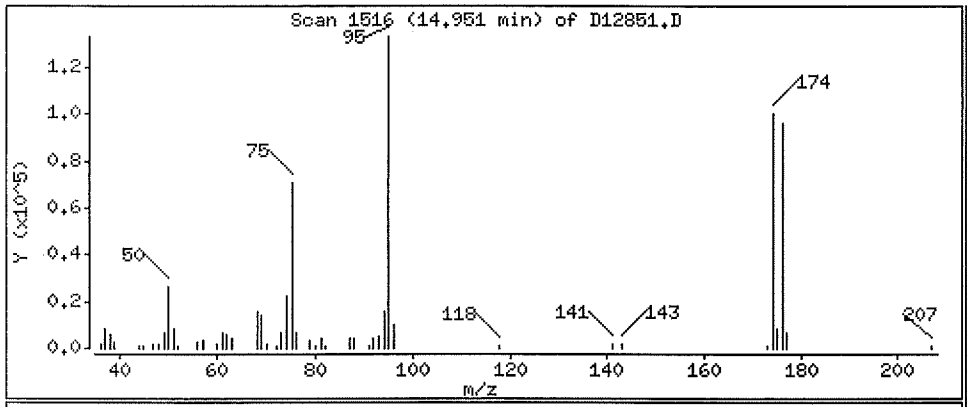
Operator: RRT

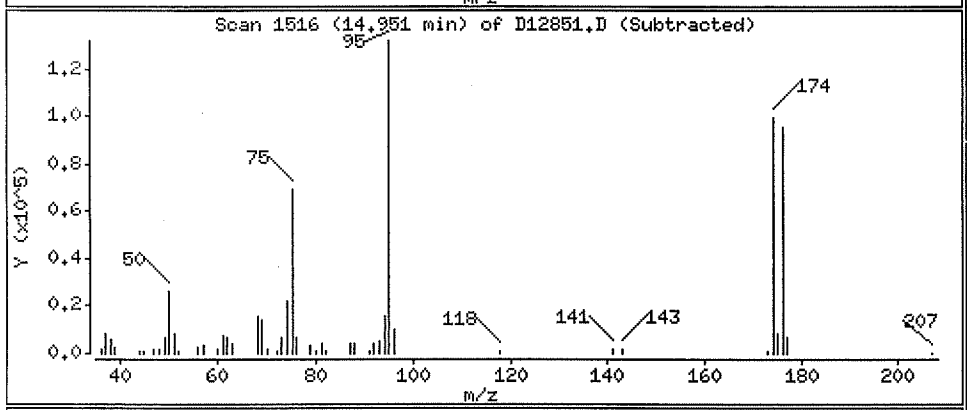
Column phase: J&W DB-624

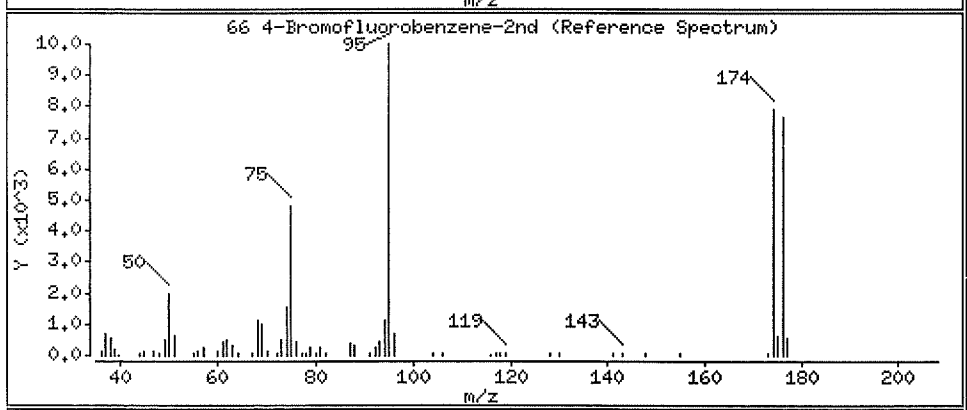
Column diameter: 0.53

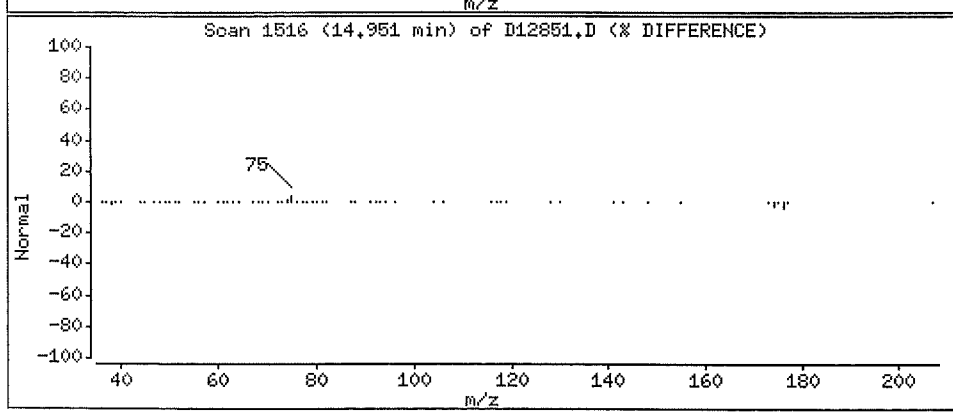
66 4-Bromofluorobenzene-2nd

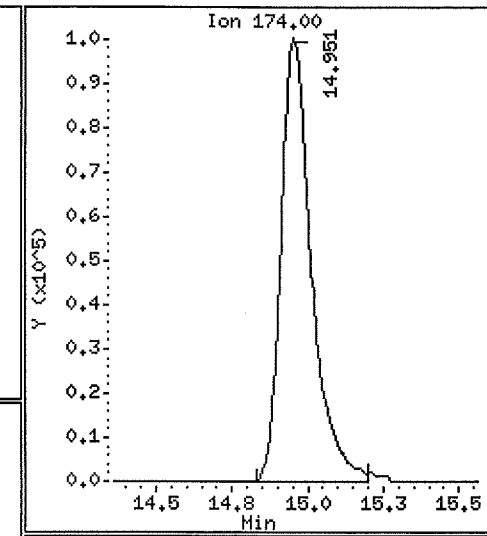
Concentration: 43.90 ug/Kg

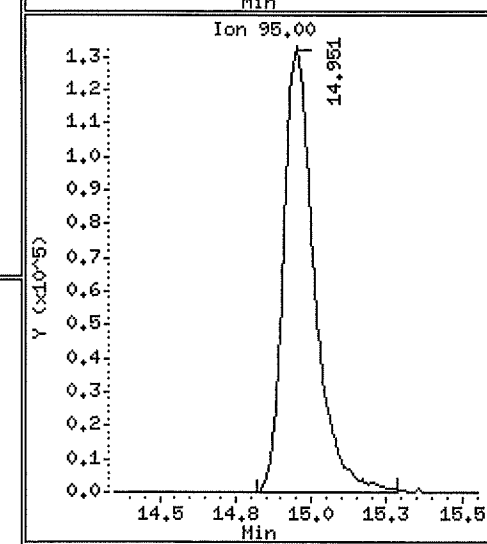


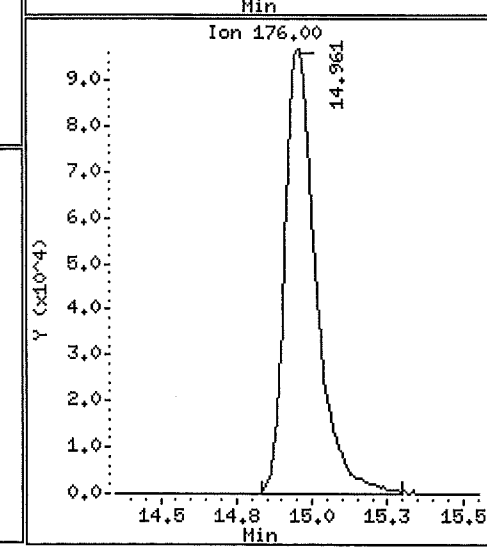












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12852.D
Lab Smp Id: DLC8L101 Client Smp ID: D12752
Inj Date : 08-OCT-2000 18:32
Operator : RRT Inst ID: md.i
Smp Info : DLC8L101,,2,,0,1,0,8260BDA.M,D12752
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1008AD.B\8260BDA.m
Meth Date : 08-Oct-2000 11:19 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.991	5.998	(0.846)	850671	51.9236	51.92
$ 33 1,2-Dichloroethane-d4	65	6.523	6.530	(0.921)	547783	49.5358	49.54
34 1,2-Dichloroethane-d4 2nd	102	6.513	6.530	(0.919)	105889	47.4626	47.46
* 38 Fluorobenzene	96	7.085	7.111	(1.000)	1151802	50.0000	
39 Trichloroethene	130	7.735	7.742	(1.092)	44288	4.11413	4.11(a)
$ 47 Toluene-d8	98	9.932	9.919	(0.788)	1176906	44.5885	44.59
* 56 Chlorobenzene-d5	117	12.612	12.609	(1.000)	1140181	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.947	14.963	(0.865)	712296	44.1602	44.16
$ 67 4-Bromofluorobenzene	95	14.957	14.954	(0.866)	950604	44.1563	44.16
* 79 1,4-Dichlorobenzene-d4	152	17.272	17.269	(1.000)	810058	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1008AD.B\D12852.D
Lab Smp Id: DLC8L101 Client Smp ID: D12752
Inj Date : 08-OCT-2000 18:32
Operator : RRT Inst ID: md.i
Smp Info : DLC8L101,,2,,0,1,0,8260BDA.M,D12752
Misc Info : ,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\1008AD.B\8260BDA.m
Meth Date : 09-Oct-2000 13:17 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8L101
Operator : RRT
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12752
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

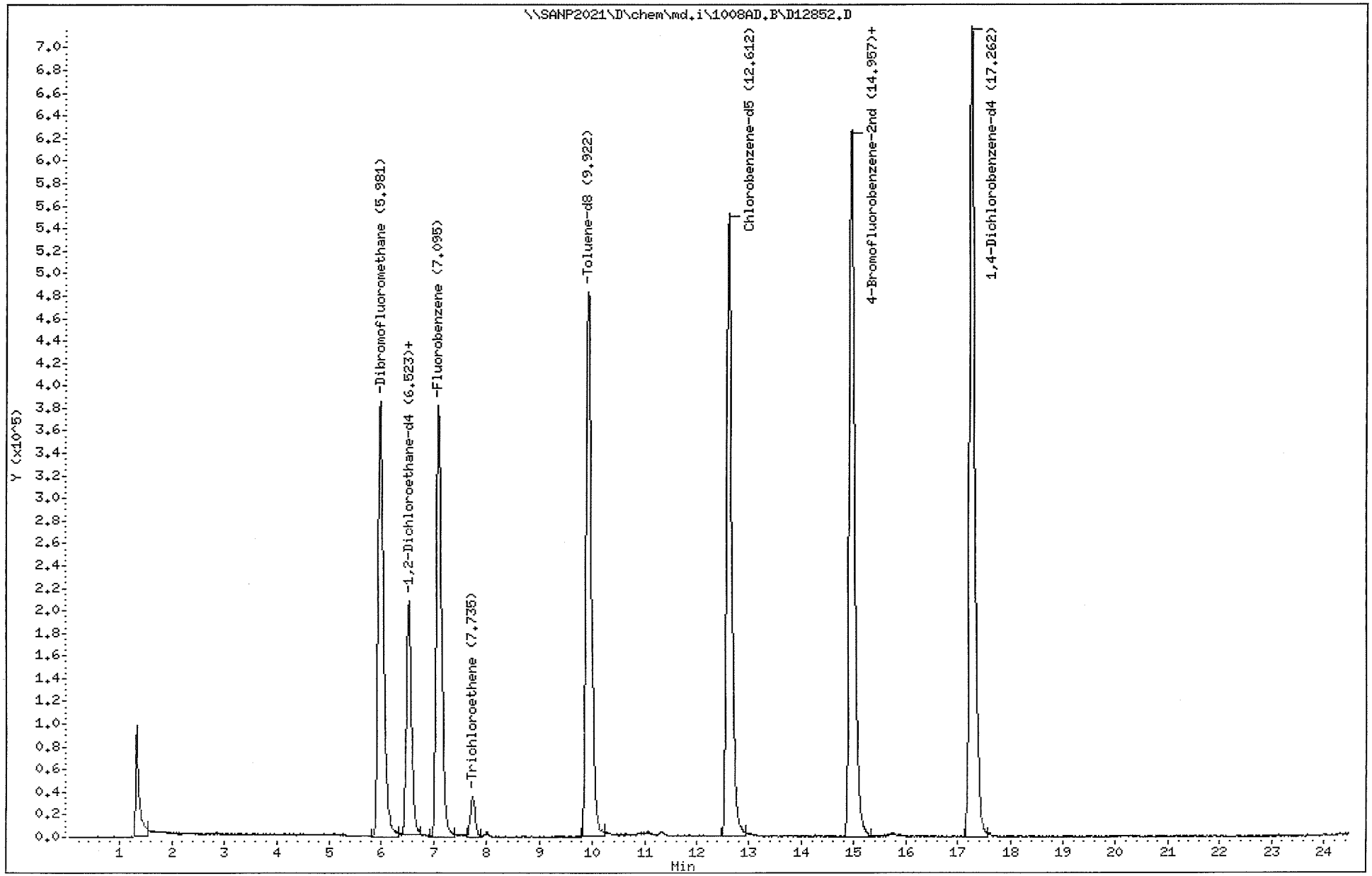
Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12852.D
Date : 08-OCT-2000 18:32
Client ID: D12752
Sample Info: DLC8L101,,2,,0,1,0,8260BDA.M,D12752

Instrument: md.i

Operator: RRT

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159193

000274

Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12852.D

Date : 08-OCT-2000 18:32

Client ID: D12752

Instrument: md.i

Sample Info: DLC8L101,,2,,0,1,0,8260BDA.M,D12752

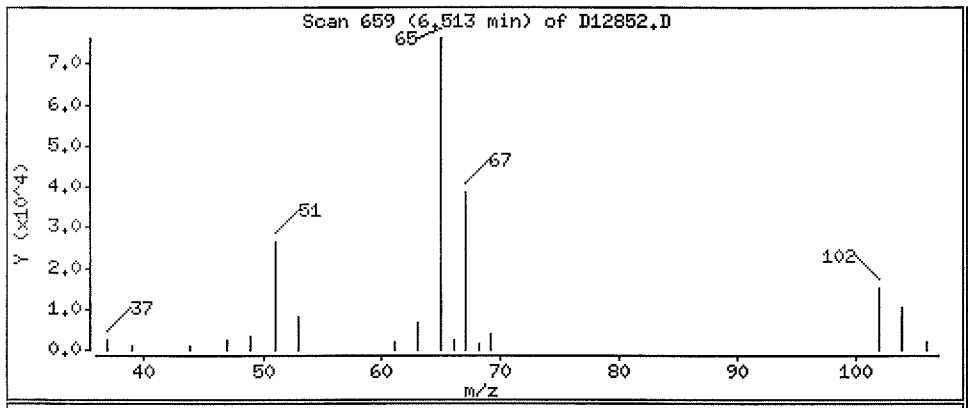
Operator: RRT

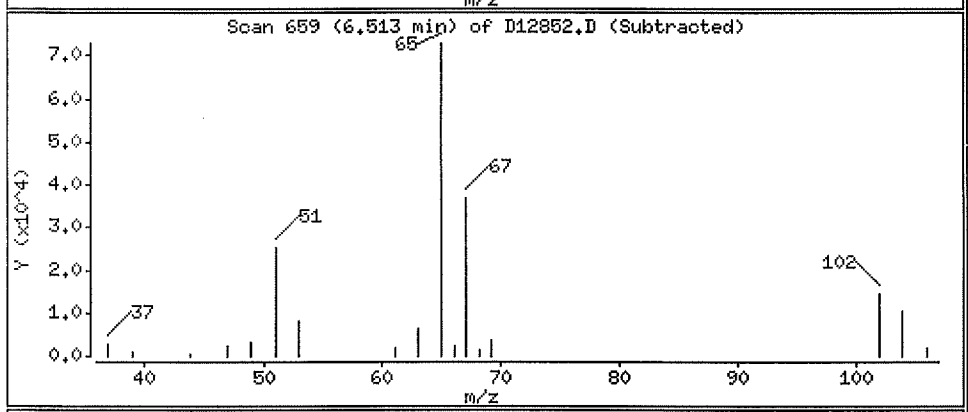
Column phase: J&W DB-624

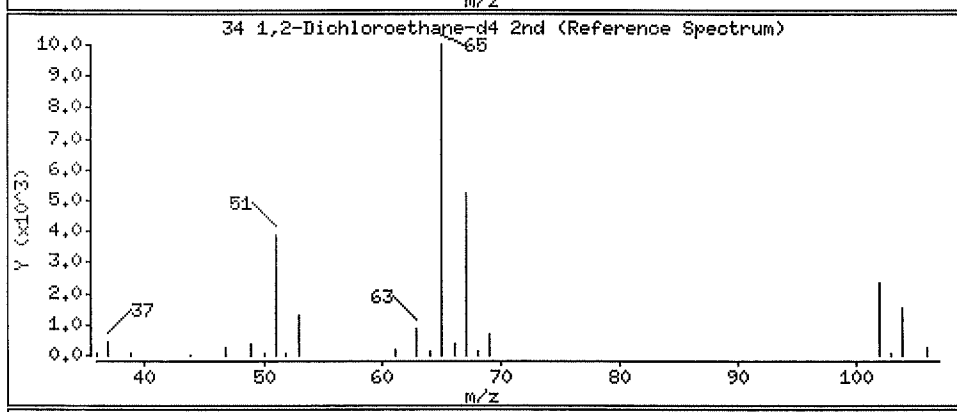
Column diameter: 0.53

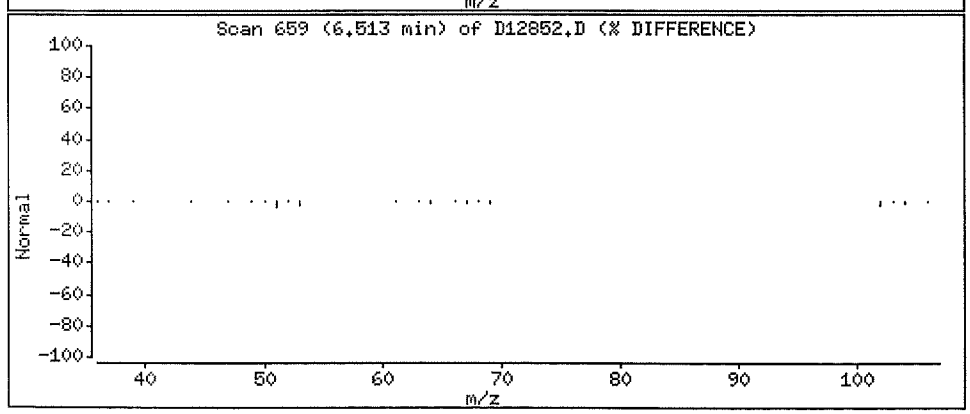
34 1,2-Dichloroethane-d4 2nd

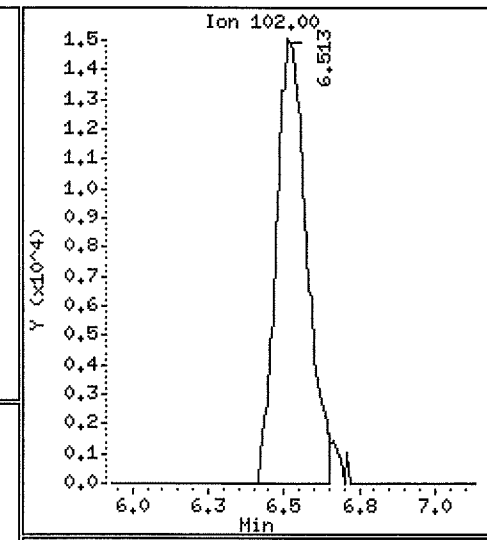
Concentration: 47.46 ug/Kg

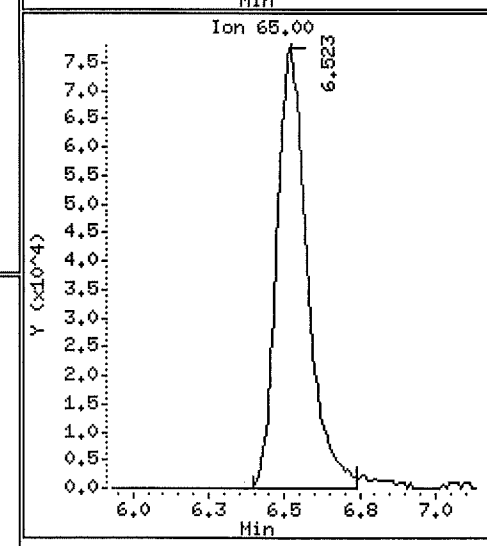












Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12852.D

Date : 08-OCT-2000 18:32

Client ID: D12752

Instrument: md.i

Sample Info: DLC8L101,,2,,0,1,0,8260BDA.M,D12752

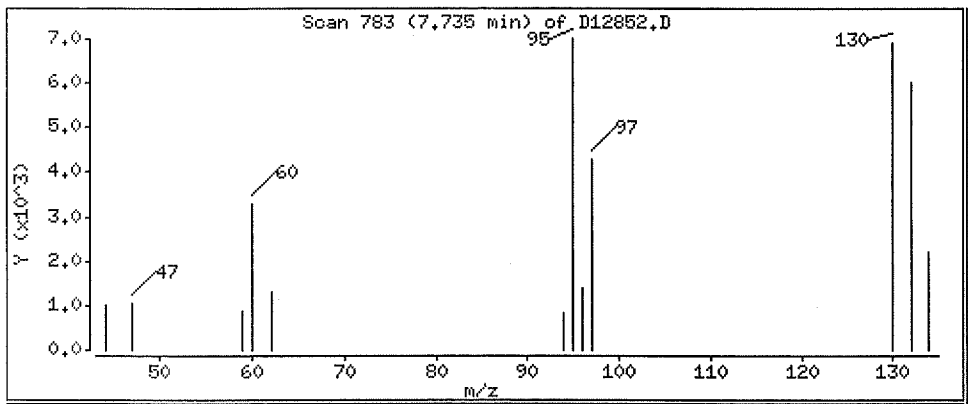
Operator: RRT

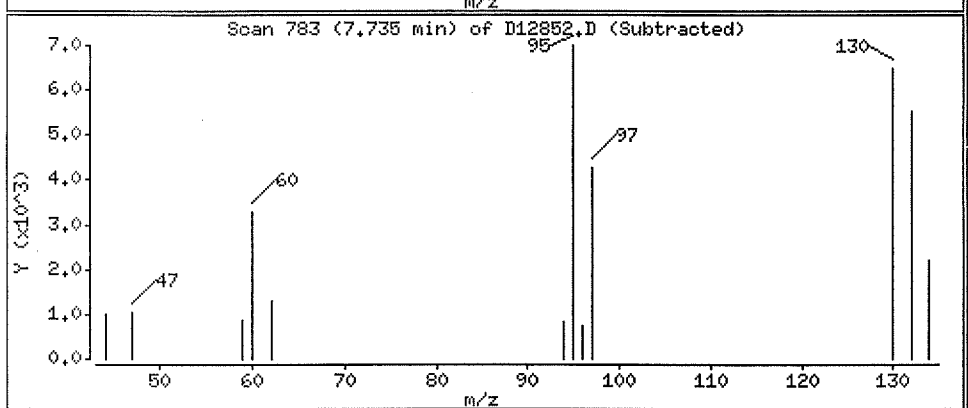
Column phase: J&W DB-624

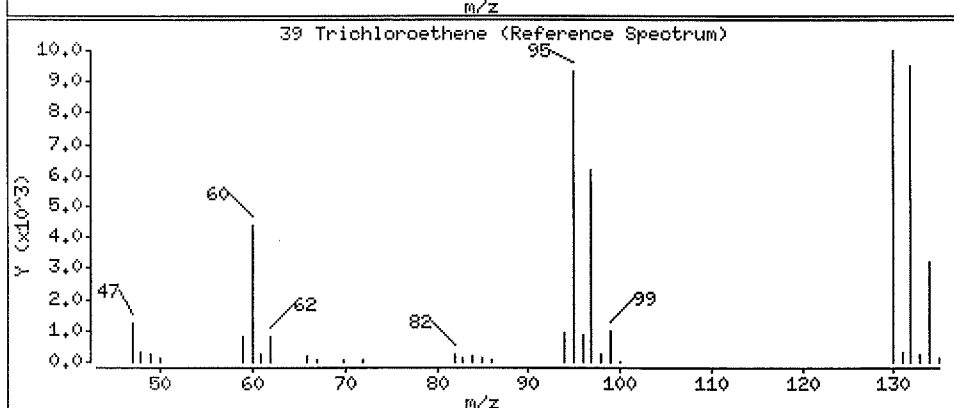
Column diameter: 0.53

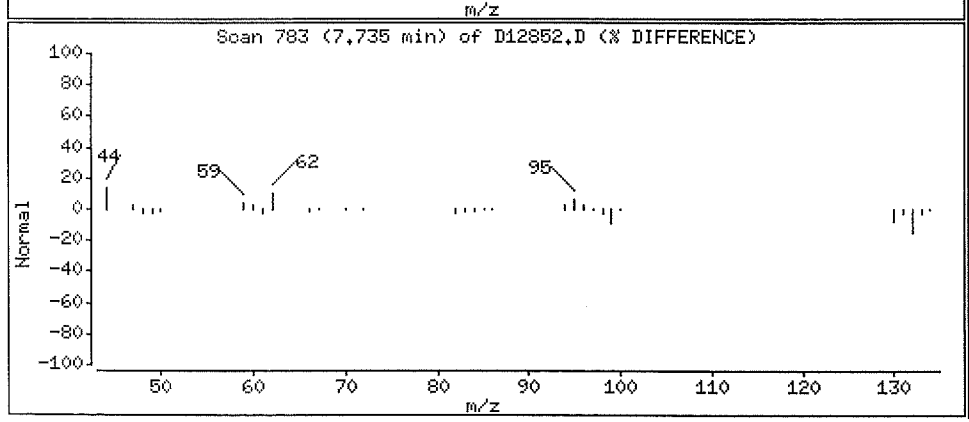
39 Trichloroethene

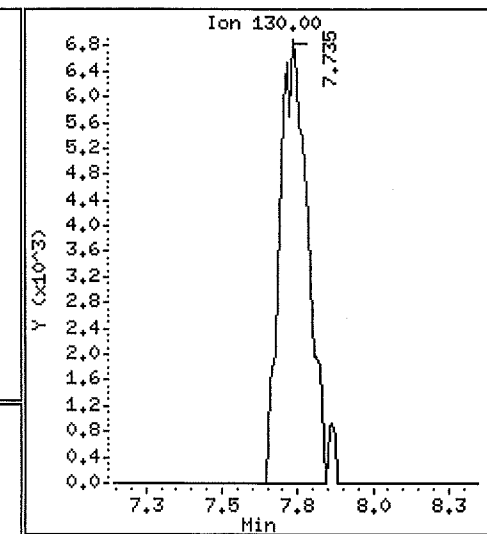
Concentration: 4.11 ug/Kg

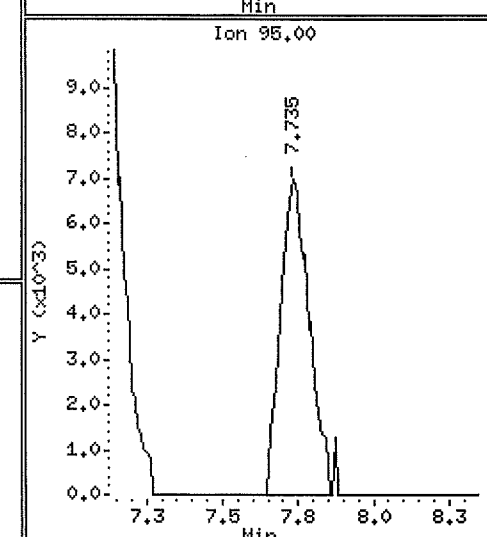


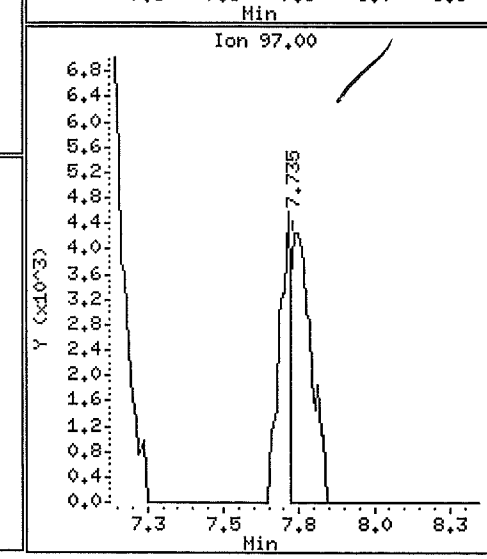












Data File: \\SANP2021\D\chem\md.i\1008AD.B\D12852.D

Date : 08-OCT-2000 18:32

Client ID: D12752

Instrument: md.i

Sample Info: DLC8L101,,2,,0,1,0,8260BDA,M,D12752

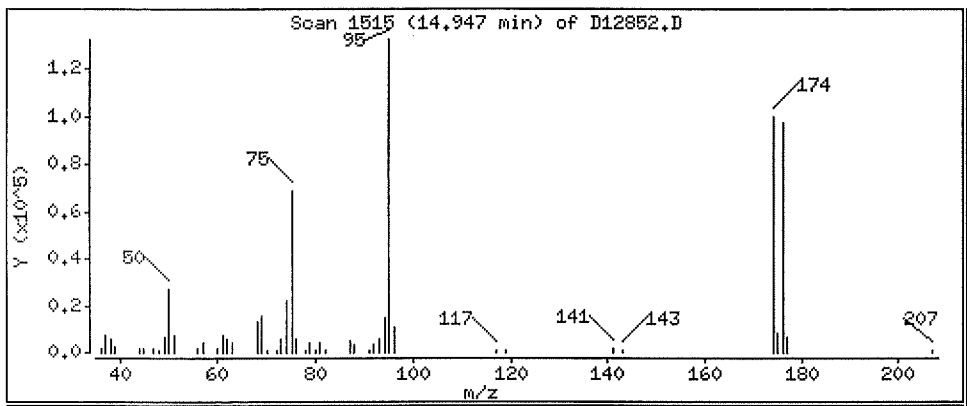
Operator: RRT

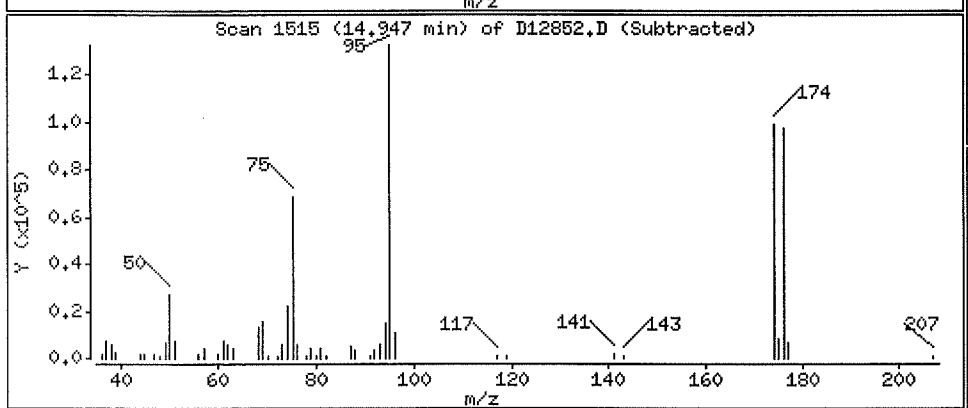
Column phase: J&W DB-624

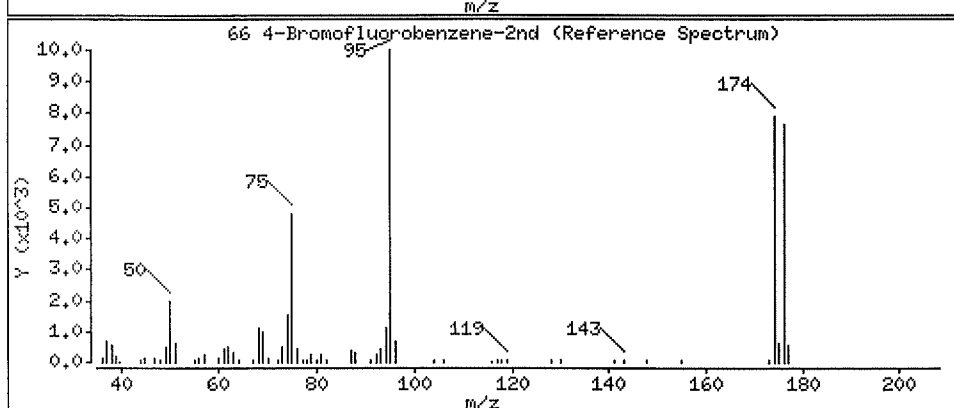
Column diameter: 0.53

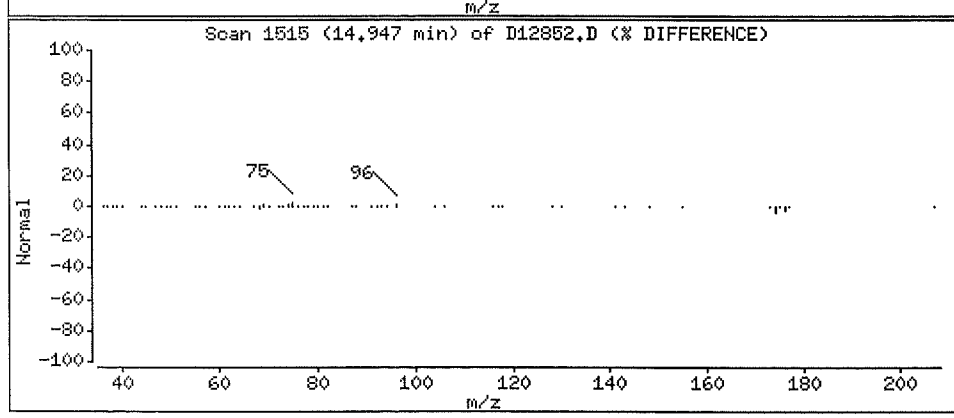
66 4-Bromofluorobenzene-2nd

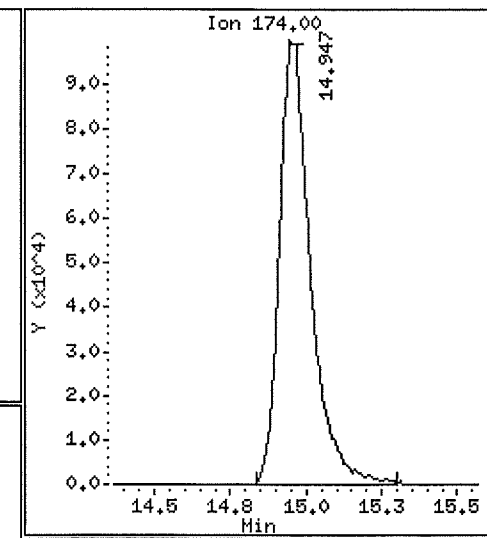
Concentration: 44.16 ug/Kg

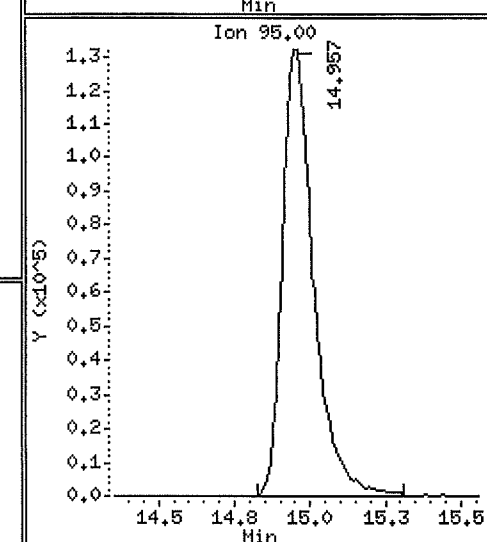


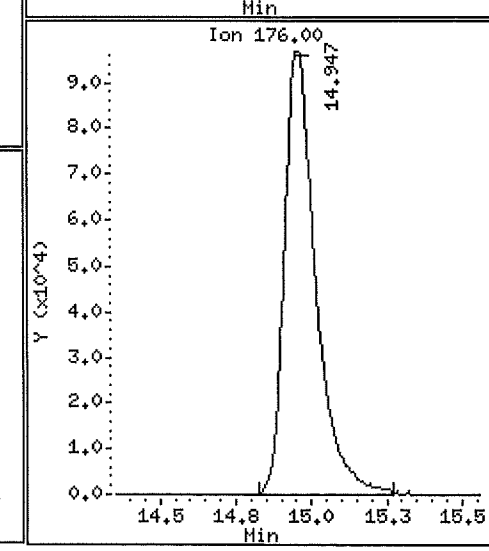












8260B SAMPLE / QC DATA

DATE ANALYZED: 100900

INSTRUMENT ID: MSD

SAMPLES: EOI290371-32→45

STL Los Angeles

GC/MS VOA Run Log

FJK 10/14/00

Batch ID: 0284487

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☑ 5030B ☐ 5035

Inst ID: MSD | EM Set: 1706 | Tune File: BFB | Seq File: 1009AD

Init. Cal ID: 8260BDA 10-4-00 | Date: 10-9-00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
9:48	GFB	DT 1570	50ng BFB	—	—	1ml	—	—	✓			1198-1
10:02		DS 2527	50ppb 8260B STD	1	S	5g	1	172	N			1242-2; 49-2; 47-1
10:48		DS 2528	↓	1				171	✓			↓
11:31		D12853	LCS 1009AD	2				162	/			1244-2
12:03		54	MB 1009AD	3				150	/			
12:35		55	DLC7V101	4				144	/			EOI290371-9 Boeing
13:07		56	DLC8M101	5				125	/			-32
13:39		57	DLC8N101	6				139	/			-33
14:11		58	DLC8P101	7				134	/			-34
14:42		59	DLC8Q101	8				123	/			-35
15:14		60	DLC8M10 S	9				137	/			-32S 1244-2
15:46		61	DLC8M10 D	10				137	/			-32D ↓
16:18		62	DLC8R101	11				142	/			-36
16:50		63	DLC8T101	12				134	/			-37
17:21		64	DLC8V101	13				131	/			-38
17:53		65	DLC8W101	14				70	N			-39 Low purge
18:25		66	DLC8X101	15				73	N			-40 "
18:56		67	DLC91101	16				132	/			-41
19:26		68	DLC93101	17				128	/			-42
19:59		69	DLC94101	18				62	N			-43 Low purge
20:31		70	DLC96101	19				125	/			-44
21:07		71	DLC98101	20				125	/			-45
21:39		72	DLGR2101	21				128	/			EOJ030263-3

Version 01/04/99

G:\FORMS\Run Log\MSV Runlog.DOC

BOE-C6-0159198

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA02193

Lab File ID (Standard): DS2528 Date Analyzed: 10/09/00

Instrument ID: MD Time Analyzed: 1048

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1712129	7.09	1468034	12.61	1033727	17.27
	UPPER LIMIT	3424258	7.59	2936068	13.11	2067454	17.77
	LOWER LIMIT	856065	6.59	734017	12.11	516864	16.77
	EPA SAMPLE NO.						
01	D12853	1622995	7.10	1391773	12.61	1014081	17.25
02	D12754	1508869	7.08	1364424	12.61	934819	17.27
03	D12755	1446148	7.09	1259932	12.61	870210	17.27
04	D12756	1256894	7.09	1124982	12.61	770531	17.26
05	D12757	1392208	7.10	1211732	12.62	847585	17.27
06	D12758	1341739	7.09	1184368	12.62	834757	17.27
07	D12759	1334829	7.09	1157539	12.63	774190	17.27
08	D12760	1370490	7.10	1158075	12.62	880737	17.28
09	D12761	1373876	7.10	1165864	12.63	867936	17.27
10	D12762	1426428	7.10	1220395	12.62	861466	17.28
11	D12763	1345673	7.10	1157593	12.62	794261	17.27
12	D12764	1315947	7.10	1162372	12.62	808280	17.28
13	D12765	701099*	7.10	542783*	12.62	331965*	17.27
14	D12766	738446*	7.12	591212*	12.62	370612*	17.27
15	D12767	1328602	7.09	1170971	12.62	845762	17.27
16	D12768	1288199	7.10	1144147	12.62	800501	17.26
17	D12769	620715*	7.10	497809*	12.62	310952*	17.27
18	D12770	1256356	7.10	1063064	12.62	700250	17.26
19	D12771	1255701	7.10	1109015	12.61	774656	17.27
20	D12772	1280796	7.09	1166698	12.61	823900	17.26
21	D12773	1539467	7.12	1318366	12.63	929105	17.28
22	D12774	1274599	7.10	1089688	12.62	805646	17.27

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\DT1570.D
Lab Smp Id:
Inj Date : 09-OCT-2000 09:48
Operator : GFB Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.7740	1.8000	(0.000)	95	116178			0.00- 100.00	100.00
1.7740	1.8000	(0.000)	50	21770			15.00- 40.00	18.74
1.7740	1.8000	(0.000)	75	56186			30.00- 60.00	48.36
1.7740	1.8000	(0.000)	96	9382			5.00- 9.00	8.08
1.7740	1.8000	(0.000)	173	331			0.00- 2.00	0.36
1.7740	1.8000	(0.000)	174	92160			50.00- 0.00	79.33
1.7740	1.8000	(0.000)	175	7731			5.00- 9.00	8.39
1.7740	1.8000	(0.000)	176	91584			95.00- 101.00	99.38
1.7740	1.8000	(0.000)	177	7045			5.00- 9.00	7.69

10-10-00

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\DT1570.D

Date : 09-OCT-2000 09:48

Client ID:

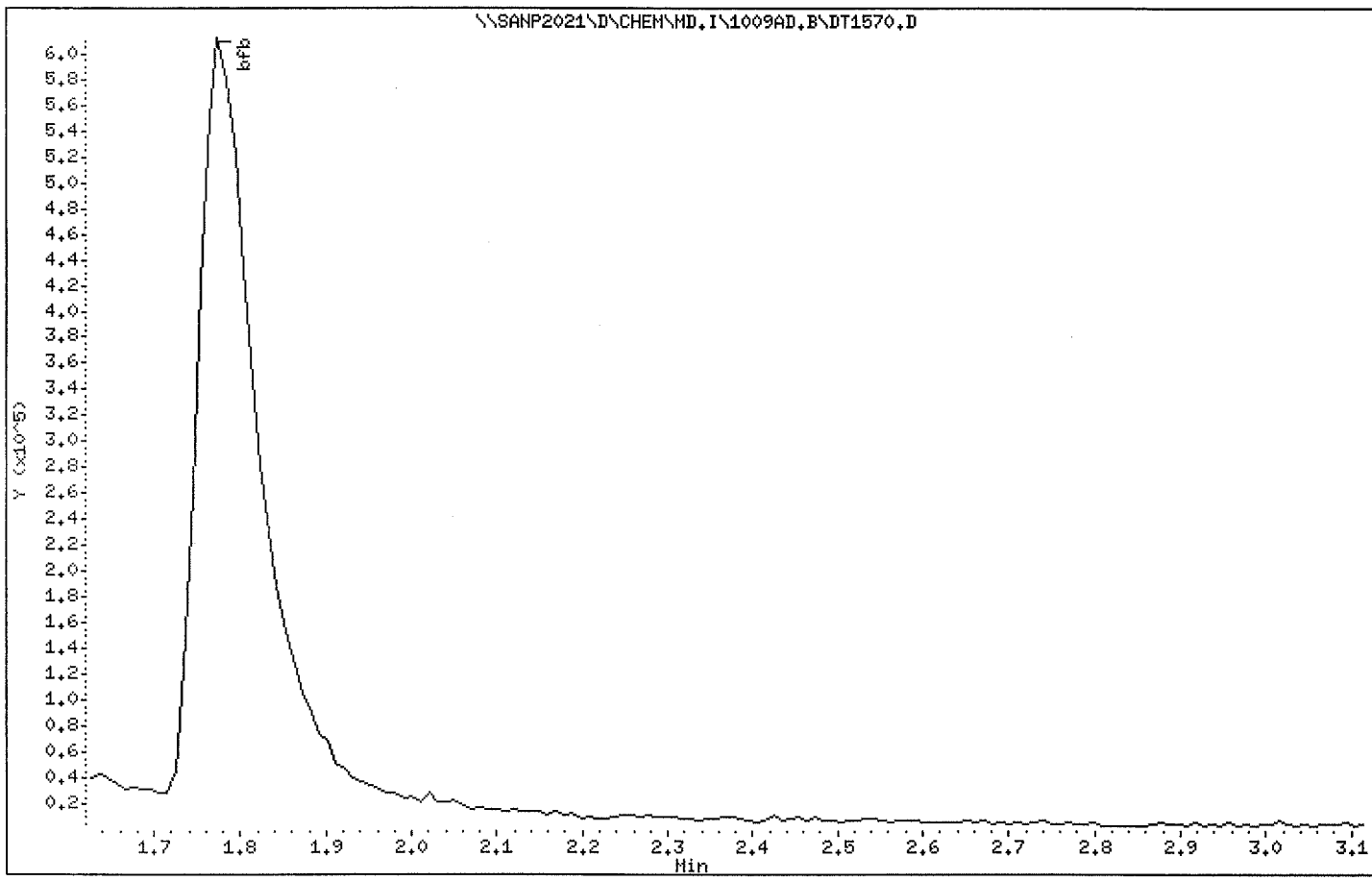
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\DT1570.D

Date : 09-OCT-2000 09:48

Client ID:

Instrument: md.i

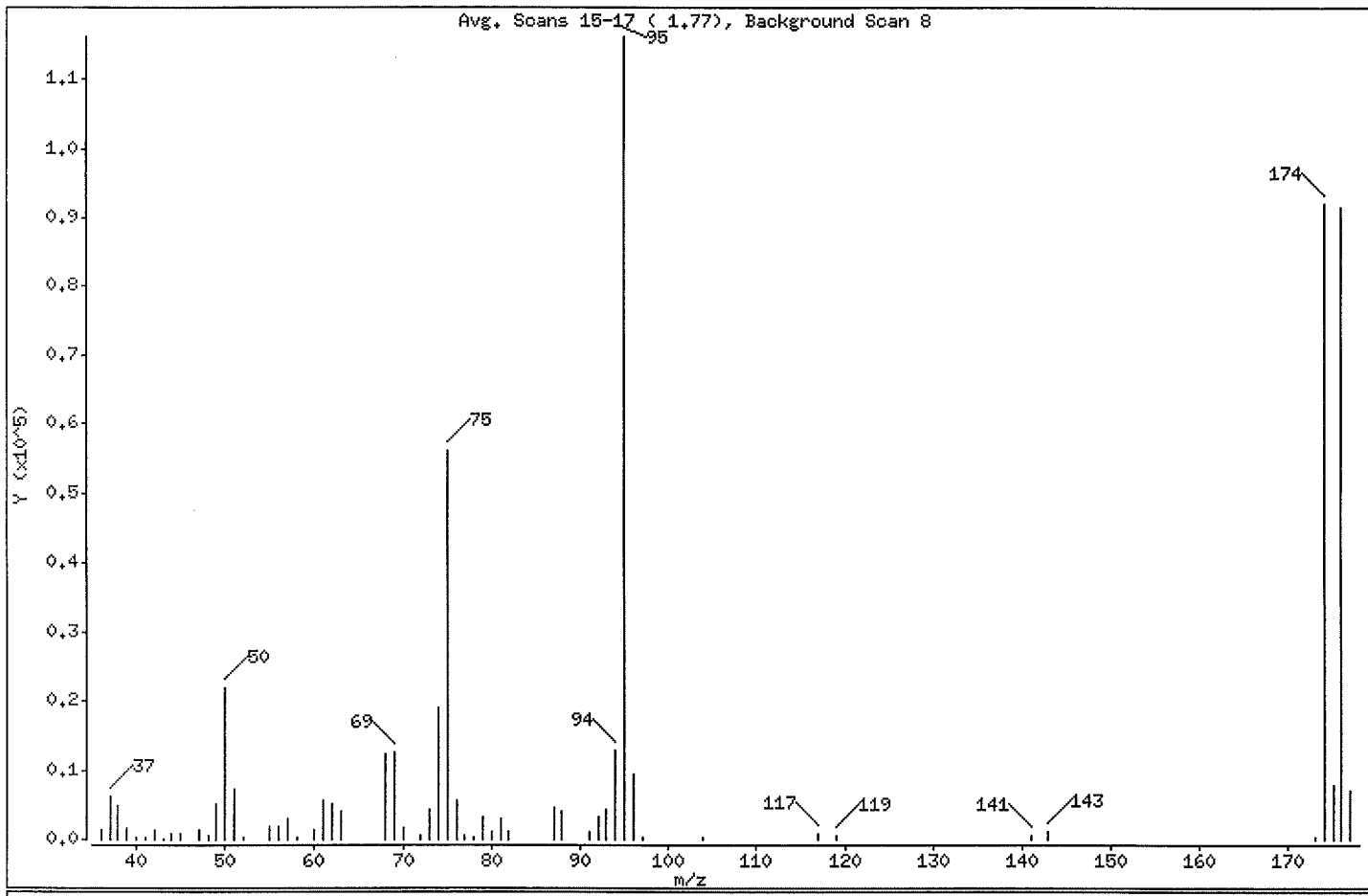
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.74
75	30.00 - 60.00% of mass 95	48.36
96	5.00 - 9.00% of mass 95	8.08
173	Less than 2.00% of mass 174	0.28 (0.36)
174	Greater than 50.00% of mass 95	79.33
175	5.00 - 9.00% of mass 174	6.65 (8.39)
176	95.00 - 101.00% of mass 174	78.83 (99.38)
177	5.00 - 9.00% of mass 176	6.06 (7.69)

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\DT1570.D

Date : 09-OCT-2000 09:48

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1570.D
Spectrum: Avg. Scans 15-17 (1.77), Background Scan 8
Location of Maximum: 95.00
Number of points: 57

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1292	52.00	388	75.00	56184	96.00	9382
37.00	6230	55.00	1813	76.00	5728	97.00	251
38.00	4878	56.00	1823	77.00	643	104.00	254
39.00	1585	57.00	2896	78.00	364	117.00	901
40.00	293	58.00	350	79.00	3120	119.00	610
41.00	269	60.00	1419	80.00	1145	141.00	596
42.00	1308	61.00	5578	81.00	2955	143.00	1076
43.00	66	62.00	5192	82.00	1009	173.00	331
44.00	774	63.00	4101	87.00	4467	174.00	92160
45.00	791	68.00	12217	88.00	3874	175.00	7731
47.00	1453	69.00	12532	91.00	1186	176.00	91584
48.00	564	70.00	1471	92.00	3172	177.00	7045
49.00	5031	72.00	593	93.00	4343		
50.00	21768	73.00	4296	94.00	12747		
51.00	7089	74.00	19064	95.00	116176		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 09-OCT-2000 10:48
Lab File ID: DS2528.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.37499	0.010	-16.0	50.0
	2 Vinyl chloride (*)	0.21607	0.22758	0.010	5.3	20.0
	3 Chloromethane (**)	0.19012	0.20126	0.100	5.9	50.0
	4 Bromomethane	0.21985	0.19933	0.010	-9.3	50.0
	5 Chloroethane	0.13964	0.16291	0.010	16.7	50.0
	6 Trichlorofluoromethane	0.71629	0.71118	0.010	-0.7	50.0
	7 Acrolein	0.01339	0.01151	0.001	-14.1	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.28601	0.010	1.6	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.46312	0.010	-1.4	50.0
	10 Acetone	0.05535	0.06645	0.010	20.0	50.0
	11 Iodomethane	0.54249	0.53784	0.001	-0.9	50.0
	12 Carbon disulfide	0.63173	0.68340	0.010	8.2	50.0
	13 Methylene chloride	0.28611	0.28702	0.010	0.3	50.0
	14 t-Butanol	0.00726	0.00746	0.001	2.7	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.32234	0.010	-1.3	50.0
	16 Acrylonitrile	0.04256	0.05084	0.001	19.5	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.75514	0.010	0.4	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.57472	0.100	2.1	50.0
	19 Vinyl acetate	0.72587	0.77196	0.010	6.4	50.0
	20 Isopropyl ether	0.97354	1.02825	0.010	5.6	20.0
	21 2,2-Dichloropropane	0.61103	0.59672	0.010	-2.3	50.0
	22 Tert-butyl ethyl ether	0.93101	0.91534	0.010	-1.7	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.33148	0.010	-0.0	50.0
	24 2-Butanone	0.09614	0.10950	0.010	13.9	50.0
	25 Bromochloromethane	0.21883	0.21418	0.010	-2.1	50.0
	26 Chloroform (*)	0.73233	0.71987	0.010	-1.7	20.0
	27 Tetrahydrofuran	0.05809	0.07873	0.010	35.5	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.32691	0.010	-0.7	50.0
$	29 Dibromofluoromethane	0.71120	0.63021	0.010	-11.4	50.0
	30 1,1,1-Trichloroethane	0.76256	0.74658	0.010	-2.1	50.0
	31 Carbon Tetrachloride	0.72937	0.71631	0.010	-1.8	50.0
	32 1,1-Dichloropropene	0.54325	0.56981	0.010	4.9	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.47039	0.010	-2.0	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.10123	0.010	4.5	50.0
	35 Benzene	0.84852	0.85739	0.010	1.0	50.0

10-10-00

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 09-OCT-2000 10:48
Lab File ID: DS2528.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.53559	0.010	0.2	50.0	
	37 Tert-amyl methyl ether	0.88326	0.89130	0.010	0.9	20.0	
	39 Trichloroethene	0.46731	0.47129	0.010	0.9	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.36310	0.010	5.0	20.0	
	41 Dibromomethane	0.32224	0.33366	0.010	3.5	50.0	
	42 Bromodichloromethane	0.71616	0.71869	0.010	0.4	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.89812	0.010	13.9	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.05315	0.010	21.0	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.56778	0.010	5.1	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.31237	0.010	20.1	50.0	
$	47 Toluene-d8	1.15748	1.12832	0.010	-2.5	50.0	
	48 Toluene (*)	1.22215	1.23506	0.010	1.1	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.59475	0.010	6.6	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.41146	0.010	2.1	50.0	
	51 Tetrachloroethene	0.55481	0.53802	0.010	-3.0	50.0	
	52 1,3-Dichloropropane	0.63464	0.66561	0.010	4.9	50.0	
	53 2-Hexanone	0.22062	0.26572	0.010	20.4	50.0	
	54 Dibromochloromethane	0.73783	0.75052	0.010	1.7	50.0	
	55 1,2-Dibromoethane	0.61043	0.61457	0.010	0.7	50.0	
	57 Chlorobenzene (**)	0.98253	0.97232	0.300	-1.0	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.58628	0.010	-1.3	50.0	
	59 Ethylbenzene (*)	0.45846	0.47233	0.010	3.0	20.0	
	60 m,p-Xylenes	0.57596	0.57189	0.010	-0.7	50.0	
	61 o-Xylene	0.55644	0.57070	0.010	2.6	50.0	
	62 Styrene	0.92422	0.93489	0.010	1.2	50.0	
M	63 Xylenes (total)	0.56945	0.57150	0.010	0.4	50.0	
	64 Bromoform (**)	0.59517	0.62490	0.100	5.0	50.0	
	65 Isopropylbenzene	1.75437	1.78002	0.010	1.5	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	0.92295	0.010	-7.3	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.25910	0.010	-5.2	50.0	
	68 Bromobenzene	0.83061	0.82992	0.010	-0.1	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.89574	0.300	4.7	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.30628	0.010	9.3	50.0	
	71 n-Propylbenzene	2.58803	2.78844	0.010	7.7	50.0	
	72 2-Chlorotoluene	0.62571	0.62980	0.010	0.7	50.0	
	73 4-Chlorotoluene	0.65344	0.66309	0.010	1.5	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 09-OCT-2000 10:48
Lab File ID: DS2528.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.15646	0.010	3.6	50.0
75 tert-Butylbenzene	2.15036	2.19587	0.010	2.1	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.15361	0.010	1.6	50.0
77 sec-Butylbenzene	2.82015	2.89439	0.010	2.6	50.0
78 1,3-Dichlorobenzene	1.39311	1.37090	0.010	-1.6	50.0
80 1,4-Dichlorobenzene	1.51990	1.51302	0.010	-0.5	50.0
81 p-Isopropyltoluene	2.32696	2.35791	0.010	1.3	50.0
82 1,2-Dichlorobenzene	1.33233	1.31220	0.010	-1.5	50.0
83 n-Butylbenzene	2.22197	2.30381	0.010	3.7	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.31222	0.010	7.7	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.19067	0.010	-3.2	50.0
86 Hexachlorobutadiene	0.92928	0.90492	0.010	-2.6	50.0
87 Napthalene	1.86163	1.78848	0.010	-3.9	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.09520	0.010	-4.6	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1009AD.B/DS2528.D
Inj. Date : 09-OCT-2000 10:48

ICAL Mid Point : //SANP2021/D/chem/md.i/1004AD.B/DS2515.D
Inj. Date : 04-OCT-2000 11:03

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.09	0.01	1480718	1712129	115.6%
Chlorobenzene-d5	12.63	12.61	0.02	1259551	1468034	116.6%
1,4-Dichlorobenzene-d4	17.27	17.27	0.00	906122	1033727	114.1%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2528.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Misc Info: 1242-2;49-2;47-1,,5,,2,all.SUB

Calibration Date: 09-OCT-2000
Calibration Time: 10:02

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1722242	861121	3444484	1712129	-0.59
56 Chlorobenzene-d5	1423372	711686	2846744	1468034	3.14
79 1,4-Dichlorobenze	957113	478557	1914226	1033727	8.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	-0.07
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	-0.04
79 1,4-Dichlorobenze	17.26	16.76	17.76	17.27	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\DS2528.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 09-OCT-2000 10:48
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1242-2;49-2;47-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 11:12 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	642033	50.0000	42.00
2 Vinyl chloride (*)	62	1.690	1.690	(0.238)	389638	50.0000	52.66
3 Chloromethane (**)	50	1.621	1.621	(0.229)	344588	50.0000	52.93
4 Bromomethane	94	1.966	1.966	(0.277)	341286	50.0000	45.33
5 Chloroethane	64	2.055	2.055	(0.290)	278924	50.0000	58.33
6 Trichlorofluoromethane	101	2.292	2.292	(0.323)	1217635	50.0000	49.64
7 Acrolein	56	2.695	2.695	(0.380)	196983	500.000	429.7(AQ)
8 1,1-Dichloroethene(*)	96	2.784	2.784	(0.393)	489689	50.0000	50.78
9 1,1,2-Trichlorotrifluoroethan	151	2.804	2.804	(0.395)	792921	50.0000	49.28
10 Acetone	43	2.863	2.863	(0.404)	568883	250.000	300.1(Q)
11 Iodomethane	142	2.932	2.932	(0.414)	1841706	100.000	99.14
12 Carbon disulfide	76	3.001	3.001	(0.423)	1170076	50.0000	54.09
13 Methylene chloride	84	3.326	3.326	(0.469)	491423	50.0000	50.16
14 t-Butanol	59	2.567	2.567	(0.362)	319371	1250.00	1284(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.671	3.671	(0.518)	551891	50.0000	49.34
	16 Acrylonitrile	53	3.651	3.651	(0.515)	870487	500.000	597.3(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.691	3.691	(0.521)	1292890	50.0000	50.19
	18 1,1-Dichloroethane (**)	63	4.252	4.252	(0.600)	983995	50.0000	51.05
	19 Vinyl acetate	43	4.390	4.390	(0.619)	2643393	100.000	106.4(A)
	20 Isopropyl ether	45	4.429	4.429	(0.625)	1760496	50.0000	52.81
	21 2,2-Dichloropropane	77	5.129	5.129	(0.723)	1021656	50.0000	48.83
	22 Tert-butyl ethyl ether	59	5.001	5.001	(0.705)	1567181	50.0000	49.16
	23 cis-1,2-Dichloroethene	96	5.168	5.168	(0.729)	567539	50.0000	49.98
	24 2-Butanone	43	5.257	5.257	(0.742)	937378	250.000	284.7
	25 Bromochloromethane	128	5.543	5.543	(0.782)	366708	50.0000	48.94
	26 Chloroform (*)	83	5.710	5.710	(0.805)	1232512	50.0000	49.15
	27 Tetrahydrofuran	42	5.651	5.651	(0.797)	134790	50.0000	67.76
M	28 1,2-Dichloroethene (total)	100				1119431	100.000	99.32
$	29 Dibromofluoromethane	111	5.976	5.976	(0.843)	1079005	50.0000	44.31
	30 1,1,1-Trichloroethane	97	5.966	5.966	(0.842)	1278238	50.0000	48.95
	31 Carbon Tetrachloride	117	6.223	6.223	(0.878)	1226411	50.0000	49.10
	32 1,1-Dichloropropene	75	6.232	6.232	(0.879)	975594	50.0000	52.44
$	33 1,2-Dichloroethane-d4	65	6.518	6.518	(0.919)	805369	50.0000	48.99
	34 1,2-Dichloroethane-d4 2nd	102	6.508	6.508	(0.918)	173314	50.0000	52.26
	35 Benzene	78	6.587	6.587	(0.929)	1467958	50.0000	50.52
	36 1,2-Dichloroethane	62	6.646	6.646	(0.937)	917006	50.0000	50.12
	37 Tert-amyl methyl ether	73	6.873	6.873	(0.969)	1526018	50.0000	50.45
*	38 Fluorobenzene	96	7.090	7.090	(1.000)	1712129	50.0000	
	39 Trichloroethene	130	7.730	7.730	(1.090)	806909	50.0000	50.42
	40 1,2-Dichloropropane(*)	63	8.114	8.114	(1.145)	621670	50.0000	52.48
	41 Dibromomethane	93	8.321	8.321	(1.174)	571266	50.0000	51.77
	42 Bromodichloromethane	83	8.646	8.646	(1.220)	1230491	50.0000	50.18
	43 1-Bromo-2-chloroethane	63	9.149	9.149	(1.290)	1537691	50.0000	56.95
	44 2-Chloroethylvinyl ether	106	9.267	9.267	(1.307)	181994	100.000	121.0(A)
	45 cis-1,3-Dichloropropene	75	9.454	9.454	(1.334)	972117	50.0000	52.54
	46 4-Methyl-2-pentanone	43	9.819	9.819	(1.385)	2674072	250.000	300.2
$	47 Toluene-d8	98	9.907	9.907	(0.786)	1656410	50.0000	48.74
	48 Toluene (*)	91	10.025	10.025	(0.795)	1813105	50.0000	50.53
	49 trans-1,3-Dichloropropene	75	10.518	10.518	(0.834)	873113	50.0000	53.29
	50 1,1,2-Trichloroethane	97	10.843	10.843	(0.860)	604033	50.0000	51.03
	51 Tetrachloroethene	164	11.040	11.040	(0.876)	789834	50.0000	48.49
	52 1,3-Dichloropropane	76	11.119	11.119	(0.882)	977140	50.0000	52.44
	53 2-Hexanone	43	11.375	11.375	(0.902)	1950434	250.000	301.1
	54 Dibromochloromethane	129	11.543	11.543	(0.916)	1101786	50.0000	50.86
	55 1,2-Dibromoethane	107	11.700	11.700	(0.928)	902212	50.0000	50.34
*	56 Chlorobenzene-d5	117	12.607	12.607	(1.000)	1468034	50.0000	
	57 Chlorobenzene (**)	112	12.656	12.656	(1.004)	1427405	50.0000	49.48
	58 1,1,1,2-Tetrachloroethane	131	12.853	12.853	(1.020)	860676	50.0000	49.35
	59 Ethylbenzene (*)	106	12.922	12.922	(1.025)	693401	50.0000	51.51
	60 m,p-Xylenes	106	13.168	13.168	(1.045)	1679115	100.000	99.29
	61 o-Xylene	106	13.927	13.927	(1.105)	837812	50.0000	51.28

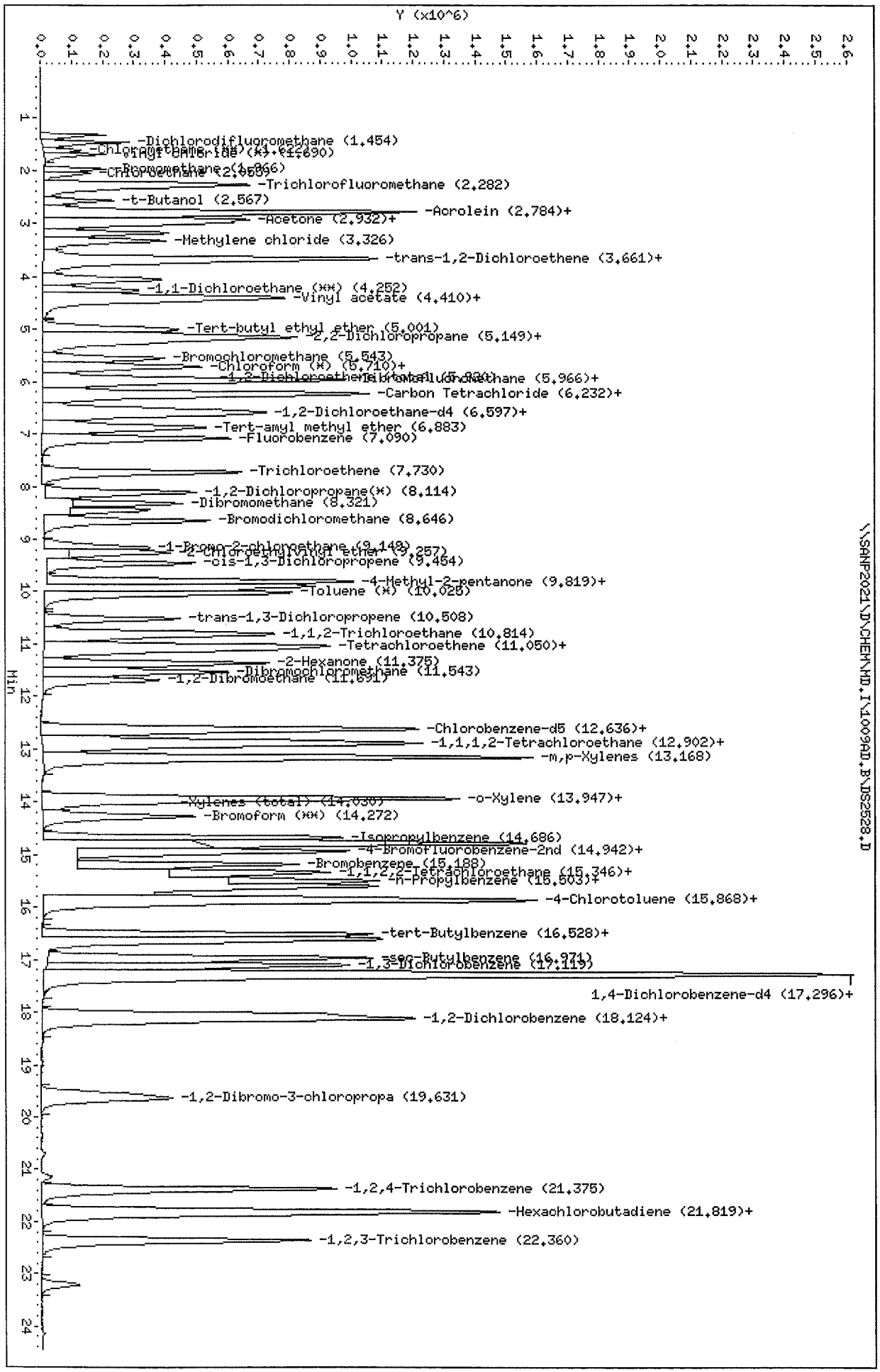
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.966	13.966	(1.108)	1372448	50.0000	50.58
M	63 Xylenes (total)	100				2516927	150.000	150.6
	64 Bromoform (**)	173	14.272	14.272	(1.132)	917375	50.0000	52.50
	65 Isopropylbenzene	105	14.686	14.686	(1.165)	2613128	50.0000	50.73
	66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	954074	50.0000	46.35
$	67 4-Bromofluorobenzene	95	14.942	14.942	(0.865)	1301566	50.0000	47.38
	68 Bromobenzene	156	15.188	15.188	(0.880)	857909	50.0000	49.96
	69 1,1,2,2-Tetrachloroethane(**)	83	15.326	15.326	(0.888)	925955	50.0000	52.37
	70 1,2,3-Trichloropropane	110	15.346	15.346	(0.889)	316608	50.0000	54.67
	71 n-Propylbenzene	91	15.513	15.513	(0.898)	2882489	50.0000	53.87
	72 2-Chlorotoluene	126	15.622	15.622	(0.905)	651040	50.0000	50.33
	73 4-Chlorotoluene	126	15.848	15.848	(0.918)	685449	50.0000	50.74
	74 1,3,5-Trimethylbenzene	105	15.888	15.888	(0.920)	2229192	50.0000	51.79
	75 tert-Butylbenzene	119	16.518	16.518	(0.957)	2269933	50.0000	51.06
	76 1,2,4-Trimethylbenzene	105	16.636	16.636	(0.963)	2226242	50.0000	50.80
	77 sec-Butylbenzene	105	16.971	16.971	(0.983)	2992012	50.0000	51.32
	78 1,3-Dichlorobenzene	146	17.119	17.119	(0.991)	1417136	50.0000	49.20
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	1033727	50.0000	
	80 1,4-Dichlorobenzene	146	17.316	17.316	(1.003)	1564047	50.0000	49.77
	81 p-Isopropyltoluene	119	17.306	17.306	(1.002)	2437439	50.0000	50.66
	82 1,2-Dichlorobenzene	146	18.035	18.035	(1.045)	1356458	50.0000	49.24
	83 n-Butylbenzene	91	18.134	18.134	(1.050)	2381512	50.0000	51.84
	84 1,2-Dibromo-3-chloropropane	157	19.671	19.671	(1.139)	322749	50.0000	53.85
	85 1,2,4-Trichlorobenzene	180	21.385	21.385	(1.239)	1230823	50.0000	48.38
	86 Hexachlorobutadiene	225	21.799	21.799	(1.262)	935435	50.0000	48.69
	87 Napthalene	128	21.848	21.848	(1.265)	1848795	50.0000	48.04
	88 1,2,3-Trichlorobenzene	180	22.351	22.351	(1.294)	1132137	50.0000	47.69

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\DS2528.D
Date : 09-OCT-2000 10:48
Client ID:
Sample Info: 50 PPB 8260B STD,,3,0,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12853.D
Lab Smp Id: LCS-1008AD Client Smp ID: D12853
Inj Date : 09-OCT-2000 11:31
Operator : GFB Inst ID: md.i
Smp Info : LCS-1008AD,LCS,2,,0,1,0,8260BDA.M,D12853
Misc Info : 1244-2,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 11:12 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.782	2.784	(0.392)	452475	49.4962	49.50
$ 29 Dibromofluoromethane	111	5.974	5.976	(0.842)	1013597	43.9065	43.91
$ 33 1,2-Dichloroethane-d4	65	6.526	6.518	(0.919)	763994	49.0299	49.03
34 1,2-Dichloroethane-d4 2nd	102	6.516	6.508	(0.918)	158921	50.5525	50.55
35 Benzene	78	6.585	6.587	(0.928)	1344366	48.8099	48.81
* 38 Fluorobenzene	96	7.097	7.090	(1.000)	1622995	50.0000	
39 Trichloroethene	130	7.718	7.730	(1.087)	740448	48.8133	48.81
$ 47 Toluene-d8	98	9.915	9.907	(0.786)	1533521	47.5966	47.60
48 Toluene (*)	91	10.043	10.025	(0.796)	1652662	48.5805	48.58
* 56 Chlorobenzene-d5	117	12.614	12.607	(1.000)	1391773	50.0000	
57 Chlorobenzene (**)	112	12.654	12.656	(1.003)	1283193	46.9189	46.92
$ 67 4-Bromofluorobenzene	95	14.949	14.942	(0.866)	1259987	46.7522	46.75
66 4-Bromofluorobenzene-2nd	174	14.959	14.952	(0.867)	916333	45.3803	45.38
* 79 1,4-Dichlorobenzene-d4	152	17.255	17.267	(1.000)	1014081	50.0000	

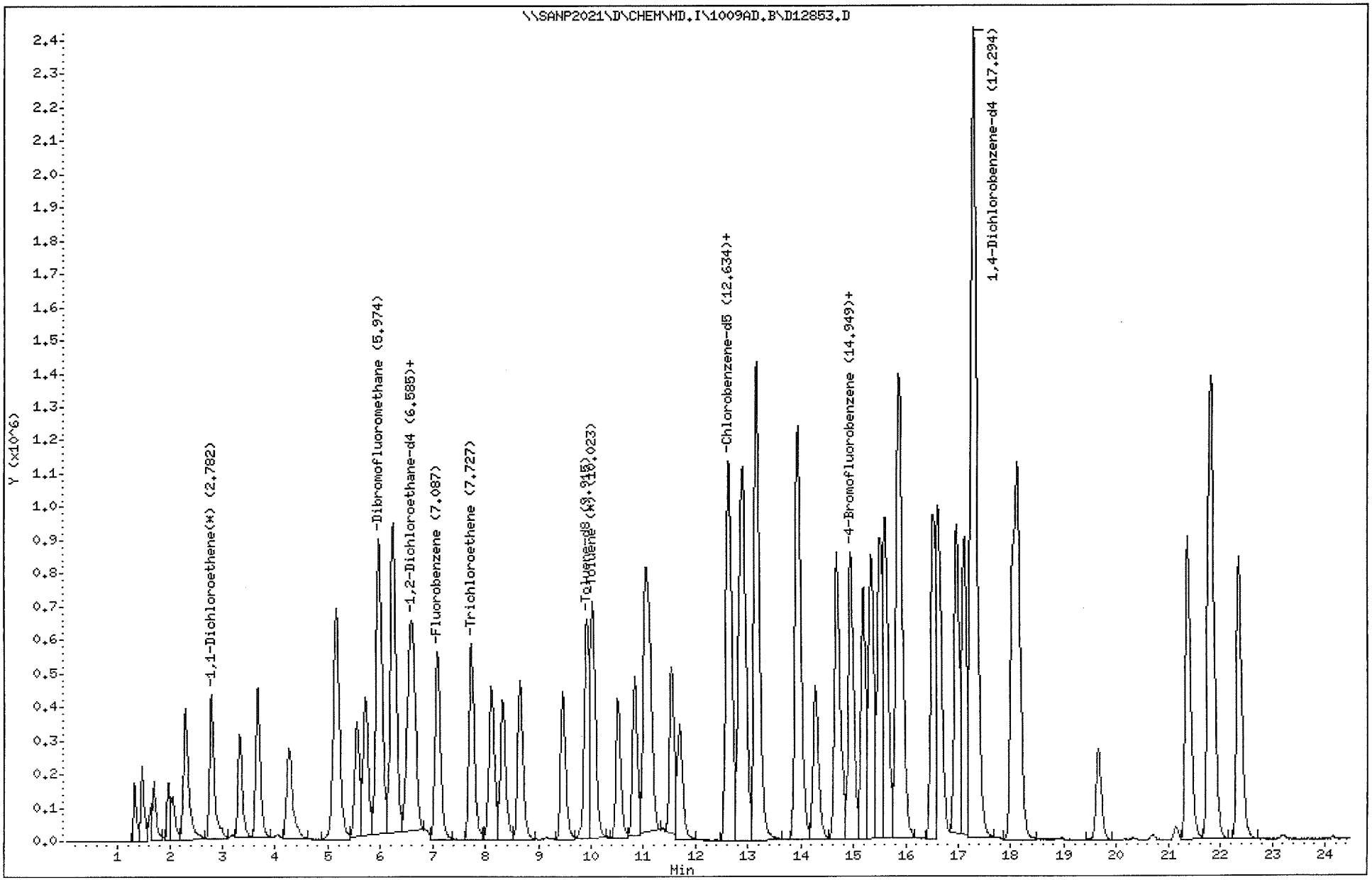
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12853.D
Date : 09-OCT-2000 11:31
Client ID: D12853
Sample Info: LCS-1008AD,LCS,2,,0,1,0,8260BDA.M,D12853

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159214

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12854.D
Lab Smp Id: MB-1008AD Client Smp ID: D12754
Inj Date : 09-OCT-2000 12:03
Operator : GFB Inst ID: md.i
Smp Info : MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12754
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.977	5.976	(0.844)	960976	44.7757	44.78
$ 33 1,2-Dichloroethane-d4	65	6.509	6.518	(0.919)	668528	46.1484	46.15
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.508	(0.919)	133665	45.7347	45.73
36 1,2-Dichloroethane	62	7.080	6.646	(1.000)	18644	1.15631	1.16(aQ)
* 38 Fluorobenzene	96	7.080	7.090	(1.000)	1508869	50.0000	
$ 47 Toluene-d8	98	9.918	9.907	(0.787)	1433418	45.3814	45.38
* 56 Chlorobenzene-d5	117	12.607	12.607	(1.000)	1364424	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.942	14.952	(0.865)	840160	45.1358	45.14
$ 67 4-Bromofluorobenzene	95	14.942	14.942	(0.865)	1149954	46.2873	46.29
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	934819	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12854.D
Lab Smp Id: MB-1008AD Client Smp ID: D12754
Inj Date : 09-OCT-2000 12:03
Operator : GFB Inst ID: md.i
Smp Info : MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12754
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.080	3641477	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	587649	8.06882180	8.07	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1008AD
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12754
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown 02	1.317	8.07	J

