Extended Raw Data

Level III

Project # EOI-260285

Analysis: 8260B

000429

8260B INITIAL CALIBRATION DATA

DATE ANALYZED: 092700

INSTRUMENT ID: MSC

SAMPLES: EOI260 285 39
40
41

BOE-C6-0155971

Batch ID: _____

GC/MS VOA Run Log

☐ 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: 8260BCC - 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 BFB			1µl			✓			
17:29		CS2009	.5 ppb 826013	1	L	25ml	1.0	226	✓			MSVOA1198-1
17:59		CS2010	1 ppb 826013	2				243	✓			I1232-1; S1233-2; SD1234-1
18:29		CS2011	5 ppb 826013	3				240	✓			
18:58		CS2012	10 ppb 826013	4				236	✓			
19:28		CS2013	50 ppb 826013	5				229	✓			
19:58		CS2014	100 ppb 826013	6				219	✓			
20:28		C09258	MB092713C	7				242	✓			
20:57		C09259	SECOND SOURCE	1				245	✓			
21:27		60	MB092713C	7				234	✓			MSVOA1235-2
22:06		61	DL3HP101	7				227	✓		2	
22:36		62	DKTG5101	8				120	N	✓		EOI260245-41
23:05		63	DKXAM01	9				184	✓			EOI210307-18
		64	DL1KH101	10								EOI220345-7
		65	DL1CL101	11								EOI250245-4
		66	DKTG5101	12								-12
		67	DL3KL101	13								EOI210307-18
		68	DL3KK101	14								EOI260291-5
				15								-15
				16								
				1								
				2								
				3								

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

9-29-00

Version 01/04/99

BOE-C6-0155972

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 include 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

STL Los Angeles

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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:

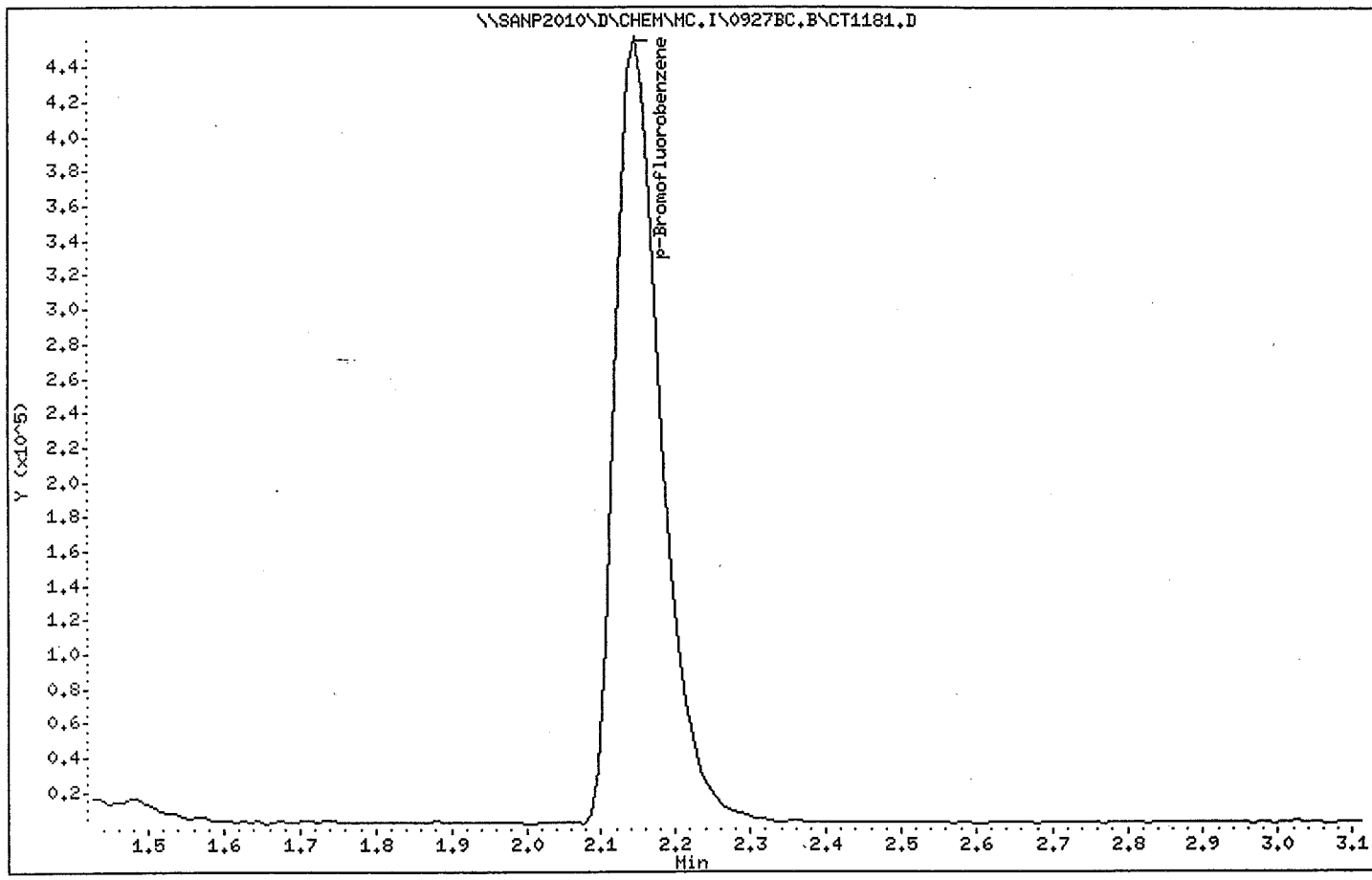
Instrument: mc.i

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

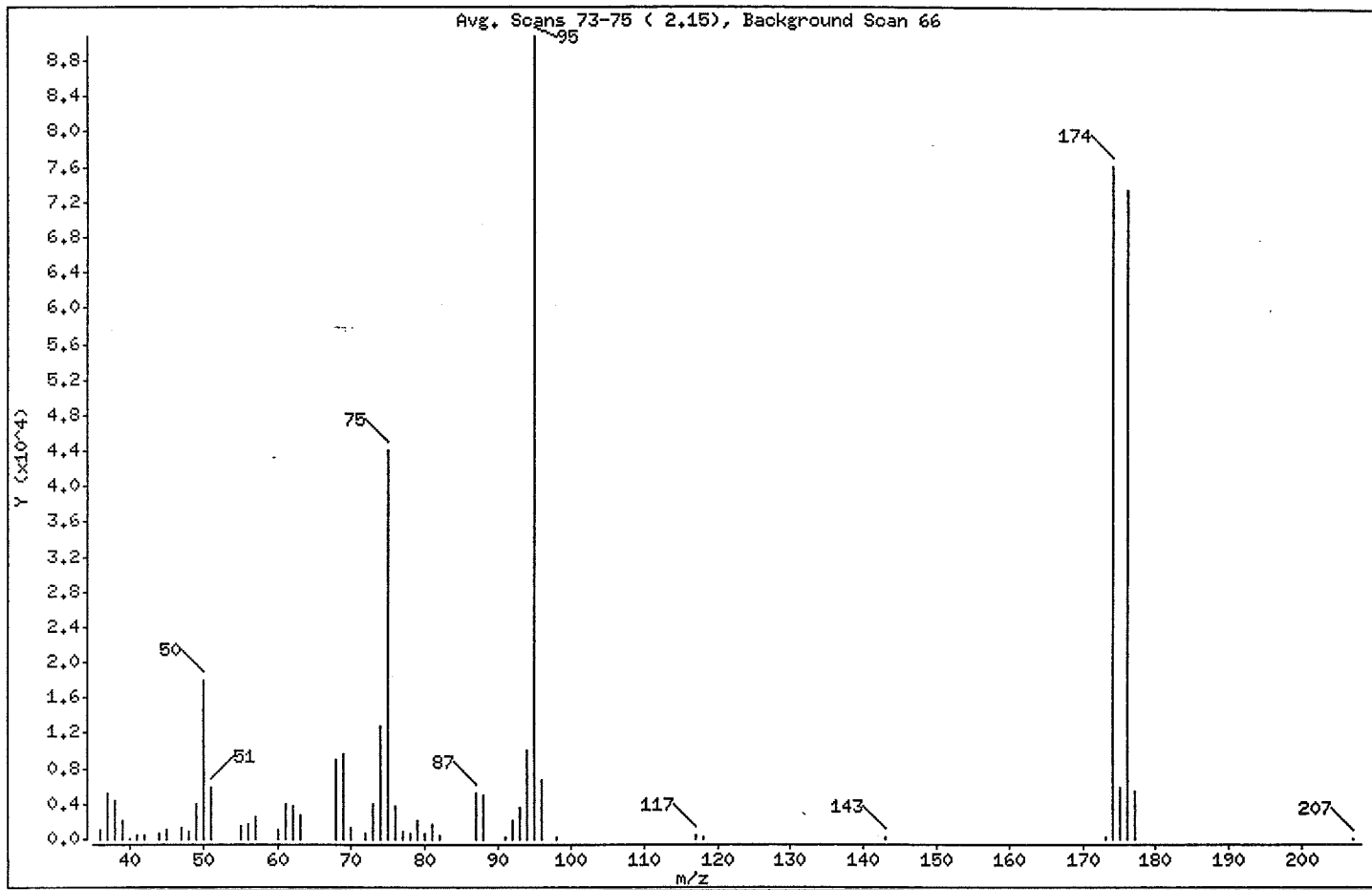
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

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)

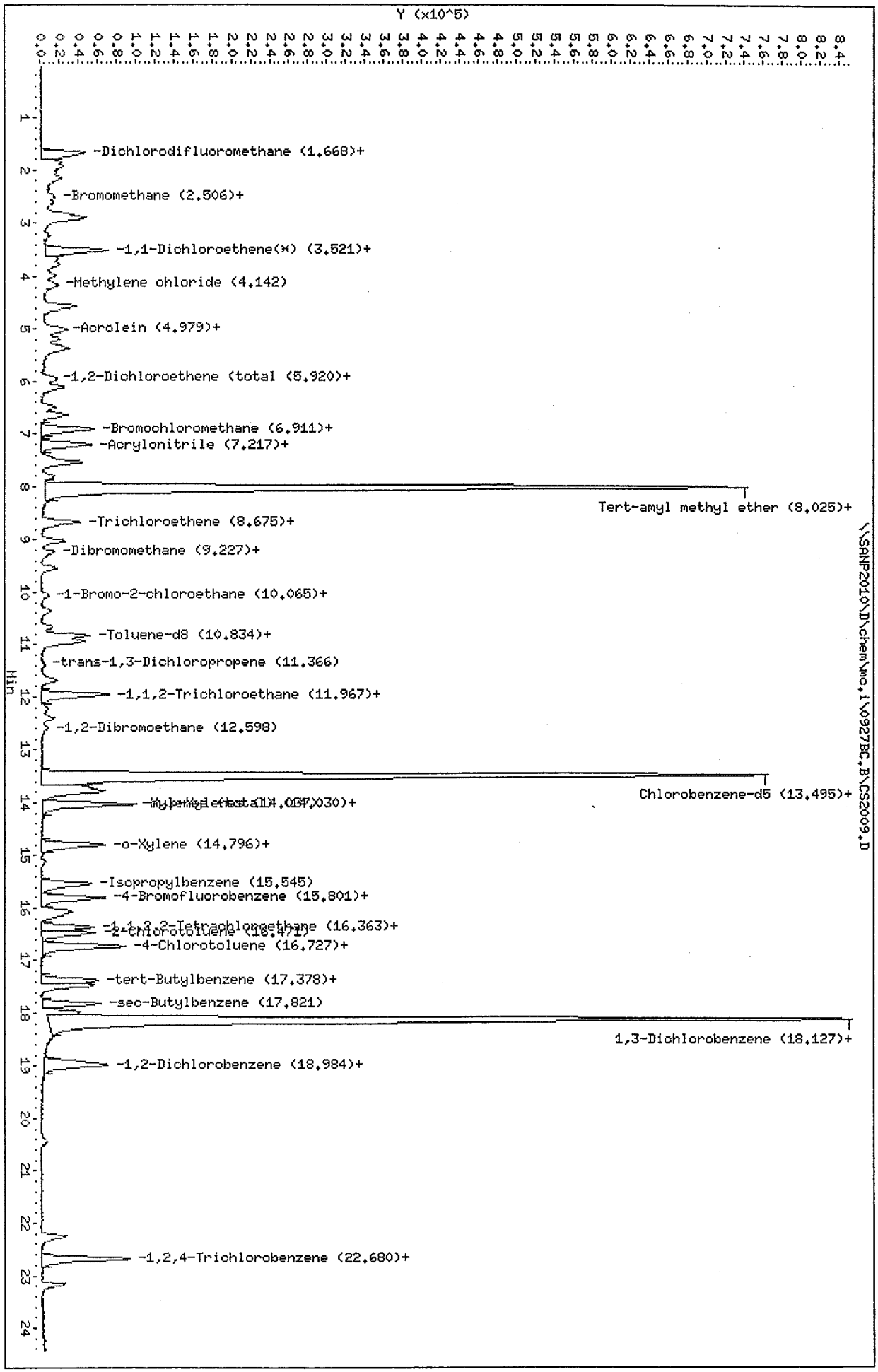
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
68 Bromobenzene	156	16.057	16.057	(0.886)	38392	0.50000	0.493(a)
69 1,1,2,2-Tetrachloroethane(**)	83	16.126	16.126	(0.890)	19798	0.50000	0.474(a)
70 1,2,3-Trichloropropane	110	16.166	16.166	(0.892)	4295	0.50000	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)

	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)

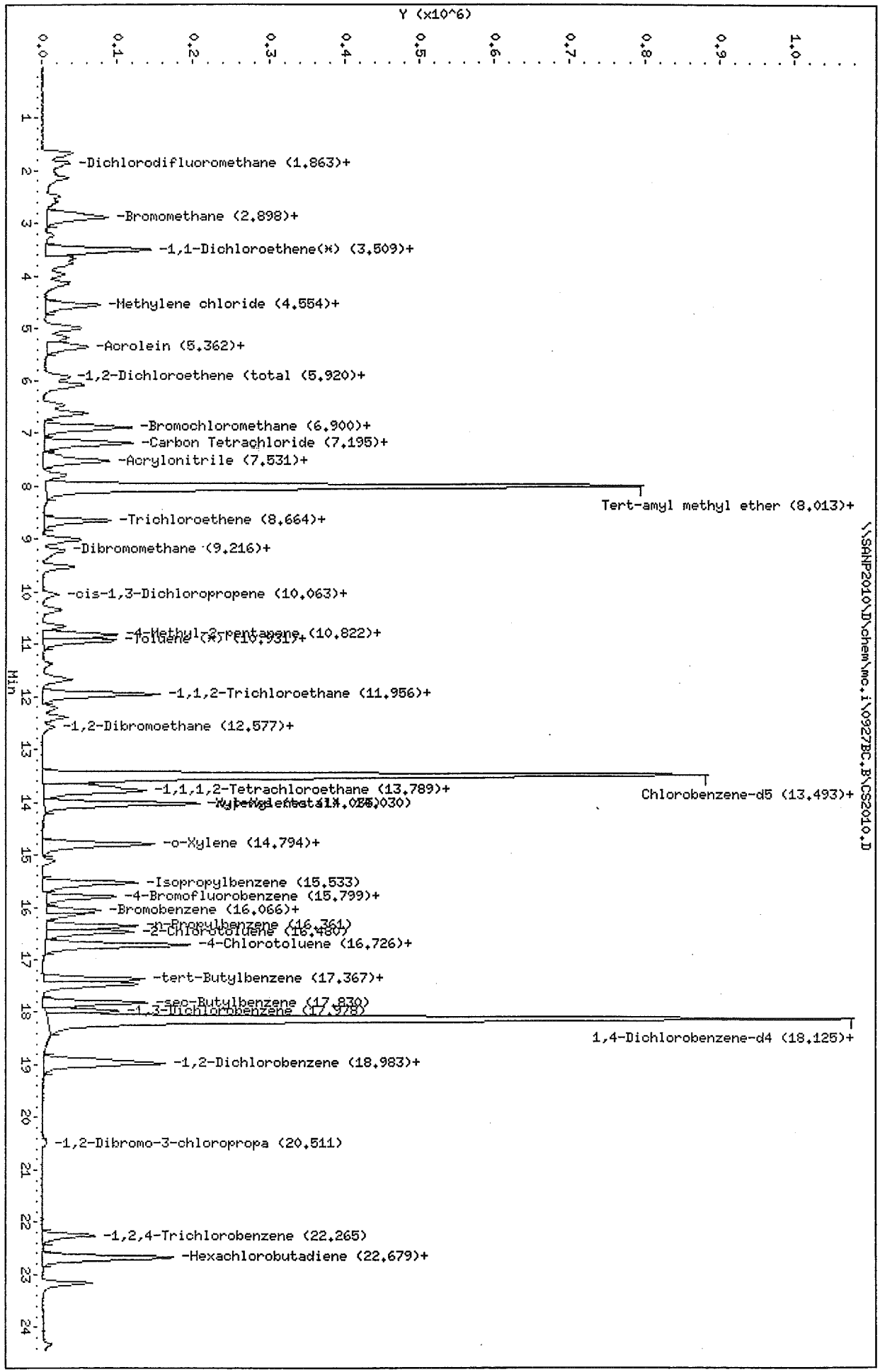
BM 9/27/00

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

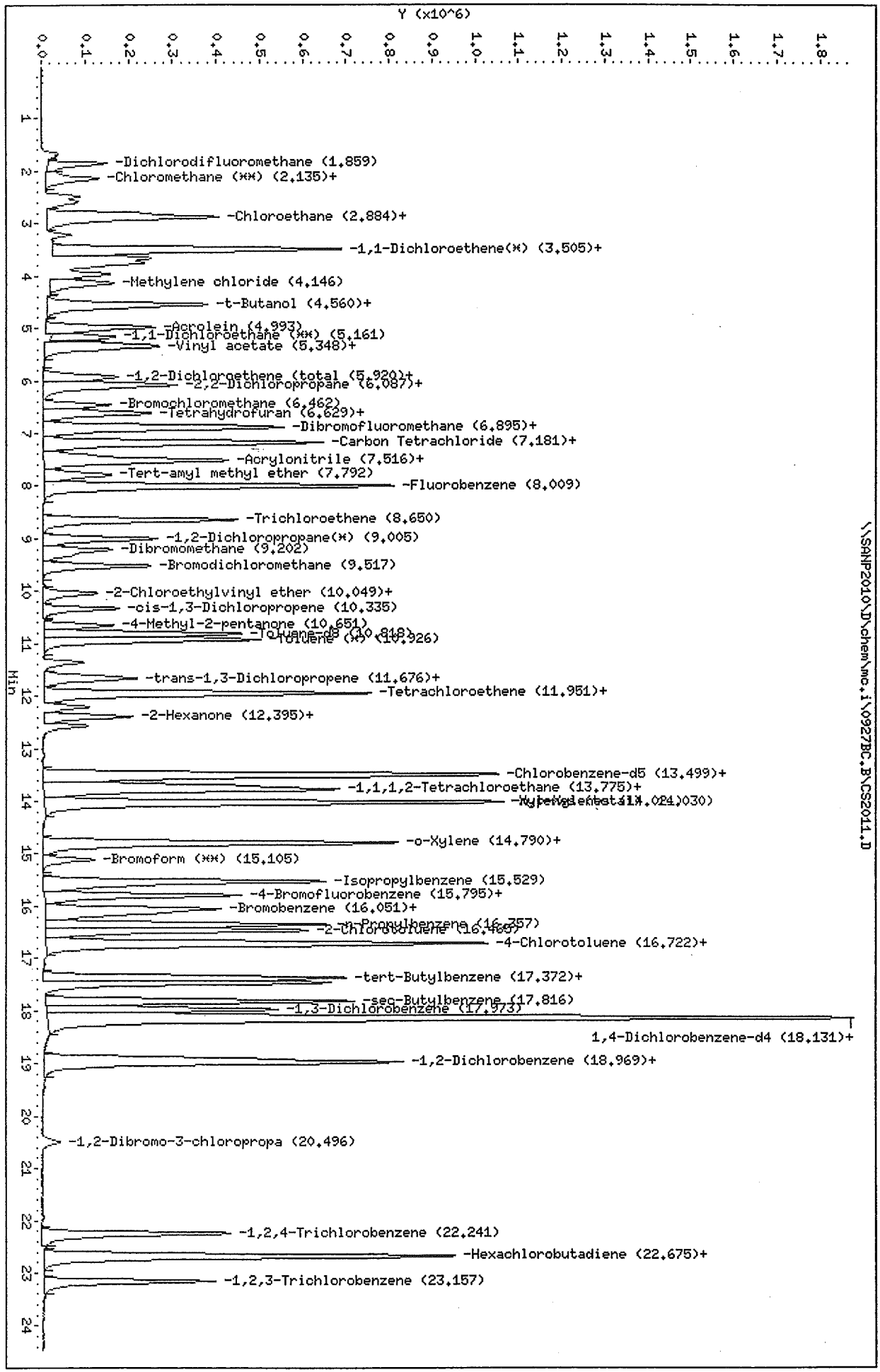
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.810	14.810	(1.099)	702801	5.00000	5.24
64 Bromoform (**)	173	15.115	15.115	(1.121)	180363	5.00000	4.82
65 Isopropylbenzene	105	15.539	15.539	(1.153)	1596559	5.00000	5.17
$ 66 4-Bromofluorobenzene	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

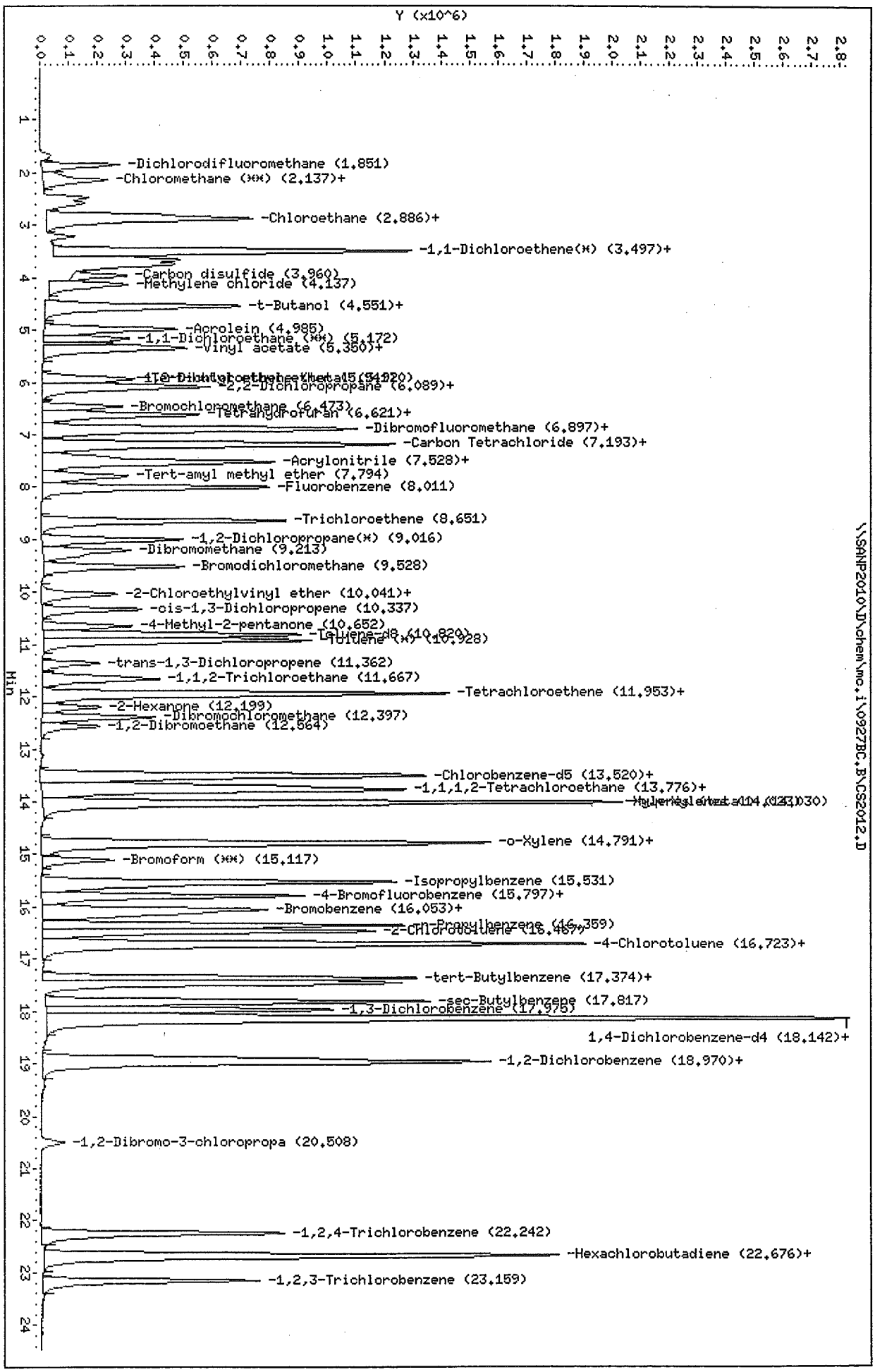
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.811	14.811	(1.098)	1383672	10.0000	10.48
64 Bromoform (**)	173	15.117	15.117	(1.121)	385854	10.0000	10.45
65 Isopropylbenzene	105	15.531	15.531	(1.151)	3049216	10.0000	10.22
$ 66 4-Bromofluorobenzene	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

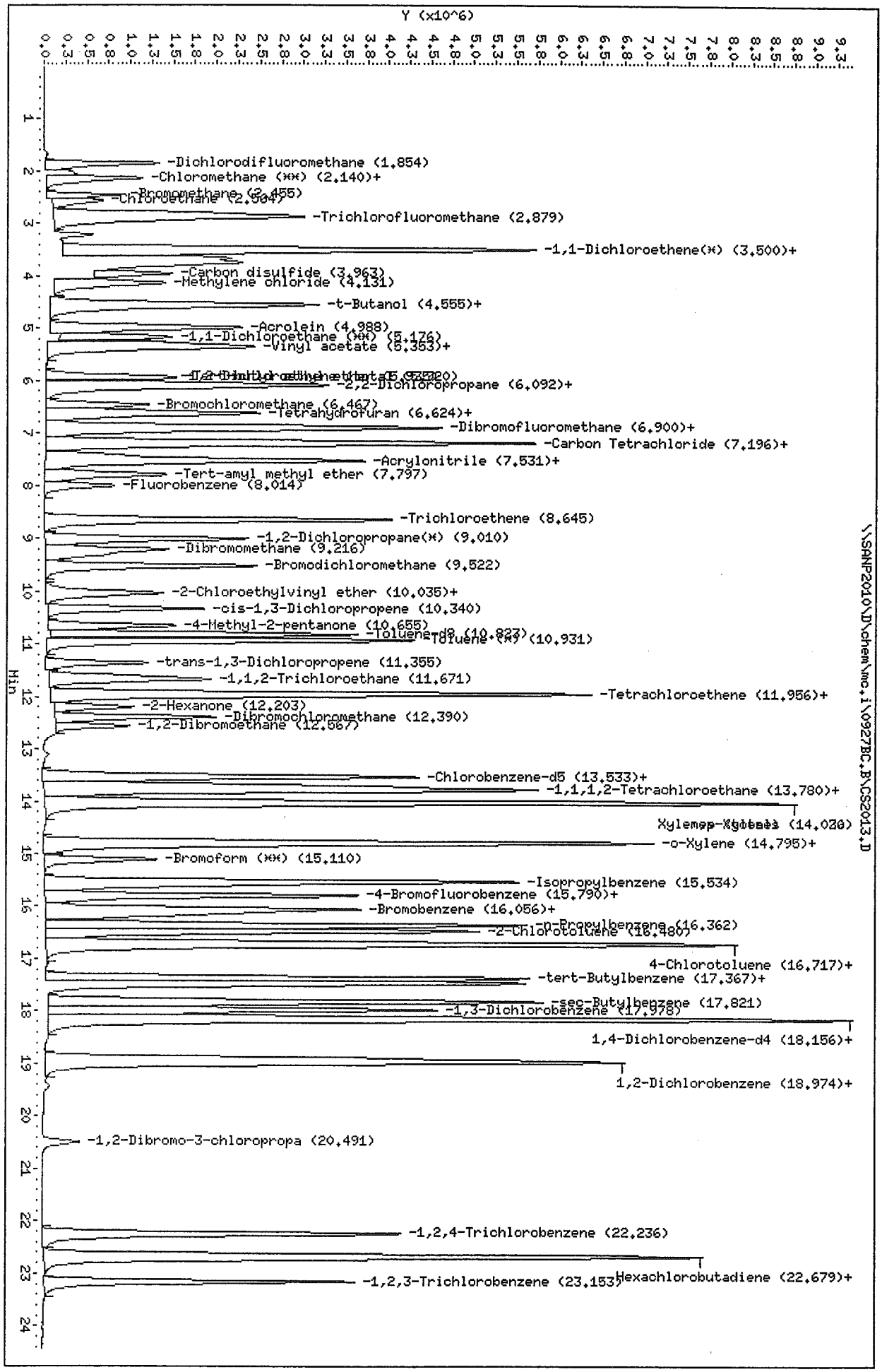
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1 Dichlorodifluoromethane	85	1.844	1.844	(0.230)	4106150	50.0000	49.31
2 Chloromethane (**)	50	2.111	2.111	(0.263)	2254890	50.0000	48.12
3 Vinyl chloride (*)	62	2.140	2.140	(0.267)	2626650	50.0000	48.41
4 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)
63 Styrene	104	14.815	14.815	(1.099)	6310124	50.0000	50.25
64 Bromoform (**)	173	15.120	15.120	(1.121)	2041074	50.0000	58.15
65 Isopropylbenzene	105	15.534	15.534	(1.152)	13598977	50.0000	46.95
$ 66 4-Bromofluorobenzene	95	15.790	15.790	(1.171)	4577095	50.0000	43.34
67 4-Bromofluorobenzene-2nd	174	15.800	15.800	(1.172)	3894962	50.0000	43.55
68 Bromobenzene	156	16.056	16.056	(0.886)	3778302	50.0000	50.44
69 1,1,2,2-Tetrachloroethane(**)	83	16.125	16.125	(0.890)	2034376	50.0000	50.64
70 1,2,3-Trichloropropane	110	16.175	16.175	(0.893)	471959	50.0000	52.24
71 n-Propylbenzene	91	16.362	16.362	(0.903)	16301655	50.0000	51.54
72 2-Chlorotoluene	126	16.480	16.480	(0.910)	3153480	50.0000	48.52
73 4-Chlorotoluene	126	16.707	16.707	(0.922)	3124747	50.0000	48.97
74 1,3,5-Trimethylbenzene	105	16.736	16.736	(0.924)	10179414	50.0000	48.16
75 tert-Butylbenzene	119	17.367	17.367	(0.959)	11525732	50.0000	49.24
76 1,2,4-Trimethylbenzene	105	17.476	17.476	(0.965)	10106948	50.0000	48.84
77 sec-Butylbenzene	105	17.830	17.830	(0.984)	15726794	50.0000	48.14
78 1,3-Dichlorobenzene	146	17.978	17.978	(0.992)	6648073	50.0000	49.80
* 79 1,4-Dichlorobenzene-d4	152	18.116	18.116	(1.000)	867322	10.0000	
80 p-Isopropyltoluene	119	18.146	18.146	(1.002)	12309503	50.0000	48.60
81 1,4-Dichlorobenzene	146	18.166	18.166	(1.003)	6335648	50.0000	49.84
82 1,2-Dichlorobenzene	146	18.895	18.895	(1.043)	5348354	50.0000	49.15
83 n-Butylbenzene	91	18.974	18.974	(1.047)	13005566	50.0000	49.47
84 1,2-Dibromo-3-chloropropane	157	20.491	20.491	(1.131)	461012	50.0000	59.53
85 1,2,4-Trichlorobenzene	180	22.236	22.236	(1.227)	5258390	50.0000	52.55
86 Hexachlorobutadiene	225	22.670	22.670	(1.251)	5871394	50.0000	49.77
87 Napthalene	128	22.709	22.709	(1.254)	3557233	50.0000	51.80
88 1,2,3-Trichlorobenzene	180	23.153	23.153	(1.278)	3830839	50.0000	50.89

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



000467

BOE-C6-0156008

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

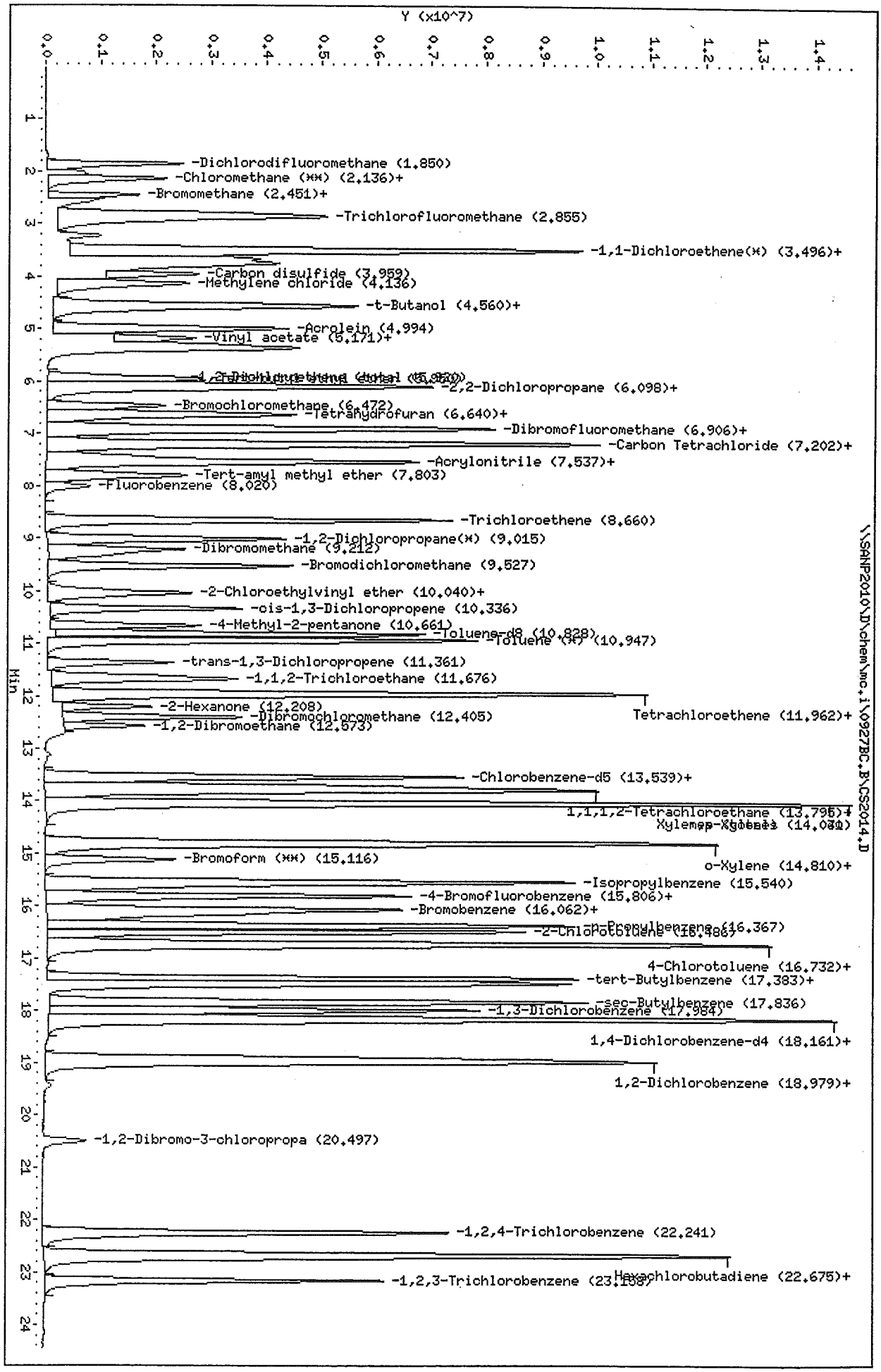
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
63 Styrene	104	14.820	14.820	(1.099)	10862933	100.000	91.82
64 Bromoform (**)	173	15.116	15.116	(1.121)	3736859	100.000	113.0(A)
65 Isopropylbenzene	105	15.540	15.540	(1.152)	24497594	100.000	91.65
$ 66 4-Bromofluorobenzene	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
Date : 27-SEP-2000 19:58
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: 090600

INSTRUMENT ID: MSD

SAMPLES: EOI 260285

STL Los Angeles

GC/MS VOA Run Log

Batch ID: _____

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

Inst ID: MSD [redacted] | EM Set: 1706 | Tune File: BFB | Seq File: 0906AD | Date: 9-6-00

Init. Cal ID: 8260BDA

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
10:05	OFB	DT1519	50 ng BFB	—	—	1ul			✓			1198-1
10:25	↓	DS2464	50 ppb 8260B STD	1	S	5g		131	✓			1204-2 CK
11:17	↓	65	5	2	↓	↓		121	✓			↓ 1199-1 Sur ↓
11:50	↓	66	20	3	↓	↓		151	✓			↓ 1203-2 Sur ↓
12:41	↓	67	100	4	↓	↓		153	✓			
13:13	↓	68	400	5	↓	↓		153	✓			

OFB 9/7/00

000062

Version 01/04/99

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

000473

BOE-C6-0156014

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 06-SEP-2000 10:25
End Cal Date : 06-SEP-2000 13:13
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\0906AD.B\8260BDA.M
Cal Date : 06-Sep-2000 14:34 beckmang
Curve Type : Average

Calibration File Names:
Level 1: \\SANP2021\D\chem\md.i\0906AD.B\DS2465.D
Level 2: \\SANP2021\D\chem\md.i\0906AD.B\DS2466.D
Level 3: \\SANP2021\D\chem\md.i\0906AD.B\DS2464.D
Level 4: \\SANP2021\D\chem\md.i\0906AD.B\DS2467.D
Level 5: \\SANP2021\D\chem\md.i\0906AD.B\DS2468.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	0.66031	0.54570	0.64397	0.50202	0.46406	0.56321	15.334
2 Vinyl chloride (*)	0.35403	0.28084	0.37106	0.27030	0.24130	0.30351	18.493
3 Chloromethane (**)	0.32996	0.26104	0.35723	0.24247	0.21464	0.28107	21.418
4 Bromomethane	0.29151	0.21255	0.24128	0.17479	0.13323	0.21067	28.834
5 Chloroethane	0.21173	0.18611	0.23819	0.15707	0.07876	0.17437	35.172 <-
6 Trichlorofluoromethane	0.79281	0.71077	0.80320	0.64311	0.33928	0.65783	28.827
7 Acrolein	0.00797	0.00800	0.01061	0.00831	0.00700	0.00838	15.989
8 1,1-Dichloroethene(*)	0.31077	0.26977	0.31999	0.24890	0.21599	0.27308	15.830
9 1,1,2-Trichlorotrifluoroethan	0.46233	0.44036	0.46741	0.40216	0.34289	0.42303	12.211
10 Acetone	0.10142	0.07970	0.09186	0.07132	0.05203	0.07926	24.058
11 Iodomethane	0.56164	0.52050	0.60817	0.50014	0.42597	0.52328	13.063
12 Carbon disulfide	0.86163	0.69123	0.87559	0.69043	0.57872	0.73952	17.108
13 Methylene chloride	0.30572	0.28186	0.34065	0.27029	0.25225	0.29015	11.805
14 t-Butanol	0.00822	0.00801	0.01008	0.00758	0.00733	0.00825	13.157
15 trans-1,2-Dichloroethene	0.35341	0.31039	0.37535	0.30447	0.26417	0.32156	13.572
16 Acrylonitrile	0.05361	0.05019	0.06441	0.04970	0.03985	0.05155	17.126
17 Methyl-tert-butyl ether[MTBE]	0.86317	0.76870	0.89683	0.74008	0.63555	0.78087	13.301
18 1,1-Dichloroethane (**)	0.66693	0.57377	0.71701	0.56512	0.50921	0.60641	13.825
19 Vinyl acetate	1.02985	0.84985	1.04035	0.82299	0.68509	0.88563	16.952
20 Isopropyl ether	1.39161	1.12477	1.42348	1.09865	0.93058	1.19382	17.520
21 2,2-Dichloropropane	0.69320	0.57816	0.69176	0.56407	0.49945	0.60533	14.028
22 Tert-butyl ethyl ether	1.14501	1.01401	1.22587	0.96674	0.85818	1.04196	13.962
23 cis-1,2-Dichloroethene	0.35903	0.32611	0.36813	0.31399	0.28455	0.33036	10.301
24 2-Butanone	0.19549	0.13375	0.16207	0.12678	0.10386	0.14439	24.462
25 Bromochloromethane	0.20333	0.20694	0.22846	0.20054	0.18021	0.20390	8.442
26 Chloroform (*)	0.82895	0.69448	0.84158	0.65669	0.57145	0.71863	16.073

OFB 9/7/00

9-7-00

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 06-SEP-2000 10:25
End Cal Date : 06-SEP-2000 13:13
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\0906AD.B\8260BDA.M
Cal Date : 06-Sep-2000 14:34 beckmang
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	0.10826	0.09600	0.13023	0.08466	0.06823	0.09748	24.120
M	28 1,2-Dichloroethene (total)	0.35622	0.31825	0.37174	0.30923	0.27436	0.32596	11.895
	30 1,1,1-Trichloroethane	0.78500	0.71146	0.80730	0.68099	0.60378	0.71770	11.431
	31 Carbon Tetrachloride	0.72060	0.67763	0.73574	0.63329	0.56578	0.66661	10.364
	32 1,1-Dichloropropene	0.68499	0.57956	0.69021	0.53978	0.46868	0.59264	16.092
	34 1,2-Dichloroethane-d4 2nd	0.13250	0.09863	0.11809	0.09763	0.08617	0.10660	17.325
	35 Benzene	1.03408	0.89749	1.10032	0.85157	0.74626	0.92594	15.342
	36 1,2-Dichloroethane	0.61776	0.54043	0.61387	0.51543	0.45274	0.54805	12.707
	37 Tert-amyl methyl ether	1.04540	0.96655	1.13606	0.92476	0.81394	0.97734	12.469
	39 Trichloroethene	0.51607	0.44481	0.52721	0.43228	0.39997	0.46407	11.892
	40 1,2-Dichloropropane(*)	0.43606	0.38204	0.47753	0.37449	0.33583	0.40119	13.876
	41 Dibromomethane	0.35078	0.33284	0.39018	0.32492	0.28602	0.33695	11.282
	42 Bromodichloromethane	0.73950	0.70857	0.83403	0.70468	0.63469	0.72430	9.988
	43 1-Bromo-2-chloroethane	0.64268	0.96088	0.67131	0.98129	0.87098	0.82543	19.333
	44 2-Chloroethylvinyl ether	0.03834	0.05180	0.06972	0.05524	0.05250	0.05352	20.883
	45 cis-1,3-Dichloropropene	0.62878	0.58059	0.71460	0.57365	0.52923	0.60537	11.650
	46 4-Methyl-2-pentanone	0.45130	0.39594	0.47893	0.37662	0.28700	0.39795	18.709
	48 Toluene (*)	1.05470	1.29819	1.20430	1.21644	1.09563	1.17385	8.360
	49 trans-1,3-Dichloropropene	0.47835	0.60948	0.59341	0.62445	0.57165	0.57547	10.030
	50 1,1,2-Trichloroethane	0.32837	0.42744	0.38179	0.41717	0.37428	0.38581	10.176
	51 Tetrachloroethene	0.42230	0.53507	0.47879	0.49705	0.44843	0.47633	9.141
	52 1,3-Dichloropropane	0.57302	0.72313	0.67284	0.68914	0.59725	0.65108	9.746
	53 2-Hexanone	0.28074	0.33562	0.32055	0.33182	0.26006	0.30576	10.975
	54 Dibromochloromethane	0.52910	0.72058	0.64760	0.70644	0.65544	0.65183	11.583
	55 1,2-Dibromoethane	0.48745	0.64503	0.57339	0.63365	0.56728	0.58136	10.834
	57 Chlorobenzene (**)	0.84535	1.00803	0.92436	0.96097	0.86599	0.92094	7.271
	58 1,1,1,2-Tetrachloroethane	0.44512	0.56131	0.52264	0.56163	0.50244	0.51863	9.324
	59 Ethylbenzene (*)	0.39855	0.48030	0.44985	0.47788	0.41557	0.44443	8.247
	60 m,p-Xylenes	0.51798	0.61517	0.57352	0.57659	0.50469	0.55759	8.169
	61 o-Xylene	0.49851	0.59944	0.55894	0.57596	0.50621	0.54781	8.032
	62 Styrene	0.78655	0.95925	0.91980	0.95274	0.85013	0.89369	8.269
M	63 Xylenes (total)	0.51149	0.60993	0.56866	0.57638	0.50520	0.55433	8.084
	64 Bromoform (**)	0.41950	0.59369	0.55023	0.60806	0.55559	0.54541	13.670

STL Los Angeles

INITIAL CALIBRATION DATA

Start Cal Date : 06-SEP-2000 10:25
End Cal Date : 06-SEP-2000 13:13
Quant Method : ISTD
Origin : Disabled
Target Version : 4.00
Integrator : HP RTE
Method file : \\SANP2021\D\chem\md.i\0906AD.B\8260BDA.M
Cal Date : 06-Sep-2000 14:34 beckmang
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	1.54189	1.84816	1.71880	1.76794	1.54445	1.68425	8.123
66 4-Bromofluorobenzene-2nd	1.13692	1.01148	0.83178	0.92577	0.86271	0.95373	12.930
68 Bromobenzene	0.70412	0.84851	0.73089	0.82330	0.79681	0.78073	7.848
69 1,1,2,2-Tetrachloroethane(**)	0.86176	1.04889	0.91471	1.02754	0.93561	0.95770	8.211
70 1,2,3-Trichloropropane	0.26489	0.33938	0.28777	0.32480	0.29633	0.30263	9.811
71 n-Propylbenzene	2.40720	2.88587	2.67277	2.81178	2.53224	2.66197	7.381
72 2-Chlorotoluene	0.59439	0.65145	0.55736	0.61446	0.60612	0.60475	5.626
73 4-Chlorotoluene	0.61165	0.65243	0.57538	0.65949	0.63075	0.62594	5.424
74 1,3,5-Trimethylbenzene	1.99581	2.34720	1.96789	2.12581	1.96903	2.08115	7.802
75 tert-Butylbenzene	2.01882	2.34411	2.02811	2.23150	2.09895	2.14430	6.547
76 1,2,4-Trimethylbenzene	1.99103	2.33100	1.97020	2.16557	2.02819	2.09720	7.212
77 sec-Butylbenzene	2.74142	3.25950	2.76424	3.02718	2.87262	2.93299	7.319
78 1,3-Dichlorobenzene	1.26175	1.49922	1.23099	1.35560	1.31026	1.33156	7.888
80 1,4-Dichlorobenzene	1.42999	1.60692	1.31494	1.49517	1.30211	1.42982	8.925
81 p-Isopropyltoluene	2.23700	2.61445	2.20335	2.43167	2.14424	2.32614	8.335
82 1,2-Dichlorobenzene	1.21020	1.42450	1.17220	1.30441	1.25732	1.27372	7.681
83 n-Butylbenzene	2.15266	2.60200	2.20022	2.40015	2.28795	2.32859	7.711
84 1,2-Dibromo-3-chloropropane	0.24038	0.33797	0.29036	0.35501	0.36101	0.31695	16.089
85 1,2,4-Trichlorobenzene	1.12122	1.27231	1.06167	1.15839	1.14761	1.15224	6.672
86 Hexachlorobutadiene	0.81572	1.01700	0.78377	0.91795	0.87378	0.88164	10.400
87 Napthalene	1.90599	2.20174	1.80596	2.04223	1.81815	1.95481	8.554
88 1,2,3-Trichlorobenzene	1.05582	1.17149	0.99265	1.12082	1.06547	1.08125	6.282
$ 29 Dibromofluoromethane	0.90188	0.62879	0.68983	0.61699	0.54957	0.67741	19.929
$ 33 1,2-Dichloroethane-d4	0.67703	0.47088	0.50417	0.43617	0.40562	0.49877	21.308
$ 47 Toluene-d8	1.22325	1.17963	1.06390	1.10272	0.97037	1.10798	8.949
$ 67 4-Bromofluorobenzene	1.69046	1.46573	1.20393	1.32338	1.21368	1.37943	14.751

Data File: \\SANP2021\D\chem\md.i\0906AD.B\DS2468.D
Report Date: 09/06/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2468.D
Analysis Type: SOIL

Injection Date: 06-SEP-2000 13:13
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\0906AD.B\8260BDA.