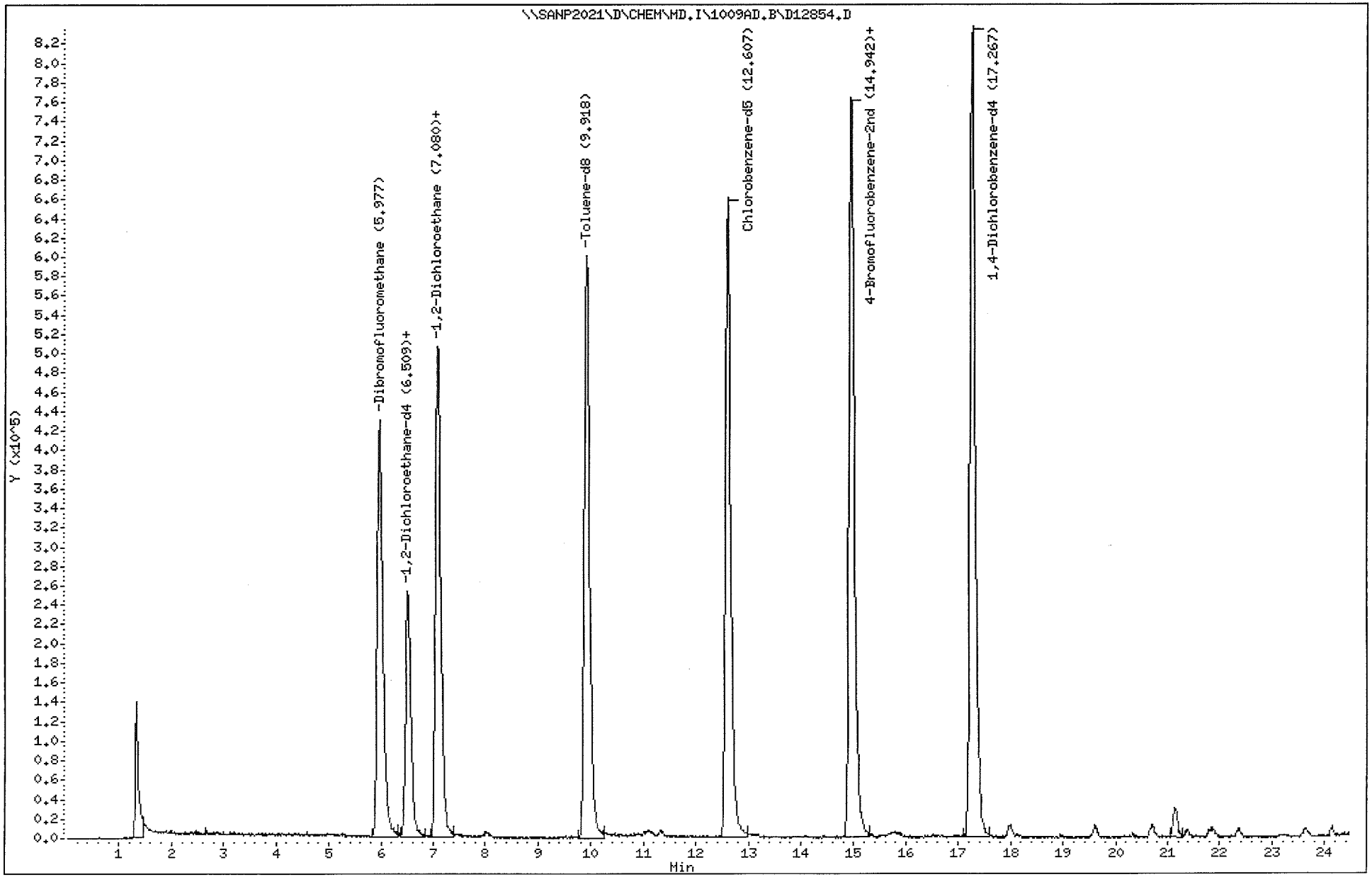
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12854.D
Date : 09-OCT-2000 12:03
Client ID: D12754
Sample Info: MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12754

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159219

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12854.D

Date : 09-OCT-2000 12:03

Client ID: D12754

Instrument: md.i

Sample Info: MB-1008AD,BLANK,2,,0,1,0,8260BDA,M,D12754

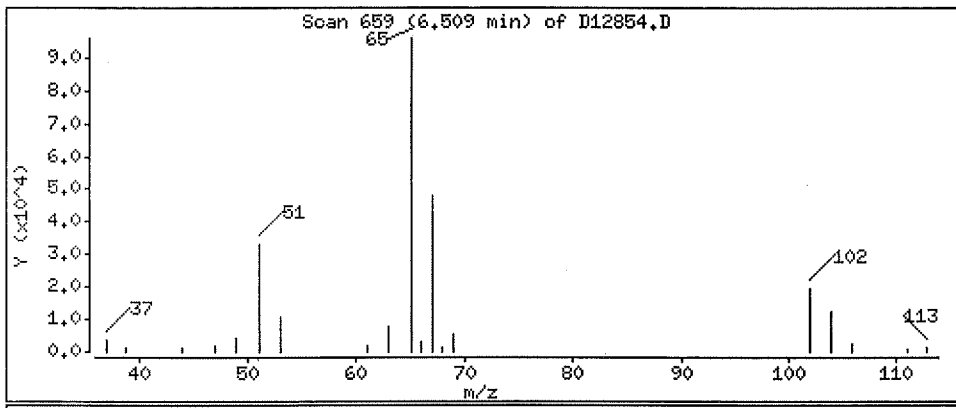
Operator: GFB

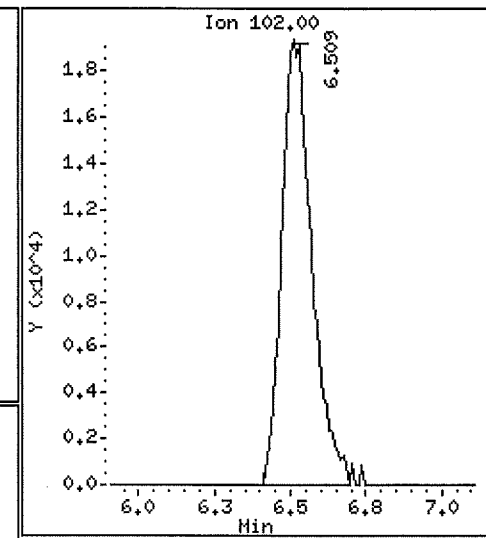
Column phase: J&W DB-624

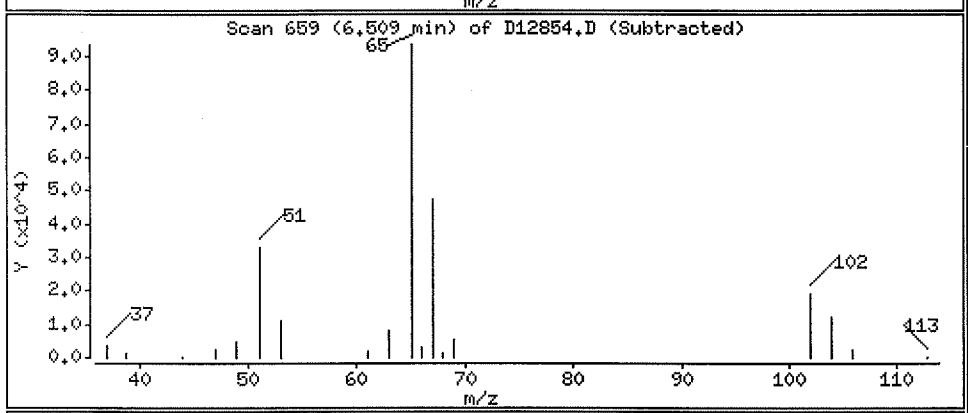
Column diameter: 0.53

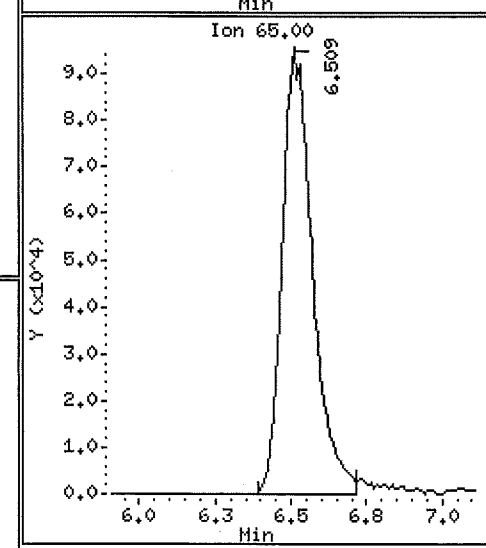
34 1,2-Dichloroethane-d4 2nd

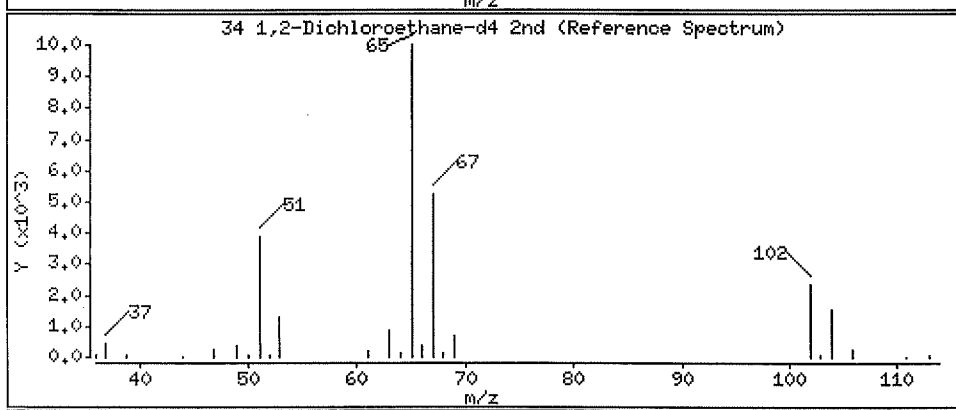
Concentration: 45.73 ug/Kg

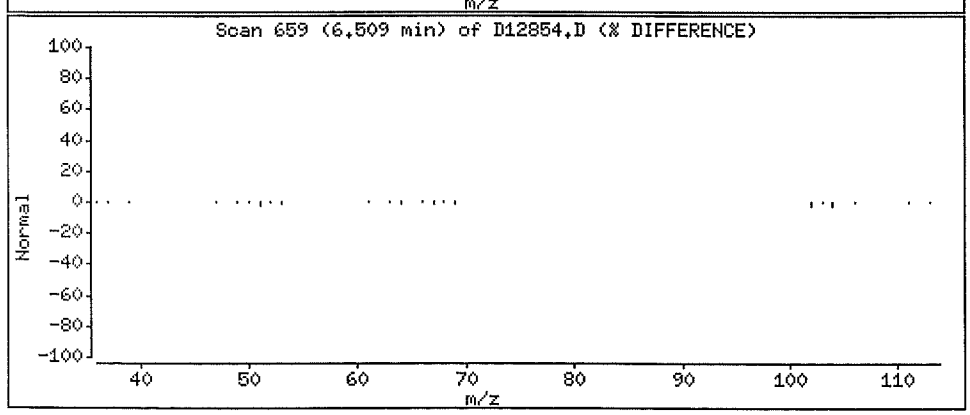












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12854.D

Date : 09-OCT-2000 12:03

Client ID: D12754

Instrument: md.i

Sample Info: MB-1008AD,BLANK,2,,0,1,0,8260BDA,M,D12754

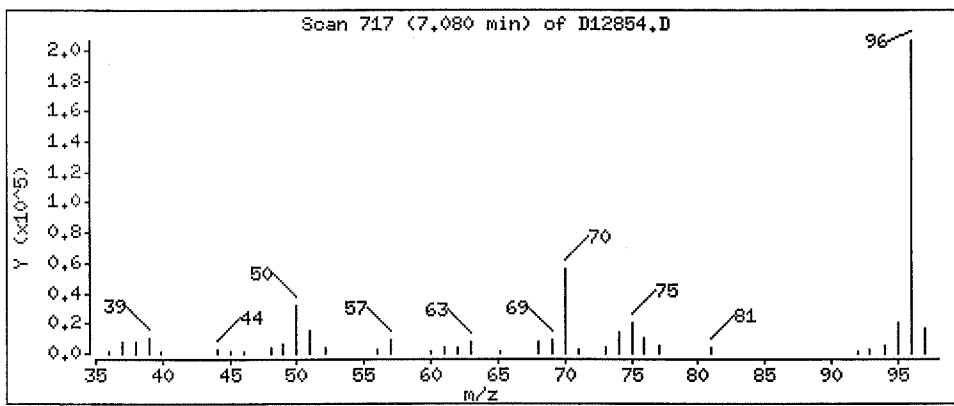
Operator: GFB

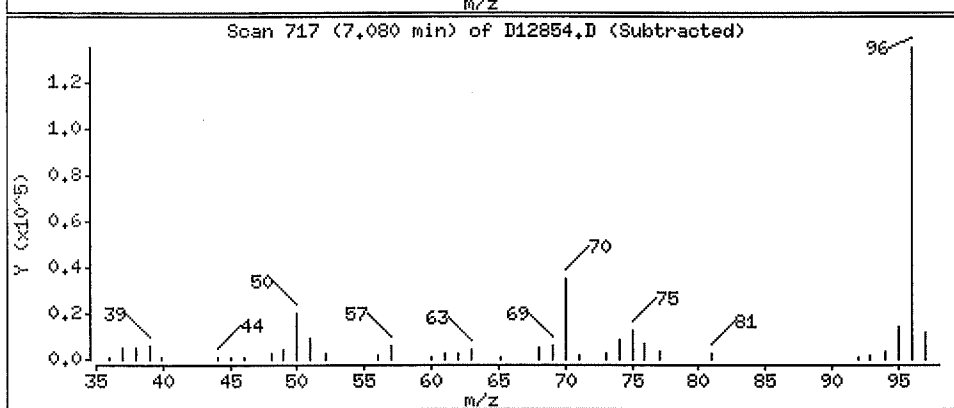
Column phase: J&W DB-624

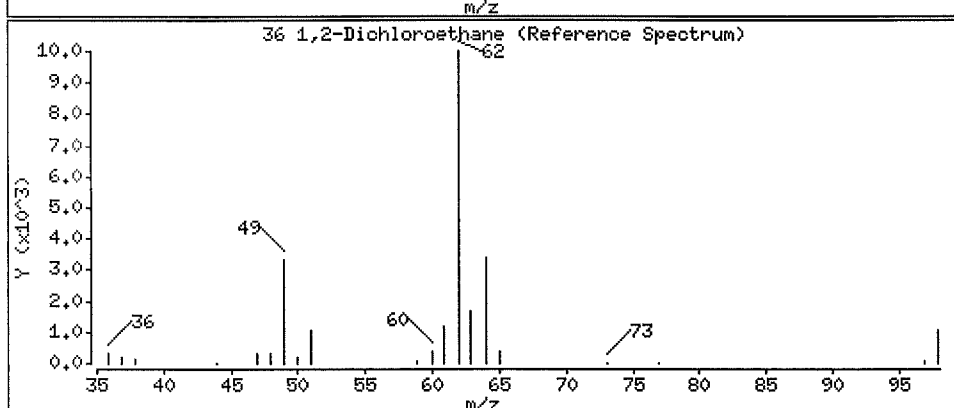
Column diameter: 0.53

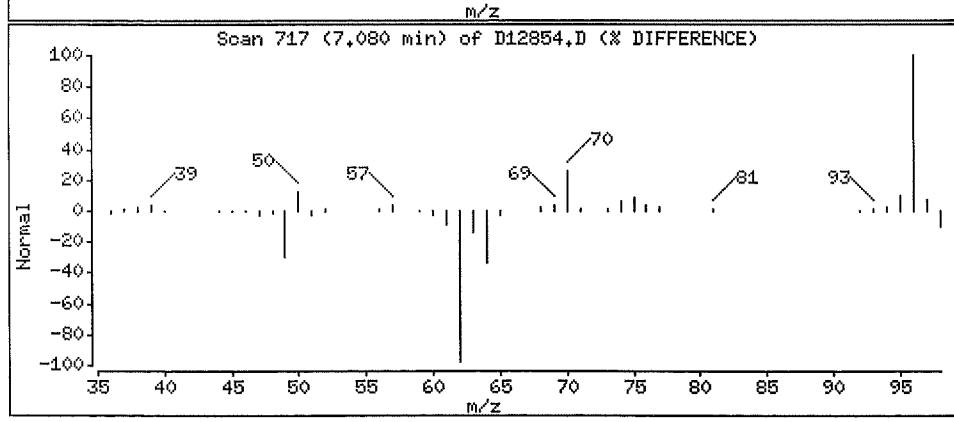
36 1,2-Dichloroethane

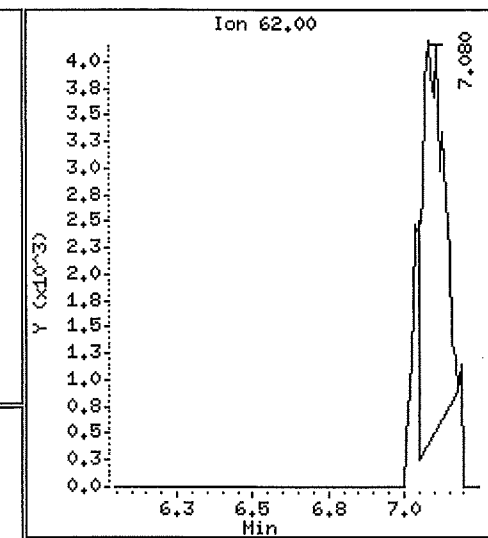
Concentration: 1.16 ug/Kg

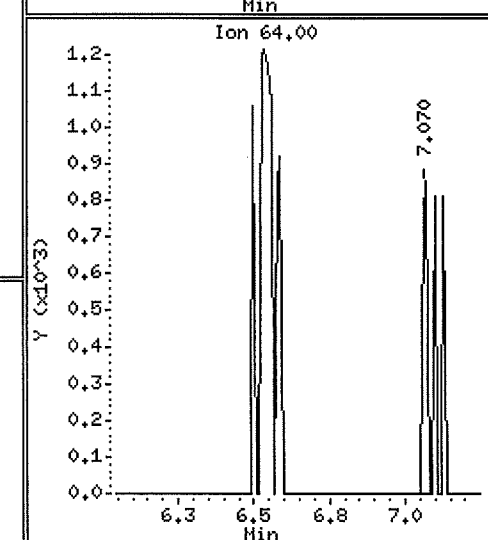


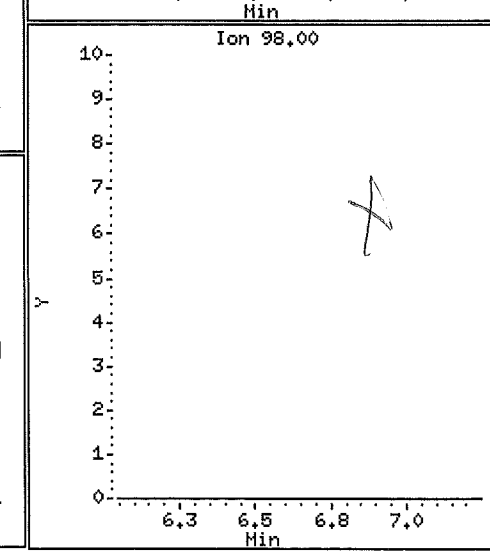












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12854.D

Date : 09-OCT-2000 12:03

Client ID: D12754

Instrument: md.i

Sample Info: MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12754

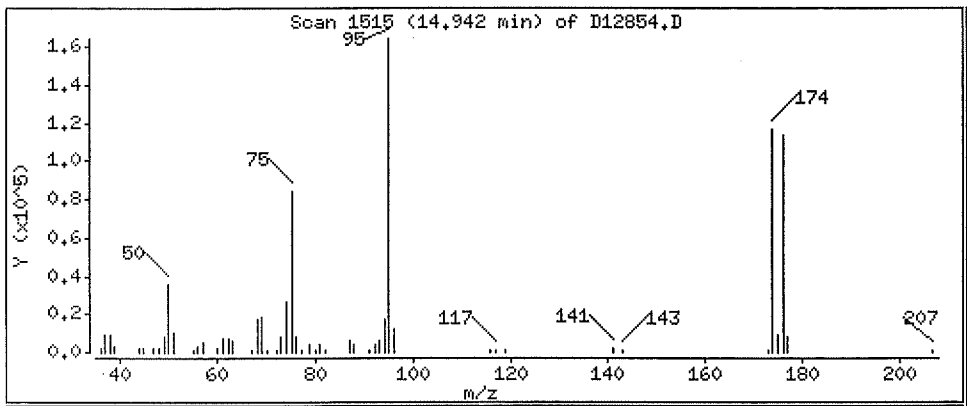
Operator: GFB

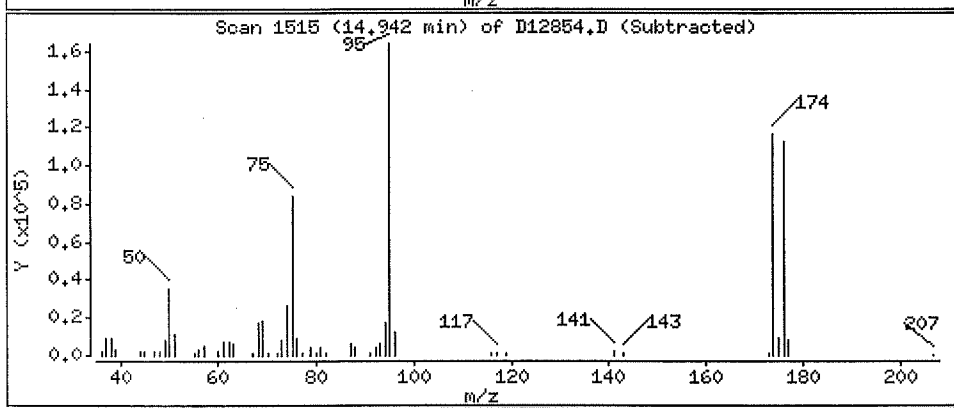
Column phase: J&W DB-624

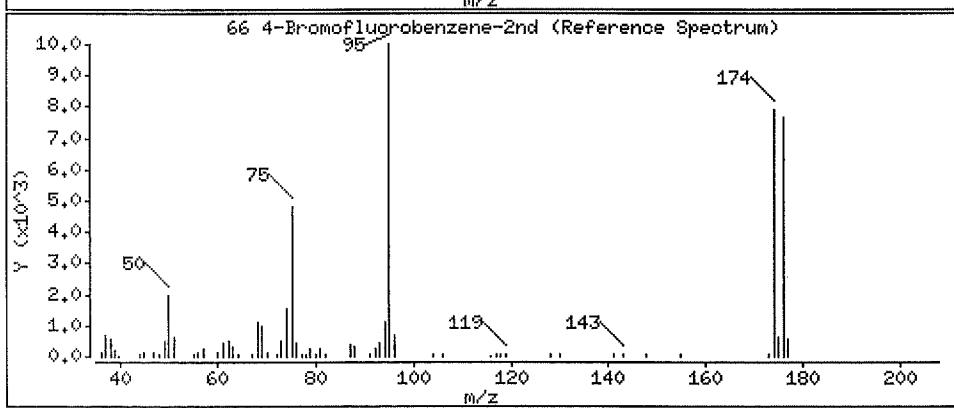
Column diameter: 0.53

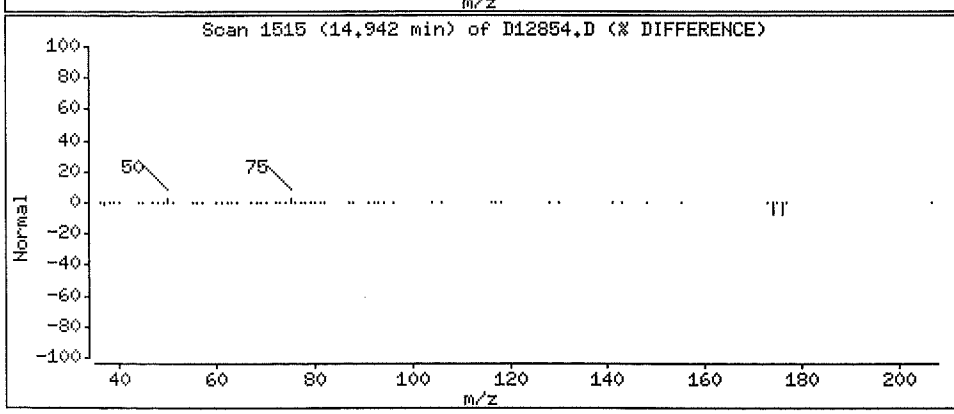
66 4-Bromofluorobenzene-2nd

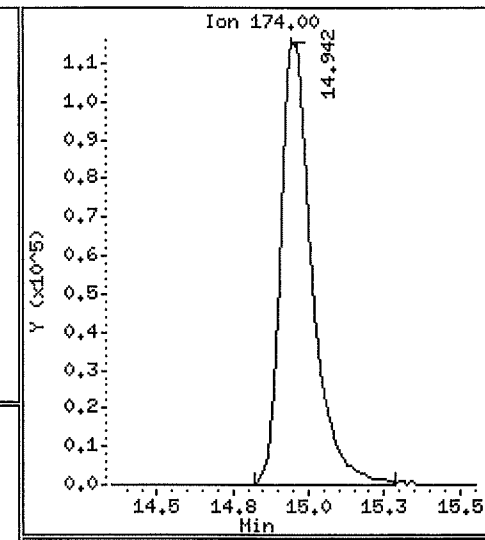
Concentration: 45.14 ug/Kg

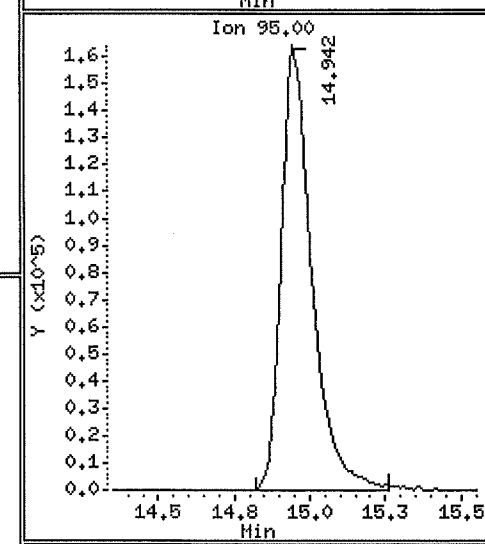


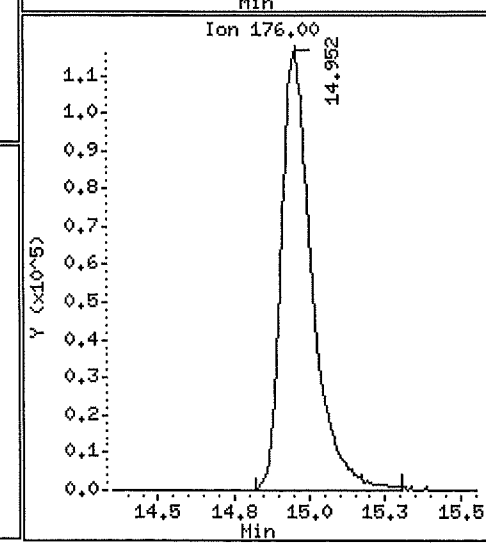












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12854.D

Date : 09-OCT-2000 12:03

Client ID: D12754

Instrument: md.i

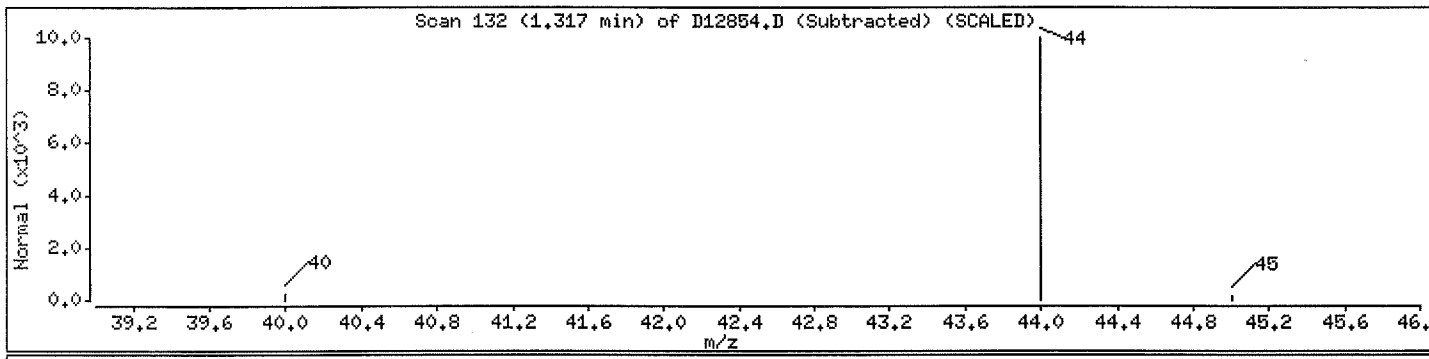
Sample Info: MB-1008AD,BLANK,2,,0,1,0,8260BDA.M,D12754

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12860.D
Lab Smp Id: DLC8M102 Client Smp ID: D12760
Inj Date : 09-OCT-2000 15:14
Operator : GFB Inst ID: md.i
Smp Info : DLC8M102,MS,2,,0,1,0,8260BDA.M,D12760
Misc Info : 371-32S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.794	2.784	(0.394)	361280	46.8018	46.80
$ 29 Dibromofluoromethane	111	5.996	5.976	(0.845)	891949	45.7557	45.76
$ 33 1,2-Dichloroethane-d4	65	6.518	6.518	(0.918)	634986	48.2588	48.26
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.508	(0.920)	122700	46.2218	46.22
35 Benzene	78	6.597	6.587	(0.929)	1064577	45.7729	45.77
* 38 Fluorobenzene	96	7.100	7.090	(1.000)	1370490	50.0000	
39 Trichloroethene	130	7.740	7.730	(1.090)	629352	49.1336	49.13
$ 47 Toluene-d8	98	9.927	9.907	(0.787)	1273889	47.5171	47.52
48 Toluene (*)	91	10.045	10.025	(0.796)	1298903	45.8867	45.89
* 56 Chlorobenzene-d5	117	12.617	12.607	(1.000)	1158075	50.0000	
57 Chlorobenzene (**)	112	12.676	12.656	(1.005)	1073571	47.1758	47.18
$ 67 4-Bromofluorobenzene	95	14.962	14.942	(0.866)	1083934	46.3090	46.31
66 4-Bromofluorobenzene-2nd	174	14.972	14.952	(0.867)	803517	45.8179	45.82
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.267	(1.000)	880737	50.0000	

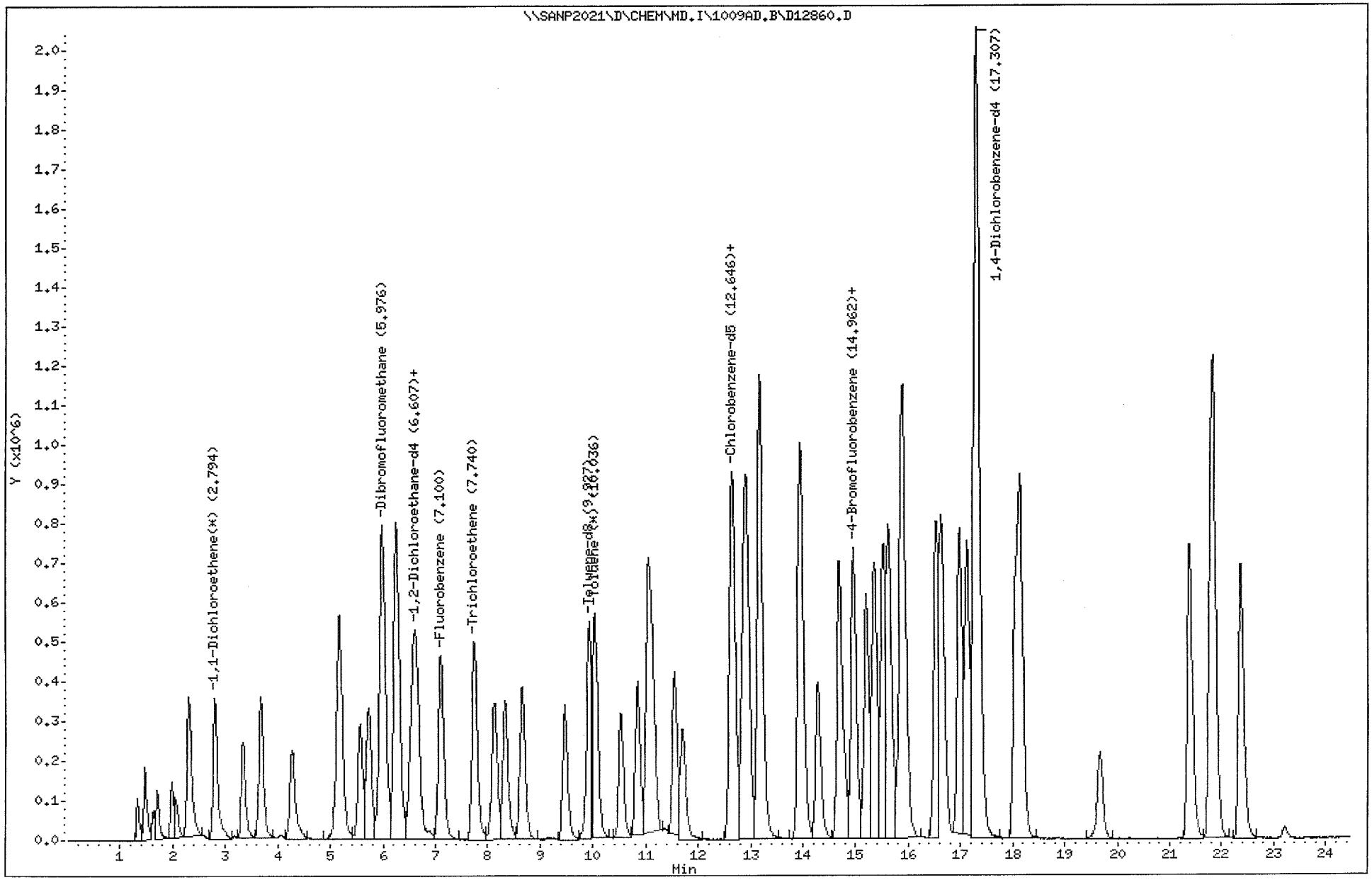
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12860.D
Date : 09-OCT-2000 15:14
Client ID: D12760
Sample Info: DLC8M102,MS,2,,0,1,0,8260BDA.M,D12760

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159225

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12861.D
Lab Smp Id: DLC8M103 Client Smp ID: D12761
Inj Date : 09-OCT-2000 15:46
Operator : GFB Inst ID: md.i
Smp Info : DLC8M103,MSD,2,,0,1,0,8260BDA.M,D12761
Misc Info : 371-32D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.787	2.784	(0.392)	376101	48.6017	48.60
$ 29 Dibromofluoromethane	111	5.999	5.976	(0.845)	881788	45.1230	45.12
$ 33 1,2-Dichloroethane-d4	65	6.531	6.518	(0.920)	622290	47.1773	47.18
34 1,2-Dichloroethane-d4 2nd	102	6.531	6.508	(0.920)	112630	42.3238	42.32
35 Benzene	78	6.600	6.587	(0.929)	1091559	46.8174	46.82
* 38 Fluorobenzene	96	7.102	7.090	(1.000)	1373876	50.0000	
39 Trichloroethene	130	7.742	7.730	(1.090)	655845	51.0758	51.08
$ 47 Toluene-d8	98	9.920	9.907	(0.785)	1273247	47.1758	47.18
48 Toluene (*)	91	10.048	10.025	(0.796)	1368029	48.0058	48.00
* 56 Chlorobenzene-d5	117	12.629	12.607	(1.000)	1165864	50.0000	
57 Chlorobenzene (**)	112	12.678	12.656	(1.004)	1112398	48.5553	48.56
$ 67 4-Bromofluorobenzene	95	14.954	14.942	(0.866)	1059934	45.9516	45.95
66 4-Bromofluorobenzene-2nd	174	14.964	14.952	(0.867)	786697	45.5204	45.52
* 79 1,4-Dichlorobenzene-d4	152	17.270	17.267	(1.000)	867936	50.0000	

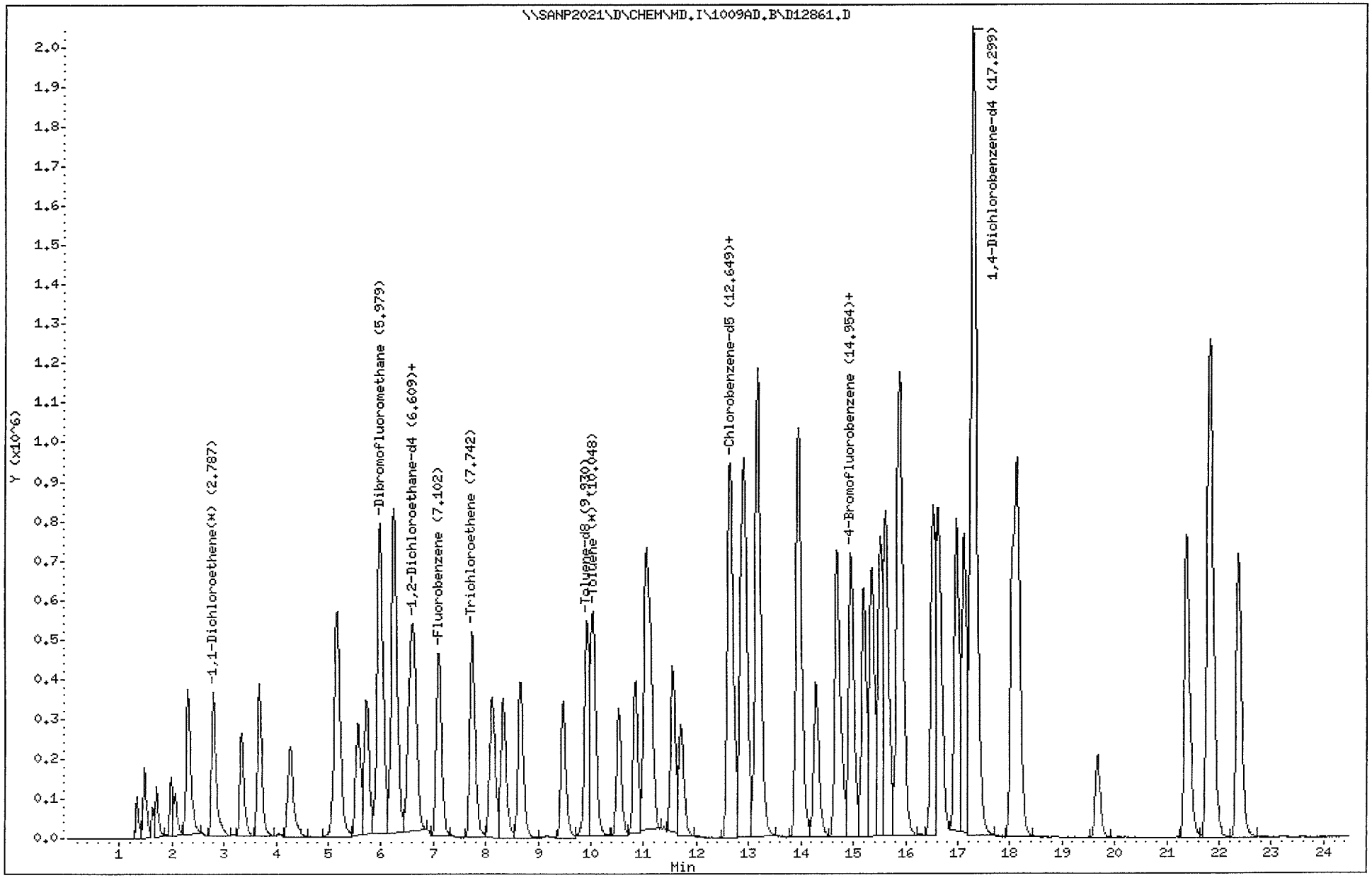
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12861.D
Date : 09-OCT-2000 15:46
Client ID: D12761
Sample Info: DLC8M103,MSD,2,,0,1,0,8260BDA.M,D12761

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000808

BOE-C6-0159227

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12855.D
Lab Smp Id: DLC7V101 Client Smp ID: D12755
Inj Date : 09-OCT-2000 12:35
Operator : GFB Inst ID: md.i
Smp Info : DLC7V101,,2,,0,1,0,8260BDA.M,D12755
Misc Info : E0I290371-9,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.976	5.976	(0.843)	912282	44.3504	44.35
$ 33 1,2-Dichloroethane-d4	65	6.518	6.518	(0.919)	635376	45.7621	45.76
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.508	(0.919)	122876	43.8667	43.87
36 1,2-Dichloroethane	62	7.099	6.646	(1.001)	24820	1.60604	1.61(aQ)
* 38 Fluorobenzene	96	7.089	7.090	(1.000)	1446148	50.0000	
$ 47 Toluene-d8	98	9.927	9.907	(0.787)	1321318	45.3018	45.30
* 56 Chlorobenzene-d5	117	12.607	12.607	(1.000)	1259932	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.951	14.952	(0.866)	779589	44.9912	44.99
$ 67 4-Bromofluorobenzene	95	14.951	14.942	(0.866)	1058556	45.7719	45.77
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	870210	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12855.D
Lab Smp Id: DLC7V101 Client Smp ID: D12755
Inj Date : 09-OCT-2000 12:35
Operator : GFB Inst ID: md.i
Smp Info : DLC7V101,,2,,0,1,0,8260BDA.M,D12755
Misc Info : E0I290371-9,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.089	3444102	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	611078	8.87136988	8.87	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC7V101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12755
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown Or	1.316	8.87	J

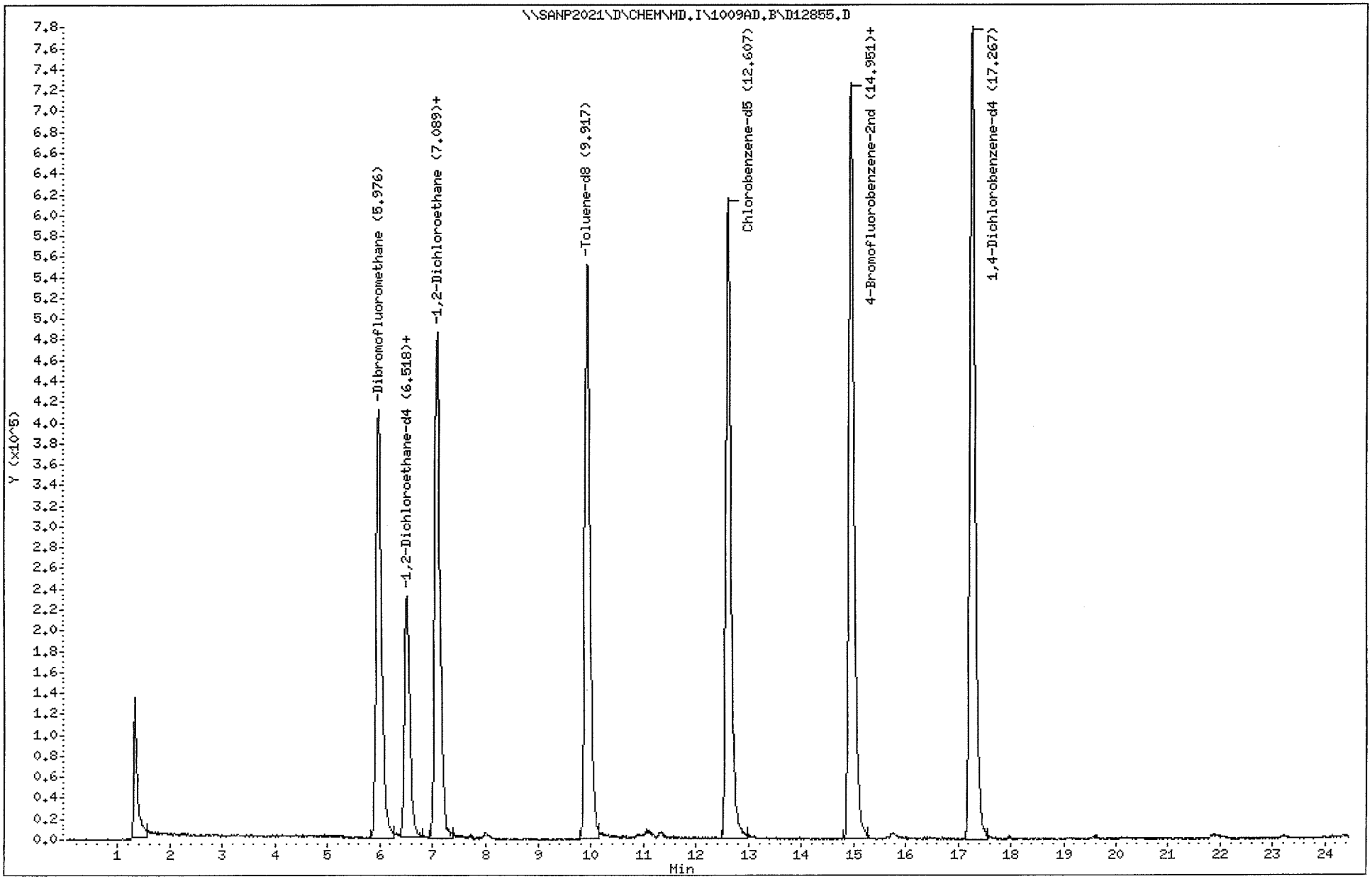
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12855.D
Date : 09-OCT-2000 12:35
Client ID: D12755
Sample Info: DLC7V101,,2,,0,1,0,8260BDA.M,D12755

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159232

000813

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12855.D

Date : 09-OCT-2000 12:35

Client ID: D12755

Instrument: md.i

Sample Info: DLC7V101,,2,,0,1,0,8260BDA.M,D12755

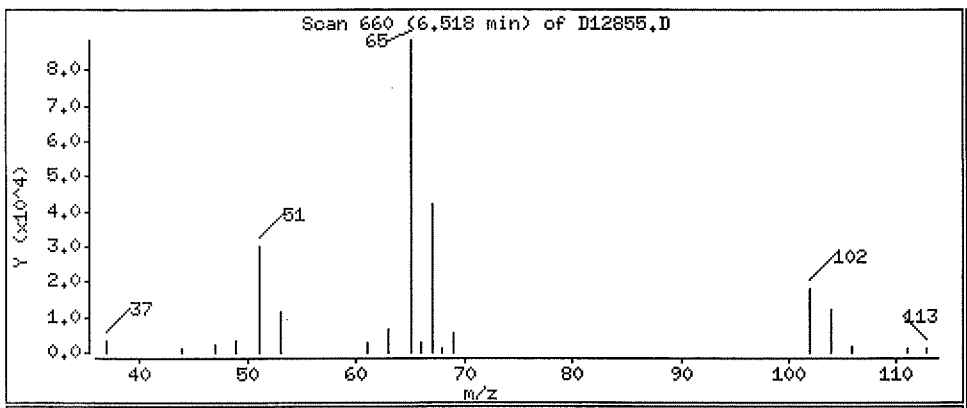
Operator: GFB

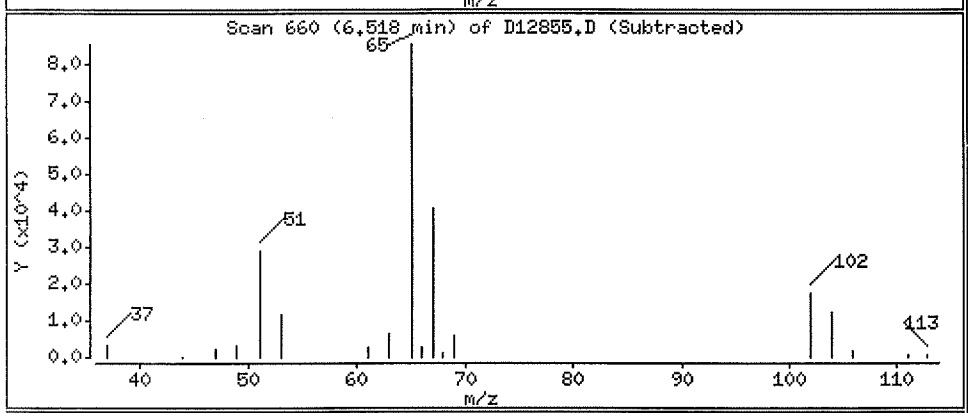
Column phase: J&W DB-624

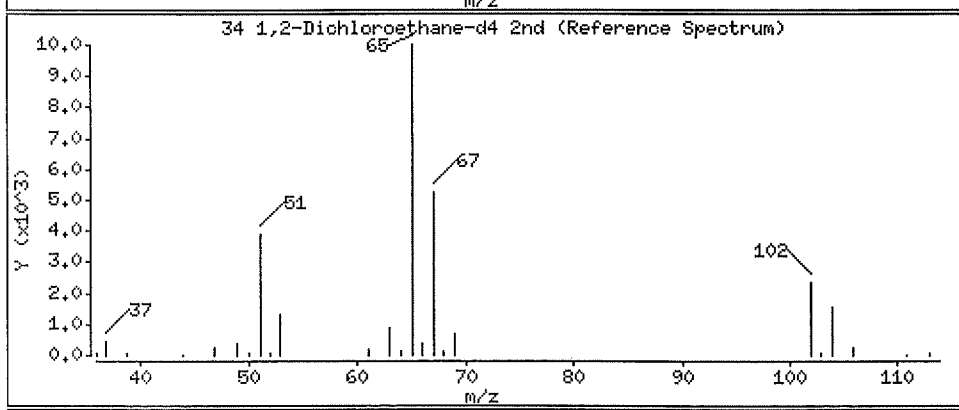
Column diameter: 0.53

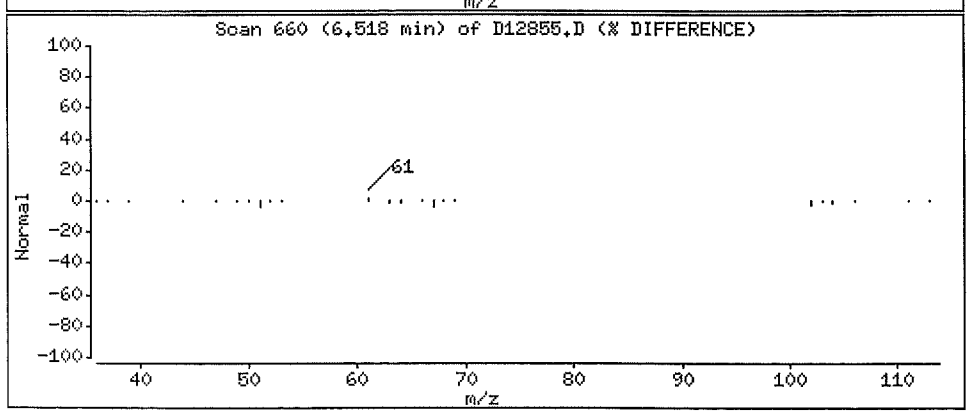
34 1,2-Dichloroethane-d4 2nd

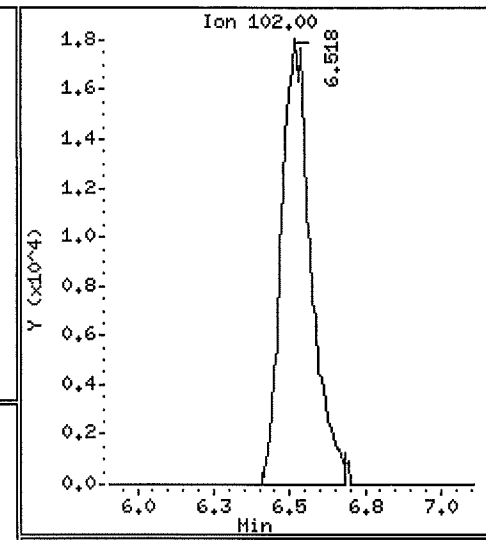
Concentration: 43.87 ug/Kg

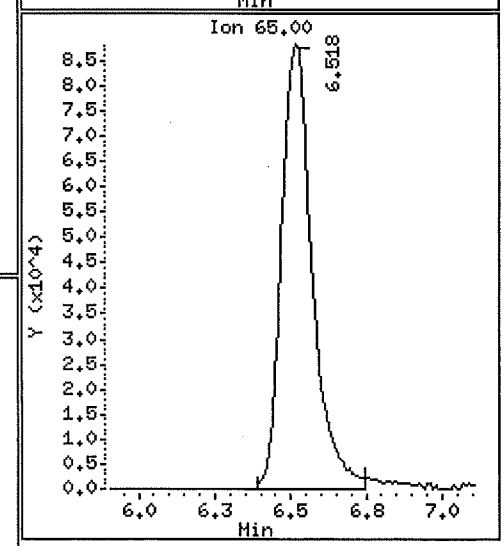












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12855.D

Date : 09-OCT-2000 12:35

Client ID: D12755

Instrument: md.i

Sample Info: DLC7V101,,2,,0,1,0,8260BDA.M,D12755

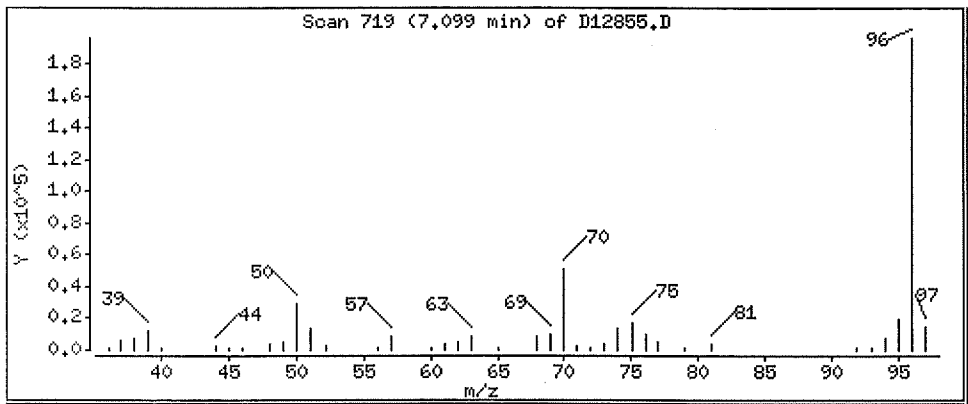
Operator: GFB

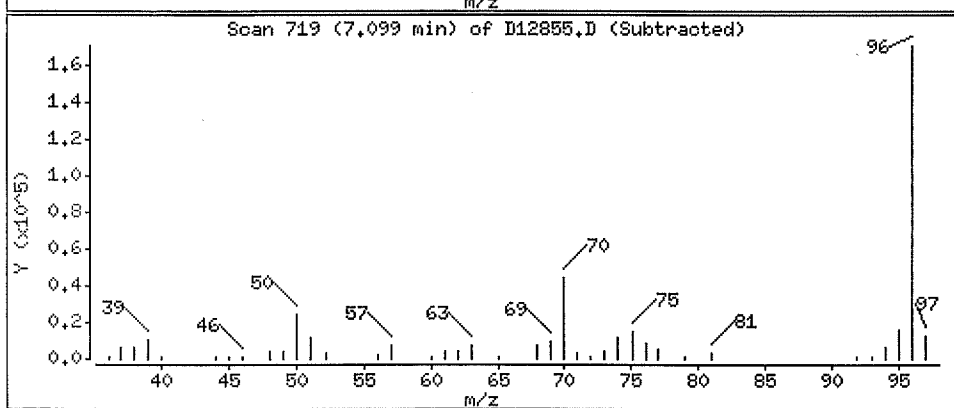
Column phase: J&W DB-624

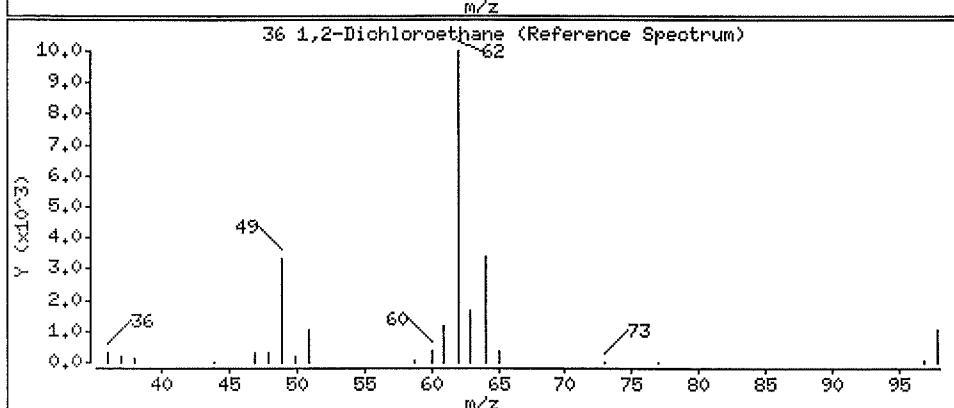
Column diameter: 0.53

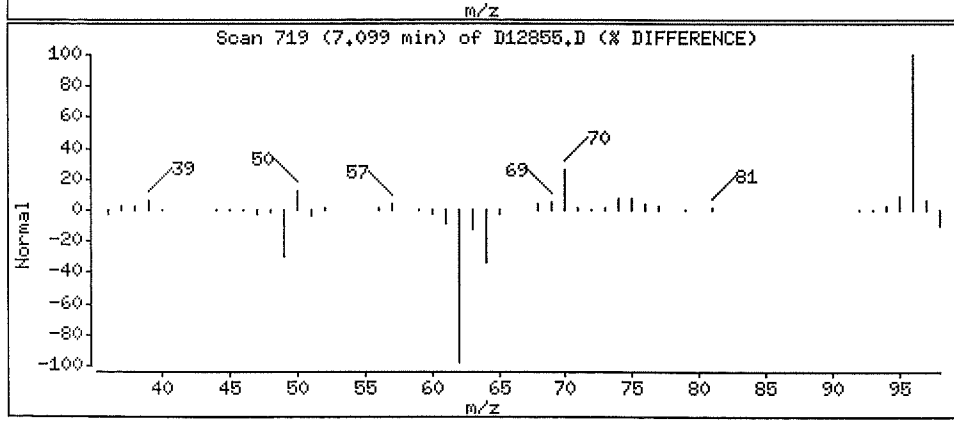
36 1,2-Dichloroethane

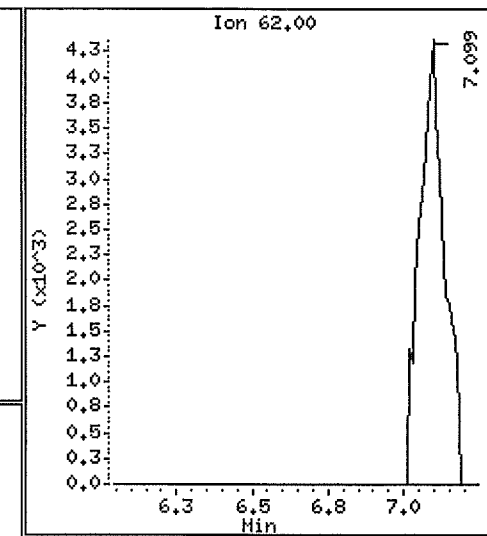
Concentration: 1.61 ug/Kg

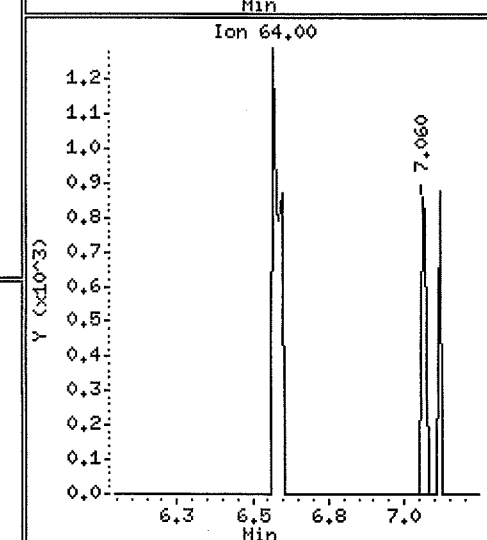


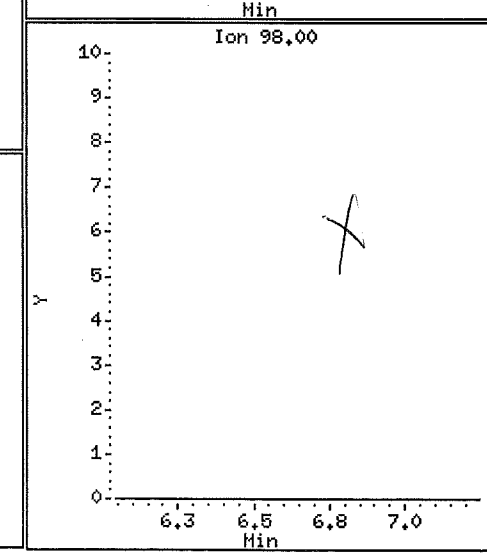












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12855.D

Date : 09-OCT-2000 12:35

Client ID: D12755

Instrument: md.i

Sample Info: DLC7V101,,2,,0,1,0,8260BDA.M,D12755

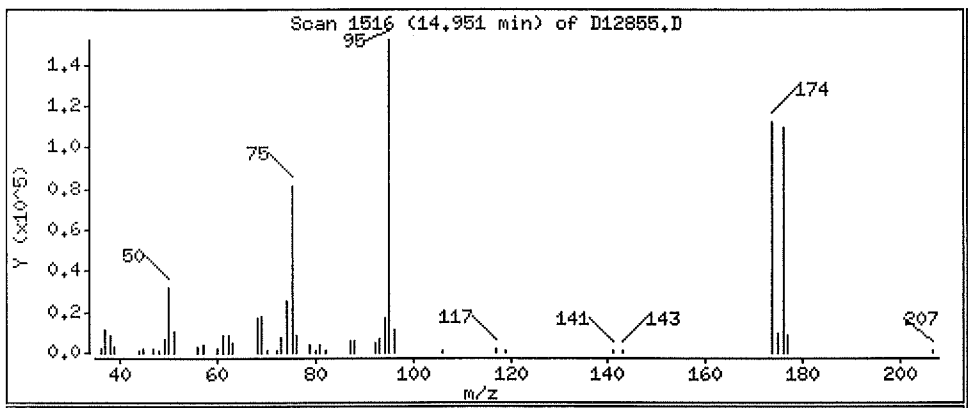
Operator: GFB

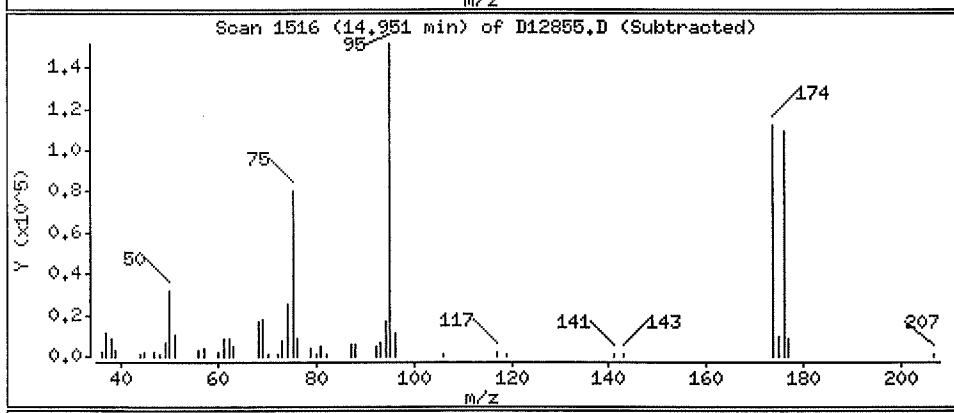
Column phase: J&W DB-624

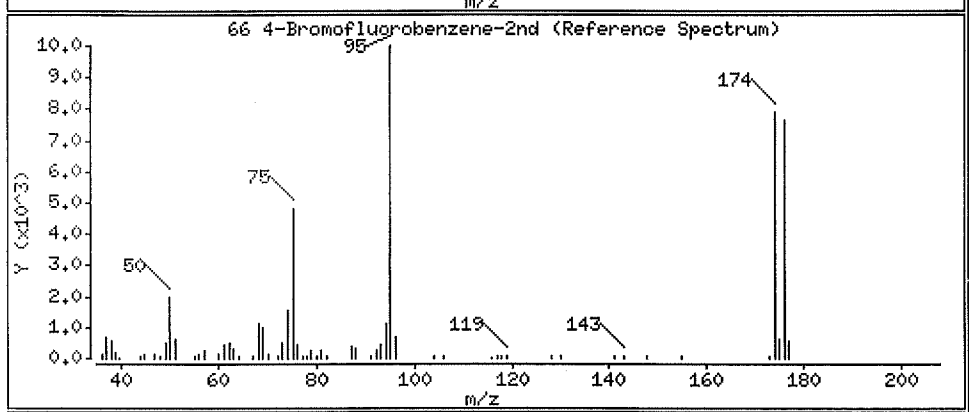
Column diameter: 0.53

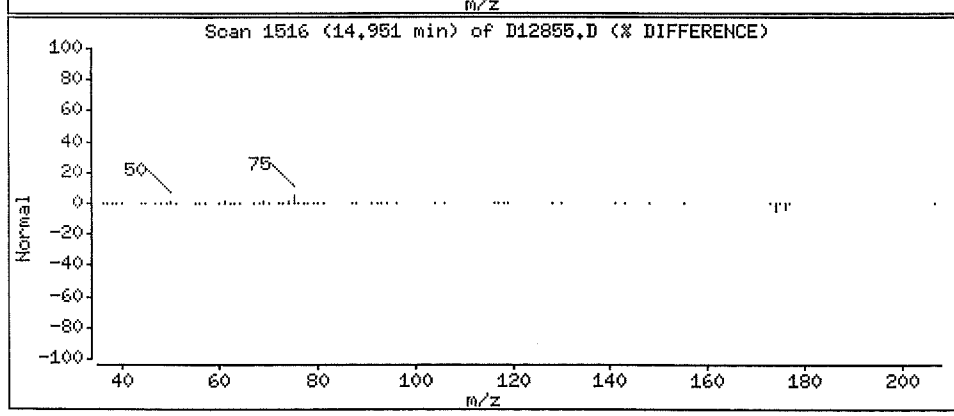
66 4-Bromofluorobenzene-2nd

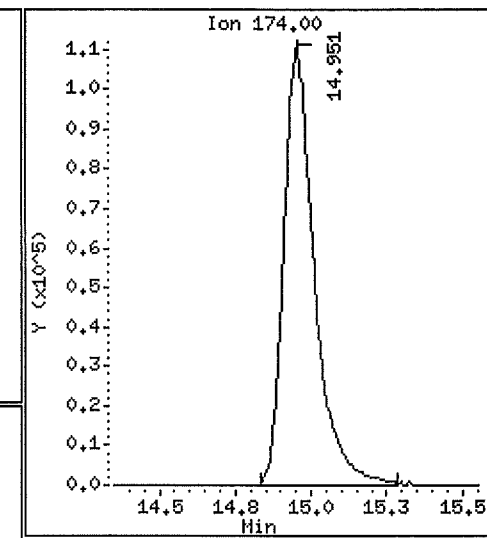
Concentration: 44.99 ug/Kg

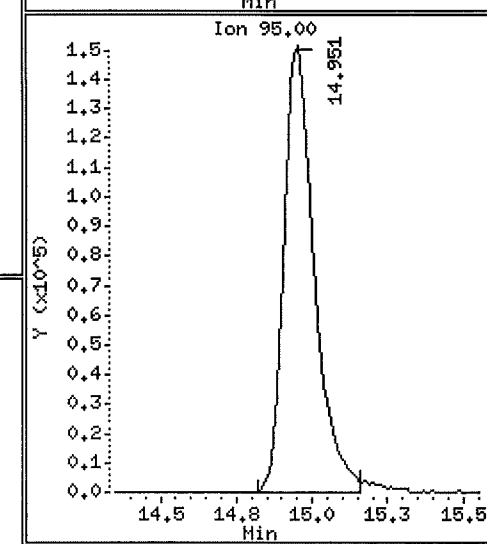


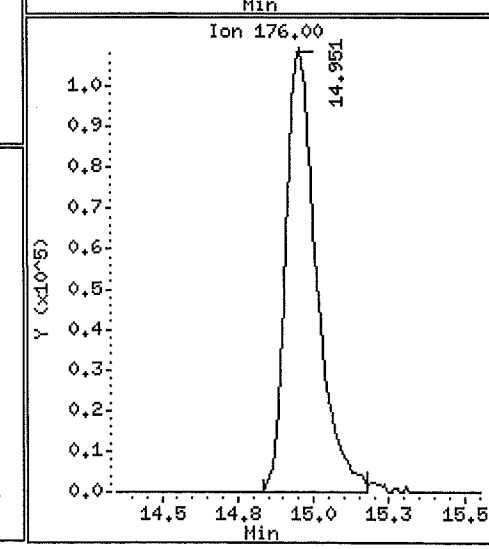












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12855.D

Date : 09-OCT-2000 12:35

Client ID: D12755

Instrument: md.i

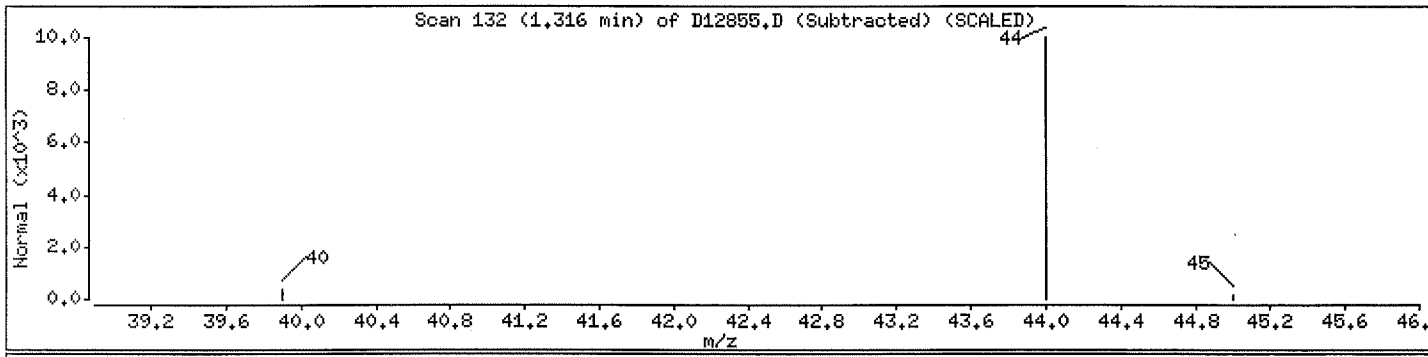
Sample Info: DLC7V101,,2,,0,1,0,8260BDA.M,D12755

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



02

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12856.D
Lab Smp Id: DLC8M101 Client Smp ID: D12756
Inj Date : 09-OCT-2000 13:07
Operator : GFB Inst ID: md.i
Smp Info : DLC8M101,,2,,0,1,0,8260BDA.M,D12756
Misc Info : 371-32,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.983	5.976	(0.844)	884791	49.4907	49.49	
$ 33 1,2-Dichloroethane-d4	65	6.525	6.518	(0.921)	600200	49.7377	49.74	
34 1,2-Dichloroethane-d4 2nd	102	6.515	6.508	(0.919)	115921	47.6149	47.61	
* 38 Fluorobenzene	96	7.086	7.090	(1.000)	1256894	50.0000		
$ 47 Toluene-d8	98	9.924	9.907	(0.787)	1284008	49.3034	49.30	
* 56 Chlorobenzene-d5	117	12.613	12.607	(1.000)	1124982	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.958	14.952	(0.866)	752539	49.0485	49.05	
$ 67 4-Bromofluorobenzene	95	14.948	14.942	(0.866)	1041786	50.8742	50.87	
* 79 1,4-Dichlorobenzene-d4	152	17.264	17.267	(1.000)	770531	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12856.D
Lab Smp Id: DLC8M101 Client Smp ID: D12756
Inj Date : 09-OCT-2000 13:07
Operator : GFB Inst ID: md.i
Smp Info : DLC8M101,,2,,0,1,0,8260BDA.M,D12756
Misc Info : 371-32,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	3038141	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	473219	7.78796663	7.79	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8M101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12756
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.323	7.79	J

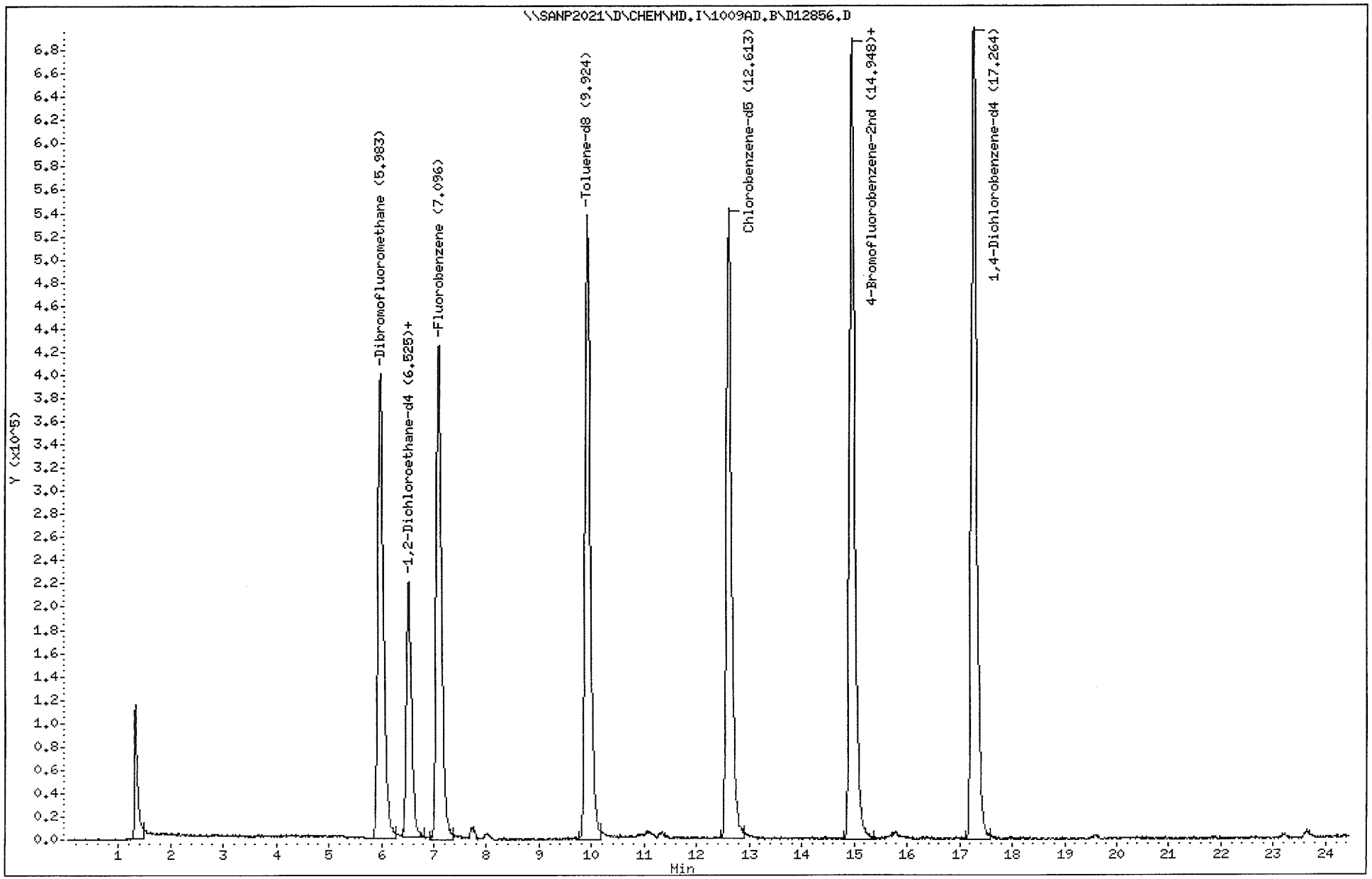
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12856.D
Date : 09-OCT-2000 13:07
Client ID: D12756
Sample Info: DLC8M101,,2,,0,1,0,8260BDA.M,D12756