COMPOUND	%RSD
Dichlorodifluoromethane	15.3
Chloromethane (**)	21.4
Vinyl chloride (*)	18.5
Bromomethane	28.8
Chloroethane	35.2
Trichlorofluoromethane	28.8
t-Butanol	13.2
Acrolein	16.3
1,1-Dichloroethene(*)	15.8
1,1,2-Trichlorotrifluoroethan	12.3
Acetone	23.8
Iodomethane	13.2
Carbon disulfide	16.6
Methylene chloride	11.8
trans-1,2-Dichloroethene	13.6
Acrylontrile	13.6
Methyl-tert-butyl ether[MTBE]	13.2
1,1-Dichloroethane (**)	13.8
Vinyl acetate	17.0
Isopropyl ether	17.6
Tert-butyl ethyl ether	13.9
2,2-Dichloropropane	14.0
cis-1,2-Dichloroethene	10.3
2-Butanone	24.4
Bromochloromethane	8.4
Tetrahydrofuran	24.1
Chloroform (*)	16.1
1,2-Dichloroethene (total)	11.9
1,1,1-Trichloroethane	11.4
Dibromofluoromethane	19.9
Carbon Tetrachloride	10.3
1,1-Dichloropropene	16.1
1,2-Dichloroethane-d4	21.3
1,2-Dichloroethane-d4 2nd	17.5
Benzene	15.3
1,2-Dichloroethane	12.7
Tert-amyl methyl ether	12.5
Trichloroethene	11.9
1,2-Dichloropropane(*)	13.9

Data File: \\SANP2021\D\chem\md.i\0906AD.B\
Report Date: 09/06/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2468.D
Analysis Type: SOIL

Injection Date: 06-SEP-2000 13:13
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\0906AD.B\8

COMPOUND	%RSD
Dibromomethane	11.3
Bromodichloromethane	10.0
1-Bromo-2-chloroethane	19.3
2-Chloroethylvinyl ether	20.9
cis-1,3-Dichloropropene	11.7
4-Methyl-2-pentanone	18.6
Toluene-d8	8.9
Toluene (*)	8.4
trans-1,3-Dichloropropene	10.0
1,1,2-Trichloroethane	10.2
Tetrachloroethene	9.1
1,3-Dichloropropane	9.7
2-Hexanone	11.0
Dibromochloromethane	11.6
1,2-Dibromoethane	10.8
Chlorobenzene (**)	7.3
1,1,1,2-Tetrachloroethane	9.3
Ethylbenzene (*)	8.2
m,p-Xylenes	8.2
o-Xylene	8.0
Styrene	8.3
Xylenes (total)	8.1
Bromoform (**)	13.7
Isopropylbenzene	8.1
4-Bromofluorobenzene	14.8
4-Bromofluorobenzene-2nd	12.9
Bromobenzene	7.8
1,1,2,2-Tetrachloroethane(**)	8.2
1,2,3-Trichloropropane	9.8
n-Propylbenzene	7.4
2-Chlorotoluene	5.6
4-Chlorotoluene	5.4
1,3,5-Trimethylbenzene	7.8
tert-Butylbenzene	6.5
1,2,4-Trimethylbenzene	8.0
sec-Butylbenzene	7.3
1,3-Dichlorobenzene	7.9
p-Isopropyltoluene	8.2
1,4-Dichlorobenzene	8.9

Data File: \\SANP2021\D\chem\md.i\0906AD.B\DS2468.D
Report Date: 09/06/2000

INITIAL CALIBRATION REPORT

Instrument ID: md.i
Lab File ID: DS2468.D
Analysis Type: SOIL

Injection Date: 06-SEP-2000 13:13
Lab Sample ID: 400 PPB 8260B STD
Method File: \\SANP2021\D\chem\md.i\0906AD.B\8

COMPOUND	%RSD
1,2-Dichlorobenzene	7.7
n-Butylbenzene	7.7
1,2-Dibromo-3-chloropropane	16.1
1,2,4-Trichlorobenzene	6.7
Hexachlorobutadiene	10.4
Napthalene	8.5
1,2,3-Trichlorobenzene	6.3

The average of all %RSD's in the initial calibration is 12.9 ✓ GFB 9/7/00

9-7-00

Data File: \\SANP2021\D\CHEM\MD.I\0906AD.B\DT1519.D

Date : 06-SEP-2000 10:05

Client ID:

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

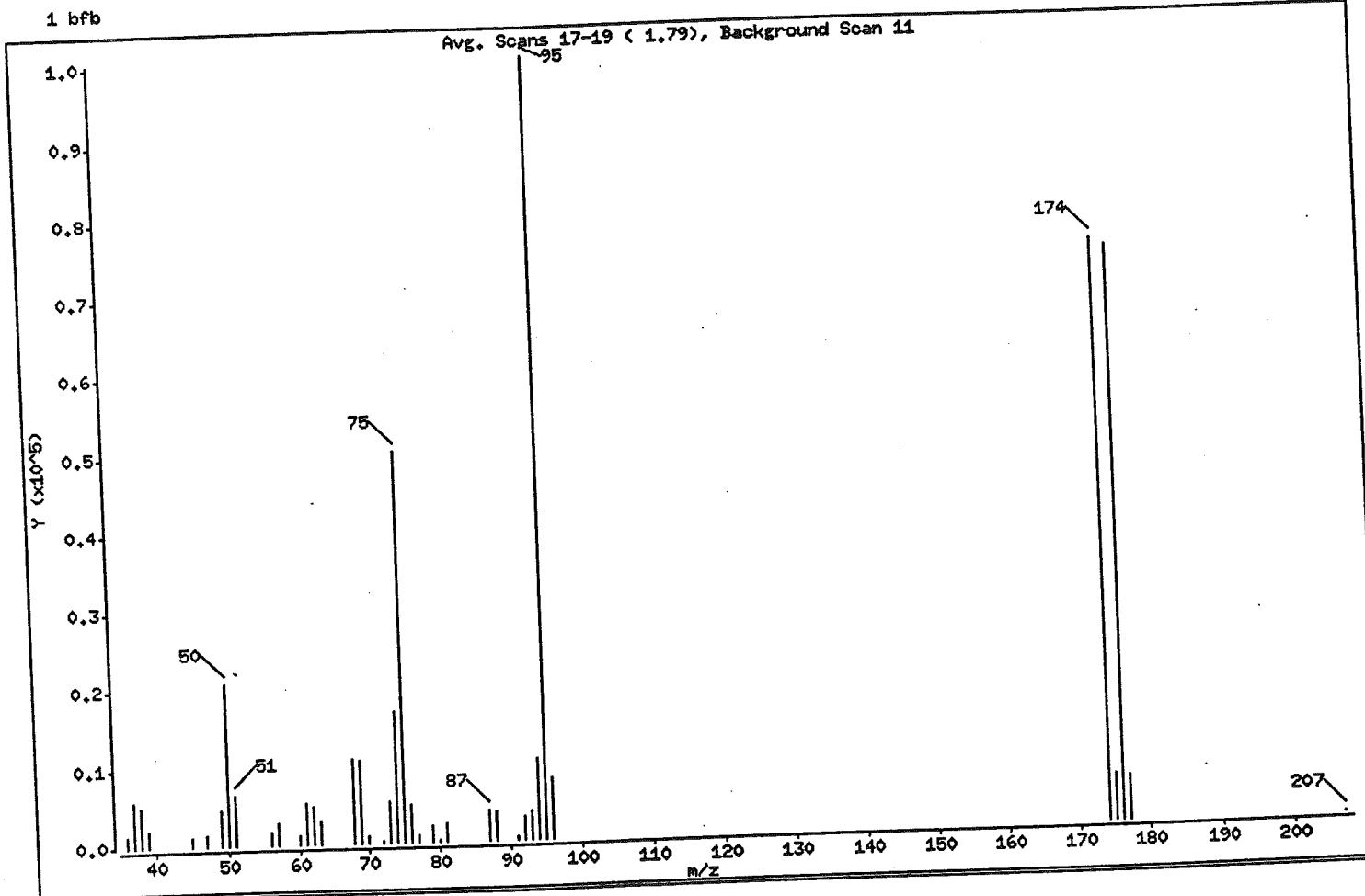
Instrument: md.i

Operator: GFB

Column diameter: 0.53

Column phase: J&W DB-624

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	20.65
75	30.00 - 60.00% of mass 95	49.86
96	5.00 - 9.00% of mass 95	7.76
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	74.59
175	5.00 - 9.00% of mass 174	5.96 (7.99)
176	95.00 - 101.00% of mass 174	73.58 (98.64)
177	5.00 - 9.00% of mass 176	5.66 (7.69)

GFB 9/7/00

9-7-00

Data File: \\SANP2021\D\CHEM\MD.I\0906AD.B\DT1519.D

Date : 06-SEP-2000 10:05

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: DT1519.D

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

Location of Maximum: 95.00

Number of points: 40

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1428	60.00	1209	76.00	4745	95.00	100544
37.00	5755	61.00	5308	77.00	858	96.00	7805
38.00	5018	62.00	4965	79.00	2118	174.00	75000
39.00	2002	63.00	3023	80.00	274	175.00	5995
45.00	1180	68.00	10961	81.00	2378	176.00	73976
47.00	1361	69.00	10743	87.00	3964	177.00	5690
49.00	4564	70.00	956	88.00	3587	207.00	99
50.00	20760	72.00	268	91.00	374		
51.00	6427	73.00	5322	92.00	2943		
56.00	1515	74.00	16968	93.00	3784		
57.00	2857	75.00	50136	94.00	10504		

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\0906AD.B\DT1519.D
Lab Smp Id:
Inj Date : 06-SEP-2000 10:05
Operator : GFB
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\0906AD.B\BFB.M
Meth Date : 11-Jul-2000 09:15
Cal Date :
Als bottle: 2
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.00
Processing Host: SANP2021

Inst ID: md.i

Quant Type: ISTD
Cal File:
QC Sample: BFB

Compound Sublist: all.sub
Sample Matrix: WATER

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	
1.7923	1.8000	(0.000)	95	100546			0.00- 100.00	100.00
1.7923	1.8000	(0.000)	50	20762			15.00- 40.00	20.65
1.7923	1.8000	(0.000)	75	50136			30.00- 60.00	49.86
1.7923	1.8000	(0.000)	96	7805			5.00- 9.00	7.76
1.7923	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7923	1.8000	(0.000)	174	75000			50.00- 0.00	74.59
1.7923	1.8000	(0.000)	175	5995			5.00- 9.00	7.99
1.7923	1.8000	(0.000)	176	73978			95.00- 101.00	98.64
1.7923	1.8000	(0.000)	177	5690			5.00- 9.00	7.69

Data File: \\SANP2021\D\CHEM\MD.I\0906AD.B\DT1519.D

Date : 06-SEP-2000 10:05

Client ID:

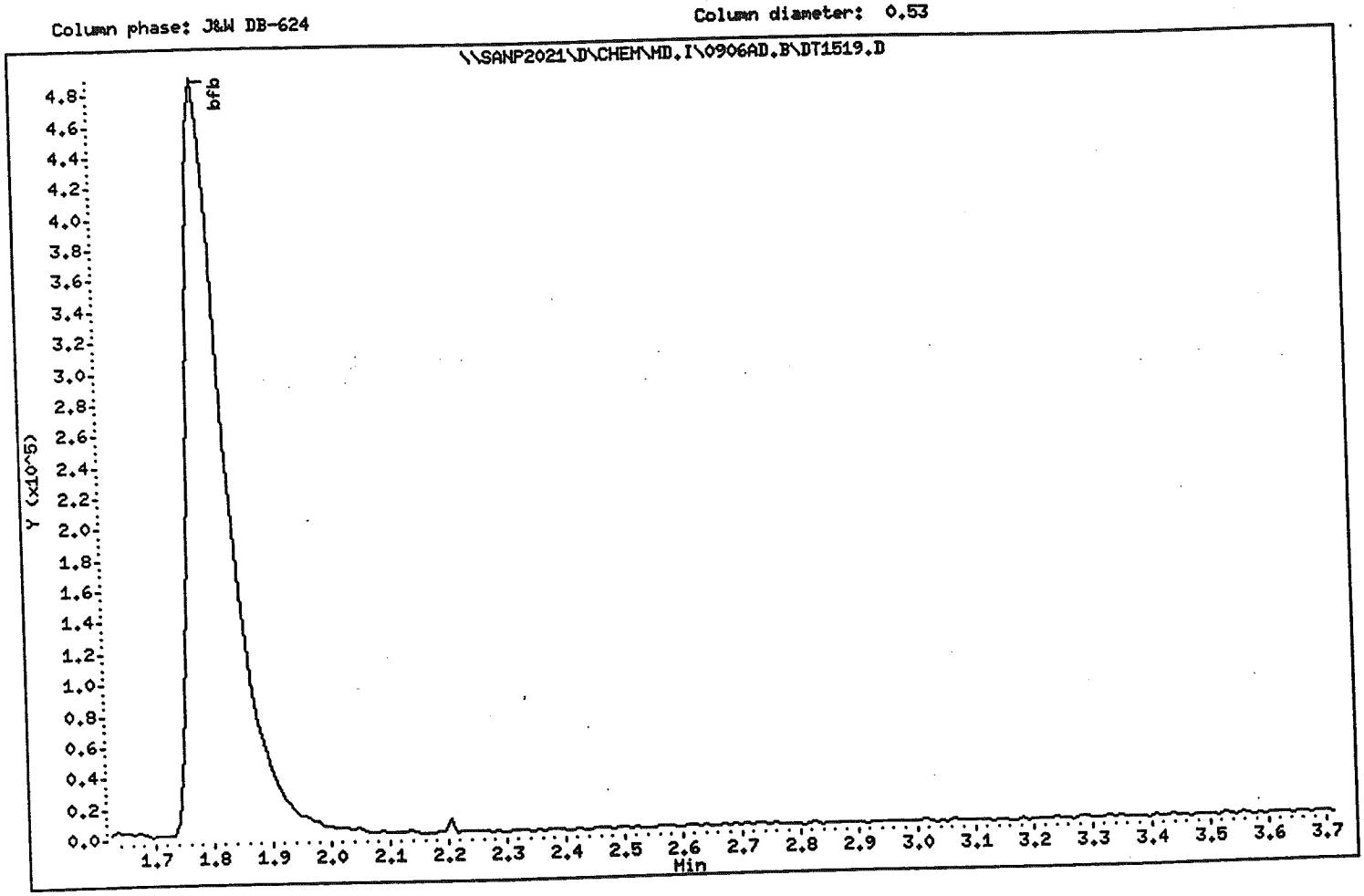
Instrument: md.i

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\0906AD.B\DS2465.D
Report Date: 06-Sep-2000 11:41

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2465.D
Lab Smp Id: 5 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\0906AD.B\8260BDA.m
Misc Info: 1204-2;99-1,,5,,1,1-8260B.SUB

Calibration Date: 06-SEP-2000
Calibration Time: 10:25

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1312731	656366	2625462	1212421	-7.64
56 Chlorobenzene-d5	1398955	699478	2797910	1398124	-0.06
79 1,4-Dichlorobenze	1008220	504110	2016440	933395	-7.42

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.11	0.18
56 Chlorobenzene-d5	12.62	12.12	13.12	12.62	-0.05
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.28	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: \\SANP2021\D\CHEM\MD.I\0906AD.B\DS2466.D
Report Date: 06-Sep-2000 12:14

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2466.D
Lab Smp Id: 20 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\0906AD.B\8260BDA.m
Misc Info: 1204-2;99-1,,5,,1,1-8260B.SUB

Calibration Date: 06-SEP-2000
Calibration Time: 10:25

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1312731	656366	2625462	1512862	15.25
56 Chlorobenzene-d5	1398955	699478	2797910	1270514	-9.18
79 1,4-Dichlorobenze	1008220	504110	2016440	868701	-13.84

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.11	0.17
56 Chlorobenzene-d5	12.62	12.12	13.12	12.64	0.09
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.29	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.

Data File: \\SANP2021\D\CHEM\MD.I\0906AD.B\DS2464.D
Report Date: 06-Sep-2000 10:49

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2464.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\0906AD.B\8260BDA.m
Misc Info: 1204-2,,5,,2,1-8260B.SUB

Calibration Date: 06-SEP-2000
Calibration Time: 08:14

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1419799	709900	2839598	1312731	-7.54
56 Chlorobenzene-d5	1484312	742156	2968624	1398955	-5.75
79 1,4-Dichlorobenze	1043785	521893	2087570	1008220	-3.41

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.12	6.62	7.62	7.10	-0.26
56 Chlorobenzene-d5	12.62	12.12	13.12	12.62	0.01
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.27	0.01

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: \\SANP2021\D\CHEM\MD.I\0906AD.B\DS2467.D
Report Date: 06-Sep-2000 13:05

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2467.D
Lab Smp Id: 100 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\0906AD.B\8260BDA.m
Misc Info: 1204-2;03-2,,5,,1,1-8260B.SUB

Calibration Date: 06-SEP-2000
Calibration Time: 10:25

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1312731	656366	2625462	1534312	16.88
56 Chlorobenzene-d5	1398955	699478	2797910	1286362	-8.05
79 1,4-Dichlorobenze	1008220	504110	2016440	881709	-12.55

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.11	0.18
56 Chlorobenzene-d5	12.62	12.12	13.12	12.65	0.18
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.31	0.19

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: \\SANP2021\D\chem\md.i\0906AD.B\DS2468.D
Report Date: 07-Sep-2000 12:57

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2468.D
Lab Smp Id: 400 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\chem\md.i\0906AD.B\8260BDA.m
Misc Info: 1204-2;03-2,,5,,1,1-8260B.SUB

Calibration Date: 06-SEP-2000
Calibration Time: 10:25

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1312731	656366	2625462	1527344	16.35
56 Chlorobenzene-d5	1398955	699478	2797910	1279457	-8.54
79 1,4-Dichlorobenze	1008220	504110	2016440	808674	-19.79

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.12	0.33
56 Chlorobenzene-d5	12.62	12.12	13.12	12.65	0.18
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.30	0.13

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\0906AD.B\DS2465.D
Lab Smp Id: 5 PPB 8260B STD
Inj Date : 06-SEP-2000 11:17
Operator : GFB
Inst ID: md.i
Smp Info : 5 PPB 8260B STD,,,1,0,,,8260BDA.M
Misc Info : 1204-2;99-1,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\0906AD.B\8260BDA.m
Meth Date : 06-Sep-2000 11:41 beckmang
Quant Type: ISTD
Cal Date : 31-AUG-2000 22:29
Cal File: DS2458.D
Calibration Sample, Level: 1
Als bottle: 2
Dil Factor: 1.00000
Compound Sublist: 1-8260B.SUB
Integrator: HP RTE
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	1.465	1.462	(0.206)	80057	5.00000	13.89
3 Chloromethane (**)	50	1.622	1.629	(0.228)	40005	5.00000	9.81
2 Vinyl chloride (*)	62	1.691	1.698	(0.238)	42923	5.00000	9.26
4 Bromomethane	94	1.987	1.984	(0.279)	35343	5.00000	9.04
5 Chloroethane	64	2.075	2.072	(0.292)	25670	5.00000	8.25
6 Trichlorofluoromethane	101	2.302	2.299	(0.324)	96122	5.00000	7.92
7 Acrolein	56	2.726	2.703	(0.383)	9659	50.0000	58.25
8 1,1-Dichloroethene(*)	96	2.795	2.782	(0.393)	37678	5.00000	6.67
9 1,1,2-Trichlorotrifluoroethan	151	2.814	2.811	(0.396)	56054	5.00000	6.84
10 Acetone	43	2.864	2.870	(0.403)	61482	25.0000	35.44
11 Iodomethane	142	2.942	2.949	(0.414)	136188	10.0000	13.08
12 Carbon disulfide	76	3.011	3.008	(0.424)	104466	5.00000	7.60
13 Methylene chloride	84	3.346	3.343	(0.471)	37066	5.00000	5.45
14 t-Butanol	59	2.578	2.575	(0.363)	24913	125.000	136.6(aQ)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
16 Acrylontrile	53	3.662	3.668	(0.515)	68833	50.0000	59.26
15 trans-1,2-Dichloroethene	96	3.691	3.678	(0.519)	42848	5.00000	5.97
19 Vinyl acetate	43	4.401	4.407	(0.619)	249723	10.0000	12.61
17 Methyl-tert-butyl ether[MTBE]	73	3.711	3.708	(0.522)	104653	5.00000	5.70
18 1,1-Dichloroethane (**)	63	4.282	4.269	(0.602)	80860	5.00000	5.74
20 Isopropyl ether	45	4.440	4.437	(0.624)	168722	5.00000	6.12(Q)
22 Tert-butyl ethyl ether	59	5.002	5.018	(0.703)	138823	5.00000	5.54
21 2,2-Dichloropropane	77	5.159	5.166	(0.726)	84045	5.00000	5.93(Q)
23 cis-1,2-Dichloroethene	96	5.199	5.186	(0.731)	43529	5.00000	5.37
24 2-Butanone	43	5.248	5.265	(0.738)	115734	25.0000	36.08
25 Bromochloromethane	128	5.563	5.570	(0.782)	24652	5.00000	4.78(a)
27 Tetrahydrofuran	42	5.671	5.668	(0.798)	13126	5.00000	6.49(Q)
26 Chloroform (*)	83	5.721	5.728	(0.805)	100504	5.00000	5.61
M 28 1,2-Dichloroethene (total)	100				86378	10.0000	11.33
$ 29 Dibromofluoromethane	111	5.987	6.003	(0.842)	109346	5.00000	6.25
30 1,1,1-Trichloroethane	97	5.977	5.974	(0.841)	95175	5.00000	5.55
31 Carbon Tetrachloride	117	6.243	6.250	(0.878)	87367	5.00000	5.54
32 1,1-Dichloropropene	75	6.272	6.260	(0.882)	83050	5.00000	6.04
$ 33 1,2-Dichloroethane-d4	65	6.539	6.526	(0.920)	82085	5.00000	6.40
34 1,2-Dichloroethane-d4 2nd	102	6.539	6.526	(0.920)	16065	5.00000	5.87(Q)
35 Benzene	78	6.598	6.604	(0.928)	125374	5.00000	5.69
36 1,2-Dichloroethane	62	6.657	6.664	(0.936)	74899	5.00000	5.47(Q)
37 Tert-amyl methyl ether	73	6.903	6.900	(0.971)	126747	5.00000	5.30(Q)
* 38 Fluorobenzene	96	7.110	7.097	(1.000)	1212421	50.0000	
39 Trichloroethene	130	7.750	7.747	(1.090)	62570	5.00000	5.48
40 1,2-Dichloropropane(*)	63	8.125	8.122	(1.143)	52869	5.00000	5.33
41 Dibromomethane	93	8.341	8.329	(1.173)	42529	5.00000	4.93(a)
42 Bromodichloromethane	83	8.657	8.654	(1.218)	89658	5.00000	4.88(aQ)
44 2-Chloroethylvinyl ether	106	9.287	9.284	(1.306)	9298	10.0000	7.13(Q)
43 1-Bromo-2-chloroethane	63	9.179	9.176	(1.291)	77920	5.00000	5.48(Q)
45 cis-1,3-Dichloropropene	75	9.465	9.471	(1.331)	76235	5.00000	5.00
46 4-Methyl-2-pentanone	43	9.819	9.816	(1.381)	273580	25.0000	29.77
$ 47 Toluene-d8	98	9.928	9.925	(0.787)	171026	5.00000	5.23
48 Toluene (*)	91	10.046	10.043	(0.796)	147460	5.00000	4.25(a)
49 trans-1,3-Dichloropropene	75	10.538	10.526	(0.835)	66879	5.00000	3.87(a)
50 1,1,2-Trichloroethane	97	10.854	10.841	(0.860)	45910	5.00000	3.84(a)
51 Tetrachloroethene	164	11.061	11.058	(0.877)	59043	5.00000	4.21(a)
52 1,3-Dichloropropane	76	11.139	11.136	(0.883)	80116	5.00000	4.08(a)
53 2-Hexanone	43	11.386	11.393	(0.902)	196255	25.0000	23.11
54 Dibromochloromethane	129	11.543	11.560	(0.915)	73975	5.00000	3.67(a)
55 1,2-Dibromoethane	107	11.701	11.708	(0.927)	68151	5.00000	3.81(aQ)
* 56 Chlorobenzene-d5	117	12.617	12.624	(1.000)	1398124	50.0000	
57 Chlorobenzene (**)	112	12.686	12.673	(1.005)	118191	5.00000	4.26(a)
58 1,1,1,2-Tetrachloroethane	131	12.864	12.861	(1.020)	62233	5.00000	3.91(a)
59 Ethylbenzene (*)	106	12.933	12.939	(1.025)	55722	5.00000	4.21(a)
60 m,p-Xylenes	106	13.189	13.176	(1.045)	144839	10.0000	8.68
61 o-Xylene	106	13.937	13.934	(1.105)	69698	5.00000	4.25(a)

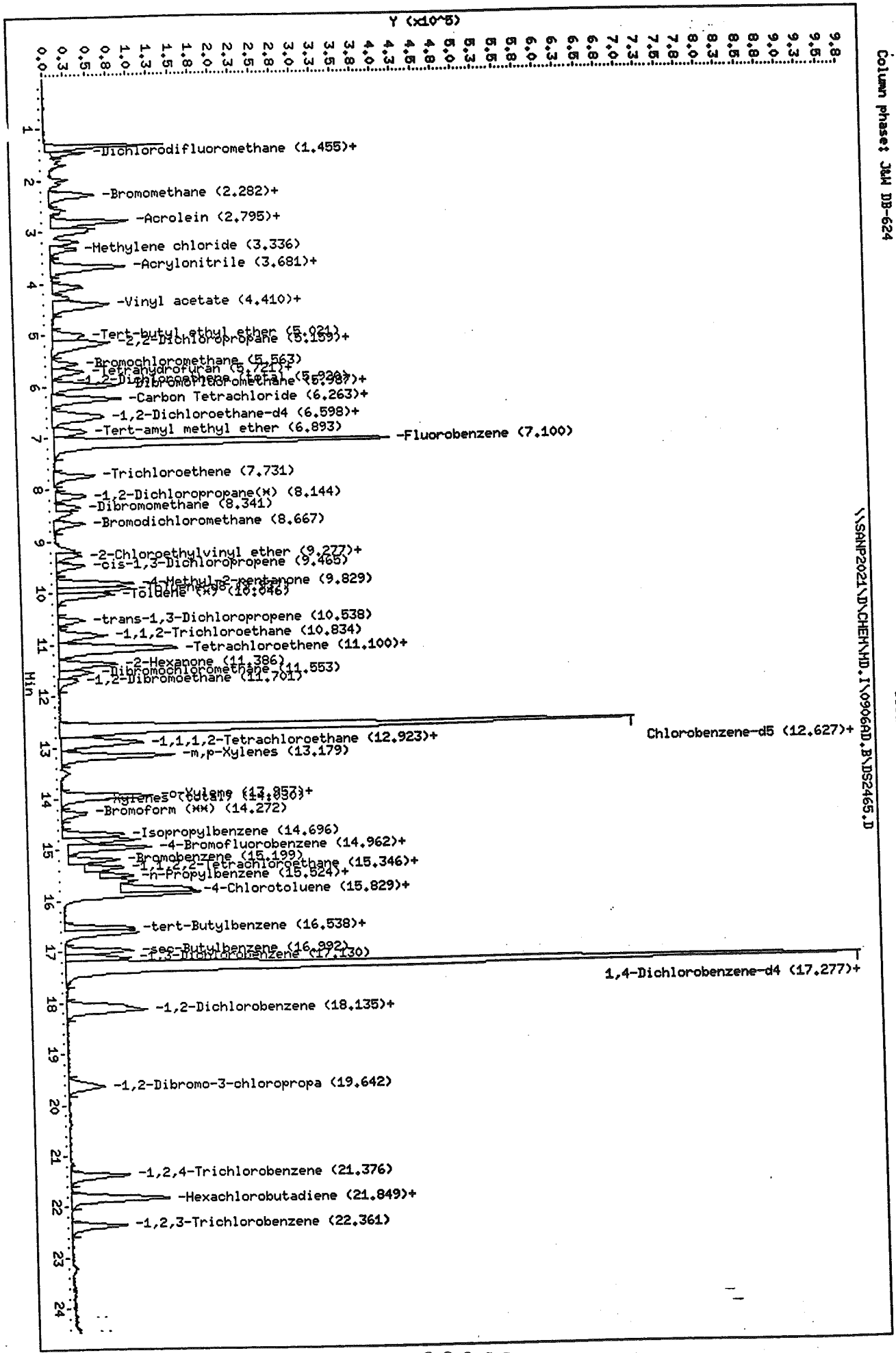
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
62 Styrene	104	13.967	13.974	(1.107)	109970	5.00000	4.05(a)
M 63 Xylenes (total)	100				214537	15.0000	12.93
64 Bromoform (**)	173	14.272	14.289	(1.131)	58652	5.00000	3.43(aQ)
65 Isopropylbenzene	105	14.696	14.693	(1.165)	215575	5.00000	4.26(a)
$ 67 4-Bromofluorobenzene	95	14.952	14.959	(0.865)	157787	5.00000	6.03
66 4-Bromofluorobenzene-2nd	174	14.982	14.959	(0.867)	106120	5.00000	5.77
68 Bromobenzene	156	15.199	15.196	(0.880)	65722	5.00000	4.18(a)
69 1,1,2,2-Tetrachloroethane(**)	83	15.336	15.343	(0.888)	80436	5.00000	4.24(a)
70 1,2,3-Trichloropropane	110	15.386	15.373	(0.891)	24725	5.00000	4.22(a)
71 n-Propylbenzene	91	15.534	15.521	(0.899)	224687	5.00000	4.21(a)
72 2-Chlorotoluene	126	15.622	15.639	(0.904)	55480	5.00000	4.60(a)
73 4-Chlorotoluene	126	15.869	15.865	(0.918)	57091	5.00000	4.55(a)
74 1,3,5-Trimethylbenzene	105	15.898	15.915	(0.920)	186288	5.00000	4.55(a)
75 tert-Butylbenzene	119	16.548	16.535	(0.958)	188436	5.00000	4.48(a)
76 1,2,4-Trimethylbenzene	105	16.647	16.634	(0.964)	185842	5.00000	4.40(a)
77 sec-Butylbenzene	105	16.992	16.979	(0.983)	255883	5.00000	4.48(a)
78 1,3-Dichlorobenzene	146	17.130	17.136	(0.991)	117771	5.00000	4.44(a)
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.274	(1.000)	933395	50.0000	(Q)
80 1,4-Dichlorobenzene	146	17.327	17.324	(1.003)	133475	5.00000	4.64(a)
81 p-Isopropyltoluene	119	17.317	17.314	(1.002)	208800	5.00000	4.56(a)
82 1,2-Dichlorobenzene	146	18.046	18.062	(1.044)	112959	5.00000	4.40(a)
83 n-Butylbenzene	91	18.154	18.141	(1.051)	200928	5.00000	4.45(a)
84 1,2-Dibromo-3-chloropropane	157	19.681	19.688	(1.139)	22437	5.00000	3.68(a)
85 1,2,4-Trichlorobenzene	180	21.386	21.383	(1.238)	104654	5.00000	4.57(a)
86 Hexachlorobutadiene	225	21.809	21.806	(1.262)	76139	5.00000	4.36(a)
87 Napthalene	128	21.869	21.865	(1.266)	177904	5.00000	4.43(aQ)
88 1,2,3-Trichlorobenzene	180	22.391	22.378	(1.296)	98550	5.00000	4.56(a)

QC Flag Legend

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

Data File: \\SANP2021\D\CHEM\MD.I\0906AD.B\DS2465.D
Date : 06-SEP-2000 11:17
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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\0906AD.B\DS2466.D
Lab Smp Id: 20 PPB 8260B STD
Inj Date : 06-SEP-2000 11:50
Operator : GFB
Smp Info : 20 PPB 8260B STD,,,2,0,,,8260BDA.M
Misc Info : 1204-2;99-1,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\0906AD.B\8260BDA.m
Meth Date : 06-Sep-2000 12:14 beckmang
Cal Date : 31-AUG-2000 22:29
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.00
Processing Host: SANP2021

Inst ID: md.i
Quant Type: ISTD
Cal File: DS2458.D
Calibration Sample, Level: 2
Compound Sublist: 1-8260B.SUB

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	1.463	1.462	(0.206)	330226	20.0000	45.92
3 Chloromethane (**)	50	1.641	1.629	(0.231)	157008	20.0000	30.87
2 Vinyl chloride (*)	62	1.700	1.698	(0.239)	169949	20.0000	29.38
4 Bromomethane	94	1.976	1.984	(0.278)	128622	20.0000	26.37
5 Chloroethane	64	2.064	2.072	(0.290)	112626	20.0000	29.02
6 Trichlorofluoromethane	101	2.301	2.299	(0.324)	430120	20.0000	28.42
7 Acrolein	56	2.705	2.703	(0.380)	45755	200.000	221.1(A)
8 1,1-Dichloroethene(*)	96	2.793	2.782	(0.393)	163249	20.0000	23.17
9 1,1,2-Trichlorotrifluoroethan	151	2.813	2.811	(0.396)	266480	20.0000	26.05
10 Acetone	43	2.872	2.870	(0.404)	241150	100.000	111.4
11 Iodomethane	142	2.951	2.949	(0.415)	629952	40.0000	48.47
12 Carbon disulfide	76	3.010	3.008	(0.423)	412651	20.0000	24.05
13 Methylene chloride	84	3.335	3.343	(0.469)	170566	20.0000	20.09
14 t-Butanol	59	2.577	2.575	(0.362)	121244	500.000	532.6(Q)

Data File: \\SANP2021\D\CHEM\MD.I\0906AD.B\DS2466.D
Report Date: 06-Sep-2000 12:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
16 Acrylontrile	53	3.660	3.668	(0.515)	303710	200.000	209.6(A)
15 trans-1,2-Dichloroethene	96	3.680	3.678	(0.518)	187831	20.0000	20.96
19 Vinyl acetate	43	4.409	4.407	(0.620)	989792	40.0000	40.06
17 Methyl-tert-butyl ether[MTBE]	73	3.710	3.708	(0.522)	465174	20.0000	20.31
18 1,1-Dichloroethane (**)	63	4.271	4.269	(0.601)	347213	20.0000	19.76
20 Isopropyl ether	45	4.439	4.437	(0.624)	680650	20.0000	19.78
22 Tert-butyl ethyl ether	59	5.010	5.018	(0.705)	613621	20.0000	19.64(Q)
21 2,2-Dichloropropane	77	5.158	5.166	(0.726)	349868	20.0000	19.78
23 cis-1,2-Dichloroethene	96	5.168	5.186	(0.727)	197342	20.0000	19.50
24 2-Butanone	43	5.276	5.265	(0.742)	404697	100.000	101.1
25 Bromochloromethane	128	5.572	5.570	(0.784)	125231	20.0000	19.47
27 Tetrahydrofuran	42	5.670	5.668	(0.798)	58091	20.0000	23.03
26 Chloroform (*)	83	5.729	5.728	(0.806)	420263	20.0000	18.79
M 28 1,2-Dichloroethene (total)	100				385174	40.0000	40.46
$ 29 Dibromofluoromethane	111	6.005	6.003	(0.845)	380508	20.0000	17.42
30 1,1,1-Trichloroethane	97	5.986	5.974	(0.842)	430534	20.0000	20.12
31 Carbon Tetrachloride	117	6.261	6.250	(0.881)	410066	20.0000	20.84
32 1,1-Dichloropropene	75	6.271	6.260	(0.882)	350718	20.0000	20.45
$ 33 1,2-Dichloroethane-d4	65	6.537	6.526	(0.920)	284951	20.0000	17.79
34 1,2-Dichloroethane-d4 2nd	102	6.547	6.526	(0.921)	59687	20.0000	17.48(Q)
35 Benzene	78	6.616	6.604	(0.931)	543113	20.0000	19.77
36 1,2-Dichloroethane	62	6.675	6.664	(0.939)	327041	20.0000	19.14
37 Tert-amyl methyl ether	73	6.882	6.900	(0.968)	584904	20.0000	19.62
* 38 Fluorobenzene	96	7.109	7.097	(1.000)	1512862	50.0000	
39 Trichloroethene	130	7.759	7.747	(1.091)	269172	20.0000	18.90
40 1,2-Dichloropropane(*)	63	8.133	8.122	(1.144)	231190	20.0000	18.67
41 Dibromomethane	93	8.340	8.329	(1.173)	201415	20.0000	18.72
42 Bromodichloromethane	83	8.665	8.654	(1.219)	428790	20.0000	18.72
44 2-Chloroethylvinyl ether	106	9.266	9.284	(1.304)	62696	40.0000	38.52(Q)
43 1-Bromo-2-chloroethane	63	9.178	9.176	(1.291)	581473	20.0000	32.75(Q)
45 cis-1,3-Dichloropropene	75	9.483	9.471	(1.334)	351339	20.0000	18.46
46 4-Methyl-2-pentanone	43	9.828	9.816	(1.383)	1197995	100.000	104.5
$ 47 Toluene-d8	98	9.936	9.925	(0.786)	599493	20.0000	20.18
48 Toluene (*)	91	10.064	10.043	(0.796)	659747	20.0000	20.91
49 trans-1,3-Dichloropropene	75	10.527	10.526	(0.833)	309742	20.0000	19.71
50 1,1,2-Trichloroethane	97	10.862	10.841	(0.860)	217228	20.0000	20.02
51 Tetrachloroethene	164	11.069	11.058	(0.876)	271926	20.0000	21.33
52 1,3-Dichloropropane	76	11.138	11.136	(0.881)	367500	20.0000	20.59
53 2-Hexanone	43	11.385	11.393	(0.901)	852808	100.000	110.5
54 Dibromochloromethane	129	11.562	11.560	(0.915)	366204	20.0000	19.98
55 1,2-Dibromoethane	107	11.729	11.708	(0.928)	327806	20.0000	20.19
* 56 Chlorobenzene-d5	117	12.636	12.624	(1.000)	1270514	50.0000	
57 Chlorobenzene (**)	112	12.675	12.673	(1.003)	512289	20.0000	20.32
58 1,1,1,2-Tetrachloroethane	131	12.882	12.861	(1.019)	285262	20.0000	19.72
59 Ethylbenzene (*)	106	12.941	12.939	(1.024)	244092	20.0000	20.30
60 m,p-Xylenes	106	13.188	13.176	(1.044)	625266	40.0000	41.24
61 o-Xylene	106	13.946	13.934	(1.104)	304641	20.0000	20.43

Data File: \\SANP2021\D\CHEM\MD.I\0906AD.B\DS2466.D
Report Date: 06-Sep-2000 12:14

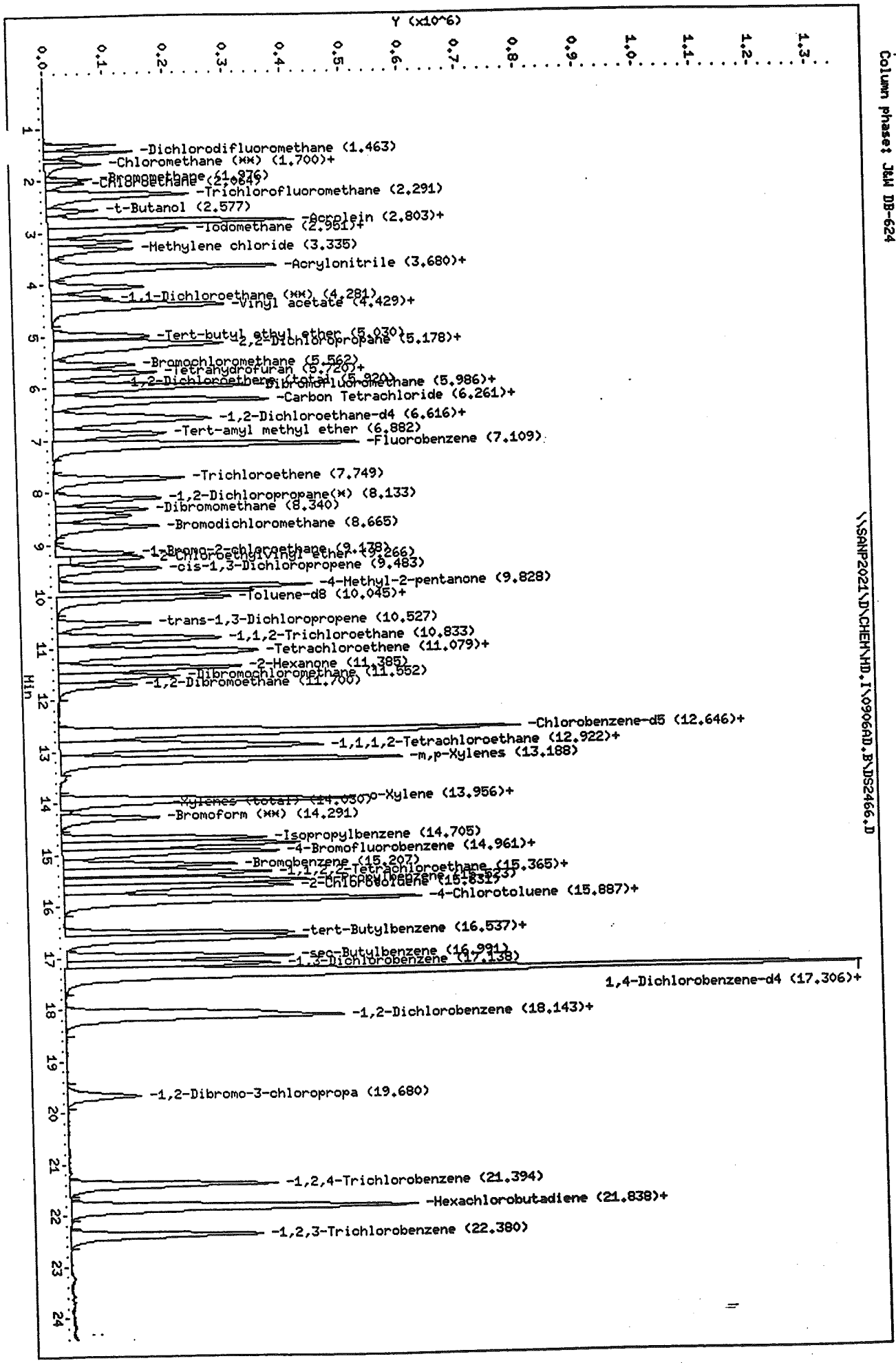
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.976	13.974	(1.106)	487494	20.0000	19.75
M	63 Xylenes (total)	100				929908	60.0000	61.67
	64 Bromoform (**)	173	14.301	14.289	(1.132)	301716	20.0000	19.44
	65 Isopropylbenzene	105	14.695	14.693	(1.163)	939243	20.0000	20.42
$	67 4-Bromofluorobenzene	95	14.961	14.959	(0.865)	509312	20.0000	20.92
	66 4-Bromofluorobenzene-2nd	174	14.961	14.959	(0.865)	351468	20.0000	20.55
	68 Bromobenzene	156	15.217	15.196	(0.880)	294839	20.0000	20.15
	69 1,1,2,2-Tetrachloroethane(**)	83	15.355	15.343	(0.888)	364469	20.0000	20.64
	70 1,2,3-Trichloropropane	110	15.365	15.373	(0.889)	117927	20.0000	21.61
	71 n-Propylbenzene	91	15.532	15.521	(0.899)	1002782	20.0000	20.18
	72 2-Chlorotoluene	126	15.631	15.639	(0.904)	226367	20.0000	20.16
	73 4-Chlorotoluene	126	15.867	15.865	(0.918)	226706	20.0000	19.42
	74 1,3,5-Trimethylbenzene	105	15.907	15.915	(0.920)	815606	20.0000	21.40
	75 tert-Butylbenzene	119	16.537	16.535	(0.957)	814531	20.0000	20.82
	76 1,2,4-Trimethylbenzene	105	16.646	16.634	(0.963)	811587	20.0000	20.65
	77 sec-Butylbenzene	105	16.991	16.979	(0.983)	1132613	20.0000	21.33
	78 1,3-Dichlorobenzene	146	17.138	17.136	(0.991)	520950	20.0000	21.12
*	79 1,4-Dichlorobenzene-d4	152	17.286	17.274	(1.000)	868701	50.0000	(Q)
	80 1,4-Dichlorobenzene	146	17.335	17.324	(1.003)	558372	20.0000	20.87
	81 p-Isopropyltoluene	119	17.316	17.314	(1.002)	908471	20.0000	21.34
	82 1,2-Dichlorobenzene	146	18.064	18.062	(1.045)	494986	20.0000	20.71
	83 n-Butylbenzene	91	18.153	18.141	(1.050)	904144	20.0000	21.52
	84 1,2-Dibromo-3-chloropropane	157	19.680	19.688	(1.138)	117439	20.0000	20.68
	85 1,2,4-Trichlorobenzene	180	21.394	21.383	(1.238)	442104	20.0000	20.74
	86 Hexachlorobutadiene	225	21.818	21.806	(1.262)	353387	20.0000	21.75
	87 Napthalene	128	21.867	21.865	(1.265)	765061	20.0000	20.47
	88 1,2,3-Trichlorobenzene	180	22.390	22.378	(1.295)	407070	20.0000	20.24

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\0906AD.B\DS2466.D
Date : 06-SEP-2000 11:50
Client ID:
Sample Info: 20 PPB 8260B STD,,,2,0,,,8260BDA.M
Column phase: J&W DB-624

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\0906AD.B\DS2464.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 06-SEP-2000 10:25
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1204-2,,5,,2,1-8260B.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\0906AD.B\8260BDA.m
Meth Date : 06-Sep-2000 10:49 beckmang Quant Type: ISTD
Cal Date : 31-AUG-2000 22:29 Cal File: DS2458.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: 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	1.462	1.462	(0.206)	845365	50.0000	135.5
3 Chloromethane (**)	50	1.629	1.629	(0.230)	461882	50.0000	104.6
2 Vinyl chloride (*)	62	1.698	1.698	(0.239)	487101	50.0000	97.05
4 Bromomethane	94	1.984	1.984	(0.280)	316736	50.0000	74.85
5 Chloroethane	64	2.072	2.072	(0.292)	312676	50.0000	92.84
6 Trichlorofluoromethane	101	2.299	2.299	(0.324)	1054385	50.0000	80.28
7 Acrolein	56	2.703	2.703	(0.381)	138712	500.000	772.6(A)
8 1,1-Dichloroethene(*)	96	2.782	2.782	(0.392)	420061	50.0000	68.71
9 1,1,2-Trichlorotrifluoroethan	151	2.811	2.811	(0.396)	613585	50.0000	69.14
10 Acetone	43	2.870	2.870	(0.404)	592395	250.000	315.4
11 Iodomethane	142	2.949	2.949	(0.416)	1596731	100.000	141.6(A)
12 Carbon disulfide	76	3.008	3.008	(0.424)	1149413	50.0000	77.21
13 Methylene chloride	84	3.343	3.343	(0.471)	447188	50.0000	60.71
14 t-Butanol	59	2.575	2.575	(0.363)	330875	1250.00	1675(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	16 Acrylontrile	53	3.668	3.668	(0.517)	853360	500.000	678.6(A)
	15 trans-1,2-Dichloroethene	96	3.678	3.678	(0.518)	492728	50.0000	63.37
	19 Vinyl acetate	43	4.407	4.407	(0.621)	2731394	100.000	127.4(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.708	3.708	(0.522)	1177292	50.0000	59.25
	18 1,1-Dichloroethane (**)	63	4.269	4.269	(0.602)	941245	50.0000	61.74
	20 Isopropyl ether	45	4.437	4.437	(0.625)	1876961	50.0000	62.85
	22 Tert-butyl ethyl ether	59	5.018	5.018	(0.707)	1609238	50.0000	59.35
	21 2,2-Dichloropropane	77	5.166	5.166	(0.728)	908096	50.0000	59.17
	23 cis-1,2-Dichloroethene	96	5.186	5.186	(0.731)	483252	50.0000	55.03
	24 2-Butanone	43	5.265	5.265	(0.742)	1063750	250.000	306.3
	25 Bromochloromethane	128	5.570	5.570	(0.785)	299903	50.0000	53.74
	27 Tetrahydrofuran	42	5.668	5.668	(0.799)	163034	50.0000	74.48
	26 Chloroform (*)	83	5.728	5.728	(0.807)	1104771	50.0000	56.91
M	28 1,2-Dichloroethene (total)	100				975980	100.000	118.4
$	29 Dibromofluoromethane	111	6.003	6.003	(0.846)	905567	50.0000	47.79
	30 1,1,1-Trichloroethane	97	5.974	5.974	(0.842)	1059769	50.0000	57.06
	31 Carbon Tetrachloride	117	6.250	6.250	(0.881)	965969	50.0000	56.59
	32 1,1-Dichloropropene	75	6.260	6.260	(0.882)	906063	50.0000	60.89
$	33 1,2-Dichloroethane-d4	65	6.526	6.526	(0.919)	661838	50.0000	47.62
	34 1,2-Dichloroethane-d4 2nd	102	6.526	6.526	(0.919)	155017	50.0000	52.33(Q)
	35 Benzene	78	6.604	6.604	(0.931)	1444418	50.0000	60.60
	36 1,2-Dichloroethane	62	6.664	6.664	(0.939)	805844	50.0000	54.36
	37 Tert-amyl methyl ether	73	6.900	6.900	(0.972)	1491335	50.0000	57.66
*	38 Fluorobenzene	96	7.097	7.097	(1.000)	1312731	50.0000	
	39 Trichloroethene	130	7.747	7.747	(1.092)	692084	50.0000	56.00
	40 1,2-Dichloropropane(*)	63	8.122	8.122	(1.144)	626870	50.0000	58.34
	41 Dibromomethane	93	8.329	8.329	(1.174)	512204	50.0000	54.87
	42 Bromodichloromethane	83	8.654	8.654	(1.219)	1094858	50.0000	55.10
	44 2-Chloroethylvinyl ether	106	9.284	9.284	(1.308)	183052	100.000	129.6(AQ)
	43 1-Bromo-2-chloroethane	63	9.176	9.176	(1.293)	881243	50.0000	57.20(Q)
	45 cis-1,3-Dichloropropene	75	9.471	9.471	(1.335)	938082	50.0000	56.80
	46 4-Methyl-2-pentanone	43	9.816	9.816	(1.383)	3142073	250.000	315.8
$	47 Toluene-d8	98	9.925	9.925	(0.786)	1488352	50.0000	45.50
	48 Toluene (*)	91	10.043	10.043	(0.796)	1684761	50.0000	48.50
	49 trans-1,3-Dichloropropene	75	10.526	10.526	(0.834)	830157	50.0000	47.99
	50 1,1,2-Trichloroethane	97	10.841	10.841	(0.859)	534106	50.0000	44.71
	51 Tetrachloroethene	164	11.058	11.058	(0.876)	669803	50.0000	47.71
	52 1,3-Dichloropropane	76	11.136	11.136	(0.882)	941268	50.0000	47.90
	53 2-Hexanone	43	11.393	11.393	(0.902)	2242143	250.000	263.8
	54 Dibromochloromethane	129	11.560	11.560	(0.916)	905943	50.0000	44.90
	55 1,2-Dibromoethane	107	11.708	11.708	(0.927)	802150	50.0000	44.88
*	56 Chlorobenzene-d5	117	12.624	12.624	(1.000)	1398955	50.0000	
	57 Chlorobenzene (**)	112	12.673	12.673	(1.004)	1293137	50.0000	46.58
	58 1,1,1,2-Tetrachloroethane	131	12.861	12.861	(1.019)	731156	50.0000	45.90
	59 Ethylbenzene (*)	106	12.939	12.939	(1.025)	629321	50.0000	47.54
	60 m,p-Xylenes	106	13.176	13.176	(1.044)	1604651	100.000	96.13
	61 o-Xylene	106	13.934	13.934	(1.104)	781925	50.0000	47.62

Data File: \\SANP2021\D\CHEM\MD.I\0906AD.B\DS2464.D
Report Date: 06-Sep-2000 10:49

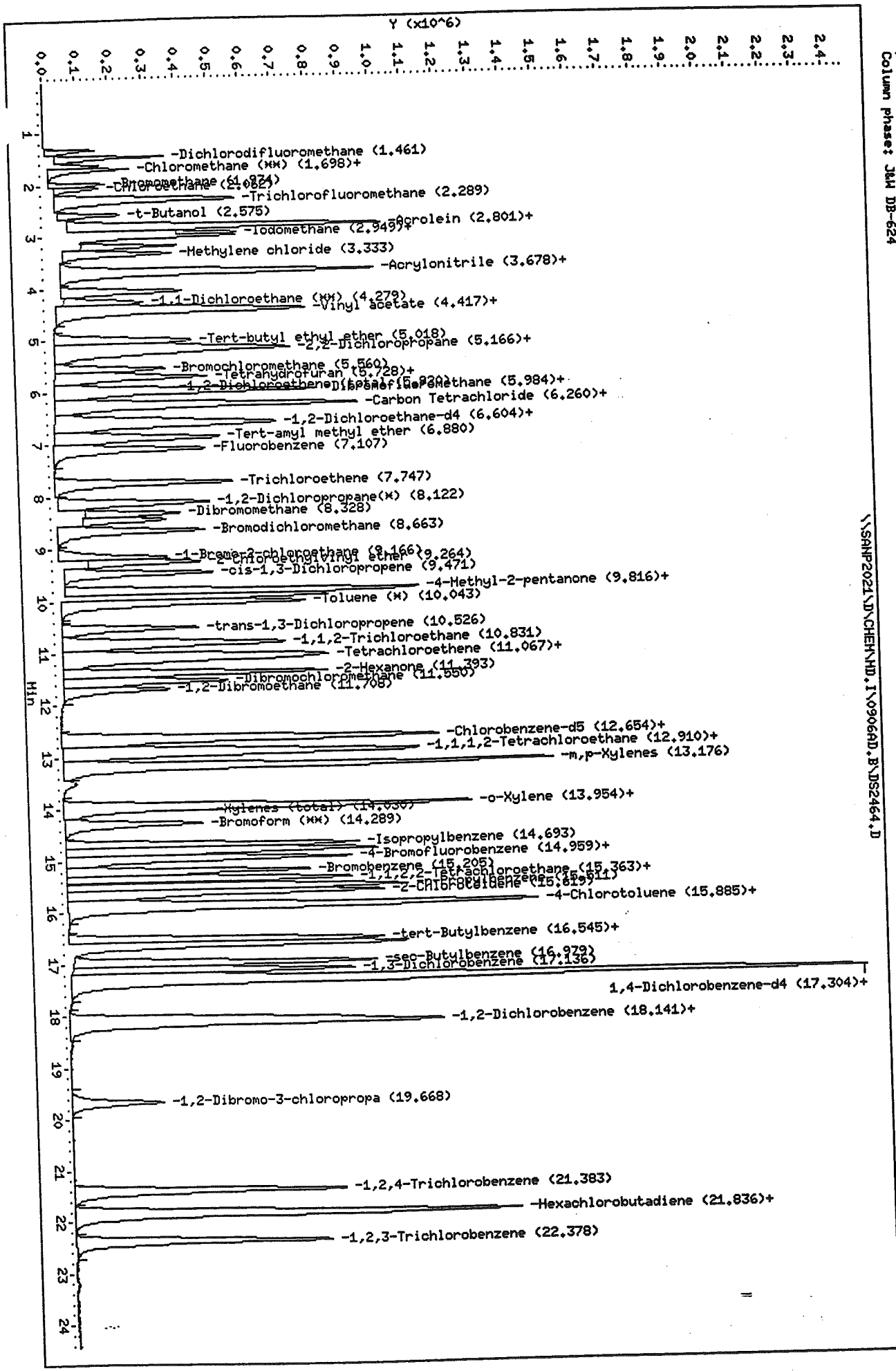
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.974	13.974	(1.107)	1286761	50.0000	47.35
M	63 Xylenes (total)	100				2386577	150.000	143.8
	64 Bromoform (**)	173	14.289	14.289	(1.132)	769743	50.0000	45.04
	65 Isopropylbenzene	105	14.693	14.693	(1.164)	2404529	50.0000	47.47
$	67 4-Bromofluorobenzene	95	14.959	14.959	(0.866)	1213823	50.0000	42.95
	66 4-Bromofluorobenzene-2nd	174	14.959	14.959	(0.866)	838622	50.0000	42.24
	68 Bromobenzene	156	15.196	15.196	(0.880)	736897	50.0000	43.39
	69 1,1,2,2-Tetrachloroethane(**)	83	15.343	15.343	(0.888)	922233	50.0000	45.00
	70 1,2,3-Trichloropropane	110	15.373	15.373	(0.890)	290134	50.0000	45.81
	71 n-Propylbenzene	91	15.521	15.521	(0.898)	2694742	50.0000	46.74
	72 2-Chlorotoluene	126	15.639	15.639	(0.905)	561941	50.0000	43.12
	73 4-Chlorotoluene	126	15.865	15.865	(0.918)	580111	50.0000	42.82
	74 1,3,5-Trimethylbenzene	105	15.915	15.915	(0.921)	1984068	50.0000	44.86
	75 tert-Butylbenzene	119	16.535	16.535	(0.957)	2044786	50.0000	45.03
	76 1,2,4-Trimethylbenzene	105	16.634	16.634	(0.963)	2013180	50.0000	44.13
	77 sec-Butylbenzene	105	16.979	16.979	(0.983)	2796467	50.0000	45.37
	78 1,3-Dichlorobenzene	146	17.136	17.136	(0.992)	1241108	50.0000	43.35
*	79 1,4-Dichlorobenzene-d4	152	17.274	17.274	(1.000)	1008220	50.0000	
	80 1,4-Dichlorobenzene	146	17.324	17.324	(1.003)	1325745	50.0000	42.70
	81 p-Isopropyltoluene	119	17.314	17.314	(1.002)	2221463	50.0000	44.96
	82 1,2-Dichlorobenzene	146	18.062	18.062	(1.046)	1181836	50.0000	42.60
	83 n-Butylbenzene	91	18.141	18.141	(1.050)	2218301	50.0000	45.50
	84 1,2-Dibromo-3-chloropropane	157	19.688	19.688	(1.140)	292745	50.0000	44.41
	85 1,2,4-Trichlorobenzene	180	21.383	21.383	(1.238)	1070401	50.0000	43.27
	86 Hexachlorobutadiene	225	21.806	21.806	(1.262)	790208	50.0000	41.90
	87 Napthalene	128	21.865	21.865	(1.266)	1820807	50.0000	41.98
	88 1,2,3-Trichlorobenzene	180	22.378	22.378	(1.295)	1000810	50.0000	42.87

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\0906AD.B\DS2464.D
Date : 06-SEP-2000 10:25
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\0906AD.B\DS2467.D
Lab Smp Id: 100 PPB 8260B STD
Inj Date : 06-SEP-2000 12:41
Operator : GFB
Inst ID: md.i
Smp Info : 100 PPB 8260B STD,,,4,0,,,8260BDA.M
Misc Info : 1204-2;03-2,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\0906AD.B\8260BDA.m
Meth Date : 06-Sep-2000 13:05 beckmang
Quant Type: ISTD
Cal Date : 31-AUG-2000 22:29
Cal File: DS2458.D
Calibration Sample, Level: 4
Als bottle: 4
Dil Factor: 1.00000
Compound Sublist: 1-8260B.SUB
Integrator: HP RTE
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	1.465	1.462	(0.206)	1540497	100.000	211.2
3 Chloromethane (**)	50	1.642	1.629	(0.231)	749966	100.000	145.4
2 Vinyl chloride (*)	62	1.701	1.698	(0.239)	829451	100.000	141.4
4 Bromomethane	94	1.977	1.984	(0.278)	536350	100.000	108.4
5 Chloroethane	64	2.066	2.072	(0.291)	481995	100.000	122.4
6 Trichlorofluoromethane	101	2.302	2.299	(0.324)	1973464	100.000	128.6
7 Acrolein	56	2.716	2.703	(0.382)	255111	1000.00	1216(A)
8 1,1-Dichloroethene(*)	96	2.805	2.782	(0.394)	763793	100.000	106.9
9 1,1,2-Trichlorotrifluoroethan	151	2.805	2.811	(0.394)	1234079	100.000	119.0
10 Acetone	43	2.893	2.870	(0.407)	1094200	500.000	498.4
11 Iodomethane	142	2.952	2.949	(0.415)	3069503	200.000	232.9(A)
12 Carbon disulfide	76	3.011	3.008	(0.424)	2118682	100.000	121.8
13 Methylene chloride	84	3.346	3.343	(0.471)	829405	100.000	96.34
14 t-Butanol	59	2.588	2.575	(0.364)	581287	2500.00	2518

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	16 Acrylontrile	53	3.672	3.668	(0.516)	1524988	1000.00	1038(A)
	15 trans-1,2-Dichloroethene	96	3.681	3.678	(0.518)	934300	100.000	102.8
	19 Vinyl acetate	43	4.420	4.407	(0.622)	5044466	200.000	201.3(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.721	3.708	(0.523)	2271037	100.000	97.78
	18 1,1-Dichloroethane (**)	63	4.282	4.269	(0.602)	1734139	100.000	97.32
	20 Isopropyl ether	45	4.460	4.437	(0.627)	3393781	100.000	97.23
	22 Tert-butyl ethyl ether	59	5.021	5.018	(0.706)	2966576	100.000	93.61
	21 2,2-Dichloropropane	77	5.169	5.166	(0.727)	1730907	100.000	96.50
	23 cis-1,2-Dichloroethene	96	5.179	5.186	(0.728)	963526	100.000	93.88
	24 2-Butanone	43	5.287	5.265	(0.744)	1962315	500.000	483.4
	25 Bromochloromethane	128	5.573	5.570	(0.784)	615372	100.000	94.35
	27 Tetrahydrofuran	42	5.701	5.668	(0.802)	267719	100.000	104.6
	26 Chloroform (*)	83	5.750	5.728	(0.809)	2015146	100.000	88.82
M	28 1,2-Dichloroethene (total)	100				1897826	200.000	196.7
$	29 Dibromofluoromethane	111	6.007	6.003	(0.845)	1893298	100.000	85.49
	30 1,1,1-Trichloroethane	97	5.987	5.974	(0.842)	2089696	100.000	96.27
	31 Carbon Tetrachloride	117	6.263	6.250	(0.881)	1951325	100.000	97.80
	32 1,1-Dichloropropene	75	6.273	6.260	(0.882)	1656375	100.000	95.24
$	33 1,2-Dichloroethane-d4	65	6.548	6.526	(0.921)	1338440	100.000	82.40
	34 1,2-Dichloroethane-d4 2nd	102	6.548	6.526	(0.921)	299129	100.000	86.39(Q)
	35 Benzene	78	6.607	6.604	(0.929)	2613134	100.000	93.79
	36 1,2-Dichloroethane	62	6.676	6.664	(0.939)	1581671	100.000	91.28
	37 Tert-amyl methyl ether	73	6.913	6.900	(0.972)	2837746	100.000	93.86
*	38 Fluorobenzene	96	7.110	7.097	(1.000)	1534312	50.0000	
	39 Trichloroethene	130	7.770	7.747	(1.093)	1326491	100.000	91.84
	40 1,2-Dichloropropane(*)	63	8.145	8.122	(1.145)	1149155	100.000	91.50
	41 Dibromomethane	93	8.361	8.329	(1.176)	997053	100.000	91.38
	42 Bromodichloromethane	83	8.667	8.654	(1.219)	2162411	100.000	93.10
	44 2-Chloroethylvinyl ether	106	9.297	9.284	(1.308)	339023	200.000	205.4(A)
	43 1-Bromo-2-chloroethane	63	9.179	9.176	(1.291)	3011221	100.000	167.2(Q)
	45 cis-1,3-Dichloropropene	75	9.494	9.471	(1.335)	1760316	100.000	91.20
	46 4-Methyl-2-pentanone	43	9.829	9.816	(1.382)	5778453	500.000	496.8
$	47 Toluene-d8	98	9.947	9.925	(0.787)	2837001	100.000	94.31
	48 Toluene (*)	91	10.066	10.043	(0.796)	3129556	100.000	97.99
	49 trans-1,3-Dichloropropene	75	10.548	10.526	(0.834)	1606536	100.000	101.0
	50 1,1,2-Trichloroethane	97	10.864	10.841	(0.859)	1073255	100.000	97.70
	51 Tetrachloroethene	164	11.071	11.058	(0.875)	1278777	100.000	99.07
	52 1,3-Dichloropropane	76	11.159	11.136	(0.882)	1772975	100.000	98.12
	53 2-Hexanone	43	11.406	11.393	(0.902)	4268462	500.000	546.3
	54 Dibromochloromethane	129	11.573	11.560	(0.915)	1817463	100.000	97.96
	55 1,2-Dibromoethane	107	11.731	11.708	(0.928)	1630218	100.000	99.18
*	56 Chlorobenzene-d5	117	12.647	12.624	(1.000)	1286362	50.0000	
	57 Chlorobenzene (**)	112	12.696	12.673	(1.004)	2472323	100.000	96.84
	58 1,1,1,2-Tetrachloroethane	131	12.883	12.861	(1.019)	1444916	100.000	98.65
	59 Ethylbenzene (*)	106	12.952	12.939	(1.024)	1201680	100.000	98.72
	60 m,p-Xylenes	106	13.189	13.176	(1.043)	2966794	200.000	193.3
	61 o-Xylene	106	13.947	13.934	(1.103)	1481774	100.000	98.15

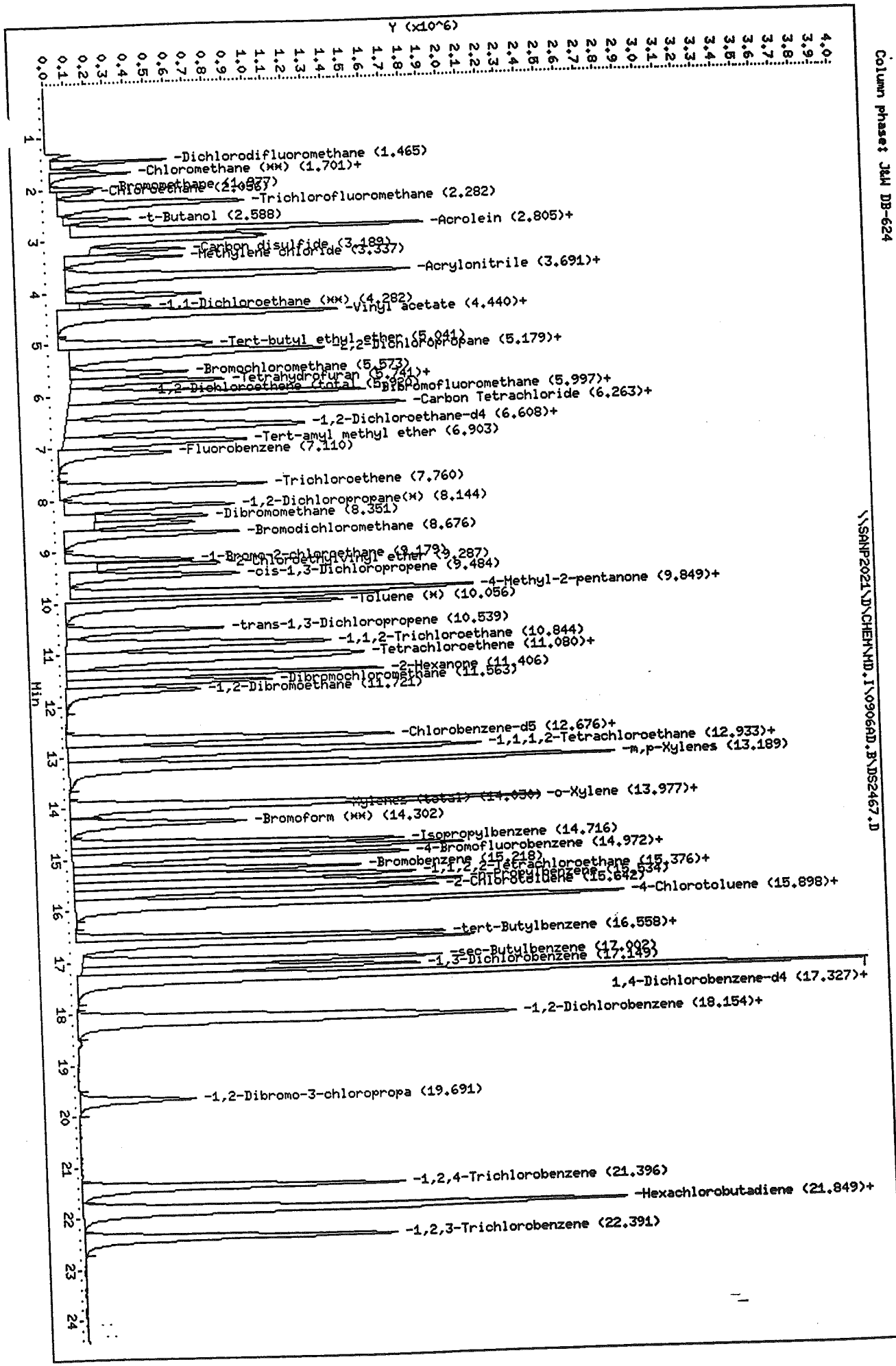
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
62 Styrene	104	13.987	13.974	(1.106)	2451137	100.000	98.09
M 63 Xylenes (total)	100				4448569	300.000	291.4
64 Bromoform (**)	173	14.302	14.289	(1.131)	1564367	100.000	99.56
65 Isopropylbenzene	105	14.706	14.693	(1.163)	4548414	100.000	97.65
$ 67 4-Bromofluorobenzene	95	14.982	14.959	(0.866)	2333665	100.000	94.43
66 4-Bromofluorobenzene-2nd	174	14.982	14.959	(0.866)	1632514	100.000	94.03
68 Bromobenzene	156	15.228	15.196	(0.880)	1451828	100.000	97.76
69 1,1,2,2-Tetrachloroethane(**)	83	15.366	15.343	(0.888)	1811982	100.000	101.1
70 1,2,3-Trichloropropane	110	15.386	15.373	(0.889)	572756	100.000	103.4
71 n-Propylbenzene	91	15.543	15.521	(0.898)	4958344	100.000	98.33
72 2-Chlorotoluene	126	15.642	15.639	(0.904)	1085367	100.000	95.23
73 4-Chlorotoluene	126	15.878	15.865	(0.917)	1162954	100.000	98.15
74 1,3,5-Trimethylbenzene	105	15.928	15.915	(0.920)	3748687	100.000	96.92
75 tert-Butylbenzene	119	16.548	16.535	(0.956)	3935070	100.000	99.09
76 1,2,4-Trimethylbenzene	105	16.657	16.634	(0.962)	3804517	100.000	95.37
77 sec-Butylbenzene	105	17.002	16.979	(0.982)	5338179	100.000	99.04
78 1,3-Dichlorobenzene	146	17.149	17.136	(0.991)	2390488	100.000	95.49
* 79 1,4-Dichlorobenzene-d4	152	17.307	17.274	(1.000)	881709	50.0000	
80 1,4-Dichlorobenzene	146	17.346	17.324	(1.002)	2636611	100.000	97.10
81 p-Isopropyltoluene	119	17.327	17.314	(1.001)	4288043	100.000	99.23
82 1,2-Dichlorobenzene	146	18.076	18.062	(1.044)	2300218	100.000	94.81
83 n-Butylbenzene	91	18.154	18.141	(1.049)	4232470	100.000	99.27
84 1,2-Dibromo-3-chloropropane	157	19.691	19.688	(1.138)	626036	100.000	108.6
85 1,2,4-Trichlorobenzene	180	21.396	21.383	(1.236)	2042721	100.000	94.42
86 Hexachlorobutadiene	225	21.819	21.806	(1.261)	1618728	100.000	98.15
87 Napthalene	128	21.869	21.865	(1.264)	3601309	100.000	94.94
88 1,2,3-Trichlorobenzene	180	22.391	22.378	(1.294)	1976472	100.000	96.82

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\0906AD.B\DS2467.D
Date : 06-SEP-2000 12:41
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\0906AD.B\DS2468.D
Lab Smp Id: 400 PPB 8260B STD
Inj Date : 06-SEP-2000 13:13
Operator : GFB
Smp Info : 400 PPB 8260B STD,,,5,0,,,8260BDA.M
Misc Info : 1204-2;03-2,,5,,1,1-8260B.SUB
Comment :
Method : \\SANP2021\D\chem\md.i\0906AD.B\8260BDA.m
Meth Date : 07-Sep-2000 12:57 beckmang
Cal Date : 06-SEP-2000 13:13
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 4.00
Processing Host: SANP2021

Inst ID: md.i
Quant Type: ISTD
Cal File: DS2468.D
Calibration Sample, Level: 5
Compound Sublist: 1-8260B.SUB

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	1.465	1.465	(0.206)	5670235	400.000	329.6
3 Chloromethane (**)	50	1.642	1.642	(0.231)	2622601	400.000	305.4
2 Vinyl chloride (*)	62	1.701	1.701	(0.239)	2948399	400.000	318.0
4 Bromomethane	94	1.977	1.977	(0.278)	1627942	400.000	253.0
5 Chloroethane	64	2.056	2.056	(0.289)	962392	400.000	180.7
6 Trichlorofluoromethane	101	2.293	2.293	(0.322)	4145580	400.000	206.3
7 Acrolein	56	2.736	2.736	(0.384)	844292	4000.00	3306(A)
8 1,1-Dichloroethene(*)	96	2.775	2.775	(0.390)	2638108	400.000	316.3
9 1,1,2-Trichlorotrifluoroethan	151	2.775	2.775	(0.390)	4181569	400.000	323.7
10 Acetone	43	2.933	2.933	(0.412)	3178720	2000.00	1313
11 Iodomethane	142	2.933	2.933	(0.412)	10364885	800.000	648.9(A)
12 Carbon disulfide	76	2.992	2.992	(0.420)	7071201	400.000	313.0
13 Methylene chloride	84	3.347	3.347	(0.470)	3082189	400.000	347.7
14 t-Butanol	59	2.608	2.608	(0.366)	2239912	10000.0	8893

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	16 Acrylontrile	53	3.701	3.701	(0.520)	4869385	4000.00	3092(A)
	15 trans-1,2-Dichloroethene	96	3.672	3.672	(0.516)	3226416	400.000	328.5
	19 Vinyl acetate	43	4.431	4.431	(0.622)	16741931	800.000	618.8(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.751	3.751	(0.527)	7778853	400.000	326.0
	18 1,1-Dichloroethane (**)	63	4.283	4.283	(0.601)	6219528	400.000	335.8
	20 Isopropyl ether	45	4.470	4.470	(0.628)	11370489	400.000	311.8
	22 Tert-butyl ethyl ether	59	5.051	5.051	(0.709)	10493066	400.000	329.6
	21 2,2-Dichloropropane	77	5.160	5.160	(0.725)	6102710	400.000	330.0
	23 cis-1,2-Dichloroethene	96	5.189	5.189	(0.729)	3476896	400.000	344.5
	24 2-Butanone	43	5.307	5.307	(0.745)	6414789	2000.00	1452
	25 Bromochloromethane	128	5.583	5.583	(0.784)	2201947	400.000	353.5
	27 Tetrahydrofuran	42	5.721	5.721	(0.803)	818018	400.000	275.4
	26 Chloroform (*)	83	5.751	5.751	(0.808)	6982425	400.000	318.1
M	28 1,2-Dichloroethene (total)	100				6703313	800.000	673.0
$	29 Dibromofluoromethane	111	6.007	6.007	(0.844)	6715116	400.000	324.5
	30 1,1,1-Trichloroethane	97	5.977	5.977	(0.839)	7371126	400.000	336.3
	31 Carbon Tetrachloride	117	6.253	6.253	(0.878)	6927308	400.000	340.1
	32 1,1-Dichloropropene	75	6.273	6.273	(0.881)	5734016	400.000	316.7
$	33 1,2-Dichloroethane-d4	65	6.549	6.549	(0.920)	4956183	400.000	325.3
	34 1,2-Dichloroethane-d4 2nd	102	6.559	6.559	(0.921)	1052830	400.000	323.3
	35 Benzene	78	6.618	6.618	(0.929)	9118374	400.000	322.4
	36 1,2-Dichloroethane	62	6.677	6.677	(0.938)	5531907	400.000	330.4
	37 Tert-amyl methyl ether	73	6.923	6.923	(0.972)	9945355	400.000	333.1
*	38 Fluorobenzene	96	7.120	7.120	(1.000)	1527344	50.0000	
	39 Trichloroethene	130	7.751	7.751	(1.089)	4881373	400.000	344.4
	40 1,2-Dichloropropane(*)	63	8.145	8.145	(1.144)	4103373	400.000	334.8
	41 Dibromomethane	93	8.352	8.352	(1.173)	3494825	400.000	339.5
	42 Bromodichloromethane	83	8.677	8.677	(1.219)	7755128	400.000	350.5
	44 2-Chloroethylvinyl ether	106	9.297	9.297	(1.306)	1289974	800.000	788.2(A)
	43 1-Bromo-2-chloroethane	63	9.199	9.199	(1.292)	10642343	400.000	422.1(A)
	45 cis-1,3-Dichloropropene	75	9.485	9.485	(1.332)	6466587	400.000	349.7
	46 4-Methyl-2-pentanone	43	9.869	9.869	(1.386)	17604183	2000.00	1447
$	47 Toluene-d8	98	9.958	9.958	(0.787)	9932409	400.000	350.3
	48 Toluene (*)	91	10.076	10.076	(0.797)	11214458	400.000	373.3
	49 trans-1,3-Dichloropropene	75	10.549	10.549	(0.834)	5851254	400.000	397.3
	50 1,1,2-Trichloroethane	97	10.874	10.874	(0.860)	3831004	400.000	388.0
	51 Tetrachloroethene	164	11.071	11.071	(0.875)	4589959	400.000	376.6
	52 1,3-Dichloropropane	76	11.160	11.160	(0.882)	6113239	400.000	366.9
	53 2-Hexanone	43	11.426	11.426	(0.903)	13309269	2000.00	1701
	54 Dibromochloromethane	129	11.583	11.583	(0.916)	6708865	400.000	402.2(A)
	55 1,2-Dibromoethane	107	11.731	11.731	(0.928)	5806515	400.000	390.3
*	56 Chlorobenzene-d5	117	12.647	12.647	(1.000)	1279457	50.0000	
	57 Chlorobenzene (**)	112	12.697	12.697	(1.004)	8863942	400.000	376.1
	58 1,1,1,2-Tetrachloroethane	131	12.884	12.884	(1.019)	5142796	400.000	387.5
	59 Ethylbenzene (*)	106	12.953	12.953	(1.024)	4253634	400.000	374.0
	60 m,p-Xylenes	106	13.199	13.199	(1.044)	10336254	800.000	724.4
	61 o-Xylene	106	13.958	13.958	(1.104)	5181374	400.000	369.6

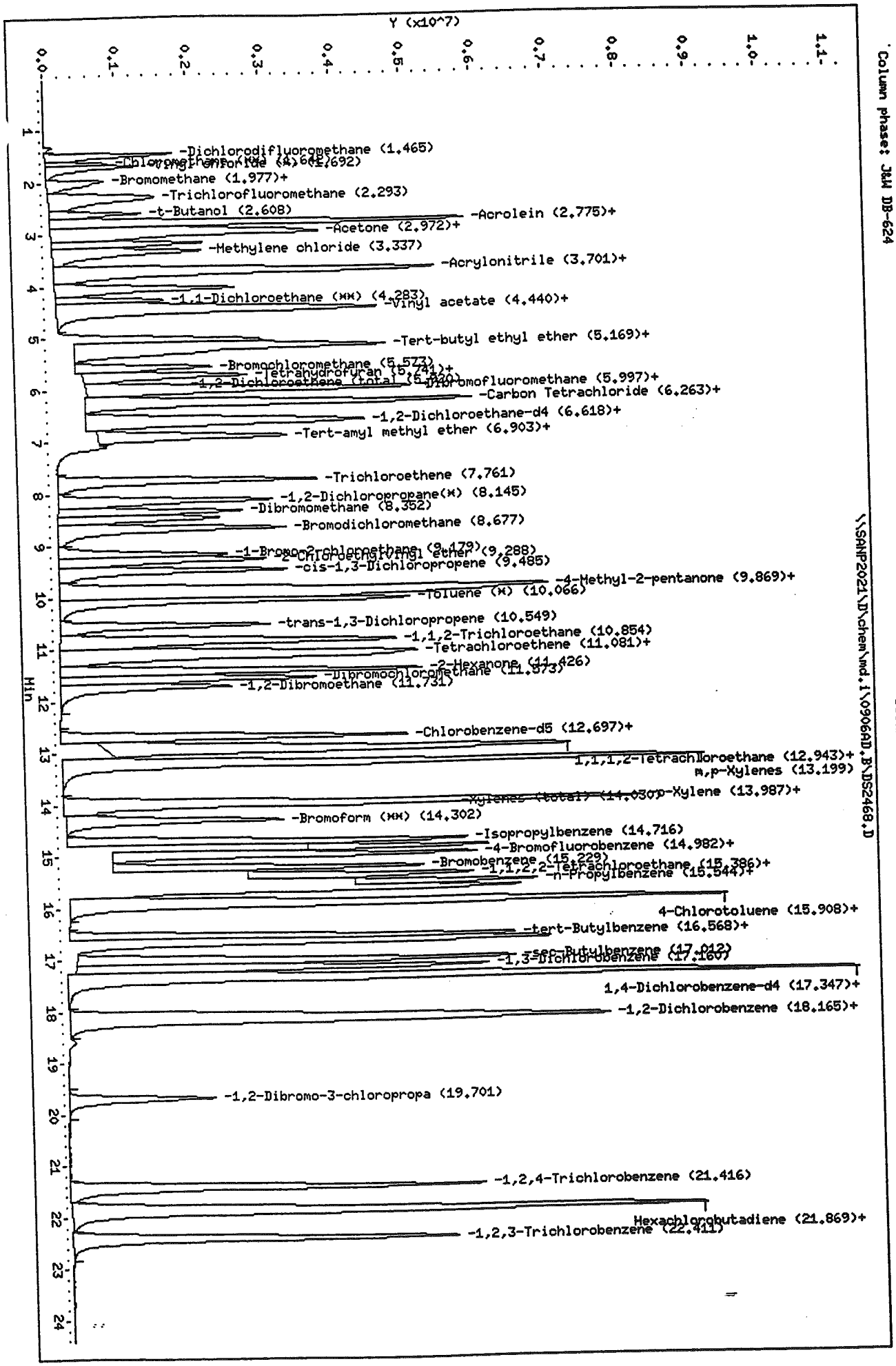
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.997	13.997	(1.107)	8701609	400.000	380.5
M	63 Xylenes (total)	100				15517629	1200.00	1094
	64 Bromoform (**)	173	14.302	14.302	(1.131)	5686836	400.000	407.5(A)
	65 Isopropylbenzene	105	14.716	14.716	(1.164)	15808438	400.000	366.8
$	67 4-Bromofluorobenzene	95	14.982	14.982	(0.866)	7851766	400.000	351.9
	66 4-Bromofluorobenzene-2nd	174	14.992	14.992	(0.867)	5581198	400.000	361.8
	68 Bromobenzene	156	15.238	15.238	(0.881)	5154879	400.000	408.2(A)
	69 1,1,2,2-Tetrachloroethane(**)	83	15.376	15.376	(0.889)	6052824	400.000	390.8
	70 1,2,3-Trichloropropane	110	15.396	15.396	(0.890)	1917104	400.000	391.7
	71 n-Propylbenzene	91	15.554	15.554	(0.899)	16382072	400.000	380.5
	72 2-Chlorotoluene	126	15.662	15.662	(0.905)	3921208	400.000	400.9(A)
	73 4-Chlorotoluene	126	15.879	15.879	(0.918)	4080601	400.000	403.1(A)
	74 1,3,5-Trimethylbenzene	105	15.938	15.938	(0.921)	12738457	400.000	378.4
	75 tert-Butylbenzene	119	16.559	16.559	(0.957)	13578947	400.000	391.5
	76 1,2,4-Trimethylbenzene	105	16.667	16.667	(0.964)	13098040	400.000	386.3
	77 sec-Butylbenzene	105	17.012	17.012	(0.983)	18584103	400.000	391.8
	78 1,3-Dichlorobenzene	146	17.160	17.160	(0.992)	8476582	400.000	393.6
*	79 1,4-Dichlorobenzene-d4	152	17.298	17.298	(1.000)	808674	50.0000	
	80 1,4-Dichlorobenzene	146	17.357	17.357	(1.003)	8429723	400.000	364.5
	81 p-Isopropyltoluene	119	17.337	17.337	(1.002)	13930732	400.000	370.0
	82 1,2-Dichlorobenzene	146	18.086	18.086	(1.046)	8119830	400.000	394.3
	83 n-Butylbenzene	91	18.174	18.174	(1.051)	14805349	400.000	393.1
	84 1,2-Dibromo-3-chloropropane	157	19.701	19.701	(1.139)	2335514	400.000	455.6(A)
	85 1,2,4-Trichlorobenzene	180	21.426	21.426	(1.239)	7424321	400.000	398.4
	86 Hexachlorobutadiene	225	21.839	21.839	(1.263)	5654761	400.000	396.5
	87 Napthalene	128	21.889	21.889	(1.265)	11775064	400.000	372.4
	88 1,2,3-Trichlorobenzene	180	22.411	22.411	(1.296)	6892972	400.000	394.2

QC Flag Legend

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

Data File: \\SANP2021\D\chem\md.i\090608D.B\DS2468.D
Date : 06-SEP-2000 13:13
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: 092700

INSTRUMENT ID: MSC

SAMPLES: EOI260285-39
40
41

Batch ID: 272515

GC/MS VC Run Log

☐ 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: 8260BU - 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	AD	CT 1181	50 ng BFB			1µl			✓			
17:29		CS2009	.5 ppb 826013	1	L	25ml	1.0	226	✓			MSVOA1198-1
17:59		CS2010	1 ppb 826013	2				243	✓			S1233-1; S1233-2; SD01234-1
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	✓			MSVOA1235-2
21:27		60	MB092713C	7				234	✓			
22:06		61	DL3HP101	7				227	✓		2	EOI260285-41
22:36		62	DKTG5101	8				120	N	✓		Rerun EOI210307-18
23:05		63	DKXA101	9				184	✓			EOI220345-7
23:35		64	DL1KH101	10				196	✓			EOI250215-9
0:05		65	DL1KL101	11				190	✓			-12
0:34		66	DKTG5101	12				156	✓			* EOI210307-18
1:04		67	DL3KL101	13				214	✓			EOI260291-5
1:34		68	DL3KK101	14				219	✓			-15
2:04		69	DL3HL101	15				221	✓		7	EOI260285-39
2:34		70	DL3HM101	16				195	✓		7	-40
3:03		71	DL1KH1025	1				210	✓		7	EOI250215-9MS
3:33		72	DL1KH1031	2				218	✓			9MSD
4:03		73	DKXV2103	3		25µl	1000	197	✓			EOI230176-3
4:33		C09274	DKWQV101	4		1:20 DIL - 1µl	1000	204	✓			EOI220329-3