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000821

BOE-C6-0159240

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12856.D

Date : 09-OCT-2000 13:07

Client ID: D12756

Instrument: md.i

Sample Info: DLC8M101,,2,,0,1,0,8260BDA.M,D12756

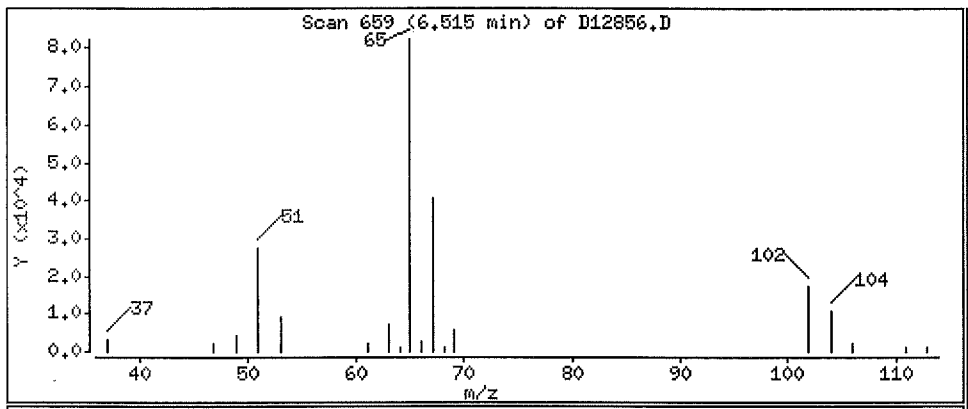
Operator: GFB

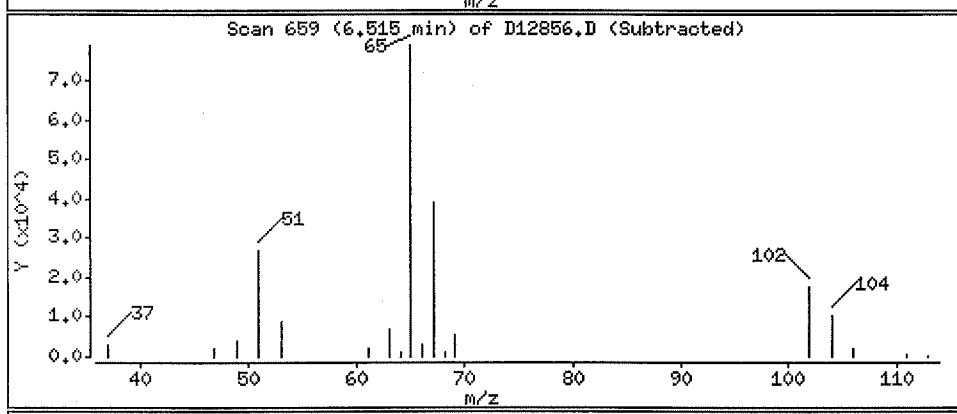
Column phase: J&W DB-624

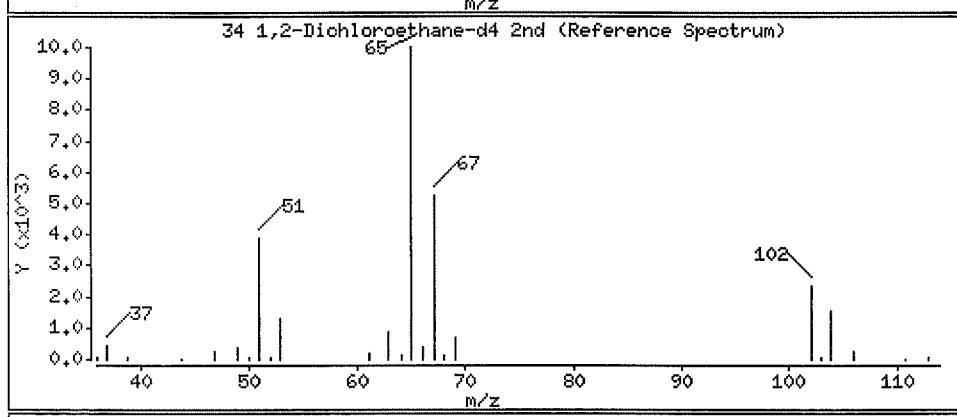
Column diameter: 0.53

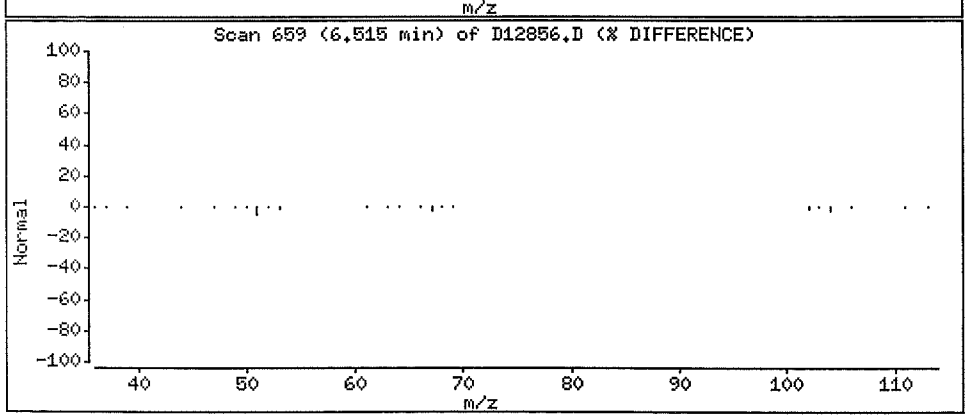
34 1,2-Dichloroethane-d4 2nd

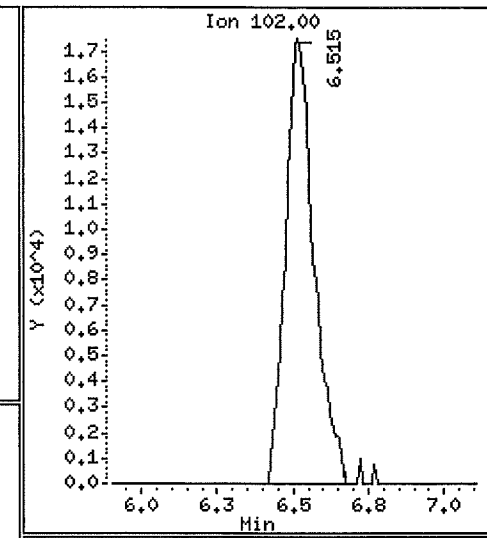
Concentration: 47.61 ug/Kg

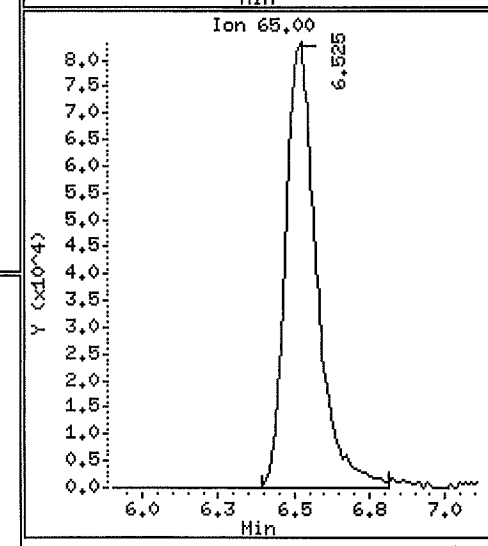












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12856.D

Date : 09-OCT-2000 13:07

Client ID: D12756

Instrument: md.i

Sample Info: DLC8M101,,2,,0,1,0,8260BDA.M,D12756

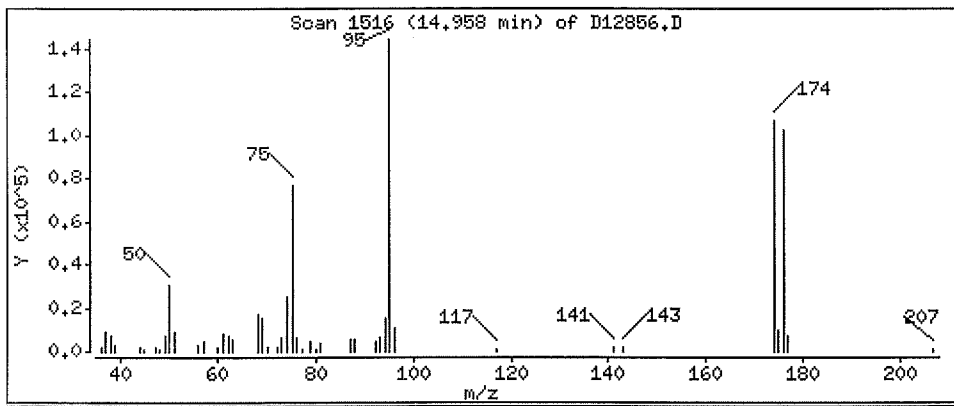
Operator: GFB

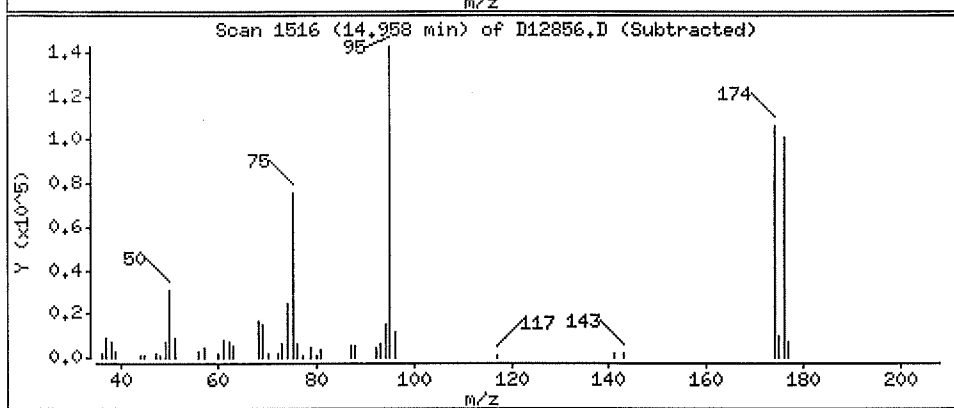
Column phase: J&W DB-624

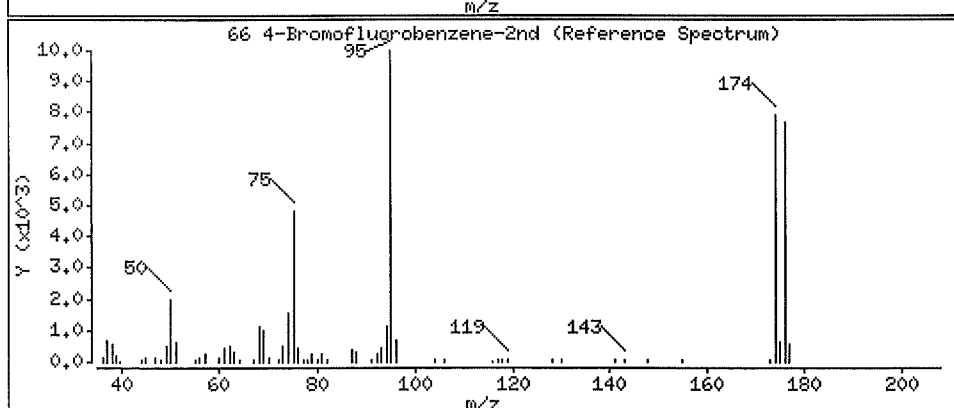
Column diameter: 0.53

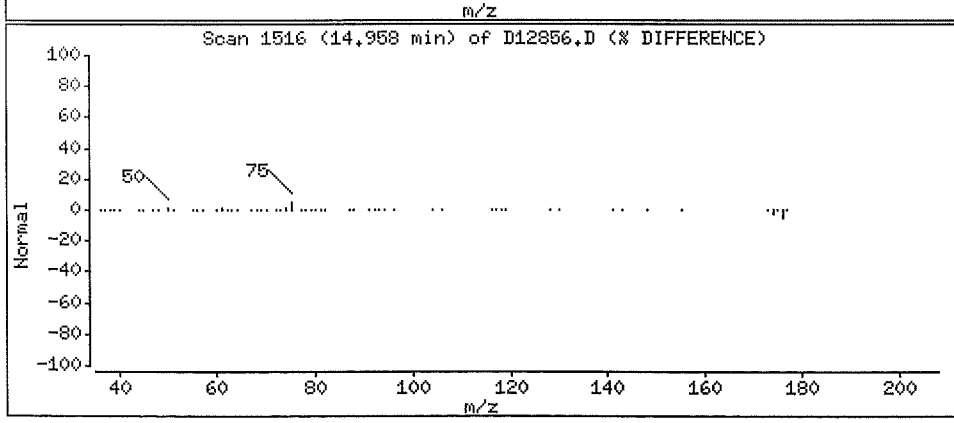
66 4-Bromofluorobenzene-2nd

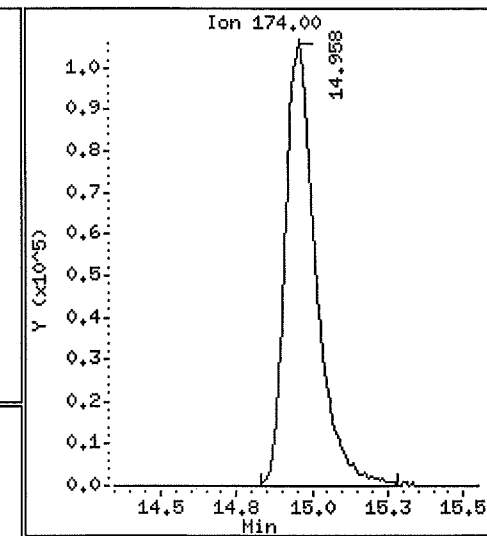
Concentration: 49.05 ug/Kg

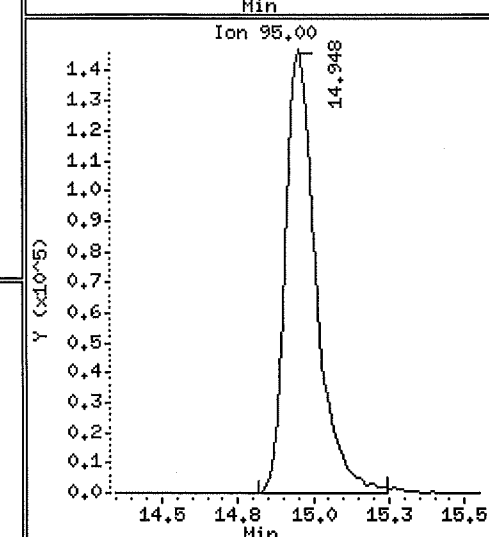


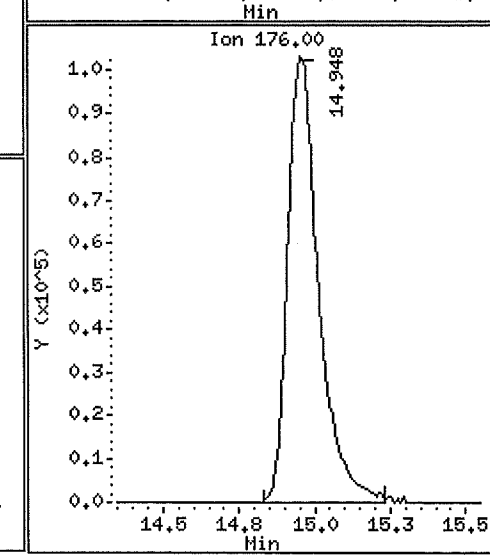












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12856.D

Date : 09-OCT-2000 13:07

Client ID: D12756

Instrument: md.i

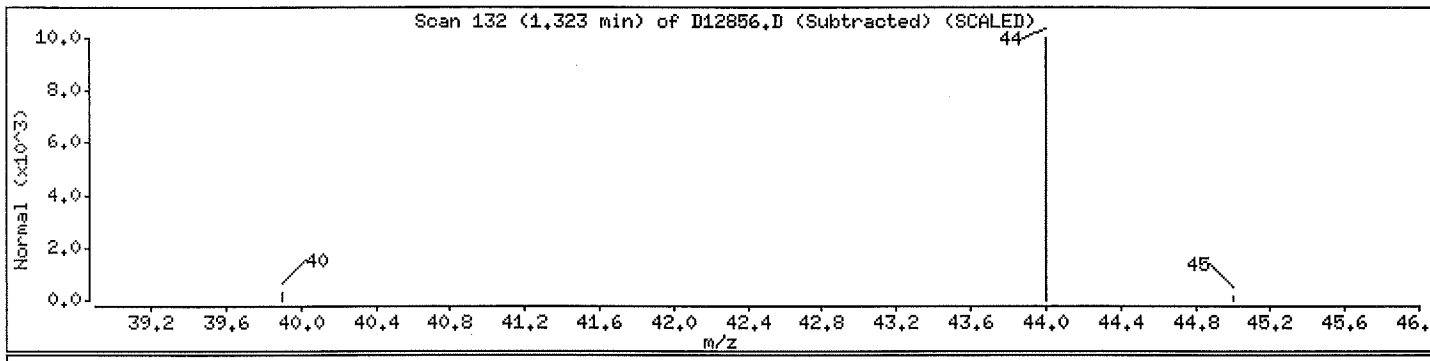
Sample Info: DLC8M101,,2,,0,1,0,8260BDA.M,D12756

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



LOV

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12857.D
Lab Smp Id: DLC8N101 Client Smp ID: D12757
Inj Date : 09-OCT-2000 13:39
Operator : GFB Inst ID: md.i
Smp Info : DLC8N101,,2,,0,1,0,8260BDA.M,D12757
Misc Info : 371-33,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.986	5.976	(0.843)	911080	46.0080	46.01	
$ 33 1,2-Dichloroethane-d4	65	6.518	6.518	(0.918)	644439	48.2132	48.21	
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.508	(0.918)	119533	44.3265	44.33	
* 38 Fluorobenzene	96	7.099	7.090	(1.000)	1392208	50.0000		
$ 47 Toluene-d8	98	9.927	9.907	(0.787)	1300733	46.3699	46.37	
* 56 Chlorobenzene-d5	117	12.616	12.607	(1.000)	1211732	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.961	14.952	(0.866)	778470	46.1259	46.12	
$ 67 4-Bromofluorobenzene	95	14.951	14.942	(0.866)	1068048	47.4151	47.42	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	847585	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12857.D
Lab Smp Id: DLC8N101 Client Smp ID: D12757
Inj Date : 09-OCT-2000 13:39
Operator : GFB Inst ID: md.i
Smp Info : DLC8N101,,2,,0,1,0,8260BDA.M,D12757
Misc Info : 371-33,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.099	3372060	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	612447	9.08119790	9.08	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8N101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12757
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown 102	1.326	9.08	J

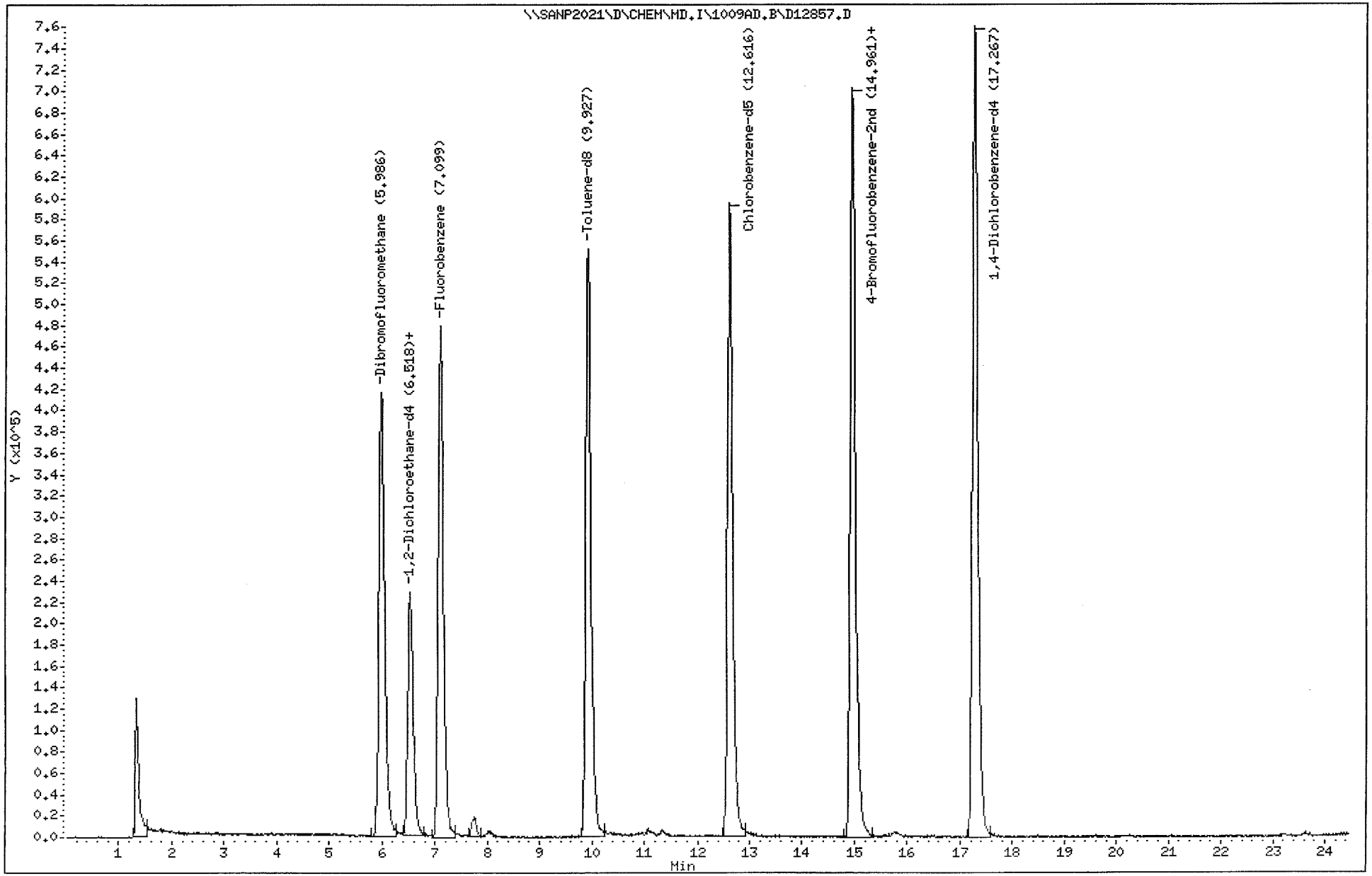
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12857.D
Date : 09-OCT-2000 13:39
Client ID: D12757
Sample Info: DLC8N101,,2,,0,1,0,8260BDA.M,D12757

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000828

BOE-C6-0159247

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12857.D

Date : 09-OCT-2000 13:39

Client ID: D12757

Instrument: md.i

Sample Info: DLC8N101,,2,,0,1,0,8260BDA.M,D12757

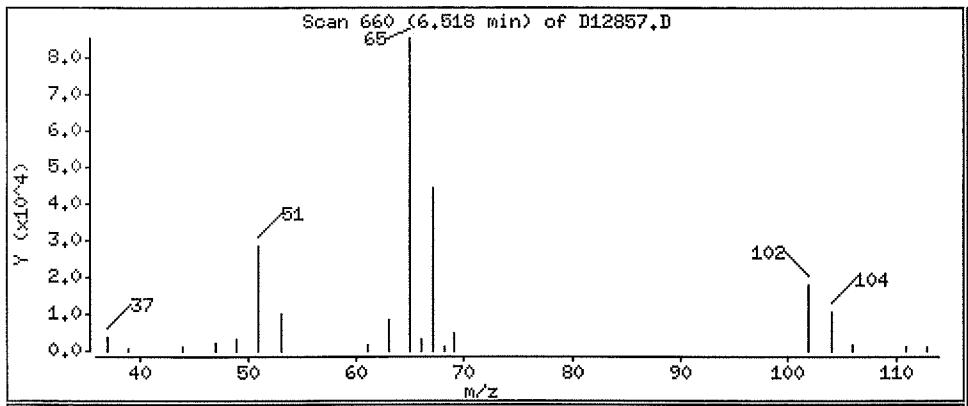
Operator: GFB

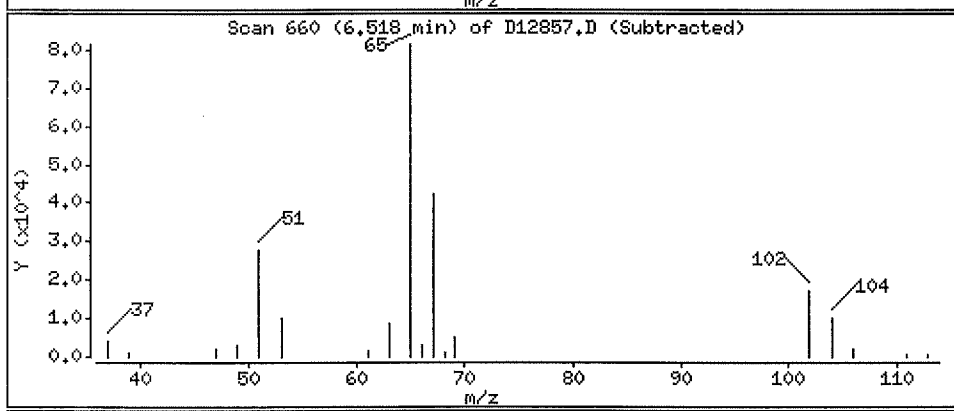
Column phase: J&W DB-624

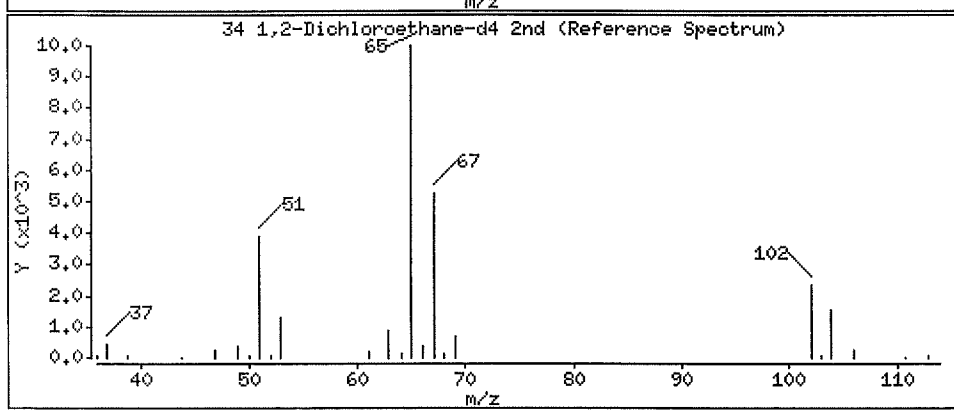
Column diameter: 0.53

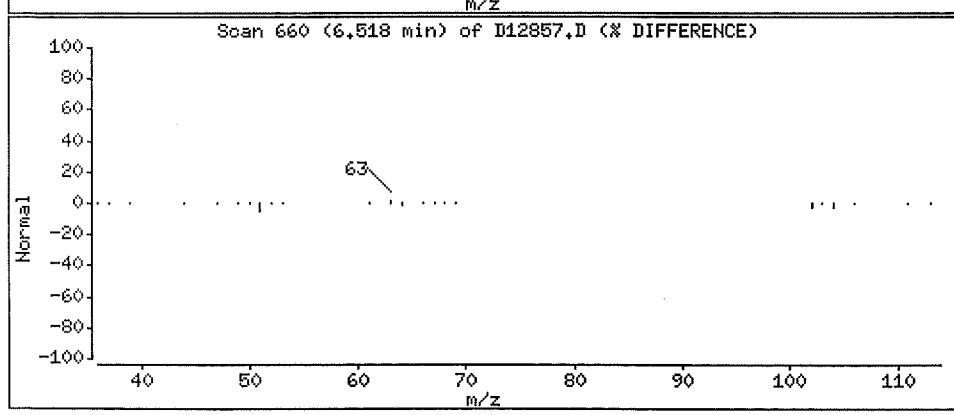
34 1,2-Dichloroethane-d4 2nd

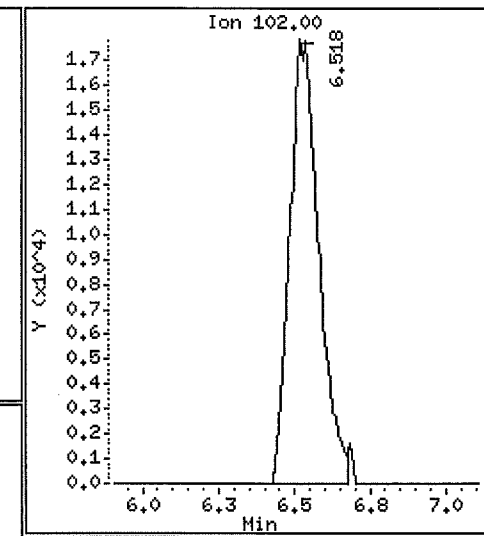
Concentration: 44.33 ug/Kg

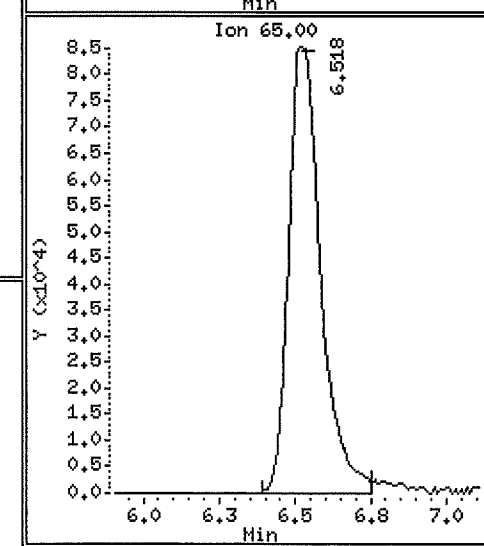












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12857.D

Date : 09-OCT-2000 13:39

Client ID: D12757

Instrument: md.i

Sample Info: DLC8N101,,2,,0,1,0,8260BDA.M,D12757

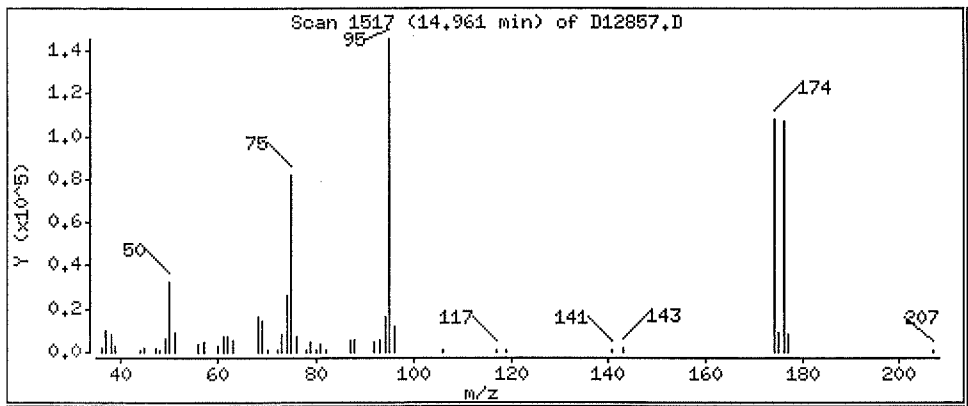
Operator: GFB

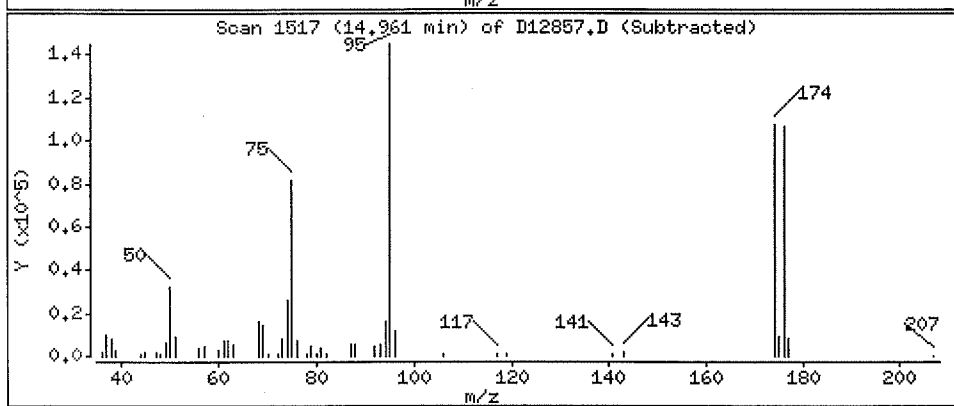
Column phase: J&W DB-624

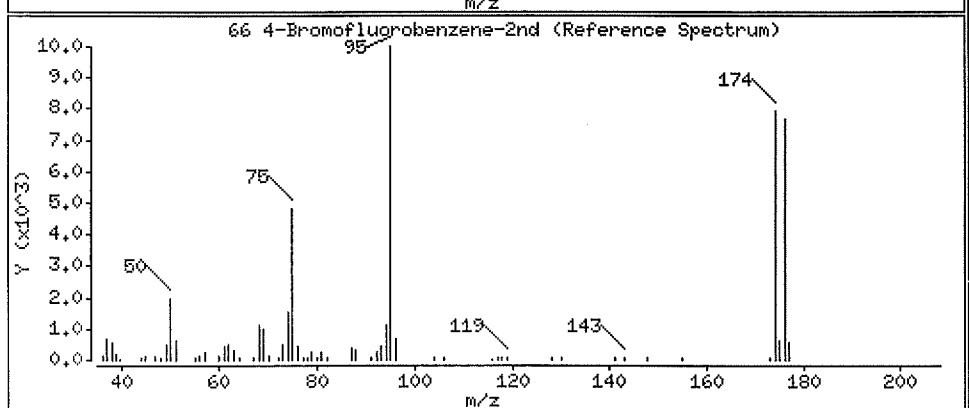
Column diameter: 0.53

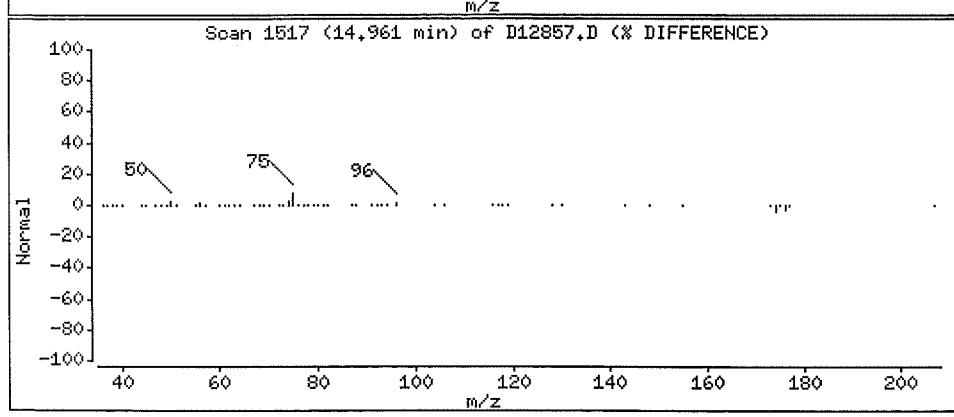
66 4-Bromofluorobenzene-2nd

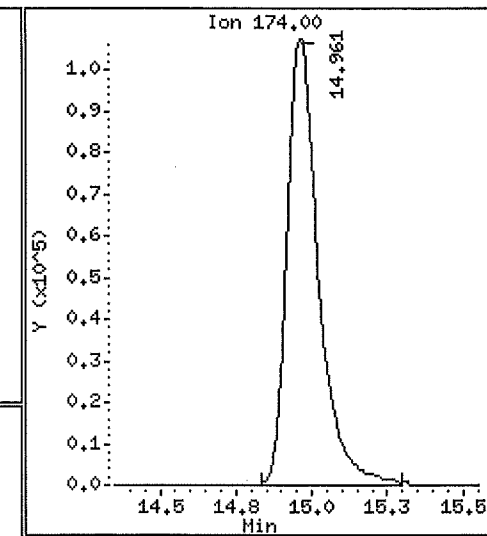
Concentration: 46.12 ug/Kg

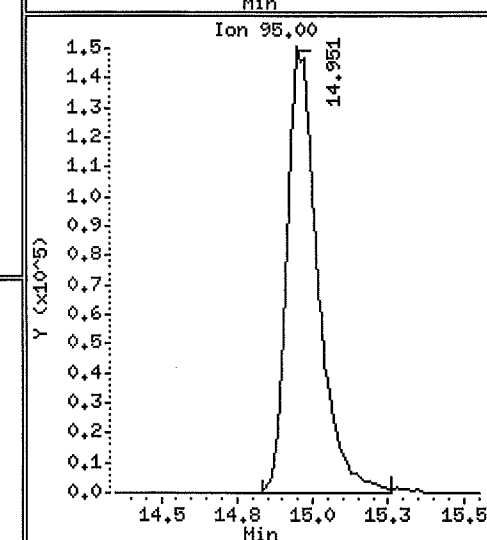


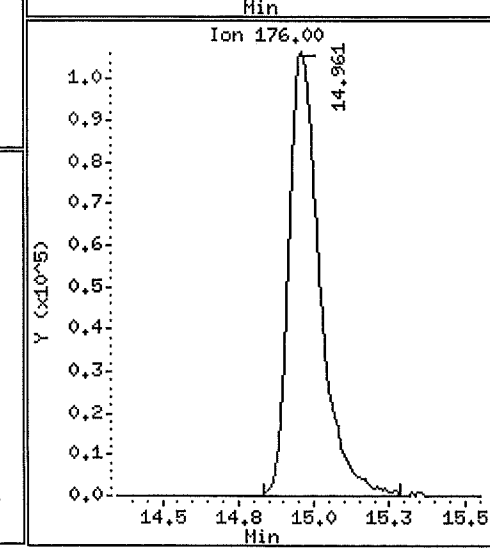












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12857.D

Date : 09-OCT-2000 13:39

Client ID: D12757

Instrument: md.i

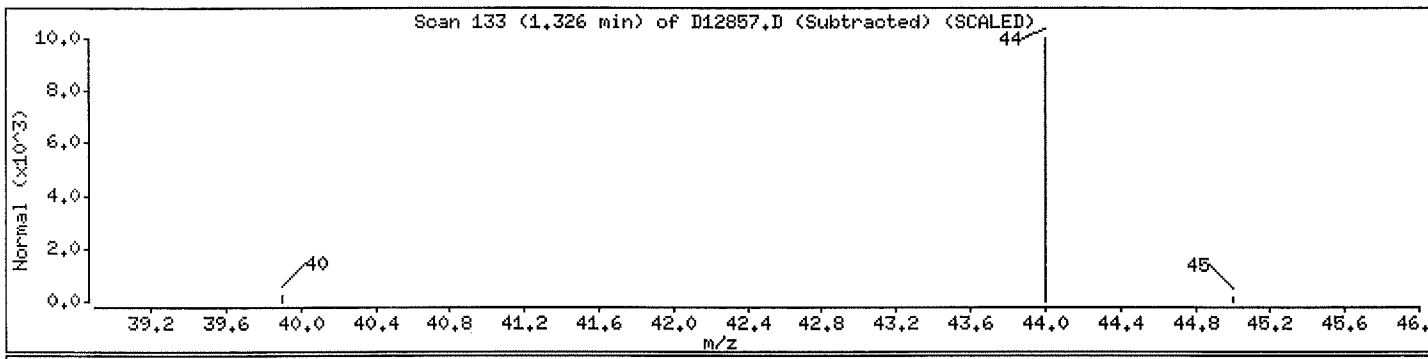
Sample Info: DLC8N101,,2,,0,1,0,8260BDA.M,D12757

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



COL

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12858.D
Lab Smp Id: DLC8P101 Client Smp ID: D12758
Inj Date : 09-OCT-2000 14:11
Operator : GFB Inst ID: md.i
Smp Info : DLC8P101,,2,,0,1,0,8260BDA.M,D12758
Misc Info : 371-34,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.992	5.976	(0.844)	865323	45.3410	45.34
$ 33 1,2-Dichloroethane-d4	65	6.524	6.518	(0.919)	596946	46.3400	46.34
34 1,2-Dichloroethane-d4 2nd	102	6.533	6.508	(0.921)	115623	44.4894	44.49
* 38 Fluorobenzene	96	7.095	7.090	(1.000)	1341739	50.0000	
$ 47 Toluene-d8	98	9.923	9.907	(0.786)	1237707	45.1425	45.14
* 56 Chlorobenzene-d5	117	12.622	12.607	(1.000)	1184368	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.957	14.952	(0.866)	743152	44.7099	44.71
$ 67 4-Bromofluorobenzene	95	14.957	14.942	(0.866)	1016607	45.8250	45.82
* 79 1,4-Dichlorobenzene-d4	152	17.272	17.267	(1.000)	834757	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12858.D
Lab Smp Id: DLC8P101 Client Smp ID: D12758
Inj Date : 09-OCT-2000 14:11
Operator : GFB Inst ID: md.i
Smp Info : DLC8P101,,2,,0,1,0,8260BDA.M,D12758
Misc Info : 371-34,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.095	3191056	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	576447	9.03223498	9.03	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8P101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12758
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.322	9.03	J

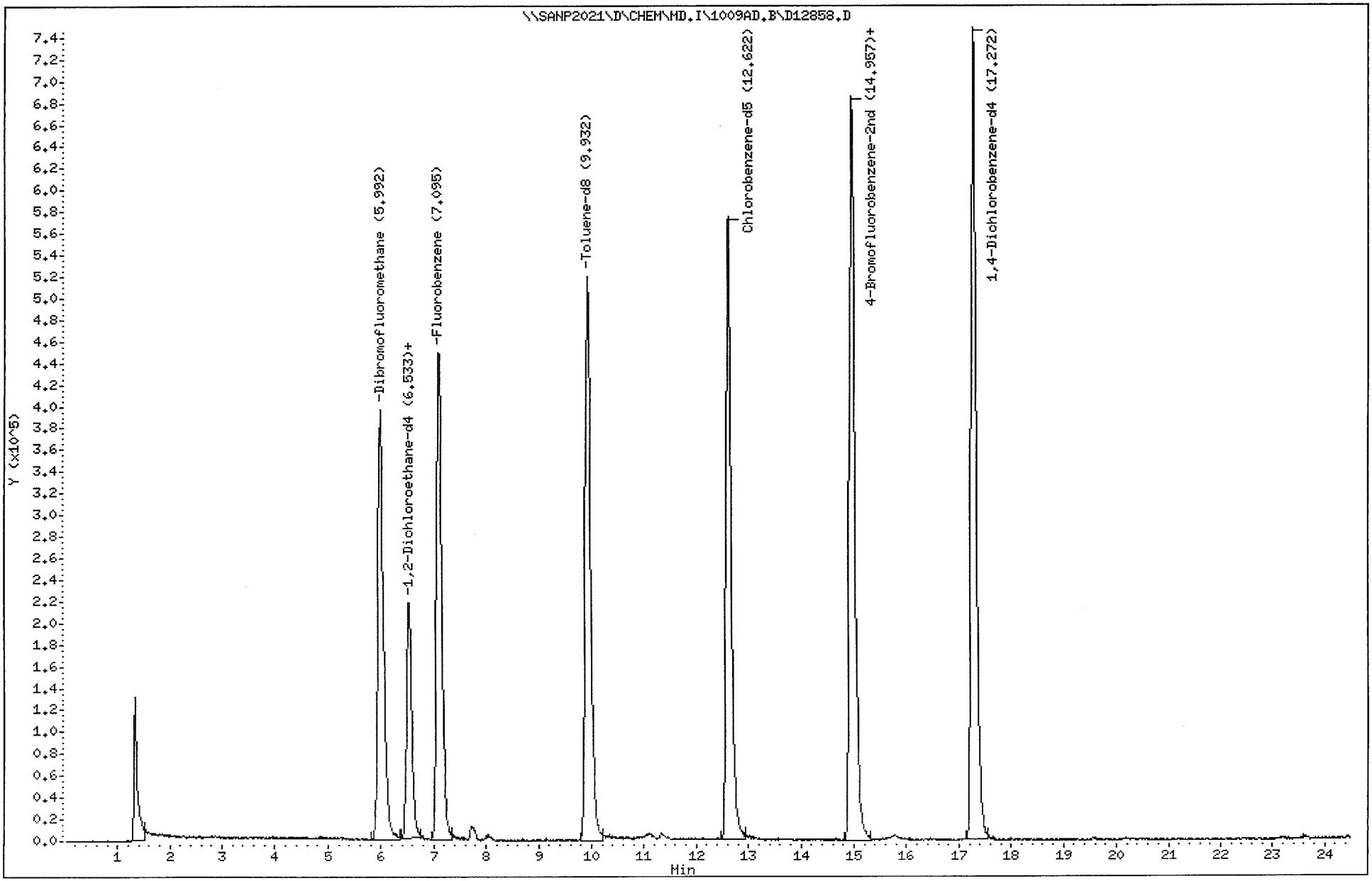
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12858.D
Date : 09-OCT-2000 14:11
Client ID: D12758
Sample Info: DLC8P101,,2,,0,1,0,8260BDA.M,D12758

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159254

000835

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12858.D

Date : 09-OCT-2000 14:11

Client ID: D12758

Instrument: md.i

Sample Info: DLC8P101,,2,,0,1,0,8260BDA.M,D12758

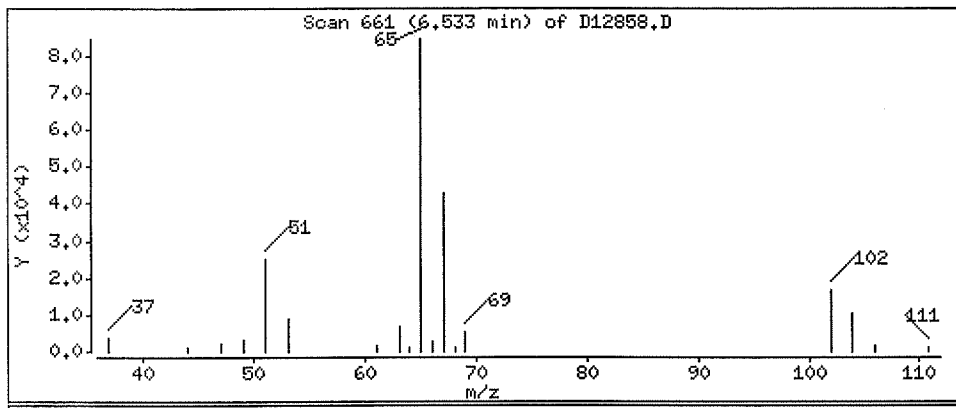
Operator: GFB

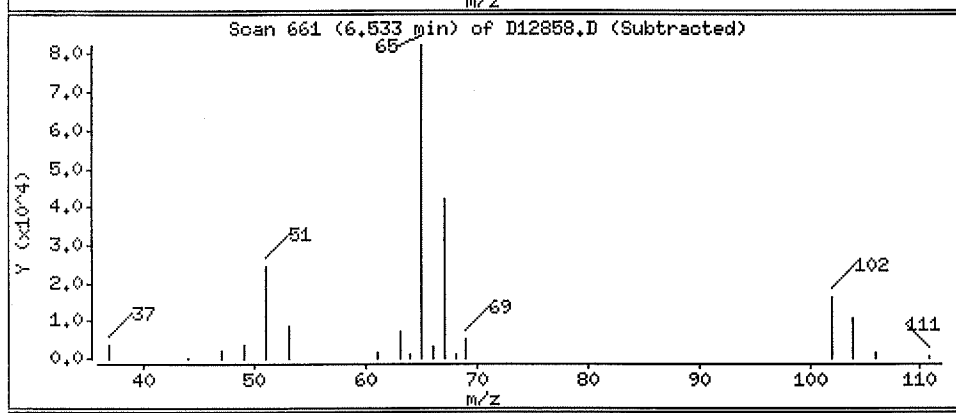
Column phase: J&W DB-624

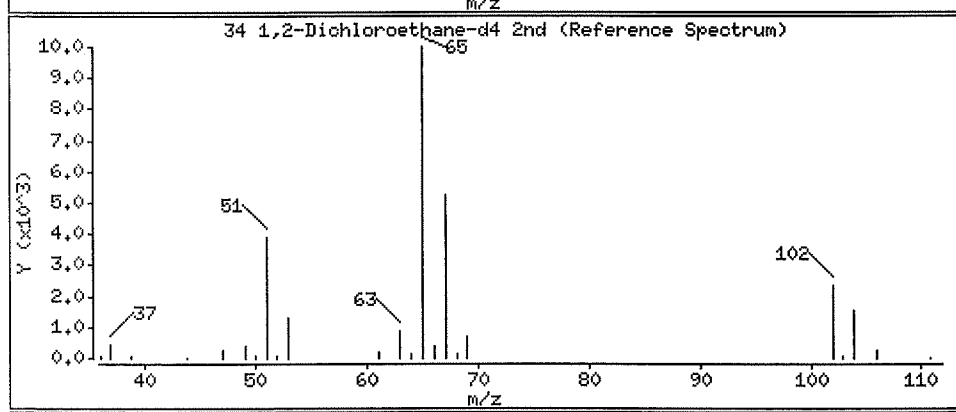
Column diameter: 0.53

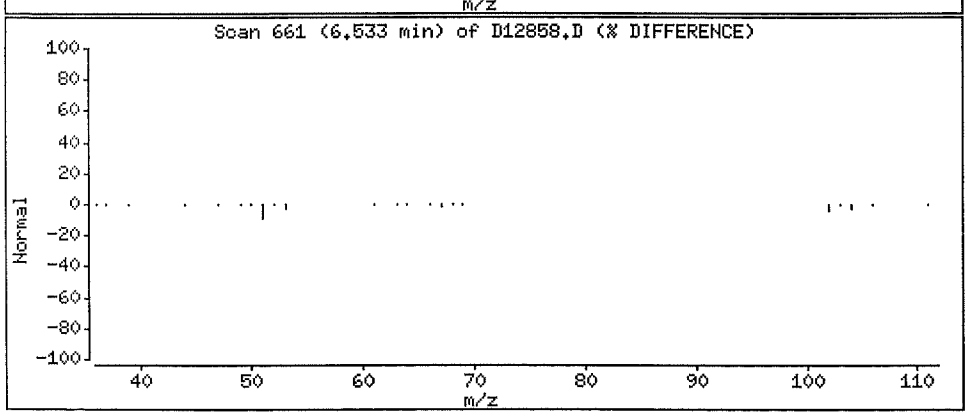
34 1,2-Dichloroethane-d4 2nd

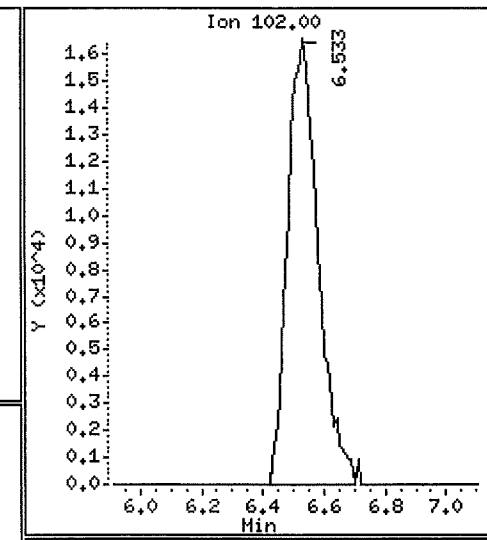
Concentration: 44.49 ug/Kg

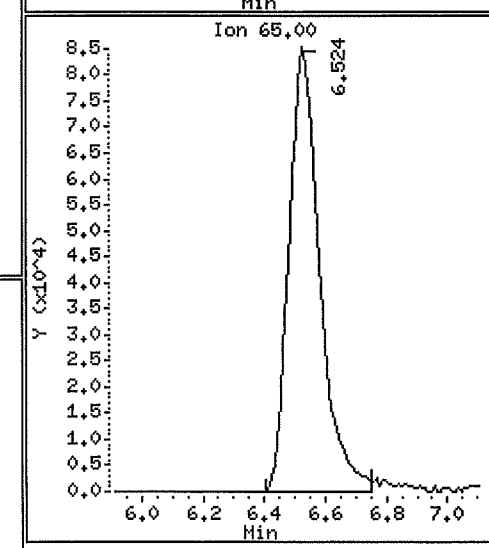












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12858.D

Date : 09-OCT-2000 14:11

Client ID: D12758

Instrument: md.i

Sample Info: DLC8P101,,2,,0,1,0,8260BDA.M,D12758

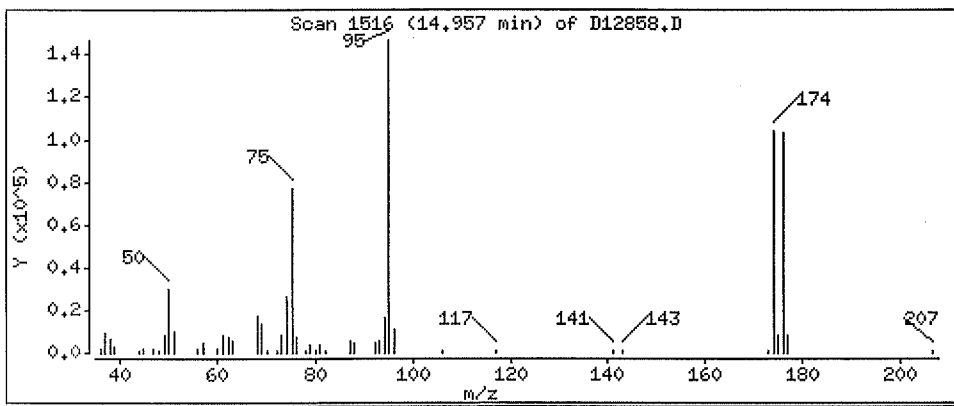
Operator: GFB

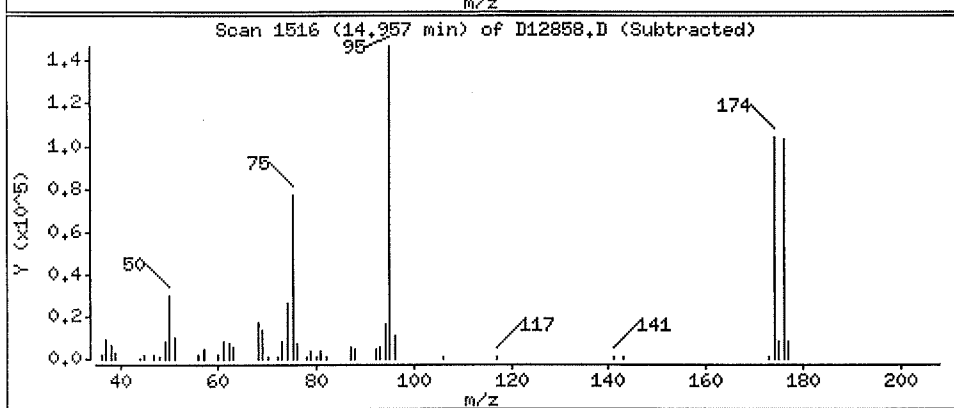
Column phase: J&W DB-624

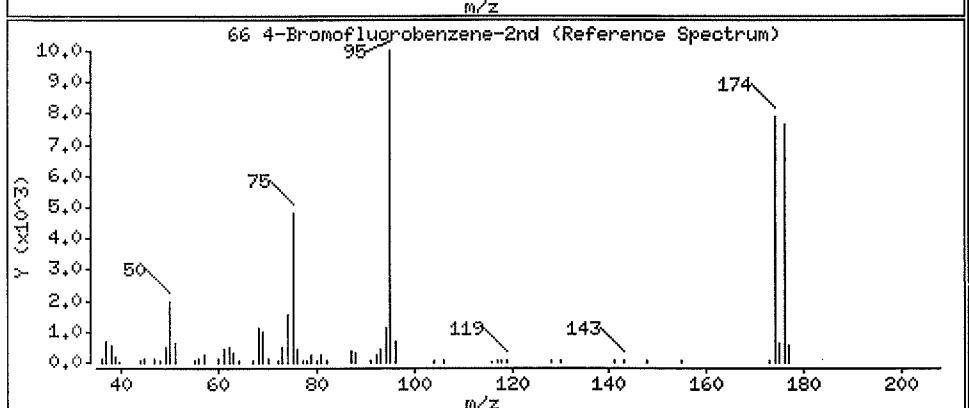
Column diameter: 0.53

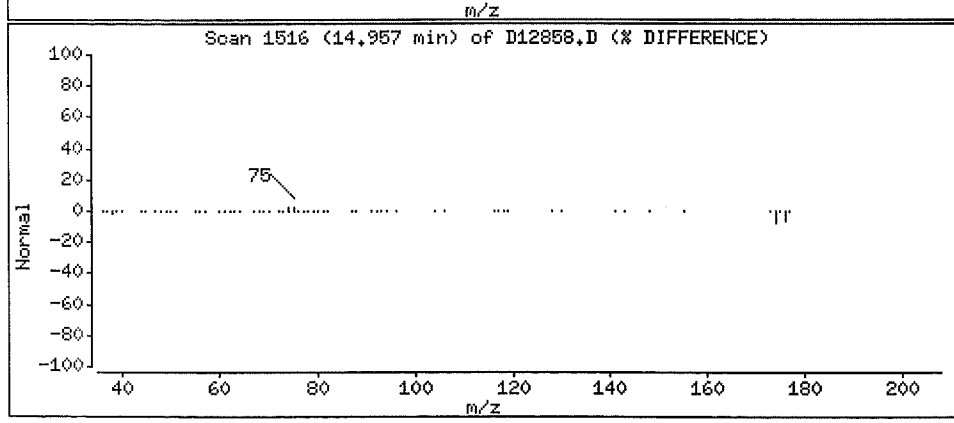
66 4-Bromofluorobenzene-2nd

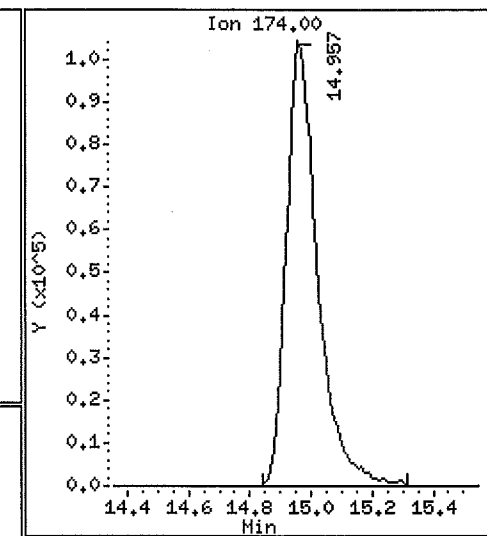
Concentration: 44.71 ug/Kg

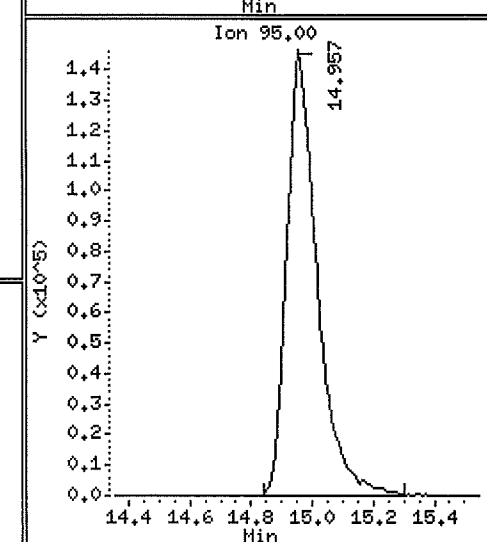


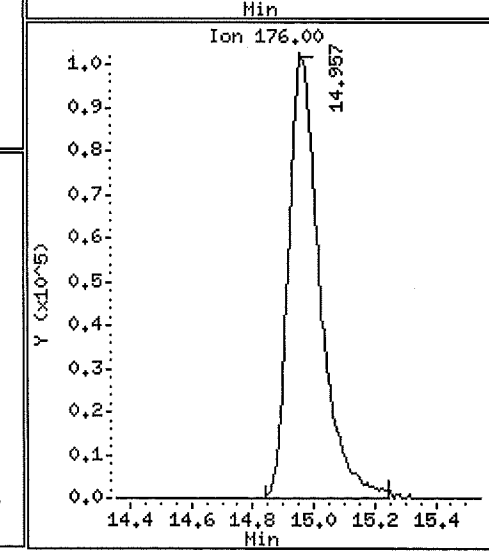












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12858.D

Date : 09-OCT-2000 14:11

Client ID: D12758

Instrument: md.i

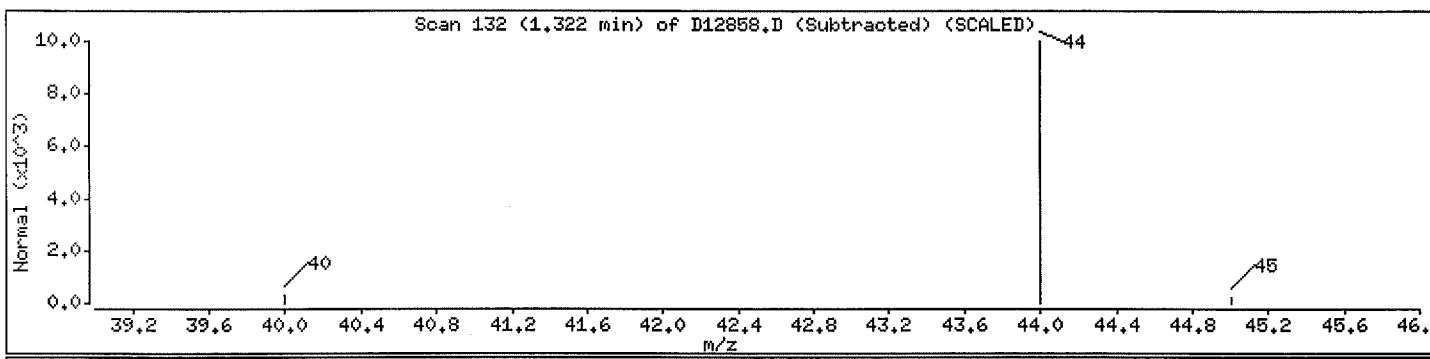
Sample Info: DLC8P101,,2,,0,1,0,8260BDA.M,D12758

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12859.D
Lab Smp Id: DLC8Q101 Client Smp ID: D12759
Inj Date : 09-OCT-2000 14:42
Operator : GFB Inst ID: md.i
Smp Info : DLC8Q101,,2,,0,1,0,8260BDA.M,D12759
Misc Info : 371-35,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.987	5.976	(0.844)	892765	47.0211	47.02
$ 33 1,2-Dichloroethane-d4	65	6.520	6.518	(0.919)	596826	46.5704	46.57
34 1,2-Dichloroethane-d4 2nd	102	6.520	6.508	(0.919)	110887	42.8877	42.89
* 38 Fluorobenzene	96	7.091	7.090	(1.000)	1334829	50.0000	
39 Trichloroethene	130	7.741	7.730	(1.092)	170983	13.7053	13.70
$ 47 Toluene-d8	98	9.938	9.907	(0.787)	1226992	45.7889	45.79
51 Tetrachloroethene	164	11.071	11.040	(0.877)	45883	3.57230	3.57(a)
* 56 Chlorobenzene-d5	117	12.628	12.607	(1.000)	1157539	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.963	14.952	(0.866)	722996	46.9002	46.90
$ 67 4-Bromofluorobenzene	95	14.963	14.942	(0.866)	970960	47.1914	47.19
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.267	(1.000)	774190	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12859.D
Lab Smp Id: DLC8Q101 Client Smp ID: D12759
Inj Date : 09-OCT-2000 14:42
Operator : GFB Inst ID: md.i
Smp Info : DLC8Q101,,2,,0,1,0,8260BDA.M,D12759
Misc Info : 371-35,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.091	3168351	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	632286	9.97815699	9.98	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8Q101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12759
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown COV	1.318	9.98	J

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12859.D

Date : 09-OCT-2000 14:42

Client ID: D12759

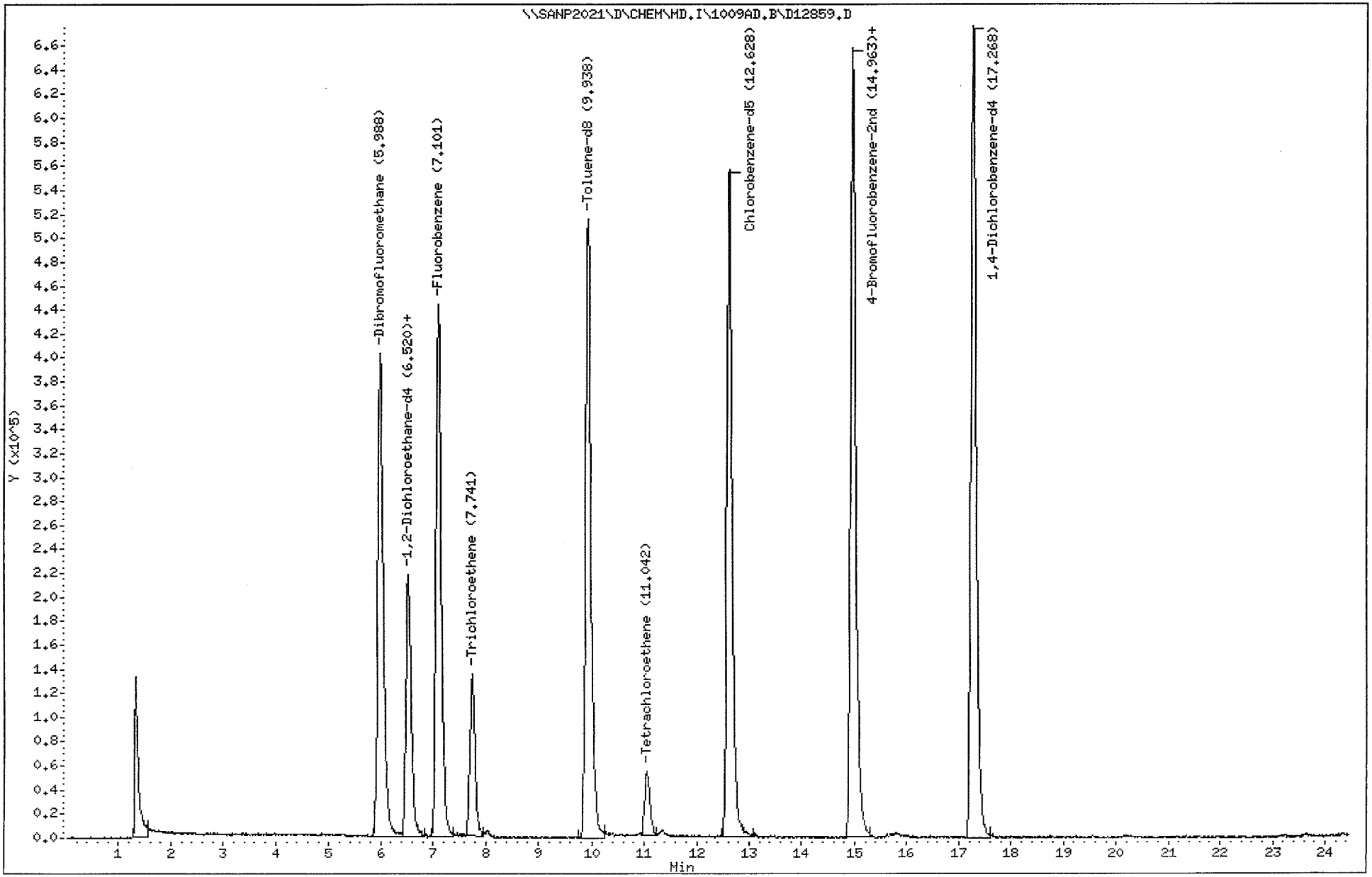
Sample Info: DLC8Q101,,2,,0,1,0,8260BDA.M,D12759