* Antifoam was added

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

Version 01/04/99

000510

BOE-C6-0156051

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA96339

Lab File ID (Standard): CS2012 Date Analyzed: 09/27/00

Instrument ID: MC Time Analyzed: 1858

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	2369424	8.01	1684151	13.49	999314	18.11
	UPPER LIMIT	4738848	8.51	3368302	13.99	1998628	18.61
	LOWER LIMIT	1184712	7.51	842076	12.99	499657	17.61
	EPA SAMPLE NO.						
01	C09259	2455117	8.01	1691967	13.48	1010303	18.11
02	C09260	2344437	8.02	1674111	13.49	921563	18.12
03	C09261	2275842	8.02	1586100	13.49	859163	18.12
04	C09262	1201477	8.11	129043*	12.88		
05	C09263	1849098	8.02	1353483	13.49	790150	18.12
06	C09264	1966478	8.02	1455347	13.48	830021	18.12
07	C09265	1904062	8.02	1393748	13.49	791822	18.12
08	C09266	1563615	8.01	1155582	13.49	661035	18.12
09	C09267	2141309	8.02	1508518	13.49	840012	18.12
10	C09268	2194177	8.02	1614128	13.49	911614	18.13
11	C09269	2217522	8.02	1637502	13.49	932862	18.12
12	C09270	1932602	8.02	1429414	13.49	824107	18.12
13	C09271	2102981	8.01	1524427	13.49	955461	18.11
14	C09272	2189643	8.01	1570645	13.49	954835	18.12
15	C09273	1979255	8.01	1479399	13.48	854920	18.12
16	C09274	2040724	8.03	1500423	13.49	857052	18.12
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 : \\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 9/27/00

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

Date : 27-SEP-2000 17:14

Client ID:

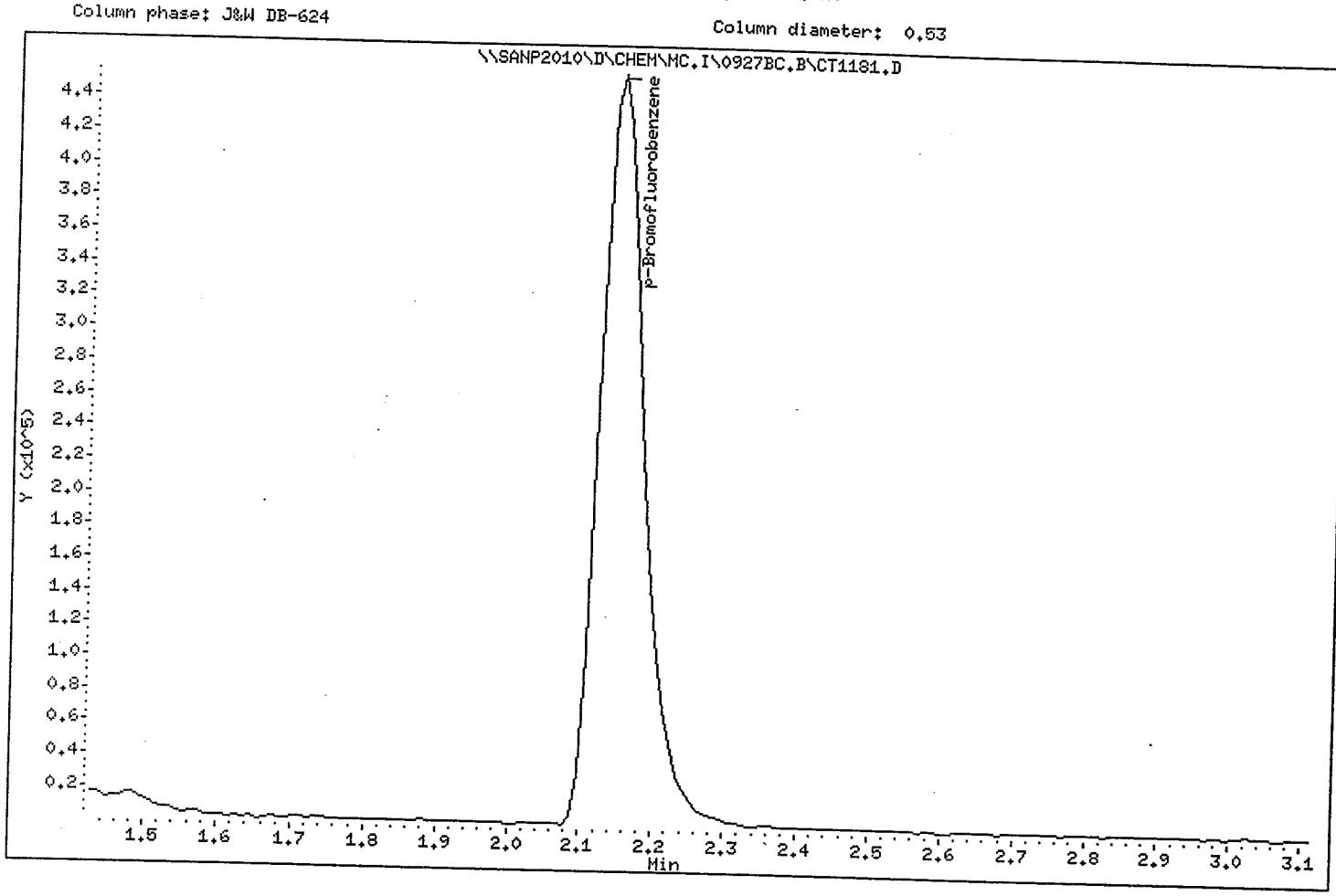
Instrument: mc.i

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

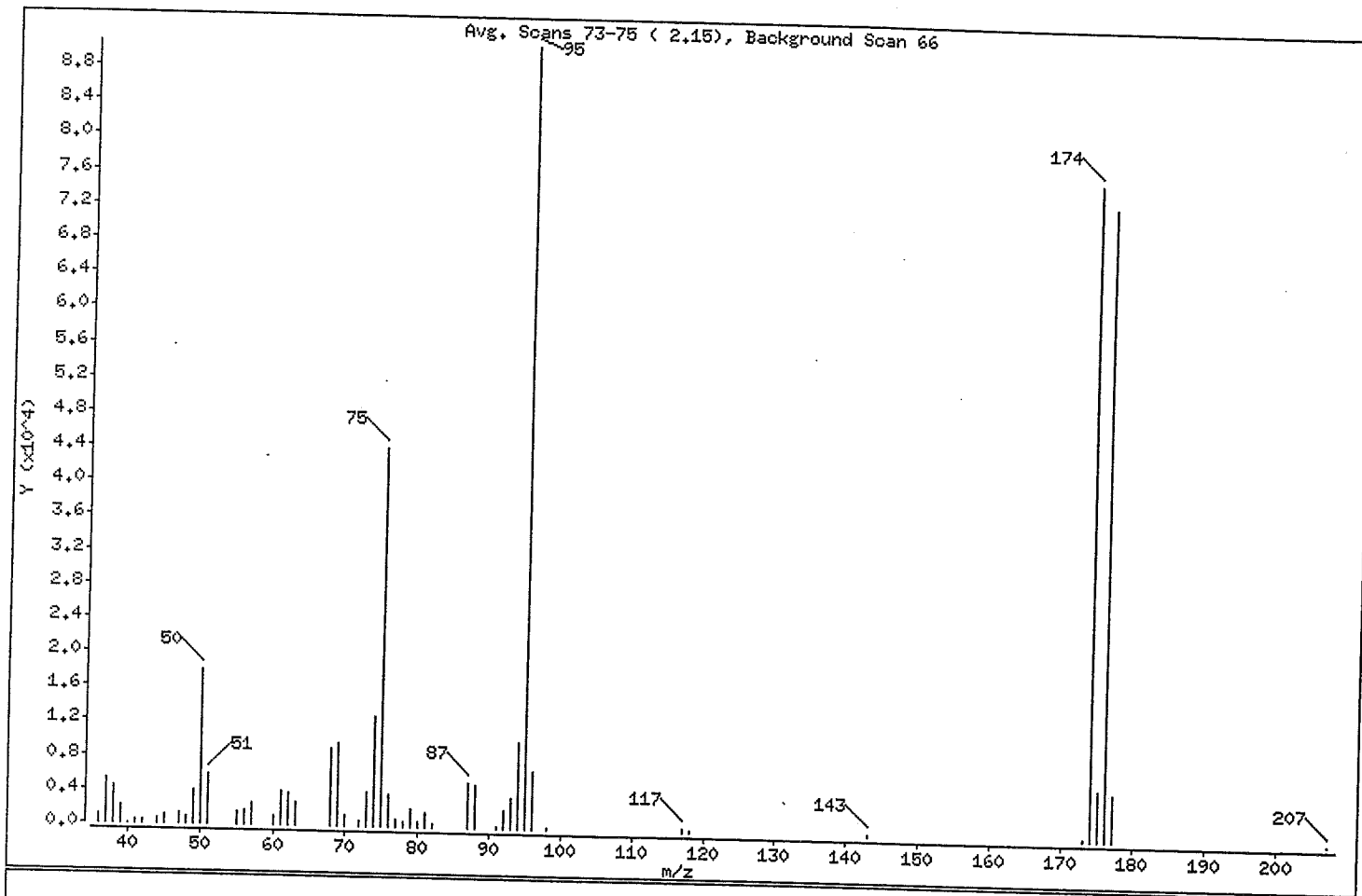
Sample Info: 50NG BFB,BFB,,,,,,BFB.M

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

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 27-SEP-2000 18:58
Lab File ID: CS2012.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\0927BC.B\8260BCL.M

m 9/27/00

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.36231	0.35622	0.010	-1.7	50.0	
	2 Chloromethane (**)	0.20387	0.18625	0.100	-8.6	50.0	
	3 Vinyl chloride (*)	0.23608	0.23025	0.010	-2.5	20.0	
	4 Bromomethane	0.18303	0.19726	0.010	7.8	50.0	
	5 Chloroethane	0.14594	0.14640	0.010	0.3	50.0	
	6 Trichlorofluoromethane	0.53727	0.53509	0.010	-0.4	50.0	
	7 Acrolein	0.01917	0.01901	0.010	-0.8	50.0	
	8 1,1-Dichloroethene(*)	0.27204	0.27186	0.010	-0.1	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.41107	0.41767	0.010	1.6	50.0	
	10 Iodomethane	0.42711	0.47020	0.010	10.1	50.0	
	11 Acetone	0.01732	0.01784	0.010	3.0	50.0	
	12 Carbon disulfide	0.85039	0.84330	0.010	-0.8	50.0	
	13 Methylene chloride	0.22043	0.21823	0.010	-1.0	50.0	
	14 Acrylonitrile	0.00289	0.00320	0.010	10.8	50.0	<-
	15 t-Butanol	0.00384	0.00254	0.010	-33.8	20.0	<-
	16 Vinyl acetate	0.27887	0.27078	0.010	-2.9	50.0	
	17 trans-1,2-Dichloroethene	0.30605	0.30185	0.010	-1.4	20.0	
	18 Methyl-tert-butyl ether[MTB	0.24132	0.23897	0.010	-1.0	50.0	
	19 1,1-Dichloroethane (**)	0.45396	0.44857	0.100	-1.2	20.0	
	20 Isopropyl ether	0.67543	0.65690	0.010	-2.7	20.0	
	21 Tert-butyl ethyl ether	0.47486	0.46864	0.010	-1.3	20.0	
M	22 1,2-Dichloroethene (total)	0.29621	0.29026	0.010	-2.0	20.0	
	23 2,2-Dichloropropane	0.16864	0.12518	0.010	-25.8	50.0	
	24 cis-1,2-Dichloroethene	0.28637	0.27867	0.010	-2.7	20.0	
	25 2-Butanone	0.02045	0.02006	0.010	-1.9	50.0	
	26 Bromochloromethane	0.12588	0.12900	0.010	2.5	50.0	
	27 Tetrahydrofuran	0.01161	0.01393	0.010	19.9	50.0	
	28 Chloroform (*)	0.55287	0.56131	0.010	1.5	20.0	
$	29 Dibromofluoromethane	0.47843	0.50894	0.010	6.4	50.0	
	30 1,1,1-Trichloroethane	0.49282	0.50582	0.010	2.6	20.0	
	31 Carbon Tetrachloride	0.45196	0.46671	0.010	3.3	20.0	
	32 1,1-Dichloropropene	0.46455	0.46866	0.010	0.9	50.0	
$	33 1,2-Dichloroethane-d4	0.18806	0.19583	0.010	4.1	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.04628	0.04872	0.010	5.3	50.0	
	35 Benzene	0.76076	0.76422	0.010	0.5	20.0	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 27-SEP-2000 18:58
Lab File ID: CS2012.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\0927BC.B\8260BCL.M

	COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.21170	0.21154	0.010	-0.1	20.0	
	37 Tert-amyl methyl ether	0.35364	0.35190	0.010	-0.5	20.0	
	39 Trichloroethene	0.42668	0.42626	0.010	-0.1	20.0	
	40 1,2-Dichloropropane(*)	0.26780	0.26445	0.010	-1.3	20.0	
	41 Dibromomethane	0.15528	0.16247	0.010	4.6	50.0	
	42 Bromodichloromethane	0.40901	0.41580	0.010	1.7	20.0	
	43 2-Chloroethylvinyl ether	0.00468	0.00431	0.010	-8.0	50.0	<-
	44 1-Bromo-2-chloroethane	0.29568	0.29006	0.010	-1.9	50.0	
	45 cis-1,3-Dichloropropene	0.27749	0.28193	0.010	1.6	50.0	
	46 4-Methyl-2-pentanone	0.06707	0.06739	0.010	0.5	50.0	
$	47 Toluene-d8	1.14844	1.19859	0.010	4.4	50.0	
	48 Toluene (*)	1.30446	1.30671	0.010	0.2	20.0	
	49 trans-1,3-Dichloropropene	0.21951	0.22479	0.010	2.4	50.0	
	50 1,1,2-Trichloroethane	0.21415	0.22044	0.010	2.9	50.0	
	51 Tetrachloroethene	0.61163	0.61776	0.010	1.0	20.0	
	52 1,3-Dichloropropane	0.34326	0.34386	0.010	0.2	50.0	
	53 2-Hexanone	0.05969	0.06081	0.010	1.9	50.0	
	54 Dibromochloromethane	0.39603	0.39844	0.010	0.6	50.0	
	55 1,2-Dibromoethane	0.28073	0.28657	0.010	2.1	50.0	
	57 Chlorobenzene (**)	0.97241	0.97094	0.300	-0.2	50.0	
	58 1,1,1,2-Tetrachloroethane	0.42802	0.43714	0.010	2.1	50.0	
	59 Ethylbenzene (*)	0.47122	0.48390	0.010	2.7	20.0	
	60 m,p-Xylenes	0.58435	0.60096	0.010	2.8	20.0	
M	61 Xylenes (total)	0.56930	0.58533	0.010	2.8	20.0	
	62 o-Xylene	0.53922	0.55408	0.010	2.8	20.0	
	63 Styrene	0.78423	0.82158	0.010	4.8	50.0	
	64 Bromoform (**)	0.21919	0.22911	0.100	4.5	50.0	
	65 Isopropylbenzene	1.77176	1.81054	0.010	2.2	50.0	
$	66 4-Bromofluorobenzene	0.65960	0.68920	0.010	4.5	50.0	
	67 4-Bromofluorobenzene-2nd	0.55850	0.58801	0.010	5.3	50.0	
	68 Bromobenzene	0.86374	0.83182	0.010	-3.7	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.46342	0.45311	0.300	-2.2	50.0	
	70 1,2,3-Trichloropropane	0.10416	0.10471	0.010	0.5	50.0	
	71 n-Propylbenzene	3.64677	3.43998	0.010	-5.7	50.0	
	72 2-Chlorotoluene	0.74931	0.71486	0.010	-4.6	50.0	
	73 4-Chlorotoluene	0.73581	0.71150	0.010	-3.3	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: mc.i Injection Date: 27-SEP-2000 18:58
Lab File ID: CS2012.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\0927BC.B\8260BCL.M

COMPOUND	RRF	RF10	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.43647	2.40700	0.010	-1.2	50.0
75 tert-Butylbenzene	2.69886	2.60525	0.010	-3.5	50.0
76 1,2,4-Trimethylbenzene	2.38611	2.33102	0.010	-2.3	50.0
77 sec-Butylbenzene	3.76659	3.64935	0.010	-3.1	50.0
78 1,3-Dichlorobenzene	1.53929	1.48468	0.010	-3.5	50.0
80 p-Isopropyltoluene	2.92008	2.88788	0.010	-1.1	50.0
81 1,4-Dichlorobenzene	1.55231	1.51459	0.010	-2.4	50.0
82 1,2-Dichlorobenzene	1.25473	1.22315	0.010	-2.5	50.0
83 n-Butylbenzene	3.03104	2.98369	0.010	-1.6	50.0
84 1,2-Dibromo-3-chloropropane	0.08929	0.08588	0.010	-3.8	50.0
85 1,2,4-Trichlorobenzene	1.15380	1.09914	0.010	-4.7	50.0
86 Hexachlorobutadiene	1.36023	1.34102	0.010	-1.4	50.0
87 Napthalene	0.79178	0.80984	0.010	2.3	20.0
88 1,2,3-Trichlorobenzene	0.86787	0.83820	0.010	-3.4	50.0

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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,,,2,1-8260B.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

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D\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,,,2,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.M
Meth Date : 27-Sep-2000 21:57 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 4 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)	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	110.8(Q)
15 t-Butanol	59	4.394	4.394	(0.548)	24072	40.0000	26.47(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	5.330	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	49.05
	26 Bromochloromethane	128	6.463	6.463	(0.807)	305663	10.0000	10.25
	27 Tetrahydrofuran	42	6.611	6.611	(0.825)	32997	10.0000	11.99
	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	10.09
$	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	10.53
	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(Q)
	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	10.24
	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

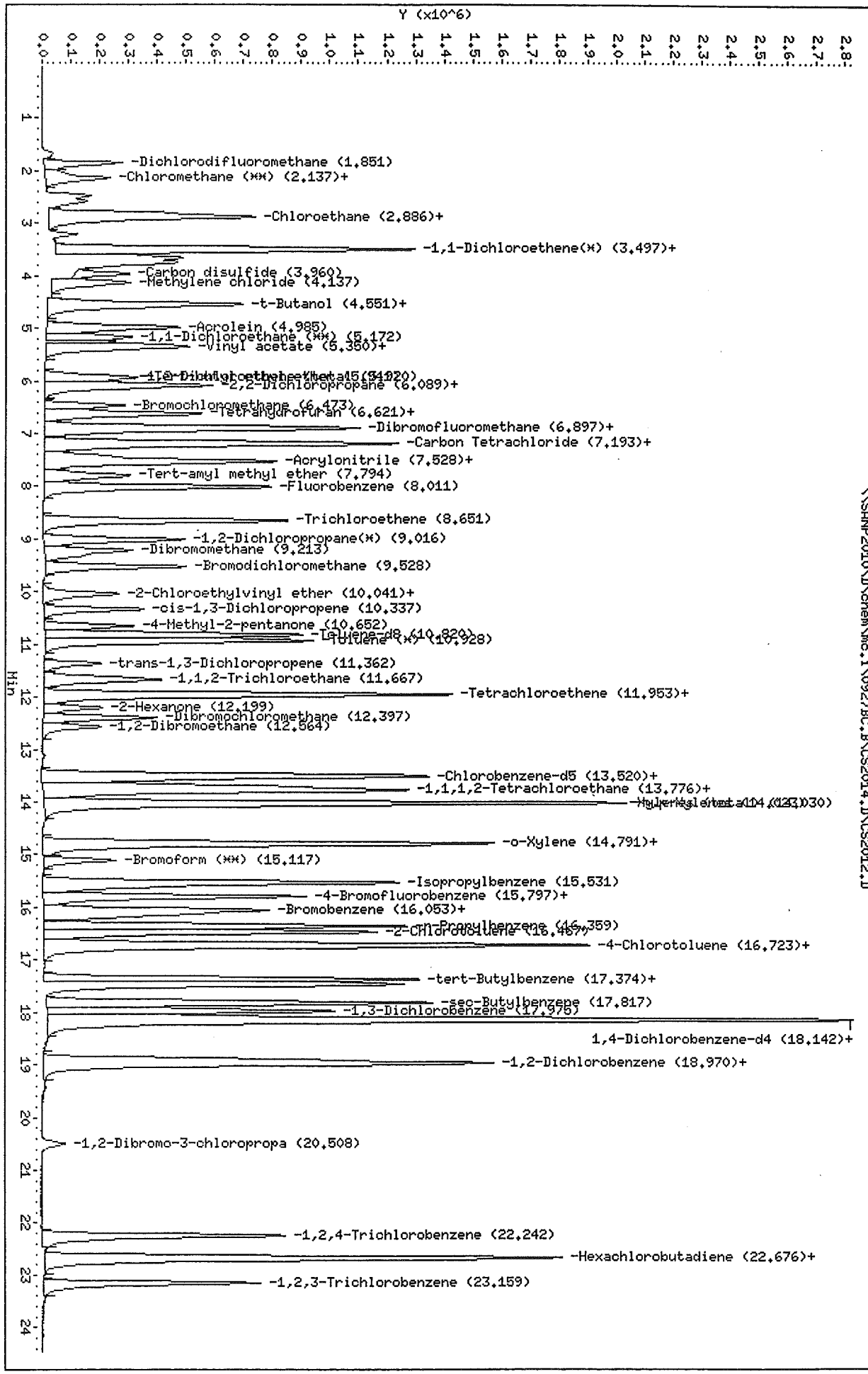
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	63 Styrene	104	14.811	14.811	(1.098)	1383672	10.0000	10.48
	64 Bromoform (**)	173	15.117	15.117	(1.121)	385854	10.0000	10.45
	65 Isopropylbenzene	105	15.531	15.531	(1.151)	3049216	10.0000	10.22
$	66 4-Bromofluorobenzene	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(Q)
	71 n-Propylbenzene	91	16.359	16.359	(0.903)	3437624	10.0000	9.43
	72 2-Chlorotoluene	126	16.477	16.477	(0.910)	714366	10.0000	9.54
	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	9.77
	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	(Q)
	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	9.76(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

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

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D\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



\\SANP2010\D\chem\mc.i\0927BC.B\CS2014.D\CS2012.D

000523

BOE-C6-0156064

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\C09260.D
Lab Smp Id: MB-0927BC Client Smp ID: C09260
Inj Date : 27-SEP-2000 21:27
Operator : AD Inst ID: mc.i
Smp Info : MB-0927BC,BLANK,1,,0,1,0,8260BCL.M,C09260
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:08 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 6 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	7.437	7.418	(0.927)	55224	81.6375	81.64(Q)
$ 29 Dibromofluoromethane	111	6.905	6.886	(0.861)	1127978	10.0565	10.06
$ 33 1,2-Dichloroethane-d4	65	7.437	7.418	(0.927)	422560	9.58410	9.58
34 1,2-Dichloroethane-d4 2nd	102	7.427	7.418	(0.926)	108889	10.0351	10.04
37 Tert-amyl methyl ether	73	8.028	7.803	(1.001)	31608	0.38125	0.381(a)
* 38 Fluorobenzene	96	8.018	8.009	(1.000)	2344437	10.0000	
$ 47 Toluene-d8	98	10.827	10.818	(0.803)	1958136	10.1847	10.18
* 56 Chlorobenzene-d5	117	13.488	13.479	(1.000)	1674111	10.0000	
$ 66 4-Bromofluorobenzene	95	15.795	15.796	(1.171)	1114336	10.0914	10.09
67 4-Bromofluorobenzene-2nd	174	15.795	15.796	(1.171)	925163	9.89497	9.89
* 79 1,4-Dichlorobenzene-d4	152	18.120	18.112	(1.000)	921563	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

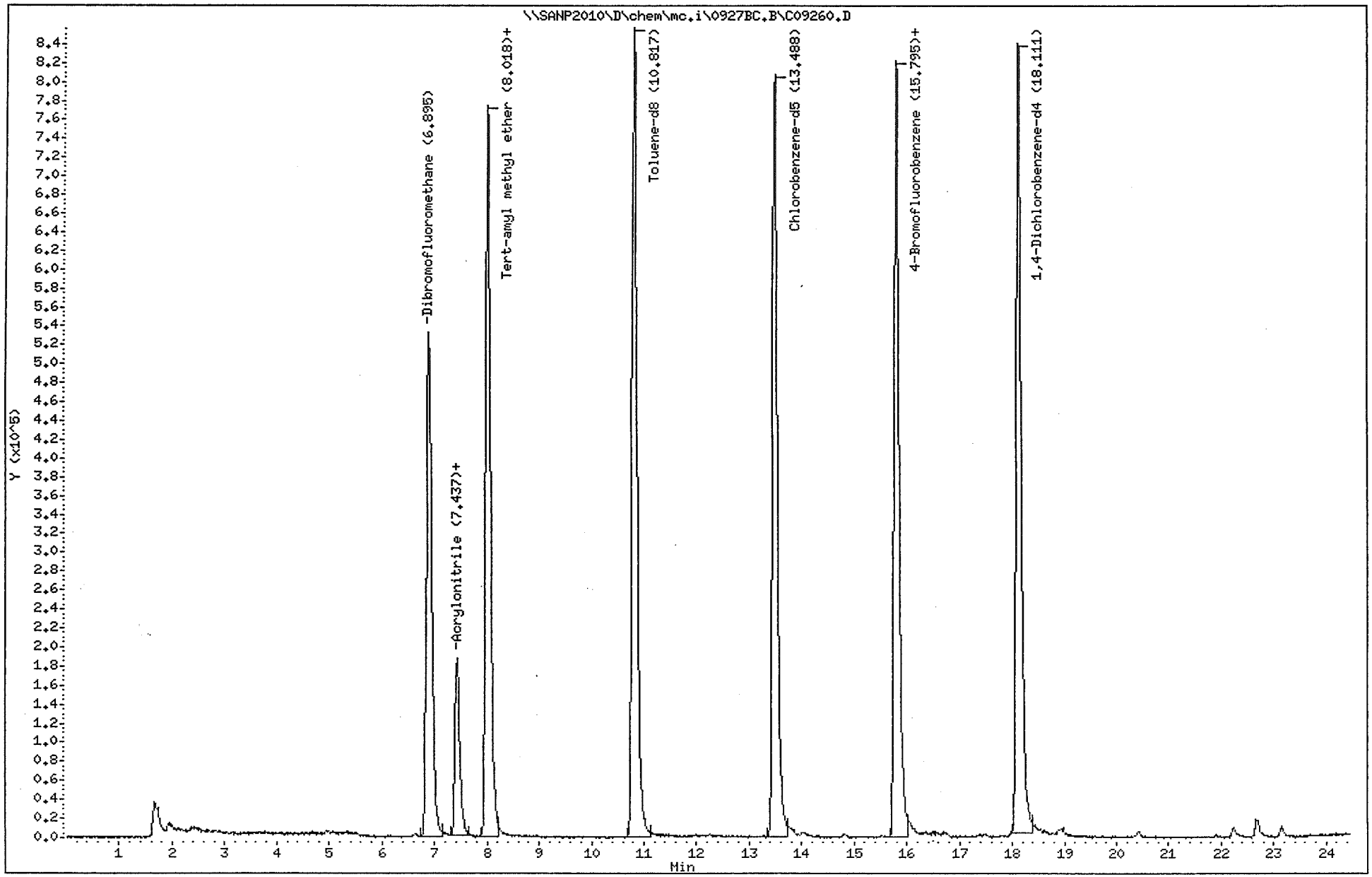
VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\C09260.D
Lab Smp Id: MB-0927BC Client Smp ID: C09260
Inj Date : 27-SEP-2000 21:27
Operator : AD Inst ID: mc.i
Smp Info : MB-0927BC,BLANK,1,,0,1,0,8260BCL.M,C09260
Misc Info : ,25,,,3,1-8260B.SUB
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:08 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 6 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 -

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09260.D
Date : 27-SEP-2000 21:27
Client ID: C09260
Sample Info: MB-0927BC,BLANK,1,,0,1,0,8260BCL.M,C09260
Purge Volume: 25.0
Column phase: J&W DB-624

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



BOE-C6-0156068

000527

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09260.D

Date : 27-SEP-2000 21:27

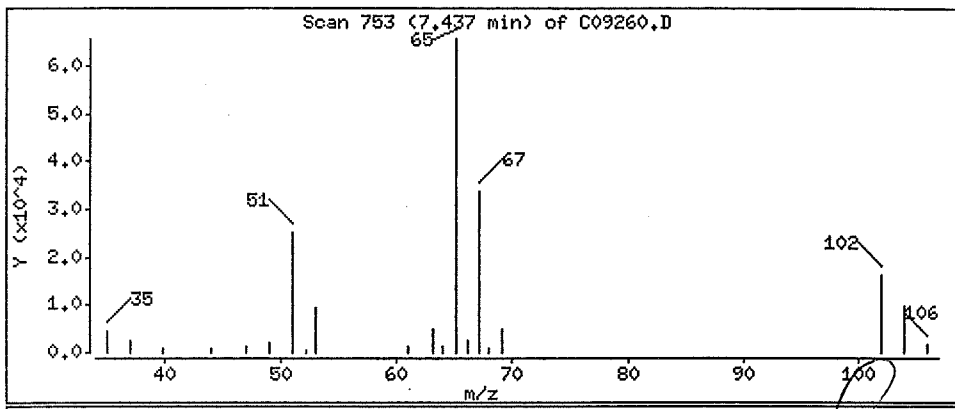
Client ID: C09260 Instrument: mc.i

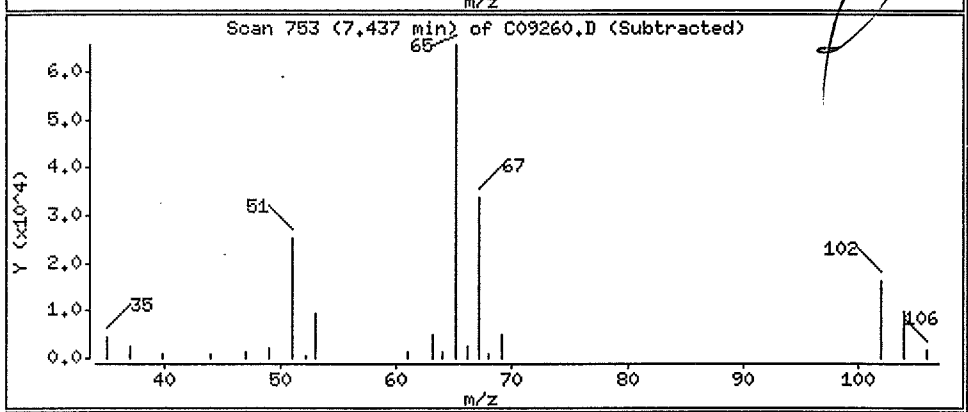
Sample Info: MB-0927BC,BLANK,1,,0,1,0,8260BCL,M,C09260

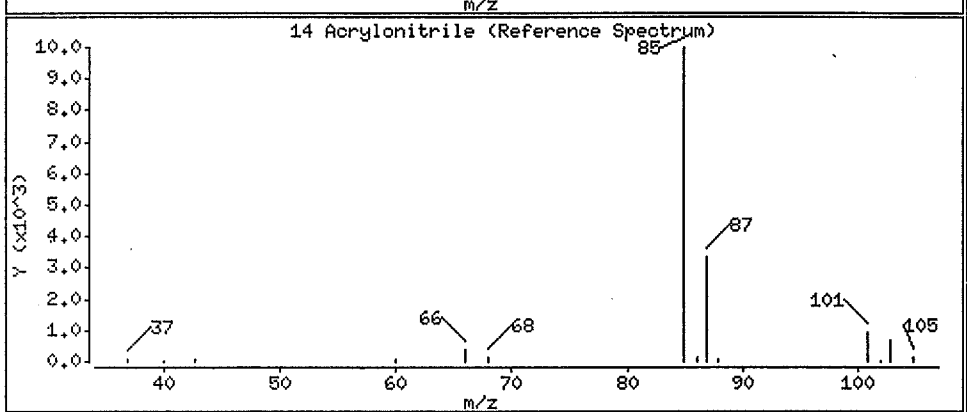
Purge Volume: 25.0 Operator: AD

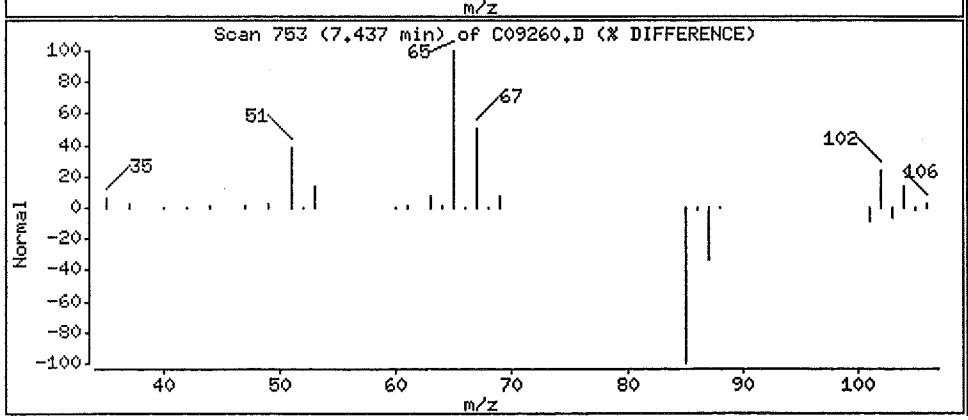
Column phase: J&W DB-624 Column diameter: 0.53

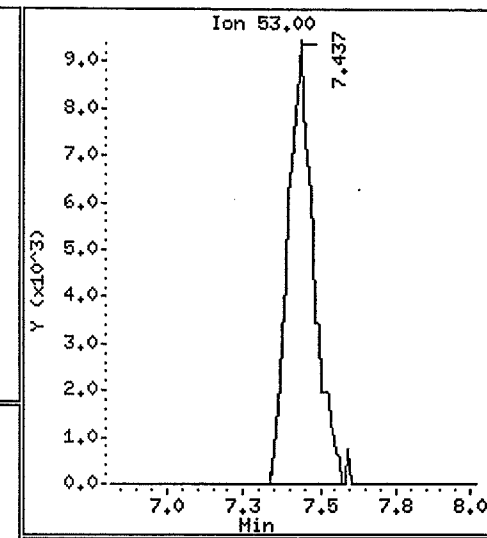
14 Acrylonitrile Concentration: 81.64 ug/L

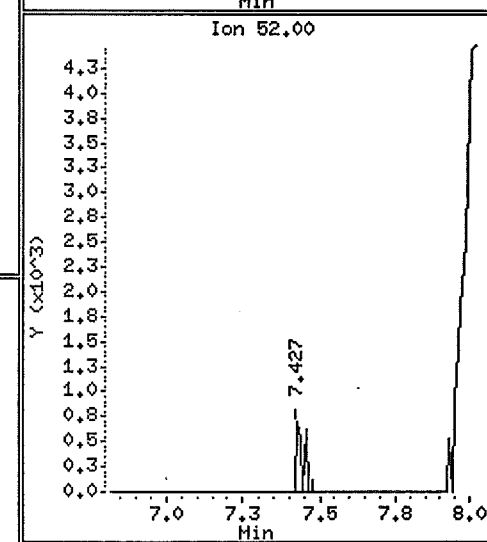


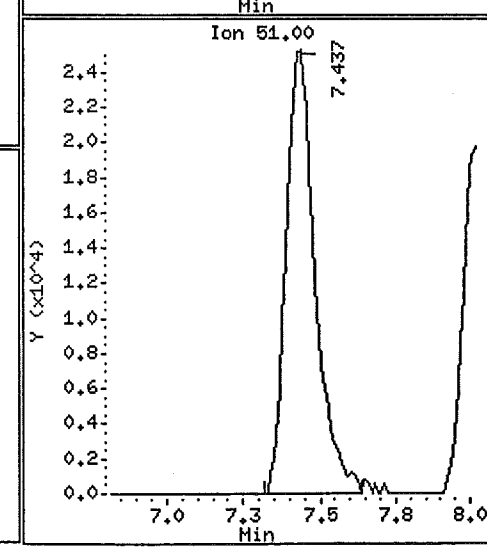












Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09260.D

Date : 27-SEP-2000 21:27

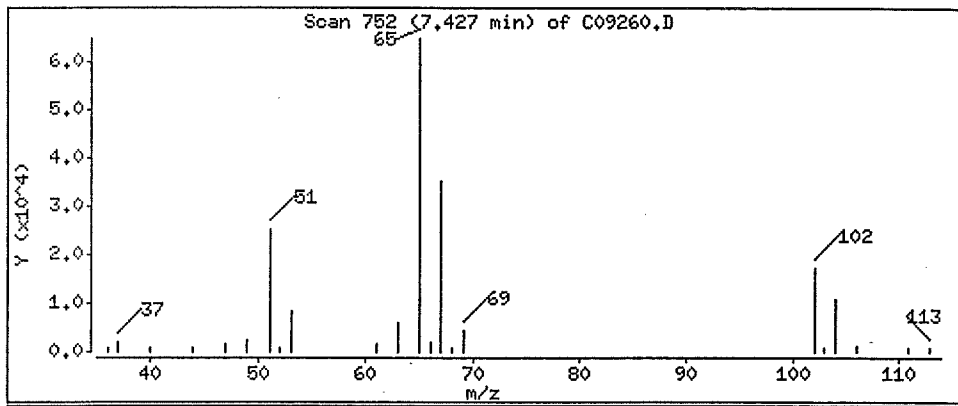
Client ID: C09260 Instrument: mc.i

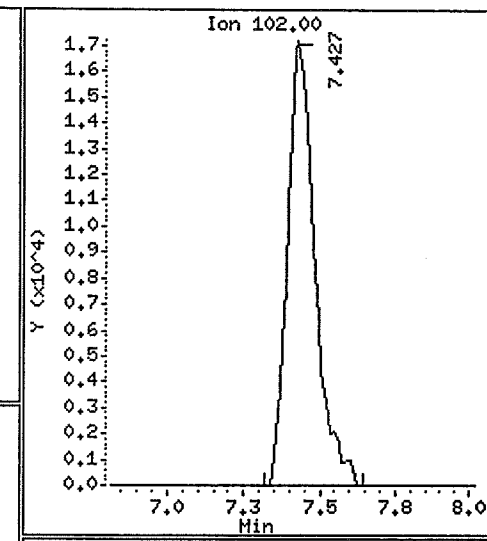
Sample Info: MB-0927BC,BLANK,1,,0,1,0,8260BCL.M,C09260

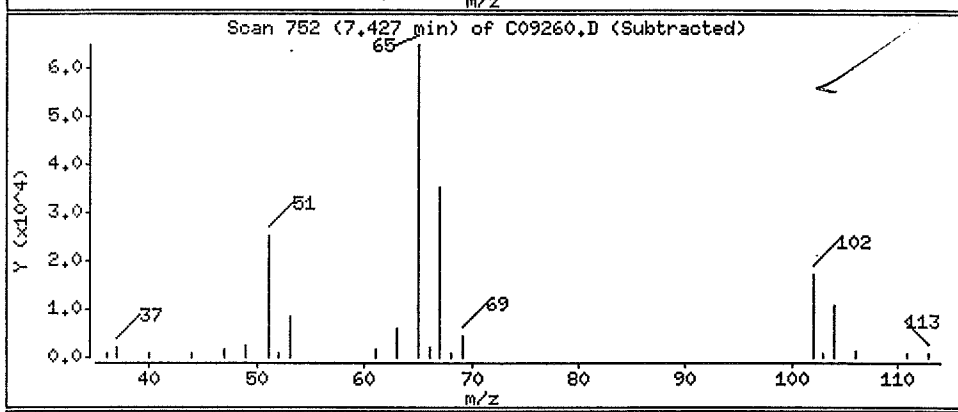
Purge Volume: 25.0 Operator: AD

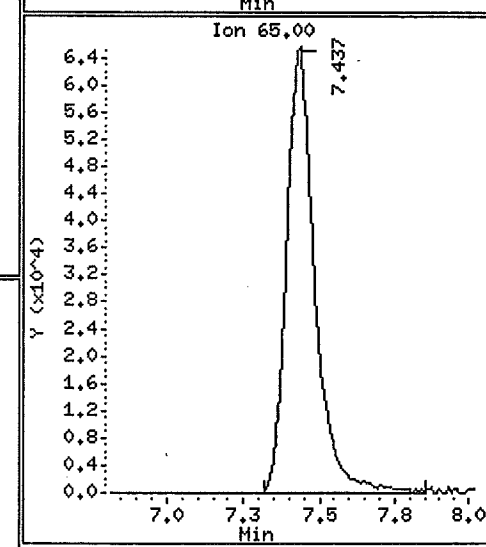
Column phase: J&W DB-624 Column diameter: 0.53

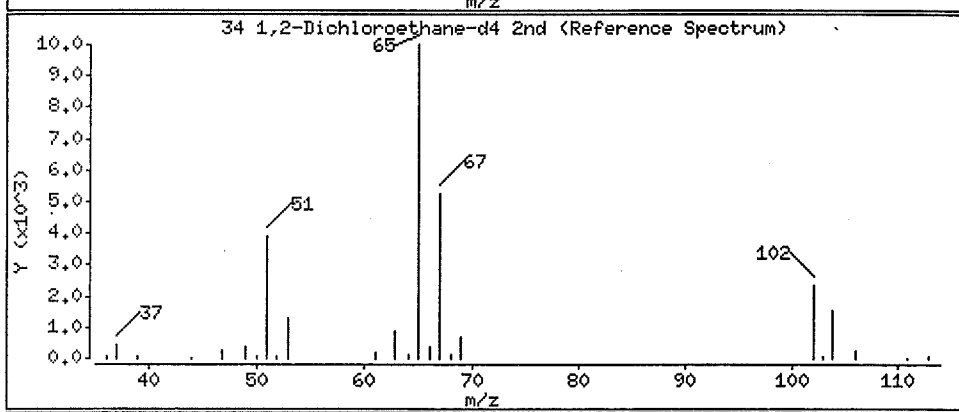
34 1,2-Dichloroethane-d4 2nd Concentration: 10.04 ug/L

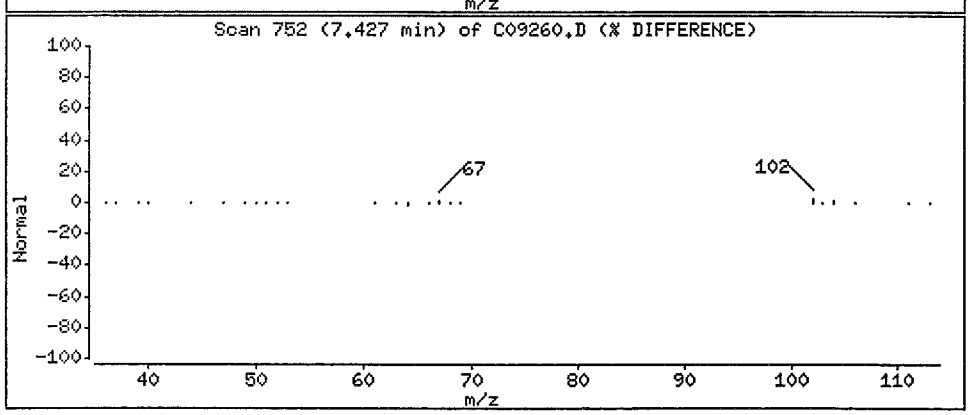












Data File: \\SANP2010\D\chem\mo.i\0927BC.B\C09260.D

Date : 27-SEP-2000 21:27

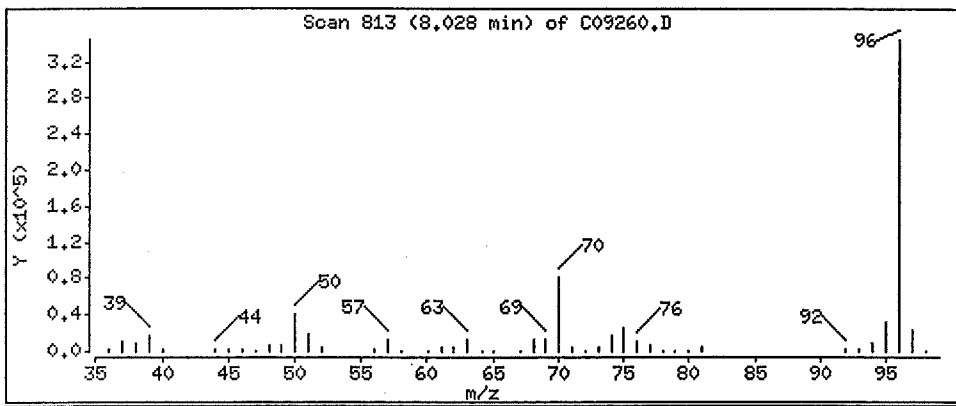
Client ID: C09260 Instrument: mo.i

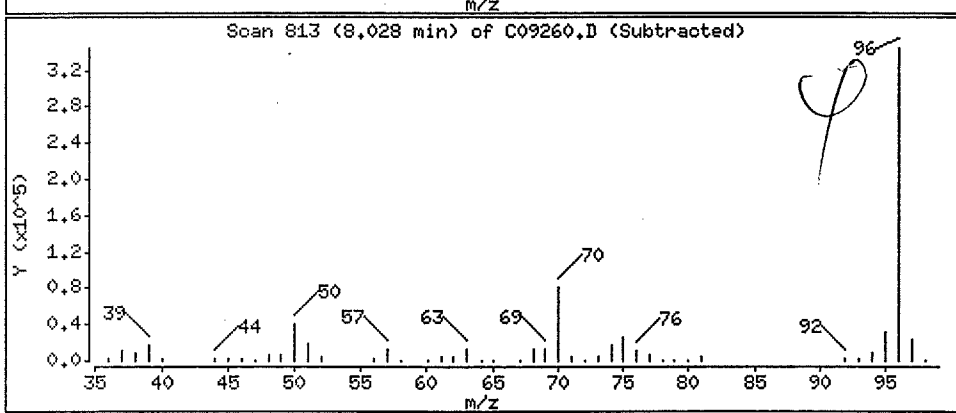
Sample Info: MB-0927BC,BLANK,1,,0,1,0,8260BCL.M,C09260

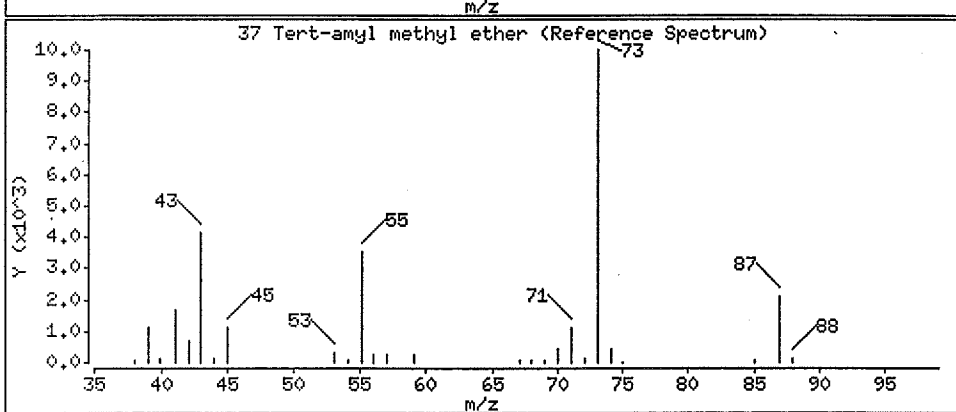
Purge Volume: 25.0 Operator: AD

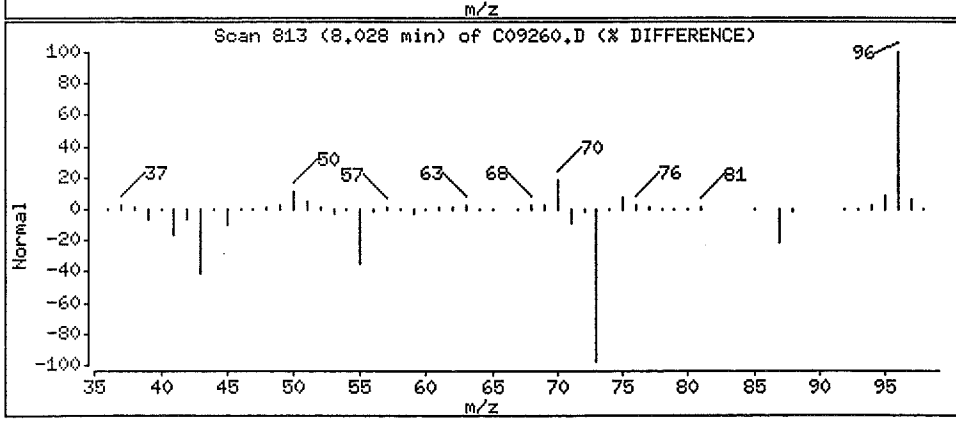
Column phase: J&W DB-624 Column diameter: 0.53

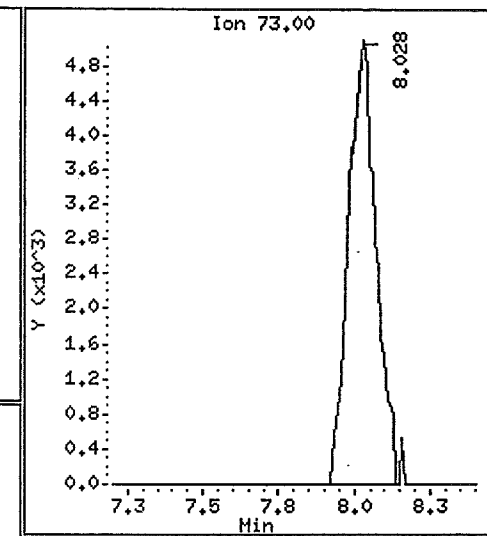
37 Tert-amyl methyl ether Concentration: 0.381 ug/L

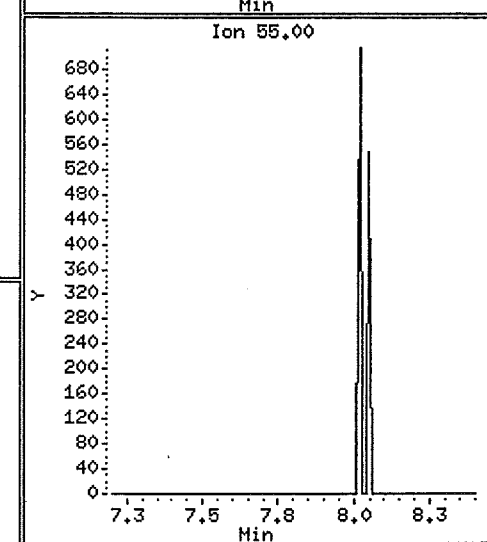


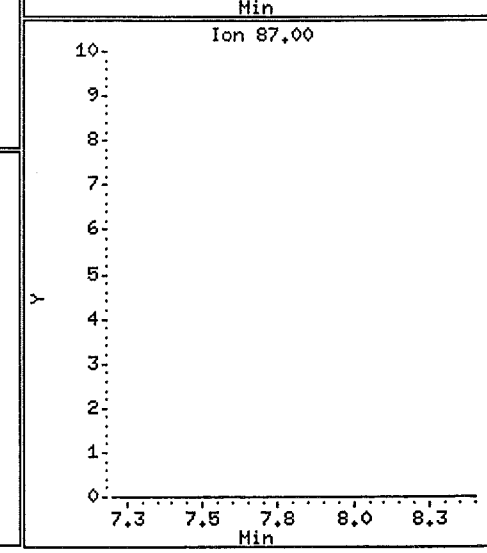












Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09260.D

Date : 27-SEP-2000 21:27

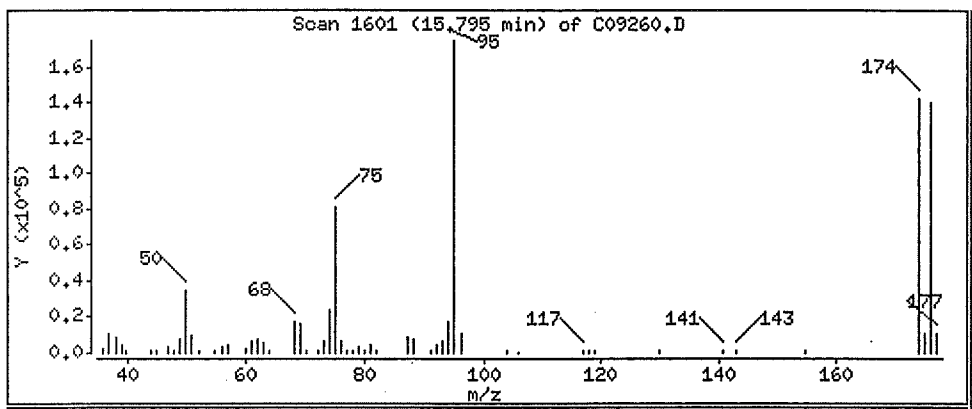
Client ID: C09260 Instrument: mc.i

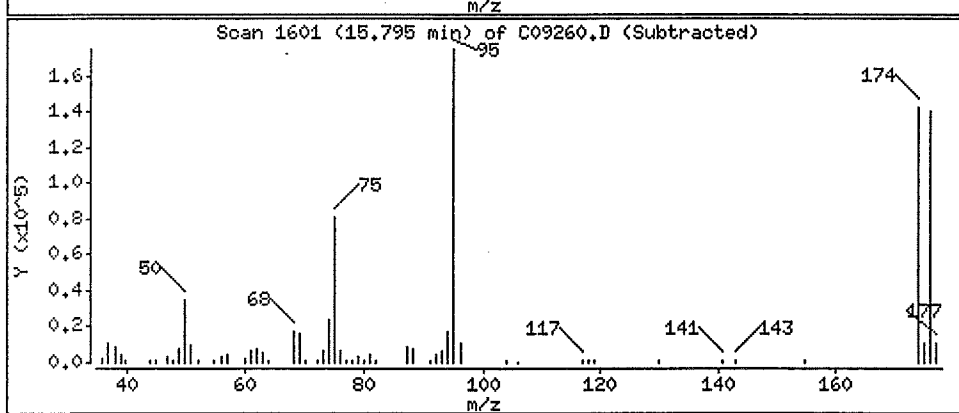
Sample Info: MB-0927BC,BLANK,1,,0,1,0,8260BCL.M,C09260

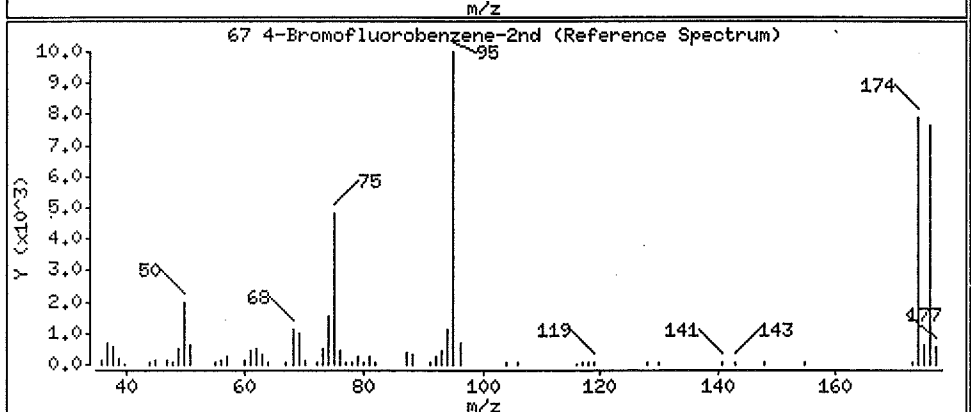
Purge Volume: 25.0 Operator: AD

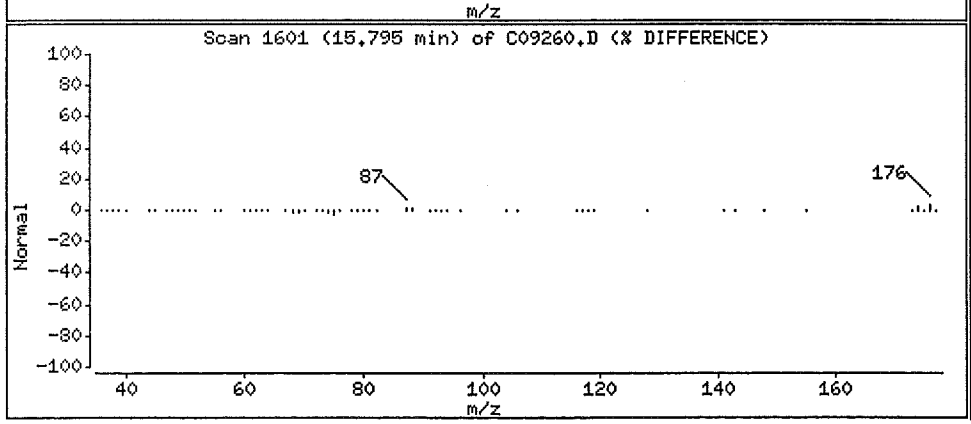
Column phase: J&W DB-624 Column diameter: 0.53

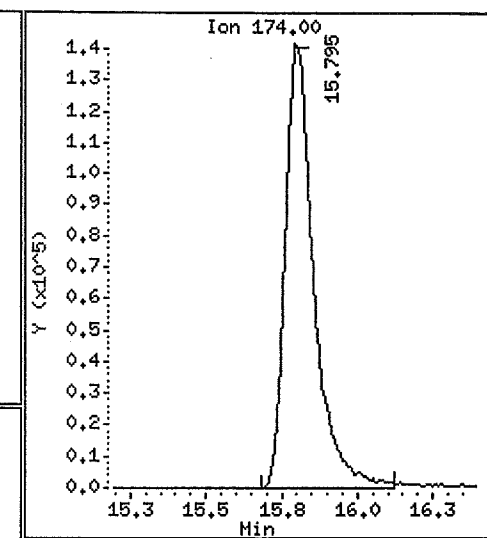
67 4-Bromofluorobenzene-2nd Concentration: 9.89 ug/L

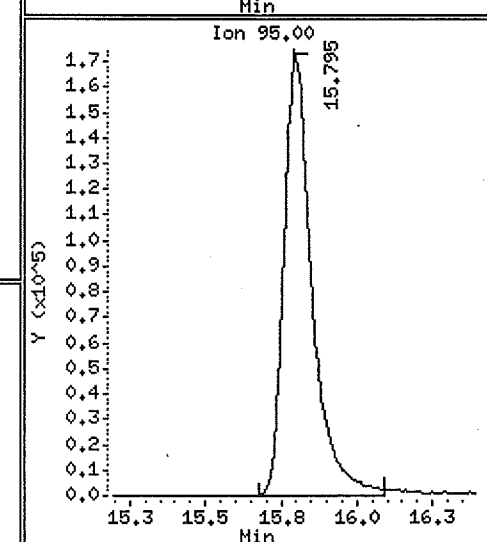


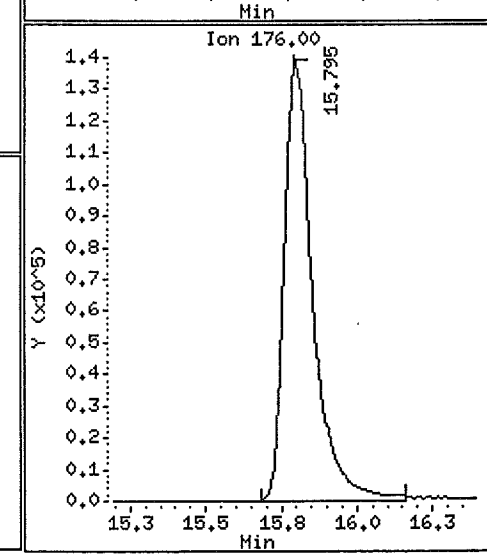












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\C09259.D
Lab Smp Id: LCS-0927BC Client Smp ID: C09259
Inj Date : 27-SEP-2000 20:57
Operator : AD Inst ID: mc.i
Smp Info : LCS-0927BC,LCS,1,,0,1,0,8260BCL.M,C09259
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\chem\mc.i\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:00 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 1 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

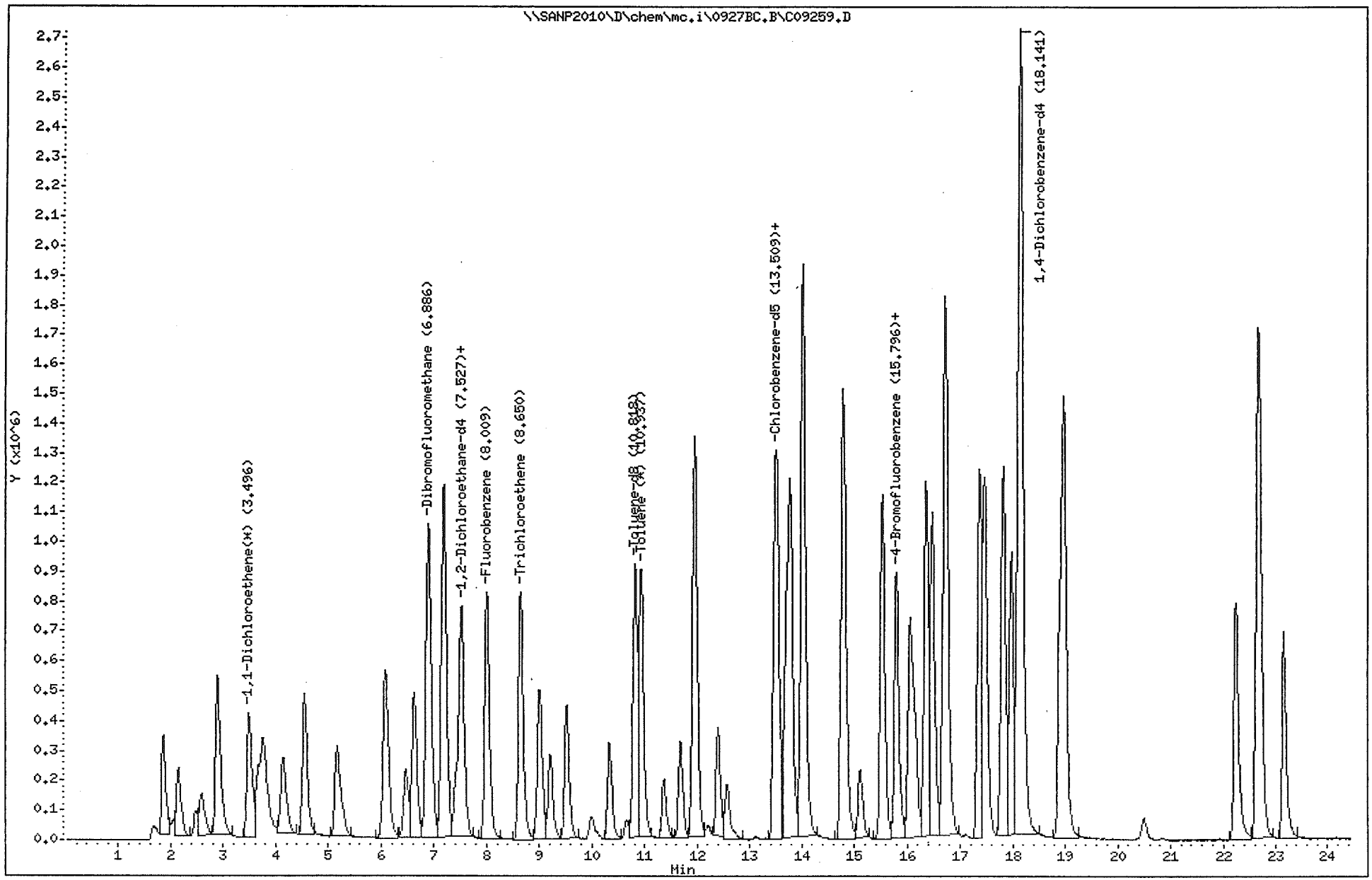
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.496	3.496	(0.436)	618446	9.25973	9.26
$ 29 Dibromofluoromethane	111	6.886	6.886	(0.860)	1169155	9.95368	9.95
$ 33 1,2-Dichloroethane-d4	65	7.418	7.418	(0.926)	459286	9.94749	9.95
34 1,2-Dichloroethane-d4 2nd	102	7.418	7.418	(0.926)	117773	10.3645	10.36
35 Benzene	78	7.517	7.517	(0.938)	1763127	9.43988	9.44
* 38 Fluorobenzene	96	8.009	8.009	(1.000)	2455117	10.0000	
39 Trichloroethene	130	8.660	8.660	(1.081)	972227	9.28100	9.28
$ 47 Toluene-d8	98	10.818	10.818	(0.803)	2054825	10.5748	10.57
48 Toluene (*)	91	10.937	10.937	(0.811)	2098486	9.50789	9.51
* 56 Chlorobenzene-d5	117	13.479	13.479	(1.000)	1691967	10.0000	
57 Chlorobenzene (**)	112	13.539	13.539	(1.004)	1546885	9.40197	9.40
$ 66 4-Bromofluorobenzene	95	15.796	15.796	(1.172)	1152649	10.3282	10.33
67 4-Bromofluorobenzene-2nd	174	15.796	15.796	(1.172)	965348	10.2158	10.22
* 79 1,4-Dichlorobenzene-d4	152	18.112	18.112	(1.000)	1010303	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09259.D
Date : 27-SEP-2000 20:57
Client ID: C09259
Sample Info: LCS-0927BC,LCS,1,,0,1,0,8260BCL.M,C09259
Purge Volume: 25.0
Column phase: J&W DB-624

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



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BOE-C6-0156075

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\0927BC.B\C09271.D
Lab Smp Id: DLKH102 Client Smp ID: C09271
Inj Date : 28-SEP-2000 03:03
Operator : AD Inst ID: mc.i
Smp Info : DLKH102,MS,1,,0,1,0,8260BCL.M,C09271
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:16 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 1 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

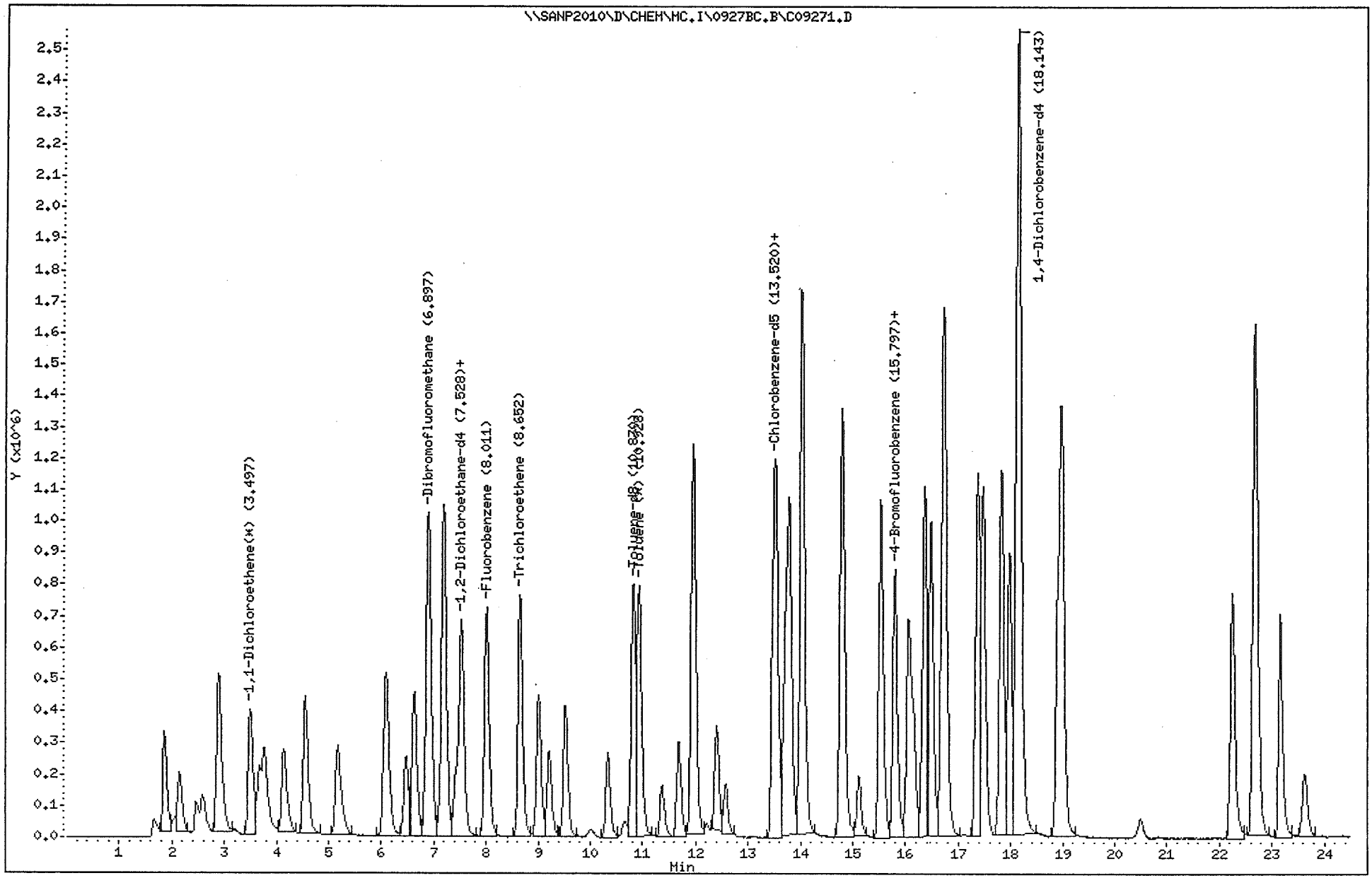
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.497	3.496	(0.437)	593813	10.3797	10.38
$ 29 Dibromofluoromethane	111	6.888	6.886	(0.860)	1100690	10.9399	10.94
$ 33 1,2-Dichloroethane-d4	65	7.420	7.418	(0.926)	448778	11.3474	11.35
34 1,2-Dichloroethane-d4 2nd	102	7.439	7.418	(0.929)	106112	10.9020	10.90
35 Benzene	78	7.528	7.517	(0.940)	1491296	9.32145	9.32
* 38 Fluorobenzene	96	8.011	8.009	(1.000)	2102981	10.0000	
39 Trichloroethene	130	8.652	8.660	(1.080)	885543	9.86901	9.87
$ 47 Toluene-d8	98	10.820	10.818	(0.802)	1772197	10.1227	10.12
48 Toluene (*)	91	10.938	10.937	(0.811)	1834917	9.22741	9.23
* 56 Chlorobenzene-d5	117	13.491	13.479	(1.000)	1524427	10.0000	
57 Chlorobenzene (**)	112	13.540	13.539	(1.004)	1364406	9.20428	9.20
$ 66 4-Bromofluorobenzene	95	15.797	15.796	(1.171)	1036572	10.3089	10.31
67 4-Bromofluorobenzene-2nd	174	15.807	15.796	(1.172)	901207	10.5852	10.58
* 79 1,4-Dichlorobenzene-d4	152	18.113	18.112	(1.000)	955461	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09271.D
Date : 28-SEP-2000 03:03
Client ID: C09271
Sample Info: DLKH102,MS,1,,0,1,0,8260BCL.M,C09271
Purge Volume: 25.0
Column phase: J&W DB-624

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



BOE-C6-0156078

000537

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\0927BC.B\C09272.D
Lab Smp Id: DLKH103 Client Smp ID: C09272
Inj Date : 28-SEP-2000 03:33
Operator : AD Inst ID: mc.i
Smp Info : DLKH103,MSD,1,,0,1,0,8260BCL.M,C09272
Misc Info : ,25,,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2010\D\CHEM\MC.I\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:16 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 2 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

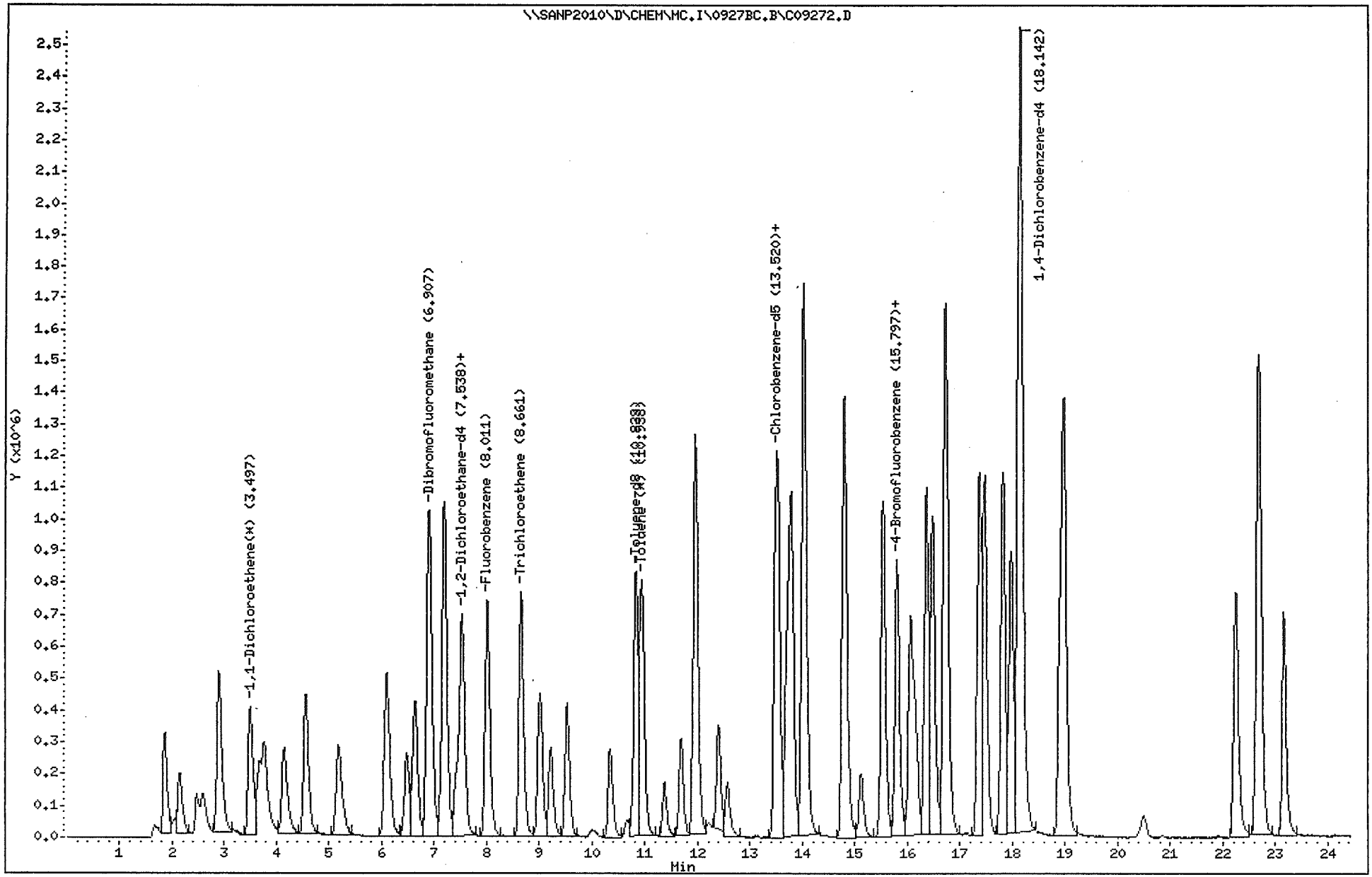
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
8 1,1-Dichloroethene(*)	96	3.497	3.496	(0.437)	600634	10.0834	10.08
$ 29 Dibromofluoromethane	111	6.887	6.886	(0.860)	1147374	10.9525	10.95
$ 33 1,2-Dichloroethane-d4	65	7.429	7.418	(0.927)	474584	11.5250	11.52
34 1,2-Dichloroethane-d4 2nd	102	7.429	7.418	(0.927)	112442	11.0951	11.10
35 Benzene	78	7.538	7.517	(0.941)	1534558	9.21224	9.21
* 38 Fluorobenzene	96	8.011	8.009	(1.000)	2189643	10.0000	
39 Trichloroethene	130	8.651	8.660	(1.080)	890098	9.52718	9.53
$ 47 Toluene-d8	98	10.820	10.818	(0.802)	1868206	10.3571	10.36
48 Toluene (*)	91	10.948	10.937	(0.812)	1863045	9.09317	9.09
* 56 Chlorobenzene-d5	117	13.491	13.479	(1.000)	1570645	10.0000	
57 Chlorobenzene (**)	112	13.540	13.539	(1.004)	1403500	9.18940	9.19
$ 66 4-Bromofluorobenzene	95	15.797	15.796	(1.171)	1087232	10.4945	10.49
67 4-Bromofluorobenzene-2nd	174	15.797	15.796	(1.171)	949953	10.8294	10.83
* 79 1,4-Dichlorobenzene-d4	152	18.123	18.112	(1.000)	954835	10.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09272.D
Date : 28-SEP-2000 03:33
Client ID: C09272
Sample Info: DLKH103,MSD,1,,0,1,0,8260BCL.M,C09272
Purge Volume: 25.0
Column phase: J&W DB-624

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



BOE-C6-0156081

000540

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\0927BC.B\C09269.D
Lab Smp Id: DL3HL101 Client Smp ID: C09269
Inj Date : 28-SEP-2000 02:04
Operator : AD Inst ID: mc.i
Smp Info : DL3HL101,,1,,0,1,0,8260BCL.M,C09269
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:16 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 15
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)
11 Acetone	43	3.547	3.525	(0.442)	13714	3.57032	3.57(a)
14 Acrylonitrile	53	7.430	7.418	(0.926)	54632	85.3851	85.38(Q)
18 Methyl-tert-butyl ether[MTBE]	73	4.602	4.591	(0.574)	85573	1.59913	1.60
$ 29 Dibromofluoromethane	111	6.898	6.886	(0.860)	1156216	10.8982	10.90
$ 33 1,2-Dichloroethane-d4	65	7.430	7.418	(0.926)	443658	10.6385	10.64
34 1,2-Dichloroethane-d4 2nd	102	7.430	7.418	(0.926)	105806	10.3091	10.31
37 Tert-amyl methyl ether	73	8.031	7.803	(1.001)	33104	0.42214	0.422(a)
* 38 Fluorobenzene	96	8.021	8.009	(1.000)	2217522	10.0000	
$ 47 Toluene-d8	98	10.830	10.818	(0.803)	1880381	9.99894	10.0
* 56 Chlorobenzene-d5	117	13.491	13.479	(1.000)	1637502	10.0000	
$ 66 4-Bromofluorobenzene	95	15.798	15.796	(1.171)	1088096	10.0740	10.07
67 4-Bromofluorobenzene-2nd	174	15.798	15.796	(1.171)	942726	10.3082	10.31
* 79 1,4-Dichlorobenzene-d4	152	18.124	18.112	(1.000)	932862	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

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\0927BC.B\C09269.D
Lab Smp Id: DL3HL101 Client Smp ID: C09269
Inj Date : 28-SEP-2000 02:04
Operator : AD Inst ID: mc.i
Smp Info : DL3HL101,,1,,0,1,0,8260BCL.M,C09269
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:16 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 15
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: DL3HL101
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa96339
Client Smp ID: C09269
Sample Date:
Sample Point:
Date Received:
Level: LOW

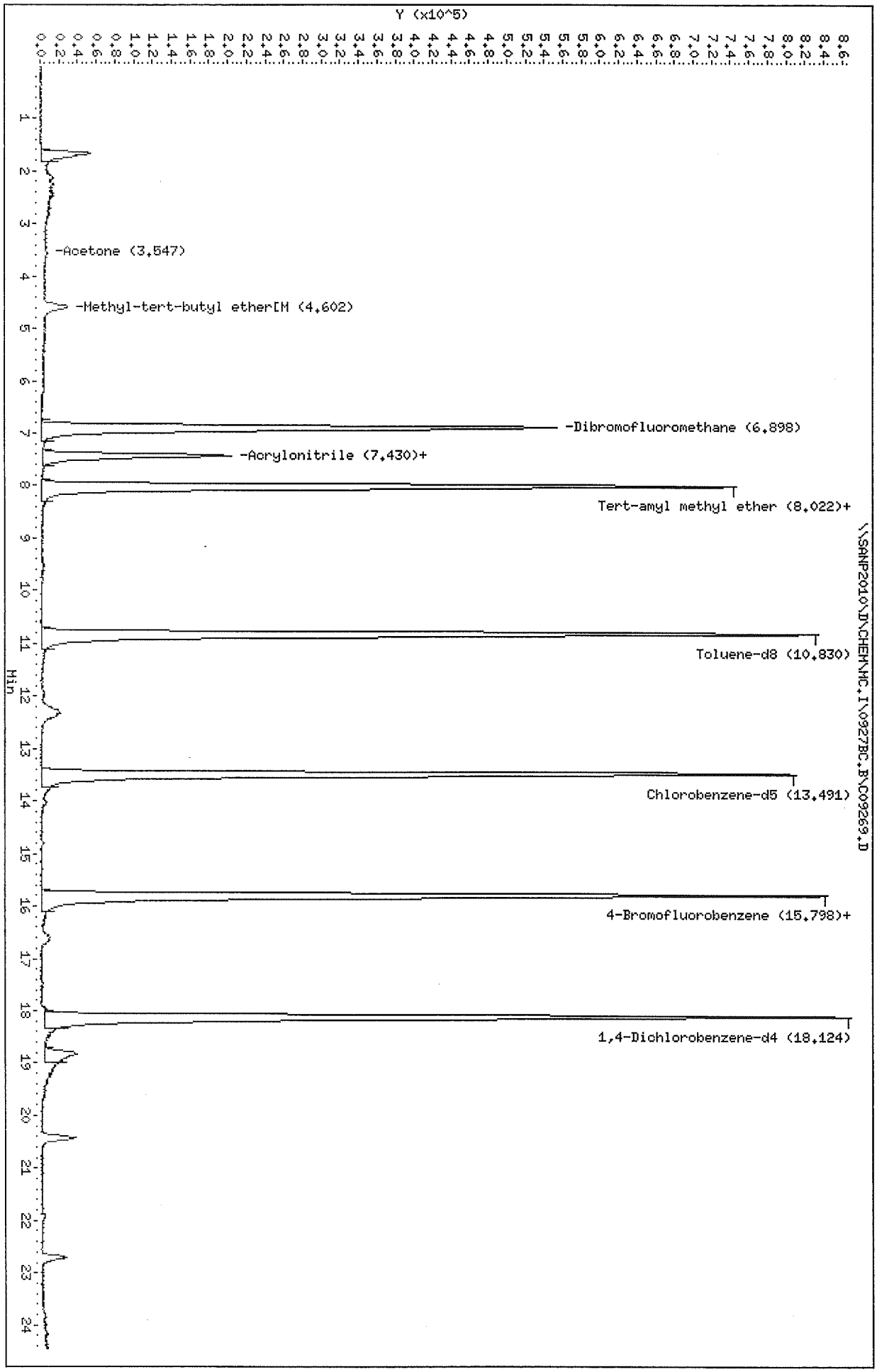
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09269.D
Date : 28-SEP-2000 02:04
Client ID: C09269
Sample Info: DL3HL101,,1,,0,1,0,8260BCL,M,C09269
Purge Volume: 25.0
Column phase: J&W DB-624

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



Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09269.D

Date : 28-SEP-2000 02:04

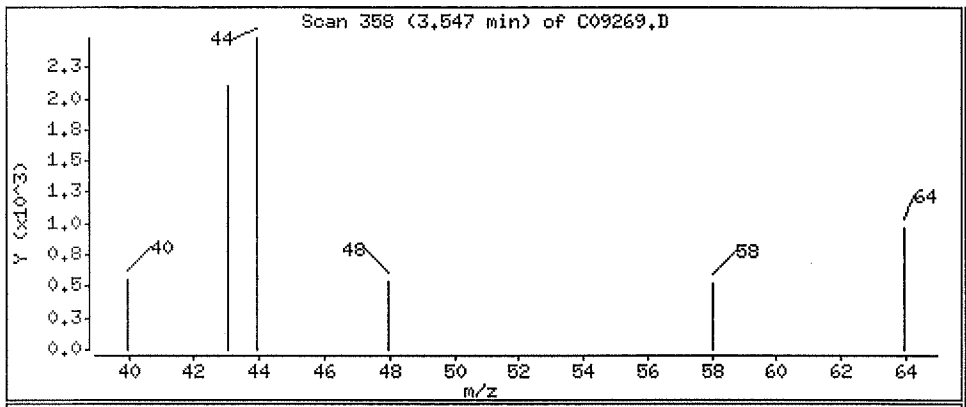
Client ID: C09269 Instrument: mc.i

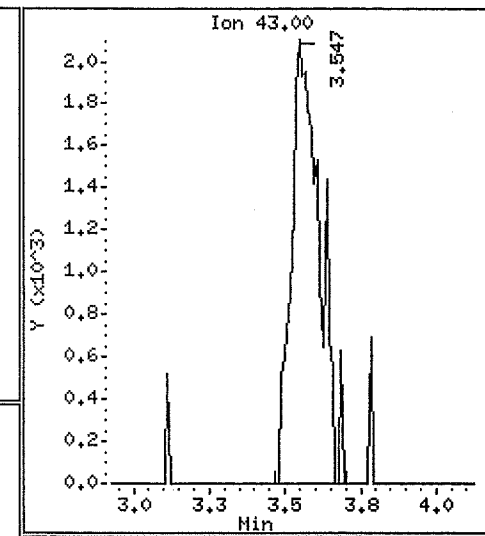
Sample Info: DL3HL101,,1,,0,1,0,8260BCL.M,C09269

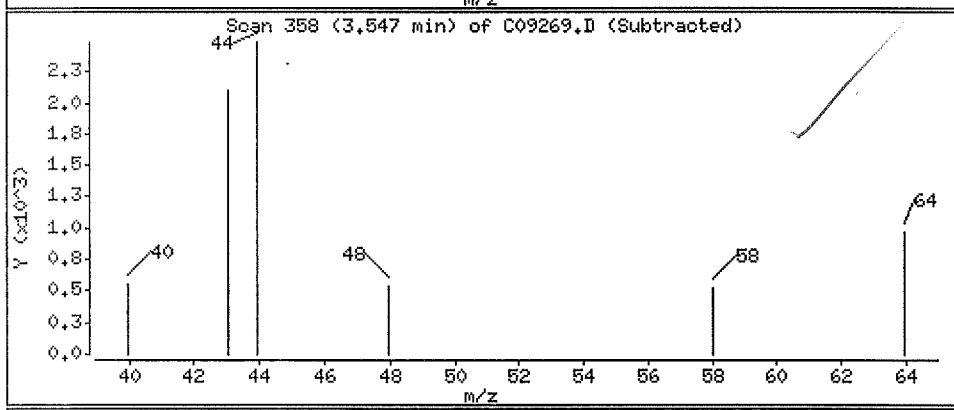
Purge Volume: 25.0 Operator: AD

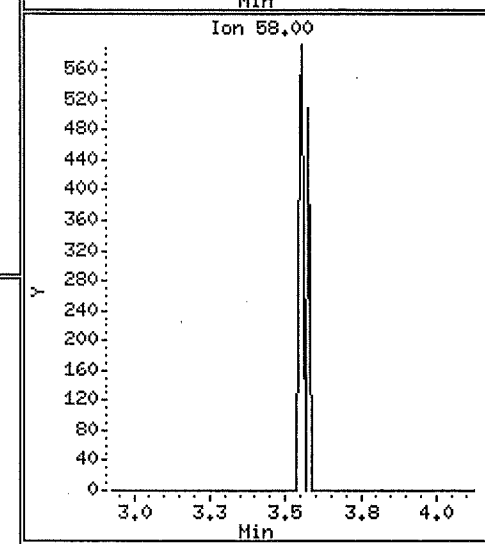
Column phase: J&W DB-624 Column diameter: 0.53

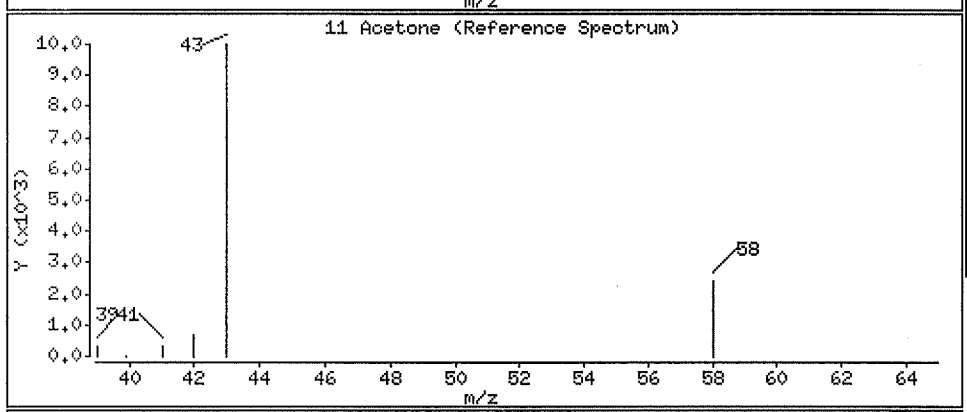
11 Acetone Concentration: 3.57 ug/L

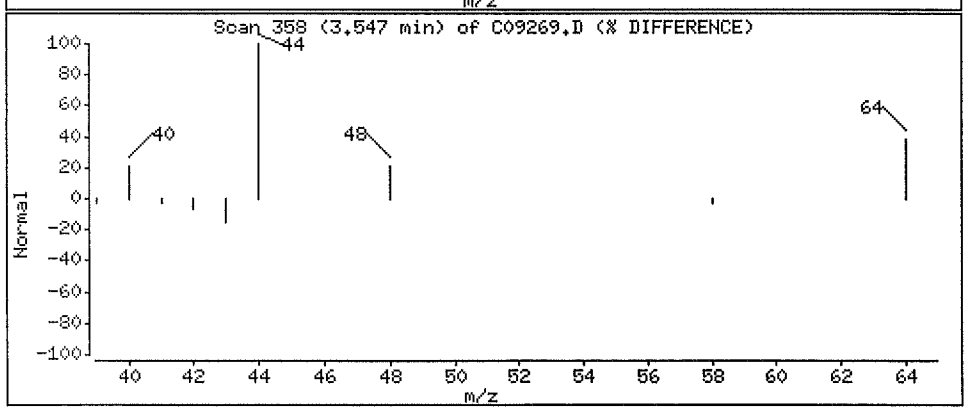












Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09269.D

Date : 28-SEP-2000 02:04

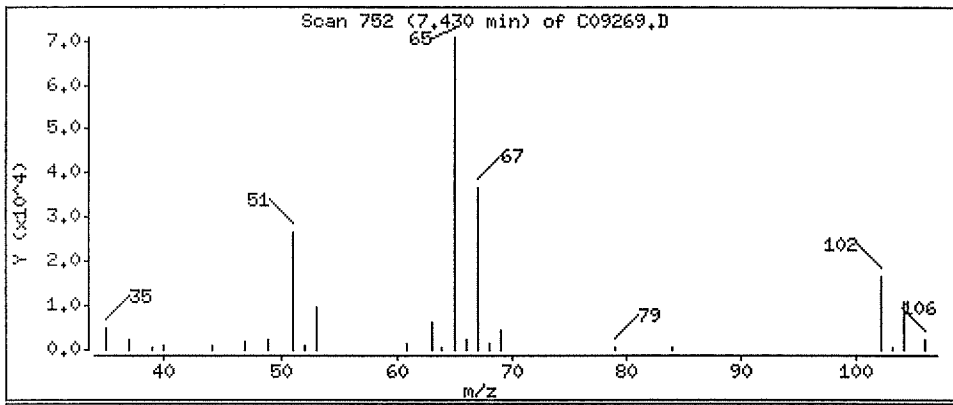
Client ID: C09269 Instrument: mc.i

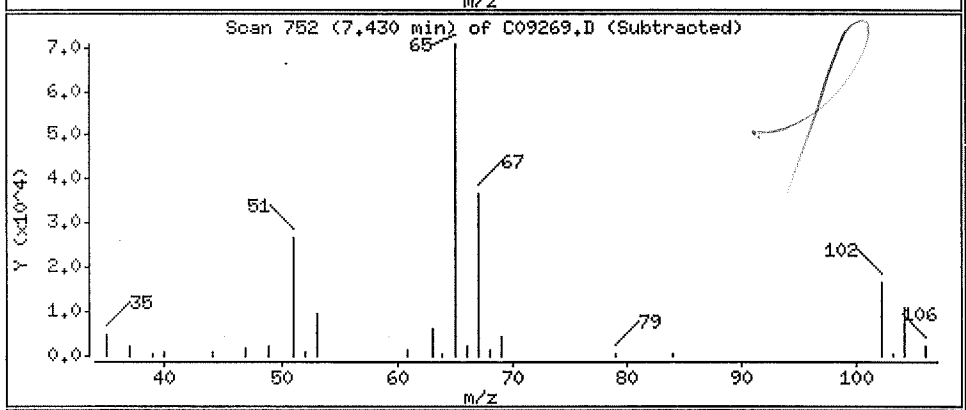
Sample Info: DL3HL101,,1,,0,1,0,8260BCL.M,C09269