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000843

BOE-C6-0159262

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12859.D

Date : 09-OCT-2000 14:42

Client ID: D12759

Instrument: md.i

Sample Info: DLC8Q101,,2,,0,1,0,8260BDA.M,D12759

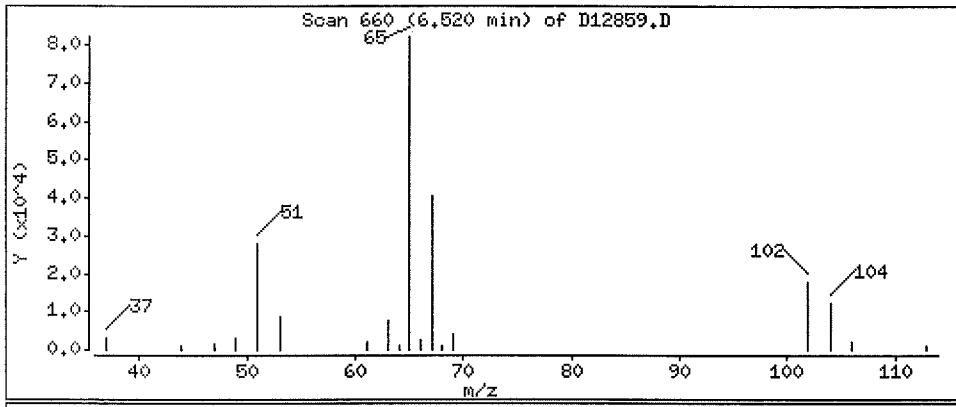
Operator: GFB

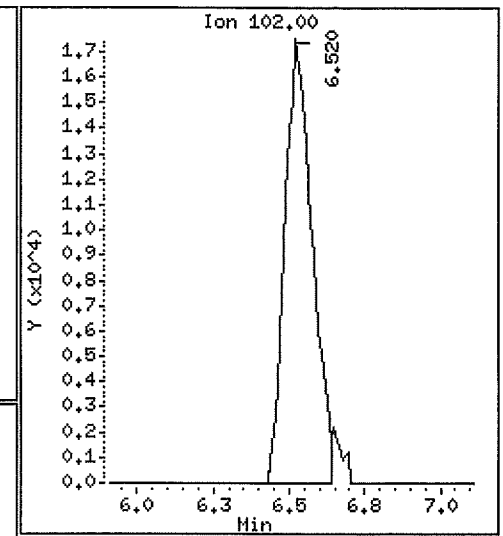
Column phase: J&W DB-624

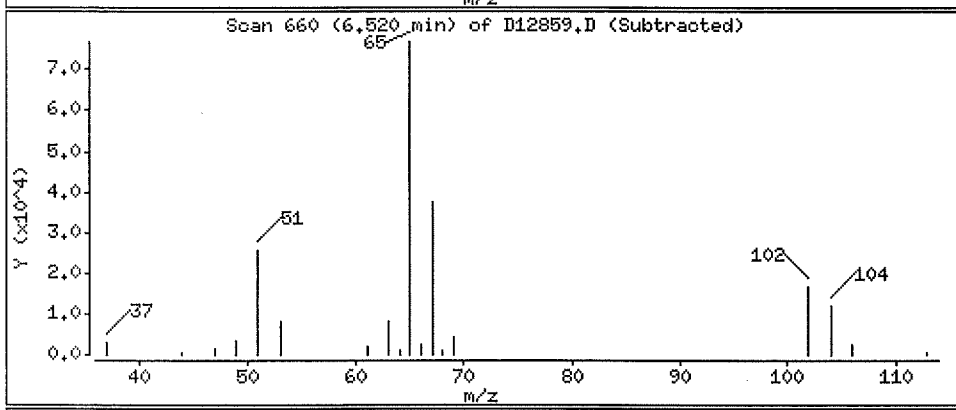
Column diameter: 0.53

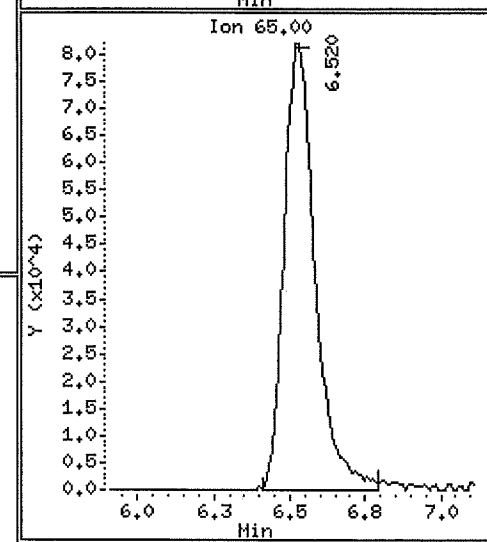
34 1,2-Dichloroethane-d4 2nd

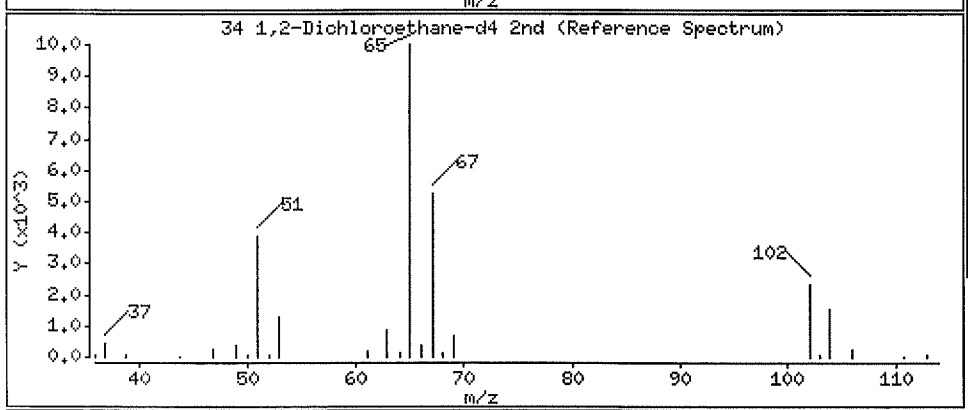
Concentration: 42.89 ug/Kg

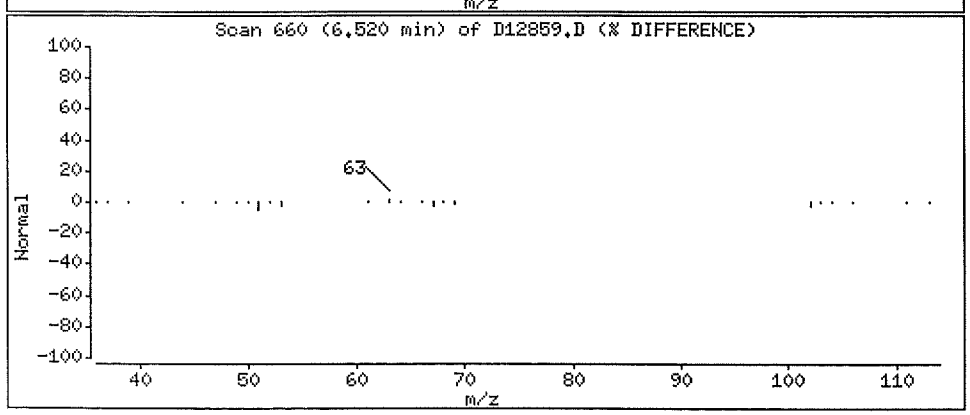












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12859.D

Date : 09-OCT-2000 14:42

Client ID: D12759

Instrument: md.i

Sample Info: DLC8Q101,,2,,0,1,0,8260BDA.M,D12759

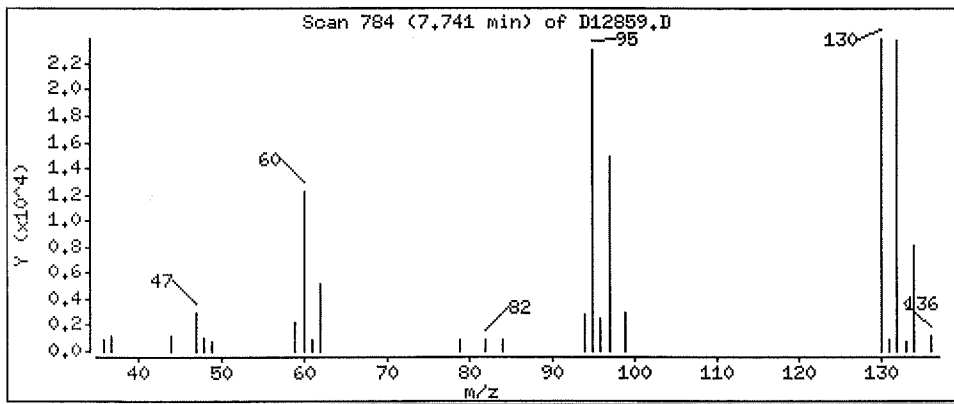
Operator: GFB

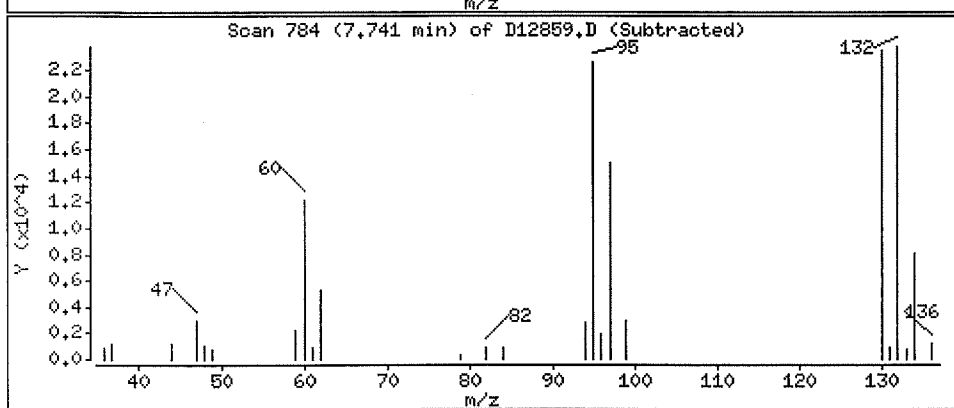
Column phase: J&W DB-624

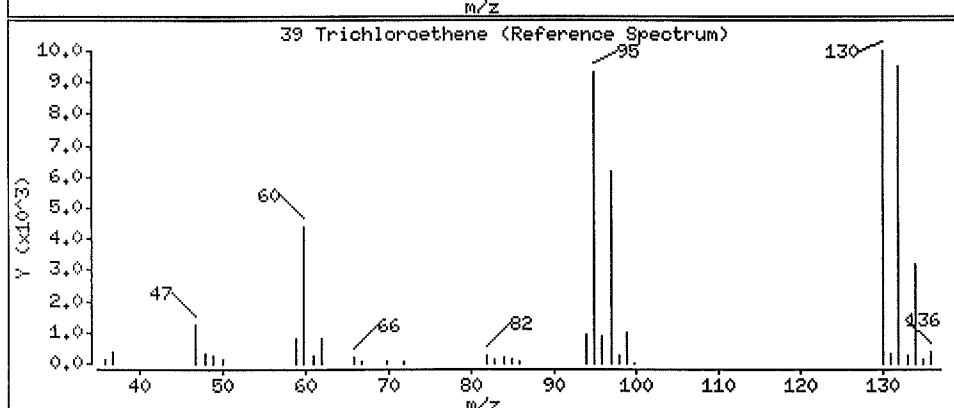
Column diameter: 0.53

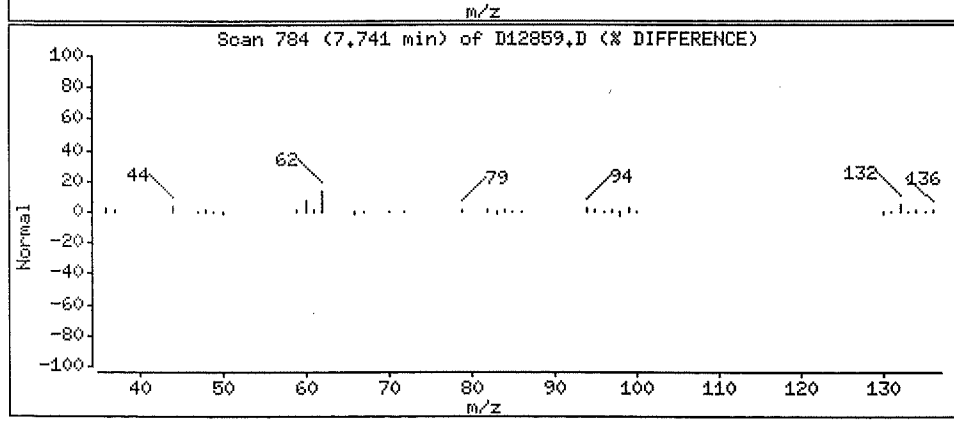
39 Trichloroethene

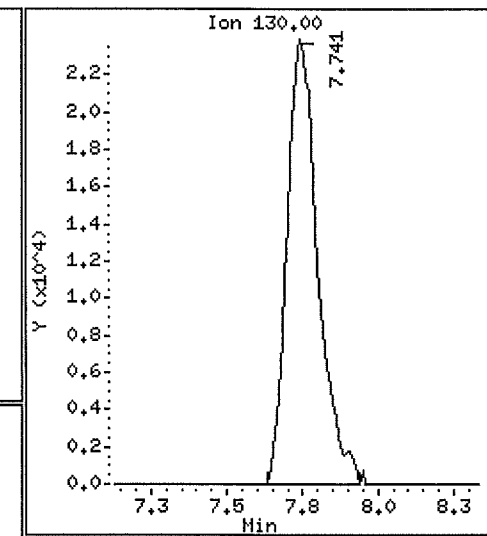
Concentration: 13.70 ug/Kg

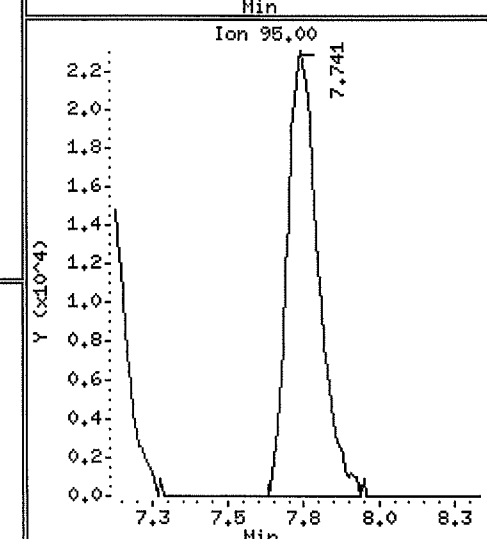


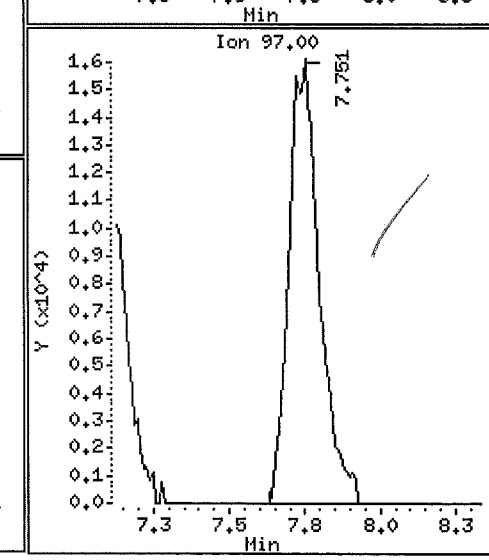












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12859.D

Date : 09-OCT-2000 14:42

Client ID: D12759

Instrument: md.i

Sample Info: DLC8Q101,,2,,0,1,0,8260BDA.M,D12759

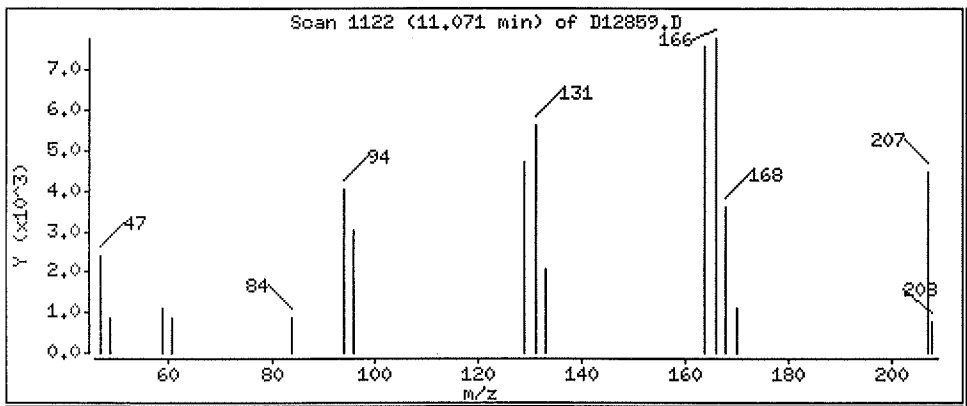
Operator: GFB

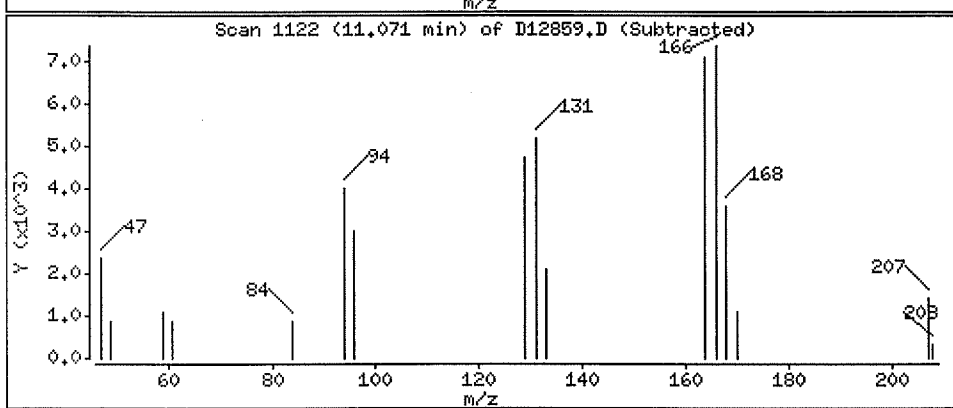
Column phase: J&W DB-624

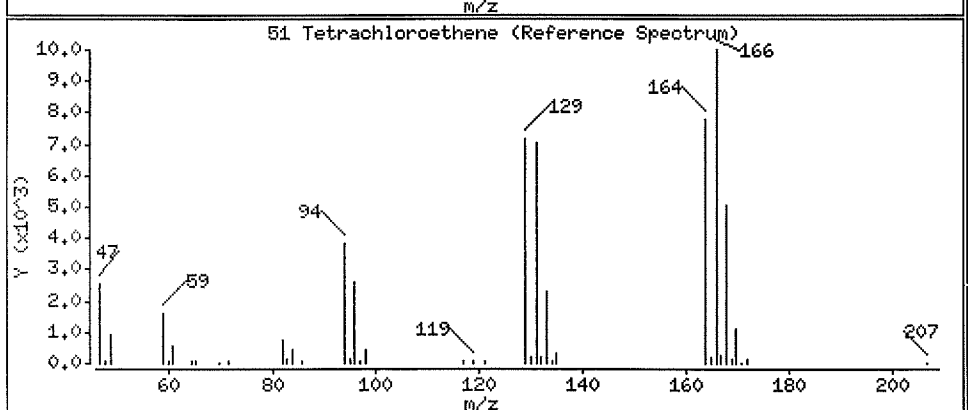
Column diameter: 0.53

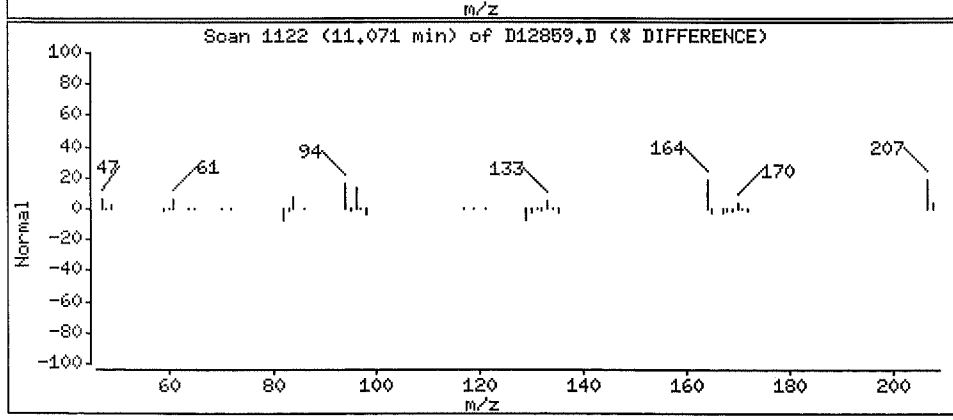
51 Tetrachloroethene

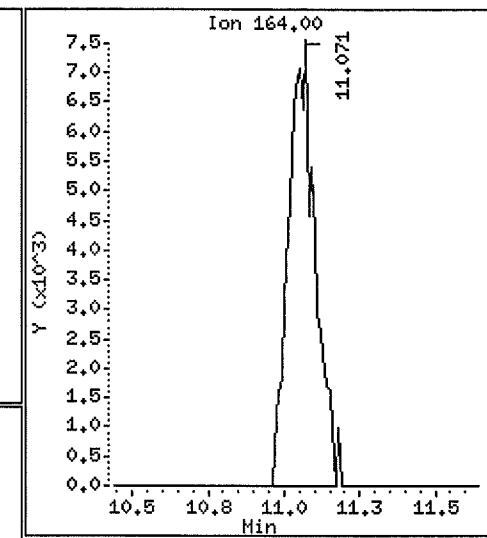
Concentration: 3.57 ug/Kg

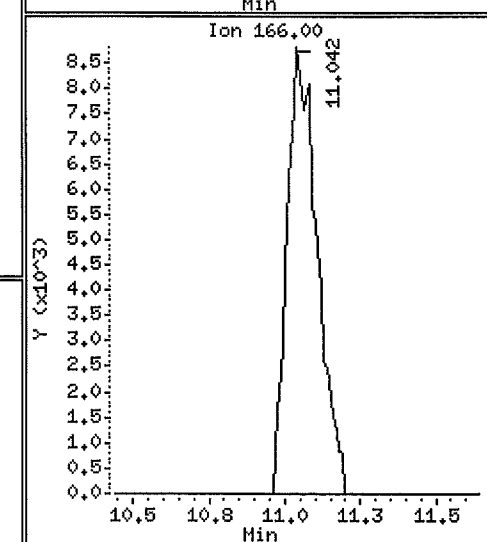


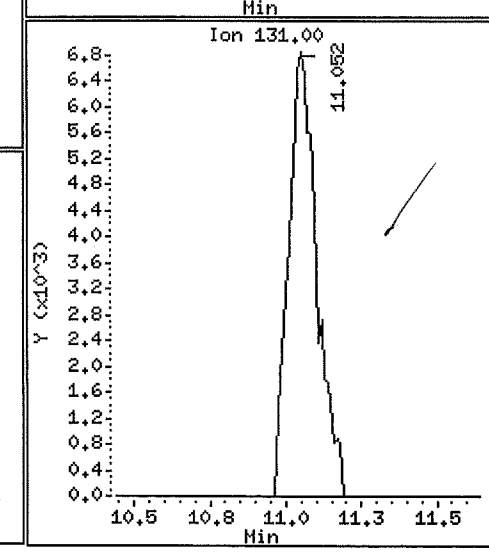












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12859.D

Date : 09-OCT-2000 14:42

Client ID: D12759

Instrument: md.i

Sample Info: DLC8Q101,,2,,0,1,0,8260BDA.M,D12759

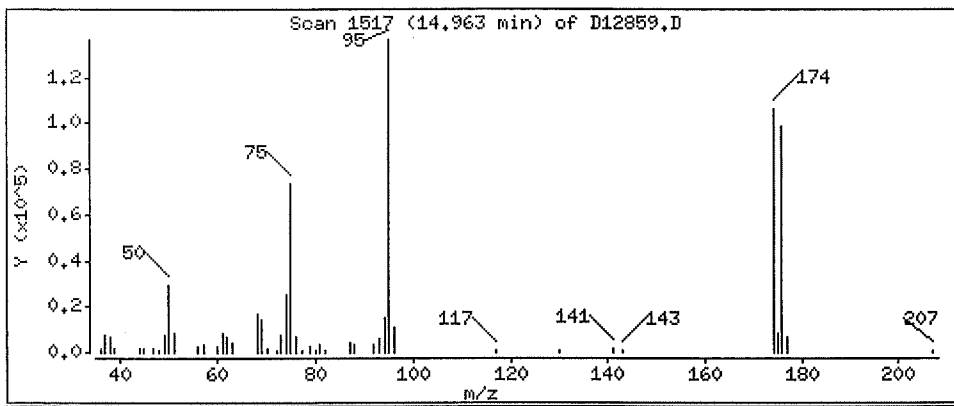
Operator: GFB

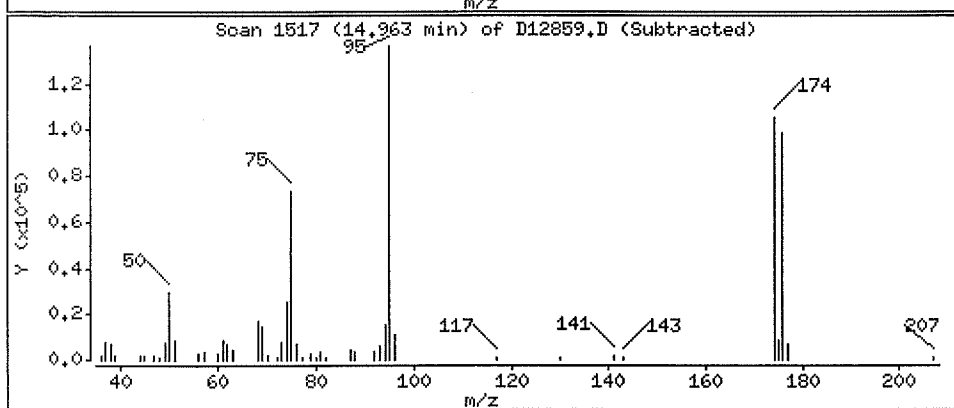
Column phase: J&W DB-624

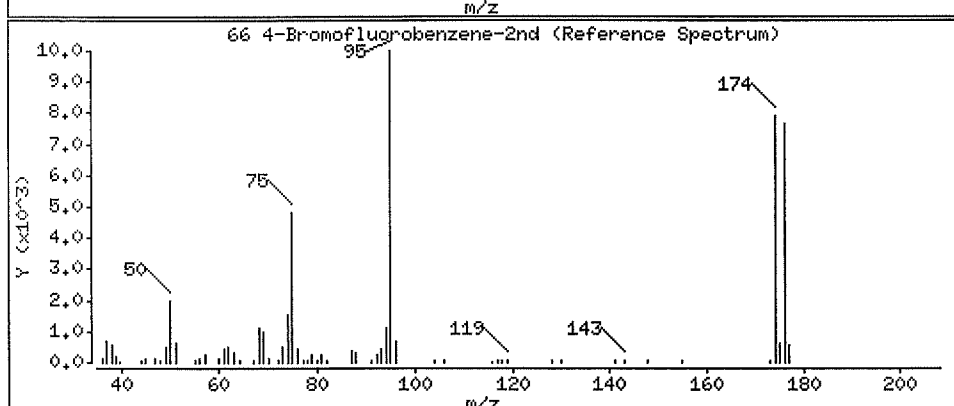
Column diameter: 0.53

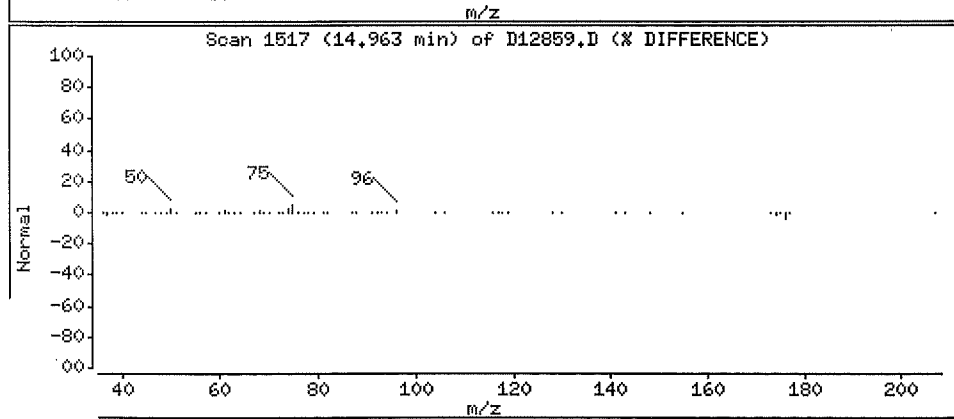
66 4-Bromofluorobenzene-2nd

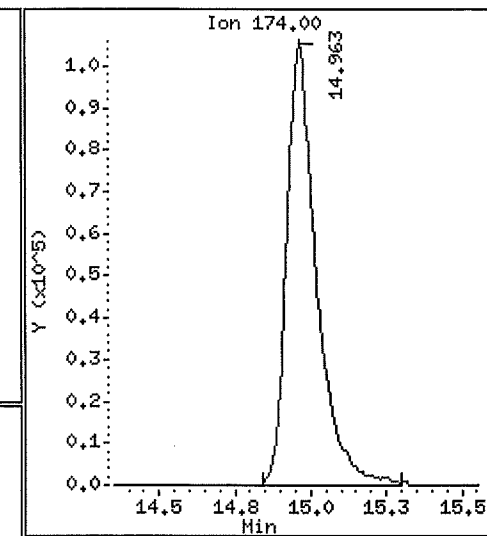
Concentration: 46.90 ug/Kg

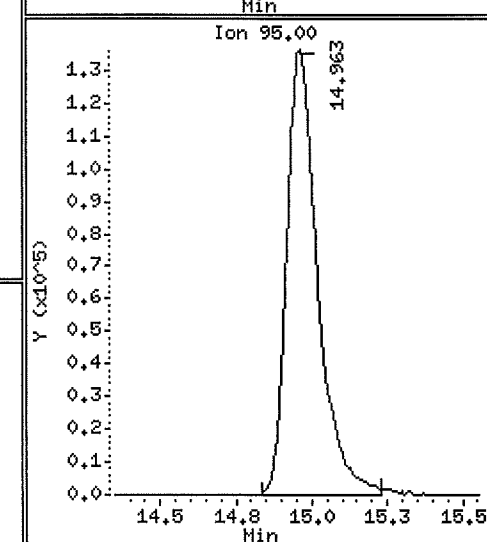


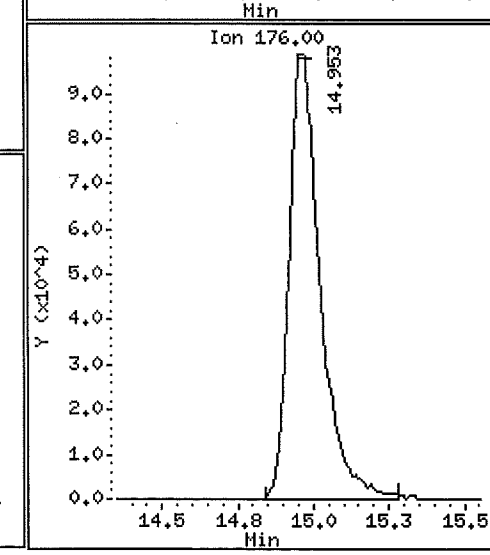












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12859.D

Date : 09-OCT-2000 14:42

Client ID: D12759

Instrument: md.i

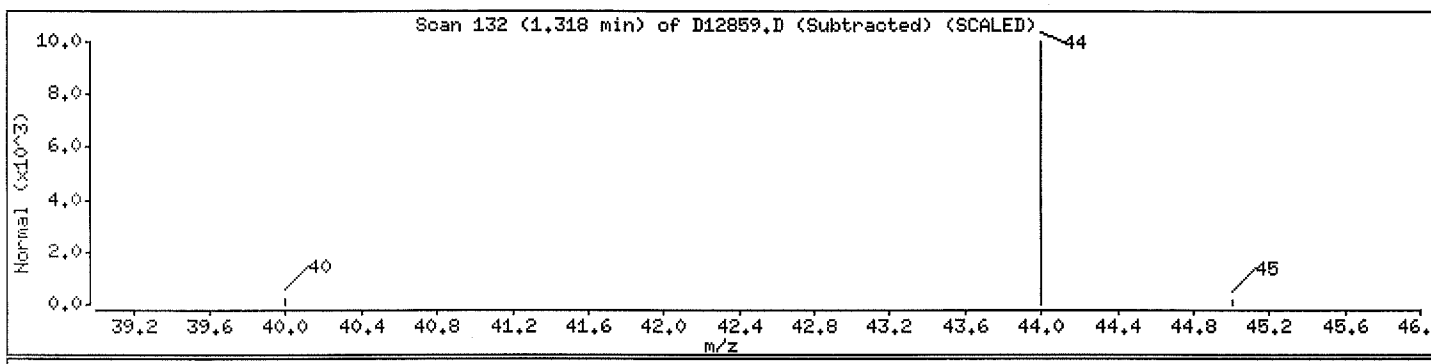
Sample Info: DLC8Q101,,2,,0,1,0,8260BDA.M,D12759

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12862.D
Lab Smp Id: DLC8R101 Client Smp ID: D12762
Inj Date : 09-OCT-2000 16:18
Operator : GFB Inst ID: md.i
Smp Info : DLC8R101,,2,,0,1,0,8260BDA.M,D12762
Misc Info : 371-36,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.989	5.976	(0.843)	931839	45.9275	45.93
$ 33 1,2-Dichloroethane-d4	65	6.521	6.518	(0.918)	614628	44.8798	44.88
34 1,2-Dichloroethane-d4 2nd	102	6.521	6.508	(0.918)	117460	42.5127	42.51
* 38 Fluorobenzene	96	7.103	7.090	(1.000)	1426428	50.0000	
39 Trichloroethene	130	7.723	7.730	(1.087)	32834	2.46286	2.46(a)
$ 47 Toluene-d8	98	9.930	9.907	(0.787)	1281257	45.3514	45.35
* 56 Chlorobenzene-d5	117	12.620	12.607	(1.000)	1220395	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.955	14.952	(0.865)	787516	45.9101	45.91
$ 67 4-Bromofluorobenzene	95	14.965	14.942	(0.866)	1063014	46.4312	46.43
* 79 1,4-Dichlorobenzene-d4	152	17.280	17.267	(1.000)	861466	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12862.D
Lab Smp Id: DLC8R101 Client Smp ID: D12762
Inj Date : 09-OCT-2000 16:18
Operator : GFB Inst ID: md.i
Smp Info : DLC8R101,,2,,0,1,0,8260BDA.M,D12762
Misc Info : 371-36,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.103	3317634	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.319	605793	9.12988928	9.13	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8R101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12762
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.319	9.13	J

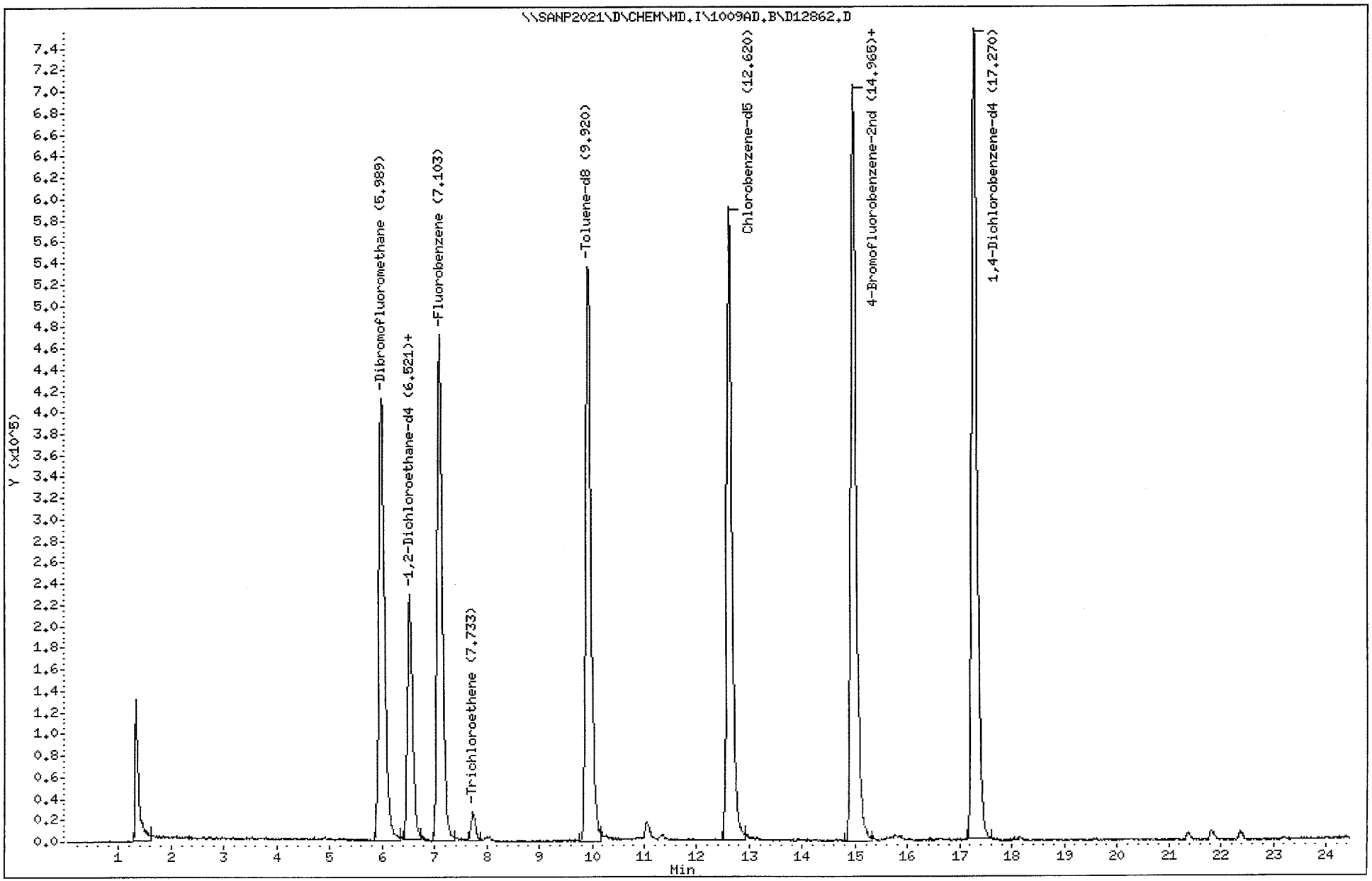
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12862.D
Date : 09-OCT-2000 16:18
Client ID: D12762
Sample Info: DLC8R101,,2,,0,1,0,8260BDA.M,D12762

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000853

BOE-C6-0159272

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12862.D

Date : 09-OCT-2000 16:18

Client ID: D12762

Instrument: md.i

Sample Info: DLC8R101,,2,,0,1,0,8260BDA.M,D12762

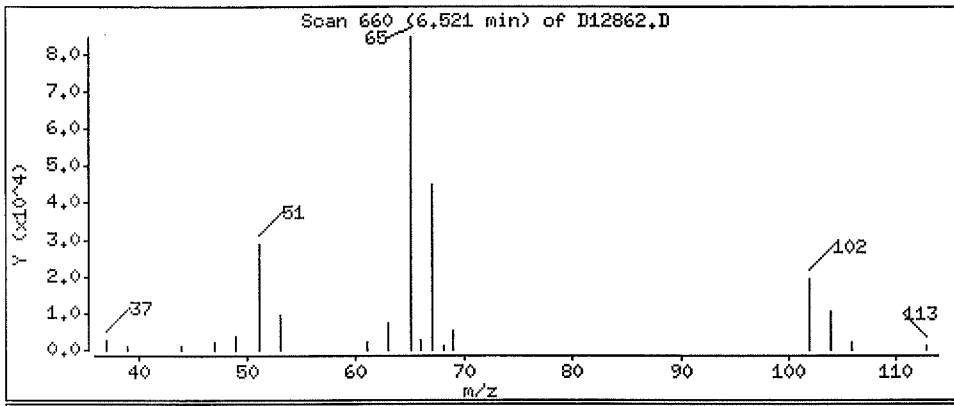
Operator: GFB

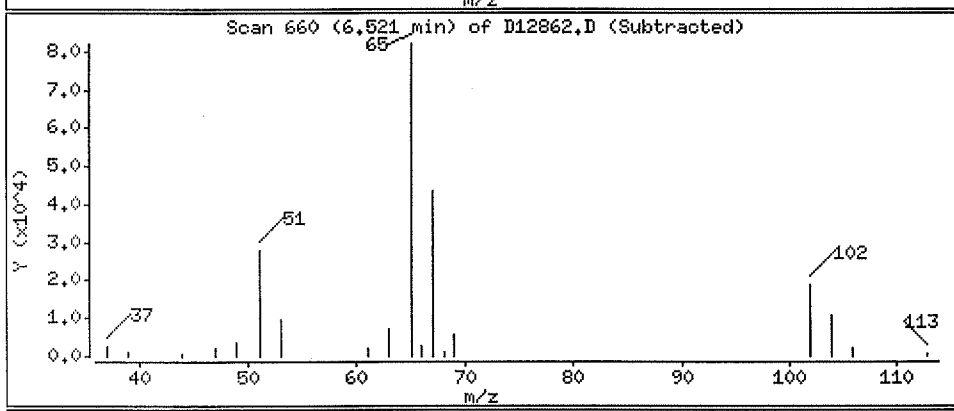
Column phase: J&W DB-624

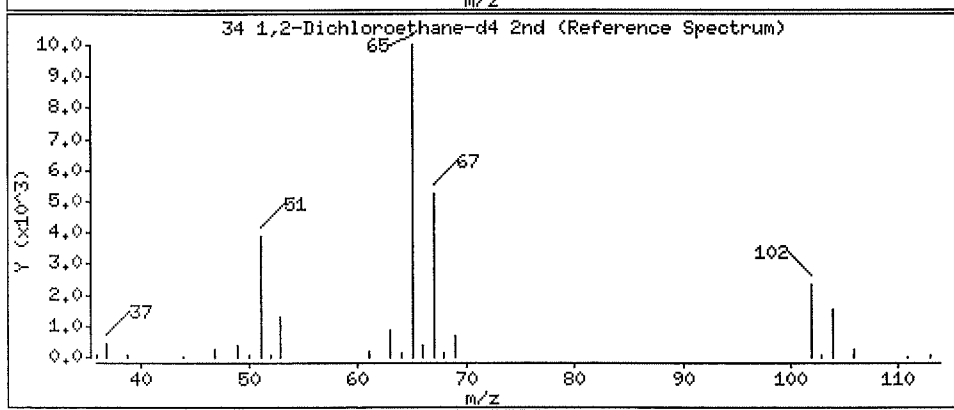
Column diameter: 0.53

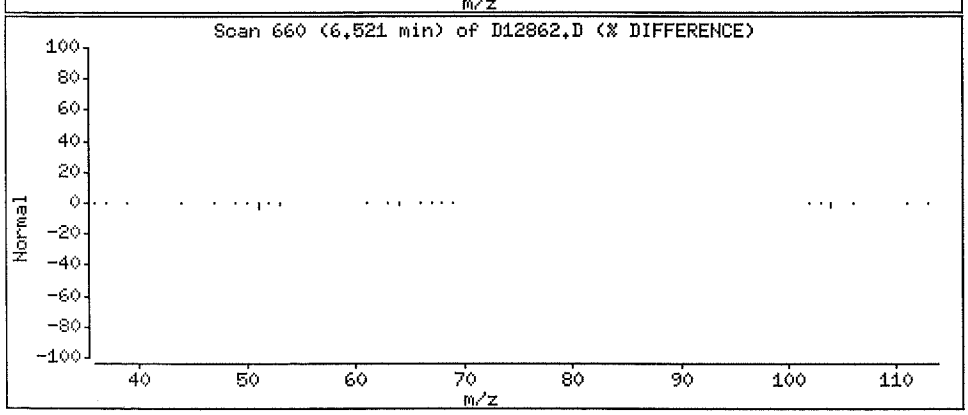
34 1,2-Dichloroethane-d4 2nd

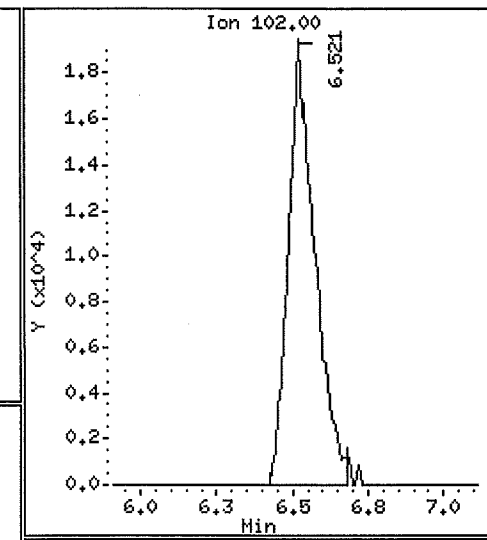
Concentration: 42.51 ug/Kg

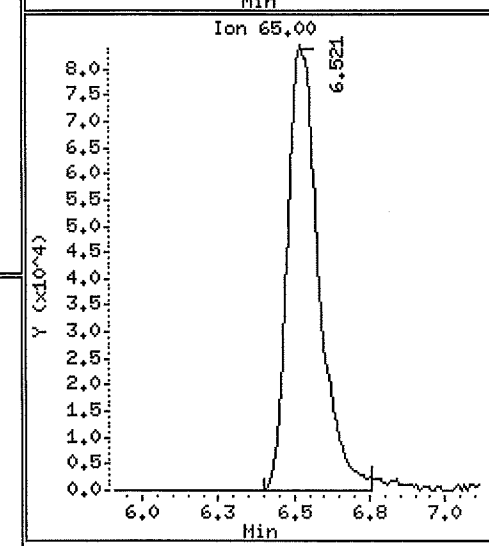












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12862.D

Date : 09-OCT-2000 16:18

Client ID: D12762

Instrument: md.i

Sample Info: DLC8R101,,2,,0,1,0,8260BDA.M,D12762

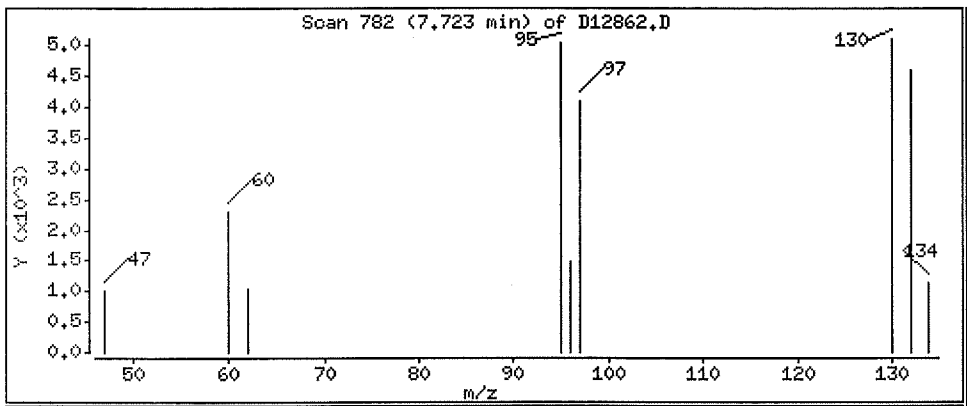
Operator: GFB

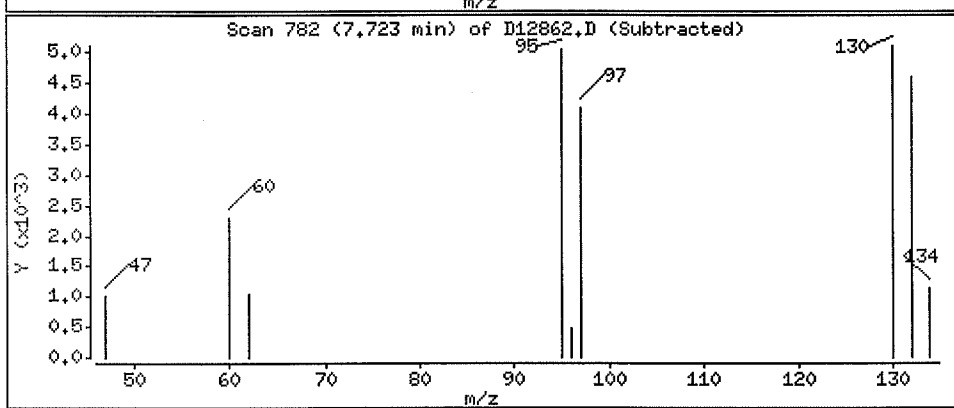
Column phase: J&W DB-624

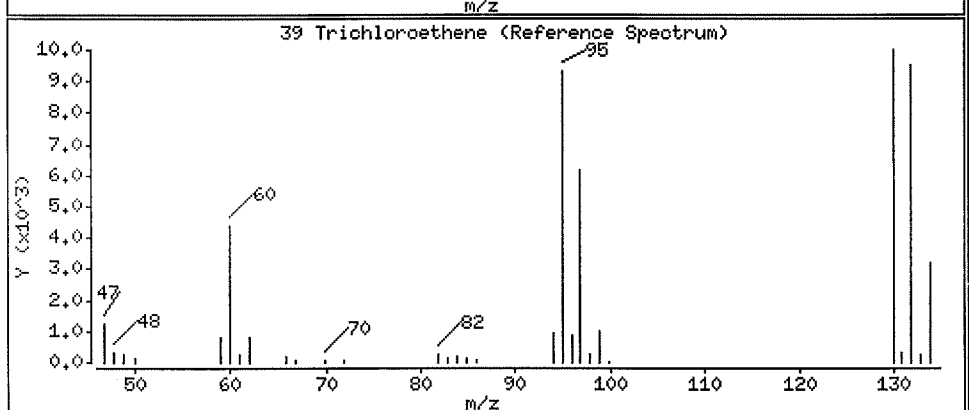
Column diameter: 0.53

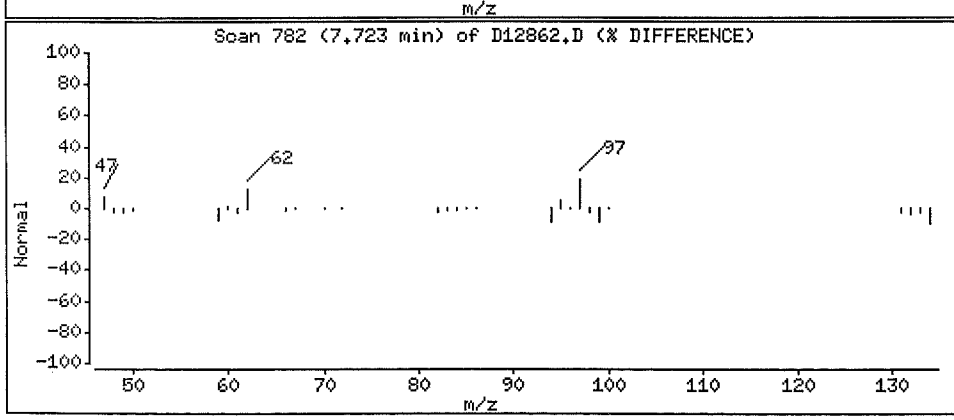
39 Trichloroethene

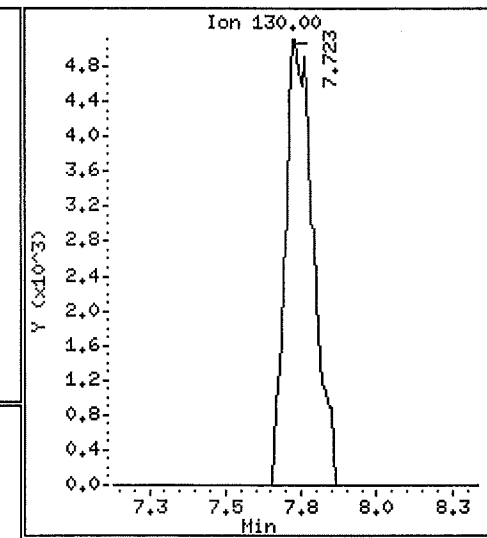
Concentration: 2.46 ug/Kg

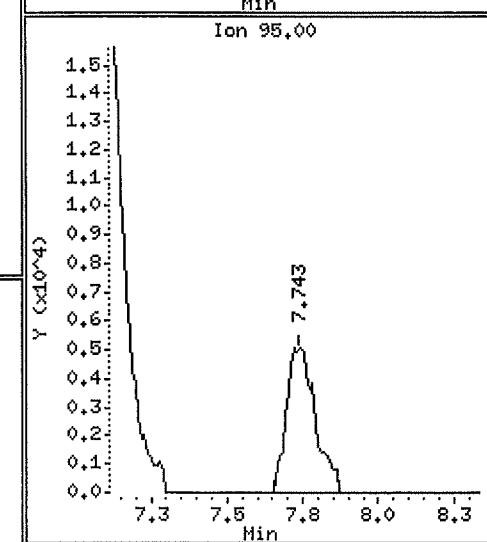


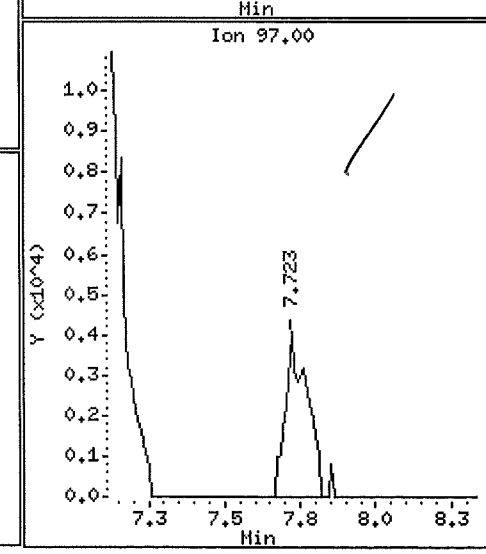












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12862.D

Date : 09-OCT-2000 16:18

Client ID: D12762

Instrument: md.i

Sample Info: DLC8R101,,2,,0,1,0,8260BDA.M,D12762

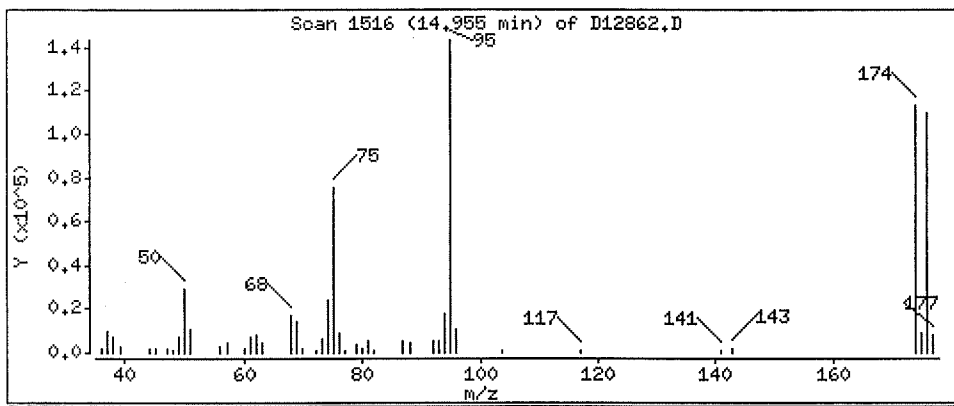
Operator: GFB

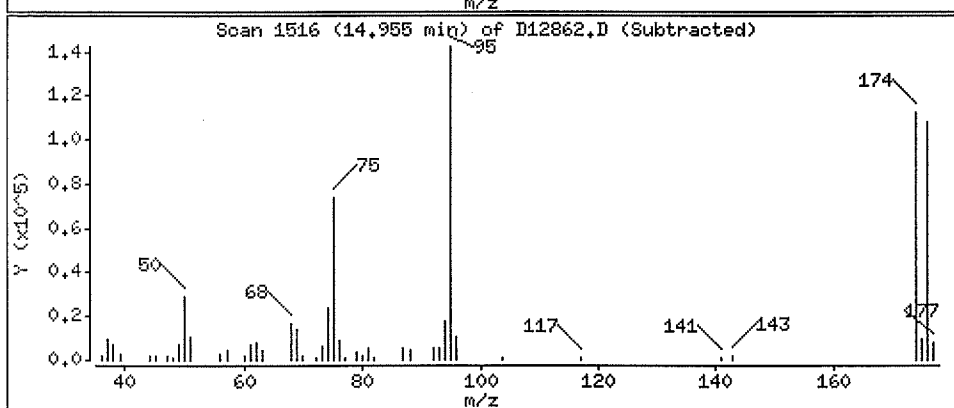
Column phase: J&W DB-624

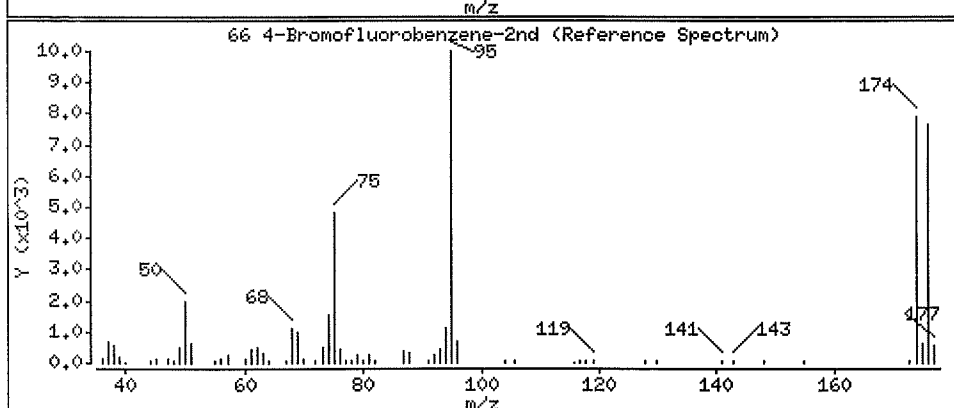
Column diameter: 0.53

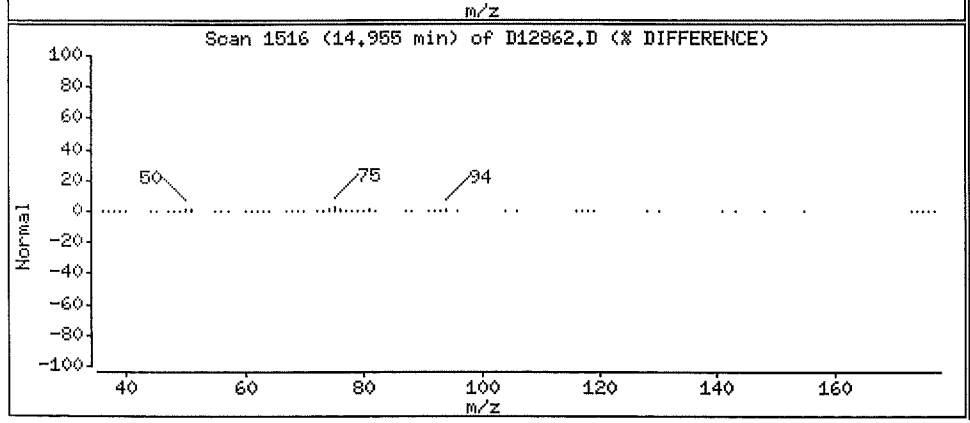
66 4-Bromofluorobenzene-2nd

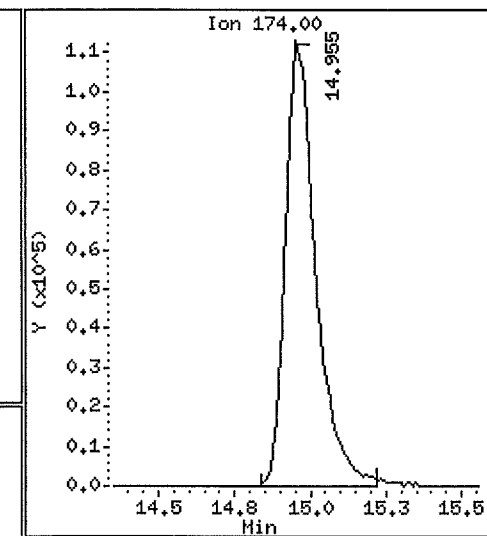
Concentration: 45.91 ug/Kg

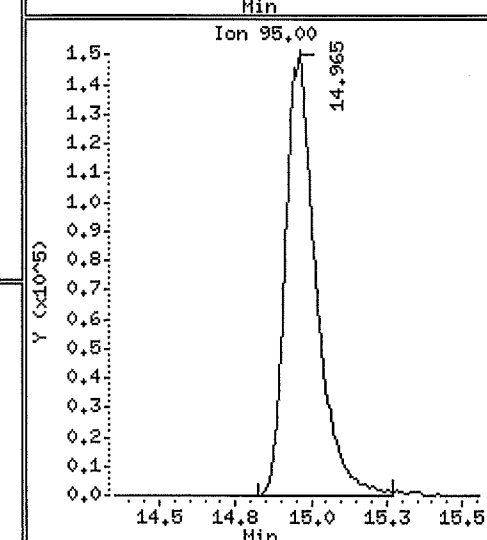


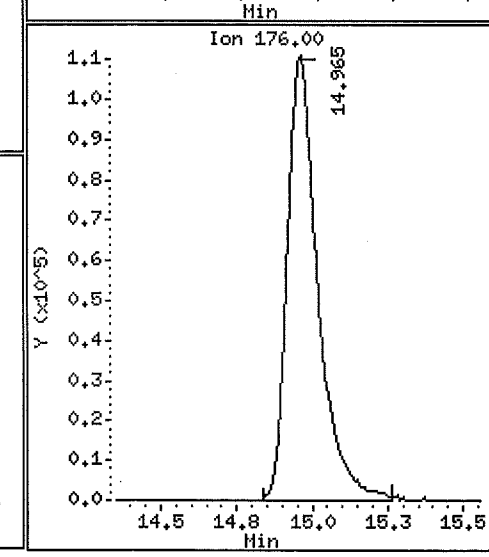












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12862.D

Date : 09-OCT-2000 16:18

Client ID: D12762

Instrument: md.i

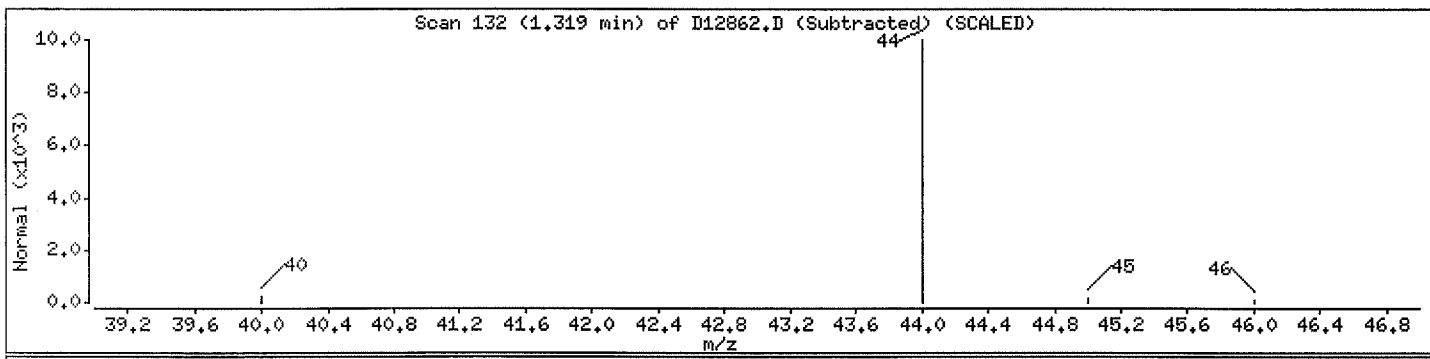
Sample Info: DLC8R101,,2,,0,1,0,8260BDA.M,D12762

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



LOV

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12863.D
Lab Smp Id: DLC8T101 Client Smp ID: D12763
Inj Date : 09-OCT-2000 16:50
Operator : GFB Inst ID: md.i
Smp Info : DLC8T101,,2,,0,1,0,8260BDA.M,D12763
Misc Info : 371-37,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.990	5.976	(0.843)	874217	45.6731	45.67
$ 33 1,2-Dichloroethane-d4	65	6.522	6.518	(0.918)	581725	45.0263	45.03
34 1,2-Dichloroethane-d4 2nd	102	6.522	6.508	(0.918)	113922	43.7065	43.71
* 38 Fluorobenzene	96	7.103	7.090	(1.000)	1345673	50.0000	
39 Trichloroethene	130	7.734	7.730	(1.089)	97319	7.73786	7.74
$ 47 Toluene-d8	98	9.921	9.907	(0.786)	1226876	45.7825	45.78
* 56 Chlorobenzene-d5	117	12.620	12.607	(1.000)	1157593	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.955	14.952	(0.866)	731550	46.2559	46.26
$ 67 4-Bromofluorobenzene	95	14.955	14.942	(0.866)	982901	46.5646	46.56
* 79 1,4-Dichlorobenzene-d4	152	17.270	17.267	(1.000)	794261	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12863.D
Lab Smp Id: DLC8T101 Client Smp ID: D12763
Inj Date : 09-OCT-2000 16:50
Operator : GFB Inst ID: md.i
Smp Info : DLC8T101,,2,,0,1,0,8260BDA.M,D12763
Misc Info : 371-37,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.103	3135831	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.320	532422	8.48933209	8.49	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8T101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12763
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.320	8.49	J

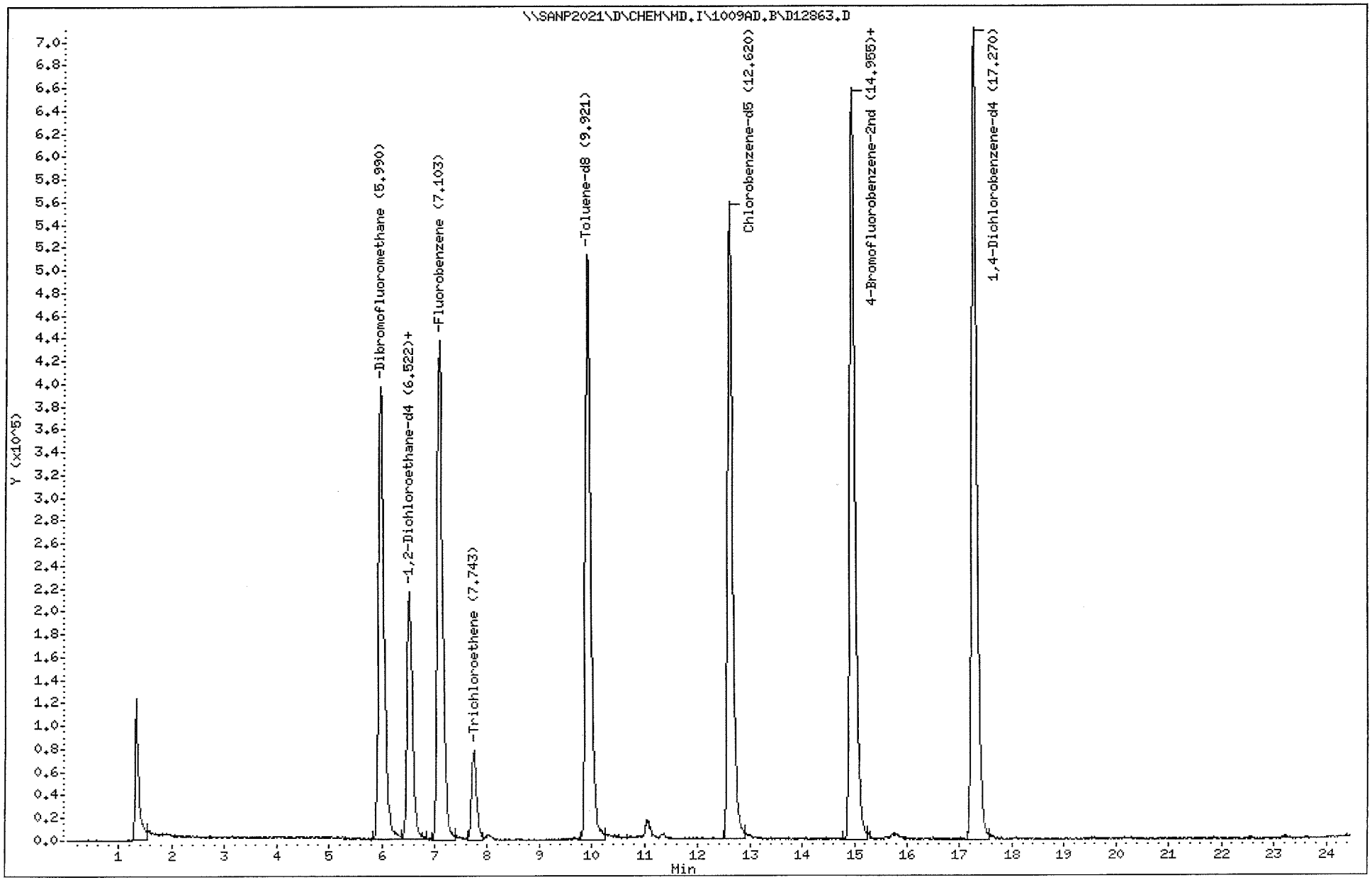
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12863.D
Date : 09-OCT-2000 16:50
Client ID: D12763
Sample Info: DLC8T101,,2,,0,1,0,8260BDA.M,D12763

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159281

000862

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12863.D

Date : 09-OCT-2000 16:50

Client ID: D12763

Instrument: md.i

Sample Info: DLC8T101,,2,,0,1,0,8260BDA.M,D12763

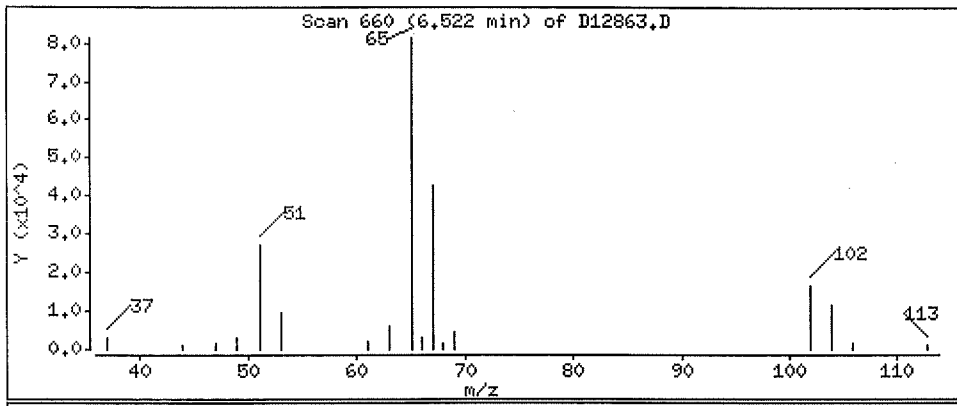
Operator: GFB

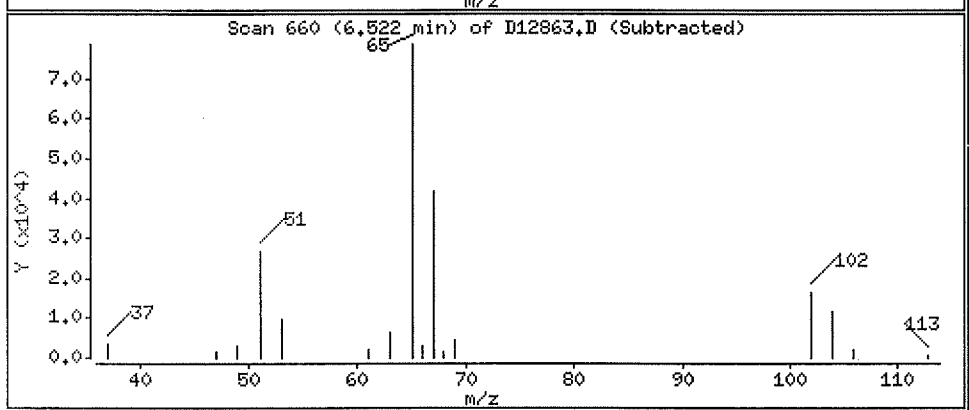
Column phase: J&W DB-624

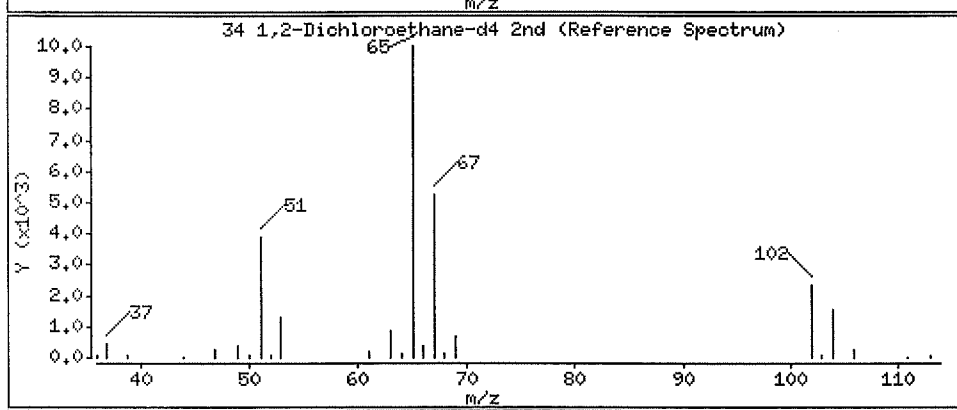
Column diameter: 0.53

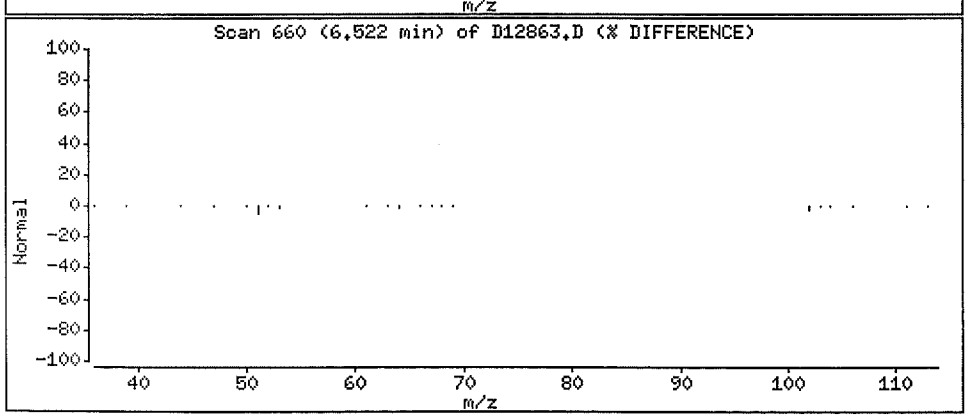
34 1,2-Dichloroethane-d4 2nd

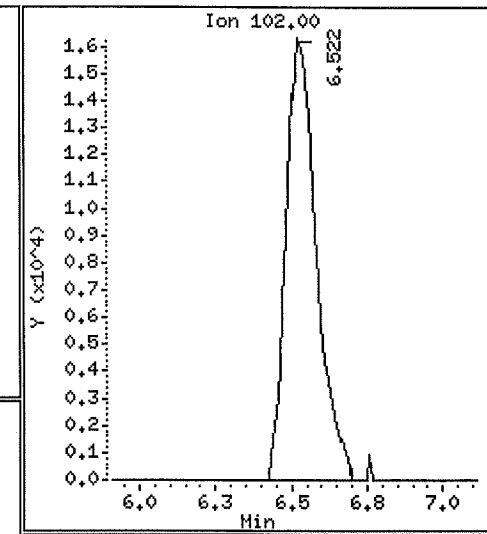
Concentration: 43.71 ug/Kg

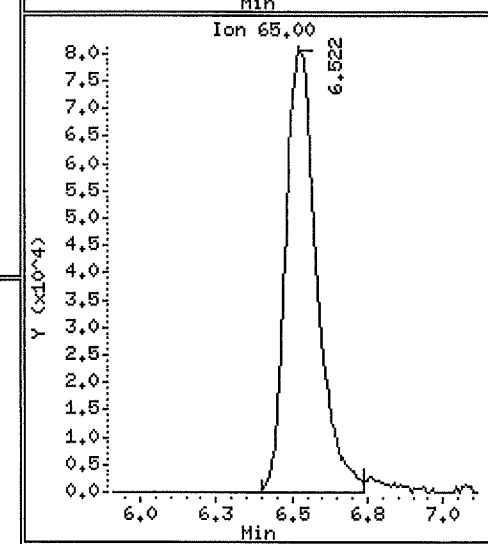












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12863.D

Date : 09-OCT-2000 16:50

Client ID: D12763

Instrument: md.i

Sample Info: DLC8T101,,2,,0,1,0,8260BDA.M,D12763

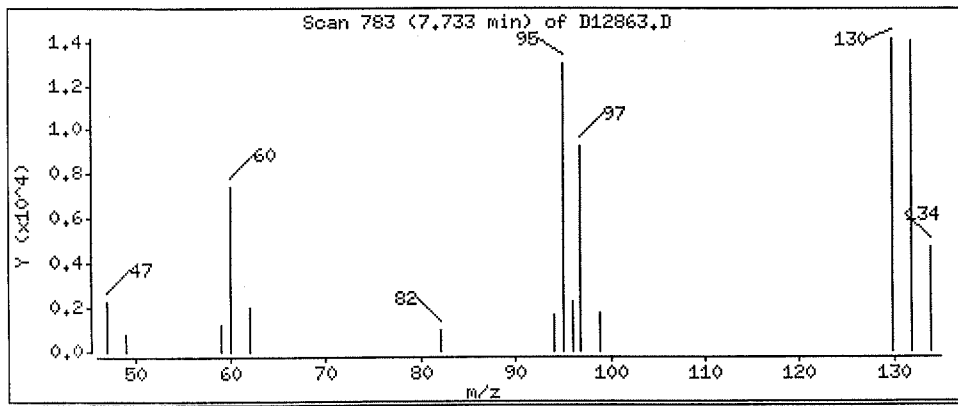
Operator: GFB

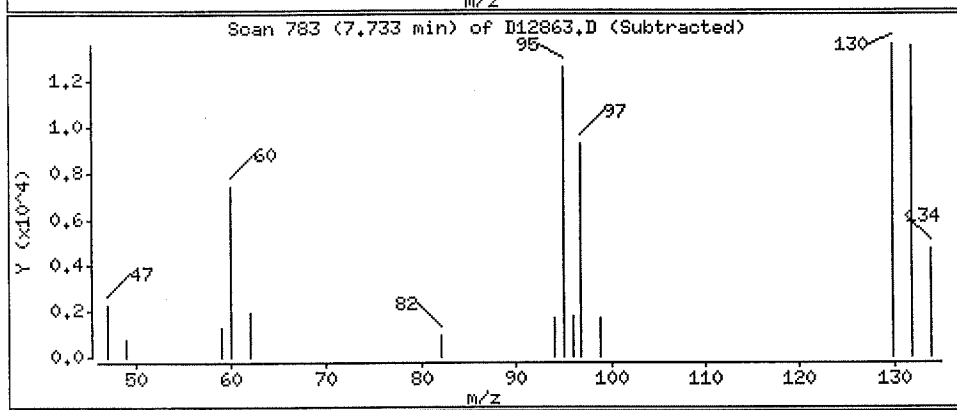
Column phase: J&W DB-624

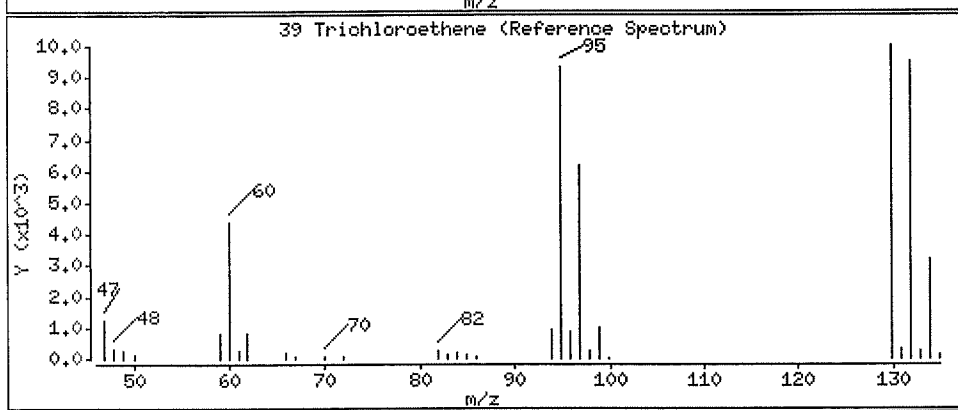
Column diameter: 0.53

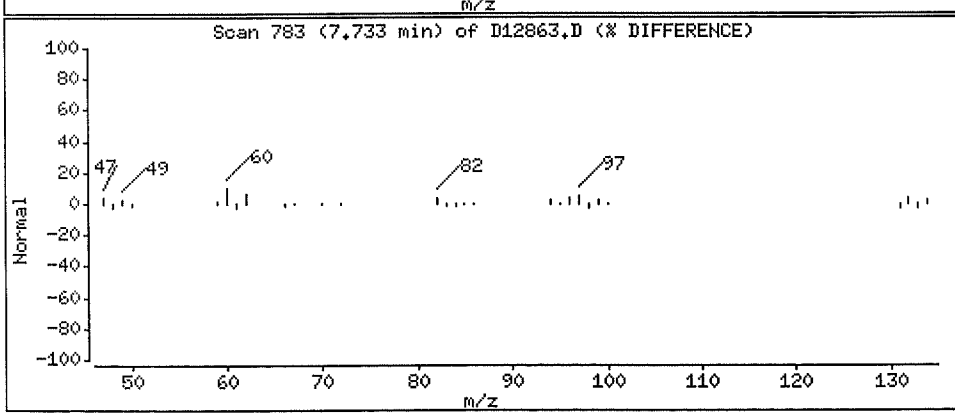
39 Trichloroethene

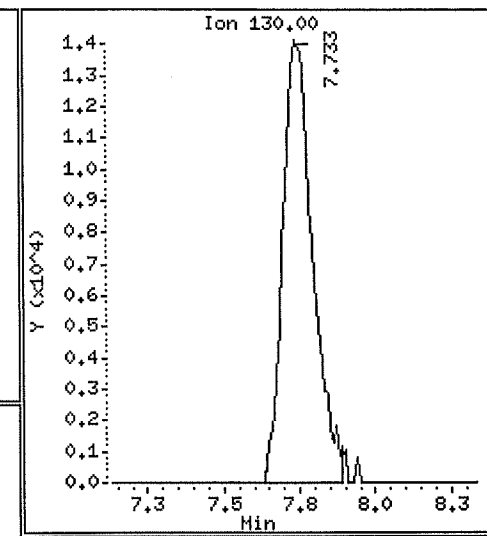
Concentration: 7.74 ug/Kg

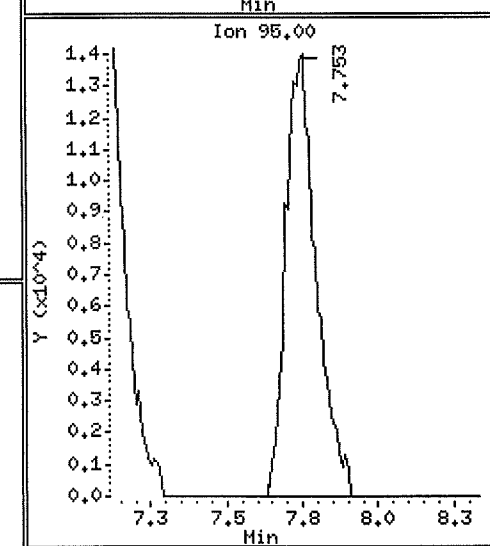


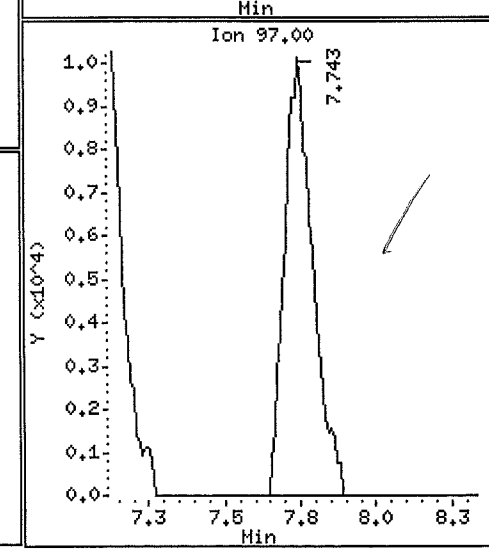












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12863.D

Date : 09-OCT-2000 16:50

Client ID: D12763

Instrument: md.i

Sample Info: DLC8T101,,2,,0,1,0,8260BDA,M,D12763

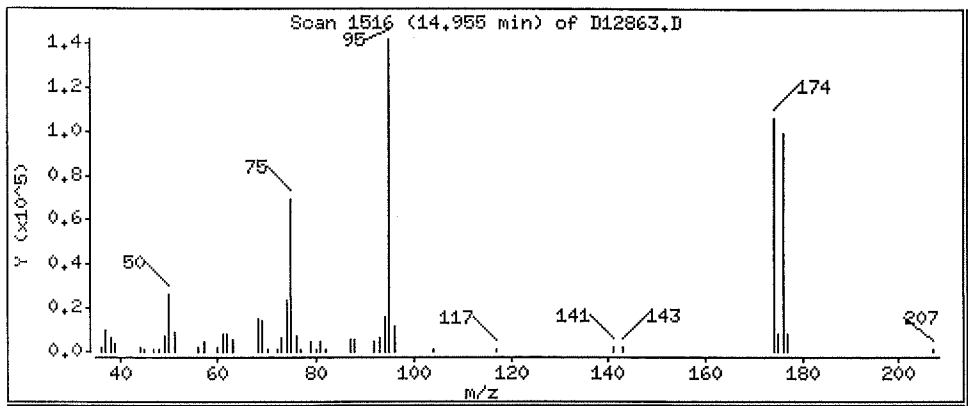
Operator: GFB

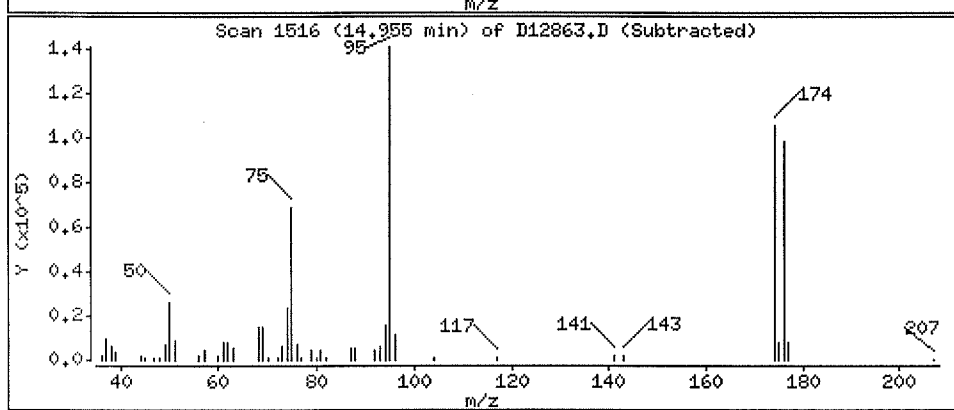
Column phase: J&W DB-624

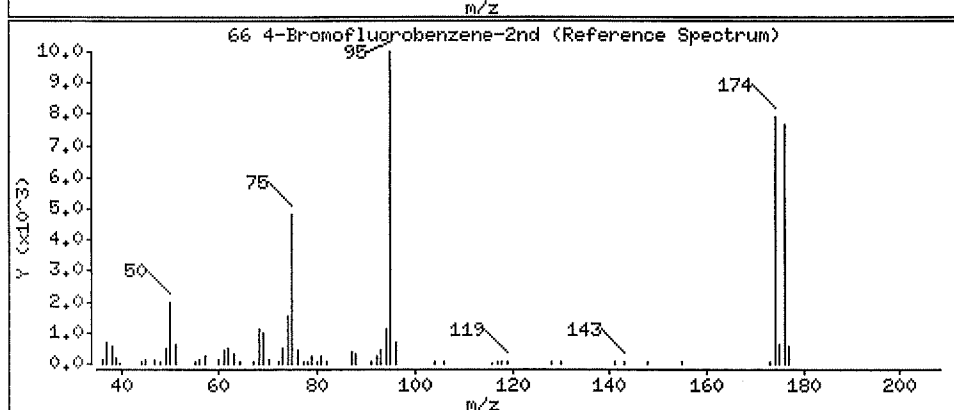
Column diameter: 0.53

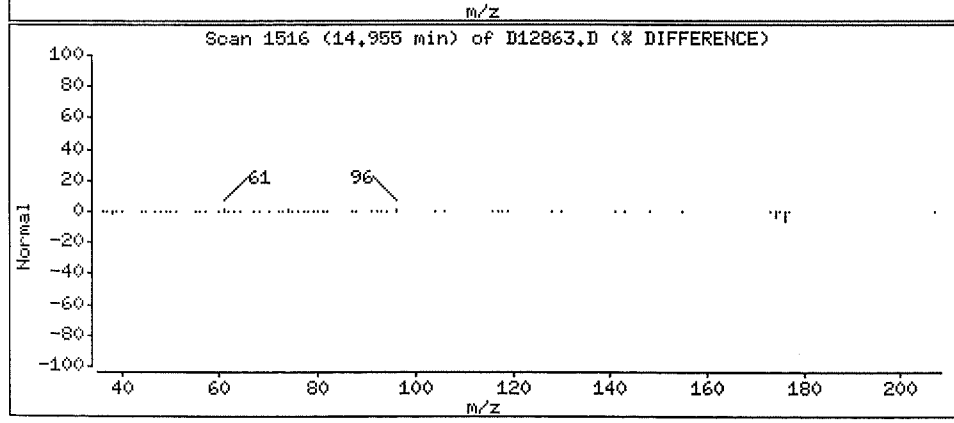
66 4-Bromofluorobenzene-2nd

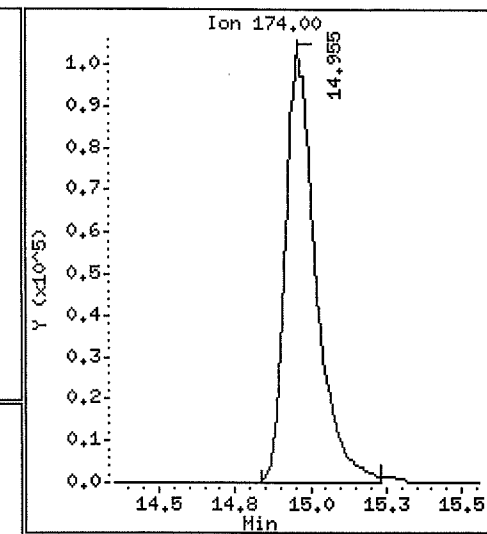
Concentration: 46.26 ug/Kg

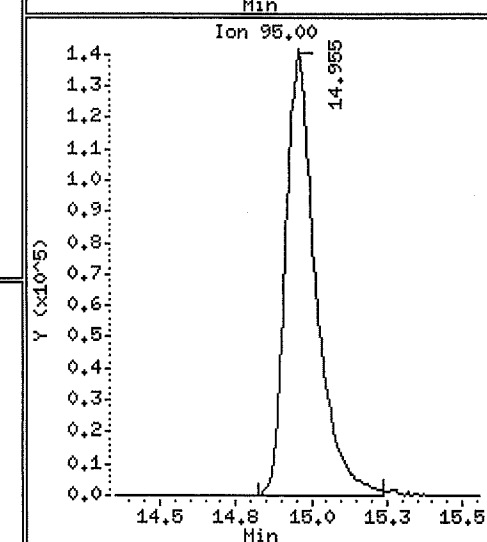


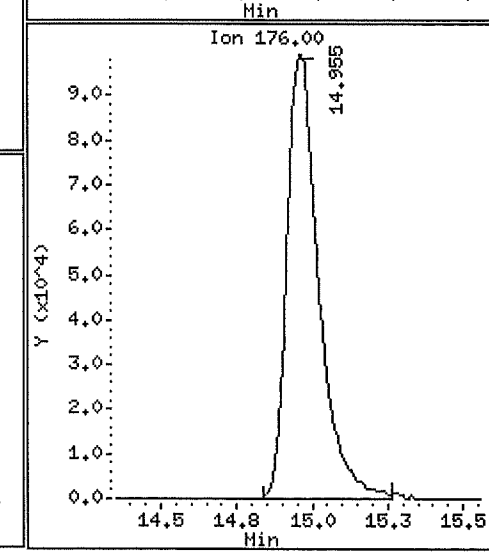












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12863.D

Date : 09-OCT-2000 16:50

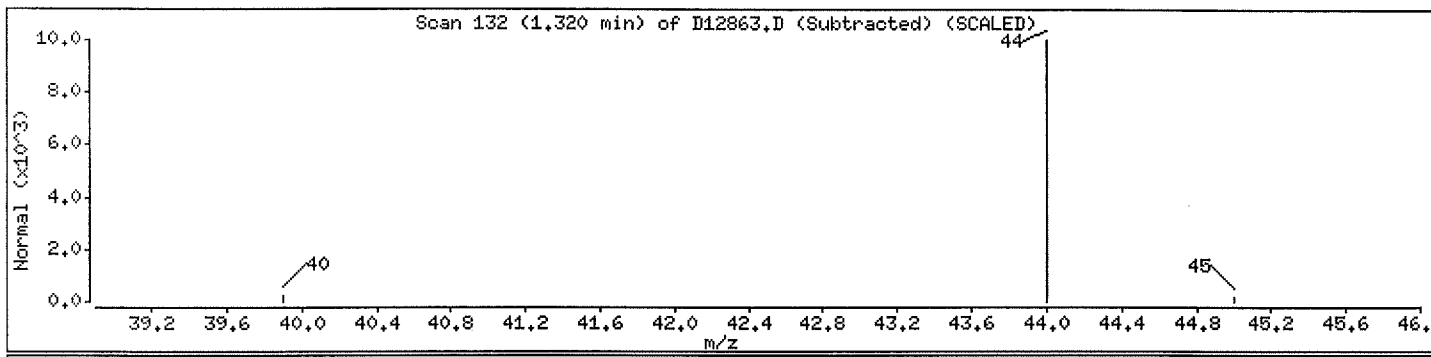
Client ID: D12763 Instrument: md.i

Sample Info: DLC8T101,,2,,0,1,0,8260BDA.M,D12763

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12864.D
Lab Smp Id: DLC8V101 Client Smp ID: D12764
Inj Date : 09-OCT-2000 17:21
Operator : GFB Inst ID: md.i
Smp Info : DLC8V101,,2,,0,1,0,8260BDA.M,D12764
Misc Info : 371-38,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.986	5.976	(0.843)	871726	46.5717	46.57
$ 33 1,2-Dichloroethane-d4	65	6.528	6.518	(0.920)	581497	46.0254	46.02
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.508	(0.918)	110163	43.2190	43.22
* 38 Fluorobenzene	96	7.099	7.090	(1.000)	1315947	50.0000	
39 Trichloroethene	130	7.749	7.730	(1.092)	252360	20.5184	20.52
$ 47 Toluene-d8	98	9.917	9.907	(0.786)	1215453	45.1698	45.17
* 56 Chlorobenzene-d5	117	12.616	12.607	(1.000)	1162372	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.961	14.952	(0.866)	744236	46.2419	46.24
$ 67 4-Bromofluorobenzene	95	14.961	14.942	(0.866)	994762	46.3091	46.31
* 79 1,4-Dichlorobenzene-d4	152	17.276	17.267	(1.000)	808280	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12864.D
Lab Smp Id: DLC8V101 Client Smp ID: D12764
Inj Date : 09-OCT-2000 17:21
Operator : GFB Inst ID: md.i
Smp Info : DLC8V101,,2,,0,1,0,8260BDA.M,D12764
Misc Info : 371-38,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.099	3099846	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	534251	8.61738075	8.62	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8V101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12764
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown 102	1.326	8.62	_J__