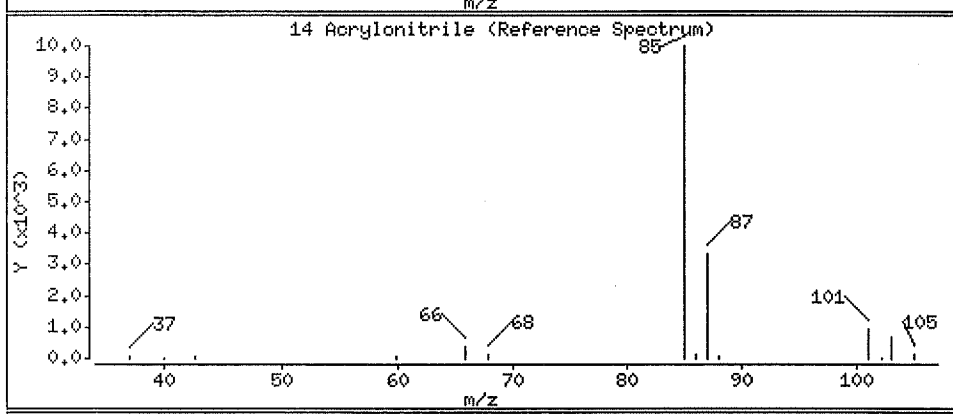
Purge Volume: 25.0 Operator: AD

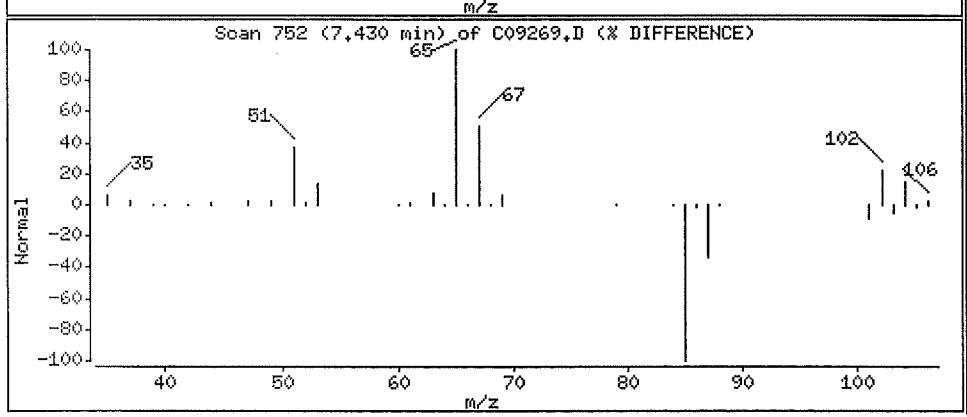
Column phase: J&W DB-624 Column diameter: 0.53

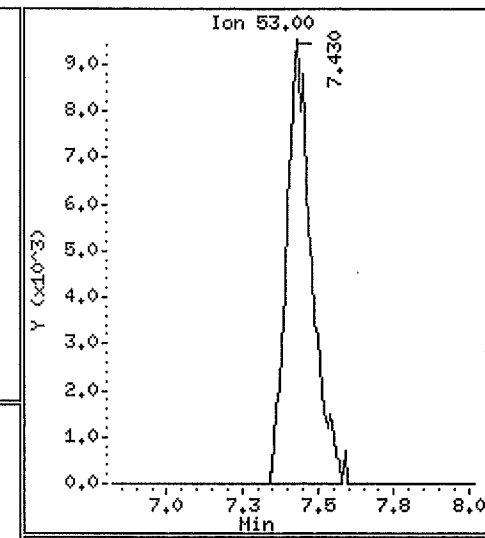
14 Acrylonitrile Concentration: 85.38 ug/L

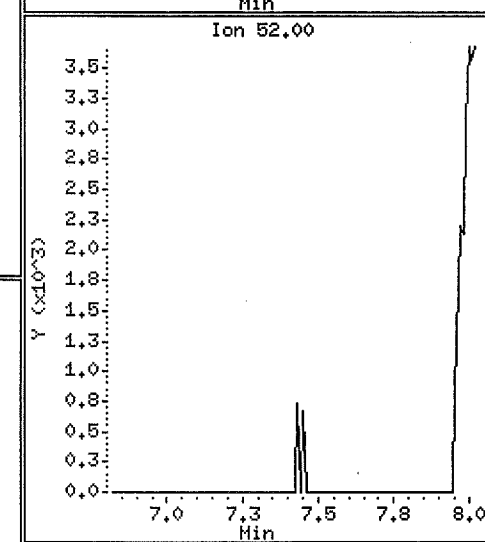


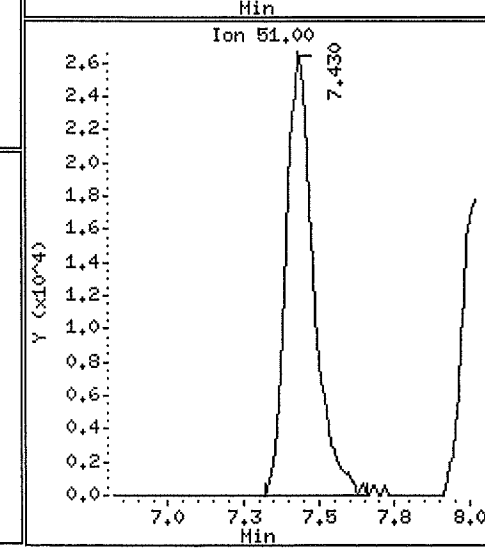












Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09269.D

Date : 28-SEP-2000 02:04

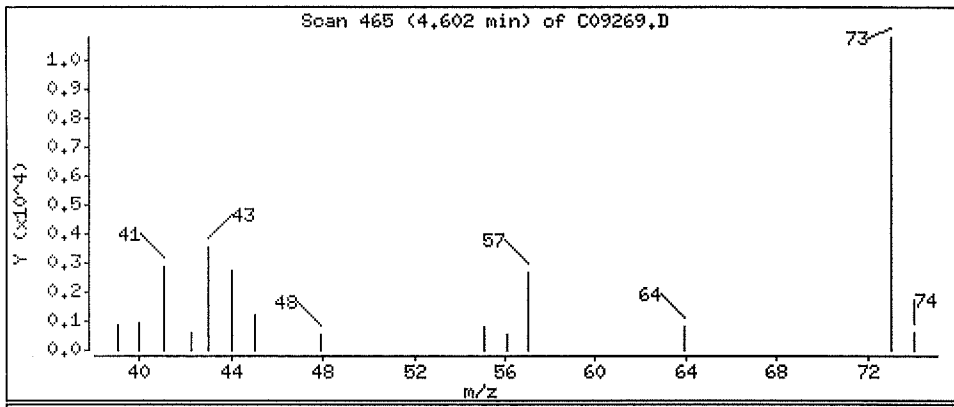
Client ID: C09269 Instrument: mc.i

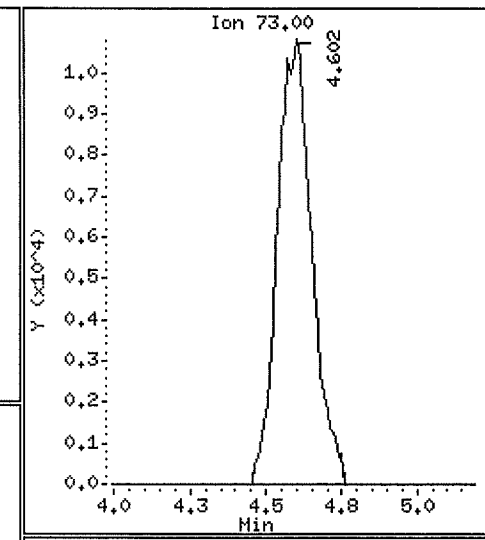
Sample Info: DL3HL101,,1,,0,1,0,8260BCL.M,C09269

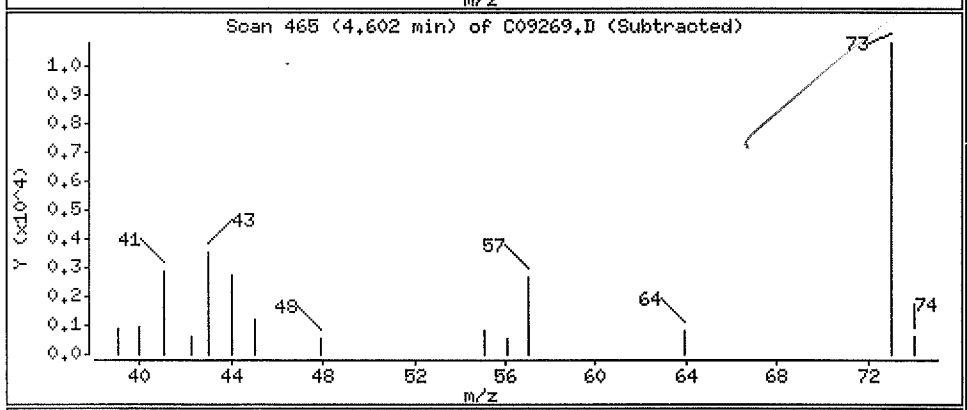
Purge Volume: 25.0 Operator: AD

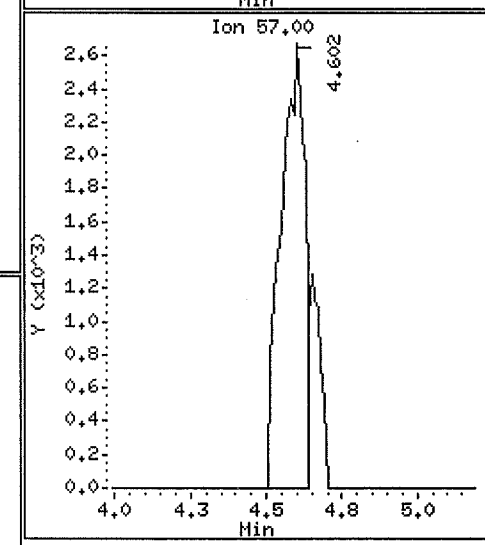
Column phase: J&W DB-624 Column diameter: 0.53

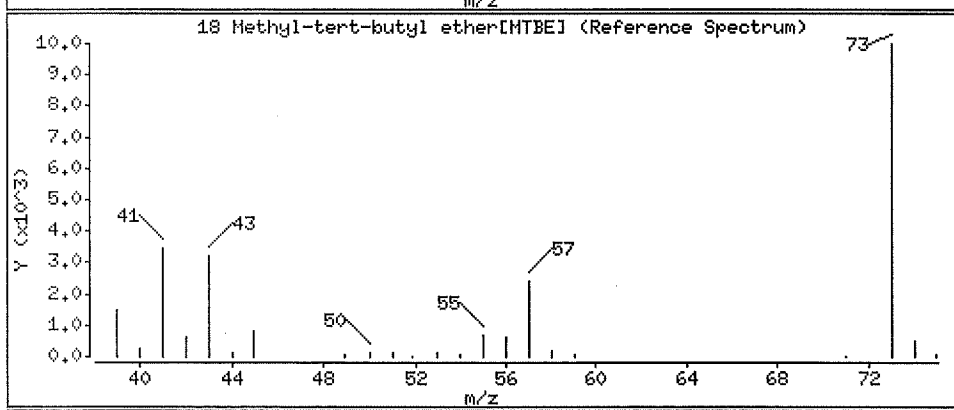
18 Methyl-tert-butyl ether[MTBE] Concentration: 1.60 ug/L

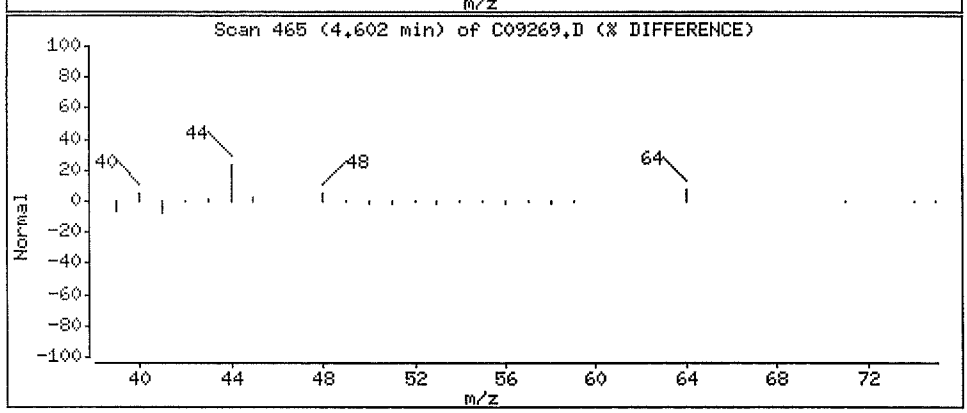












Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09269.D

Date : 28-SEP-2000 02:04

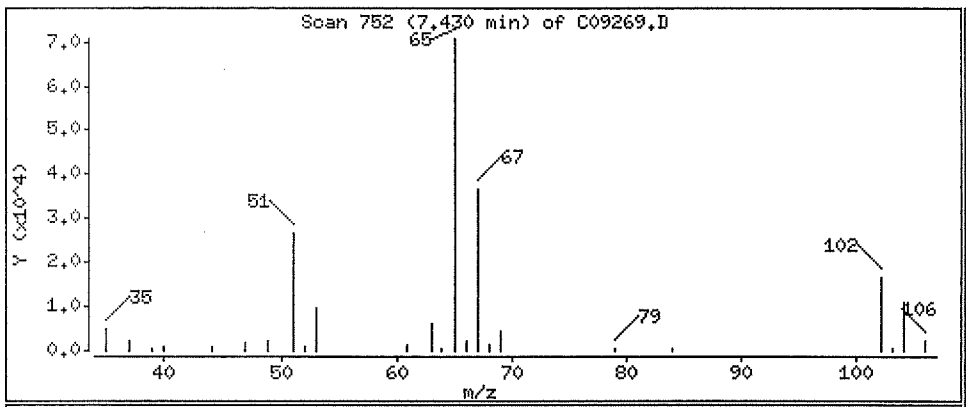
Client ID: C09269 Instrument: mc.i

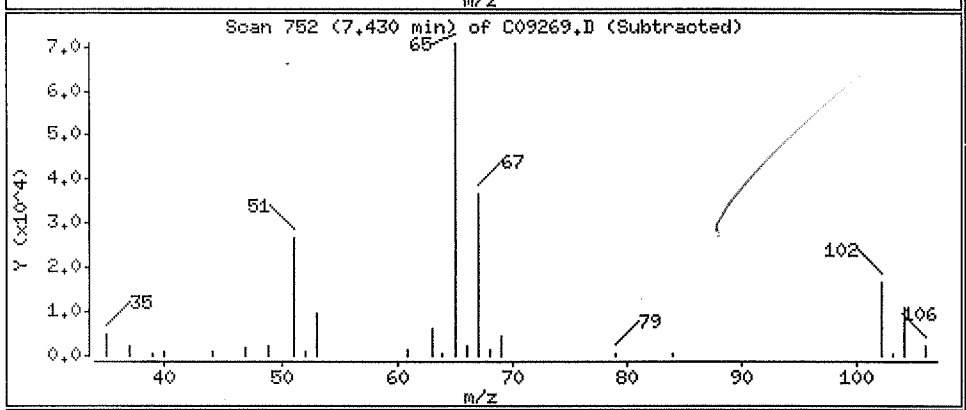
Sample Info: DL3HL101,,1,,0,1,0,8260BCL.M,C09269

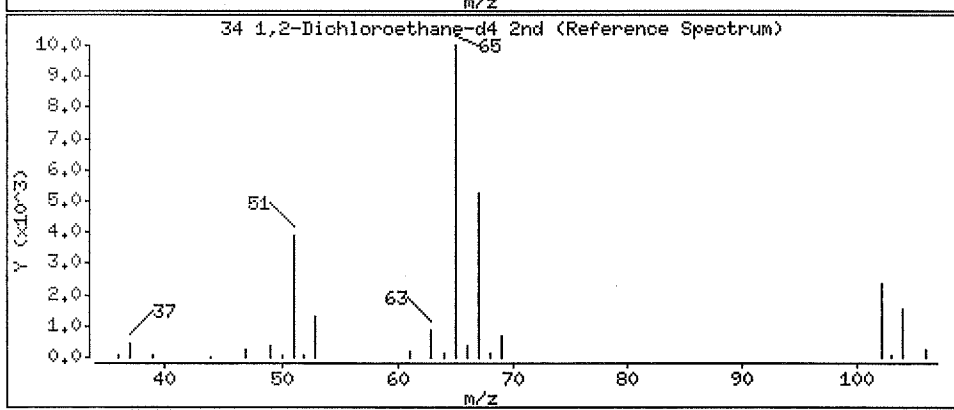
Purge Volume: 25.0 Operator: AD

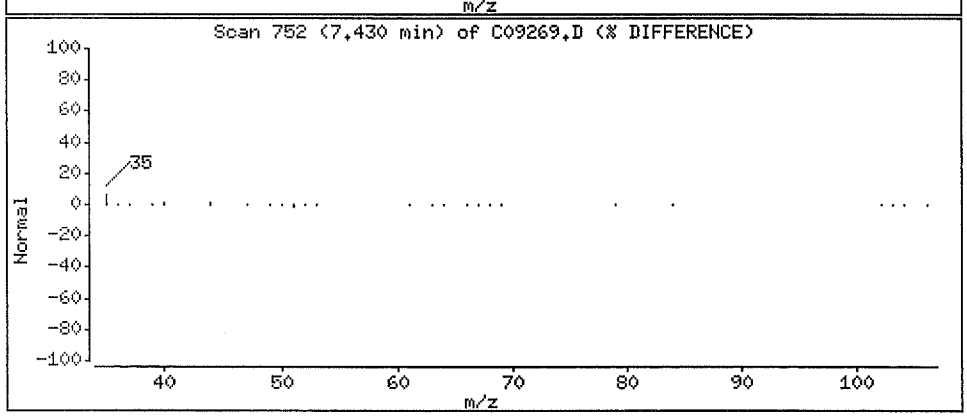
Column phase: J&W DB-624 Column diameter: 0.53

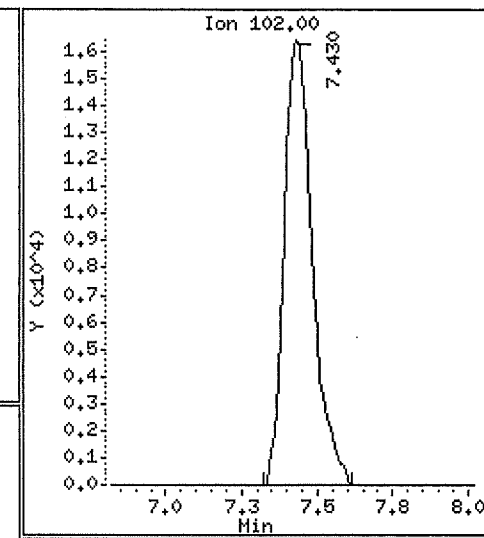
34 1,2-Dichloroethane-d4 2nd Concentration: 10.31 ug/L

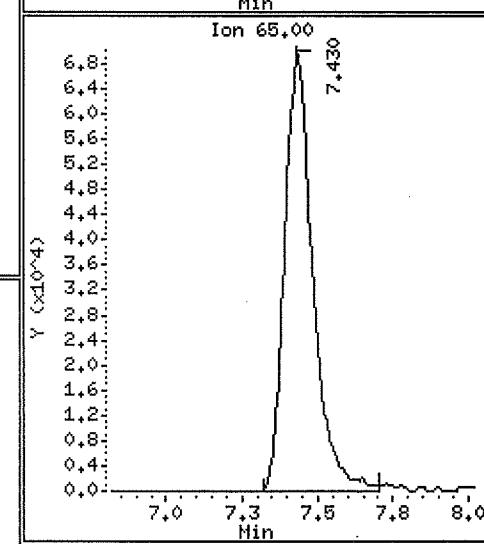












Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09269.D

Date : 28-SEP-2000 02:04

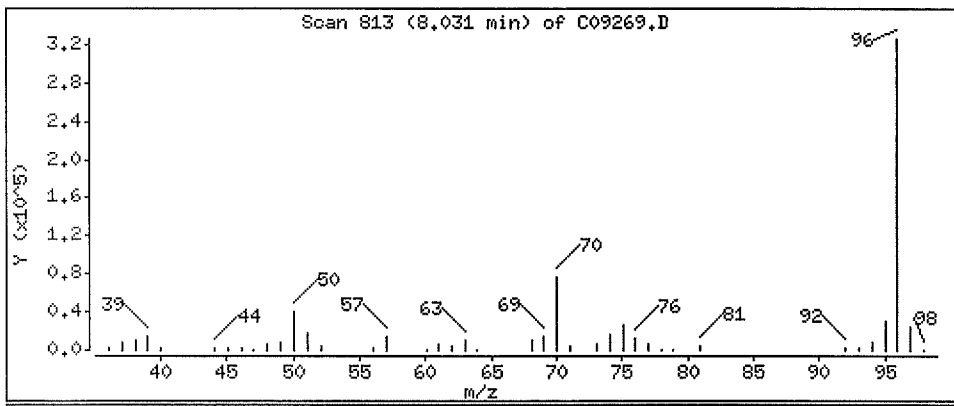
Client ID: C09269 Instrument: mc.i

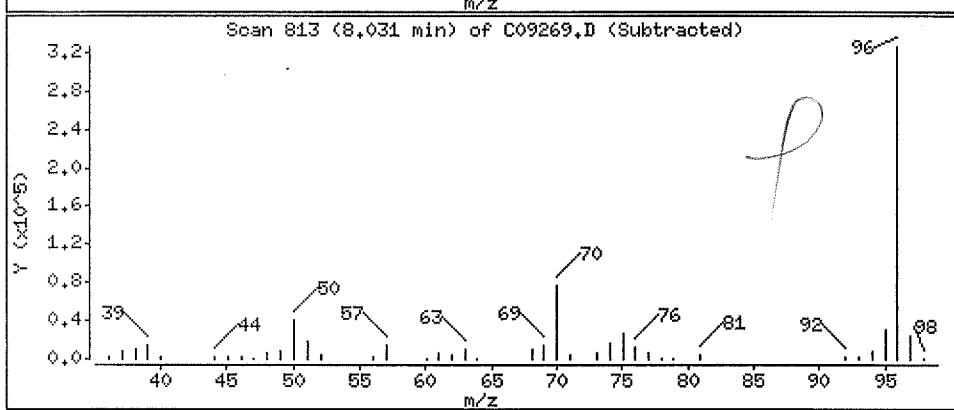
Sample Info: DL3HL101,,1,,0,1,0,8260BCL.M,C09269

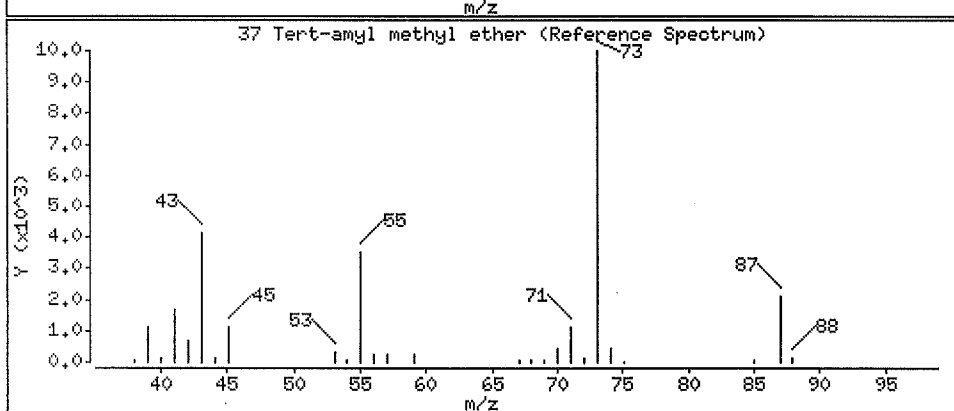
Purge Volume: 25.0 Operator: AD

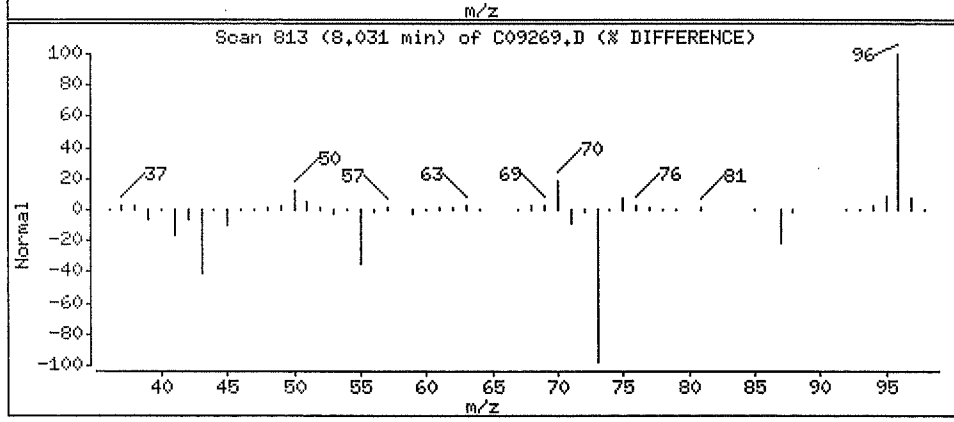
Column phase: J&W DB-624 Column diameter: 0.53

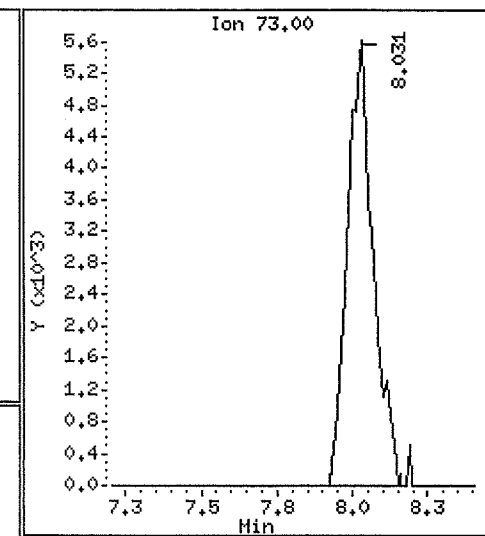
37 Tert-amyl methyl ether Concentration: 0.422 ug/L

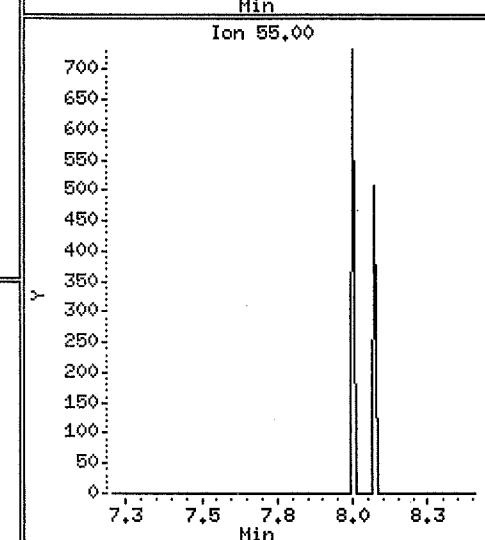


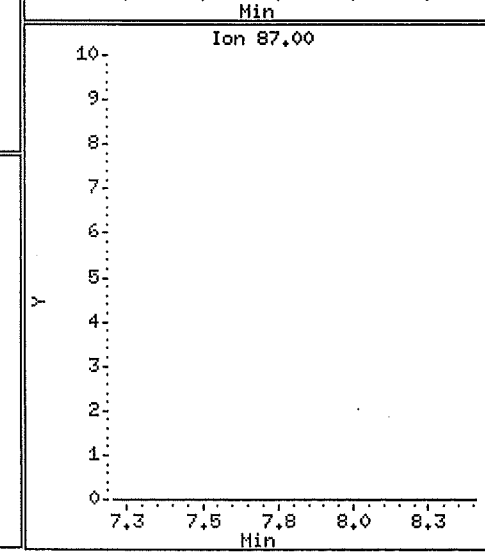












Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09269.D

Date : 28-SEP-2000 02:04

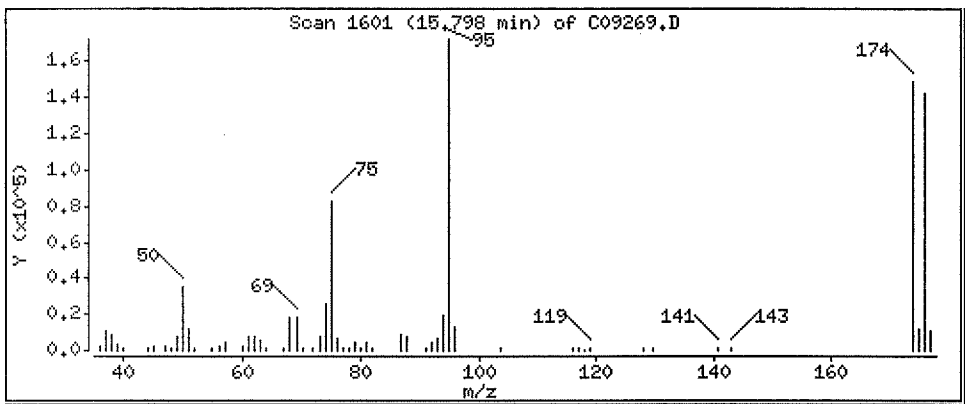
Client ID: C09269 Instrument: mc.i

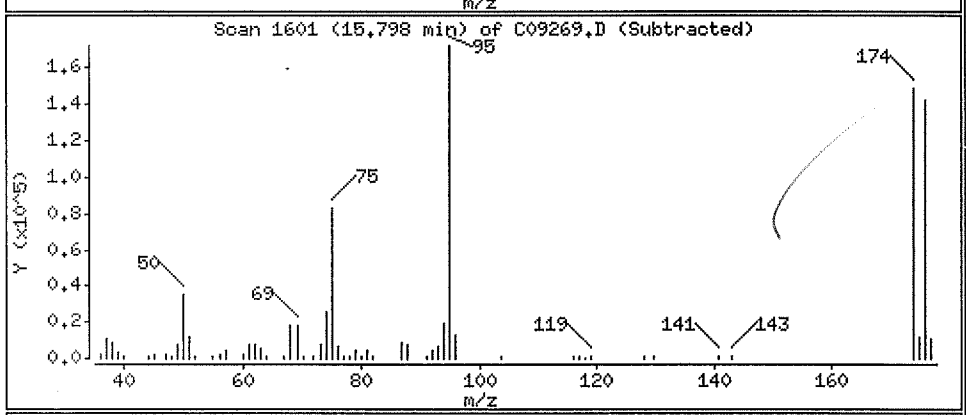
Sample Info: DL3HL101,,1,,0,1,0,8260BCL.M,C09269

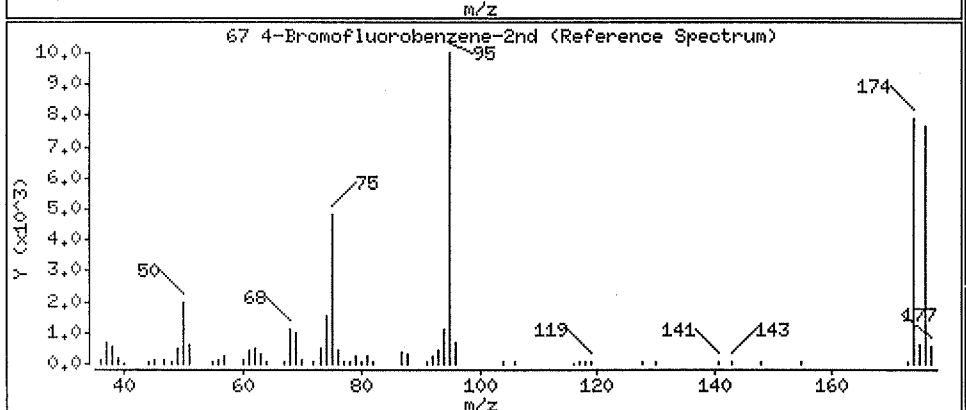
Purge Volume: 25.0 Operator: AD

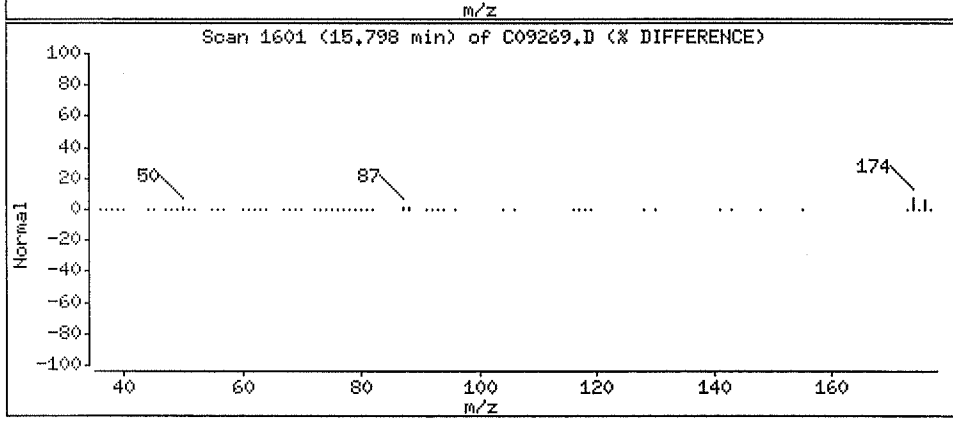
Column phase: J&W DB-624 Column diameter: 0.53

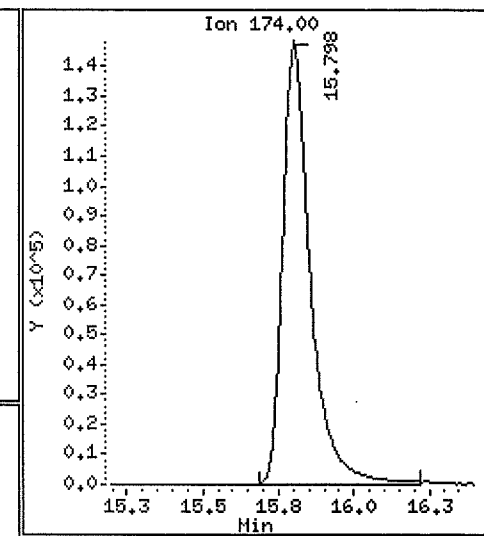
67 4-Bromofluorobenzene-2nd Concentration: 10.31 ug/L

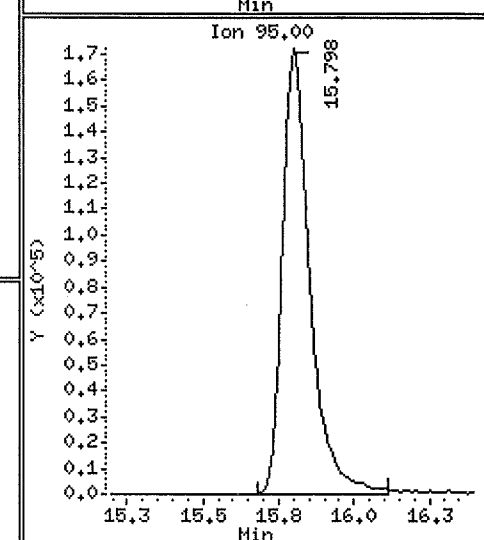


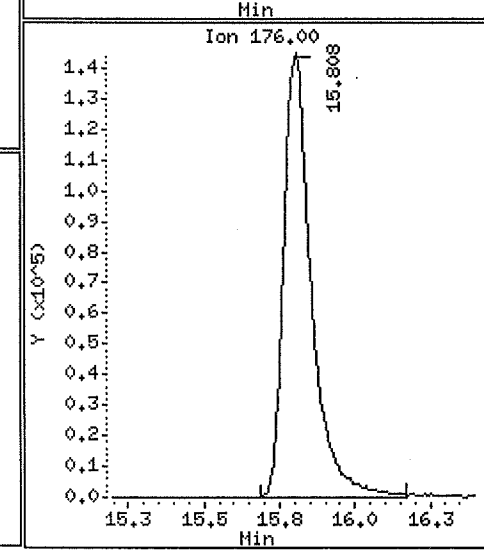












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\0927BC.B\C09270.D
Lab Smp Id: DL3HM101 Client Smp ID: C09270
Inj Date : 28-SEP-2000 02:34
Operator : AD Inst ID: mc.i
Smp Info : DL3HM101,,1,,0,1,0,8260BCL.M,C09270
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:16 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 16
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)
11 Acetone	43	3.547	3.525	(0.442)	11673	3.48705	3.49(a)
14 Acrylonitrile	53	7.430	7.418	(0.926)	47319	84.8587	84.86(Q)
$ 29 Dibromofluoromethane	111	6.888	6.886	(0.859)	985581	10.6594	10.66
$ 33 1,2-Dichloroethane-d4	65	7.430	7.418	(0.926)	384167	10.5701	10.57
34 1,2-Dichloroethane-d4 2nd	102	7.440	7.418	(0.927)	90533	10.1214	10.12(Q)
37 Tert-amyl methyl ether	73	8.012	7.803	(0.999)	27509	0.40251	0.402(a)
* 38 Fluorobenzene	96	8.021	8.009	(1.000)	1932602	10.0000	
$ 47 Toluene-d8	98	10.820	10.818	(0.802)	1586767	9.66596	9.66
* 56 Chlorobenzene-d5	117	13.491	13.479	(1.000)	1429414	10.0000	
$ 66 4-Bromofluorobenzene	95	15.798	15.796	(1.171)	921792	9.77673	9.78
67 4-Bromofluorobenzene-2nd	174	15.808	15.796	(1.172)	789859	9.89399	9.89
* 79 1,4-Dichlorobenzene-d4	152	18.124	18.112	(1.000)	824107	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

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\CHEM\MC.I\0927BC.B\C09270.D
Lab Smp Id: DL3HM101 Client Smp ID: C09270
Inj Date : 28-SEP-2000 02:34
Operator : AD Inst ID: mc.i
Smp Info : DL3HM101,,1,,0,1,0,8260BCL.M,C09270
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:16 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 16
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: DL3HM101
Operator : AD
Sample Location:
Sample Matrix: WATER
Analysis Type: VOA

Client SDG: SDGa96339
Client Smp ID: C09270
Sample Date:
Sample Point:
Date Received:
Level: LOW

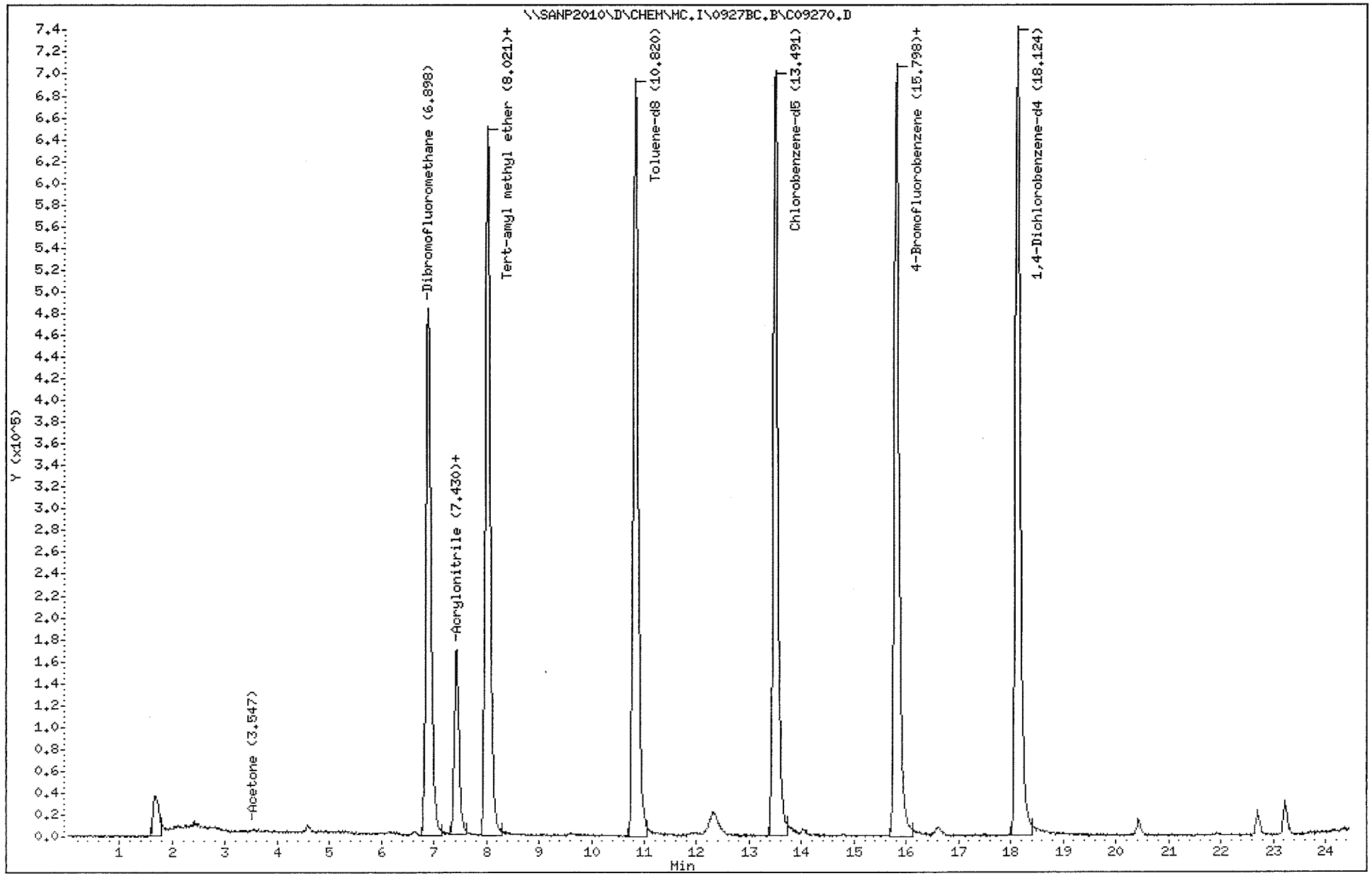
Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09270.D
Date : 28-SEP-2000 02:34
Client ID: C09270
Sample Info: DL3HM101,,1,,0,1,0,8260BCL.M,C09270
Purge Volume: 25.0
Column phase: J&W DB-624

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



000556

BOE-C6-0156097

Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09270.D

Date : 28-SEP-2000 02:34

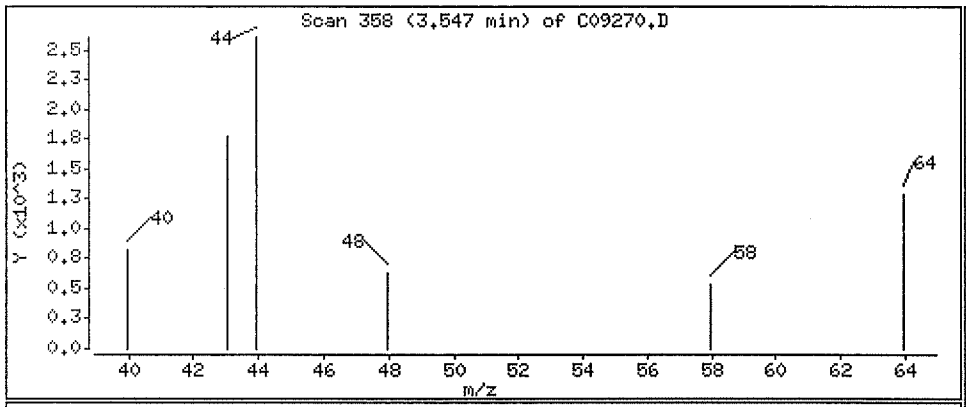
Client ID: C09270 Instrument: mc.i

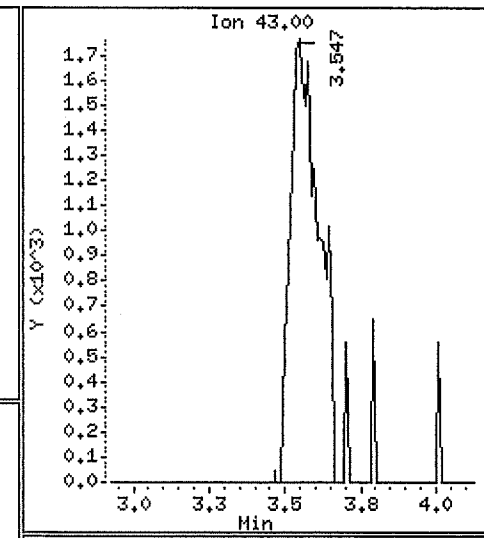
Sample Info: DL3HM101,,1,,0,1,0,8260BCL.M,C09270