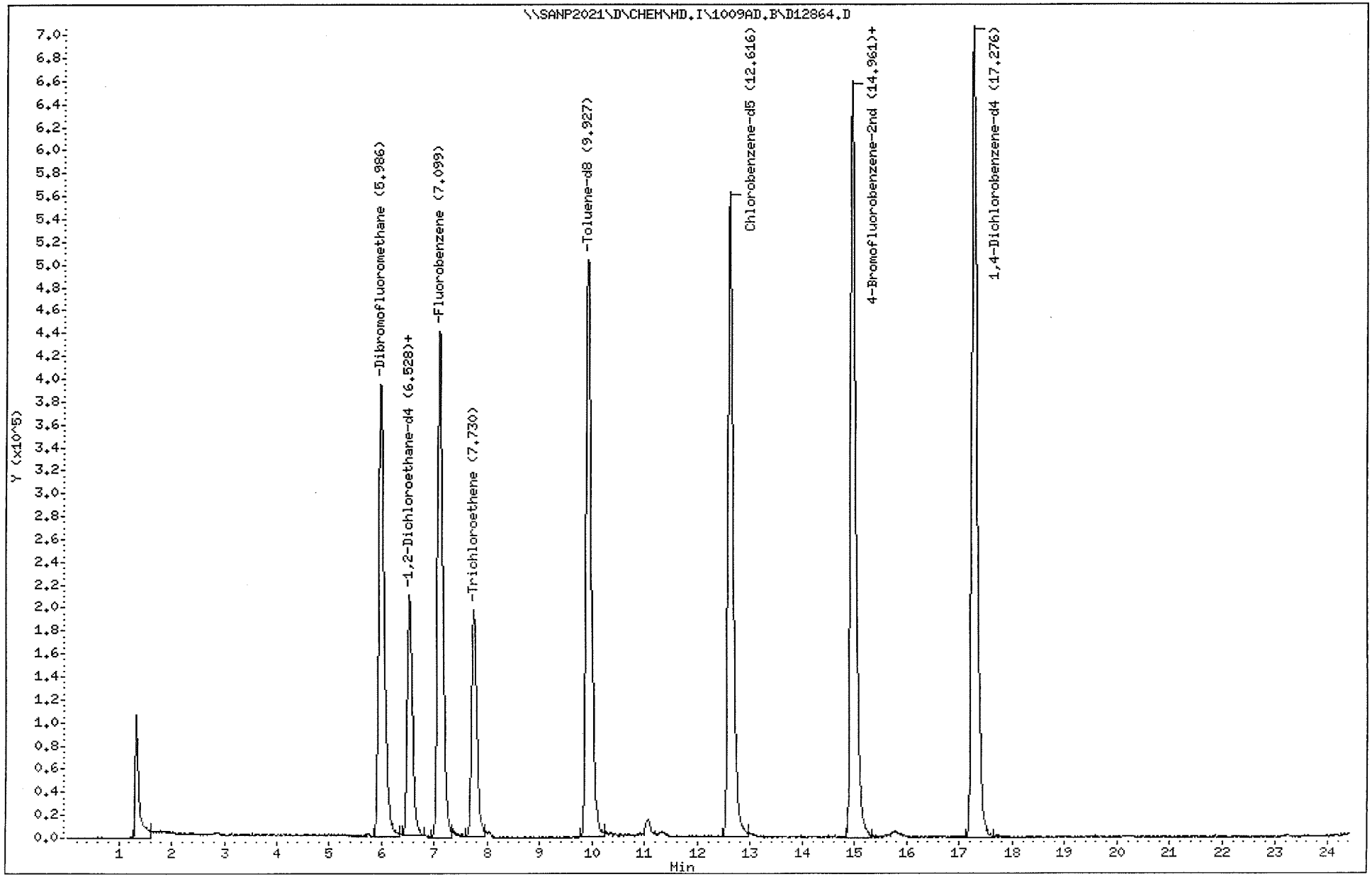
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12864.D
Date : 09-OCT-2000 17:21
Client ID: D12764
Sample Info: DLC8V101,,2,,0,1,0,8260BDA.M,D12764

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159290

000871

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12864.D

Date : 09-OCT-2000 17:21

Client ID: D12764

Instrument: md.i

Sample Info: DLC8V101,,2,,0,1,0,8260BDA.M,D12764

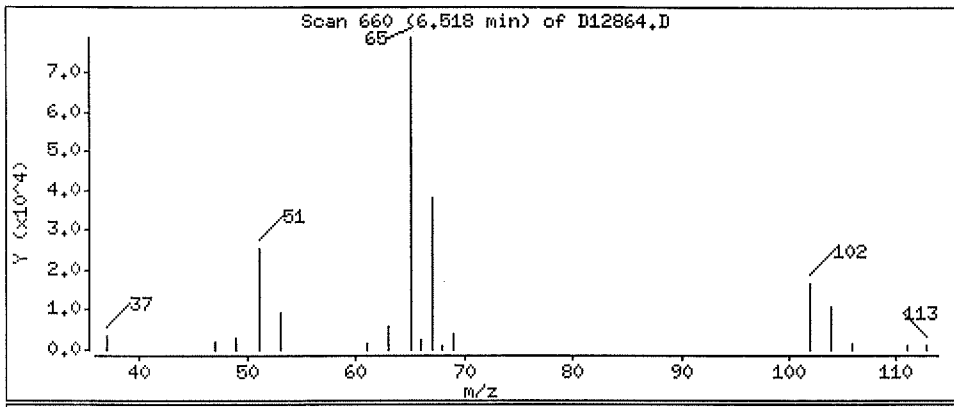
Operator: GFB

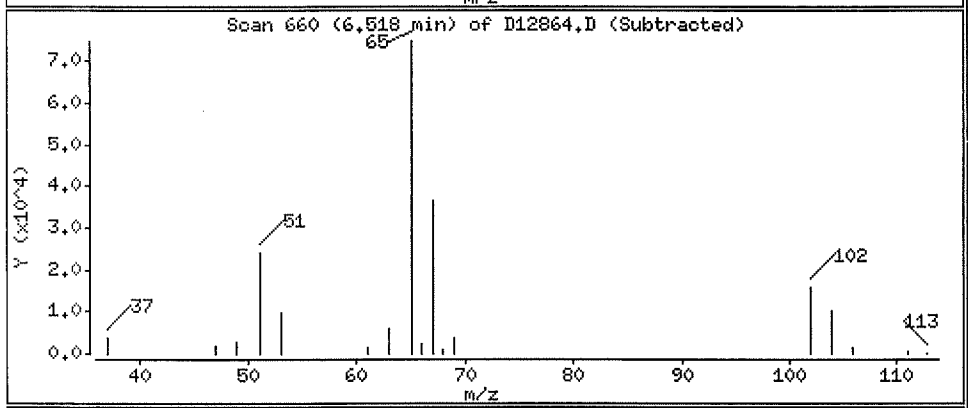
Column phase: J&W DB-624

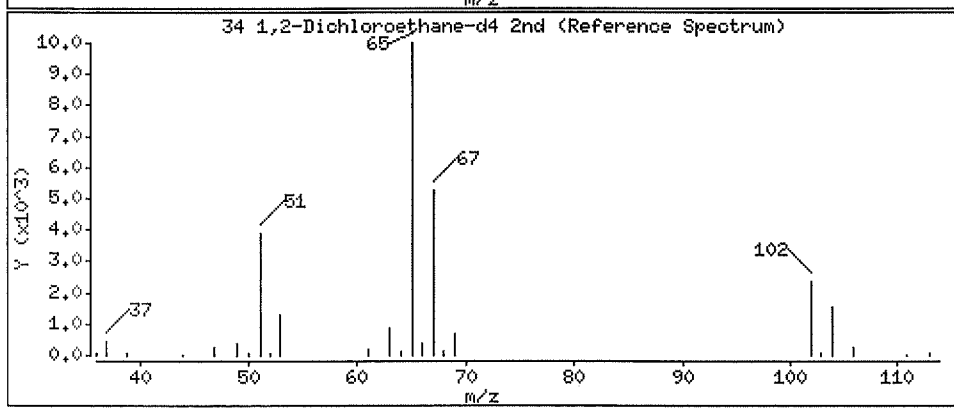
Column diameter: 0.53

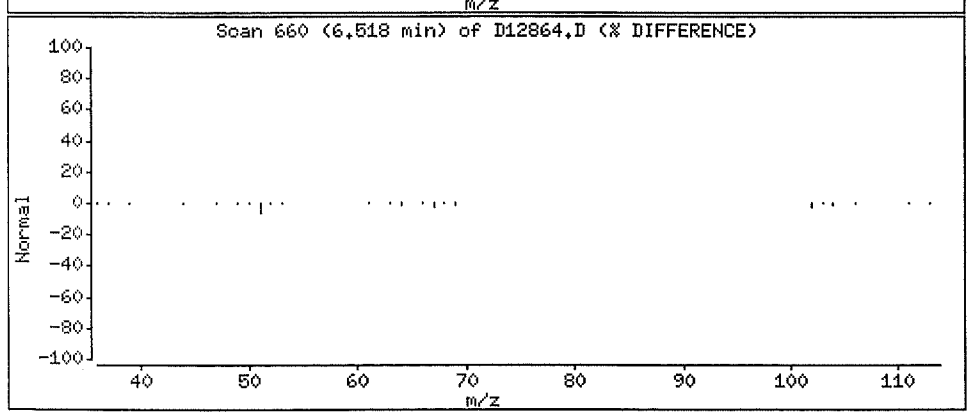
34 1,2-Dichloroethane-d4 2nd

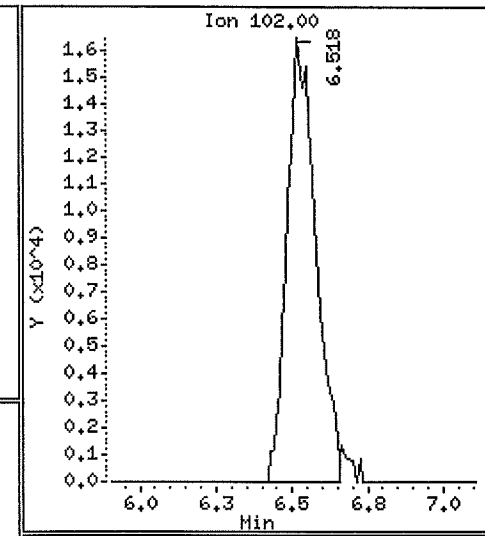
Concentration: 43.22 ug/Kg

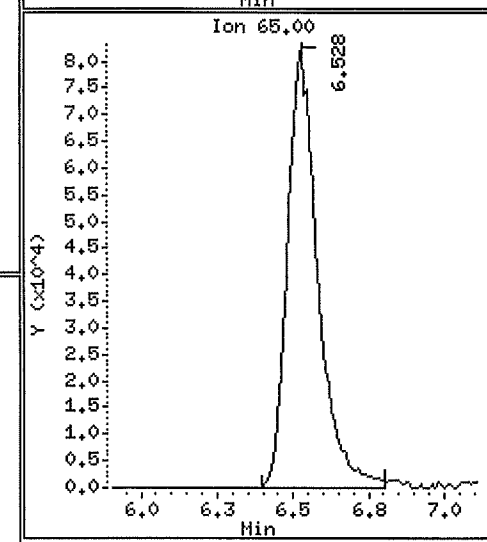












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12864.D

Date : 09-OCT-2000 17:21

Client ID: D12764

Instrument: md.i

Sample Info: DLC8W101,,2,,0,1,0,8260BDA.M,D12764

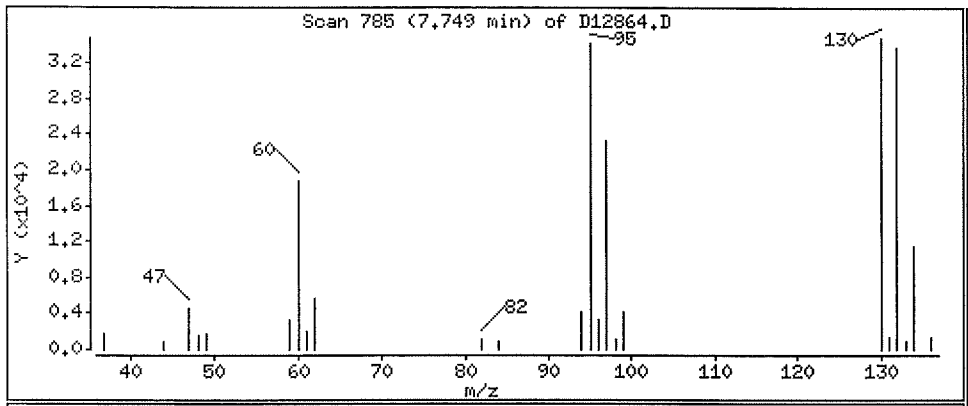
Operator: GFB

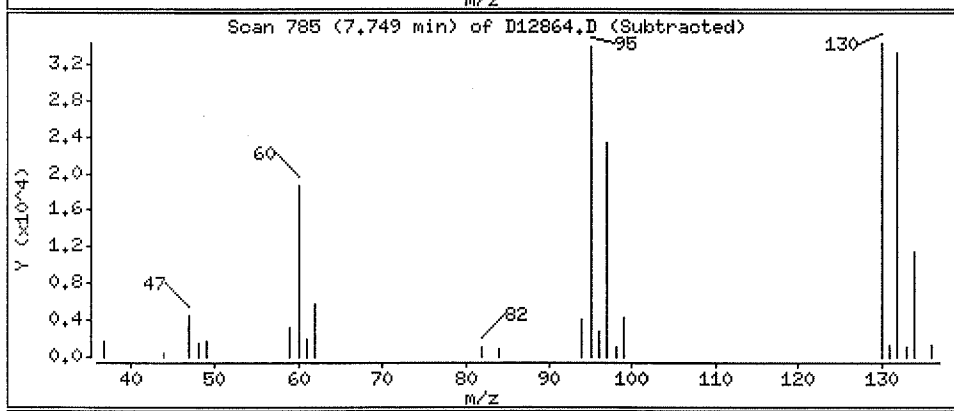
Column phase: J&W DB-624

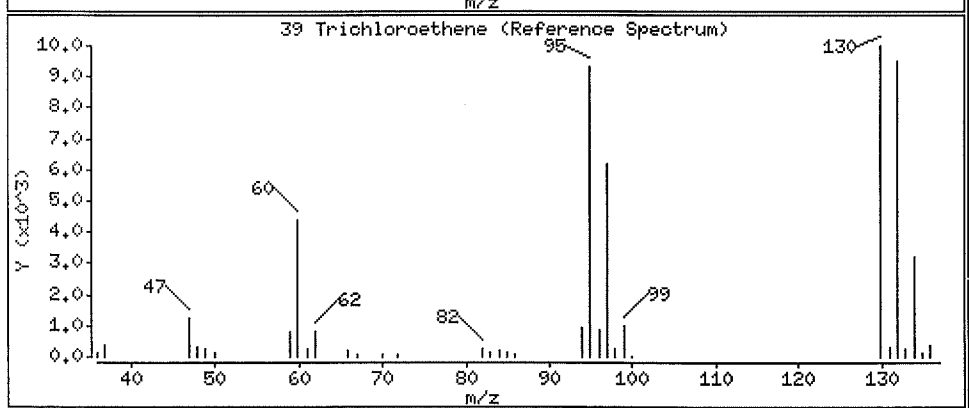
Column diameter: 0.53

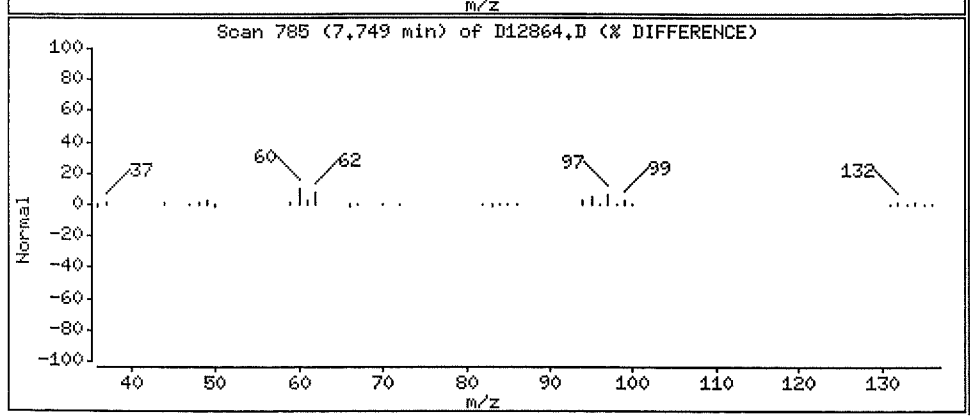
39 Trichloroethene

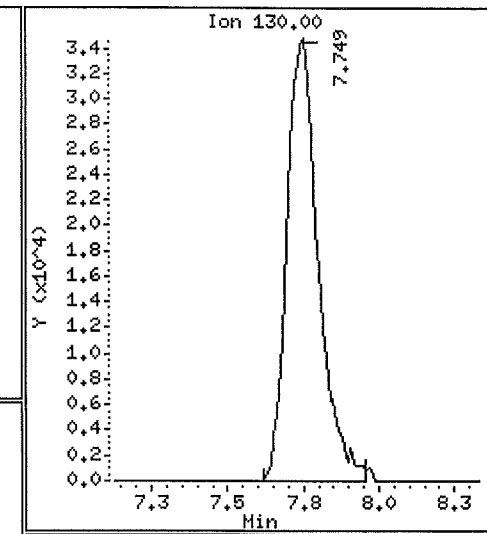
Concentration: 20.52 ug/Kg

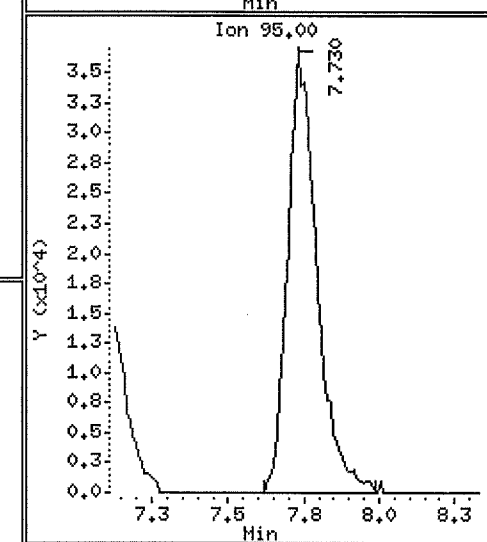


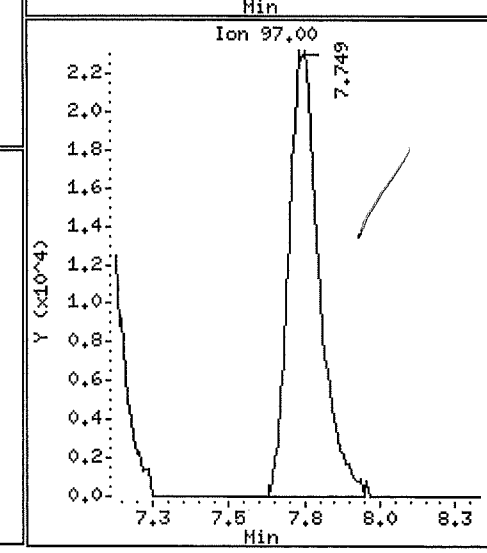












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12864.D

Date : 09-OCT-2000 17:21

Client ID: D12764

Instrument: md.i

Sample Info: DLC8V101,,2,,0,1,0,8260BDA.M,D12764

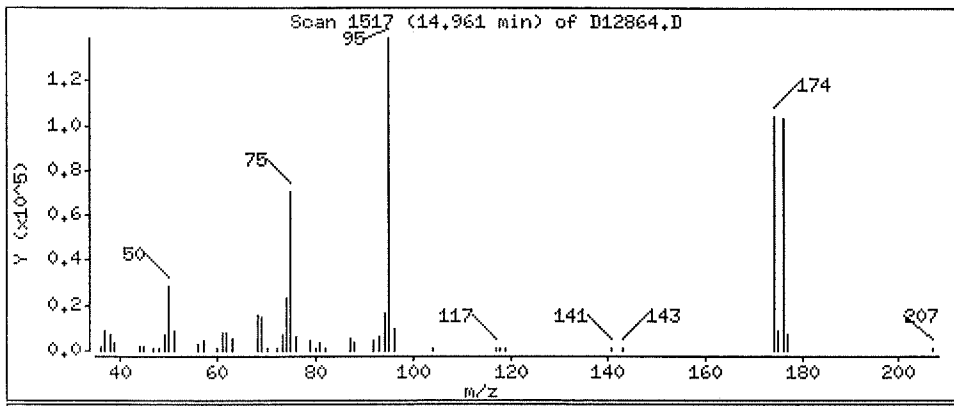
Operator: GFB

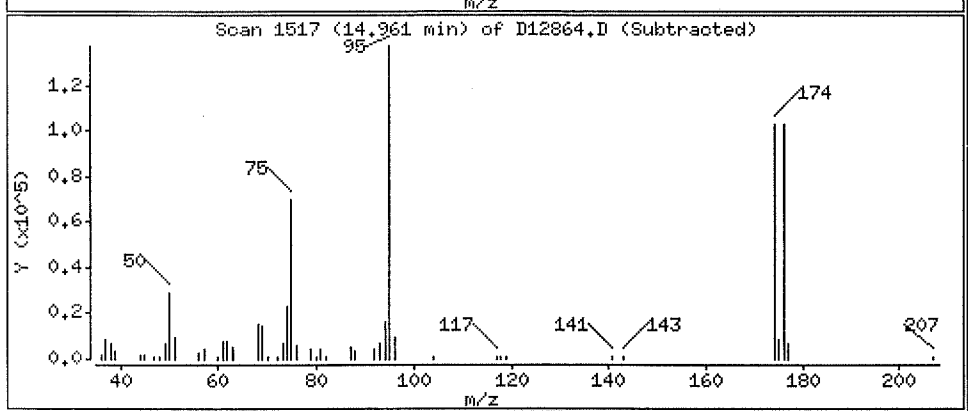
Column phase: J&W DB-624

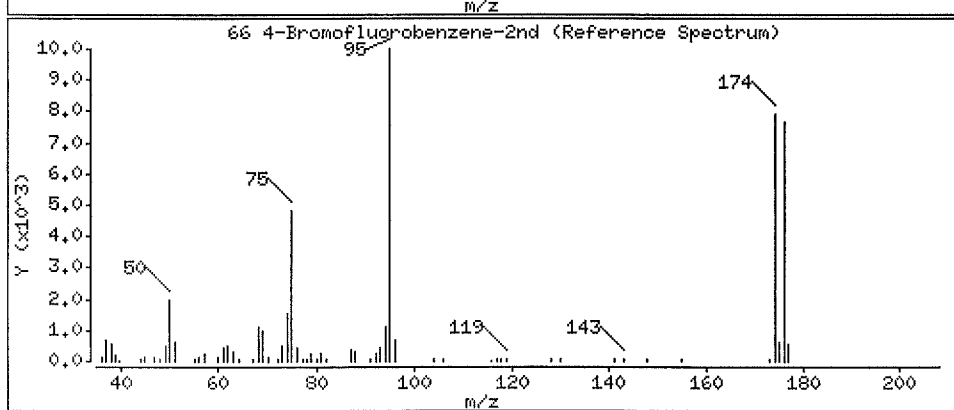
Column diameter: 0.53

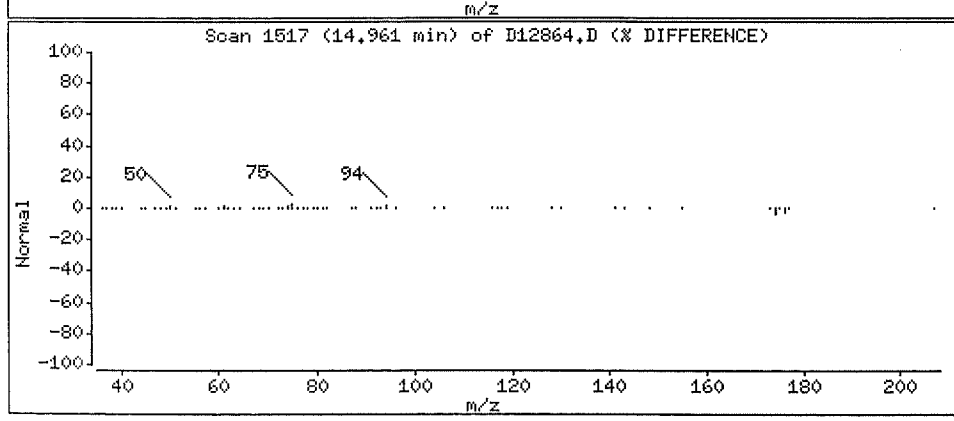
66 4-Bromofluorobenzene-2nd

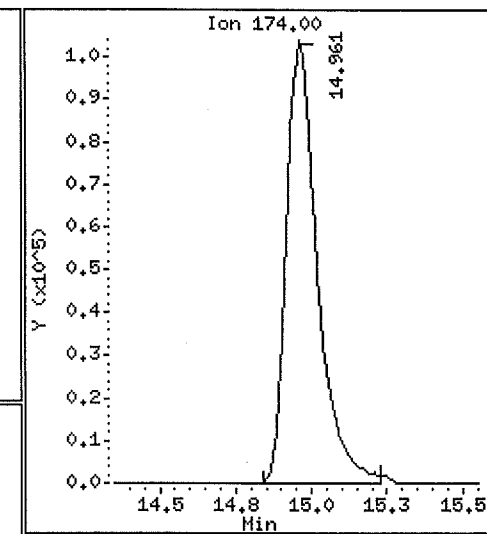
Concentration: 46.24 ug/Kg

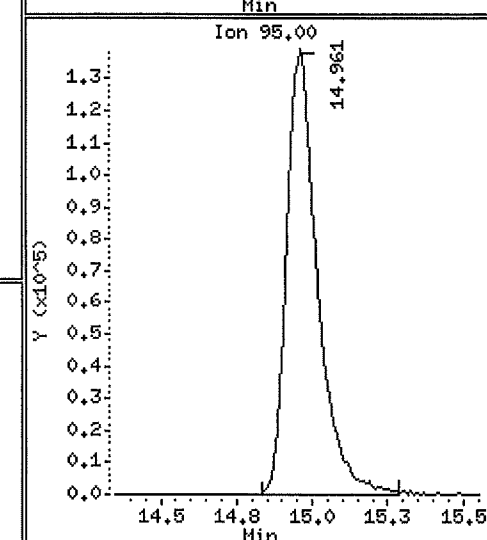


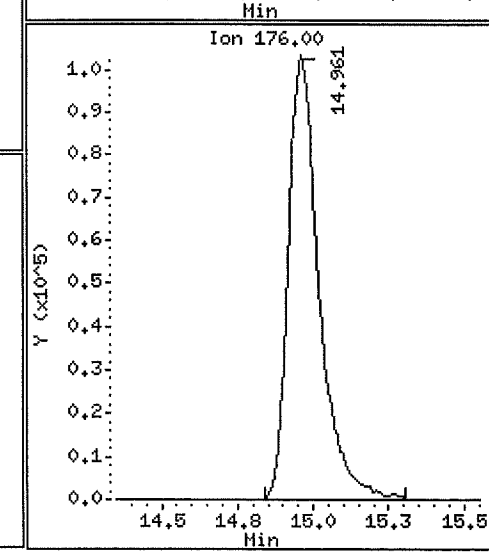












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12864.D

Date : 09-OCT-2000 17:21

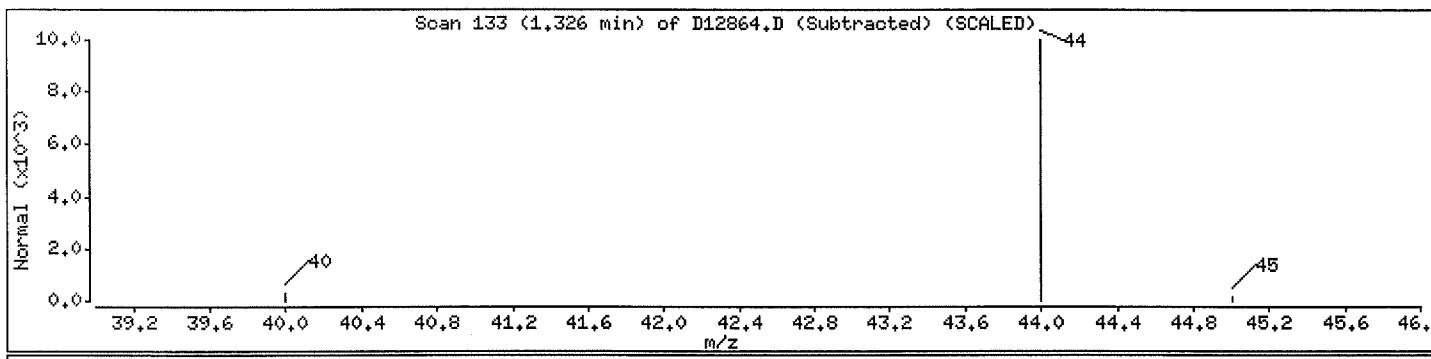
Client ID: D12764 Instrument: md.i

Sample Info: DLC8V101,,2,,0,1,0,8260BDA.M,D12764

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



02

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12867.D
Lab Smp Id: DLC91101 Client Smp ID: D12767
Inj Date : 09-OCT-2000 18:56
Operator : GFB Inst ID: md.i
Smp Info : DLC91101,,2,,0,1,0,8260BDA.M,D12767
Misc Info : 371-41,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.987	5.976	(0.844)	891414	47.1700	47.17
$ 33 1,2-Dichloroethane-d4	65	6.529	6.518	(0.921)	611462	47.9361	47.94
34 1,2-Dichloroethane-d4 2nd	102	6.539	6.508	(0.922)	119815	46.5582	46.56
* 38 Fluorobenzene	96	7.090	7.090	(1.000)	1328602	50.0000	
39 Trichloroethene	130	7.741	7.730	(1.092)	25815	2.07894	2.08(a)
$ 47 Toluene-d8	98	9.918	9.907	(0.786)	1209947	44.6349	44.63
* 56 Chlorobenzene-d5	117	12.618	12.607	(1.000)	1170971	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.953	14.952	(0.866)	777871	46.1898	46.19
$ 67 4-Bromofluorobenzene	95	14.953	14.942	(0.866)	1033398	45.9757	45.98
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.267	(1.000)	845762	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12867.D
Lab Smp Id: DLC91101 Client Smp ID: D12767
Inj Date : 09-OCT-2000 18:56
Operator : GFB Inst ID: md.i
Smp Info : DLC91101,,2,,0,1,0,8260BDA.M,D12767
Misc Info : 371-41,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.091	3043175	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	527820	8.67219096	8.67	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC91101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12767
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown OV	1.317	8.67	J

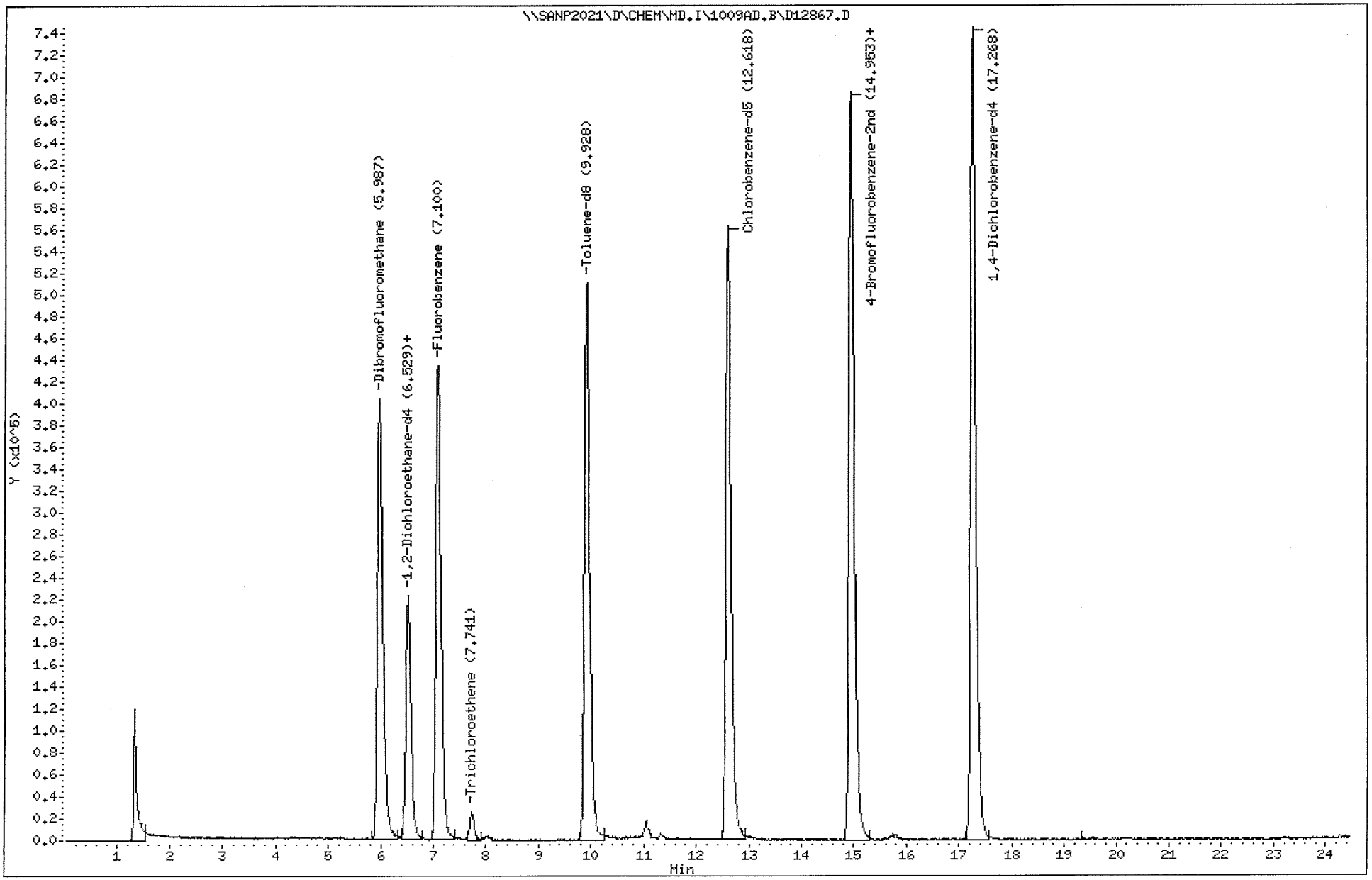
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12867.D
Date : 09-OCT-2000 18:56
Client ID: D12767
Sample Info: DLC91101,,2,,0,1,0,8260BDA.M,D12767

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000880

BOE-C6-0159299

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12867.D

Date : 09-OCT-2000 18:56

Client ID: D12767

Instrument: md.i

Sample Info: DLC91101,,2,,0,1,0,8260BDA.M,D12767

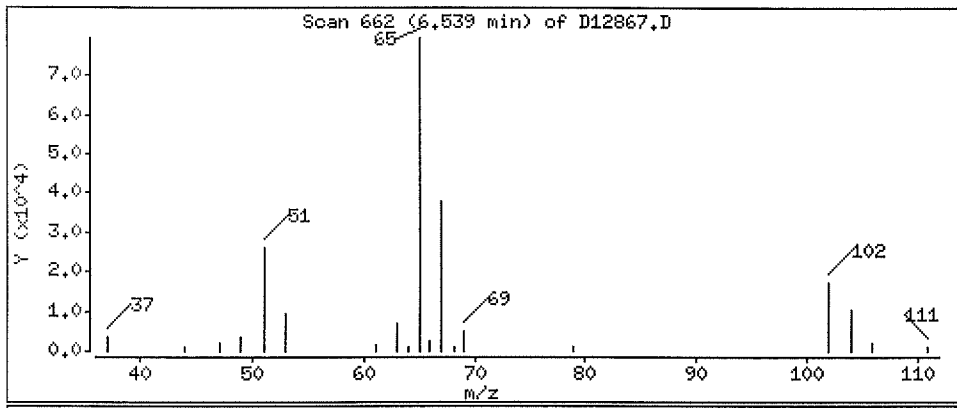
Operator: GFB

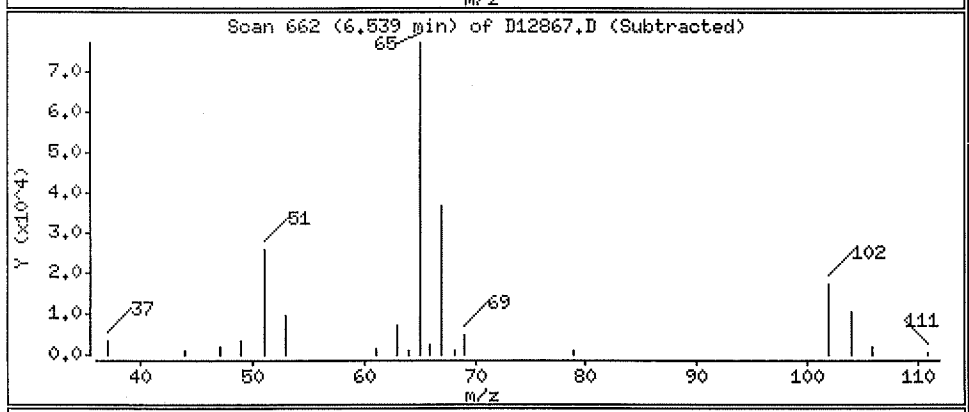
Column phase: J&W DB-624

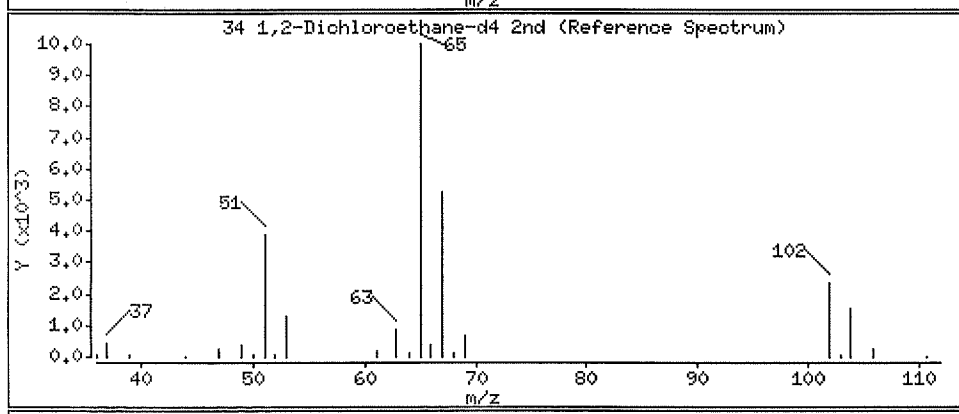
Column diameter: 0.53

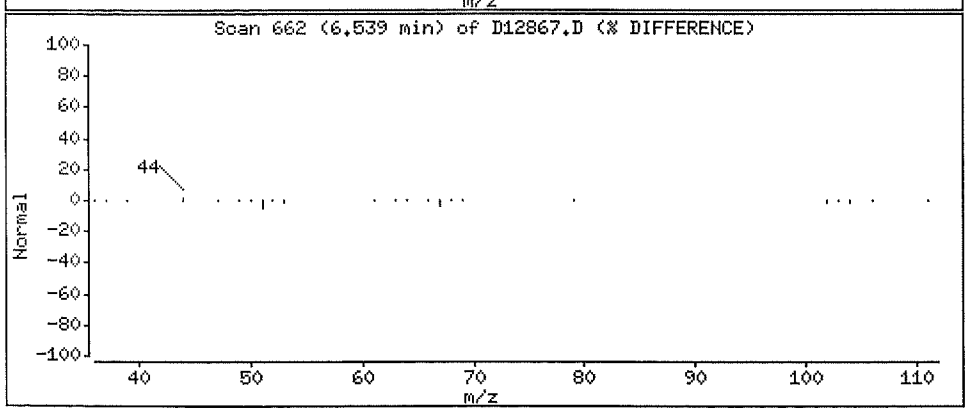
34 1,2-Dichloroethane-d4 2nd

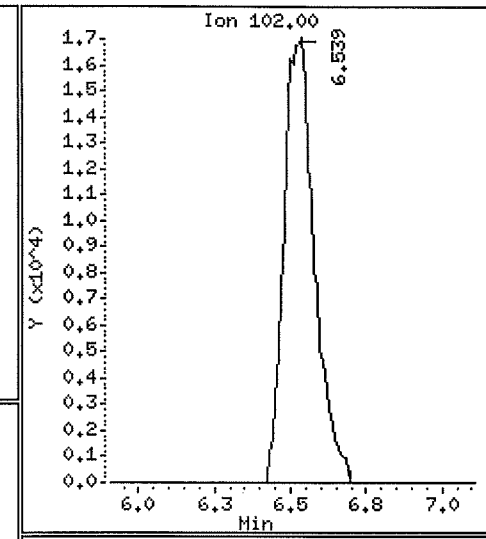
Concentration: 46.56 ug/Kg

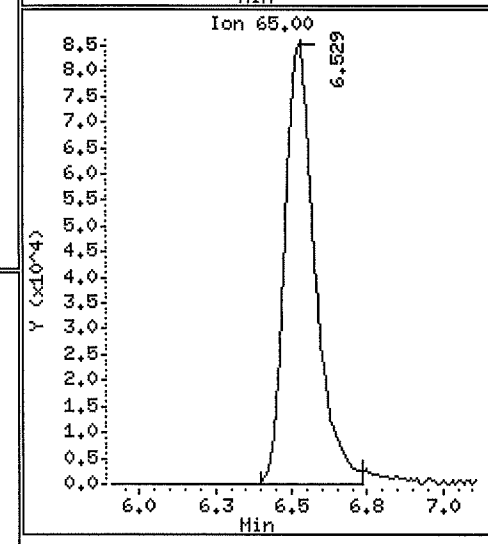












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12867.D

Date : 09-OCT-2000 18:56

Client ID: D12767

Instrument: md.i

Sample Info: DLC91101,,2,,0,1,0,8260BDA.M,D12767

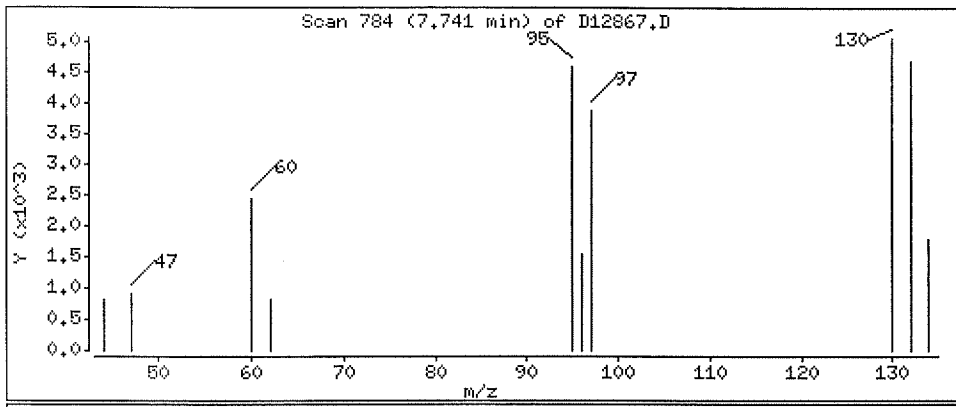
Operator: GFB

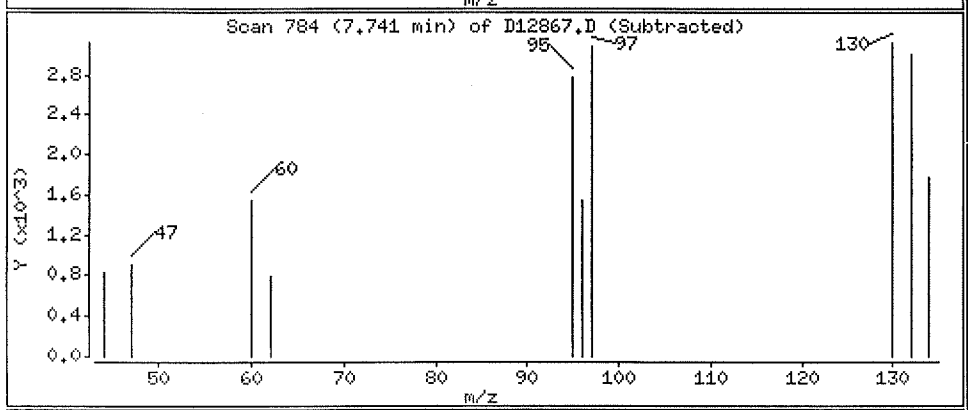
Column phase: J&W DB-624

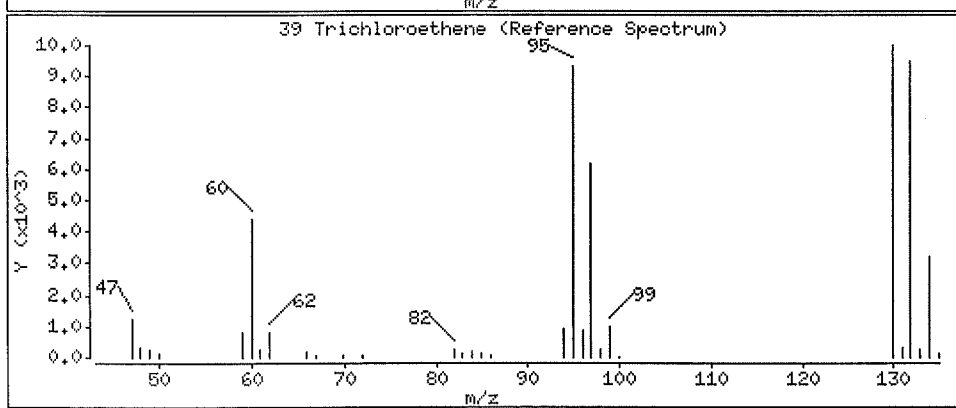
Column diameter: 0.53

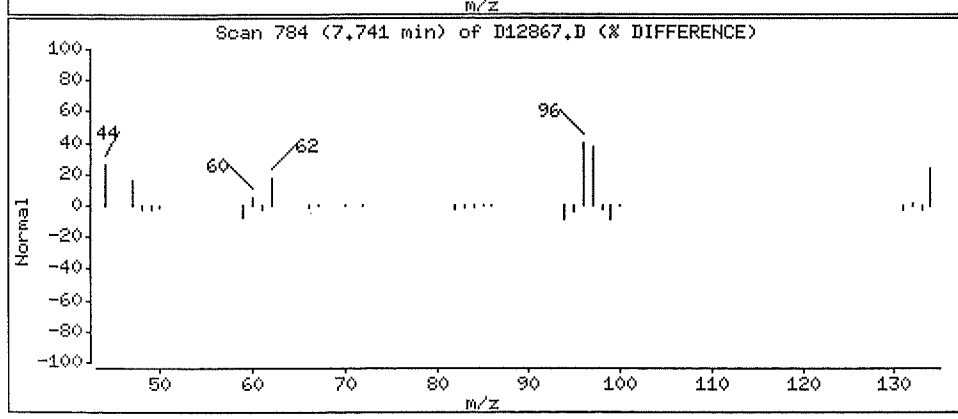
39 Trichloroethene

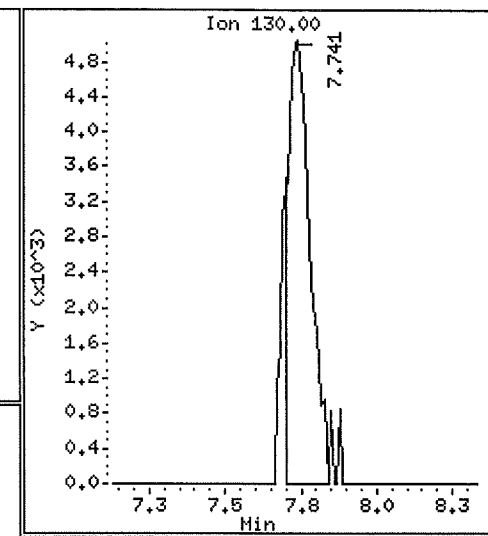
Concentration: 2.08 ug/Kg

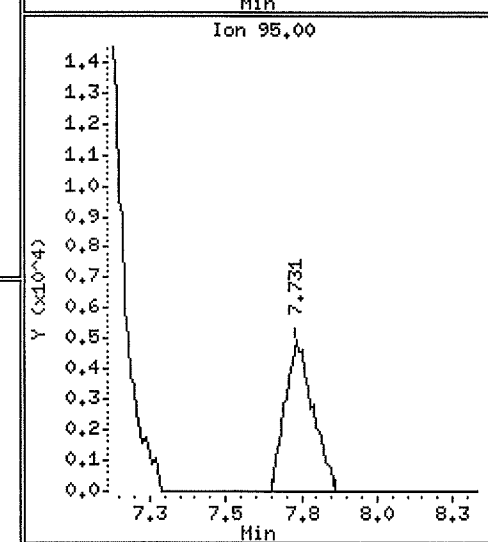


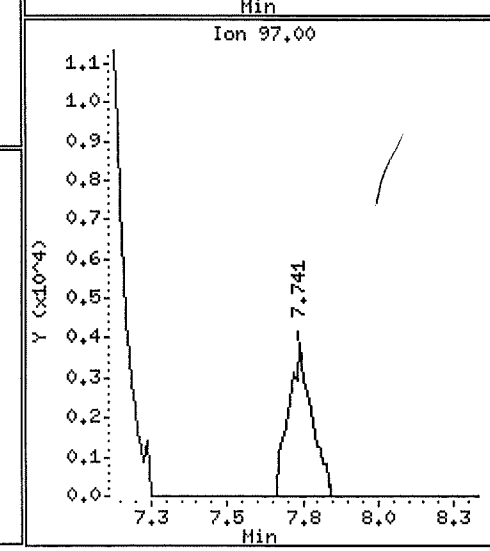












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12867.D

Date : 09-OCT-2000 18:56

Client ID: D12767

Instrument: md.i

Sample Info: DLC91101,,2,,0,1,0,8260BDA.M,D12767

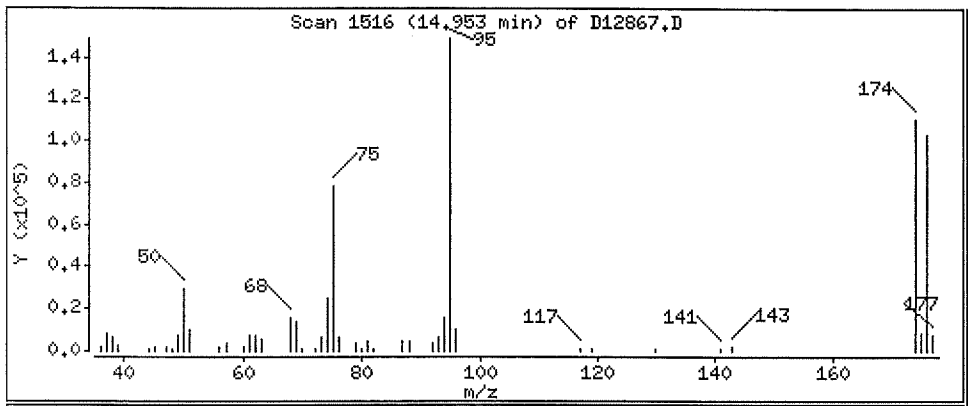
Operator: GFB

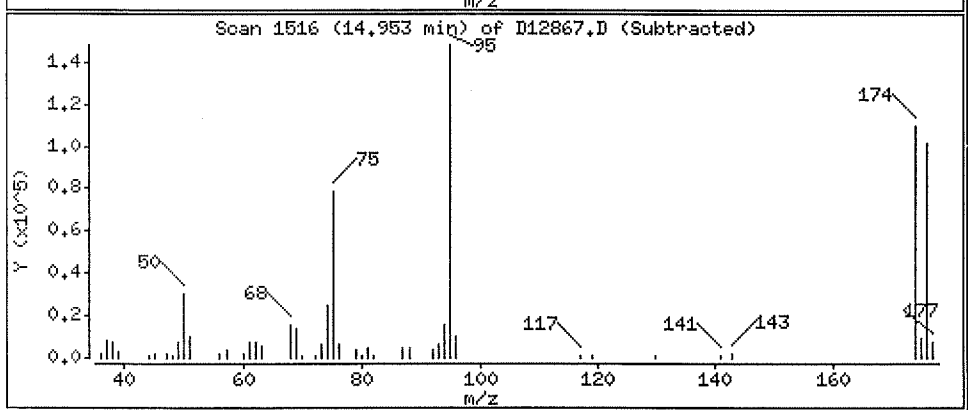
Column phase: J&W DB-624

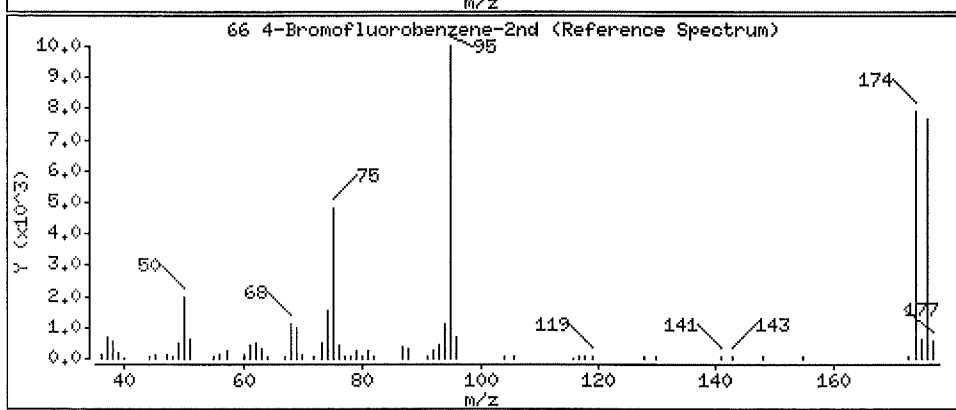
Column diameter: 0.53

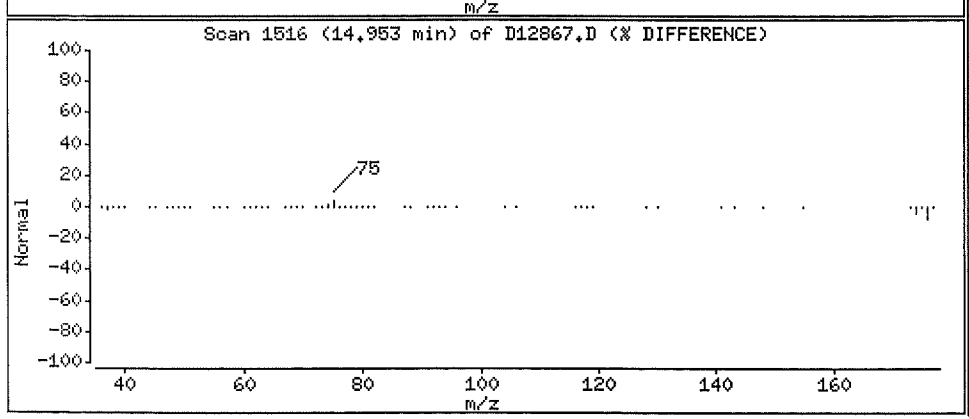
66 4-Bromofluorobenzene-2nd

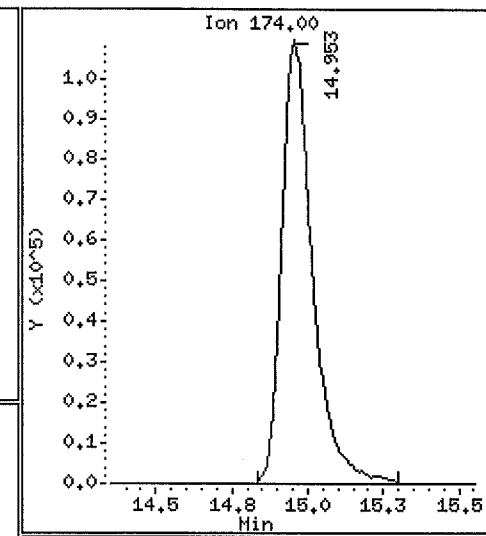
Concentration: 46.19 ug/Kg

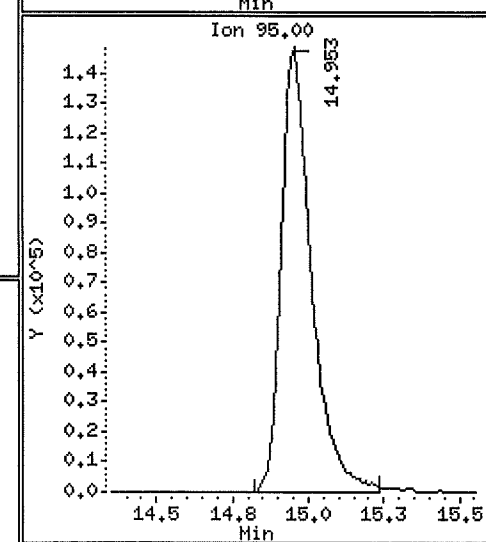


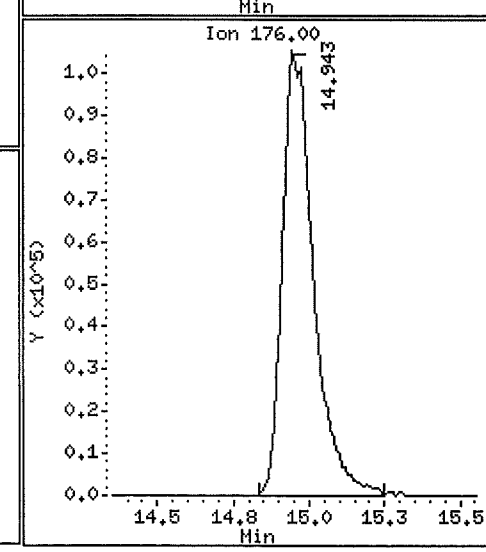












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12867.D

Date : 09-OCT-2000 18:56

Client ID: D12767

Instrument: md.i

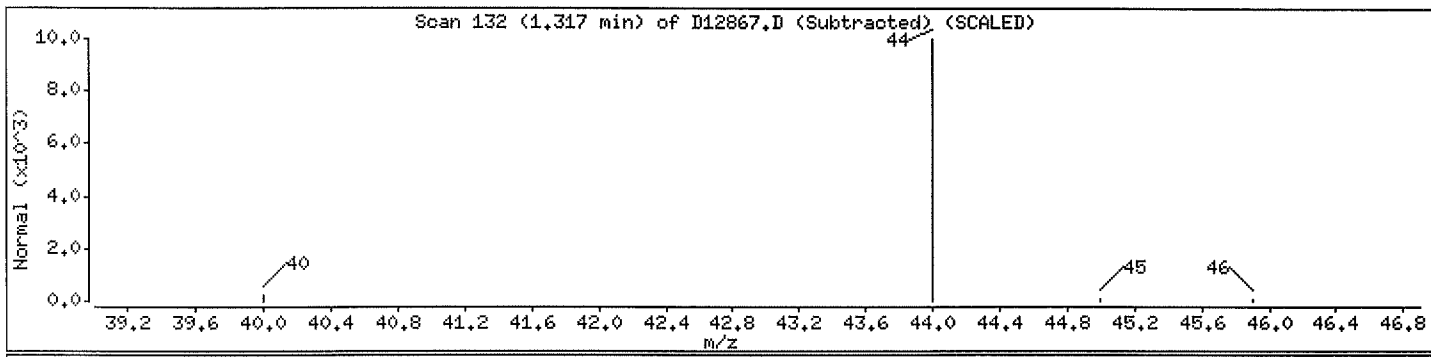
Sample Info: DLC91101,,2,,0,1,0,8260BDA.M,D12767

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12868.D
Lab Smp Id: DLC93101 Client Smp ID: D12768
Inj Date : 09-OCT-2000 19:28
Operator : GFB Inst ID: md.i
Smp Info : DLC93101,,2,,0,1,0,8260BDA.M,D12768
Misc Info : 371-42,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.983	5.976	(0.843)	854835	46.6531	46.65	
$ 33 1,2-Dichloroethane-d4	65	6.525	6.518	(0.919)	570790	46.1510	46.15	
34 1,2-Dichloroethane-d4 2nd	102	6.515	6.508	(0.918)	108183	43.3567	43.36	
* 38 Fluorobenzene	96	7.096	7.090	(1.000)	1288199	50.0000		
$ 47 Toluene-d8	98	9.924	9.907	(0.786)	1177603	44.4602	44.46	
* 56 Chlorobenzene-d5	117	12.623	12.607	(1.000)	1144147	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.958	14.952	(0.866)	733187	45.9980	46.00	
$ 67 4-Bromofluorobenzene	95	14.948	14.942	(0.866)	978559	45.9975	46.00	
* 79 1,4-Dichlorobenzene-d4	152	17.264	17.267	(1.000)	800501	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12868.D
Lab Smp Id: DLC93101 Client Smp ID: D12768
Inj Date : 09-OCT-2000 19:28
Operator : GFB Inst ID: md.i
Smp Info : DLC93101,,2,,0,1,0,8260BDA.M,D12768
Misc Info : 371-42,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.096	3041843	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	501435	8.24228465	8.24	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC93101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12768
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown COV	1.323	8.24	J

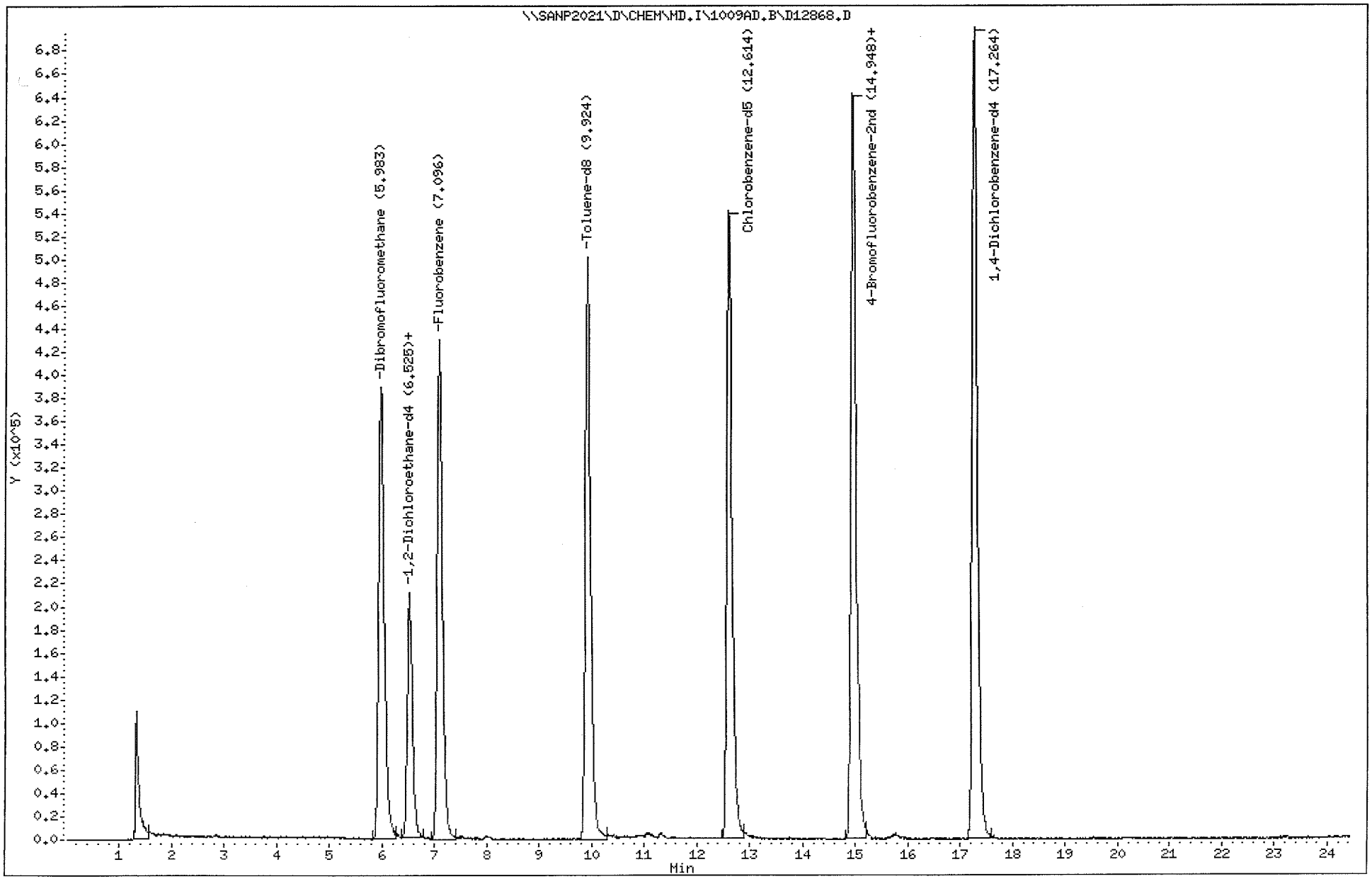
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12868.D
Date : 09-OCT-2000 19:28
Client ID: D12768
Sample Info: DLC93101,,2,,0,1,0,8260BDA.M,D12768

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159307

000888

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12868.D

Date : 09-OCT-2000 19:28

Client ID: D12768

Instrument: md.i

Sample Info: DLC93101,,2,,0,1,0,8260BDA.M,D12768

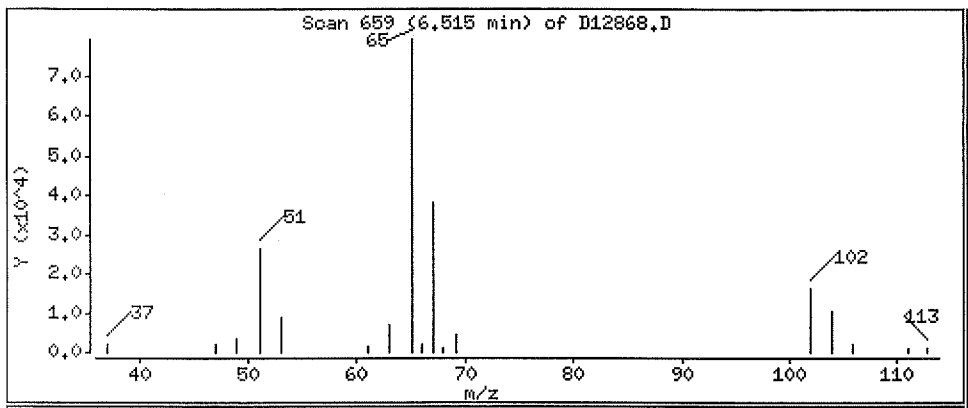
Operator: GFB

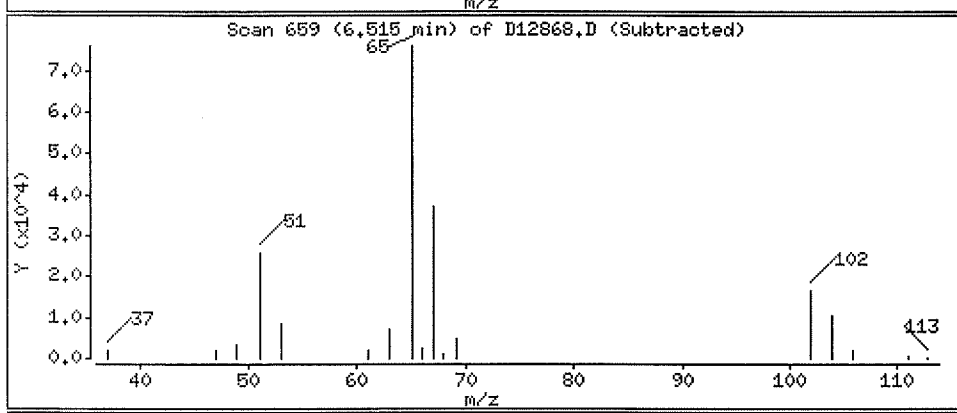
Column phase: J&W DB-624

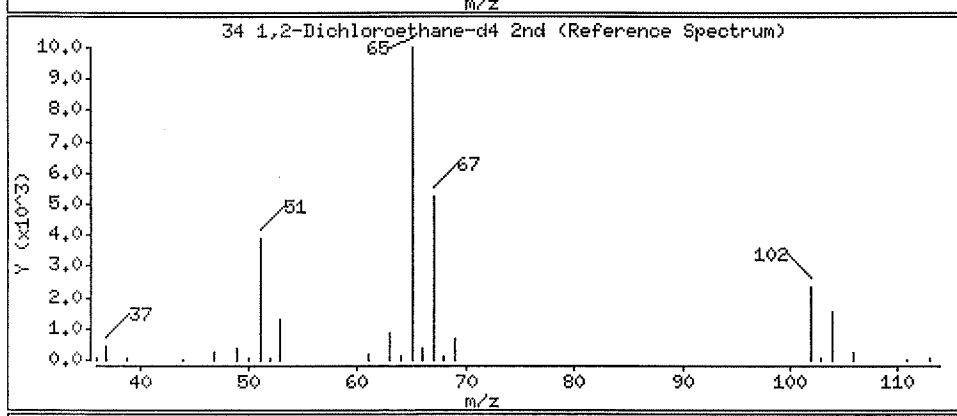
Column diameter: 0.53

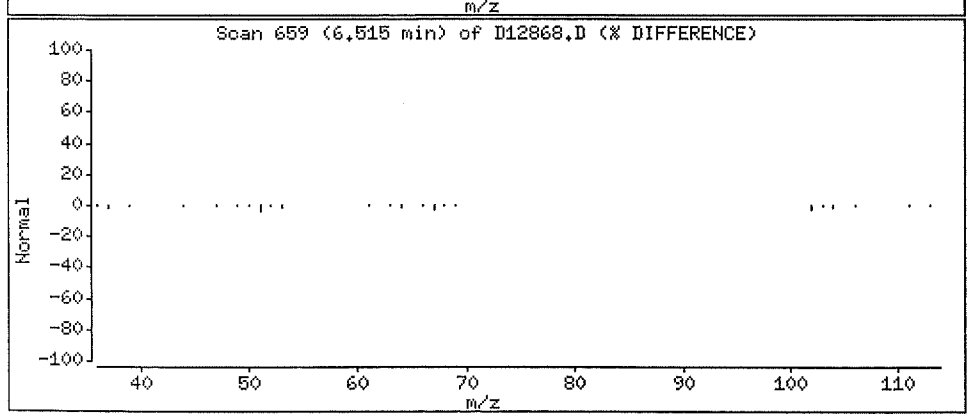
34 1,2-Dichloroethane-d4 2nd

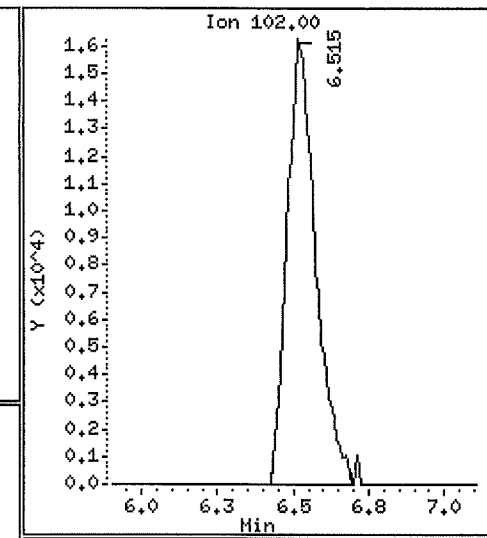
Concentration: 43.36 ug/Kg

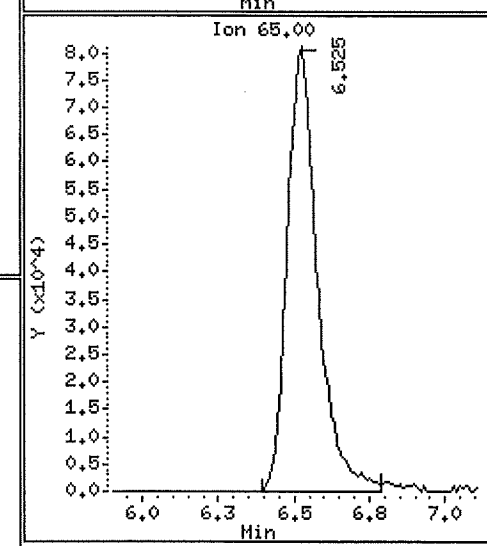












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12868.D

Date : 09-OCT-2000 19:28

Client ID: D12768

Instrument: md.i

Sample Info: DLC93101,,2,,0,1,0,8260BDA.M,D12768

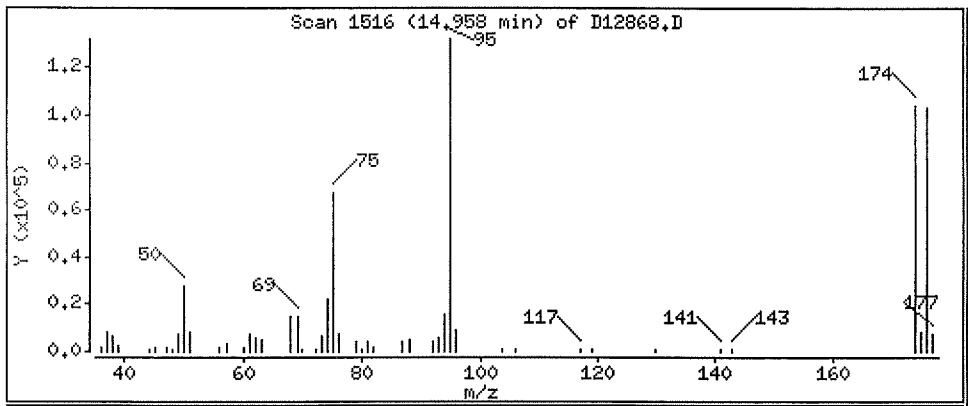
Operator: GFB

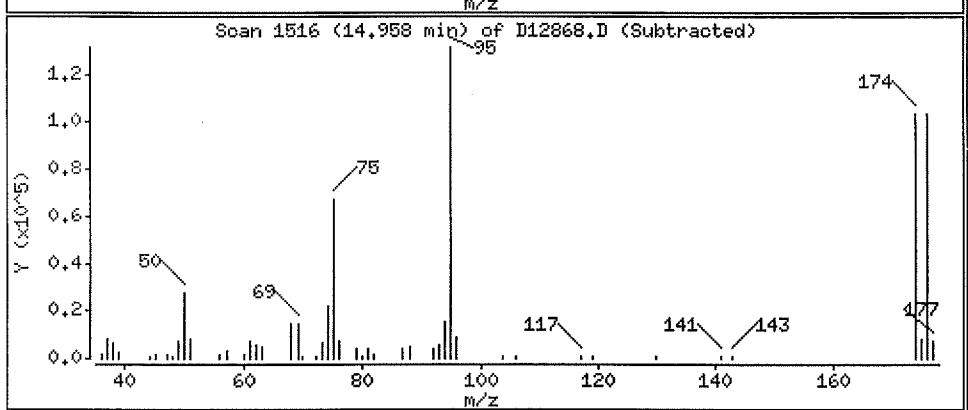
Column phase: J&W DB-624

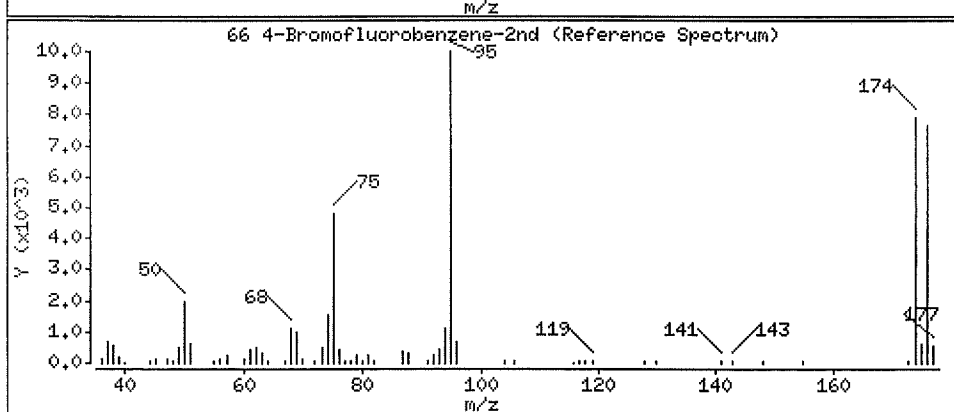
Column diameter: 0.53

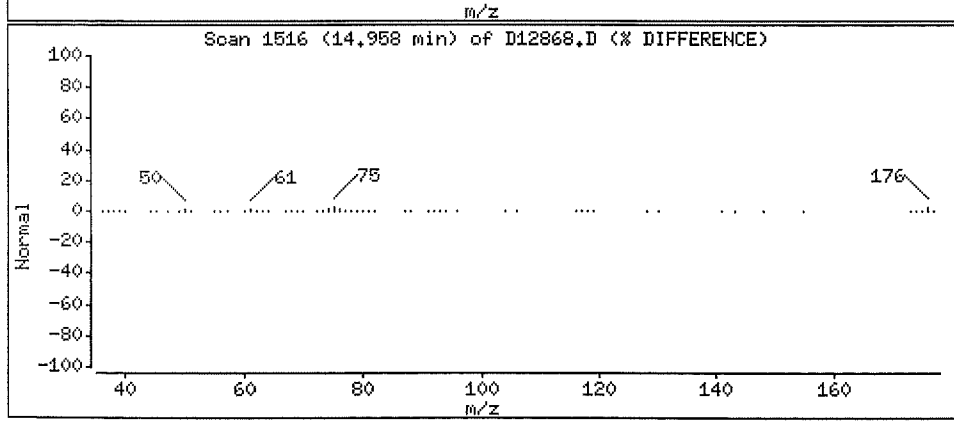
66 4-Bromofluorobenzene-2nd

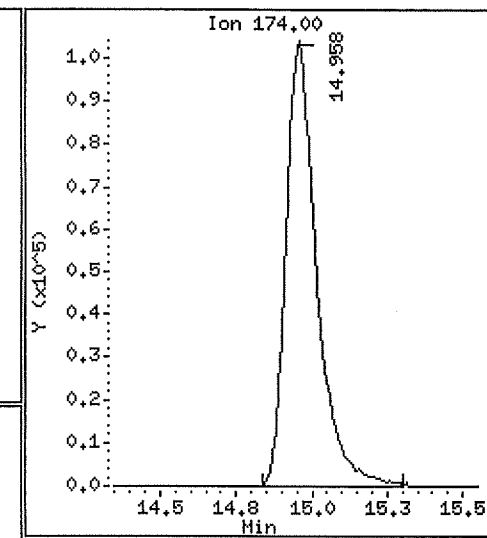
Concentration: 46.00 ug/Kg

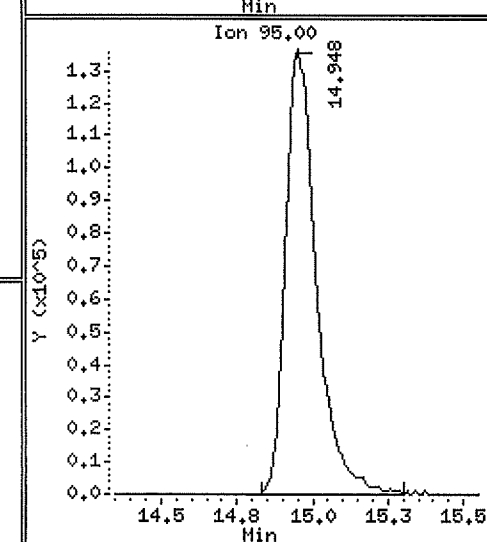


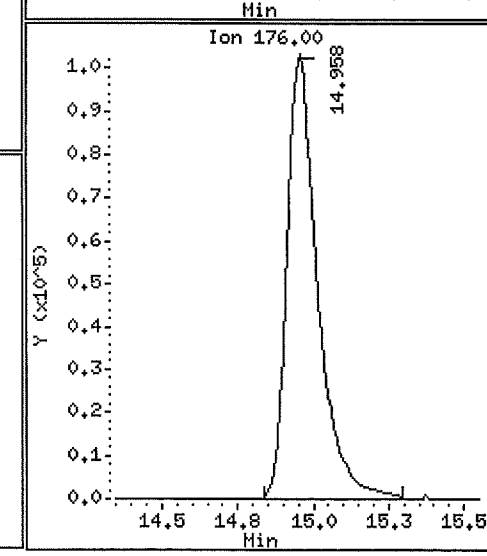












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12868.D

Date : 09-OCT-2000 19:28

Client ID: D12768

Instrument: md.i

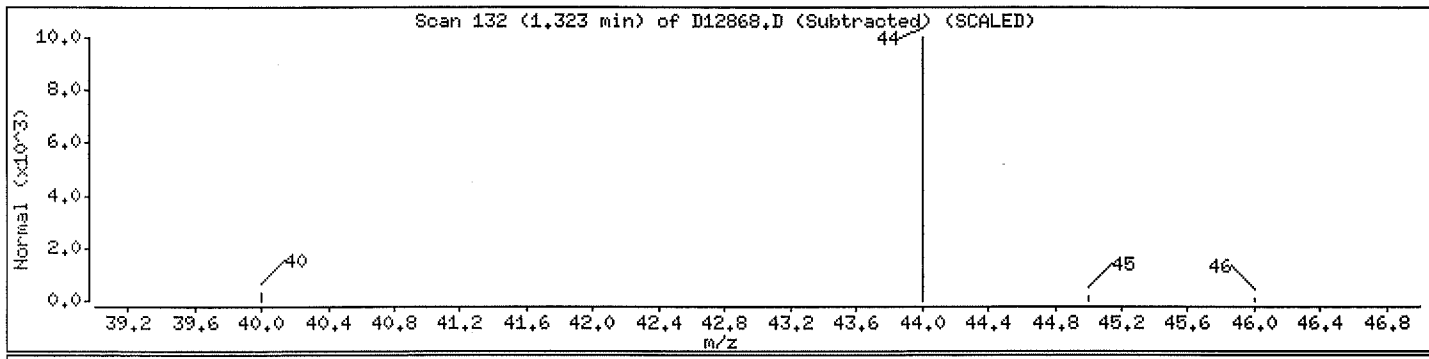
Sample Info: DLC93101,,2,,0,1,0,8260BDA.M,D12768

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12870.D
Lab Smp Id: DLC96101 Client Smp ID: D12770
Inj Date : 09-OCT-2000 20:31
Operator : GFB Inst ID: md.i
Smp Info : DLC96101,,2,,0,1,0,8260BDA.M,D12770
Misc Info : 371-44,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.987	5.976	(0.843)	835942	46.7783	46.78
$ 33 1,2-Dichloroethane-d4	65	6.529	6.518	(0.920)	546651	45.3195	45.32
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.508	(0.920)	104279	42.8512	42.85
* 38 Fluorobenzene	96	7.100	7.090	(1.000)	1256356	50.0000	
39 Trichloroethene	130	7.740	7.730	(1.090)	41056	3.49643	3.50(a)
$ 47 Toluene-d8	98	9.928	9.907	(0.787)	1141749	46.3944	46.39
51 Tetrachloroethene	164	11.031	11.040	(0.874)	57168	4.84646	4.85(a)
* 56 Chlorobenzene-d5	117	12.617	12.607	(1.000)	1063064	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	668834	47.9680	47.97
$ 67 4-Bromofluorobenzene	95	14.952	14.942	(0.866)	884429	47.5246	47.52
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.267	(1.000)	700250	50.0000	(Q)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12870.D
Lab Smp Id: DLC96101 Client Smp ID: D12770
Inj Date : 09-OCT-2000 20:31
Operator : GFB Inst ID: md.i
Smp Info : DLC96101,,2,,0,1,0,8260BDA.M,D12770
Misc Info : 371-44,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	2916277	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	491236	8.42231115	8.42	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC96101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12770
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown 102	1.317	8.42	J

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC96101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12770
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown 102	1.317	8.42	J

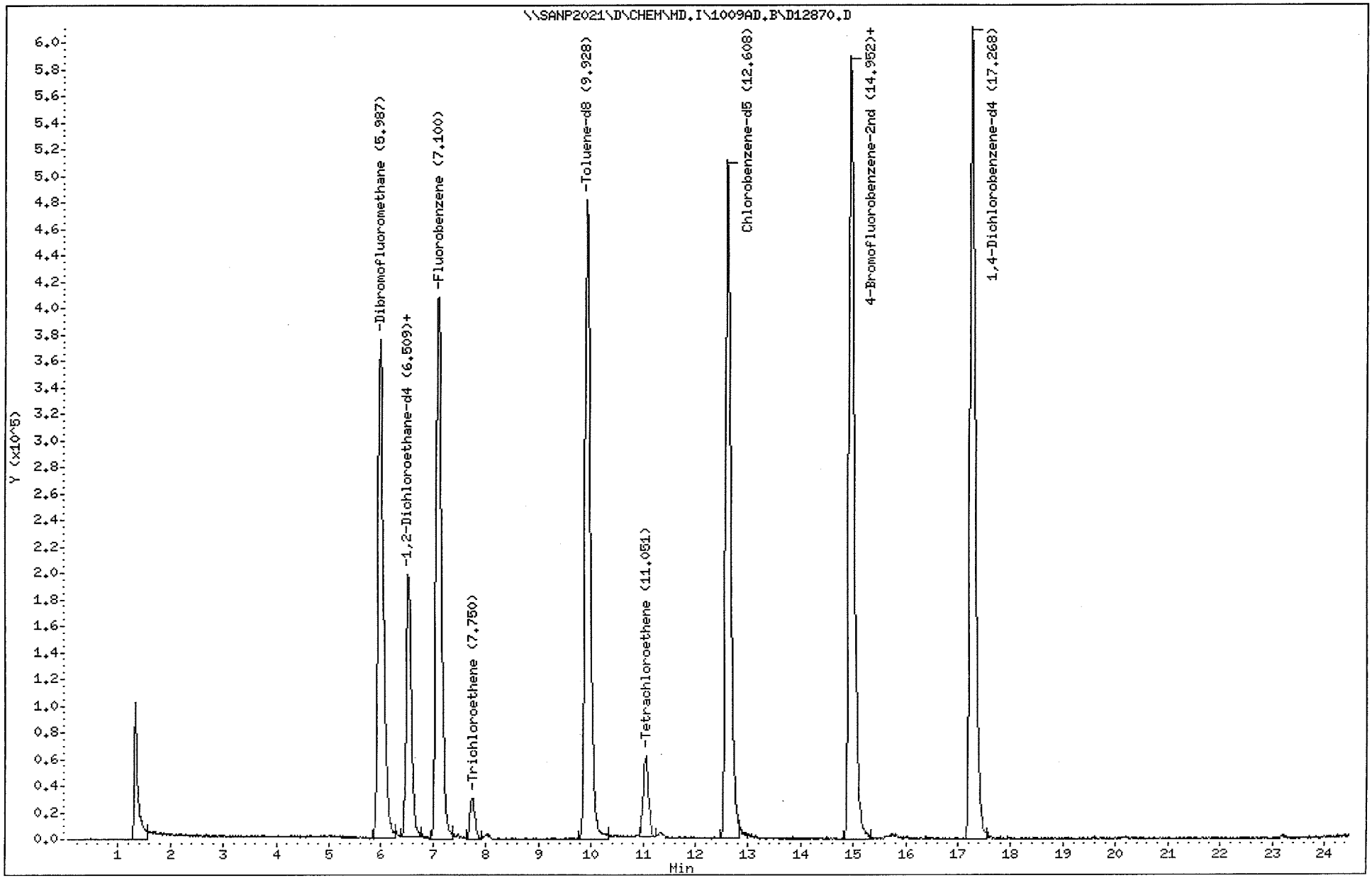
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12870.D
Date : 09-OCT-2000 20:31
Client ID: D12770
Sample Info: DLC96101,,2,,0,1,0,8260BDA.M,D12770

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000897

BOE-C6-0159316

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12870.D

Date : 09-OCT-2000 20:31

Client ID: D12770

Instrument: md.i

Sample Info: DLC96101,,2,,0,1,0,8260BDA.M,D12770

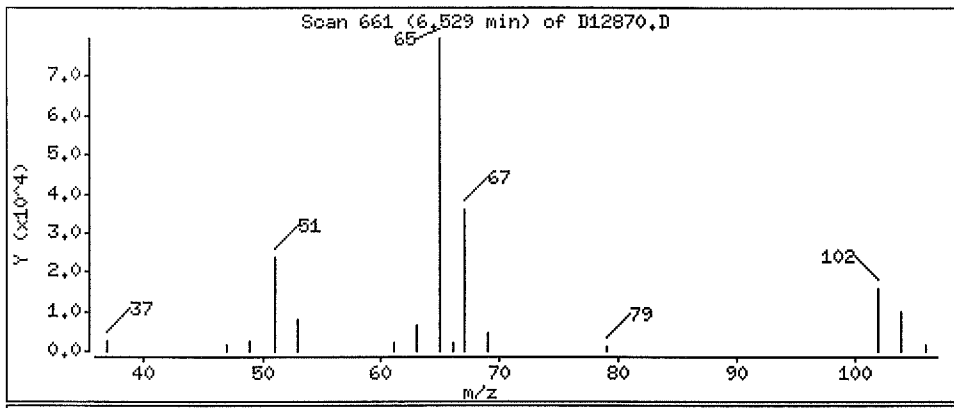
Operator: GFB

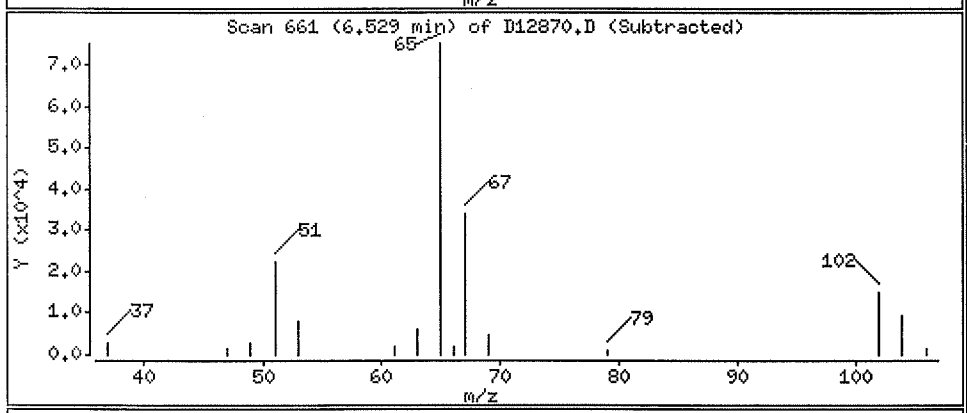
Column phase: J&W DB-624

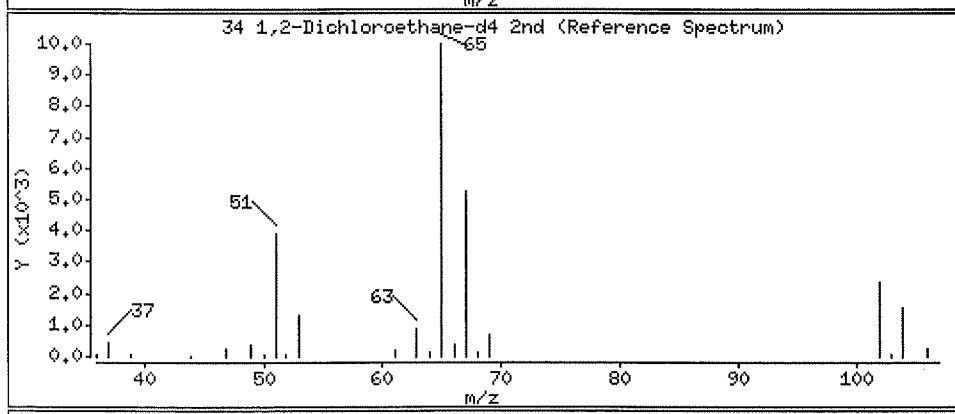
Column diameter: 0.53

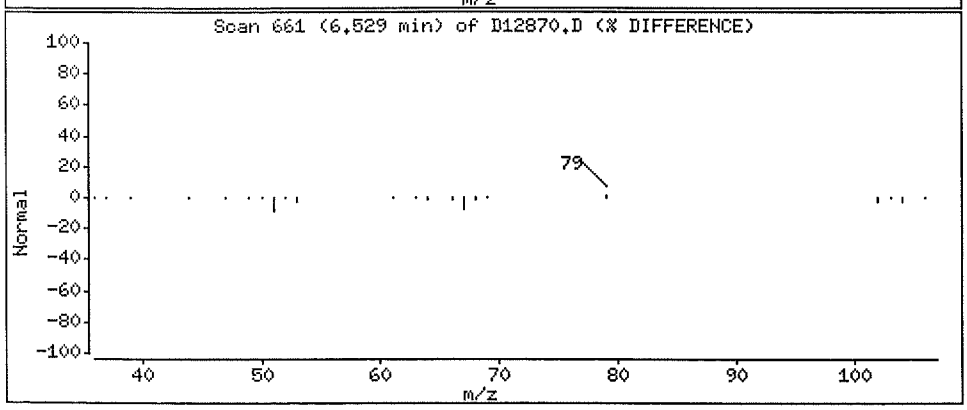
34 1,2-Dichloroethane-d4 2nd

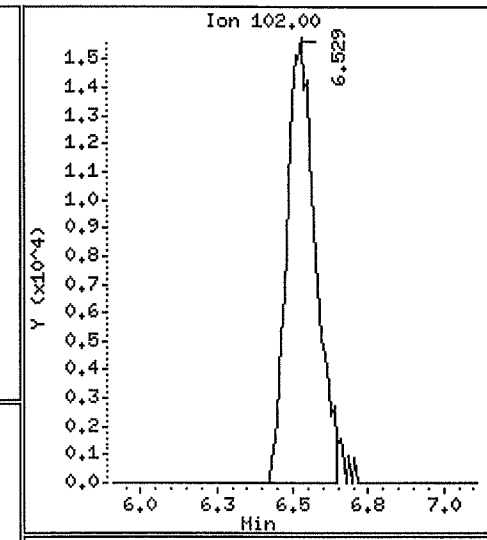
Concentration: 42.85 ug/Kg

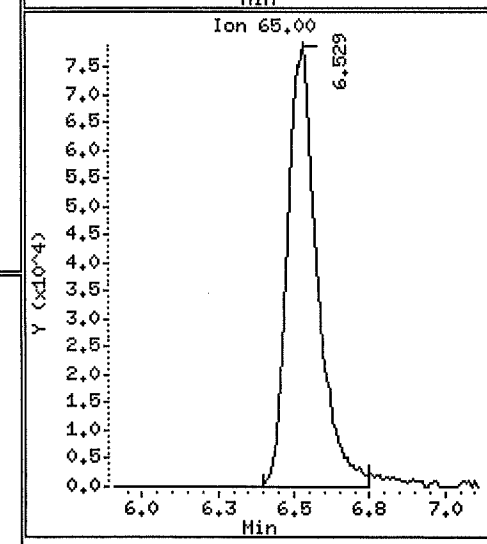












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12870.D

Date : 09-OCT-2000 20:31

Client ID: D12770

Instrument: md.i

Sample Info: DLC96101,,2,,0,1,0,8260BDA.M,D12770

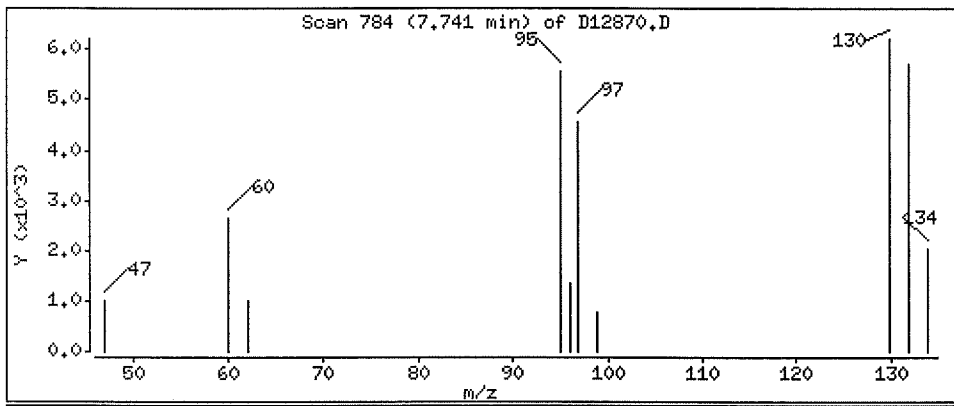
Operator: GFB

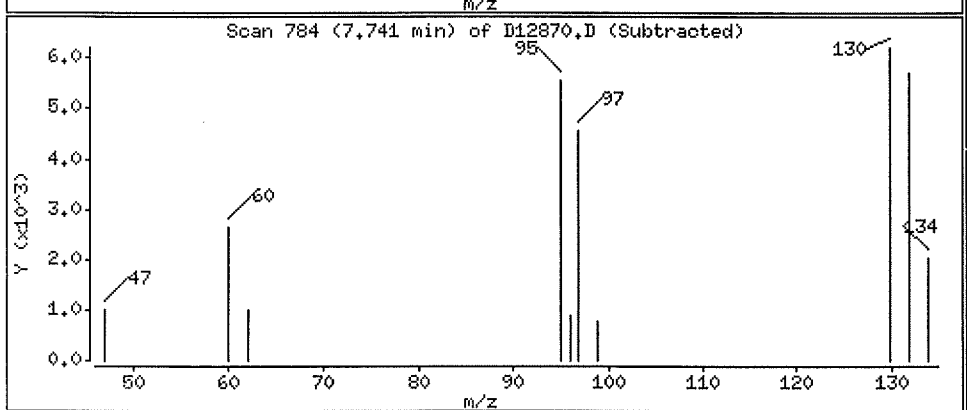
Column phase: J&W DB-624

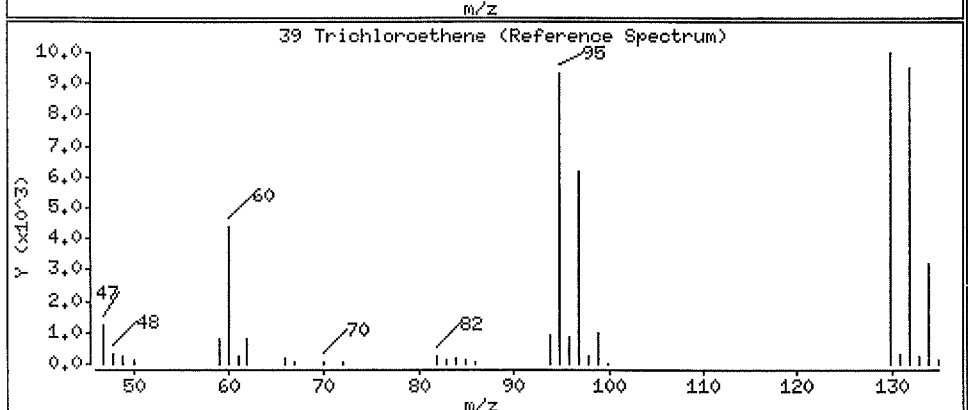
Column diameter: 0.53

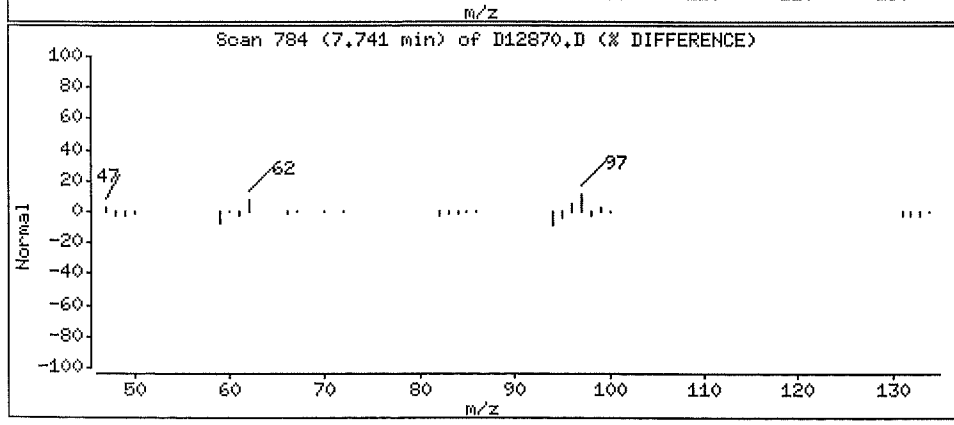
39 Trichloroethene

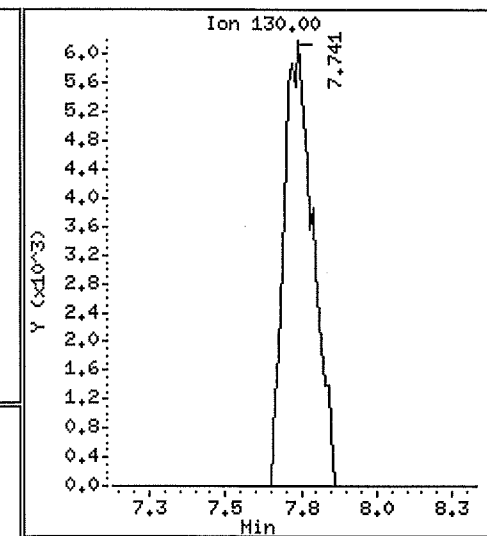
Concentration: 3.50 ug/Kg

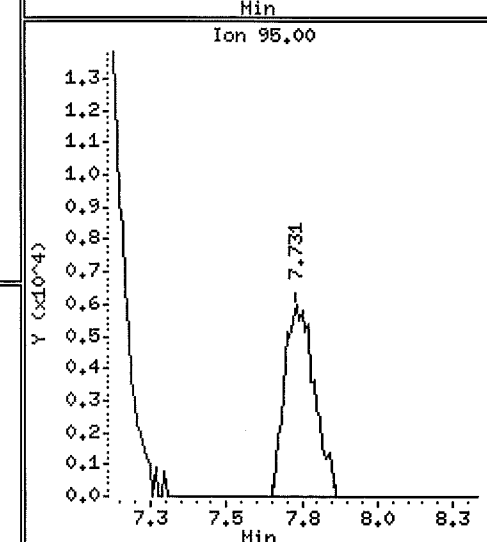


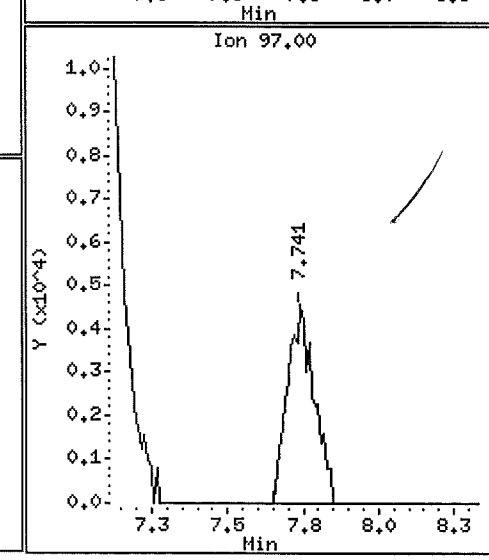












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12870.D

Date : 09-OCT-2000 20:31

Client ID: D12770

Instrument: md.i

Sample Info: DLC96101,,2,,0,1,0,8260BDA.M,D12770

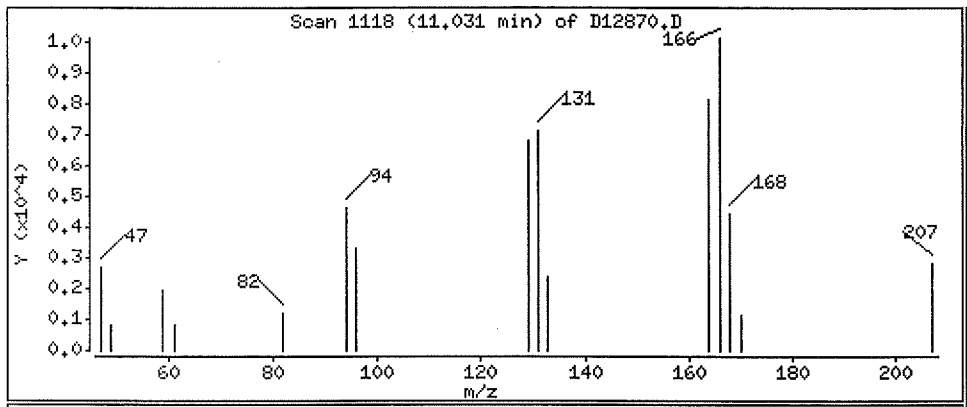
Operator: GFB

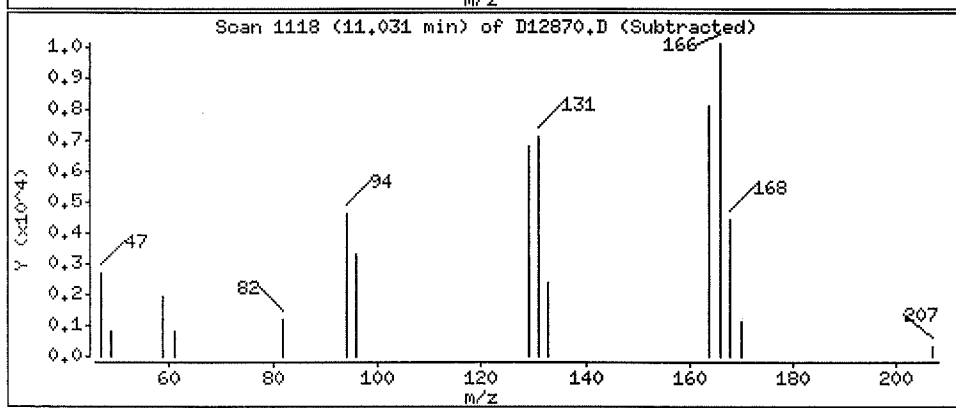
Column phase: J&W DB-624

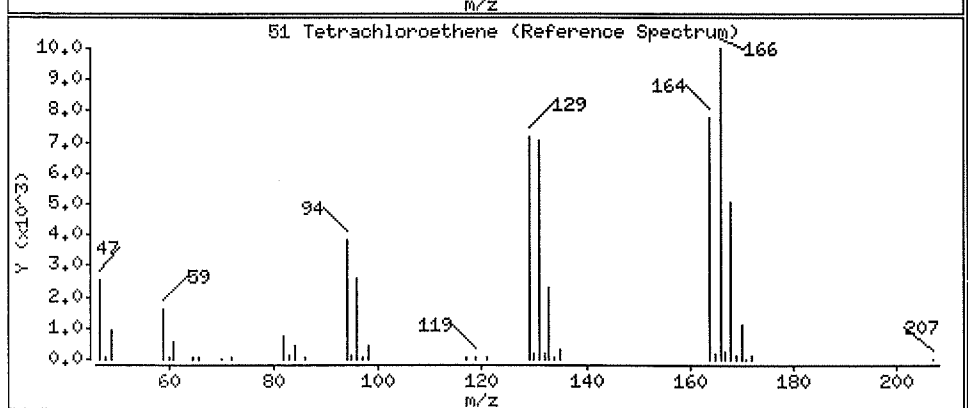
Column diameter: 0.53

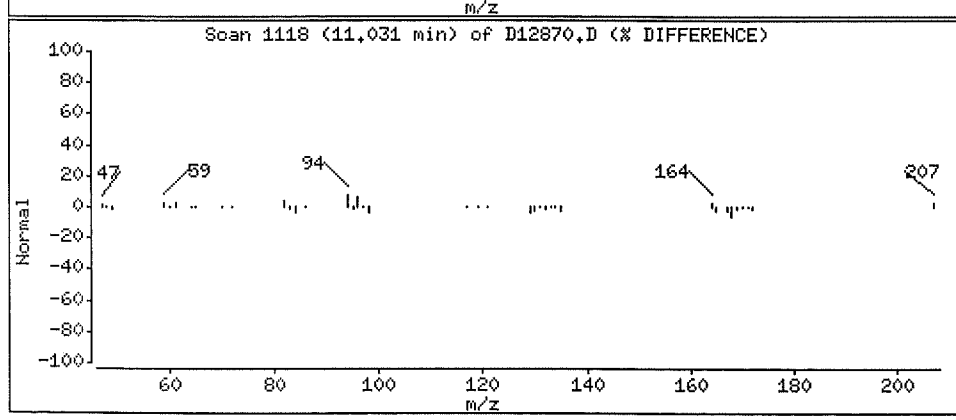
51 Tetrachloroethene

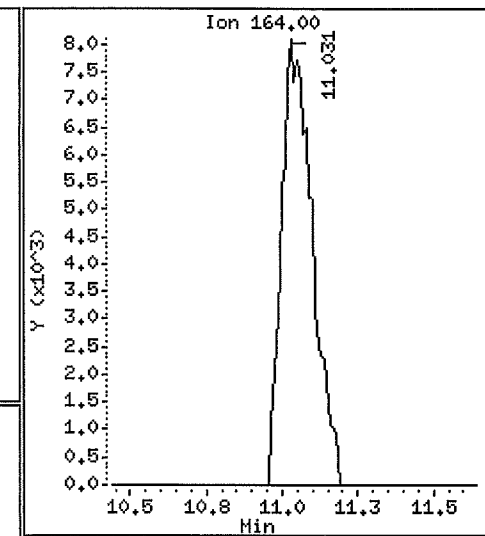
Concentration: 4.85 ug/Kg

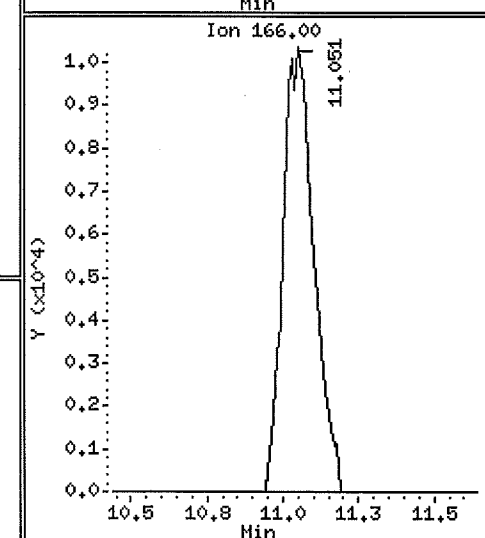


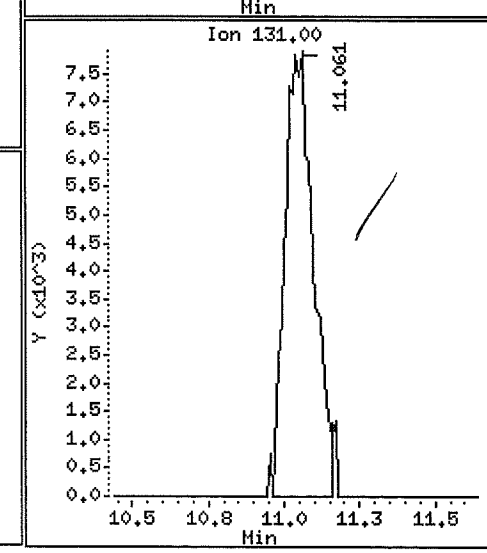












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12870.D

Date : 09-OCT-2000 20:31

Client ID: D12770

Instrument: md.i

Sample Info: DLC96101,,2,,0,1,0,8260BDA.M,D12770

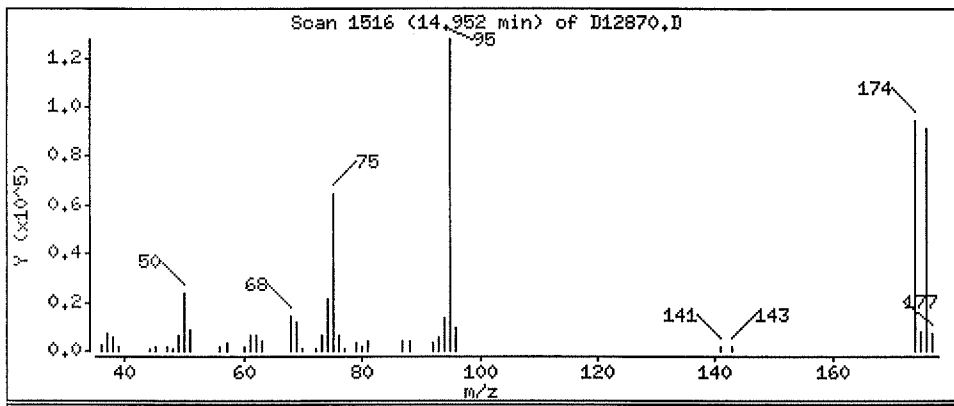
Operator: GFB

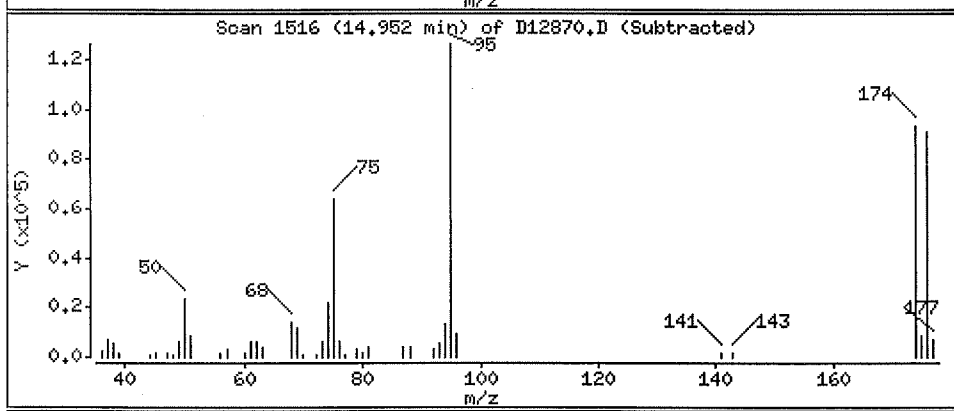
Column phase: J&W DB-624

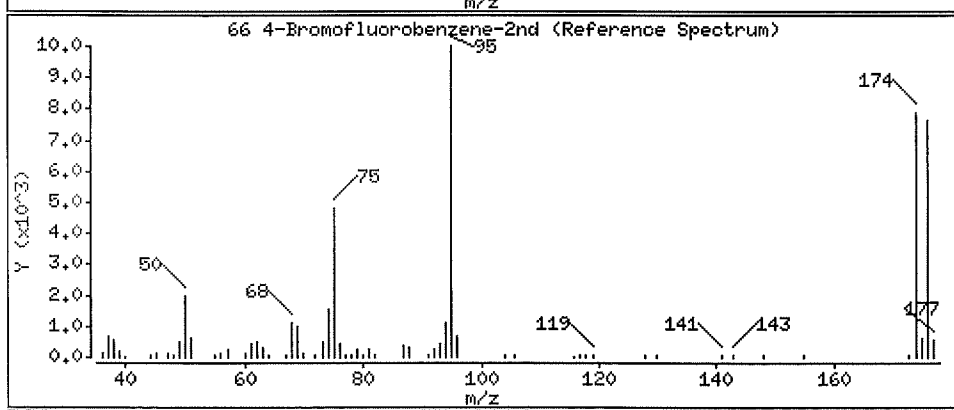
Column diameter: 0.53

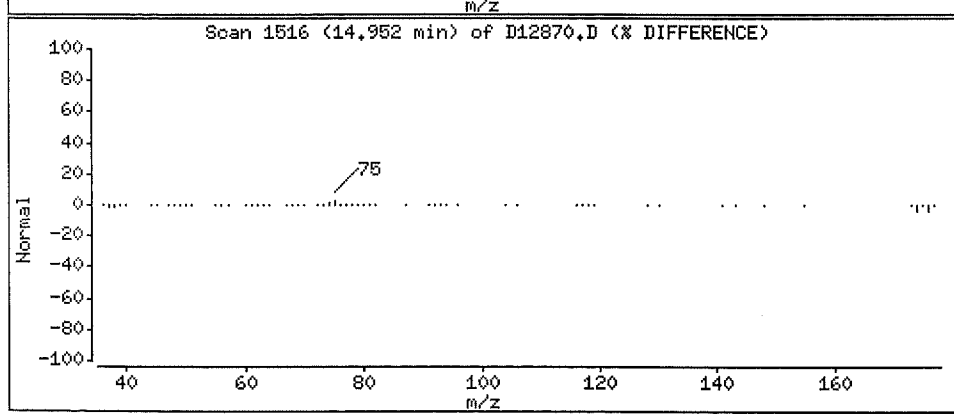
66 4-Bromofluorobenzene-2nd

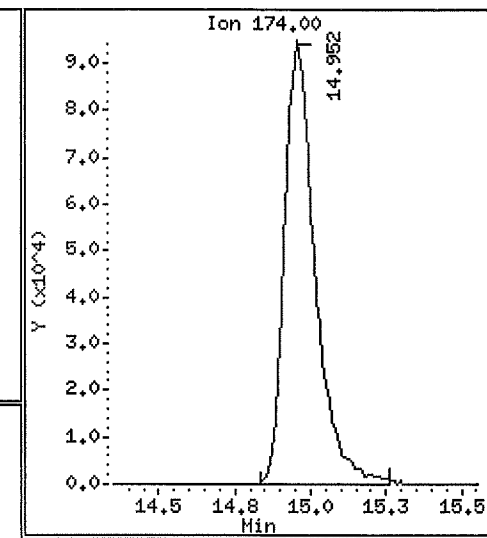
Concentration: 47.97 ug/Kg

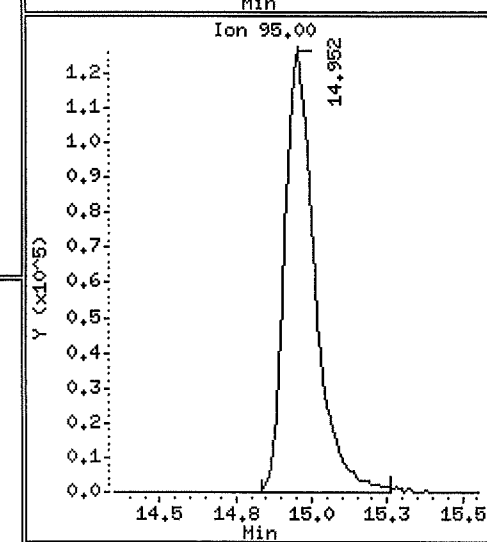


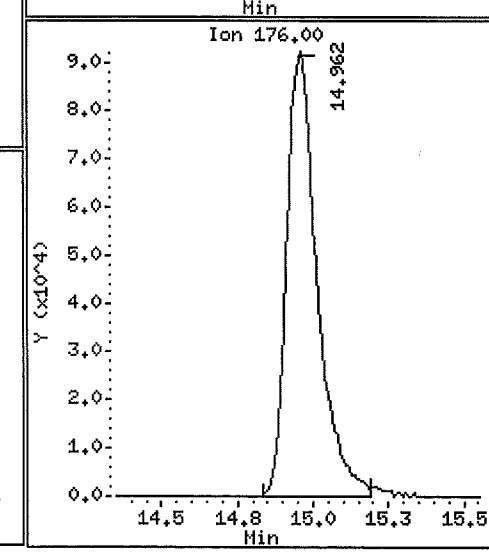












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12870.D

Date : 09-OCT-2000 20:31

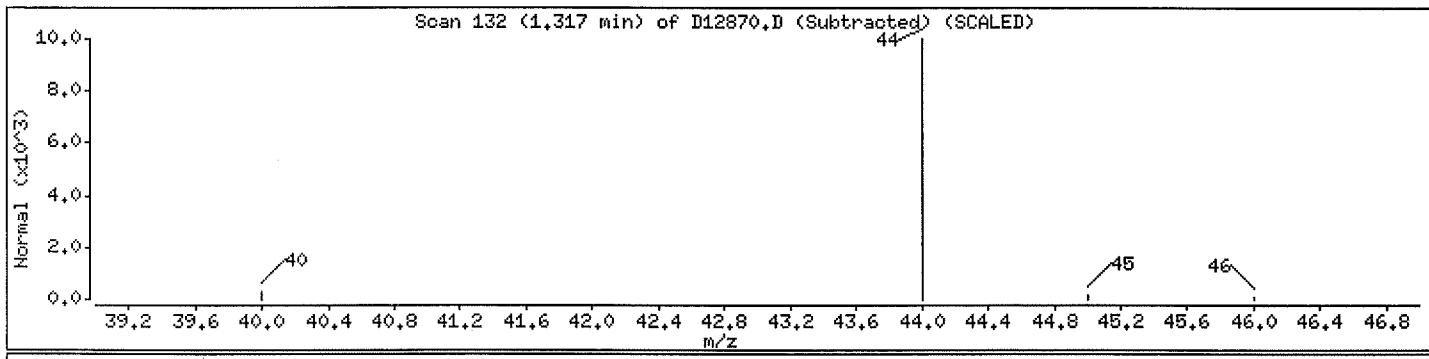
Client ID: D12770 Instrument: md.i

Sample Info: DLC96101,,2,,0,1,0,8260BDA.M,D12770

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



02

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12871.D
Lab Smp Id: DLC98101 Client Smp ID: D12771
Inj Date : 09-OCT-2000 21:03
Operator : GFB Inst ID: md.i
Smp Info : DLC98101,,2,,0,1,0,8260BDA.M,D12771
Misc Info : 371-42,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.987	5.976	(0.843)	850913	47.6409	47.64	
$ 33 1,2-Dichloroethane-d4	65	6.519	6.518	(0.918)	552519	45.8299	45.83	
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.508	(0.920)	106271	43.6926	43.69	
* 38 Fluorobenzene	96	7.100	7.090	(1.000)	1255701	50.0000		
$ 47 Toluene-d8	98	9.928	9.907	(0.787)	1160260	45.1931	45.19	
* 56 Chlorobenzene-d5	117	12.607	12.607	(1.000)	1109015	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	712042	46.1618	46.16	
$ 67 4-Bromofluorobenzene	95	14.952	14.942	(0.866)	947119	46.0050	46.00	
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.267	(1.000)	774656	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1009AD.B\D12871.D
Lab Smp Id: DLC98101 Client Smp ID: D12771
Inj Date : 09-OCT-2000 21:03
Operator : GFB Inst ID: md.i
Smp Info : DLC98101,,2,,0,1,0,8260BDA.M,D12771
Misc Info : 371-42,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1009AD.B\8260BDA.m
Meth Date : 09-Oct-2000 12:06 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	2935757	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	490199	8.34877101	8.35	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC98101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12771
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown COL	1.317	8.35	J

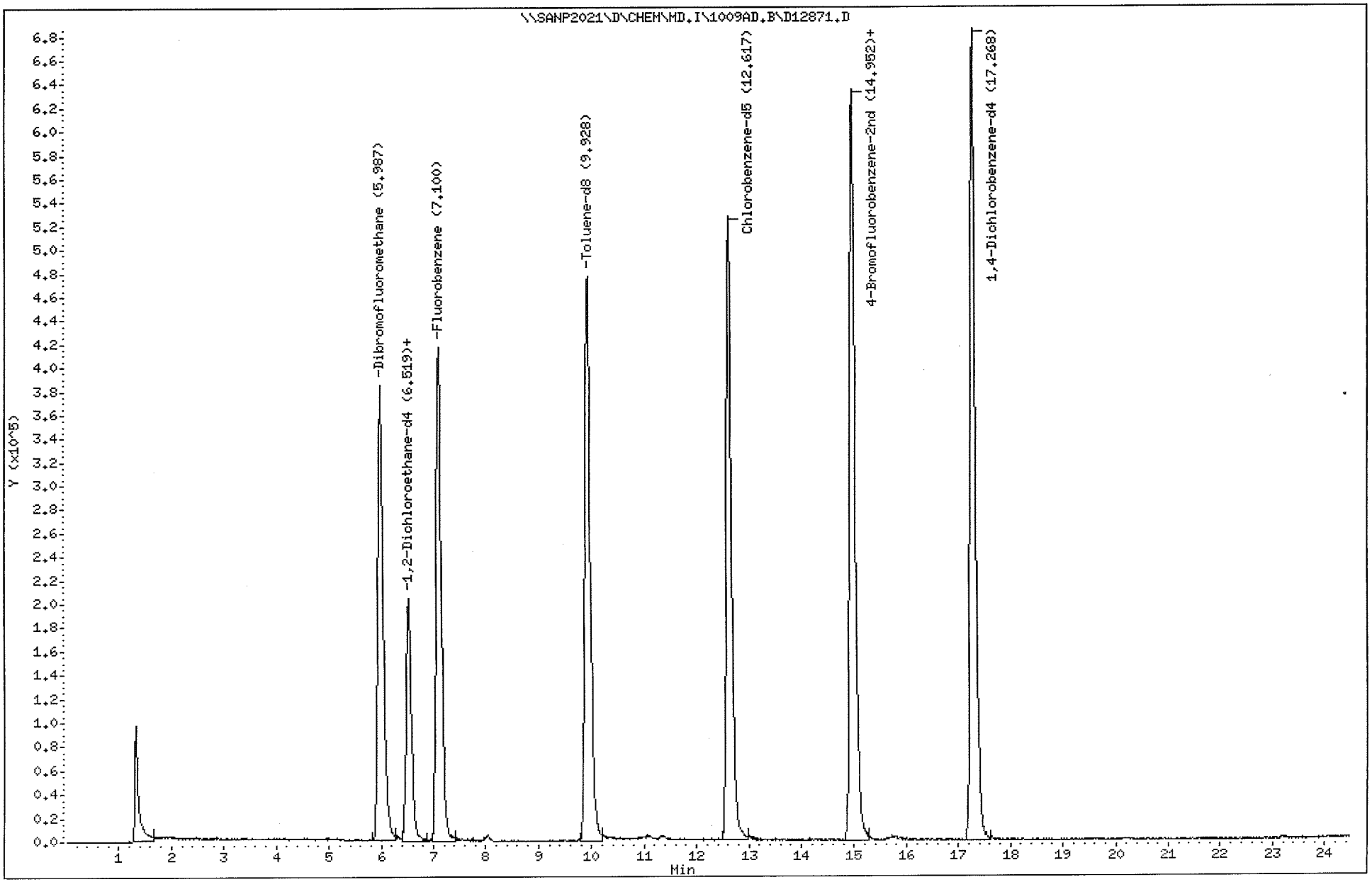
Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12871.D
Date : 09-OCT-2000 21:03
Client ID: D12771
Sample Info: DLC98101,,2,,0,1,0,8260BDA.M,D12771

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159325

Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12871.D

Date : 09-OCT-2000 21:03

Client ID: D12771

Instrument: md.i

Sample Info: DLC98101,,2,,0,1,0,8260BDA.M,D12771

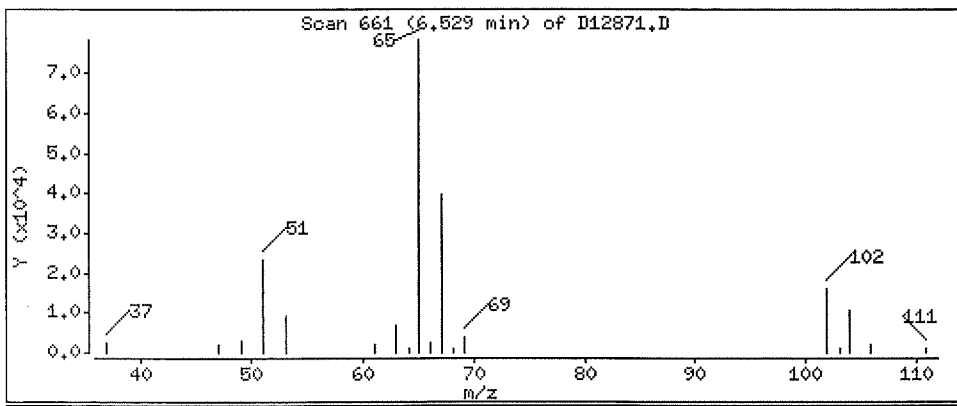
Operator: GFB

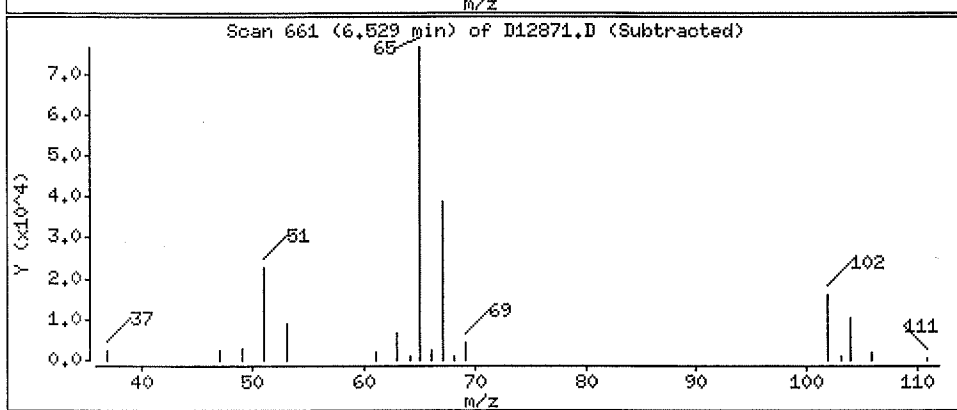
Column phase: J&W DB-624

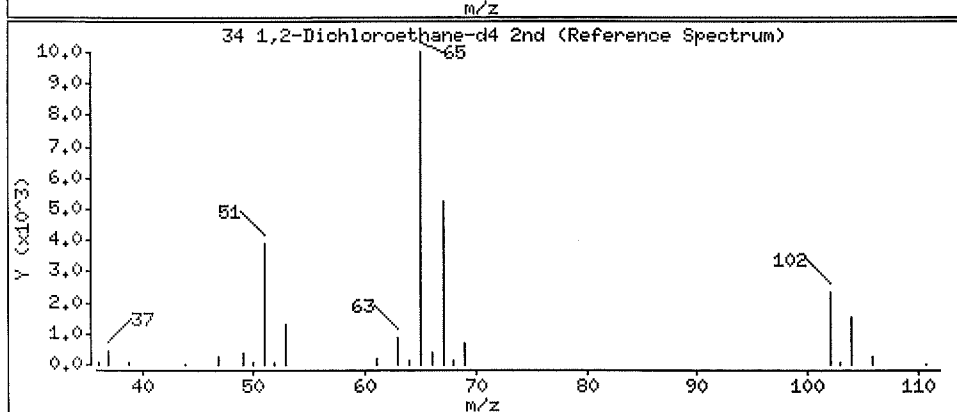
Column diameter: 0.53

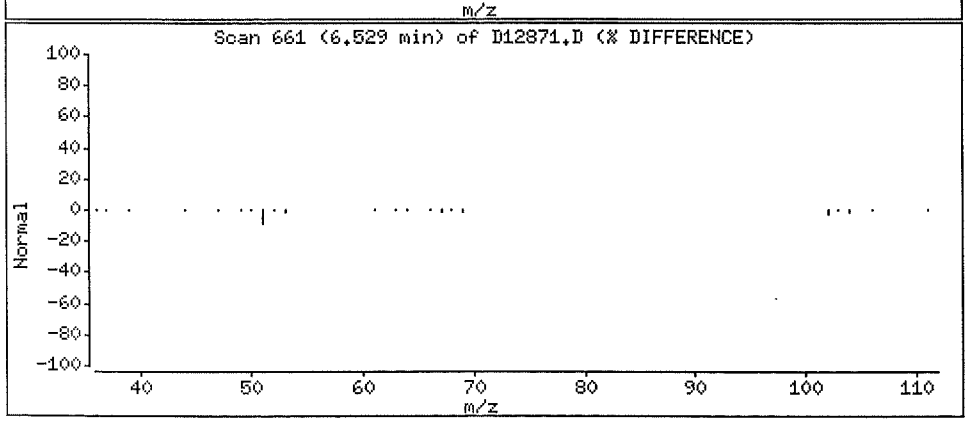
34 1,2-Dichloroethane-d4 2nd

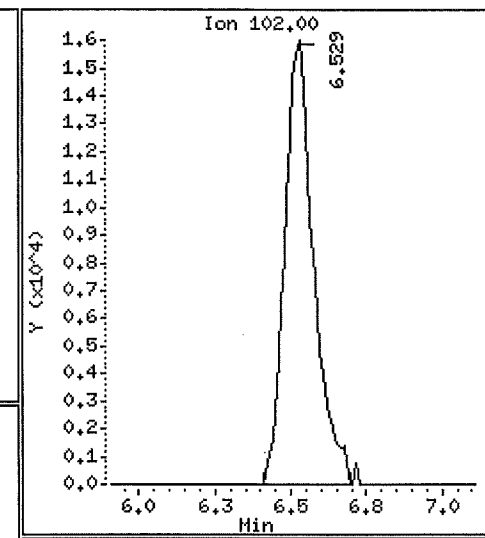
Concentration: 43.69 ug/Kg

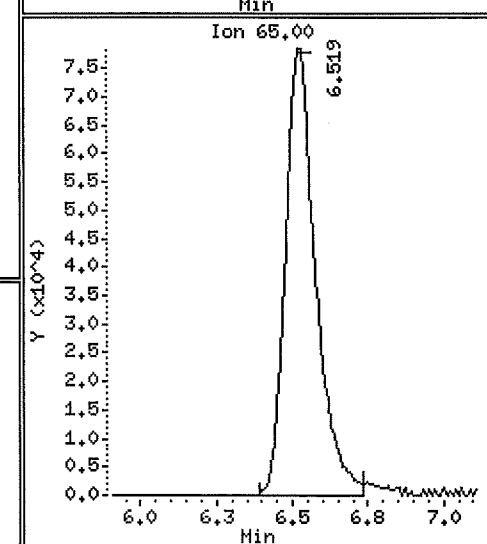












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12871.D

Date : 09-OCT-2000 21:03

Client ID: D12771

Instrument: md.i

Sample Info: DLC98101,,2,,0,1,0,8260BDA.M,D12771

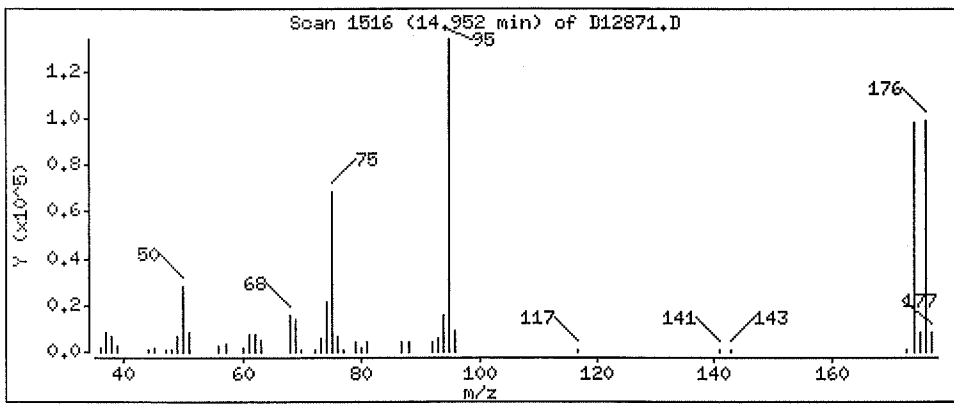
Operator: GFB

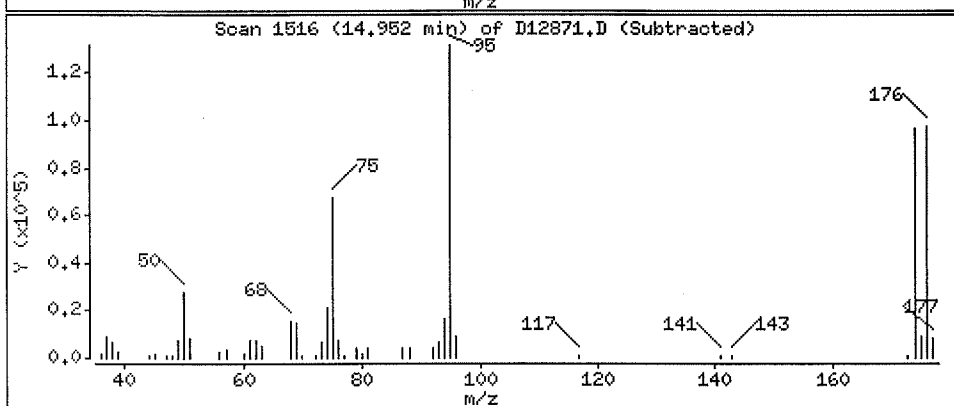
Column phase: J&W DB-624

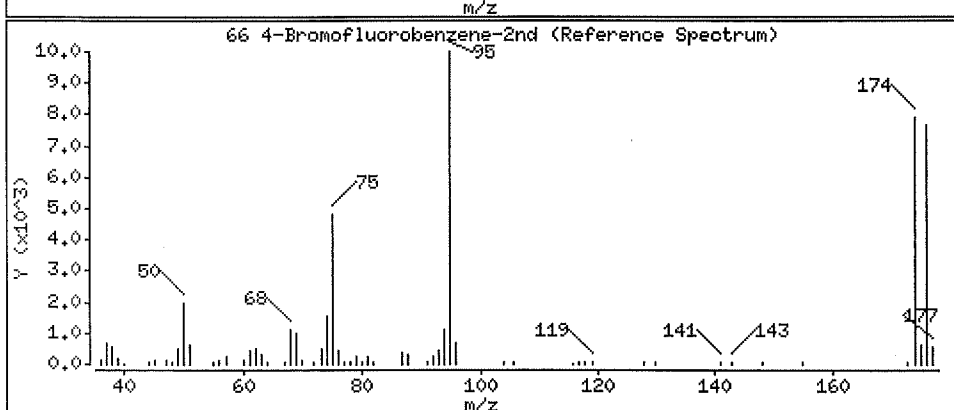
Column diameter: 0.53

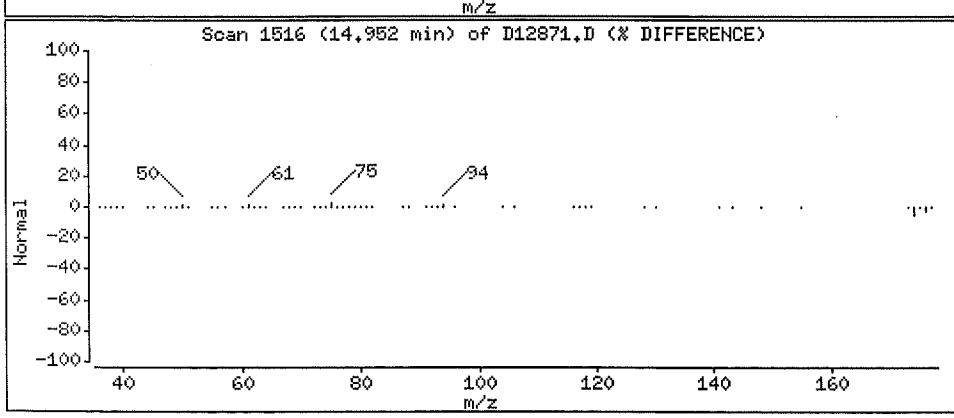
66 4-Bromofluorobenzene-2nd

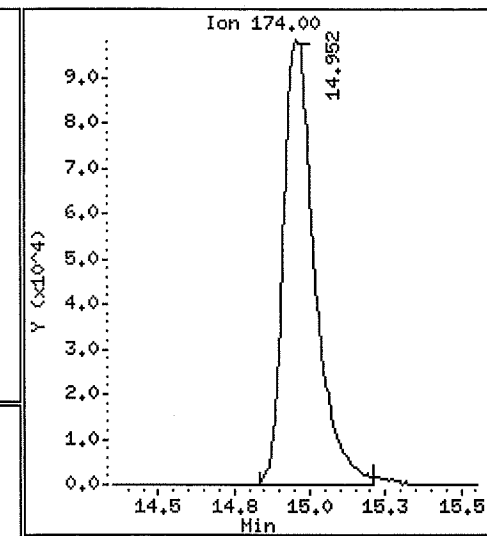
Concentration: 46.16 ug/Kg

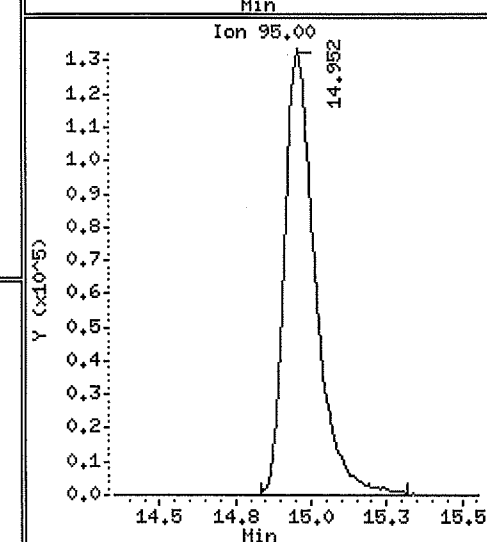


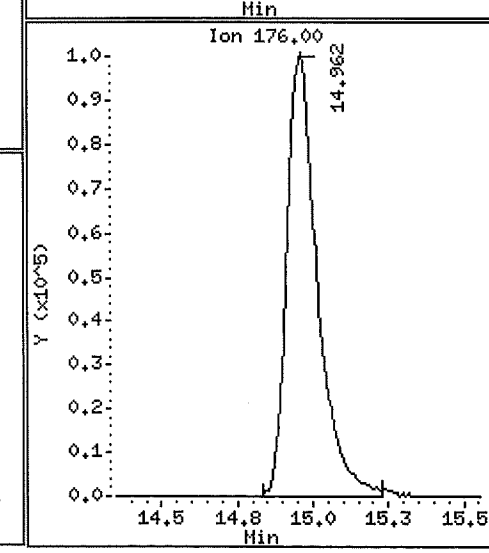












Data File: \\SANP2021\D\CHEM\MD.I\1009AD.B\D12871.D

Date : 09-OCT-2000 21:03

Client ID: D12771

Instrument: md.i

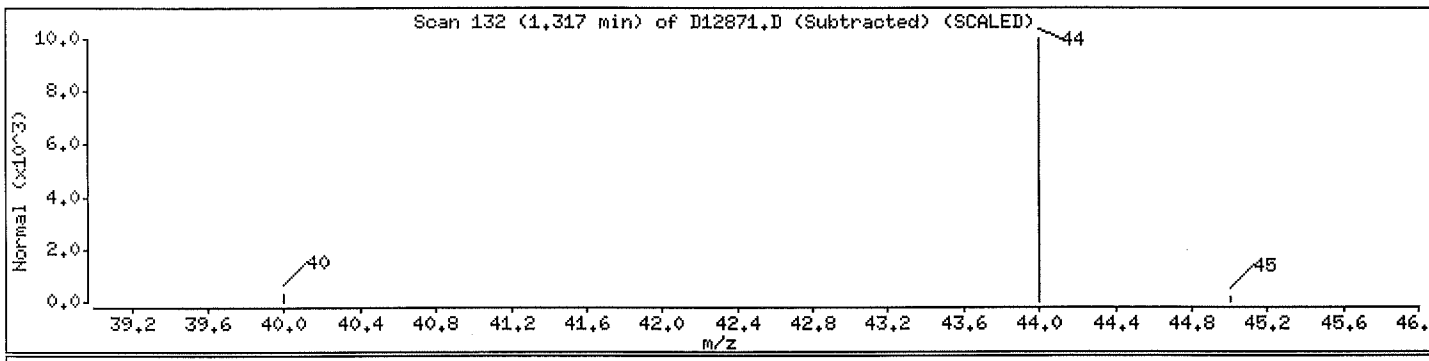
Sample Info: DLC98101,,2,,0,1,0,8260BDA.M,D12771

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



8260B SAMPLE / QC DATA

DATE ANALYZED: 101000

INSTRUMENT ID: MSA

SAMPLES: EDI 290577 39
40
43

BOE-C6-0159329

STL Los Angeles

FJK 10/14/00

Batch ID: 0285495

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☑ 5030B ☐ 5035

Inst ID: MSD | EM Set: i706 | Tune File: BFB | Seq File: 1010BD

Init. Cal ID: 8260BDA 10-4-00 | Date: 10-10-00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
20:41	GFB	DT1572	50ng BFB	–	–	4	–	–	✓			
20:86		D52531	50ppb 8260B	1	Soil	5g	1	71	✓			
21:34		32	50ppb	1				154	✓			
22:24		D12894	10/100ng-LCS-5	2				150	✓			
22:86		95	MB-5	3				141	✓			
23:27		96	DLC8W101	4				136	✓			EOI290371-39
23:59		97	DLC8X101	5				130	✓			40
0:31		98	DLC94101	6				129	✓			43
1:03		99	DLFGE101	7				131	✓			EOI030150-1
1:34		900	DLFGN101	8				134	✓			2
2:06		1	DLFGQ101	9				130	✓			3
2:37		2	DLFGV101	10				128	✓			4
3:09		3	DLFHQ101	11				129	✓			5
3:41		4	DLFGE102	12				130	✓			1MS
4:12		5	DLFGE103	13				132	✓			1MSD
4:44		6	DLFHV101	14				131	✓			6
5:16		7	DLFHX101	15				128	✓			7
5:47		8	DLFJJ101	16				128	✓			8
6:19		9	DLFJ4101	17				123	✓			9
6:51		10	DLFJ6101	18				121	✓			10
7:22		11	DLFJ8101	19				118	✓			11