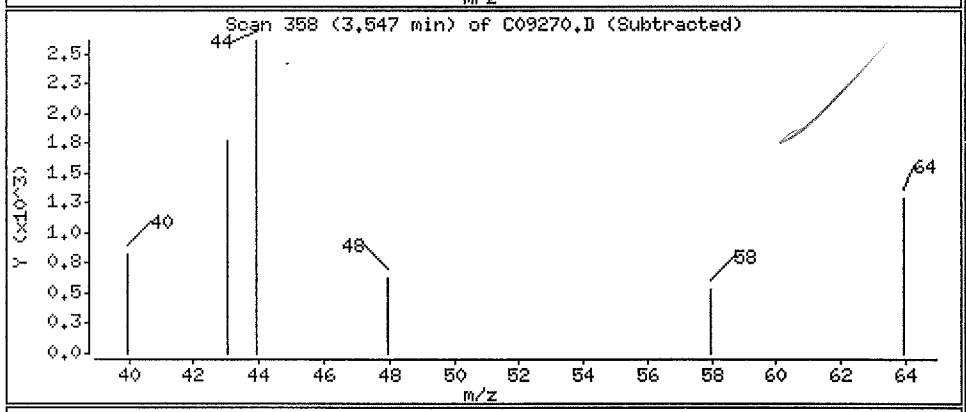
Purge Volume: 25.0 Operator: AD

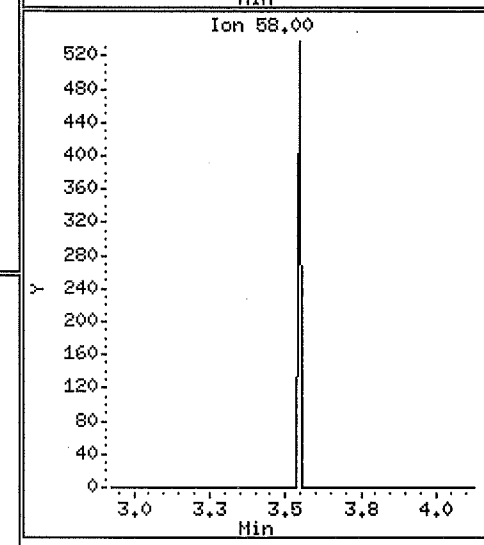
Column phase: J&W DB-624 Column diameter: 0.53

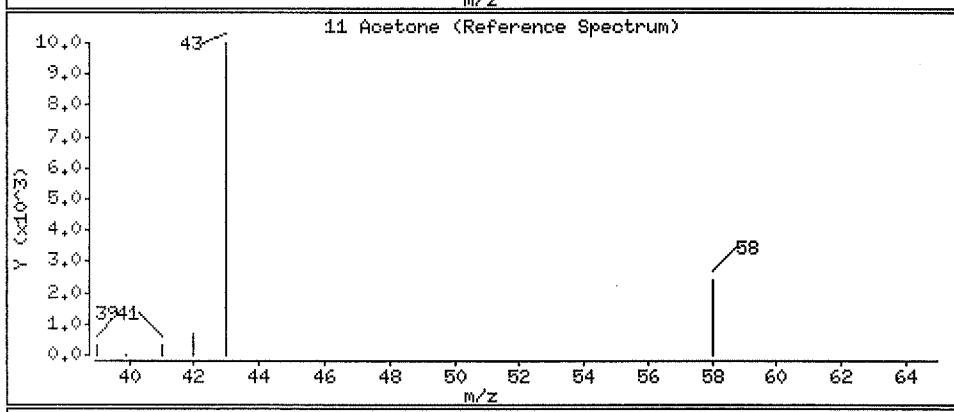
11 Acetone Concentration: 3.49 ug/L

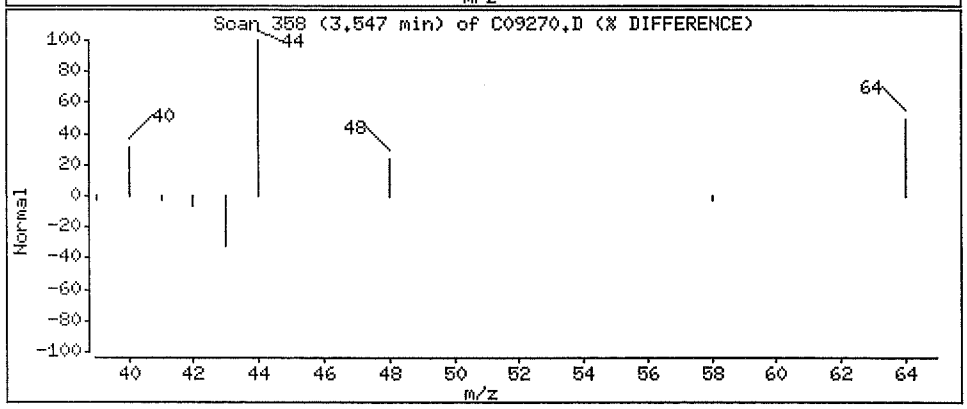












Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09270.D

Date : 28-SEP-2000 02:34

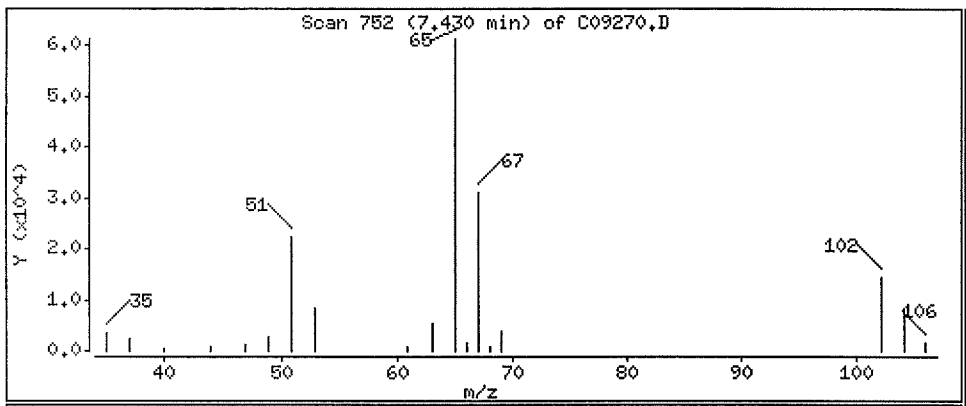
Client ID: C09270 Instrument: mc.i

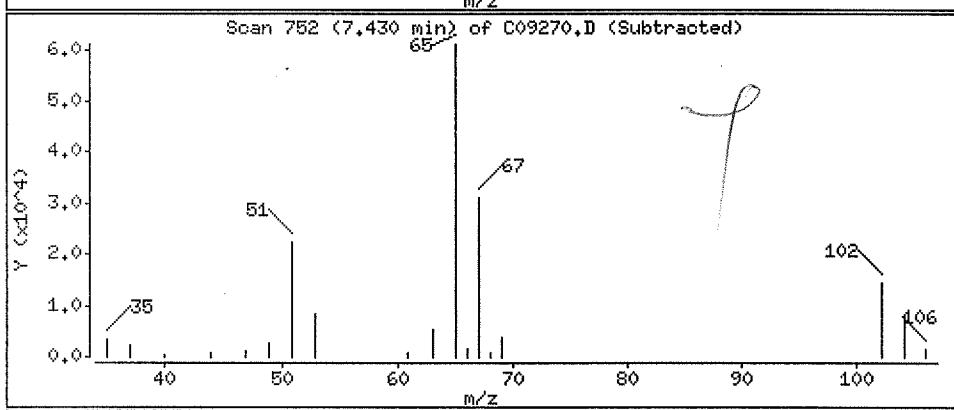
Sample Info: DL3HM101,,1,,0,1,0,8260BCL.M,C09270

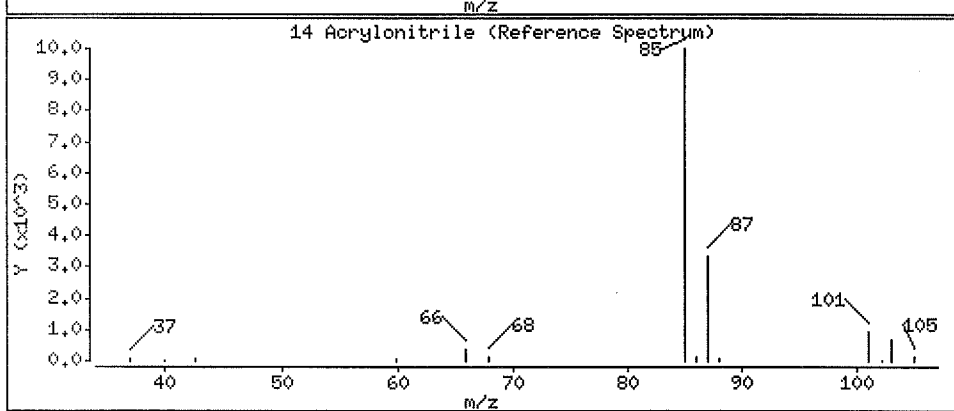
Purge Volume: 25.0 Operator: AD

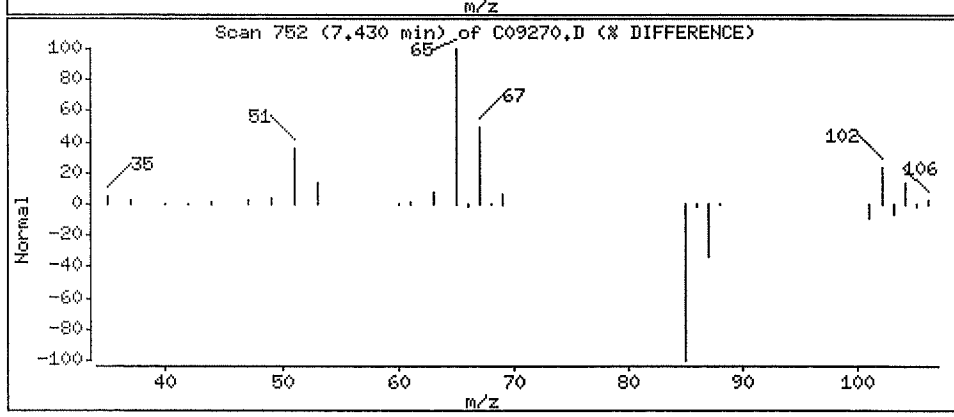
Column phase: J&W DB-624 Column diameter: 0.53

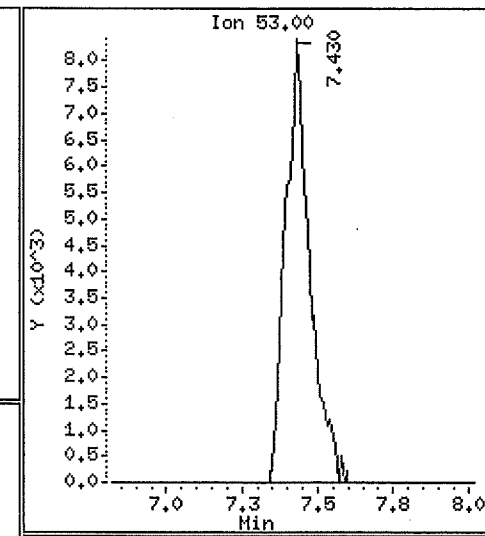
14 Acrylonitrile Concentration: 84.86 ug/L

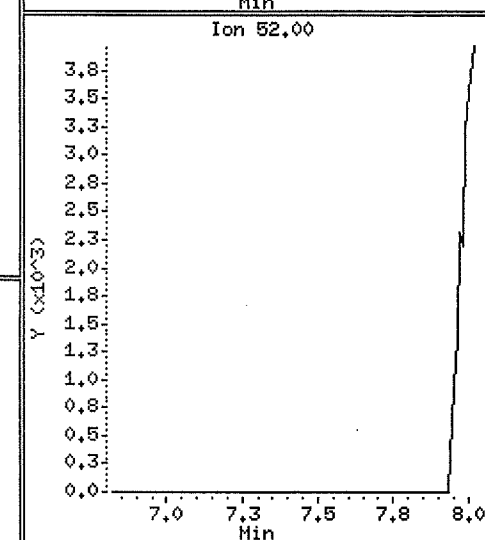


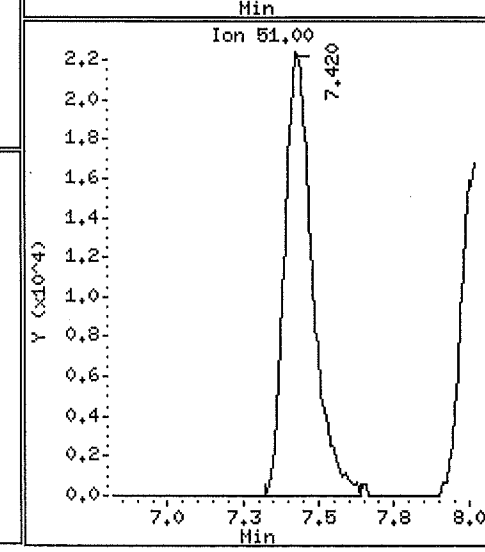












Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09270.D

Date : 28-SEP-2000 02:34

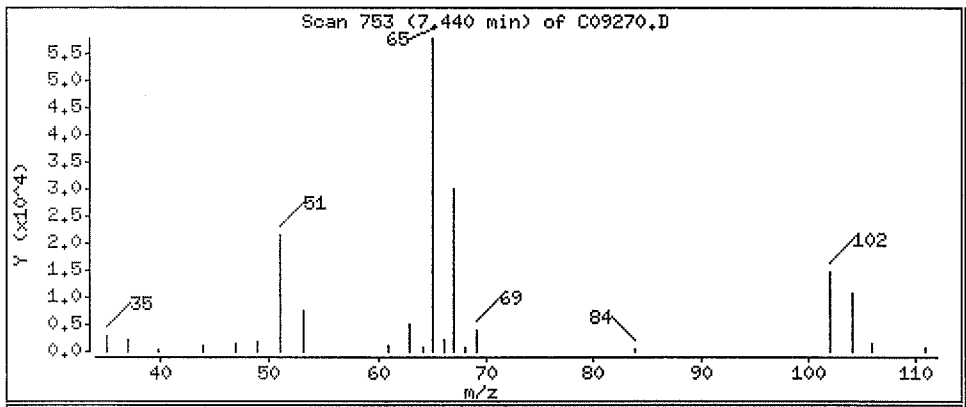
Client ID: C09270 Instrument: mc.i

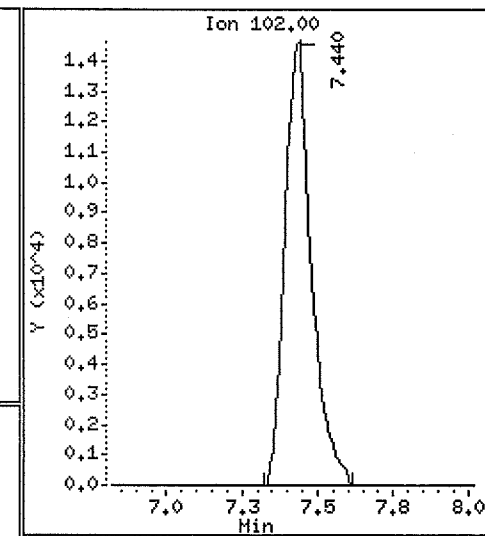
Sample Info: DL3HM101,,1,,0,1,0,8260BCL.M,C09270

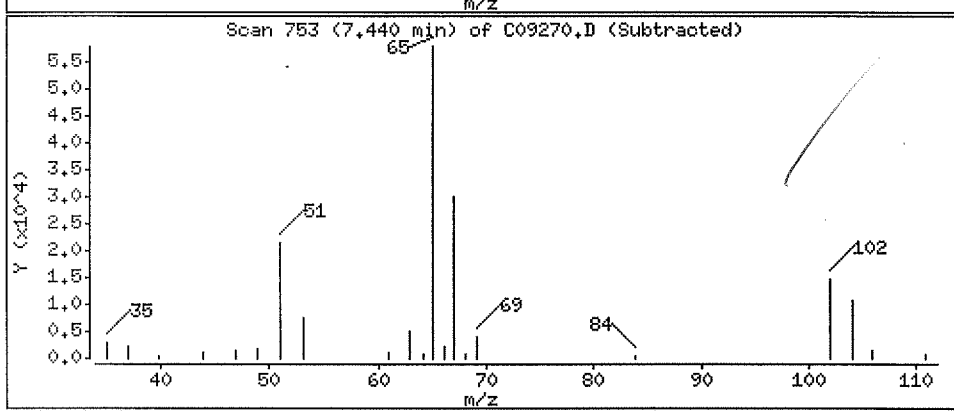
Purge Volume: 25.0 Operator: AD

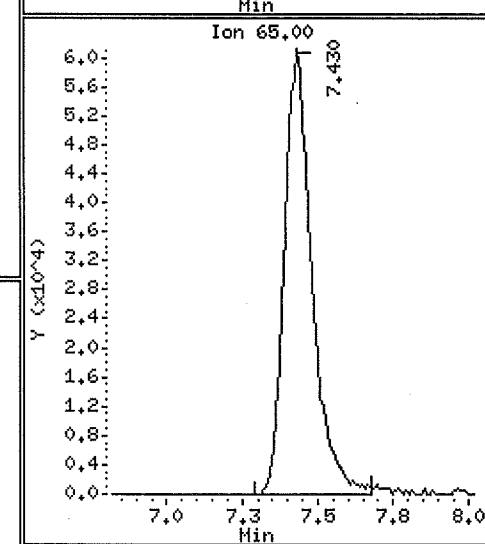
Column phase: J&W DB-624 Column diameter: 0.53

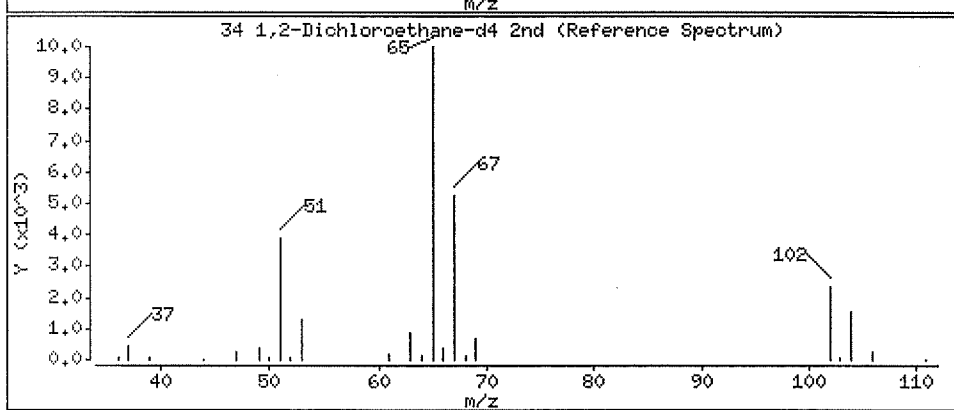
34 1,2-Dichloroethane-d4 2nd Concentration: 10.12 ug/L

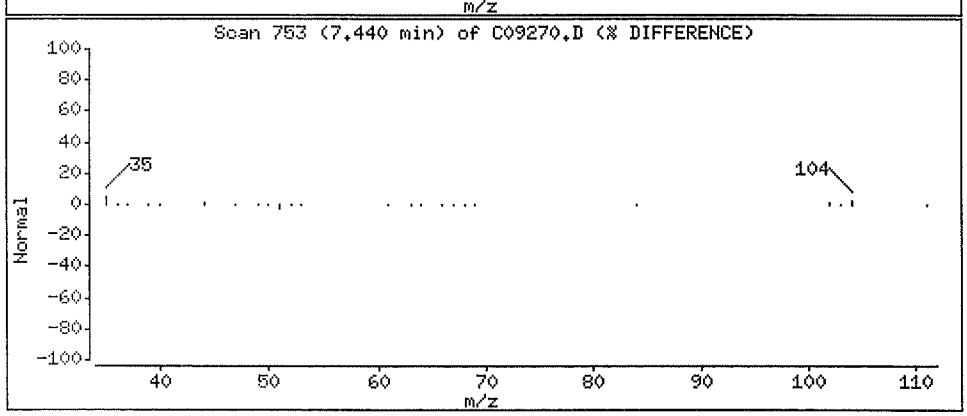












Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09270.D

Date : 28-SEP-2000 02:34

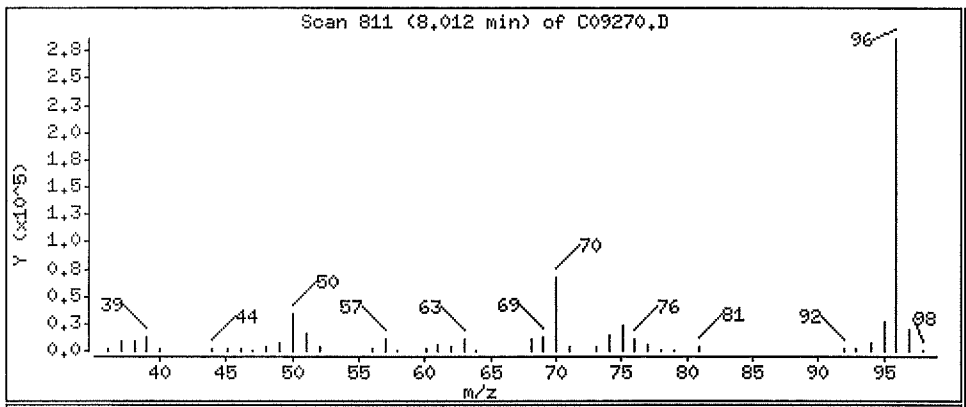
Client ID: C09270 Instrument: mc.i

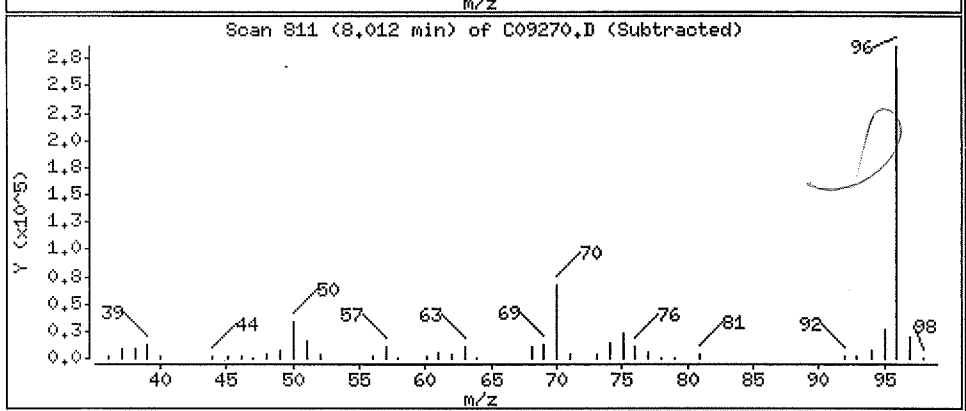
Sample Info: DL3HM101,,1,,0,1,0,8260BCL.M,C09270

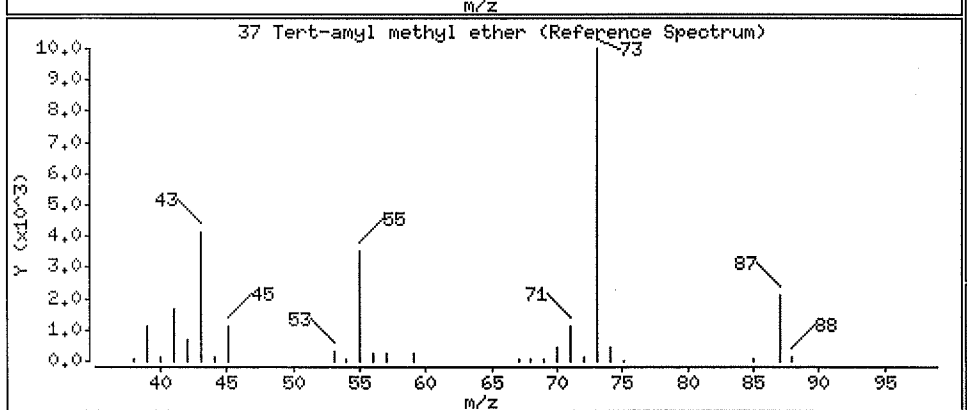
Purge Volume: 25.0 Operator: AD

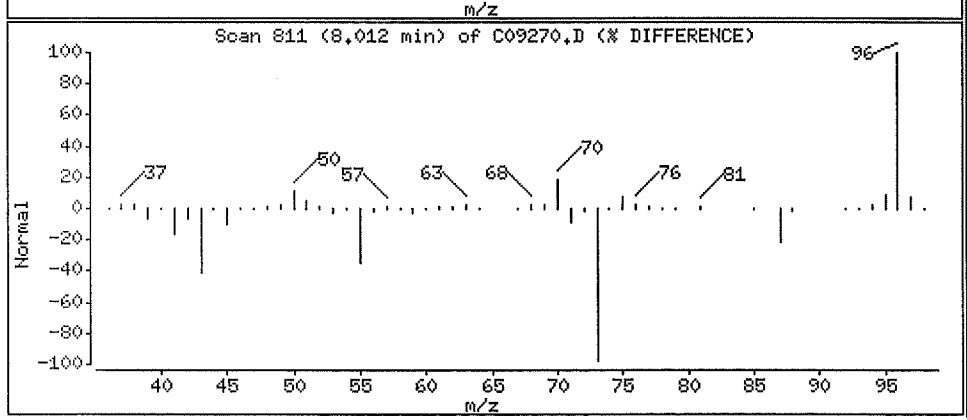
Column phase: J&W DB-624 Column diameter: 0.53

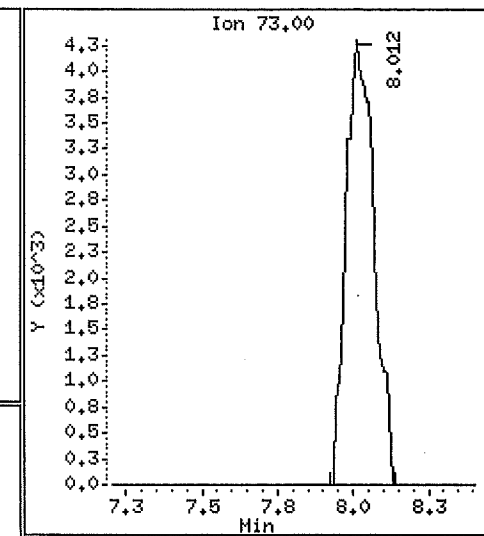
37 Tert-amyl methyl ether Concentration: 0.402 ug/L

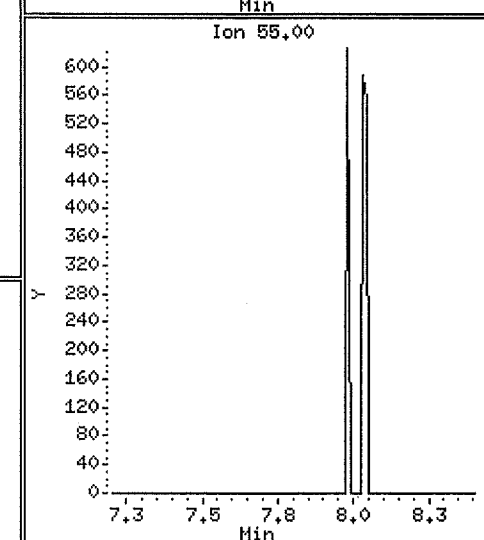


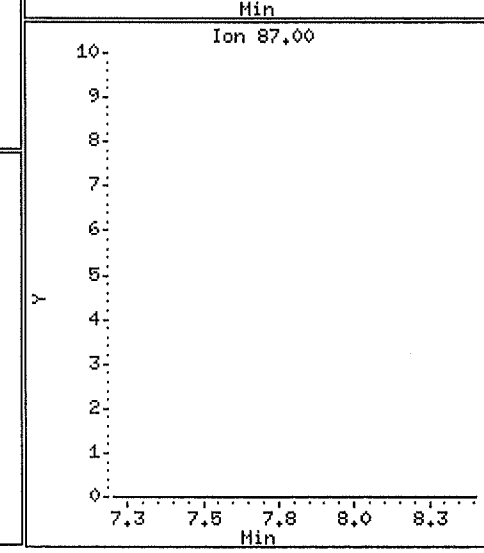












Data File: \\SANP2010\D\CHEM\MC.I\0927BC.B\C09270.D

Date : 28-SEP-2000 02:34

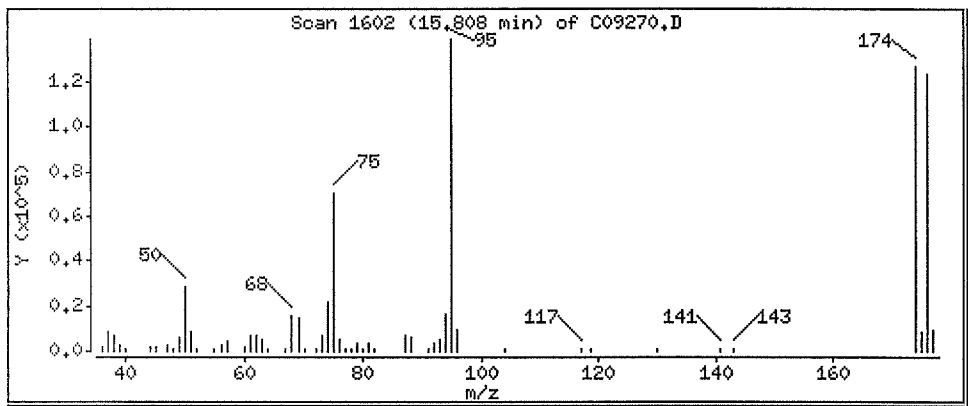
Client ID: C09270 Instrument: mc.i

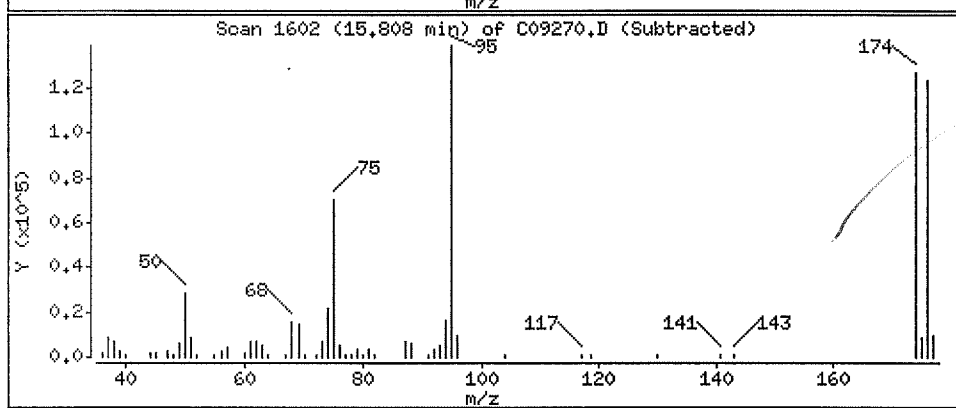
Sample Info: DL3HM101,,1,,0,1,0,8260BCL.M,C09270

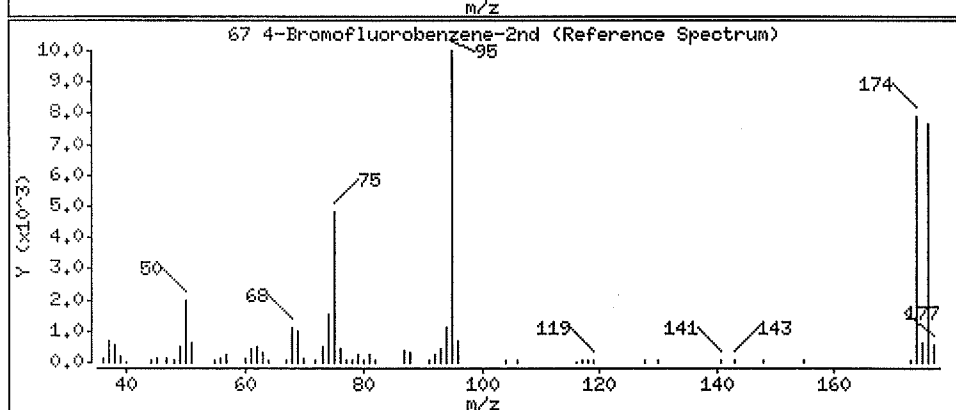
Purge Volume: 25.0 Operator: AD

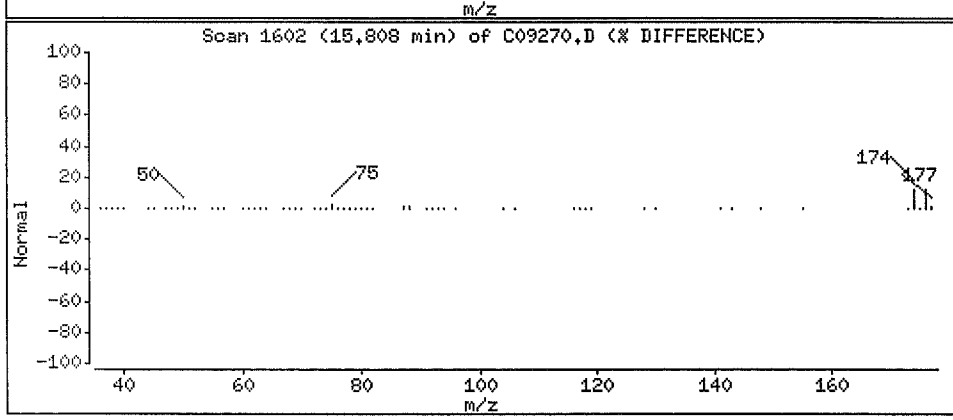
Column phase: J&W DB-624 Column diameter: 0.53

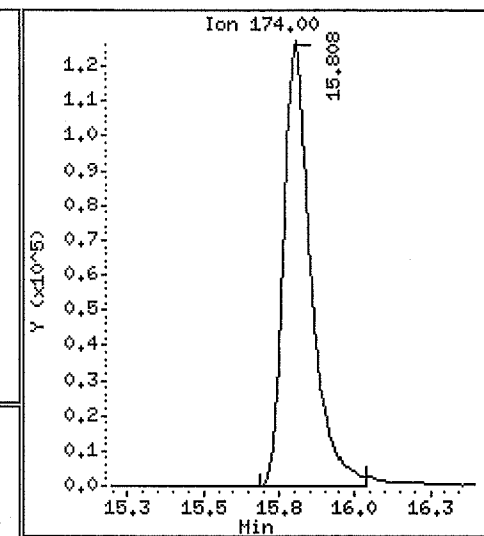
67 4-Bromofluorobenzene-2nd Concentration: 9.89 ug/L

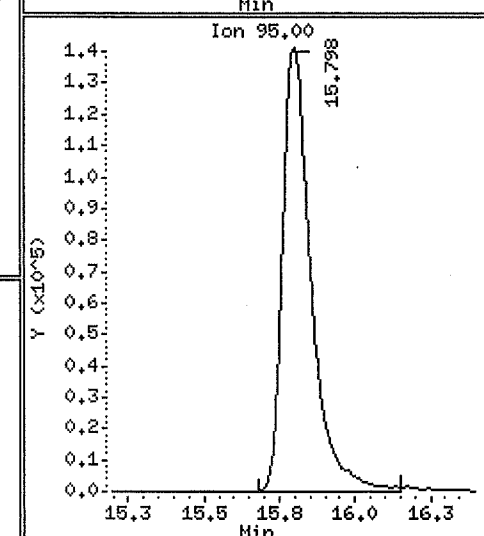


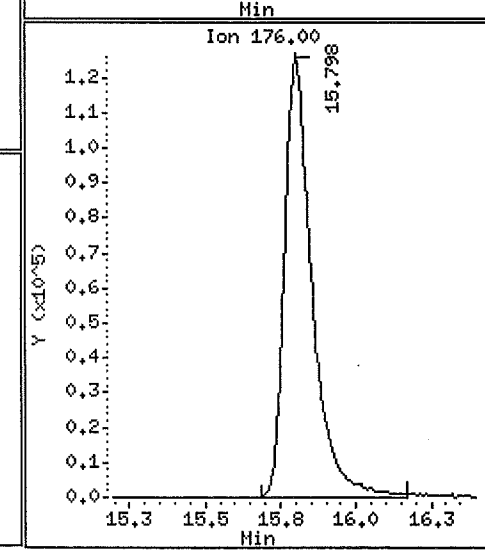












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D
Lab Smp Id: DL3HP101 Client Smp ID: C09261
Inj Date : 27-SEP-2000 22:06
Operator : AD Inst ID: mc.i
Smp Info : DL3HP101,,1,,0,1,0,8260BCL.M,C09261
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:16 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 7
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)
	11 Acetone	43	3.563	3.525	(0.444)	203973	51.7389	51.74
	14 Acrylonitrile	53	7.437	7.418	(0.927)	49402	75.2316	75.23(Q)
	27 Tetrahydrofuran	42	6.599	6.640	(0.823)	14385	5.44219	5.44
$	29 Dibromofluoromethane	111	6.885	6.886	(0.859)	1064469	9.77630	9.78
$	33 1,2-Dichloroethane-d4	65	7.427	7.418	(0.926)	379499	8.86687	8.87
	34 1,2-Dichloroethane-d4 2nd	102	7.417	7.418	(0.925)	96051	9.11871	9.12
	37 Tert-amyl methyl ether	73	7.998	7.803	(0.998)	30341	0.37699	0.377(a)
*	38 Fluorobenzene	96	8.018	8.009	(1.000)	2275842	10.0000	
$	47 Toluene-d8	98	10.817	10.818	(0.802)	1914809	10.5120	10.51
*	56 Chlorobenzene-d5	117	13.488	13.479	(1.000)	1586100	10.0000	
	59 Ethylbenzene (*)	106	13.794	13.785	(1.023)	4195	0.05614	0.0561(aQM)
	60 m,p-Xylenes	106	14.040	14.022	(1.041)	27923	0.30128	0.301(aM)
M	61 Xylenes (total)	100				27923	0.30128	0.301(a)
$	66 4-Bromofluorobenzene	95	15.794	15.796	(1.171)	1030427	9.84930	9.85
	67 4-Bromofluorobenzene-2nd	174	15.804	15.796	(1.172)	870516	9.82712	9.83

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)	
* 79 1,4-Dichlorobenzene-d4	152	18.120	18.112	(1.000)	859163	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.
M - Compound response manually integrated.