000038

G:\FORMS\Run Log\MSV Runlog.DOC

Version 01/04/99

BOE-C6-0159330

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA02193

Lab File ID (Standard): DS2532 Date Analyzed: 10/10/00

Instrument ID: MD Time Analyzed: 2139

Matrix:(soil/water) SOIL Level:(low/med) LOW Column:(pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	1541323	7.08	1328909	12.61	976735	17.26
	UPPER LIMIT	3082646	7.58	2657818	13.11	1953470	17.76
	LOWER LIMIT	770662	6.58	664455	12.11	488368	16.76
	EPA SAMPLE NO.						
01	D12894	1501067	7.07	1268903	12.60	940859	17.26
02	D12895	1411811	7.08	1252653	12.61	911699	17.26
03	D12896	1366618	7.08	1222929	12.61	841844	17.26
04	D12897	1307409	7.08	1172204	12.59	845236	17.25
05	D12898	1298018	7.08	1140233	12.60	782031	17.25
06	D12899	1310115	7.08	1155344	12.60	843398	17.25
07	D12900	1345285	7.08	1184717	12.60	870999	17.25
08	D12901	1307889	7.08	1141228	12.61	811214	17.26
09	D12902	1289861	7.08	1128838	12.59	816592	17.24
10	D12903	1296929	7.08	1137829	12.61	807857	17.26
11	D12904	1303621	7.08	1141092	12.59	862178	17.24
12	D12905	1321226	7.08	1153775	12.60	849179	17.26
13	D12906	1316803	7.08	1123578	12.61	716445	17.26
14	D12907	1283371	7.08	1145436	12.60	801857	17.25
15	D12908	1289851	7.08	1123887	12.60	788069	17.26
16	D12909	1237431	7.08	1076426	12.60	707904	17.26
17	D12910	1217127	7.08	1070790	12.59	777442	17.25
18	D12911	1186851	7.08	1014695	12.60	664564	17.26
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\DT1572.D
Lab Smp Id:
Inj Date : 10-OCT-2000 20:41
Operator : GFB Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * Vf * VI

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	1.000	Injection Volume

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.7787	1.8000	(0.000)	95	83272			0.00- 100.00	100.00
1.7787	1.8000	(0.000)	50	15373			15.00- 40.00	18.46
1.7787	1.8000	(0.000)	75	40109			30.00- 60.00	48.17
1.7787	1.8000	(0.000)	96	6370			5.00- 9.00	7.65
1.7787	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7787	1.8000	(0.000)	174	67594			50.00- 0.00	81.17
1.7787	1.8000	(0.000)	175	5505			5.00- 9.00	8.14
1.7787	1.8000	(0.000)	176	66901			95.00- 101.00	98.97
1.7787	1.8000	(0.000)	177	5024			5.00- 9.00	7.51

10-11-00

Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\DT1572.D

Date : 10-OCT-2000 20:41

Client ID:

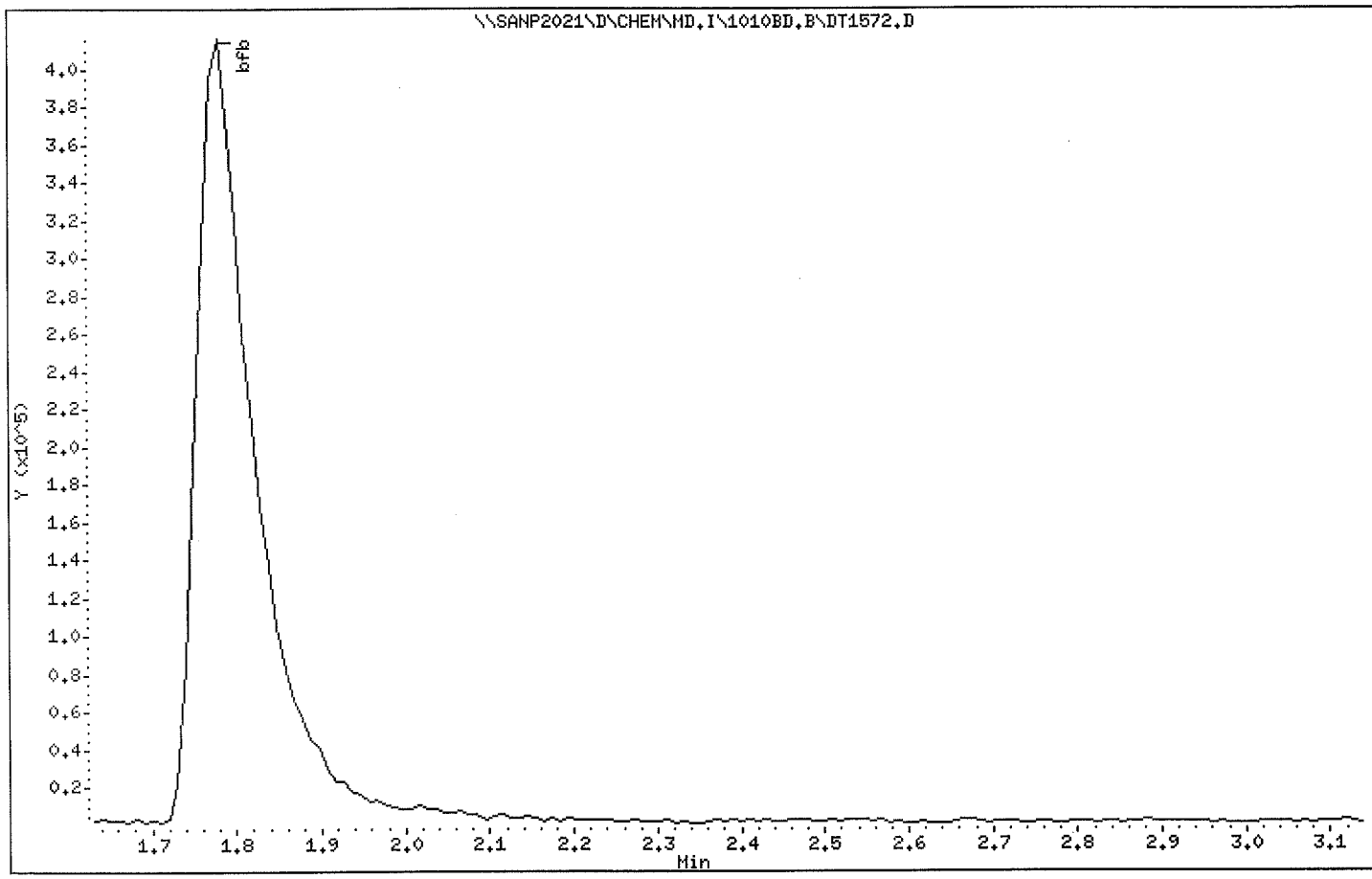
Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\DT1572.D

Date : 10-OCT-2000 20:41

Client ID:

Instrument: md.i

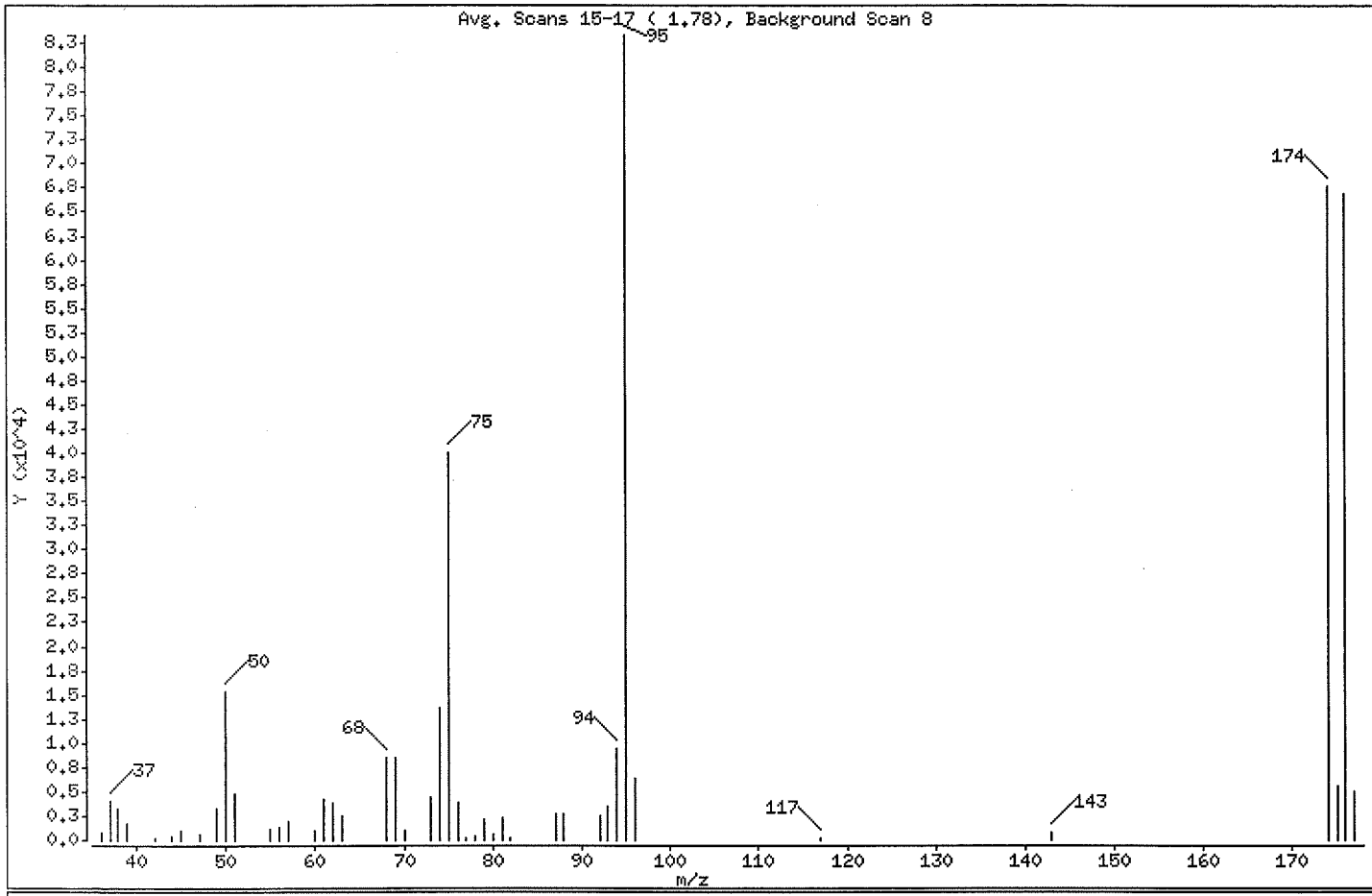
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.46
75	30.00 - 60.00% of mass 95	48.17
96	5.00 - 9.00% of mass 95	7.65
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	81.17
175	5.00 - 9.00% of mass 174	6.61 (8.14)
176	95.00 - 101.00% of mass 174	80.34 (98.97)
177	5.00 - 9.00% of mass 176	6.03 (7.51)

Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\DT1572.D

Date : 10-OCT-2000 20:41

Client ID:

Instrument: md.i

Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1572.D
Spectrum: Avg. Scans 15-17 (1.78), Background Scan 8
Location of Maximum: 95.00
Number of points: 44

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	859	56.00	1389	76.00	3798	95.00	83272
37.00	4026	57.00	1838	77.00	270	96.00	6370
38.00	3295	60.00	957	78.00	316	117.00	254
39.00	1751	61.00	4295	79.00	2193	143.00	782
42.00	283	62.00	3756	80.00	594	174.00	67592
44.00	313	63.00	2469	81.00	2278	175.00	5505
45.00	1049	68.00	8509	82.00	258	176.00	66896
47.00	586	69.00	8430	87.00	2607	177.00	5024
49.00	3307	70.00	902	88.00	2669		
50.00	15373	73.00	4317	92.00	2395		
51.00	4721	74.00	13634	93.00	3385		
55.00	1126	75.00	40104	94.00	9372		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 10-OCT-2000 21:39
Lab File ID: DS2532.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.42006	0.010	-5.9	50.0
	2 Vinyl chloride (*)	0.21607	0.21067	0.010	-2.5	20.0
	3 Chloromethane (**)	0.19012	0.18498	0.100	-2.7	50.0
	4 Bromomethane	0.21985	0.22101	0.010	0.5	50.0
	5 Chloroethane	0.13964	0.14635	0.010	4.8	50.0
	6 Trichlorofluoromethane	0.71629	0.74712	0.010	4.3	50.0
	7 Acrolein	0.01339	0.00849	0.001	-36.6	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.25671	0.010	-8.8	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.44679	0.010	-4.9	50.0
	10 Acetone	0.05535	0.04890	0.010	-11.7	50.0
	11 Iodomethane	0.54249	0.51512	0.001	-5.0	50.0
	12 Carbon disulfide	0.63173	0.60846	0.010	-3.7	50.0
	13 Methylene chloride	0.28611	0.27162	0.010	-5.1	50.0
	14 t-Butanol	0.00726	0.00650	0.001	-10.5	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.30735	0.010	-5.9	50.0
	16 Acrylonitrile	0.04256	0.03999	0.001	-6.0	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.69930	0.010	-7.0	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.54043	0.100	-4.0	50.0
	19 Vinyl acetate	0.72587	0.60209	0.010	-17.1	50.0
	20 Isopropyl ether	0.97354	0.90252	0.010	-7.3	20.0
	21 2,2-Dichloropropane	0.61103	0.58926	0.010	-3.6	50.0
	22 Tert-butyl ethyl ether	0.93101	0.85806	0.010	-7.8	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.32767	0.010	-1.2	50.0
	24 2-Butanone	0.09614	0.08006	0.010	-16.7	50.0
	25 Bromochloromethane	0.21883	0.21700	0.010	-0.8	50.0
	26 Chloroform (*)	0.73233	0.70135	0.010	-4.2	20.0
	27 Tetrahydrofuran	0.05809	0.06043	0.010	4.0	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.31751	0.010	-3.5	50.0
$	29 Dibromofluoromethane	0.71120	0.69723	0.010	-2.0	50.0
	30 1,1,1-Trichloroethane	0.76256	0.75978	0.010	-0.4	50.0
	31 Carbon Tetrachloride	0.72937	0.72378	0.010	-0.8	50.0
	32 1,1-Dichloropropene	0.54325	0.52301	0.010	-3.7	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.44347	0.010	-7.6	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.09565	0.010	-1.2	50.0
	35 Benzene	0.84852	0.81384	0.010	-4.1	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 10-OCT-2000 21:39
Lab File ID: DS2532.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	36 1,2-Dichloroethane	0.53432	0.51488	0.010	-3.6	50.0
	37 Tert-amyl methyl ether	0.88326	0.83163	0.010	-5.8	20.0
	39 Trichloroethene	0.46731	0.48427	0.010	3.6	50.0
	40 1,2-Dichloropropane(*)	0.34594	0.33325	0.010	-3.7	20.0
	41 Dibromomethane	0.32224	0.32298	0.010	0.2	50.0
	42 Bromodichloromethane	0.71616	0.72932	0.010	1.8	50.0
	43 1-Bromo-2-chloroethane	0.78851	0.80123	0.010	1.6	50.0
	44 2-Chloroethylvinyl ether	0.04393	0.05051	0.010	15.0	20.0
	45 cis-1,3-Dichloropropene	0.54033	0.51489	0.010	-4.7	50.0
	46 4-Methyl-2-pentanone	0.26017	0.23733	0.010	-8.8	50.0
$	47 Toluene-d8	1.15748	1.07849	0.010	-6.8	50.0
	48 Toluene (*)	1.22215	1.18697	0.010	-2.9	20.0
	49 trans-1,3-Dichloropropene	0.55799	0.54861	0.010	-1.7	50.0
	50 1,1,2-Trichloroethane	0.40315	0.37953	0.010	-5.9	50.0
	51 Tetrachloroethene	0.55481	0.56649	0.010	2.1	50.0
	52 1,3-Dichloropropane	0.63464	0.61767	0.010	-2.7	50.0
	53 2-Hexanone	0.22062	0.19557	0.010	-11.4	50.0
	54 Dibromochloromethane	0.73783	0.75535	0.010	2.4	50.0
	55 1,2-Dibromoethane	0.61043	0.59113	0.010	-3.2	50.0
	57 Chlorobenzene (**)	0.98253	0.96264	0.300	-2.0	50.0
	58 1,1,1,2-Tetrachloroethane	0.59402	0.59951	0.010	0.9	50.0
	59 Ethylbenzene (*)	0.45846	0.45059	0.010	-1.7	20.0
	60 m,p-Xylenes	0.57596	0.56588	0.010	-1.7	50.0
	61 o-Xylene	0.55644	0.53143	0.010	-4.5	50.0
	62 Styrene	0.92422	0.91998	0.010	-0.5	50.0
M	63 Xylenes (total)	0.56945	0.55440	0.010	-2.6	50.0
	64 Bromoform (**)	0.59517	0.61444	0.100	3.2	50.0
	65 Isopropylbenzene	1.75437	1.75757	0.010	0.2	50.0
	66 4-Bromofluorobenzene-2nd	0.99560	0.90830	0.010	-8.8	50.0
$	67 4-Bromofluorobenzene	1.32880	1.21391	0.010	-8.6	50.0
	68 Bromobenzene	0.83061	0.80646	0.010	-2.9	50.0
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.79445	0.300	-7.1	50.0
	70 1,2,3-Trichloropropane	0.28010	0.27834	0.010	-0.6	50.0
	71 n-Propylbenzene	2.58803	2.46447	0.010	-4.8	50.0
	72 2-Chlorotoluene	0.62571	0.61369	0.010	-1.9	50.0
	73 4-Chlorotoluene	0.65344	0.64476	0.010	-1.3	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 10-OCT-2000 21:39
Lab File ID: DS2532.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.00729	0.010	-3.6	50.0
75 tert-Butylbenzene	2.15036	2.05325	0.010	-4.5	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.03484	0.010	-4.0	50.0
77 sec-Butylbenzene	2.82015	2.62716	0.010	-6.8	50.0
78 1,3-Dichlorobenzene	1.39311	1.34892	0.010	-3.2	50.0
80 1,4-Dichlorobenzene	1.51990	1.45092	0.010	-4.5	50.0
81 p-Isopropyltoluene	2.32696	2.19169	0.010	-5.8	50.0
82 1,2-Dichlorobenzene	1.33233	1.27903	0.010	-4.0	50.0
83 n-Butylbenzene	2.22197	2.05169	0.010	-7.7	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.27535	0.010	-5.0	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.15714	0.010	-6.0	50.0
86 Hexachlorobutadiene	0.92928	0.77928	0.010	-16.1	50.0
87 Napthalene	1.86163	1.66450	0.010	-10.6	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.07406	0.010	-6.5	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1010BD.B/DS2532.D
Inj. Date : 10-OCT-2000 21:39

ICAL Mid Point : //SANP2021/D/chem/md.i/1004AD.B/DS2515.D
Inj. Date : 04-OCT-2000 11:03

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.08	0.02	1480718	1541323	104.1%
Chlorobenzene-d5	12.63	12.61	0.02	1259551	1328909	105.5%
1,4-Dichlorobenzene-d4	17.27	17.26	0.01	906122	976735	107.8%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\DS2532.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 10-OCT-2000 21:39
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1251-2;49-2;47-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.454	1.454	(0.205)	647448	50.0000	47.04
2 Vinyl chloride (*)	62	1.691	1.691	(0.239)	324715	50.0000	48.75
3 Chloromethane (**)	50	1.622	1.622	(0.229)	285116	50.0000	48.65
4 Bromomethane	94	1.967	1.967	(0.278)	340649	50.0000	50.26
5 Chloroethane	64	2.055	2.055	(0.290)	225569	50.0000	52.40
6 Trichlorofluoromethane	101	2.292	2.292	(0.324)	1151556	50.0000	52.15
7 Acrolein	56	2.686	2.686	(0.379)	130905	500.000	317.2(AQ)
8 1,1-Dichloroethene(*)	96	2.775	2.775	(0.392)	395677	50.0000	45.58
9 1,1,2-Trichlorotrifluoroethan	151	2.794	2.794	(0.395)	688640	50.0000	47.55
10 Acetone	43	2.853	2.853	(0.403)	376887	250.000	220.9(Q)
11 Iodomethane	142	2.932	2.932	(0.414)	1587922	100.000	94.95
12 Carbon disulfide	76	2.991	2.991	(0.423)	937826	50.0000	48.16
13 Methylene chloride	84	3.317	3.317	(0.468)	418658	50.0000	47.47
14 t-Butanol	59	2.568	2.568	(0.363)	250391	1250.00	1118

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.661	3.661	(0.517)	473723	50.0000	47.04
	16 Acrylonitrile	53	3.642	3.642	(0.514)	616355	500.000	469.8(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.701	3.701	(0.523)	1077850	50.0000	46.48
	18 1,1-Dichloroethane (**)	63	4.243	4.243	(0.599)	832980	50.0000	48.00
	19 Vinyl acetate	43	4.390	4.390	(0.620)	1856021	100.000	82.95
	20 Isopropyl ether	45	4.410	4.410	(0.623)	1391073	50.0000	46.35
	21 2,2-Dichloropropane	77	5.129	5.129	(0.724)	908238	50.0000	48.22
	22 Tert-butyl ethyl ether	59	5.001	5.001	(0.706)	1322547	50.0000	46.08
	23 cis-1,2-Dichloroethene	96	5.159	5.159	(0.729)	505041	50.0000	49.41
	24 2-Butanone	43	5.247	5.247	(0.741)	616989	250.000	208.2
	25 Bromochloromethane	128	5.543	5.543	(0.783)	334466	50.0000	49.58
	26 Chloroform (*)	83	5.710	5.710	(0.807)	1081005	50.0000	47.88
	27 Tetrahydrofuran	42	5.661	5.661	(0.800)	93136	50.0000	52.01
M	28 1,2-Dichloroethene (total)	100				978764	100.000	96.45
$	29 Dibromofluoromethane	111	5.977	5.977	(0.844)	1074663	50.0000	49.02
	30 1,1,1-Trichloroethane	97	5.957	5.957	(0.841)	1171071	50.0000	49.82
	31 Carbon Tetrachloride	117	6.233	6.233	(0.880)	1115575	50.0000	49.62
	32 1,1-Dichloropropene	75	6.243	6.243	(0.882)	806123	50.0000	48.14
$	33 1,2-Dichloroethane-d4	65	6.499	6.499	(0.918)	683530	50.0000	46.19
	34 1,2-Dichloroethane-d4 2nd	102	6.518	6.518	(0.921)	147425	50.0000	49.38
	35 Benzene	78	6.578	6.578	(0.929)	1254393	50.0000	47.96
	36 1,2-Dichloroethane	62	6.637	6.637	(0.937)	793600	50.0000	48.18
	37 Tert-amyl methyl ether	73	6.873	6.873	(0.971)	1281808	50.0000	47.08
*	38 Fluorobenzene	96	7.080	7.080	(1.000)	1541323	50.0000	
	39 Trichloroethene	130	7.720	7.720	(1.090)	746422	50.0000	51.81
	40 1,2-Dichloropropane(*)	63	8.114	8.114	(1.146)	513648	50.0000	48.16
	41 Dibromomethane	93	8.321	8.321	(1.175)	497809	50.0000	50.11
	42 Bromodichloromethane	83	8.637	8.637	(1.220)	1124116	50.0000	50.92
	43 1-Bromo-2-chloroethane	63	9.149	9.149	(1.292)	1234947	50.0000	50.81
	44 2-Chloroethylvinyl ether	106	9.257	9.257	(1.308)	155709	100.000	115.0(AQ)
	45 cis-1,3-Dichloropropene	75	9.454	9.454	(1.335)	793605	50.0000	47.64
	46 4-Methyl-2-pentanone	43	9.799	9.799	(1.384)	1828992	250.000	228.0
$	47 Toluene-d8	98	9.908	9.908	(0.786)	1433216	50.0000	46.59
	48 Toluene (*)	91	10.026	10.026	(0.795)	1577377	50.0000	48.56
	49 trans-1,3-Dichloropropene	75	10.518	10.518	(0.834)	729057	50.0000	49.16
	50 1,1,2-Trichloroethane	97	10.834	10.834	(0.859)	504360	50.0000	47.07
	51 Tetrachloroethene	164	11.031	11.031	(0.875)	752814	50.0000	51.05
	52 1,3-Dichloropropane	76	11.129	11.129	(0.883)	820826	50.0000	48.66
	53 2-Hexanone	43	11.376	11.376	(0.902)	1299451	250.000	221.6
	54 Dibromochloromethane	129	11.523	11.523	(0.914)	1003786	50.0000	51.19
	55 1,2-Dibromoethane	107	11.691	11.691	(0.927)	785552	50.0000	48.42
*	56 Chlorobenzene-d5	117	12.607	12.607	(1.000)	1328909	50.0000	
	57 Chlorobenzene (**)	112	12.656	12.656	(1.004)	1279254	50.0000	48.99
	58 1,1,1,2-Tetrachloroethane	131	12.844	12.844	(1.019)	796694	50.0000	50.46
	59 Ethylbenzene (*)	106	12.922	12.922	(1.025)	598794	50.0000	49.14
	60 m,p-Xylenes	106	13.169	13.169	(1.045)	1504011	100.000	98.25
	61 o-Xylene	106	13.908	13.908	(1.103)	706219	50.0000	47.75

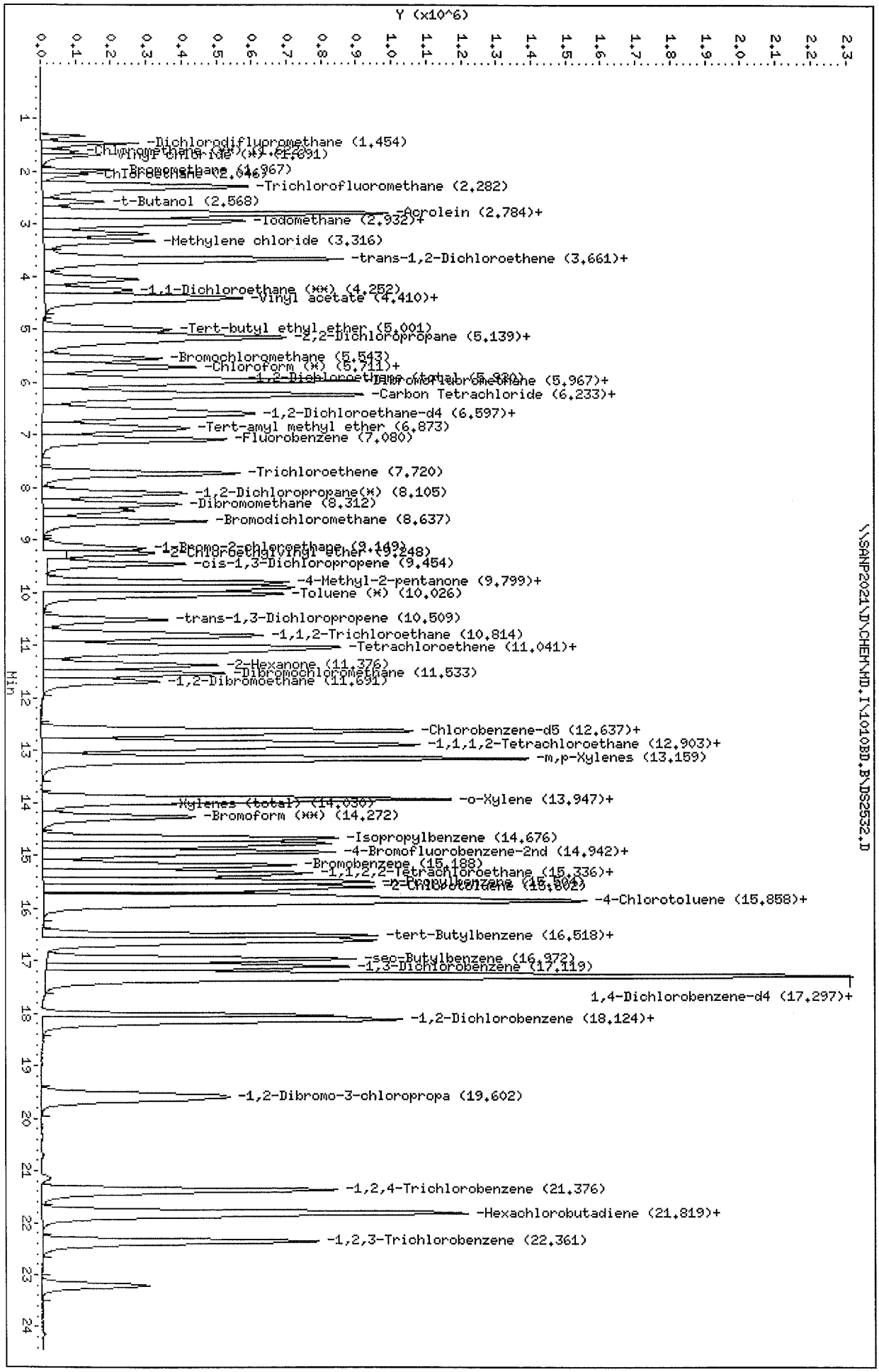
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.957	13.957	(1.107)	1222570	50.0000	49.77
M	63 Xylenes (total)	100				2210231	150.000	146.0
	64 Bromoform (**)	173	14.282	14.282	(1.133)	816536	50.0000	51.62
	65 Isopropylbenzene	105	14.676	14.676	(1.164)	2335648	50.0000	50.09
	66 4-Bromofluorobenzene-2nd	174	14.942	14.942	(0.866)	887165	50.0000	45.62
$	67 4-Bromofluorobenzene	95	14.952	14.952	(0.866)	1185665	50.0000	45.68
	68 Bromobenzene	156	15.188	15.188	(0.880)	787700	50.0000	48.55
	69 1,1,2,2-Tetrachloroethane(**)	83	15.326	15.326	(0.888)	775963	50.0000	46.45
	70 1,2,3-Trichloropropane	110	15.356	15.356	(0.890)	271867	50.0000	49.69
	71 n-Propylbenzene	91	15.514	15.514	(0.899)	2407134	50.0000	47.61
	72 2-Chlorotoluene	126	15.622	15.622	(0.905)	599417	50.0000	49.04
	73 4-Chlorotoluene	126	15.848	15.848	(0.918)	629761	50.0000	49.34
	74 1,3,5-Trimethylbenzene	105	15.898	15.898	(0.921)	1960595	50.0000	48.21
	75 tert-Butylbenzene	119	16.518	16.518	(0.957)	2005479	50.0000	47.74
	76 1,2,4-Trimethylbenzene	105	16.627	16.627	(0.963)	1987500	50.0000	48.00
	77 sec-Butylbenzene	105	16.972	16.972	(0.983)	2566043	50.0000	46.58
	78 1,3-Dichlorobenzene	146	17.119	17.119	(0.992)	1317539	50.0000	48.41
*	79 1,4-Dichlorobenzene-d4	152	17.257	17.257	(1.000)	976735	50.0000	
	80 1,4-Dichlorobenzene	146	17.307	17.307	(1.003)	1417164	50.0000	47.73
	81 p-Isopropyltoluene	119	17.297	17.297	(1.002)	2140699	50.0000	47.09
	82 1,2-Dichlorobenzene	146	18.036	18.036	(1.045)	1249273	50.0000	48.00
	83 n-Butylbenzene	91	18.134	18.134	(1.051)	2003955	50.0000	46.17
	84 1,2-Dibromo-3-chloropropane	157	19.661	19.661	(1.139)	268941	50.0000	47.49
	85 1,2,4-Trichlorobenzene	180	21.376	21.376	(1.239)	1130215	50.0000	47.02
	86 Hexachlorobutadiene	225	21.799	21.799	(1.263)	761145	50.0000	41.93
	87 Napthalene	128	21.839	21.839	(1.265)	1625772	50.0000	44.70
	88 1,2,3-Trichlorobenzene	180	22.371	22.371	(1.296)	1049071	50.0000	46.77

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\DS2532.D
Date : 10-OCT-2000 21:39
Client ID:
Sample Info: 50 PPB 8260B STD,,3.0,,8260BDA.M
Column phase: J&W DB-624

Instrument: md.i
Operator: GFB
Column diameter: 0.53



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12894.D
Lab Smp Id: LCS-1010BD Client Smp ID: D12894
Inj Date : 10-OCT-2000 22:24
Operator : GFB Inst ID: md.i
Smp Info : LCS-1010BD,LCS,2,,0,1,0,8260BDA.M,D12894
Misc Info : 1244-2,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.775	2.775	(0.392)	407522	48.1998	48.20
$ 29 Dibromofluoromethane	111	5.967	5.977	(0.844)	1040556	48.7356	48.74
$ 33 1,2-Dichloroethane-d4	65	6.509	6.499	(0.921)	673495	46.7329	46.73
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.518	(0.921)	143827	49.4672	49.47
35 Benzene	78	6.578	6.578	(0.930)	1239230	48.6474	48.65
* 38 Fluorobenzene	96	7.071	7.080	(1.000)	1501067	50.0000	
39 Trichloroethene	130	7.721	7.720	(1.092)	707149	50.4048	50.40
$ 47 Toluene-d8	98	9.908	9.908	(0.786)	1378350	46.9230	46.92
48 Toluene (*)	91	10.036	10.026	(0.797)	1493627	48.1571	48.16
* 56 Chlorobenzene-d5	117	12.598	12.607	(1.000)	1268903	50.0000	
57 Chlorobenzene (**)	112	12.657	12.656	(1.005)	1225642	49.1541	49.15
$ 67 4-Bromofluorobenzene	95	14.933	14.952	(0.865)	1147170	45.8788	45.88
66 4-Bromofluorobenzene-2nd	174	14.933	14.942	(0.865)	875930	46.7554	46.76
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.257	(1.000)	940859	50.0000	

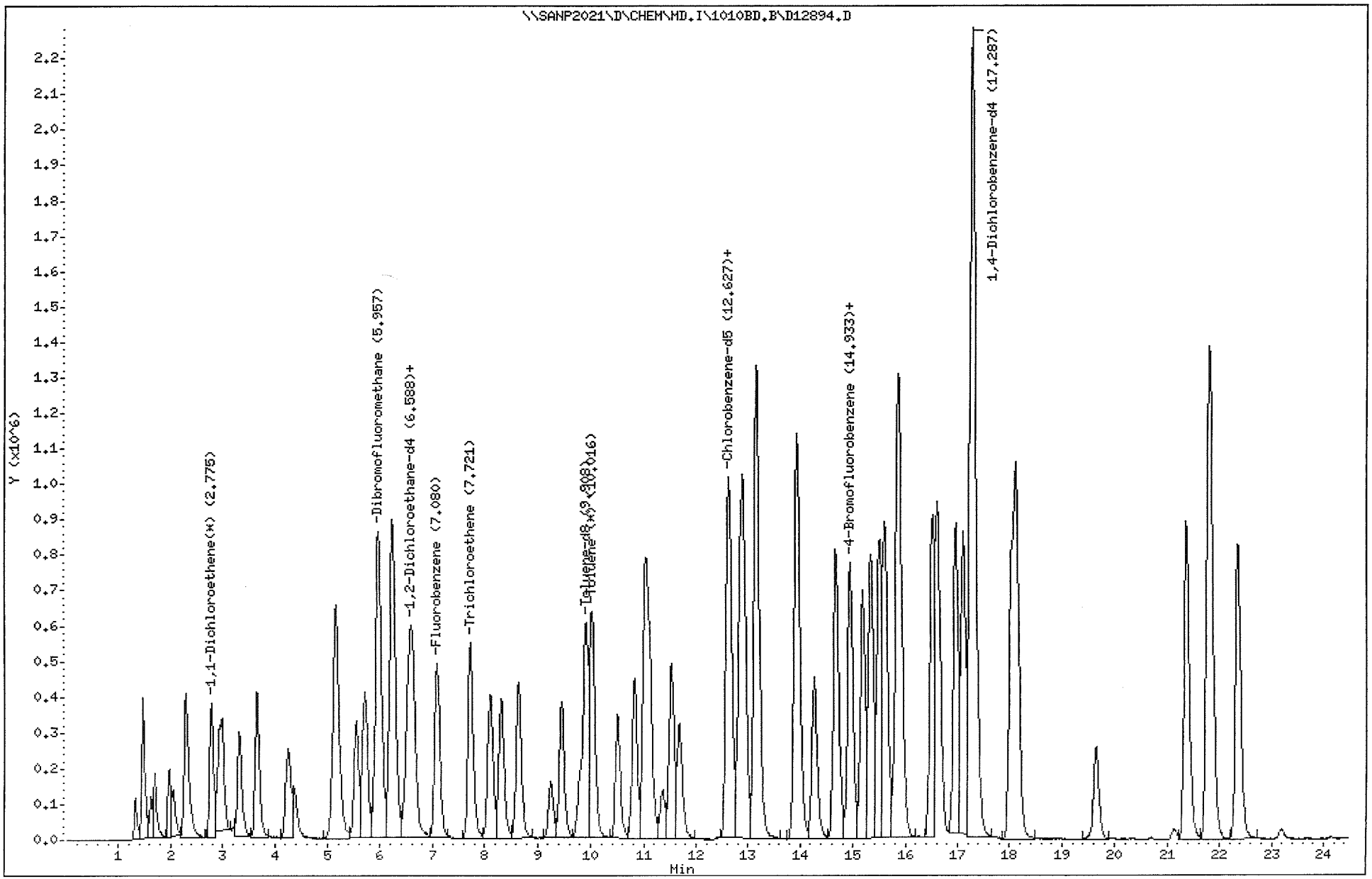
Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12894.D
Date : 10-OCT-2000 22:24
Client ID: D12894
Sample Info: LCS-1010BD,LCS,2,,0,1,0,8260BDA.M,D12894

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159345

000926

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12895.D
Lab Smp Id: MB-1010BD Client Smp ID: D12895
Inj Date : 10-OCT-2000 22:56
Operator : GFB Inst ID: md.i
Smp Info : MB-1010BD,BLANK,2,,0,1,0,8260BDA.M,D12895
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.977	5.977	(0.844)	933265	46.4740	46.47	
$ 33 1,2-Dichloroethane-d4	65	6.509	6.499	(0.919)	613728	45.2781	45.28	
34 1,2-Dichloroethane-d4 2nd	102	6.509	6.518	(0.919)	125431	45.8677	45.87	
* 38 Fluorobenzene	96	7.081	7.080	(1.000)	1411811	50.0000		
$ 47 Toluene-d8	98	9.908	9.908	(0.786)	1309866	45.1701	45.17	
* 56 Chlorobenzene-d5	117	12.608	12.607	(1.000)	1252653	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.943	14.942	(0.866)	812466	44.7548	44.75	
$ 67 4-Bromofluorobenzene	95	14.933	14.952	(0.865)	1087057	44.8652	44.86	
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.257	(1.000)	911699	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12895.D
Lab Smp Id: MB-1010BD Client Smp ID: D12895
Inj Date : 10-OCT-2000 22:56
Operator : GFB Inst ID: md.i
Smp Info : MB-1010BD,BLANK,2,,0,1,0,8260BDA.M,D12895
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.081	3303008	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	453838	6.87007496	6.87	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1010BD
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12895
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ CO2	1.317	6.87	J

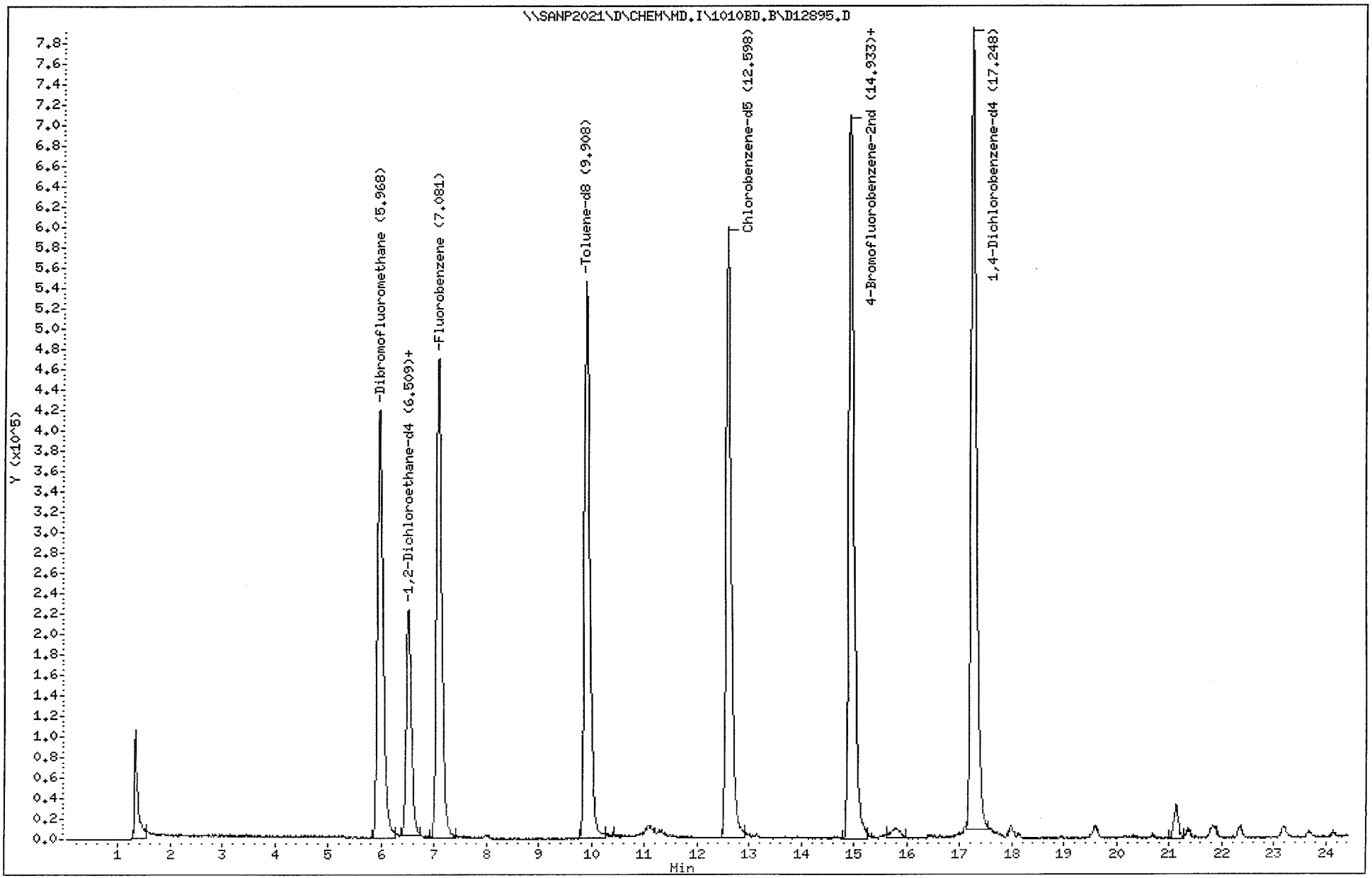
Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12895.D
Date : 10-OCT-2000 22:56
Client ID: D12895
Sample Info: MB-1010BD,BLANK,2,,0,1,0,8260BDA.M,D12895

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159349

000930

Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12895.D

Date : 10-OCT-2000 22:56

Client ID: D12895

Instrument: md.i

Sample Info: MB-1010BD,BLANK,2,,0,1,0,8260BDA,M,D12895

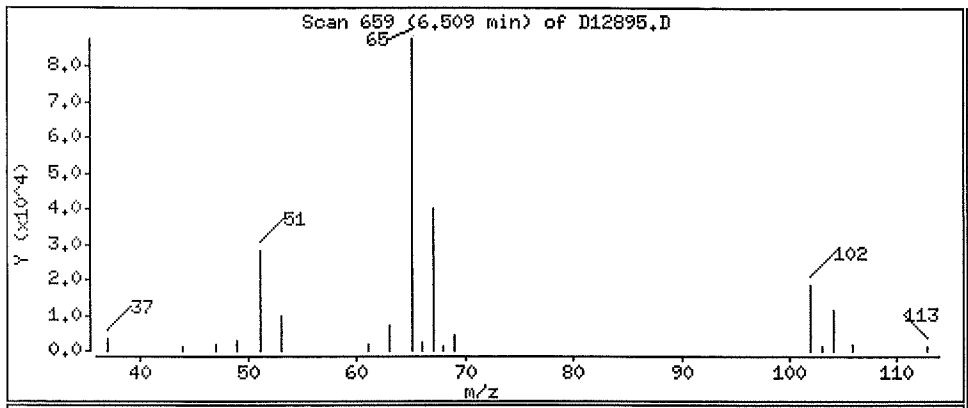
Operator: GFB

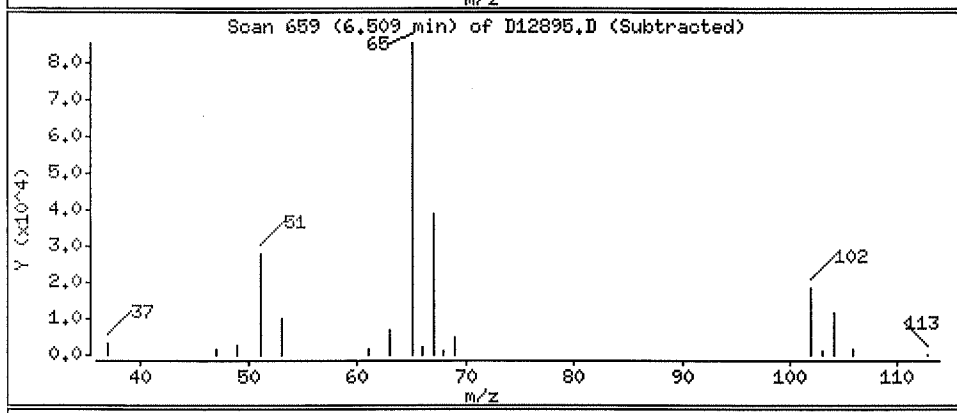
Column phase: J&W DB-624

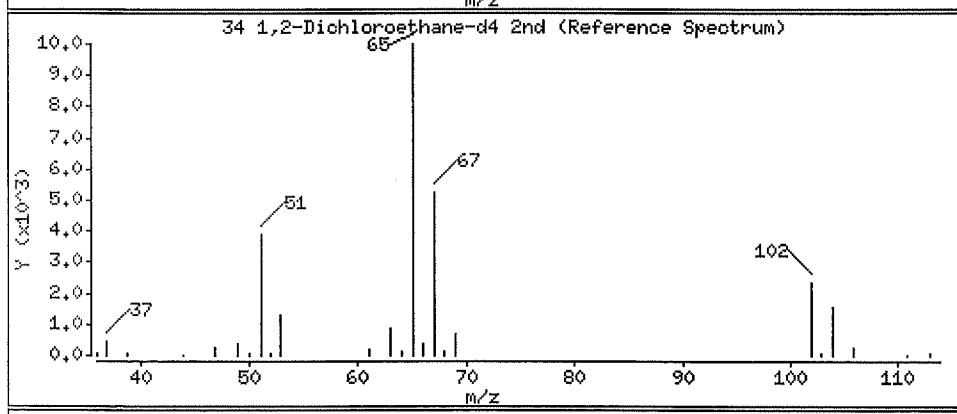
Column diameter: 0.53

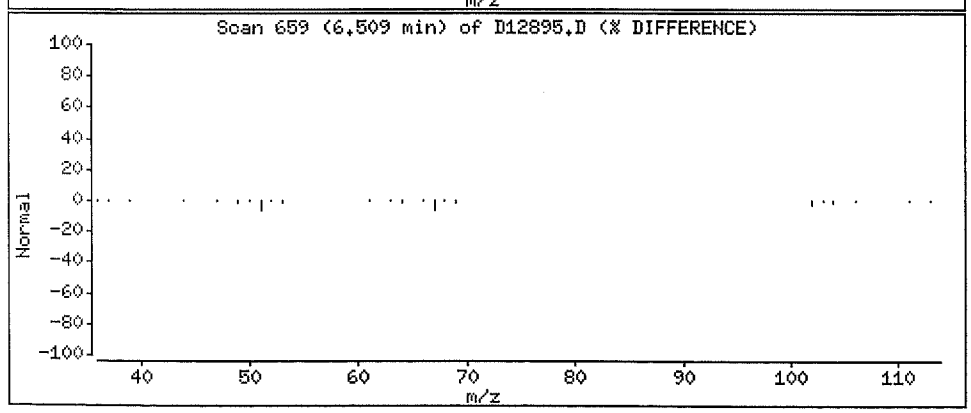
34 1,2-Dichloroethane-d4 2nd

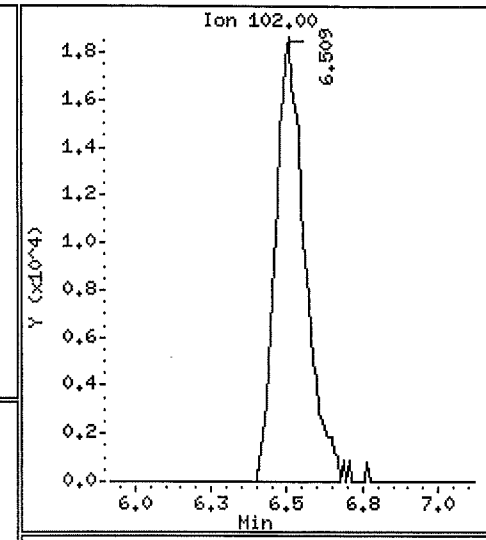
Concentration: 45.87 ug/Kg

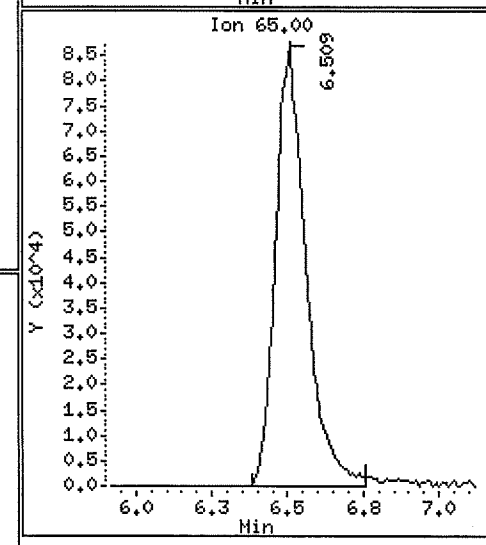












Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12895.D

Date : 10-OCT-2000 22:56

Client ID: D12895

Instrument: md.i

Sample Info: MB-1010BD,BLANK,2,,0,1,0,8260BDA.M,D12895

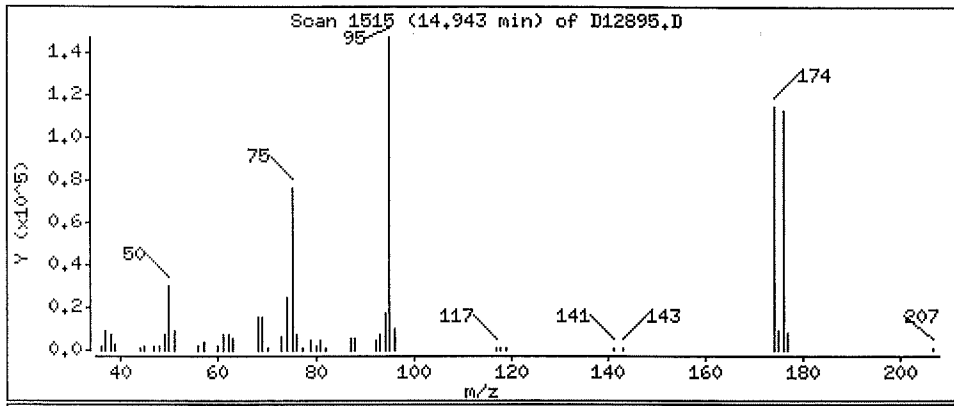
Operator: GFB

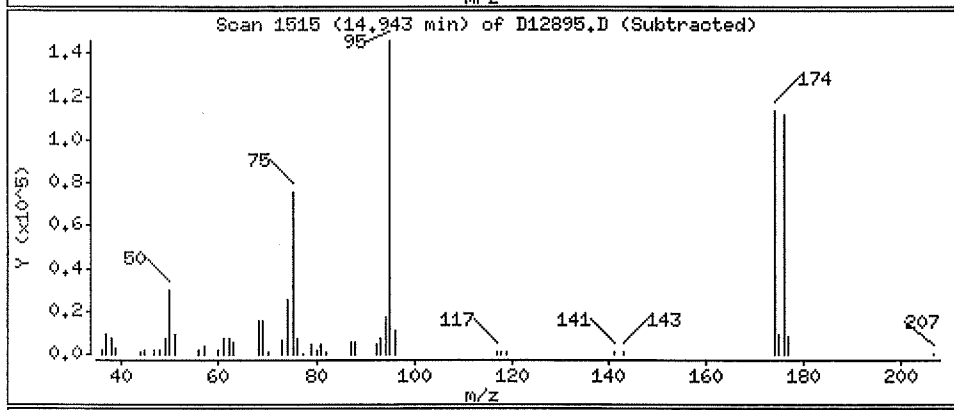
Column phase: J&W DB-624

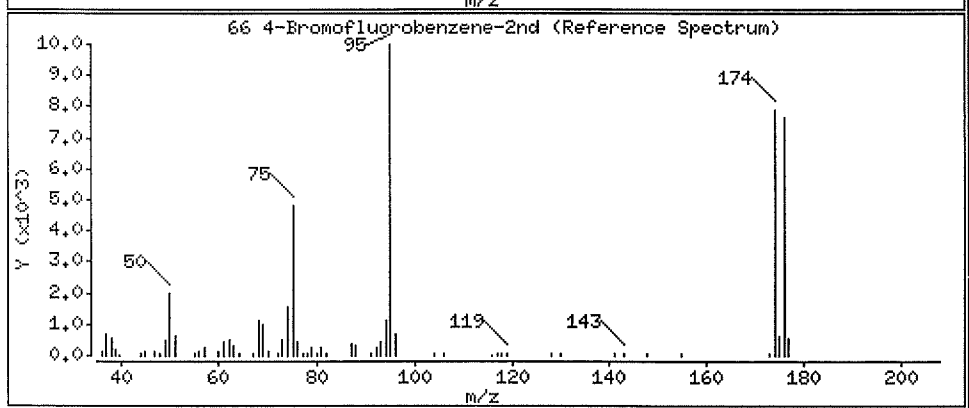
Column diameter: 0.53

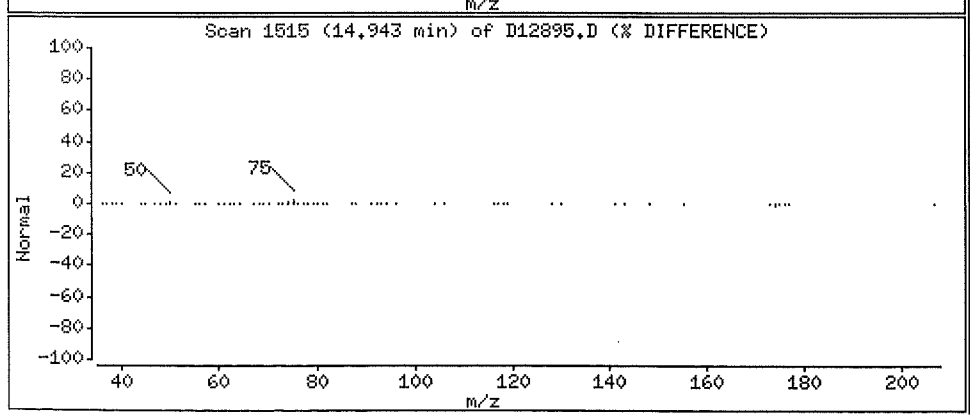
66 4-Bromofluorobenzene-2nd

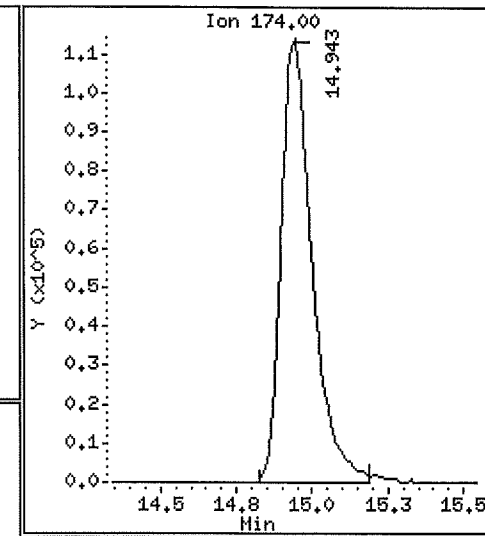
Concentration: 44.75 ug/Kg

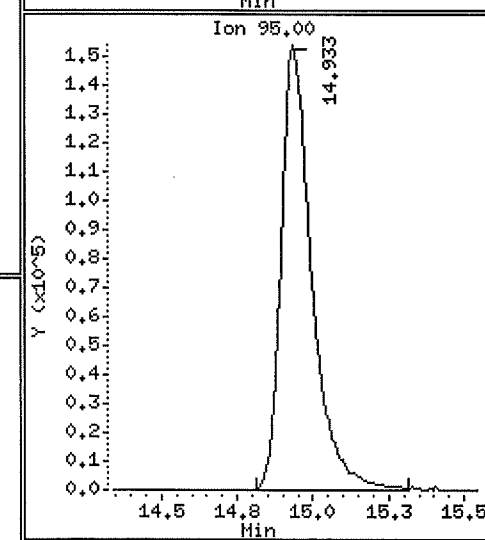


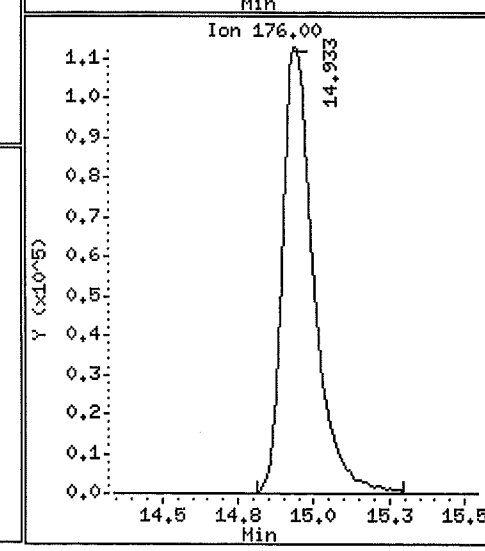












Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12895.D

Date : 10-OCT-2000 22:56

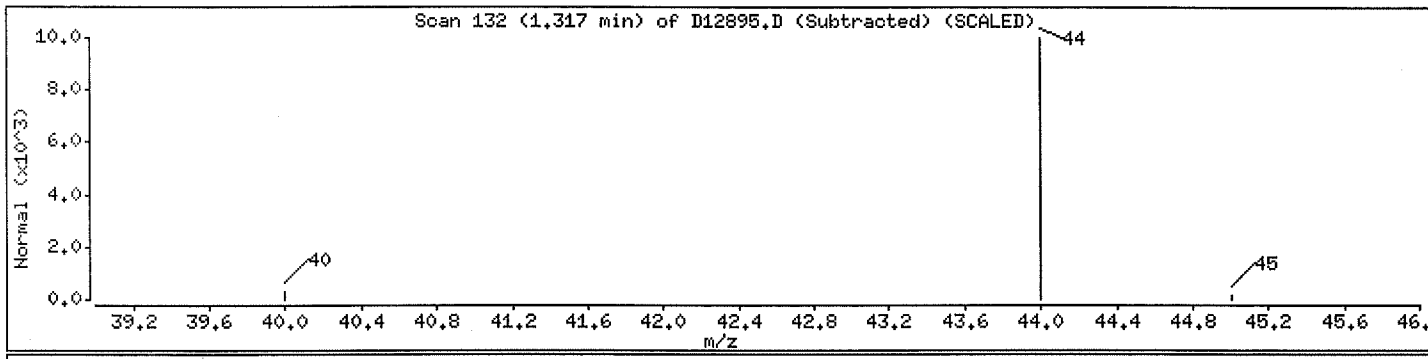
Client ID: D12895 Instrument: md.i

Sample Info: MB-1010BD,BLANK,2,,0,1,0,8260BDA.M,D12895

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12904.D
Lab Smp Id: DLFGE102 Client Smp ID: D12904
Inj Date : 11-OCT-2000 03:41
Operator : GFB Inst ID: md.i
Smp Info : DLFGE102,MS,2,,0,1,0,8260BDA.M,D12904
Misc Info : 150-1S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.770	2.775	(0.391)	320400	43.6351	43.64
$ 29 Dibromofluoromethane	111	5.952	5.977	(0.841)	943342	50.8744	50.87
$ 33 1,2-Dichloroethane-d4	65	6.504	6.499	(0.919)	587807	46.9647	46.96
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.518	(0.921)	111329	44.0894	44.09
35 Benzene	78	6.573	6.578	(0.929)	996896	45.0615	45.06
* 38 Fluorobenzene	96	7.075	7.080	(1.000)	1303621	50.0000	
39 Trichloroethene	130	7.716	7.720	(1.091)	601157	49.3398	49.34
$ 47 Toluene-d8	98	9.913	9.908	(0.787)	1208157	45.7359	45.74
48 Toluene (*)	91	10.021	10.026	(0.796)	1260272	45.1846	45.18
* 56 Chlorobenzene-d5	117	12.593	12.607	(1.000)	1141092	50.0000	
57 Chlorobenzene (**)	112	12.652	12.656	(1.005)	1034871	46.1520	46.15
$ 67 4-Bromofluorobenzene	95	14.947	14.952	(0.867)	1024229	44.7002	44.70
66 4-Bromofluorobenzene-2nd	174	14.938	14.942	(0.866)	794031	46.2516	46.25
* 79 1,4-Dichlorobenzene-d4	152	17.243	17.257	(1.000)	862178	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12904.D

Date : 11-OCT-2000 03:41

Client ID: D12904

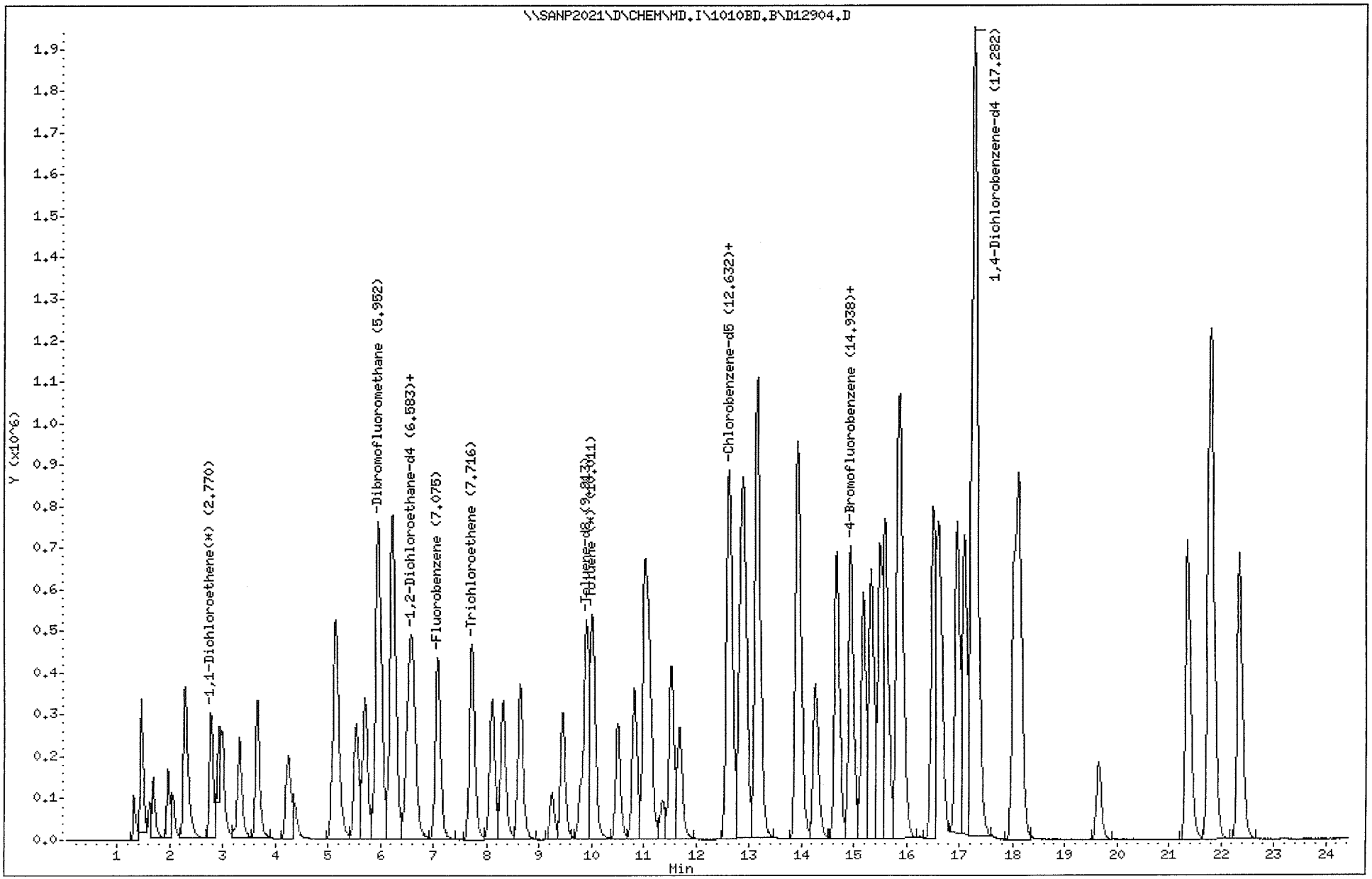
Sample Info: DLFGE102,MS,2,,0,1,0,8260BDA.M,D12904

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000935

BOE-C6-0159354

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12905.D
Lab Smp Id: DLFGE103 Client Smp ID: D12905
Inj Date : 11-OCT-2000 04:12
Operator : GFB Inst ID: md.i
Smp Info : DLFGE103,MSD,2,,0,1,0,8260BDA.M,D12905
Misc Info : 150-1D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.774	2.775	(0.392)	325459	43.7334	43.73
$ 29 Dibromofluoromethane	111	5.966	5.977	(0.843)	884895	47.0865	47.09
$ 33 1,2-Dichloroethane-d4	65	6.498	6.499	(0.918)	590786	46.5738	46.57
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.518	(0.921)	117849	46.0497	46.05
35 Benzene	78	6.567	6.578	(0.928)	1011552	45.1148	45.11
* 38 Fluorobenzene	96	7.080	7.080	(1.000)	1321226	50.0000	
39 Trichloroethene	130	7.720	7.720	(1.090)	605353	49.0222	49.02
$ 47 Toluene-d8	98	9.907	9.908	(0.786)	1237934	46.3480	46.35
48 Toluene (*)	91	10.025	10.026	(0.796)	1261265	44.7231	44.72
* 56 Chlorobenzene-d5	117	12.597	12.607	(1.000)	1153775	50.0000	
57 Chlorobenzene (**)	112	12.646	12.656	(1.004)	1040156	45.8777	45.88
$ 67 4-Bromofluorobenzene	95	14.932	14.952	(0.865)	1028633	45.5796	45.58
66 4-Bromofluorobenzene-2nd	174	14.942	14.942	(0.866)	792190	46.8507	46.85
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.257	(1.000)	849179	50.0000	

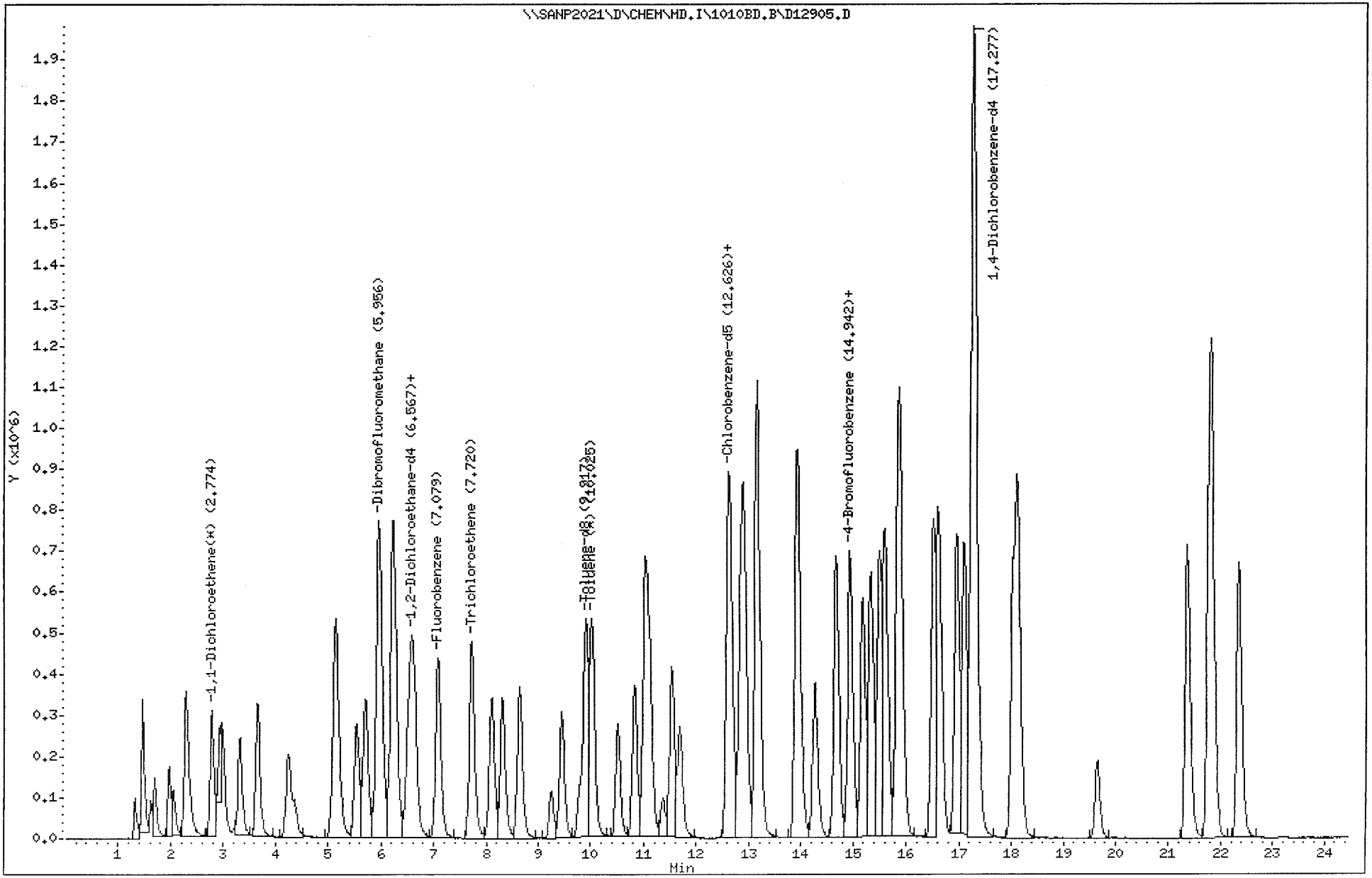
Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12905.D
Date : 11-OCT-2000 04:12
Client ID: D12905
Sample Info: DLFGE103,MSD,2,,0,1,0,8260BDA.M,D12905

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000937

BOE-C6-0159356

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12896.D
Lab Smp Id: DLC8W101 Client Smp ID: D12896
Inj Date : 10-OCT-2000 23:27
Operator : GFB Inst ID: md.i
Smp Info : DLC8W101,,2,,0,1,0,8260BDA.M,D12896
Misc Info : E0I290371-39,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.978	5.977	(0.844)	928933	47.7880	47.79
$ 33 1,2-Dichloroethane-d4	65	6.519	6.499	(0.921)	594116	45.2806	45.28
34 1,2-Dichloroethane-d4 2nd	102	6.510	6.518	(0.919)	118359	44.7128	44.71
* 38 Fluorobenzene	96	7.081	7.080	(1.000)	1366618	50.0000	
$ 47 Toluene-d8	98	9.918	9.908	(0.787)	1267712	44.7789	44.78
* 56 Chlorobenzene-d5	117	12.608	12.607	(1.000)	1222929	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.953	14.942	(0.866)	788452	47.0360	47.04
$ 67 4-Bromofluorobenzene	95	14.943	14.952	(0.866)	1036489	46.3278	46.33
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.257	(1.000)	841844	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12896.D
Lab Smp Id: DLC8W101 Client Smp ID: D12896
Inj Date : 10-OCT-2000 23:27
Operator : GFB Inst ID: md.i
Smp Info : DLC8W101,,2,,0,1,0,8260BDA.M,D12896
Misc Info : E0I290371-39,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.081	3230360	50.000
* 79 1,4-Dichlorobenzene-d4	17.258	5096140	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	483531	7.48416625	7.48	0		0	38
~~2-Phenyl-1,2-bis(trimethylsilyloxy)propa~~ capbleed (septa)				CAS #: 0-00-0			
23.189	996111	9.77319266	9.77	38	NBS75K.L	42034	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8W101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12896
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown CO2	1.318	7.48	J
2. 0-00-0	2-Phenyl-1,2-~~bis(trimethyl~~s	23.189	9.77	NJ

Cap bled from vial (septa)

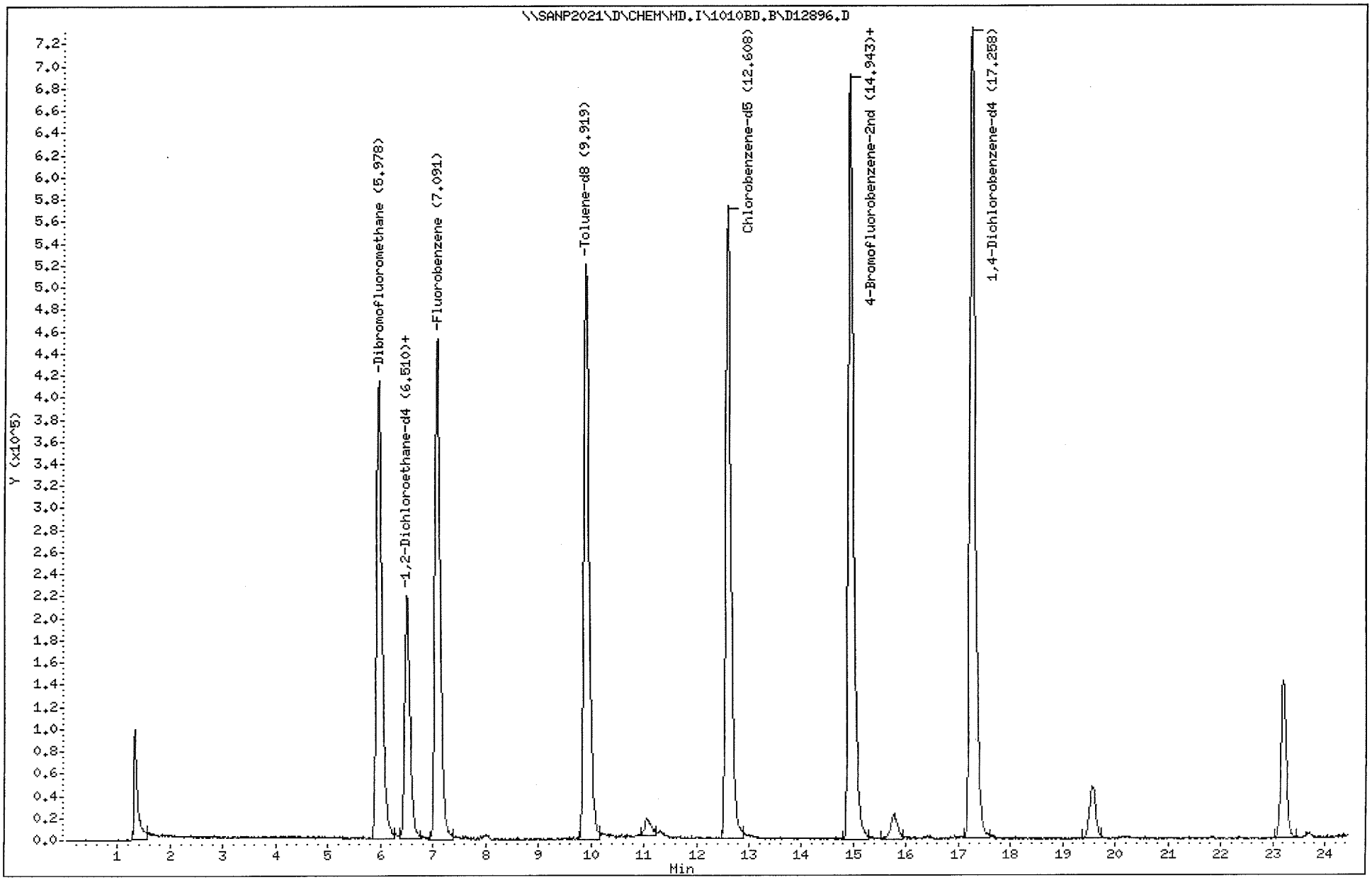
Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12896.D
Date : 10-OCT-2000 23:27
Client ID: D12896
Sample Info: DLC8W101,,2,,0,1,0,8260BDA.M,D12896

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0159360

000941

Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12896.D

Date : 10-OCT-2000 23:27

Client ID: D12896

Instrument: md.i

Sample Info: DLC8W101,,2,,0,1,0,8260BDA.M,D12896

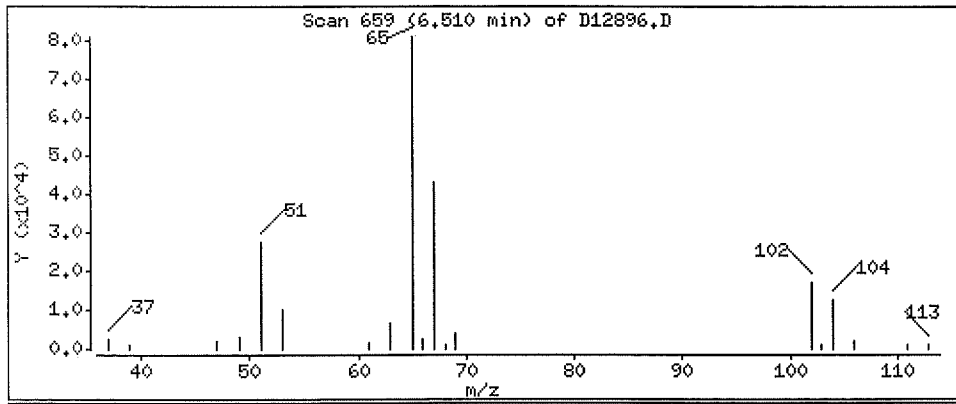
Operator: GFB

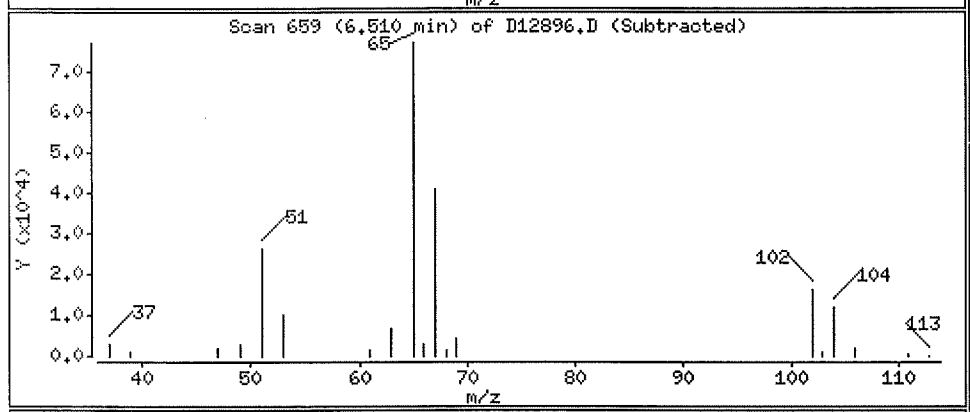
Column phase: J&W DB-624

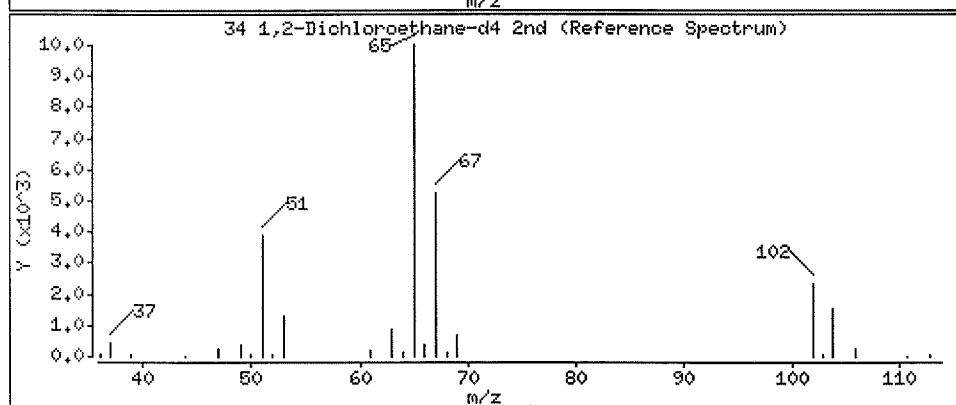
Column diameter: 0.53

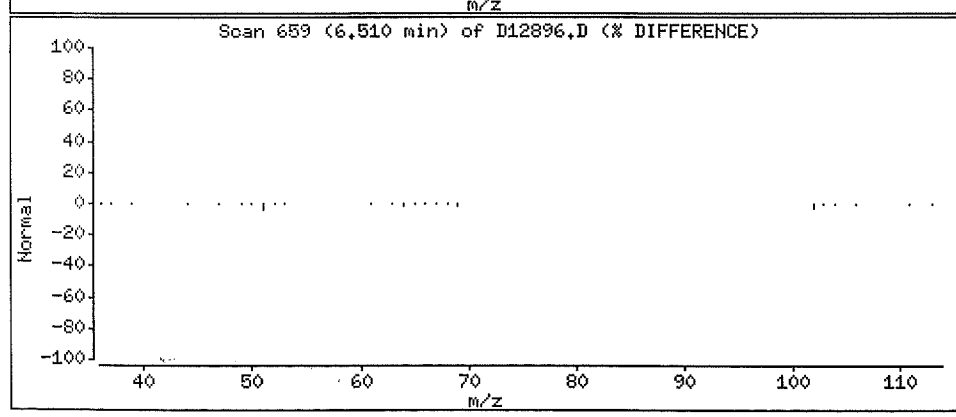
34 1,2-Dichloroethane-d4 2nd

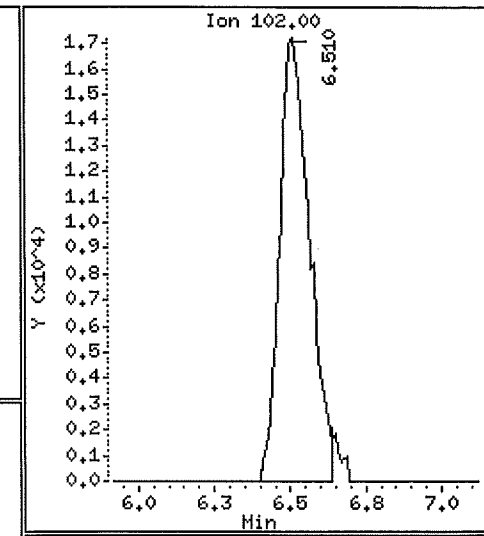
Concentration: 44.71 ug/Kg

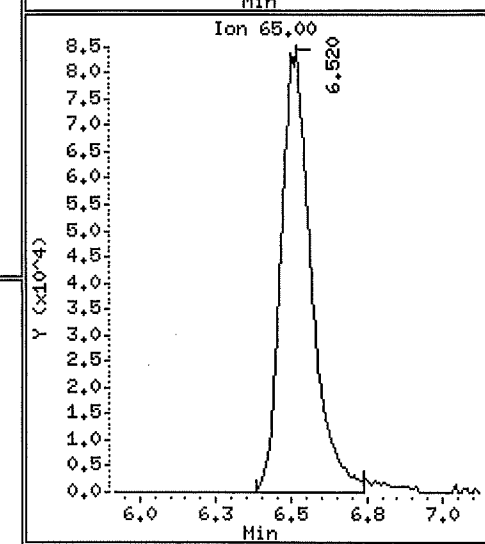












Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12896.D

Date : 10-OCT-2000 23:27

Client ID: D12896

Instrument: md.i

Sample Info: DLC8W101,,2,,0,1,0,8260BDA.M,D12896

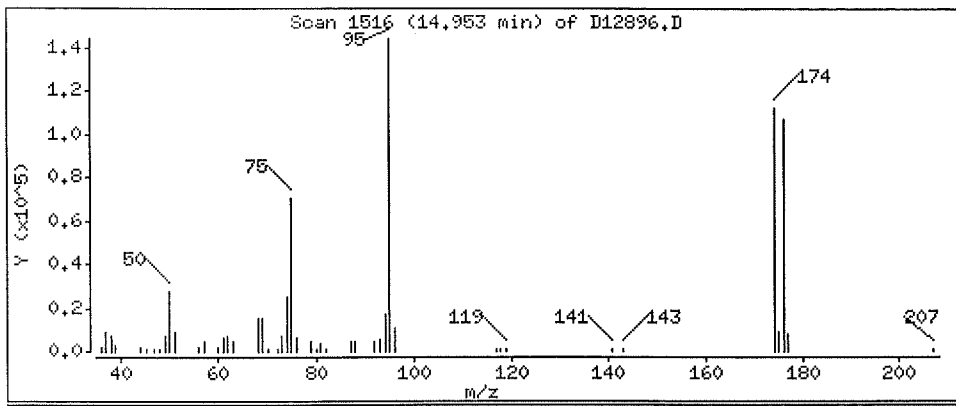
Operator: GFB

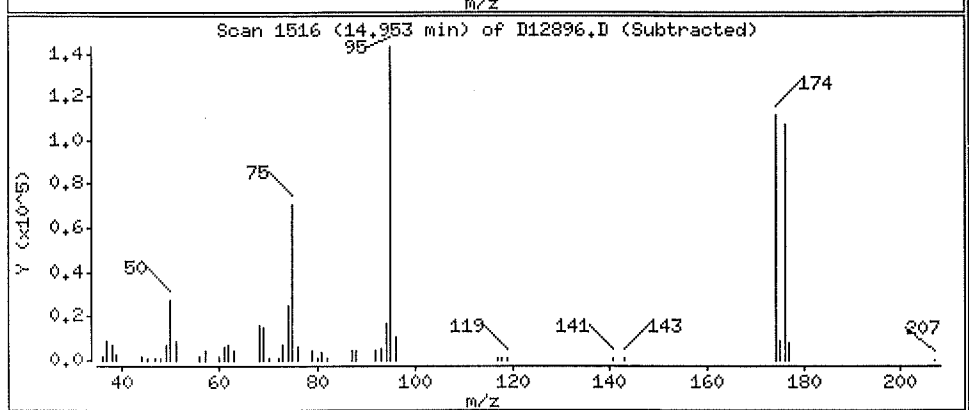
Column phase: J&W DB-624

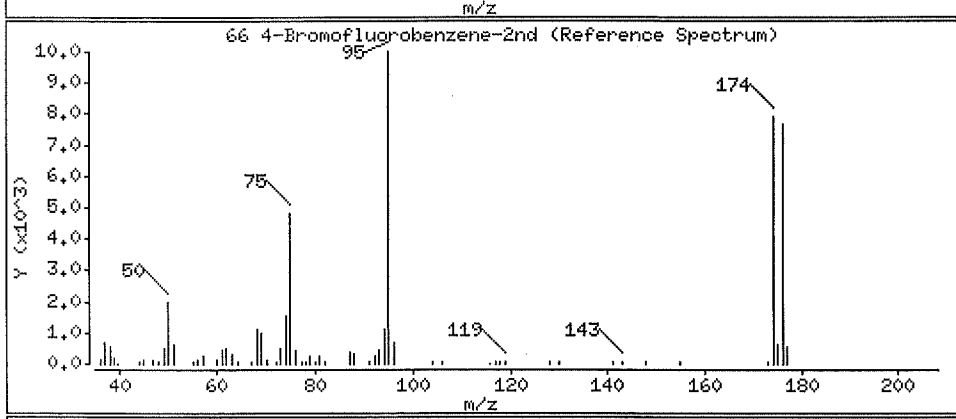
Column diameter: 0.53

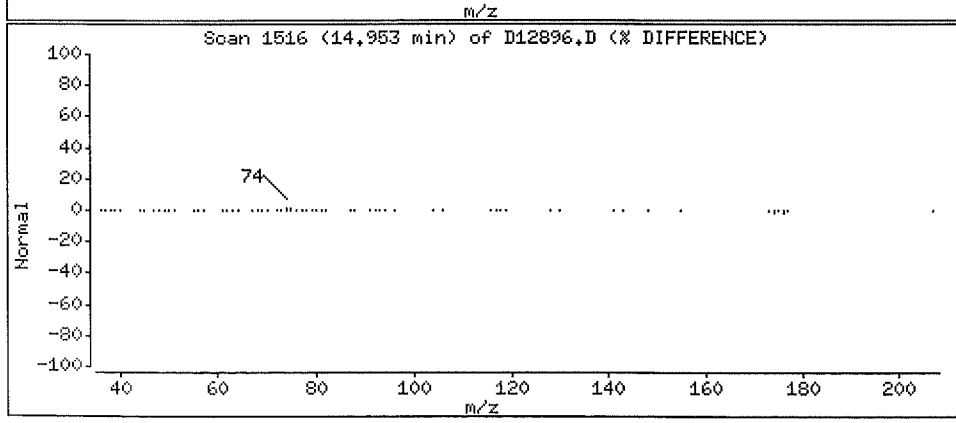
66 4-Bromofluorobenzene-2nd

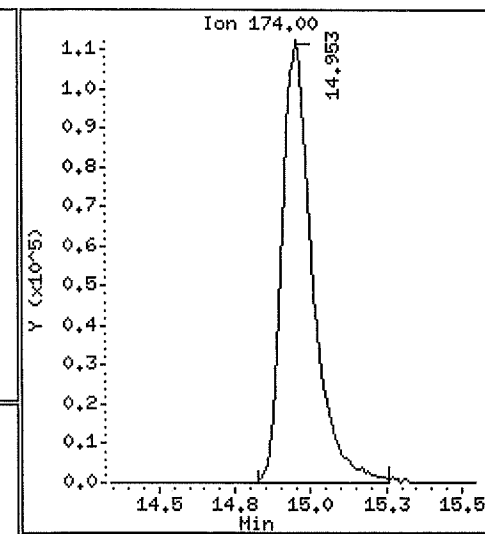
Concentration: 47.04 ug/Kg

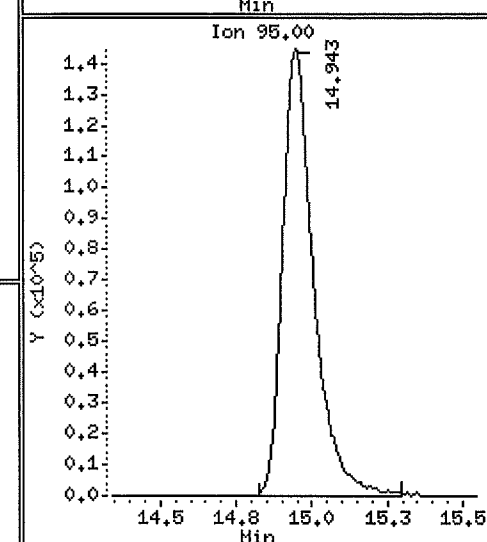


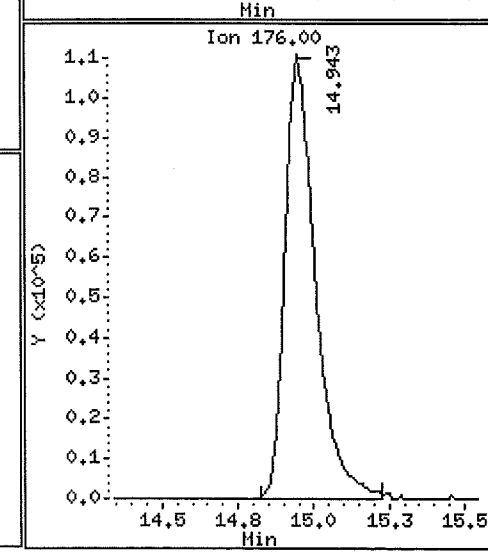












Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12896.D

Date : 10-OCT-2000 23:27

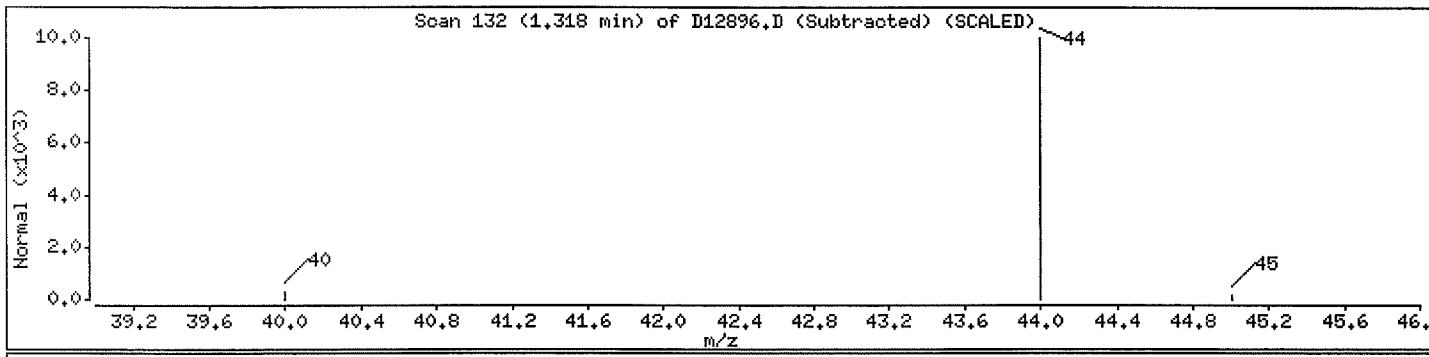
Client ID: D12896 Instrument: md.i

Sample Info: DLC8W101,,2,,0,1,0,8260BDA.M,D12896

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12896.D

Date : 10-OCT-2000 23:27

Client ID: D12896

Instrument: md.i

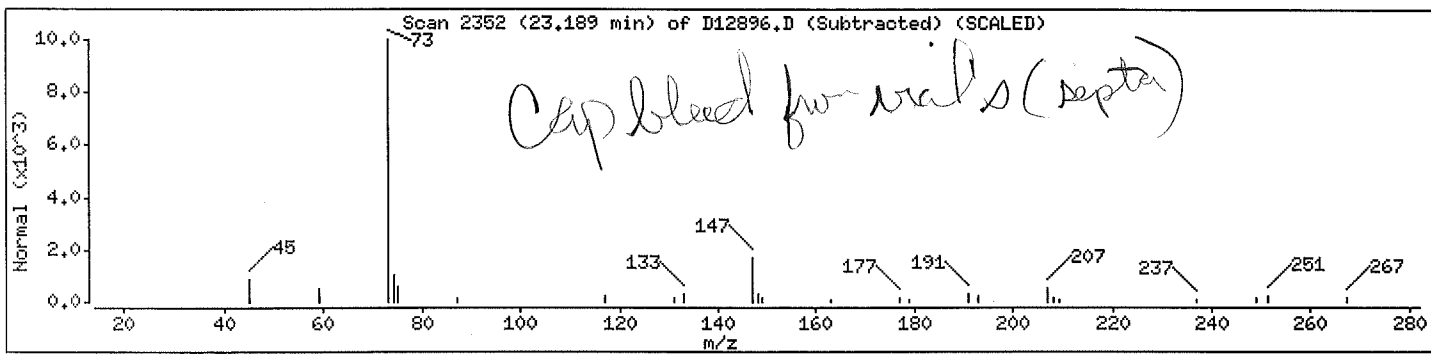
Sample Info: DLC8W101,,2,,0,1,0,8260BDA.M,D12896

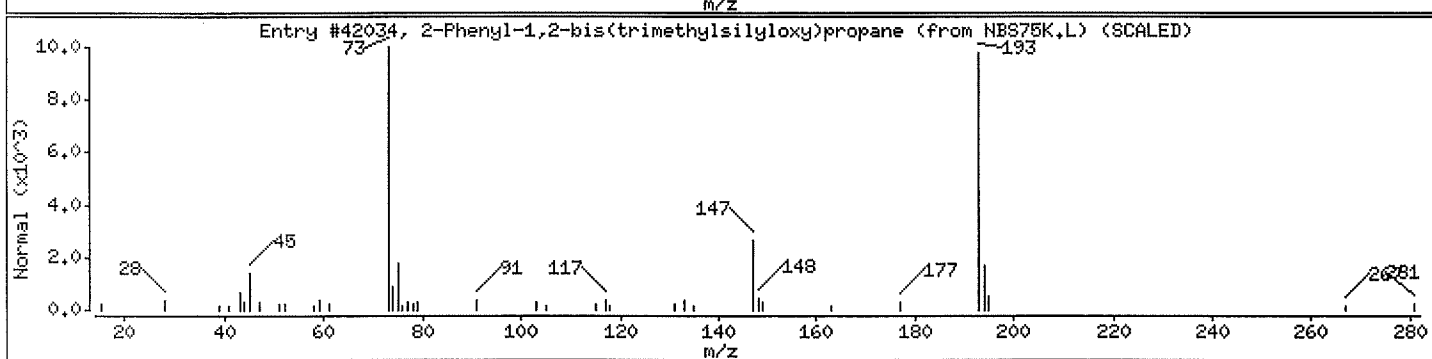
Operator: GFB

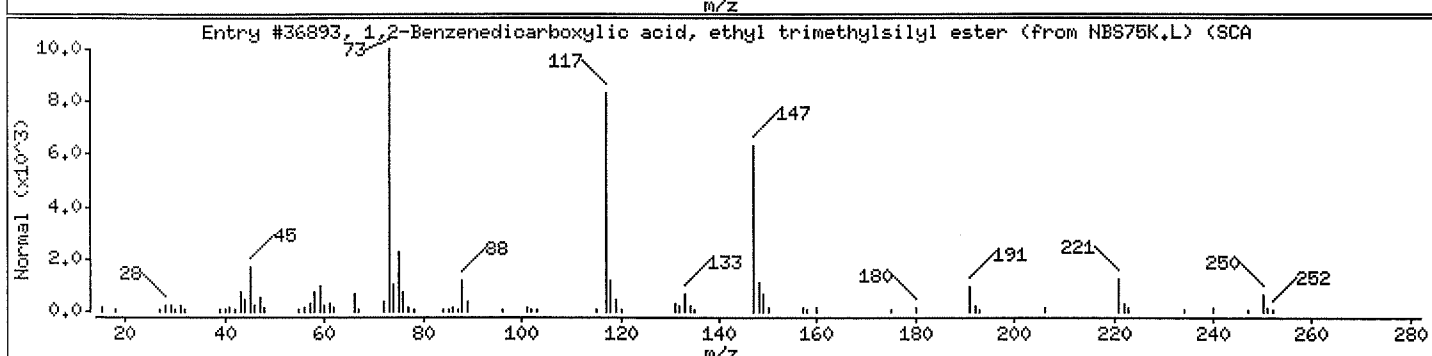
Column phase: J&W DB-624

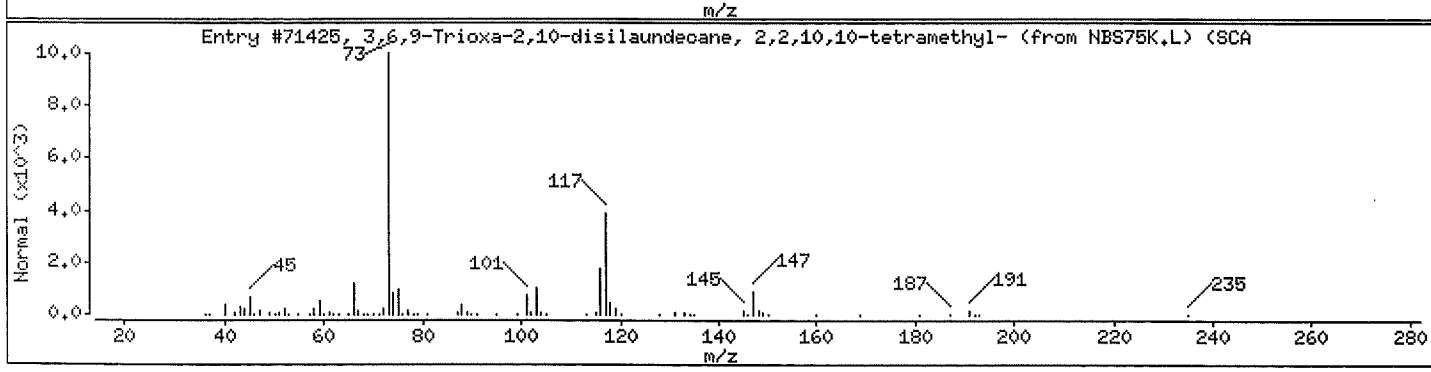
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Phenyl-1,2-bis(trimethylsilyloxy)propa	0-00-0	NBS75K.L	42034	38	C15H28O2Si2	296
1,2-Benzenedicarboxylic acid, ethyl trim	55530-57-9	NBS75K.L	36893	37	C13H18O4Si	266
3,6,9-Trioxa-2,10-disilaundecane, 2,2,10	16654-74-3	NBS75K.L	71425	36	C10H26O3Si2	250









STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12897.D
Lab Smp Id: DLC8X101 Client Smp ID: D12897
Inj Date : 10-OCT-2000 23:59
Operator : GFB Inst ID: md.i
Smp Info : DLC8X101,,2,,0,1,0,8260BDA.M,D12897
Misc Info : 371-40,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.970	5.977	(0.843)	887817	47.7412	47.74	
$ 33 1,2-Dichloroethane-d4	65	6.511	6.499	(0.919)	563969	44.9295	44.93	
34 1,2-Dichloroethane-d4 2nd	102	6.492	6.518	(0.917)	108606	42.8866	42.89	
* 38 Fluorobenzene	96	7.083	7.080	(1.000)	1307409	50.0000		
$ 47 Toluene-d8	98	9.911	9.908	(0.787)	1189294	43.8269	43.83	
* 56 Chlorobenzene-d5	117	12.590	12.607	(1.000)	1172204	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.935	14.942	(0.866)	769981	45.7497	45.75	
$ 67 4-Bromofluorobenzene	95	14.935	14.952	(0.866)	1014432	45.1600	45.16	
* 79 1,4-Dichlorobenzene-d4	152	17.250	17.257	(1.000)	845236	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12897.D
Lab Smp Id: DLC8X101 Client Smp ID: D12897
Inj Date : 10-OCT-2000 23:59
Operator : GFB Inst ID: md.i
Smp Info : DLC8X101,,2,,0,1,0,8260BDA.M,D12897
Misc Info : 371-40,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.083	3023382	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.319	450558	7.45123151	7.45	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC8X101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12897
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown CO2	1.319	7.45	J

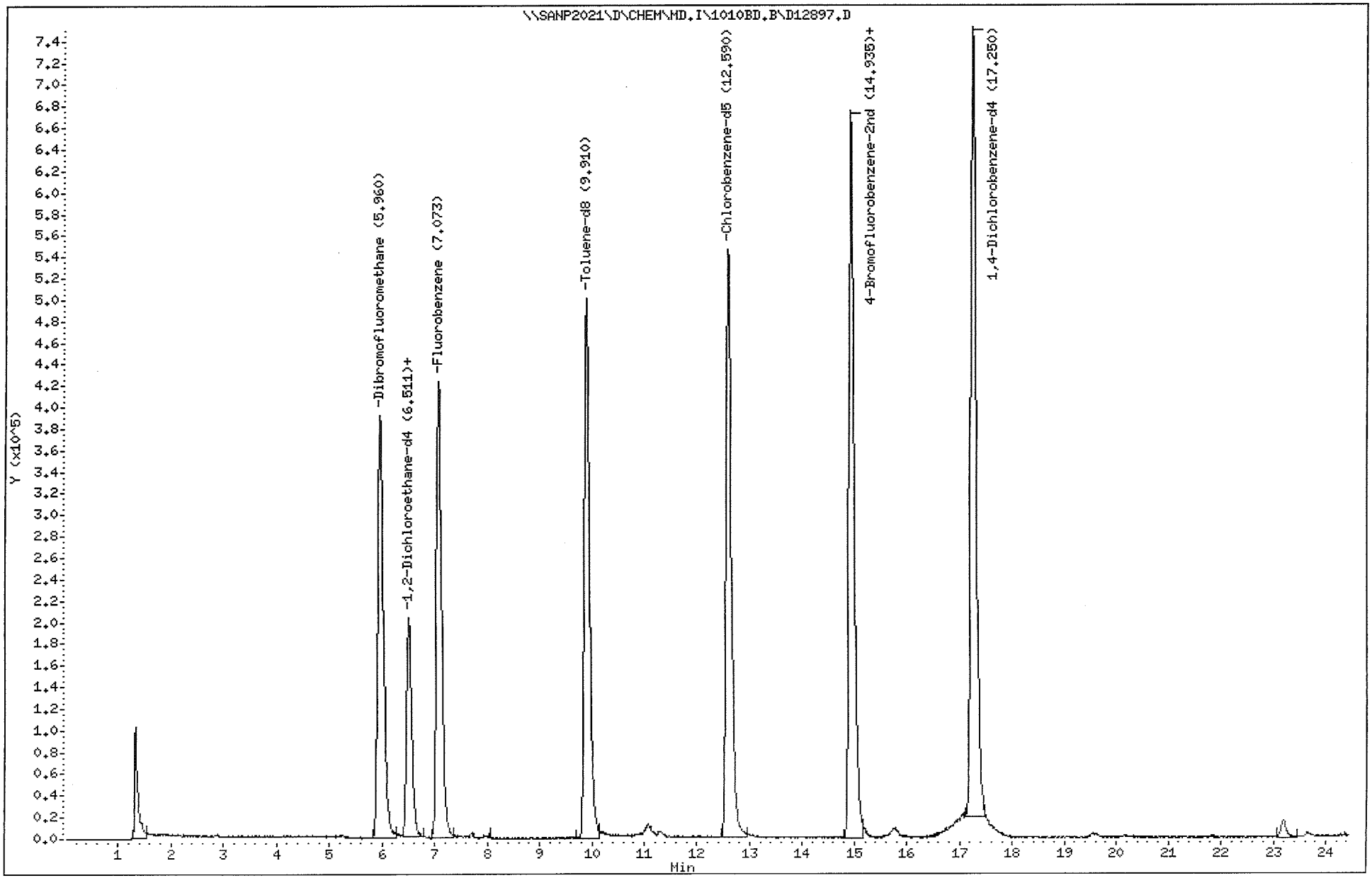
Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12897.D
Date : 10-OCT-2000 23:59
Client ID: D12897
Sample Info: DLC8X101,,2,,0,1,0,8260BDA.M,D12897

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000949

BOE-C6-0159368

Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12897.D

Date : 10-OCT-2000 23:59

Client ID: D12897

Instrument: md.i

Sample Info: DLC8X101,,2,,0,1,0,8260BDA,M,D12897

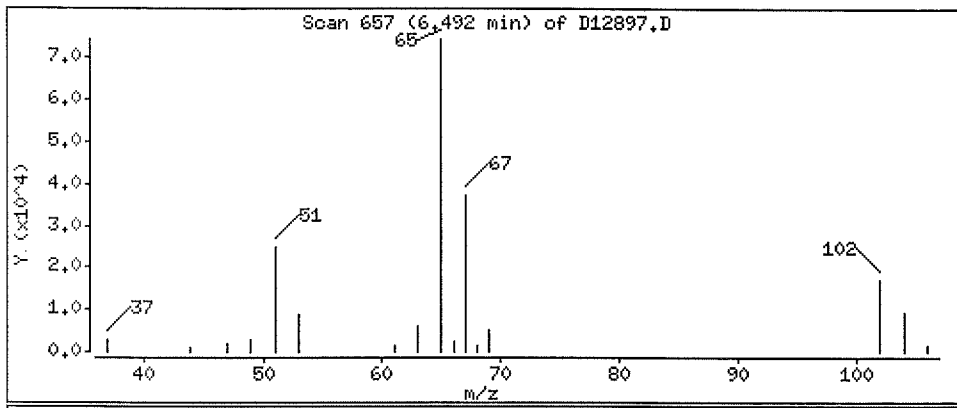
Operator: GFB

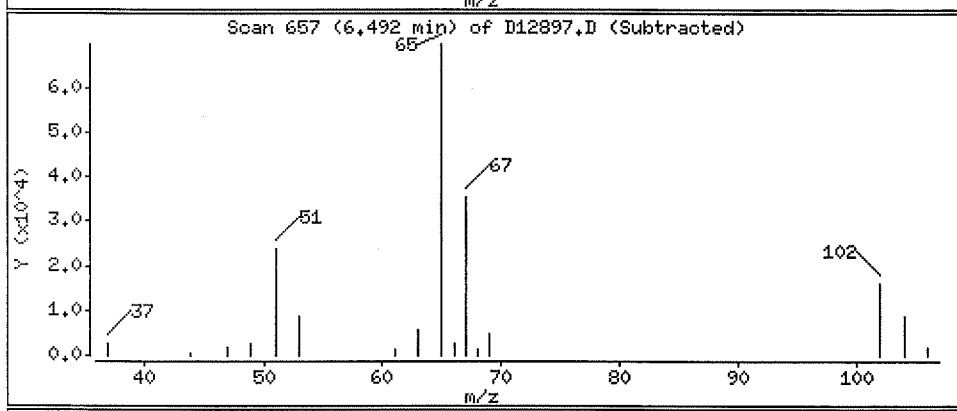
Column phase: J&W DB-624

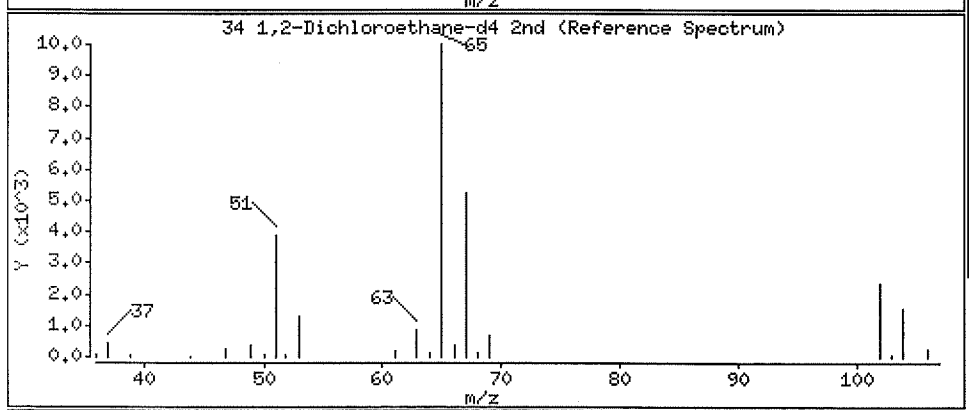
Column diameter: 0.53

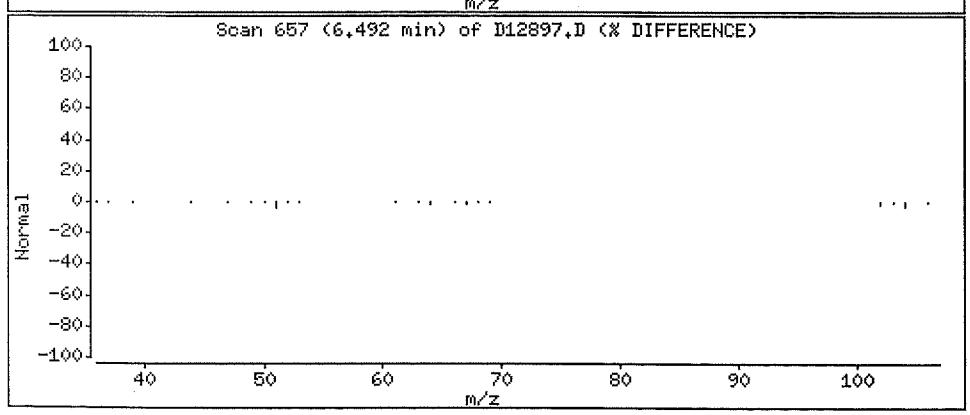
34 1,2-Dichloroethane-d4 2nd

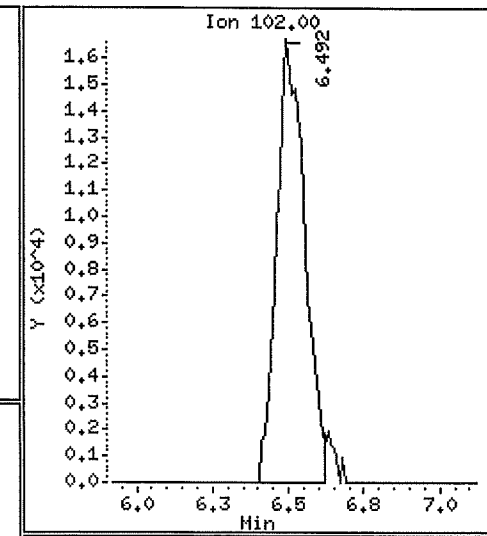
Concentration: 42.89 ug/Kg

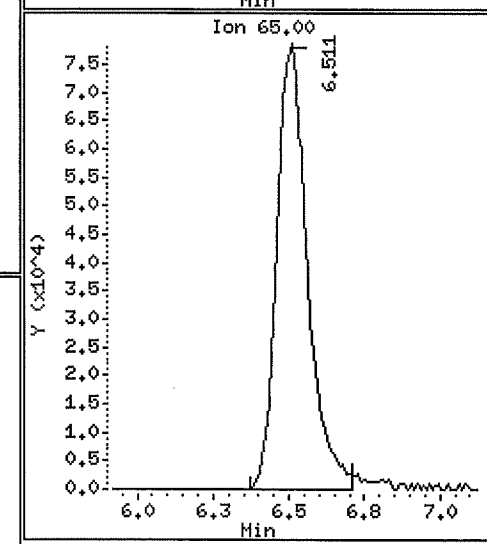












Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12897.D

Date : 10-OCT-2000 23:59

Client ID: D12897

Instrument: md.i

Sample Info: DLC8X101,,2,,0,1,0,8260BDA.M,D12897

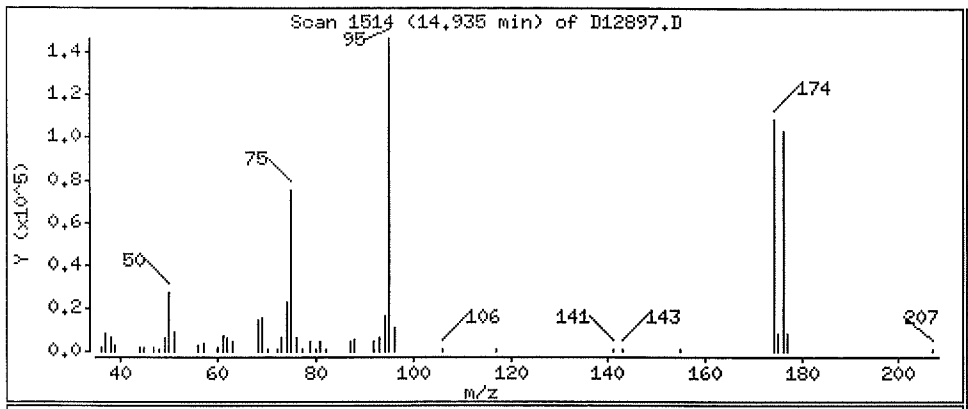
Operator: GFB

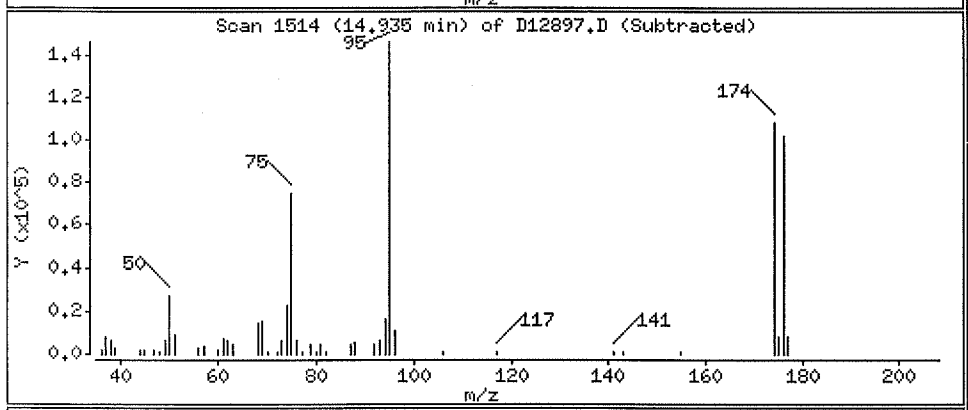
Column phase: J&W DB-624

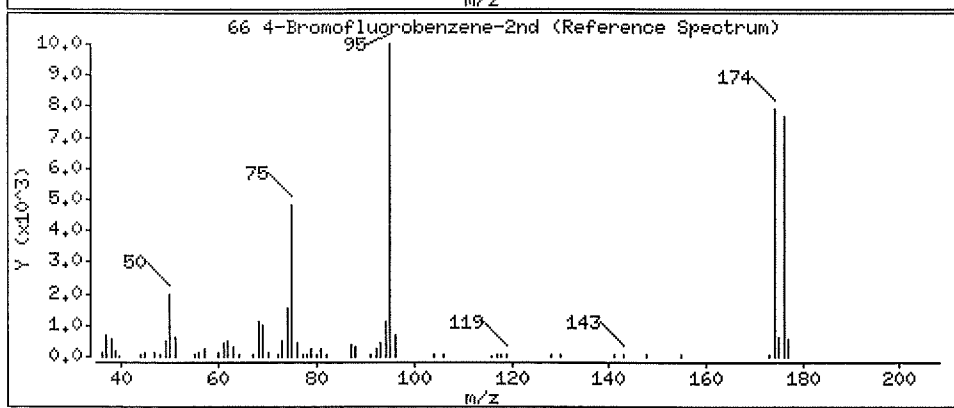
Column diameter: 0.53

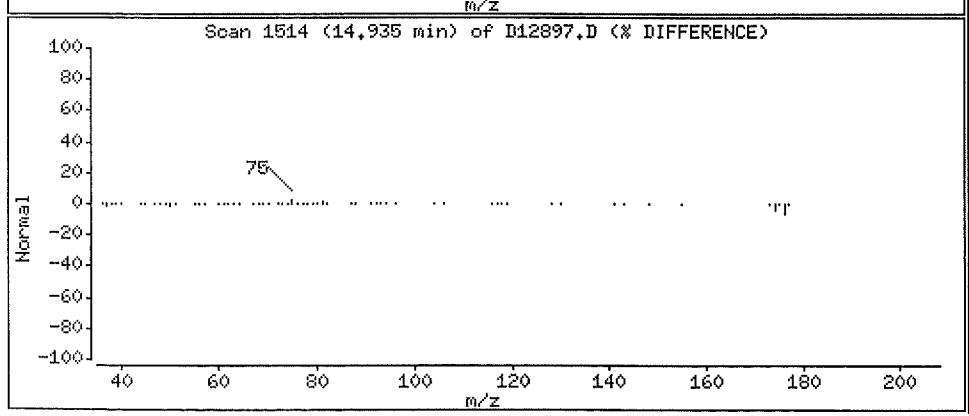
66 4-Bromofluorobenzene-2nd

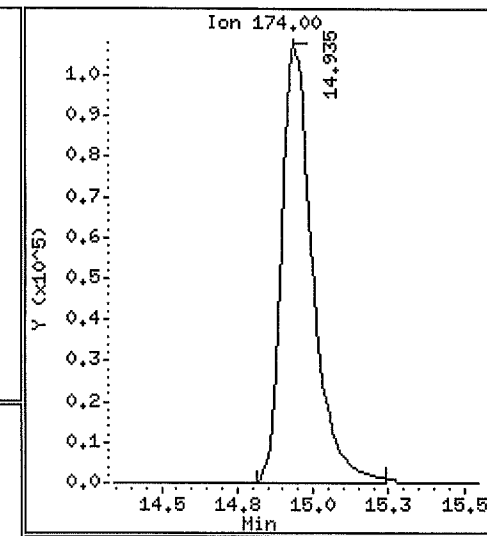
Concentration: 45.75 ug/Kg

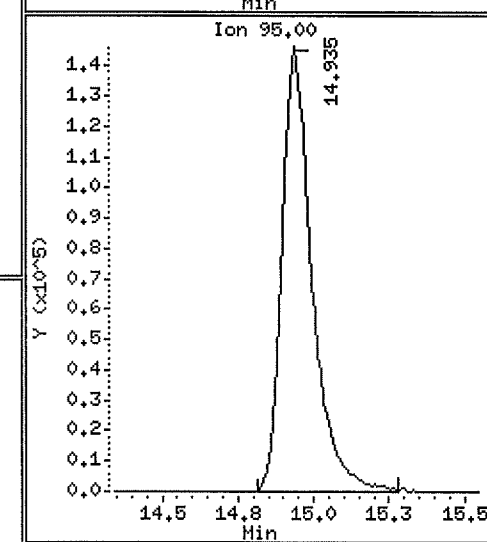


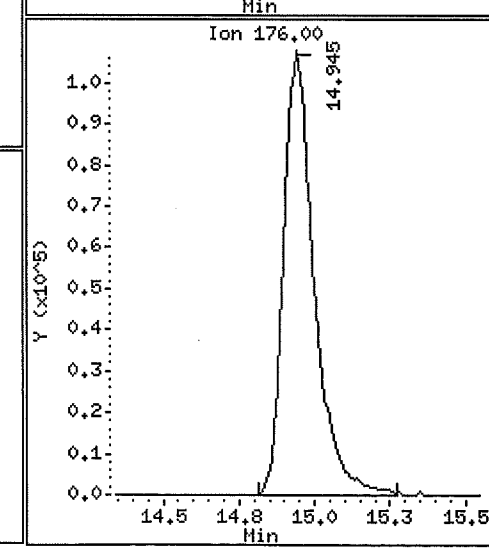












Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12897.D

Date : 10-OCT-2000 23:59

Client ID: D12897

Instrument: md.i

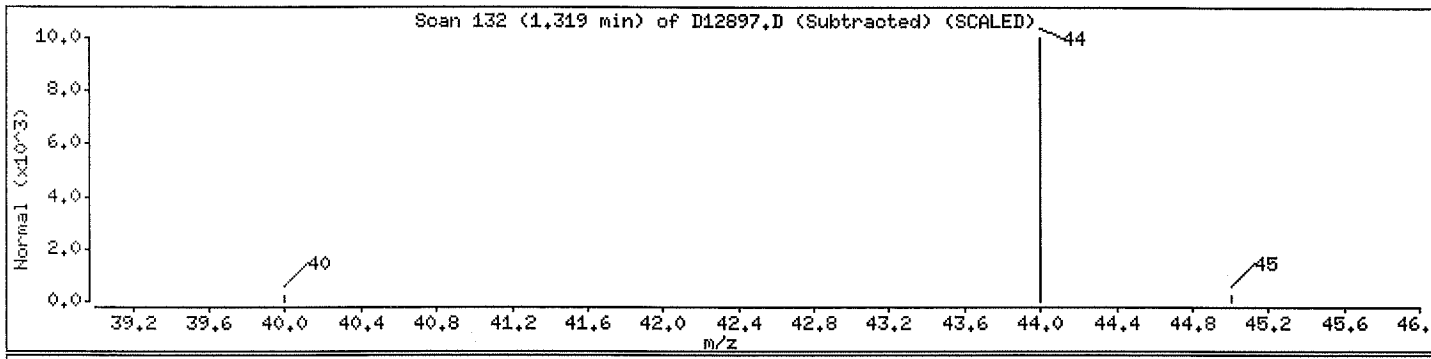
Sample Info: DLC8X101,,2,,0,1,0,8260BDA.M,D12897

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12898.D
Lab Smp Id: DLC94101 Client Smp ID: D12898
Inj Date : 11-OCT-2000 00:31
Operator : GFB Inst ID: md.i
Smp Info : DLC94101,,2,,0,1,0,8260BDA.M,D12898
Misc Info : 371-43,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.968	5.977	(0.843)	880206	47.6743	47.67
$ 33 1,2-Dichloroethane-d4	65	6.510	6.499	(0.919)	570411	45.7716	45.77
34 1,2-Dichloroethane-d4 2nd	102	6.500	6.518	(0.918)	114414	45.5070	45.51
* 38 Fluorobenzene	96	7.081	7.080	(1.000)	1298018	50.0000	
39 Trichloroethene	130	7.711	7.720	(1.089)	61472	5.06710	5.07
$ 47 Toluene-d8	98	9.909	9.908	(0.787)	1204720	45.6402	45.64
* 56 Chlorobenzene-d5	117	12.598	12.607	(1.000)	1140233	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.942	(0.866)	727393	46.7124	46.71
$ 67 4-Bromofluorobenzene	95	14.933	14.952	(0.866)	961516	46.2639	46.26
* 79 1,4-Dichlorobenzene-d4	152	17.248	17.257	(1.000)	782031	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1010BD.B\D12898.D
Lab Smp Id: DLC94101 Client Smp ID: D12898
Inj Date : 11-OCT-2000 00:31
Operator : GFB Inst ID: md.i
Smp Info : DLC94101,,2,,0,1,0,8260BDA.M,D12898
Misc Info : 371-43,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1010BD.B\8260BDA.m
Meth Date : 10-Oct-2000 22:57 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

Concentration Formula: Amt * DF * Uf * (Vp/(Ws *(100-M)/100))/1000

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.081	3032621	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	459693	7.57913708	7.58	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLC94101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa02193
Client Smp ID: D12898
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.317	7.58	J

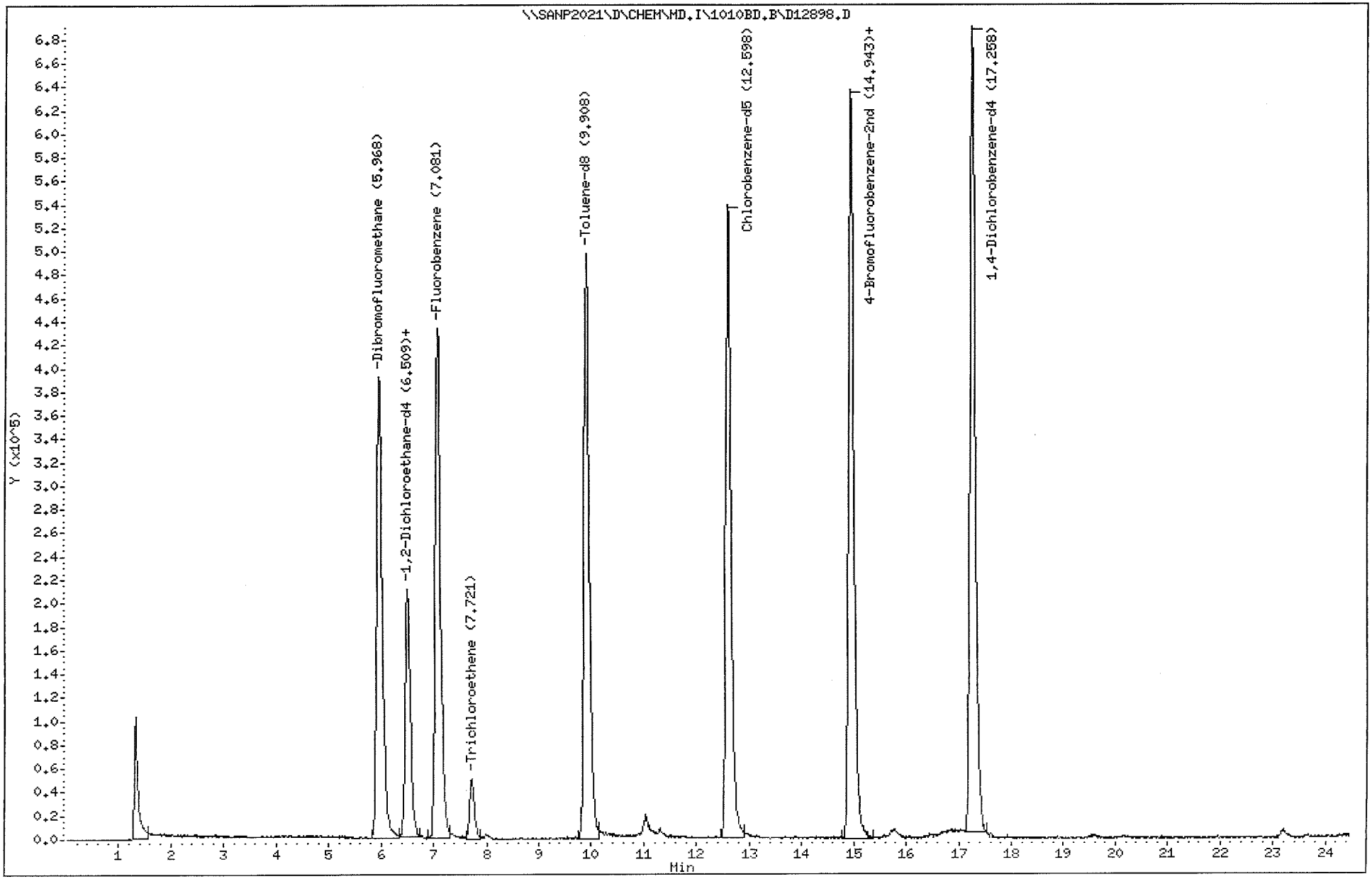
Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12898.D
Date : 11-OCT-2000 00:31
Client ID: D12898
Sample Info: DLC94101,,2,,0,1,0,8260BDA.M,D12898

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000957

BOE-C6-0159376

Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12898.D

Date : 11-OCT-2000 00:31

Client ID: D12898

Instrument: md.i

Sample Info: DLC94101,,2,,0,1,0,8260BDA,M,D12898

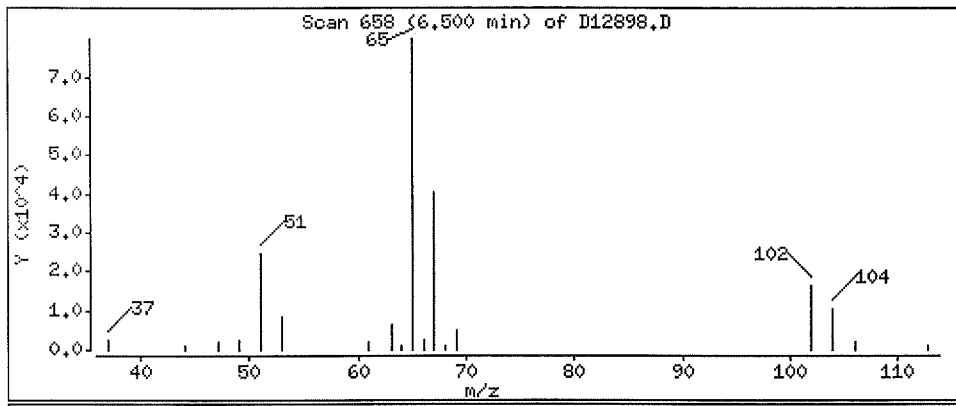
Operator: GFB

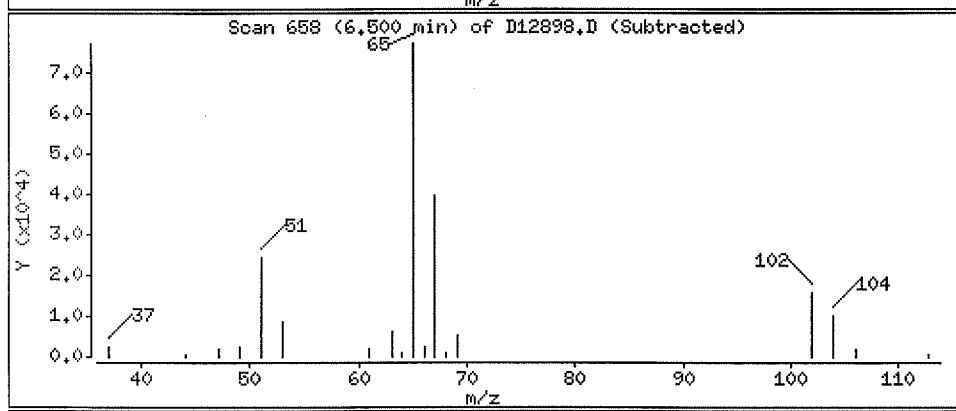
Column phase: J&W DB-624

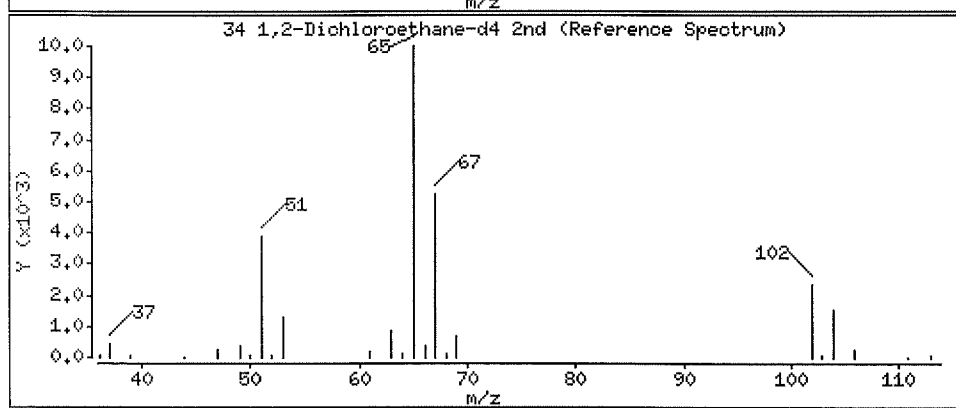
Column diameter: 0.53

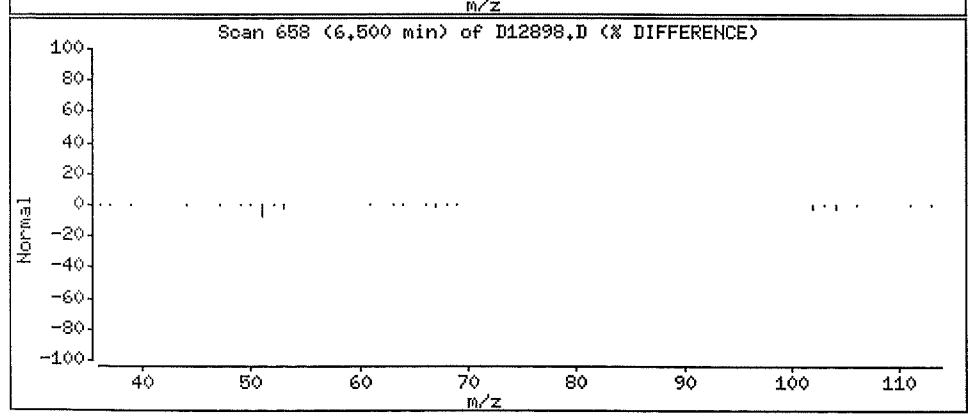
34 1,2-Dichloroethane-d4 2nd

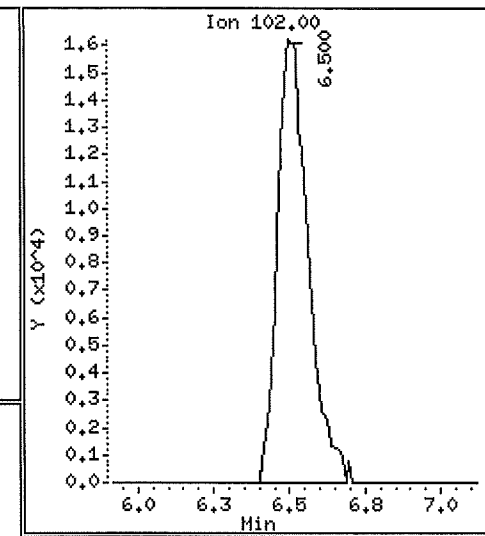
Concentration: 45.51 ug/Kg

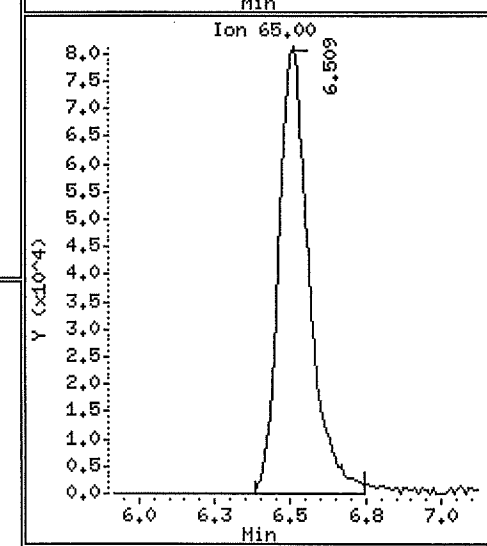












Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12898.D

Date : 11-OCT-2000 00:31

Client ID: D12898

Instrument: md.i

Sample Info: DLC94101,,2,,0,1,0,8260BDA.M,D12898

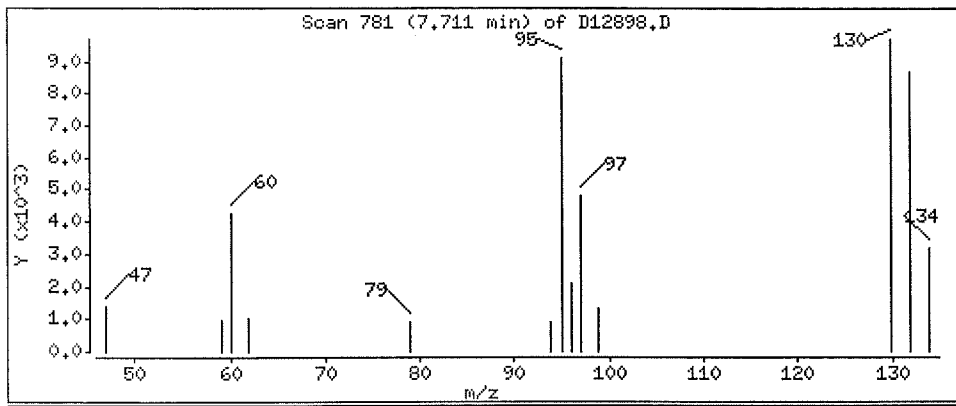
Operator: GFB

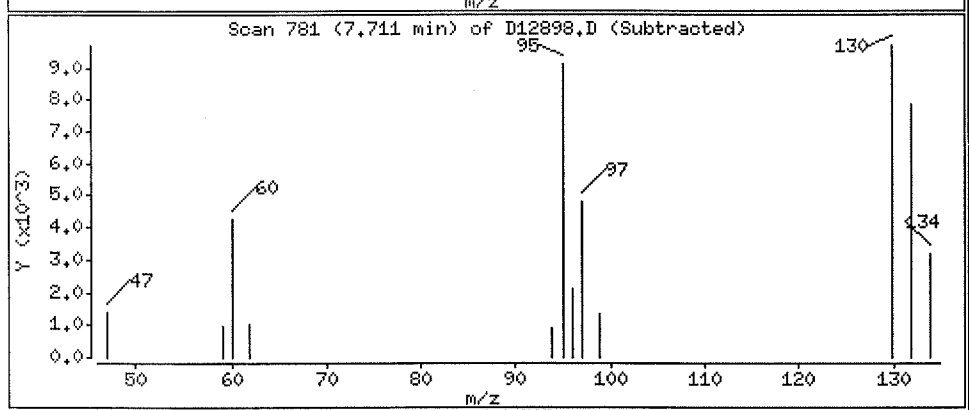
Column phase: J&W DB-624

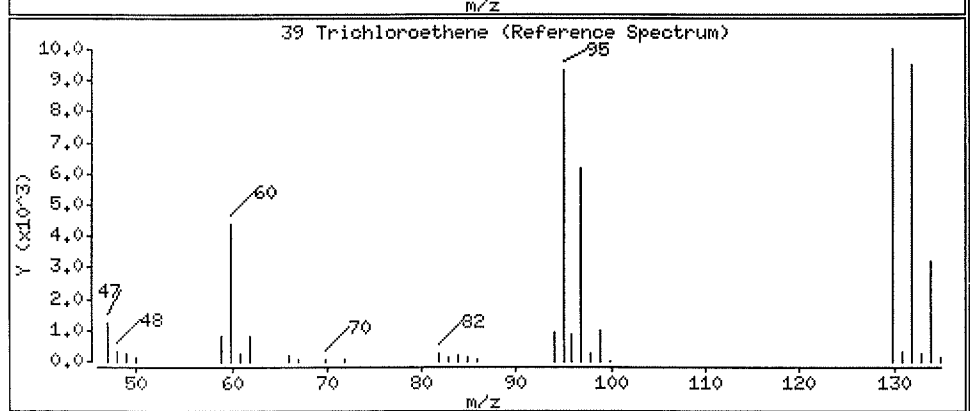
Column diameter: 0.53

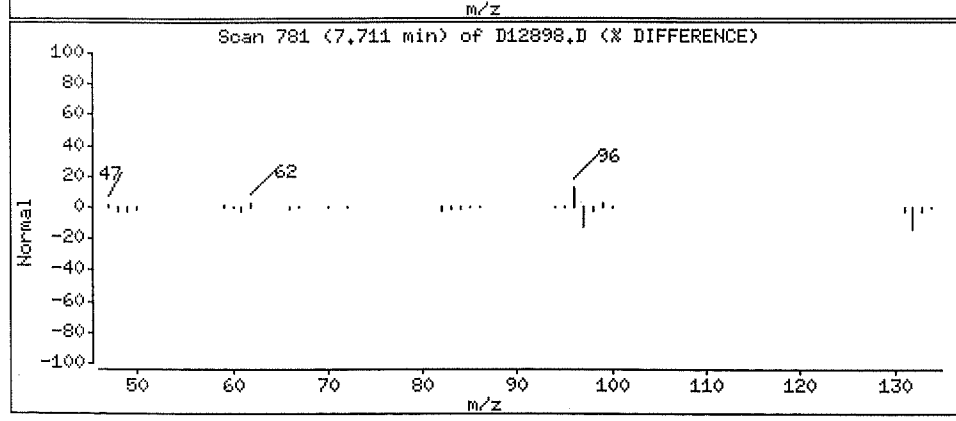
39 Trichloroethene

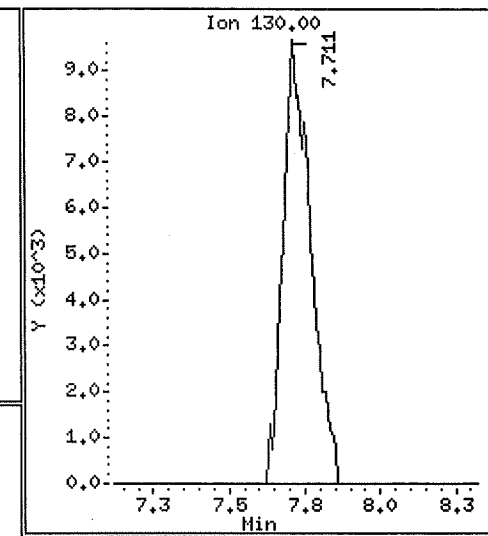
Concentration: 5.07 ug/Kg

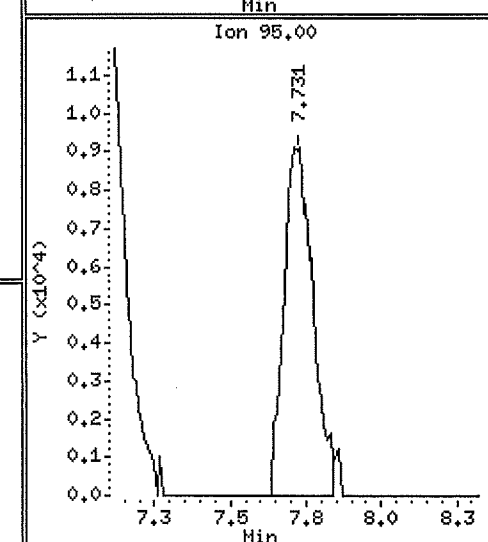


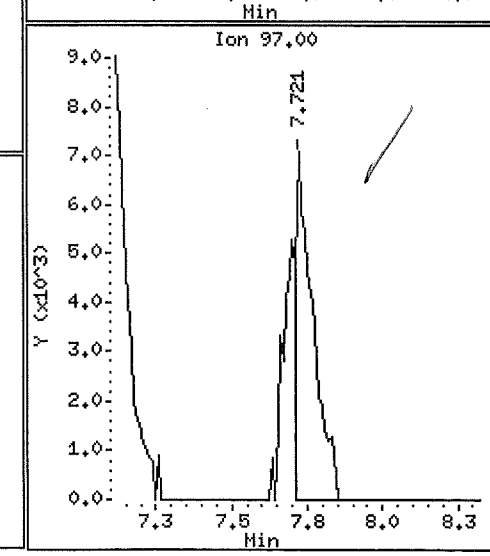












Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12898.D

Date : 11-OCT-2000 00:31

Client ID: D12898

Instrument: md.i

Sample Info: DLC94101,,2,,0,1,0,8260BDA.M,D12898

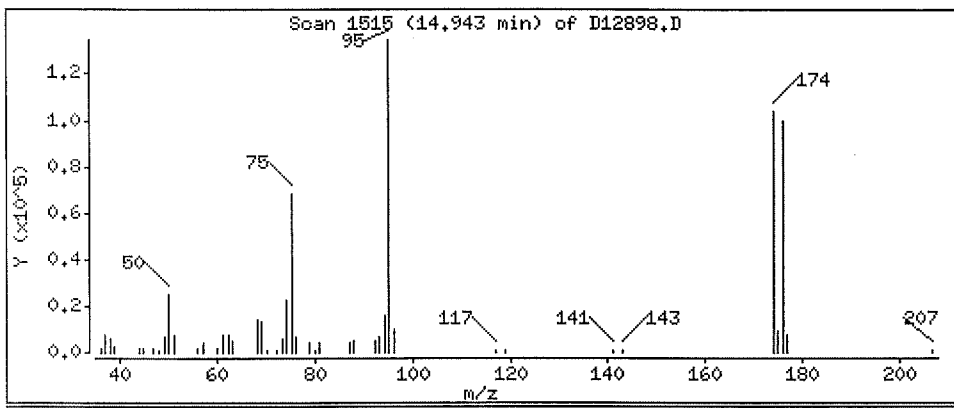
Operator: GFB

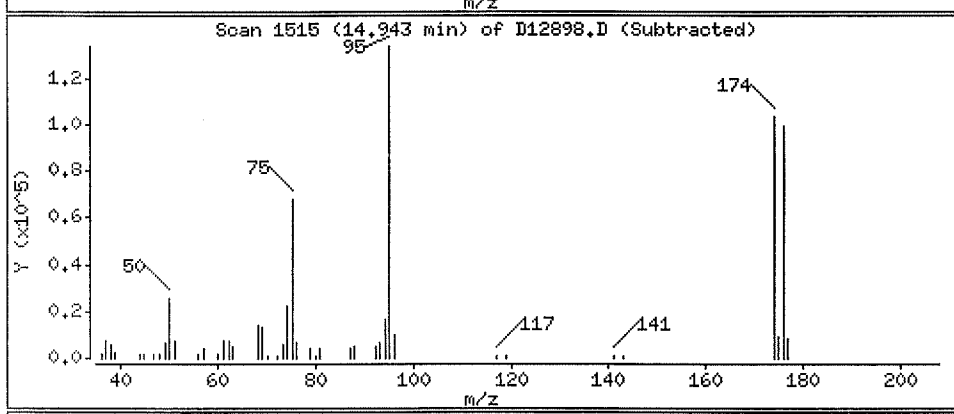
Column phase: J&W DB-624

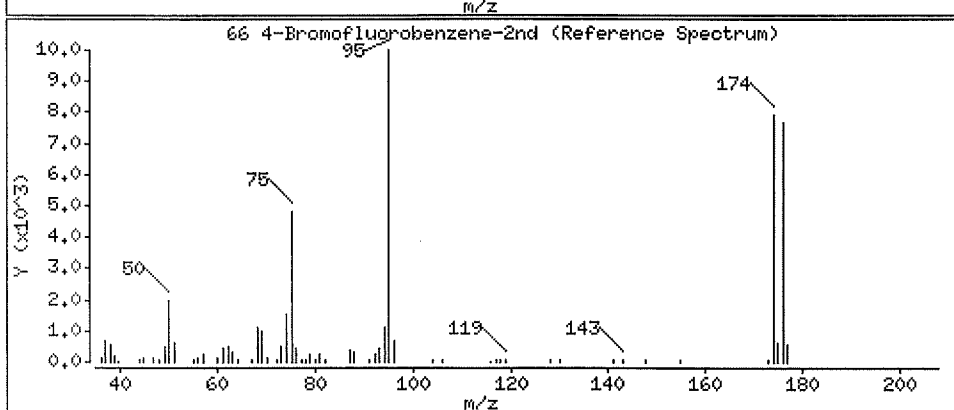
Column diameter: 0.53

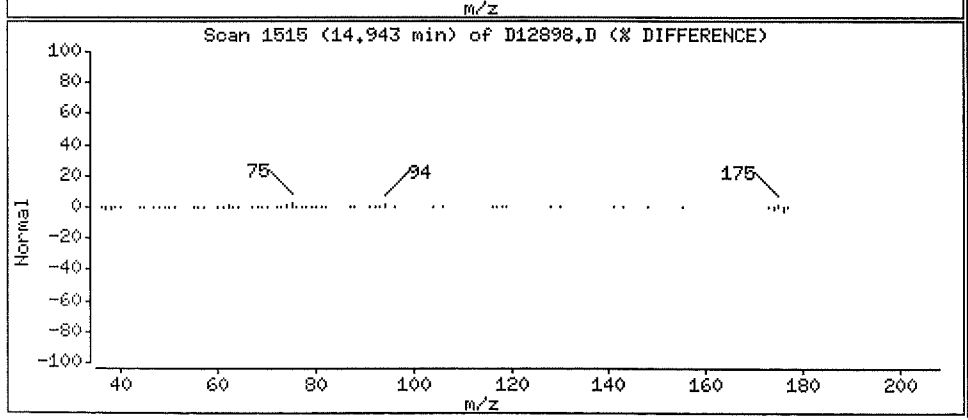
66 4-Bromofluorobenzene-2nd

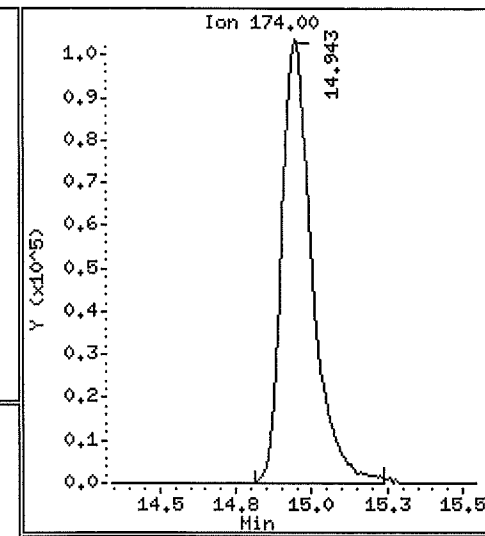
Concentration: 46.71 ug/Kg

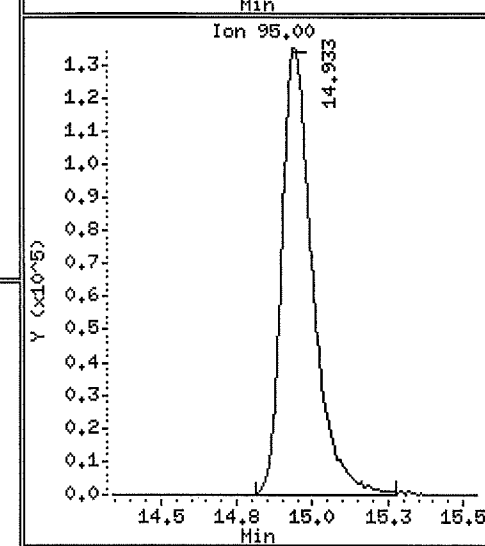


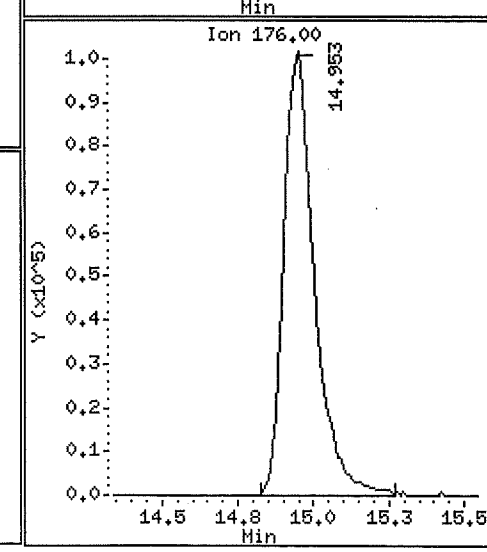












Data File: \\SANP2021\D\CHEM\MD.I\1010BD.B\D12898.D

Date : 11-OCT-2000 00:31

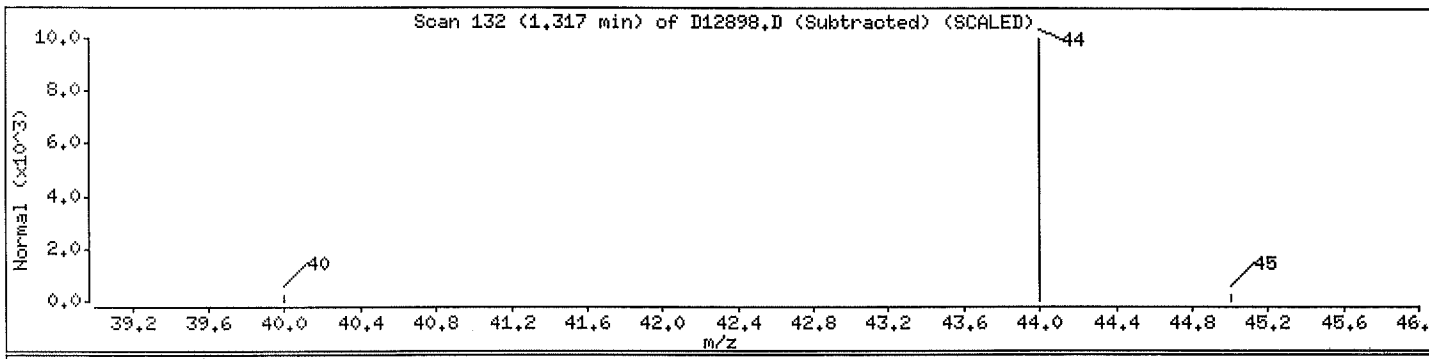
Client ID: D12898 Instrument: md.i

Sample Info: DLC94101,,2,,0,1,0,8260BDA.M,D12898

Operator: GFB

Column phase: J&W DB-624 Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
UNKNOWN						



CO_2