STL Los Angeles

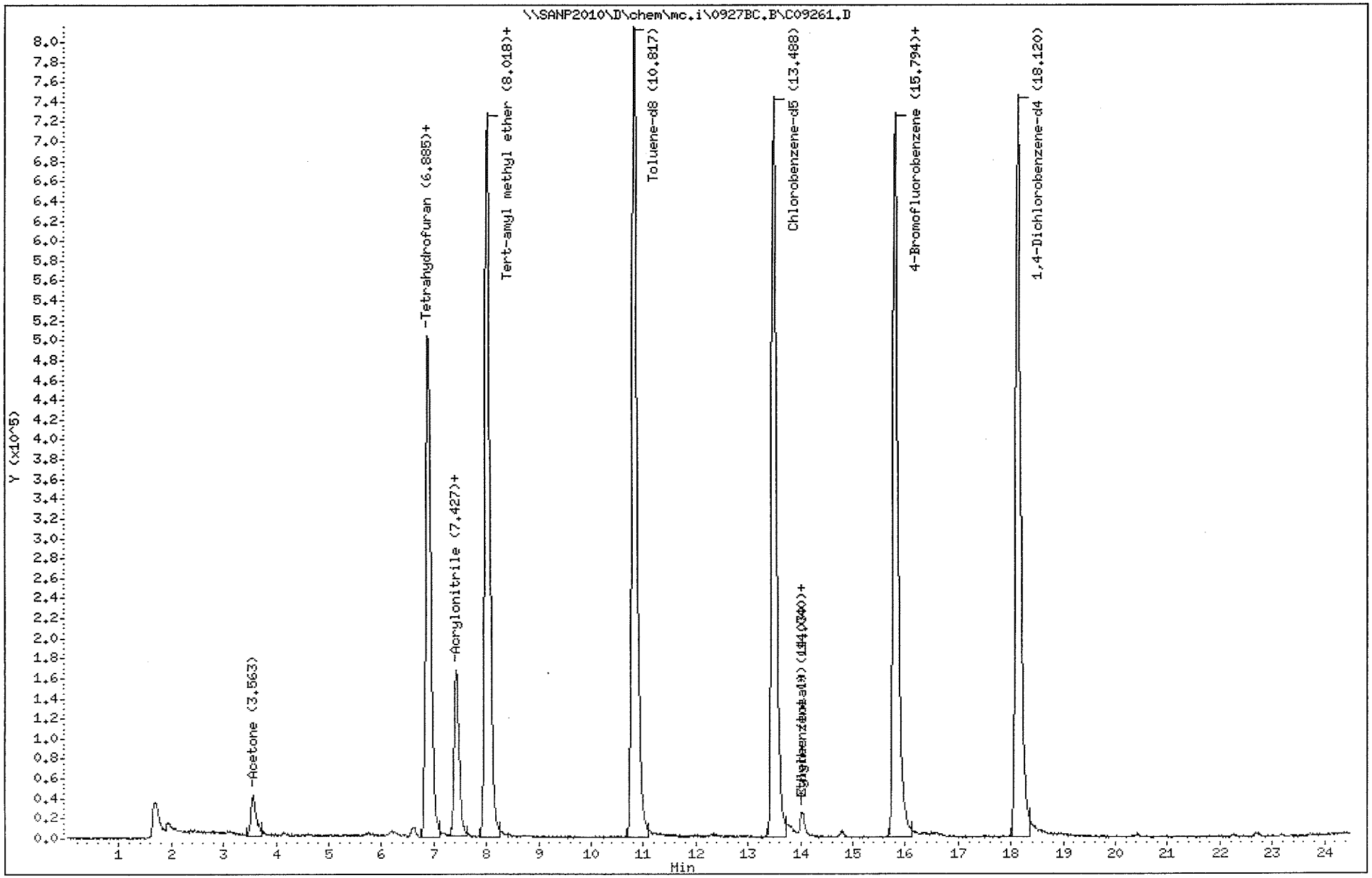
VOLATILE REPORT low level 8260B

Data file : \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D
Lab Smp Id: DL3HP101 Client Smp ID: C09261
Inj Date : 27-SEP-2000 22:06
Operator : AD Inst ID: mc.i
Smp Info : DL3HP101,,1,,0,1,0,8260BCL.M,C09261
Misc Info : ,25,,,0,1-8260B.SUB
Comment :
Method : \\SANP2010\D\CHEM\MC.I\0927BC.B\8260BCL.m
Meth Date : 27-Sep-2000 22:16 DONGA Quant Type: ISTD
Cal Date : 27-SEP-2000 19:58 Cal File: CS2014.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-8260B.SUB
Target Version: 4.00
Processing Host: SANP2010

.- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D
Date : 27-SEP-2000 22:06
Client ID: C09261
Sample Info: DL3HP101,,1,,0,1,0,8260BCL.M,C09261
Purge Volume: 25.0
Column phase: J&W DB-624

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



000565

BOE-C6-0156106

Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D

Date : 27-SEP-2000 22:06

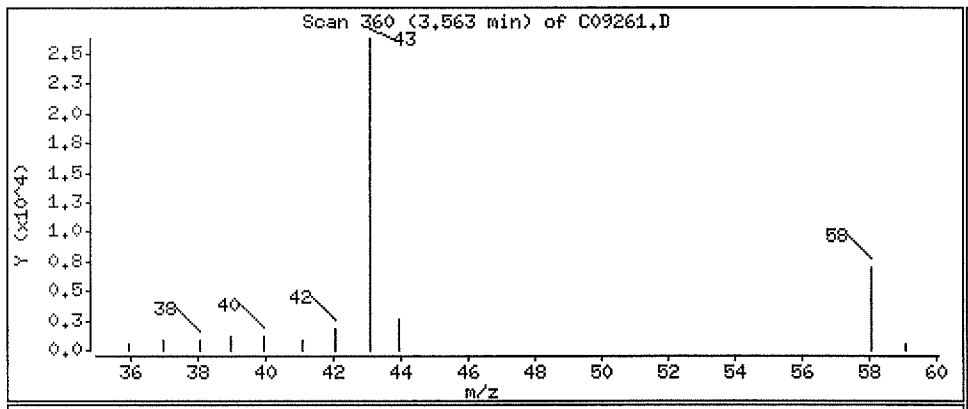
Client ID: C09261 Instrument: mc.i

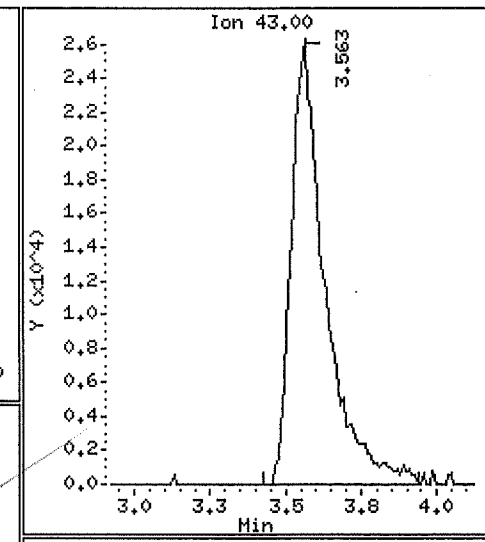
Sample Info: DL3HP101,,1,,0,1,0,8260BCL.M,C09261

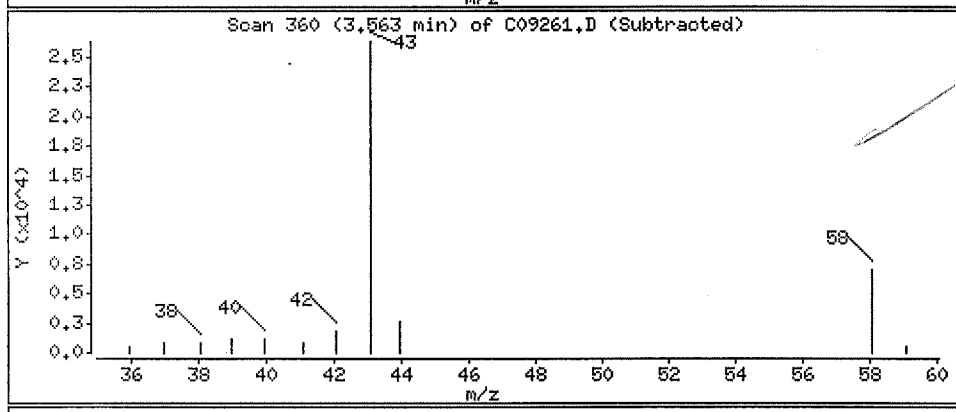
Purge Volume: 25.0 Operator: AD

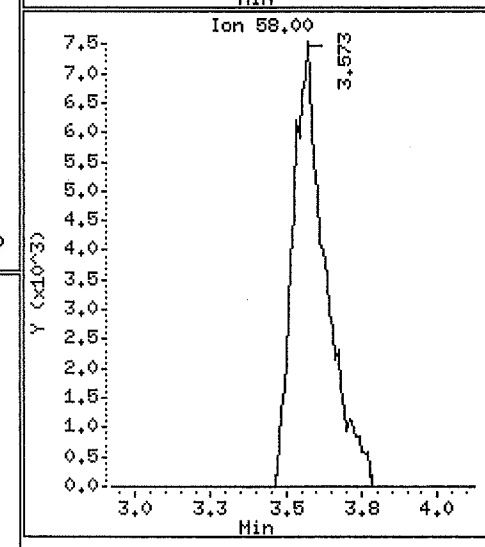
Column phase: J&W DB-624 Column diameter: 0.53

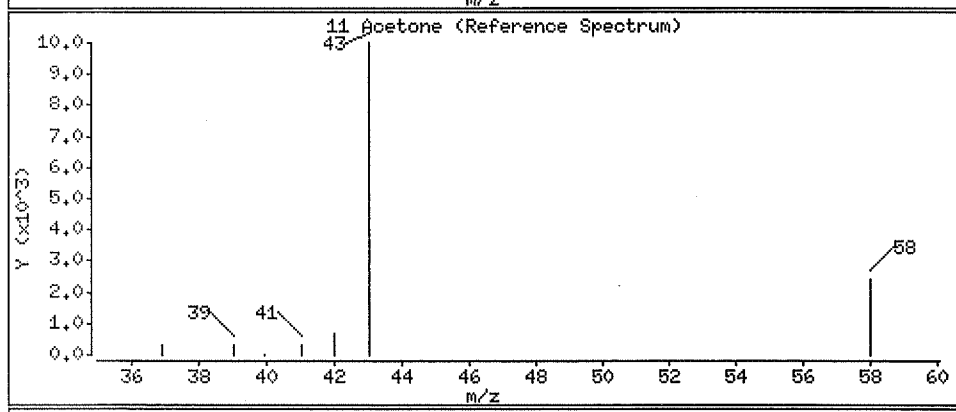
11 Acetone Concentration: 51.74 ug/L

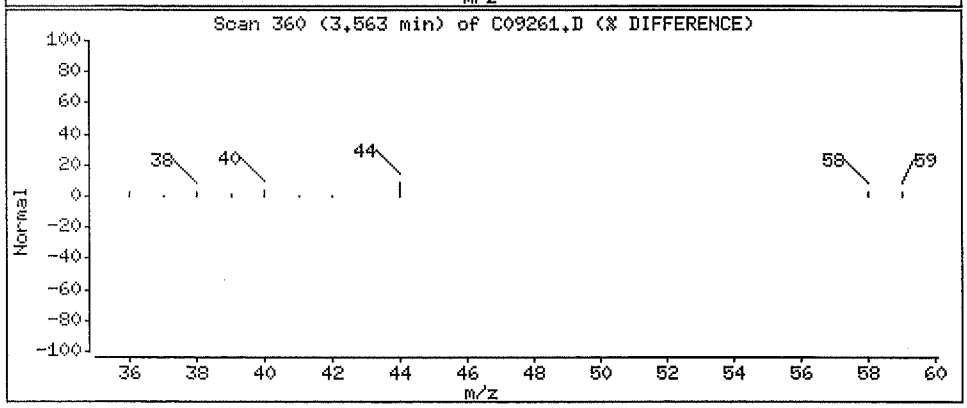












Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D

Date : 27-SEP-2000 22:06

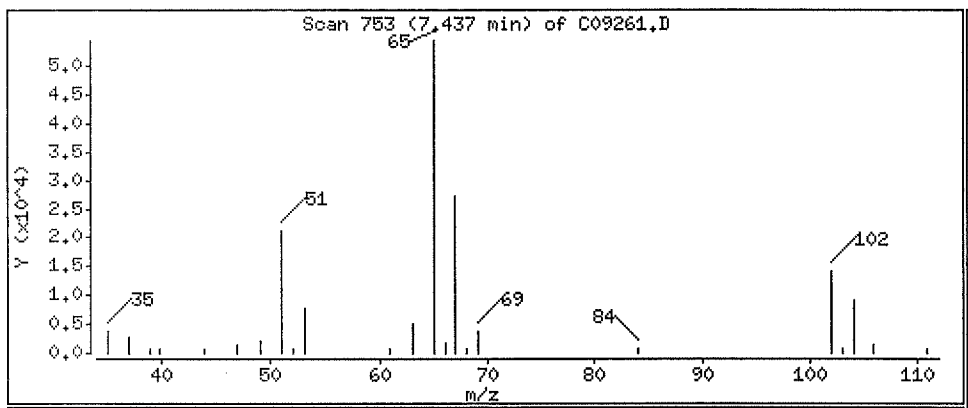
Client ID: C09261 Instrument: mc.i

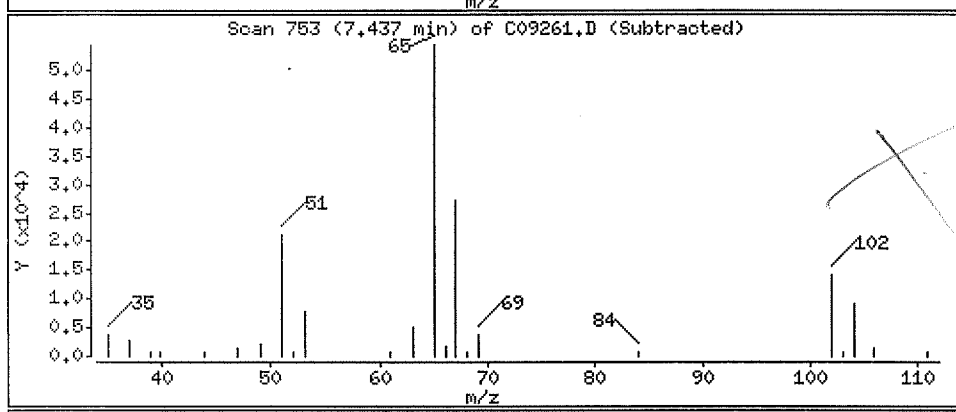
Sample Info: DL3HP101,,1,,0,1,0,8260BCL.M,C09261

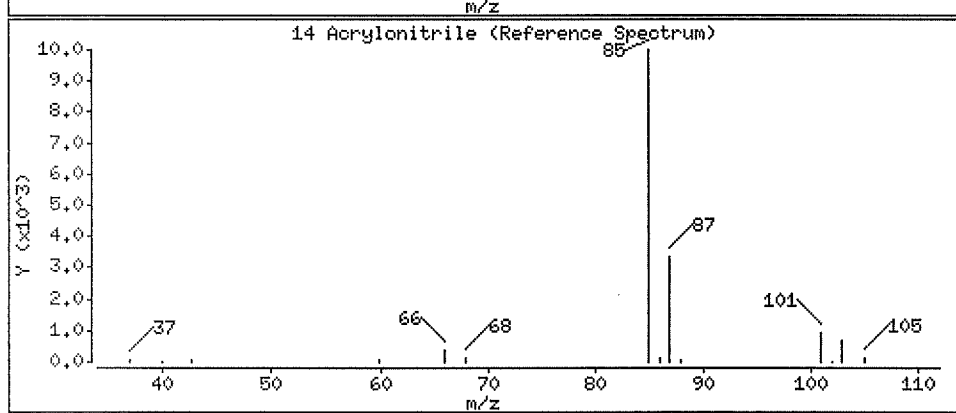
Purge Volume: 25.0 Operator: AD

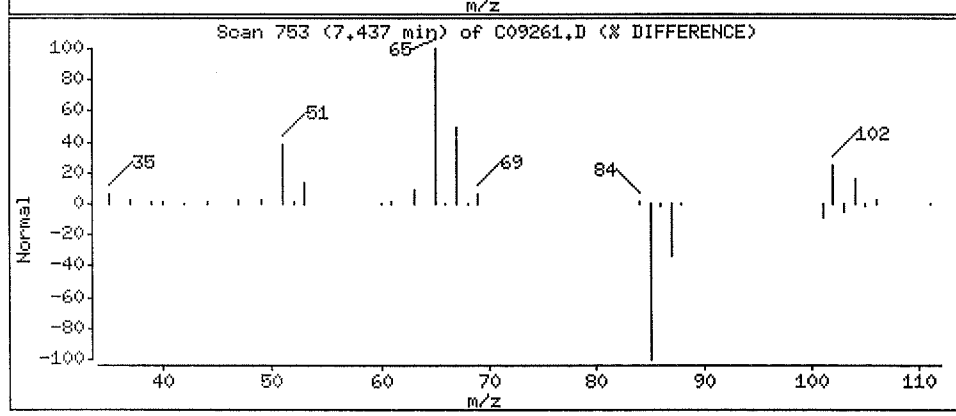
Column phase: J&W DB-624 Column diameter: 0.53

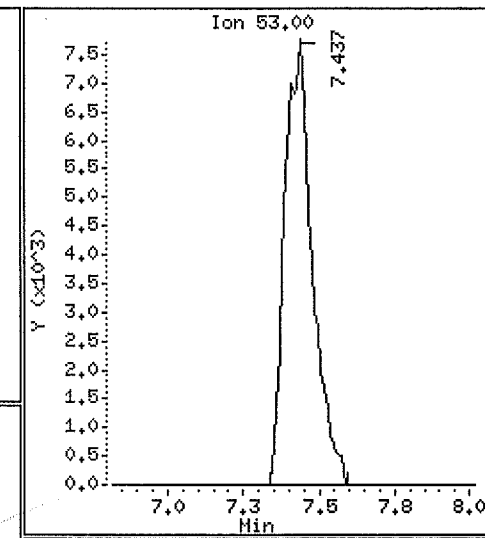
14 Acrylonitrile Concentration: 75.23 ug/L

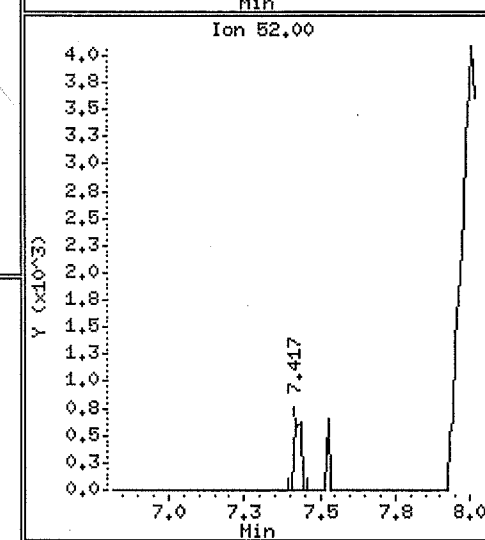


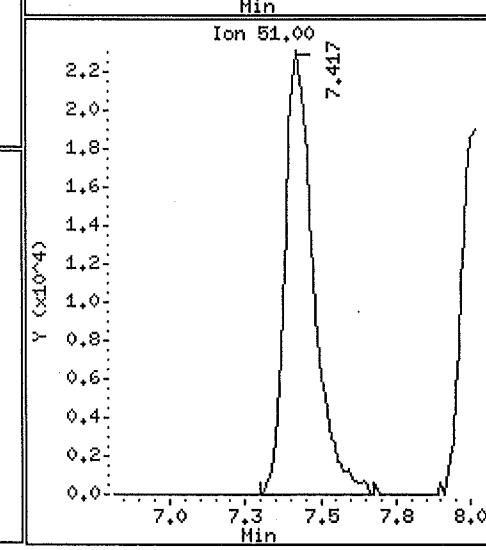












Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D

Date : 27-SEP-2000 22:06

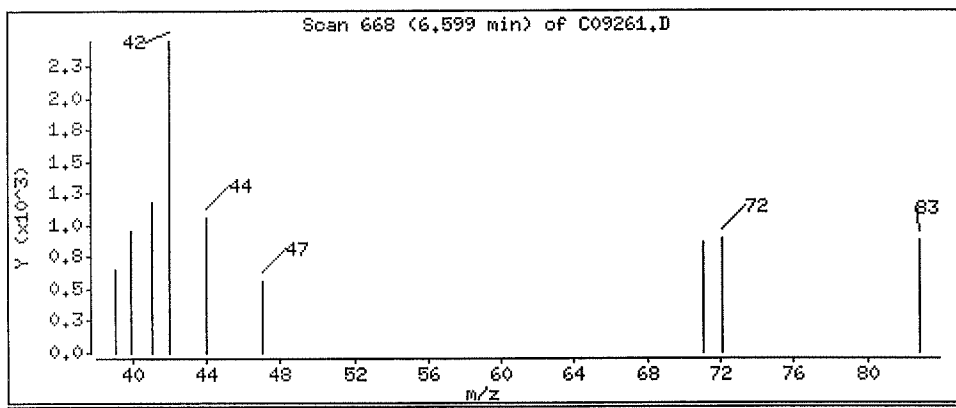
Client ID: C09261 Instrument: mc.i

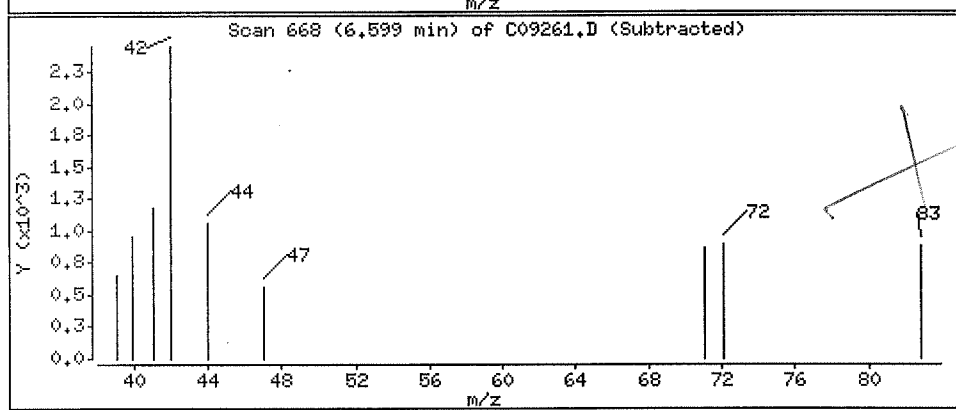
Sample Info: DL3HP101,,1,,0,1,0,8260BCL.M,C09261

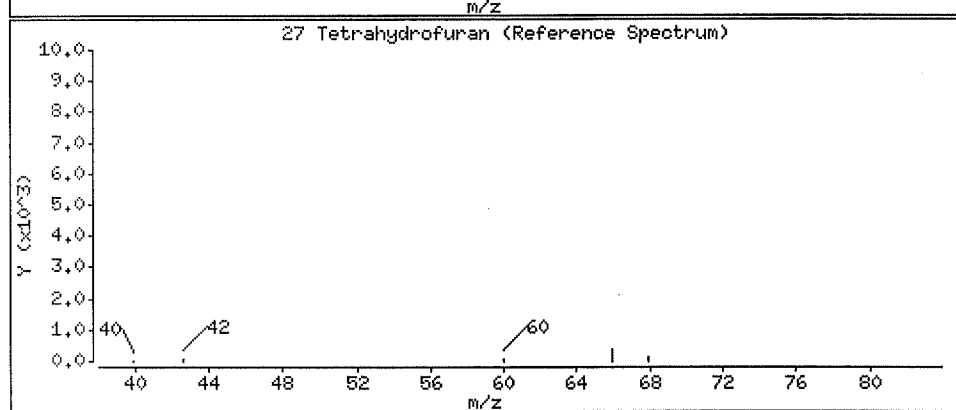
Purge Volume: 25.0 Operator: AD

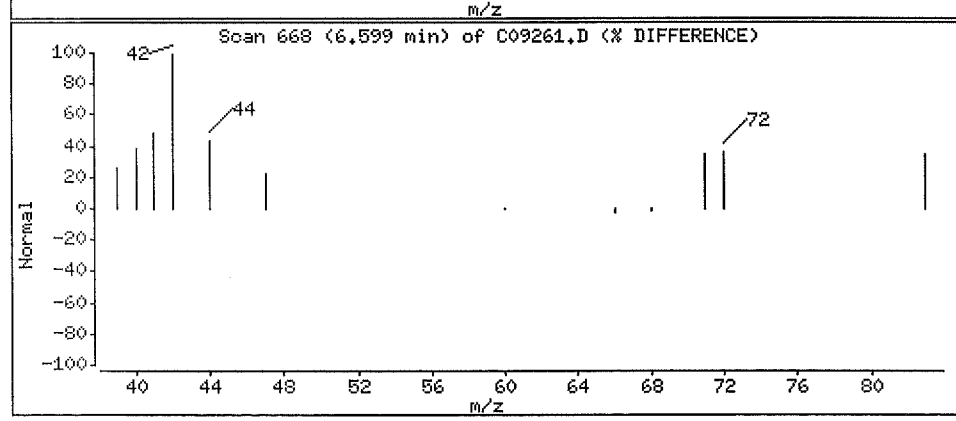
Column phase: J&W DB-624 Column diameter: 0.53

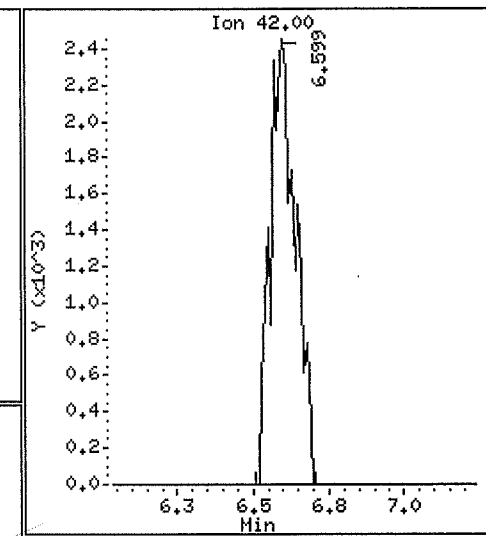
27 Tetrahydrofuran Concentration: 5.44 ug/L

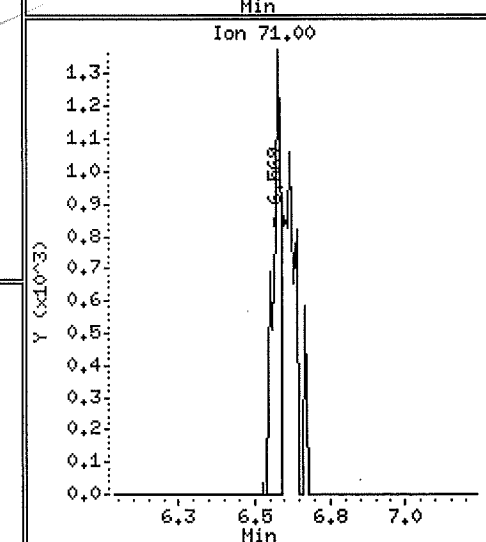


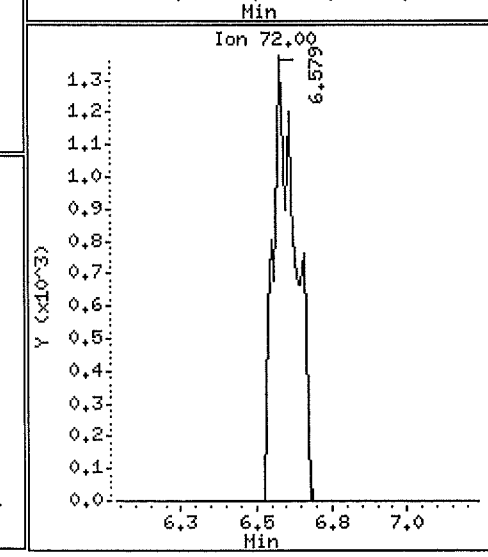












Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D

Date : 27-SEP-2000 22:06

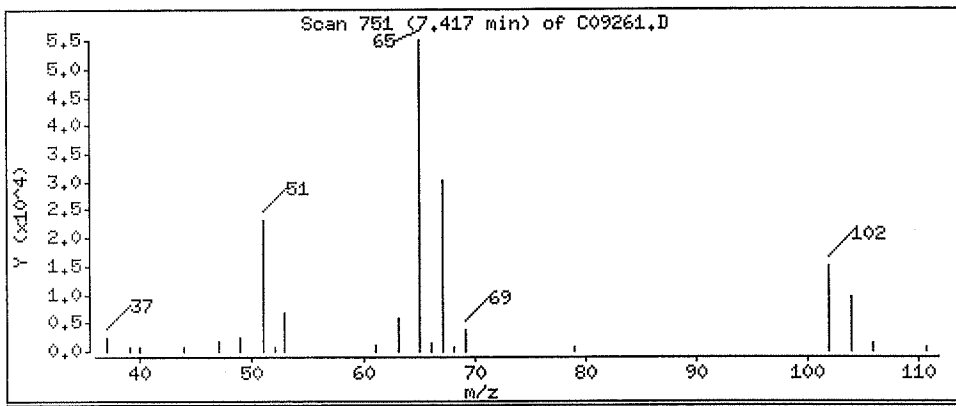
Client ID: C09261 Instrument: mc.i

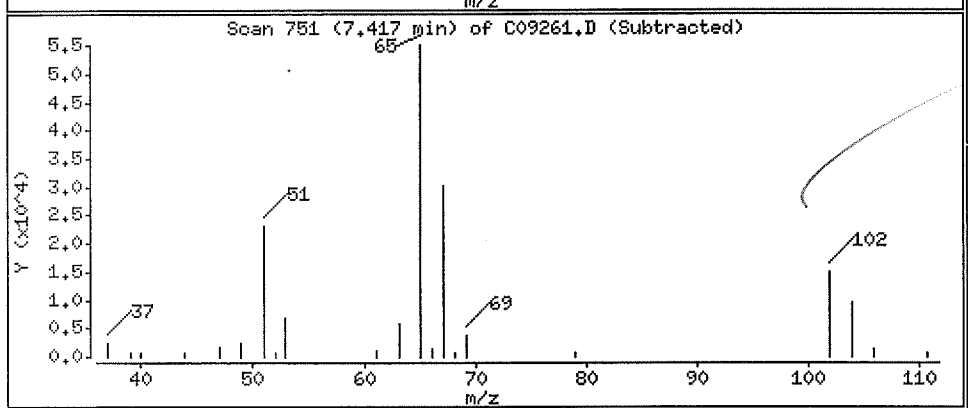
Sample Info: DL3HP101,,1,,0,1,0,8260BCL,M,C09261

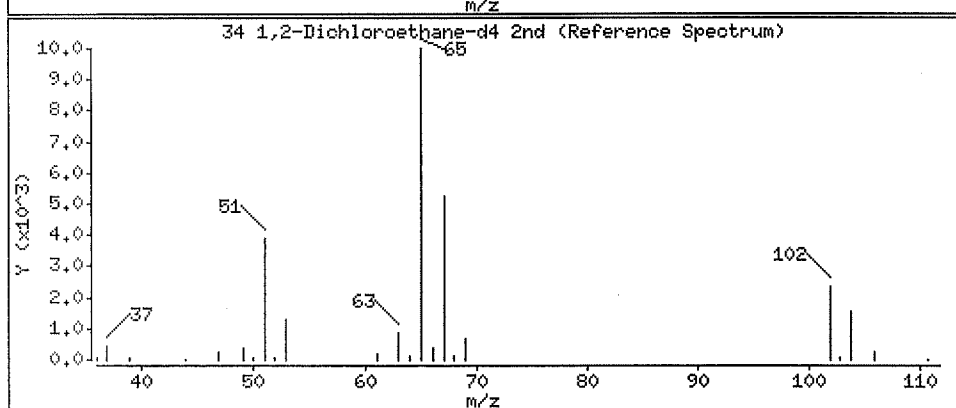
Purge Volume: 25.0 Operator: AD

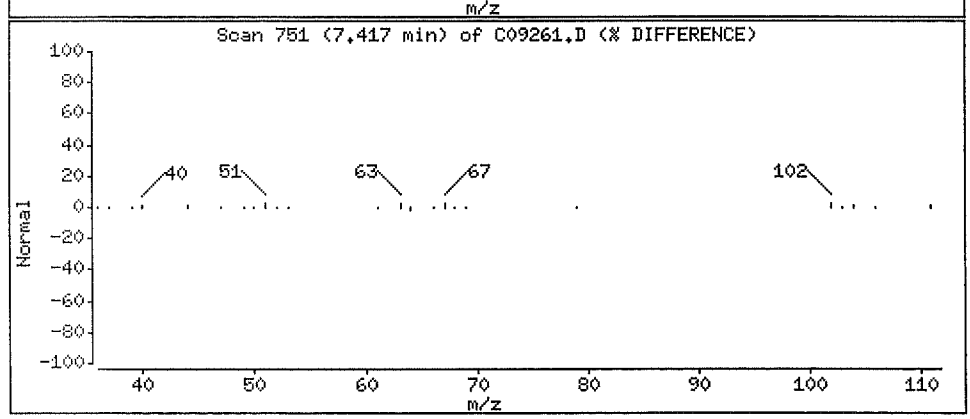
Column phase: J&W DB-624 Column diameter: 0.53

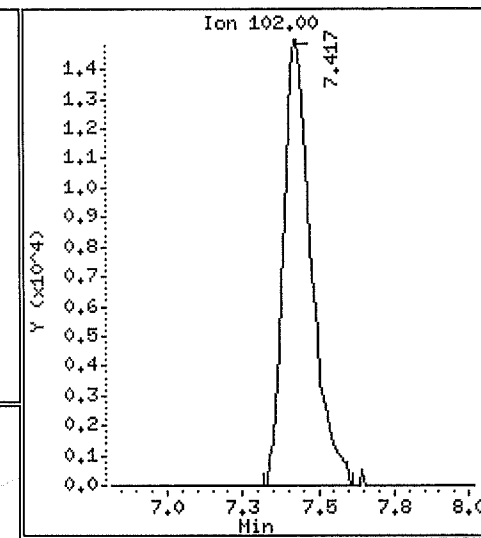
34 1,2-Dichloroethane-d4 2nd Concentration: 9.12 ug/L

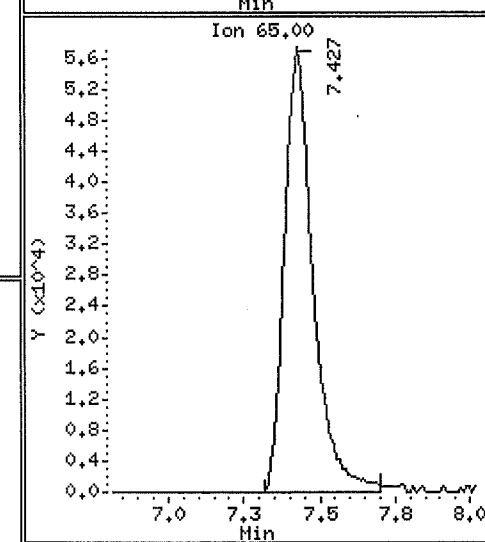












Data File: \\SANP2010\D\chem\mo.i\0927BC.B\C09261.D

Date : 27-SEP-2000 22:06

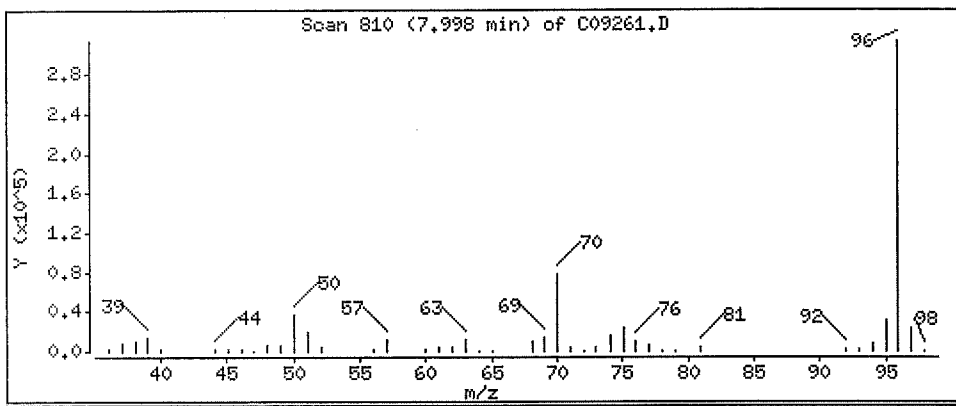
Client ID: C09261 Instrument: mo.i

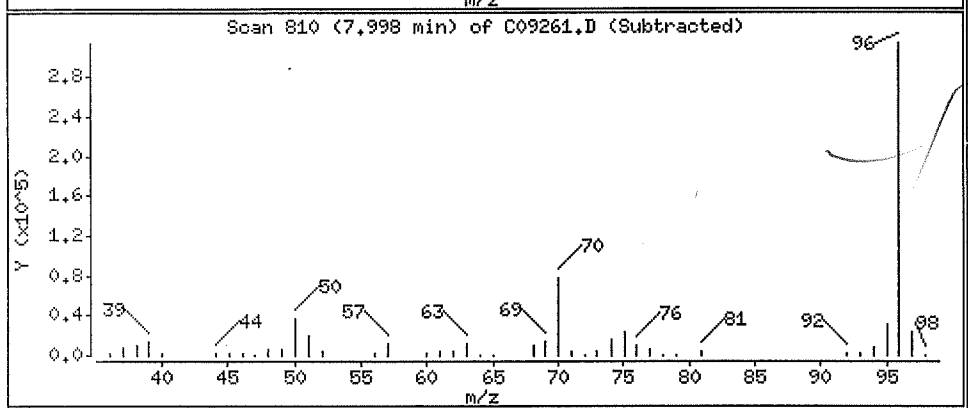
Sample Info: DL3HP101,,1,,0,1,0,8260BCL.M,C09261

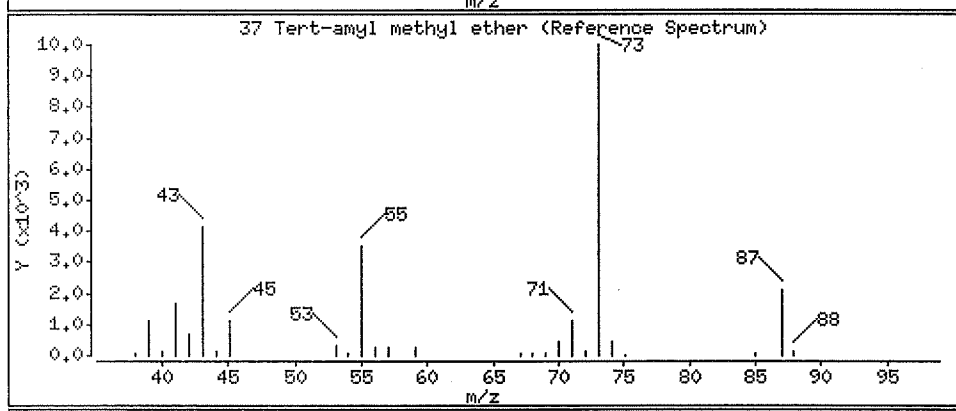
Purge Volume: 25.0 Operator: AD

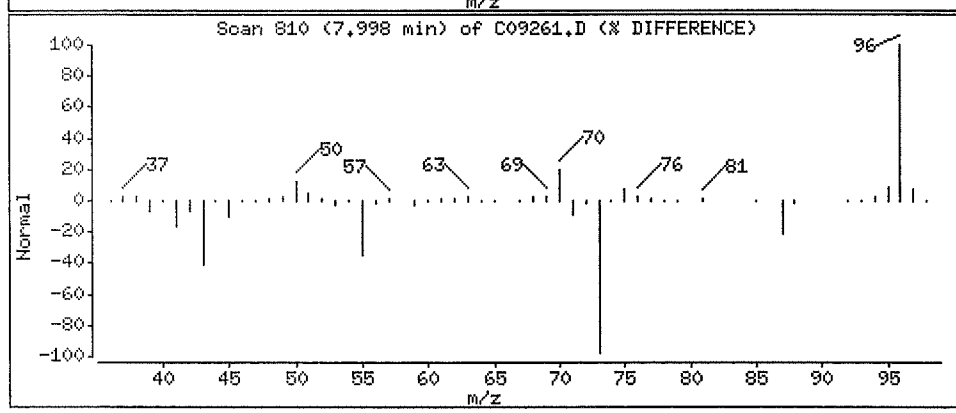
Column phase: J&W DB-624 Column diameter: 0.53

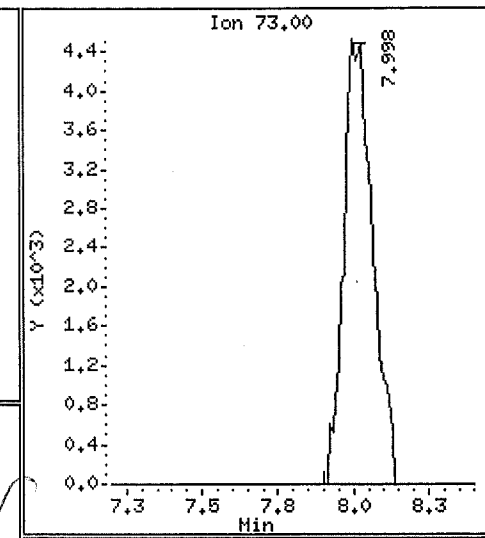
37 Tert-amyl methyl ether Concentration: 0.377 ug/L

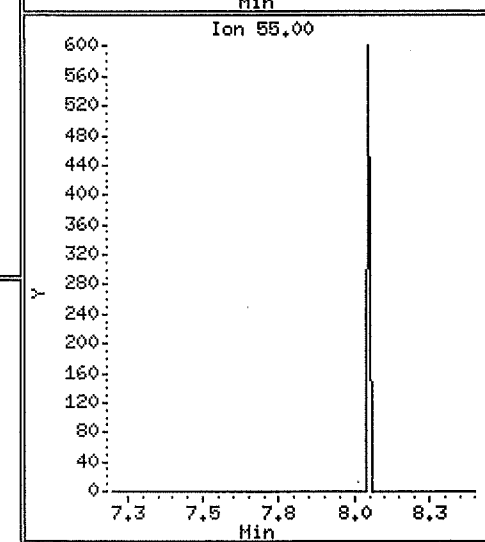


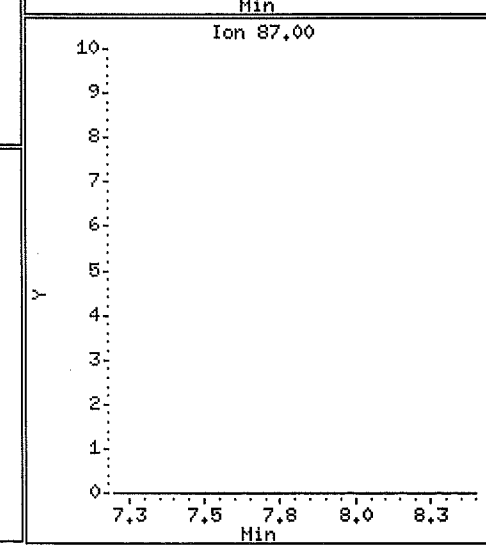












Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D

Date : 27-SEP-2000 22:06

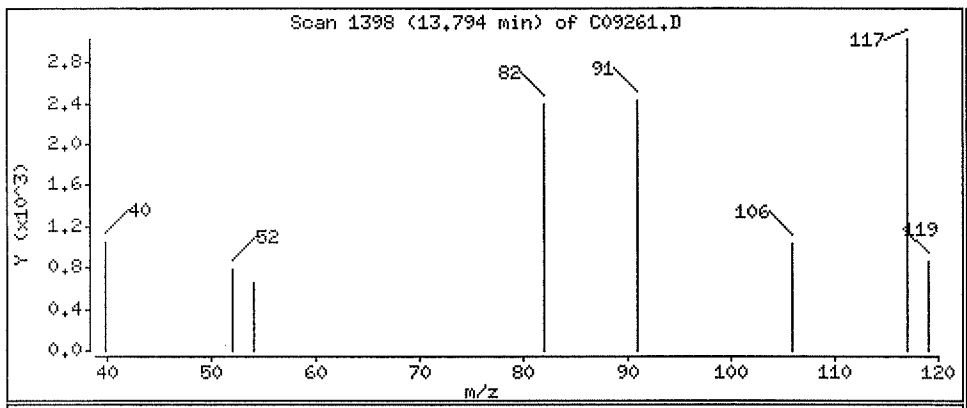
Client ID: C09261 Instrument: mc.i

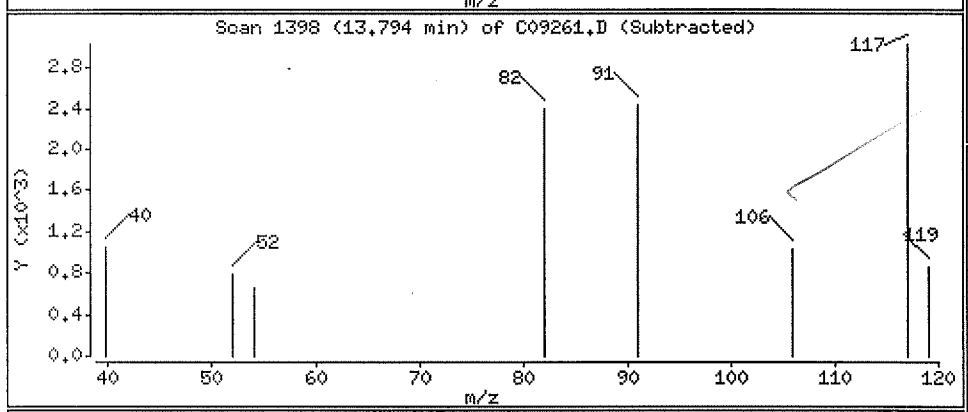
Sample Info: DL3HP101,,1,,0,1,0,8260BCL.M,C09261

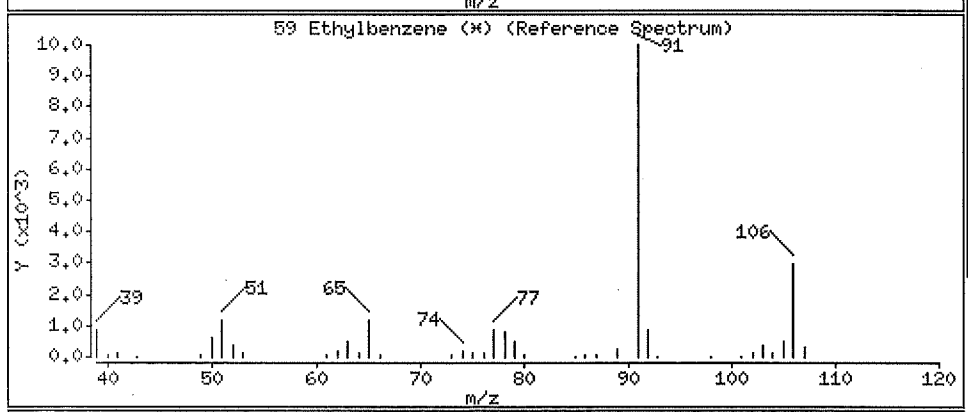
Purge Volume: 25.0 Operator: AD

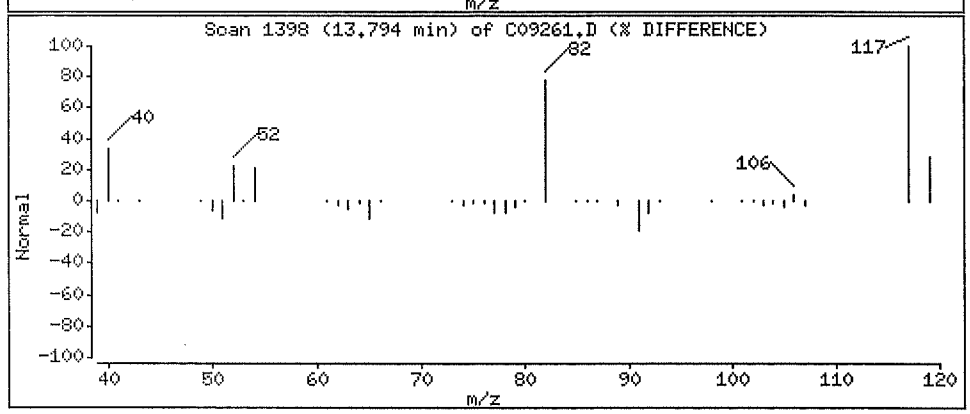
Column phase: J&W DB-624 Column diameter: 0.53

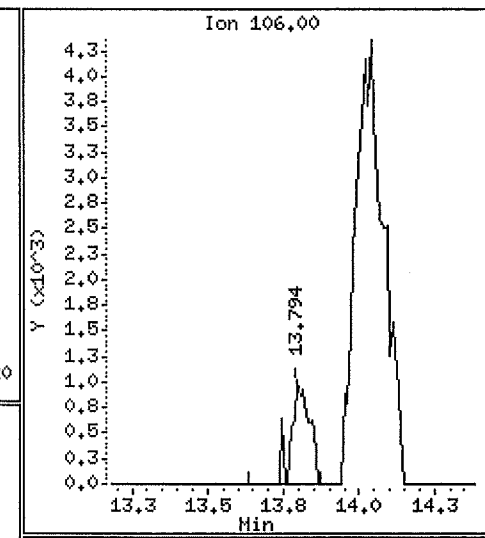
59 Ethylbenzene (*) Concentration: 0.0561 ug/L

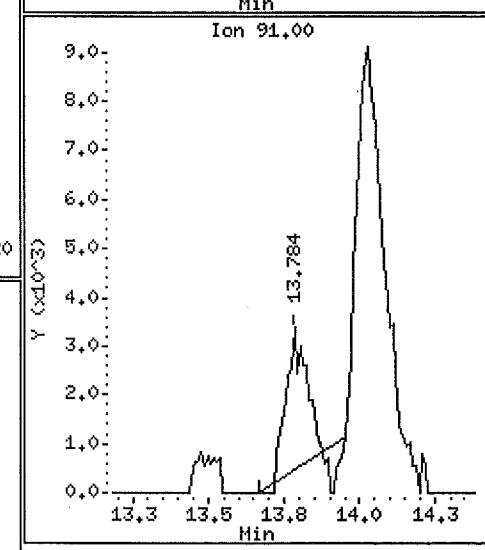












Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D

Date : 27-SEP-2000 22:06

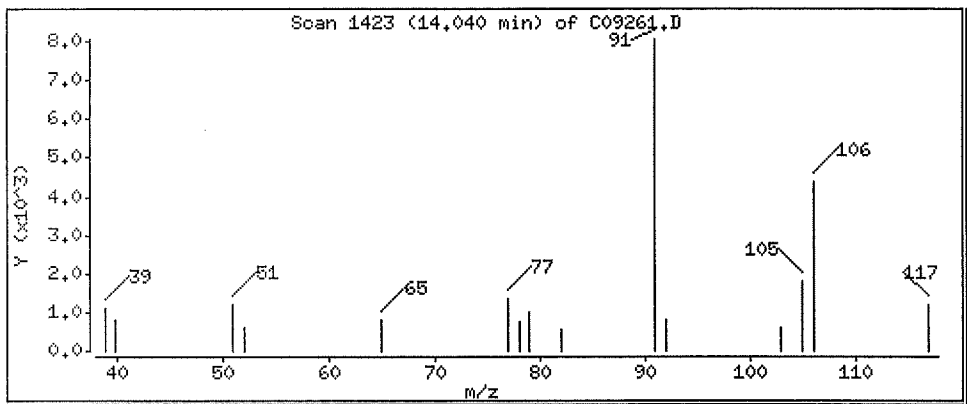
Client ID: C09261 | Instrument: mc.i

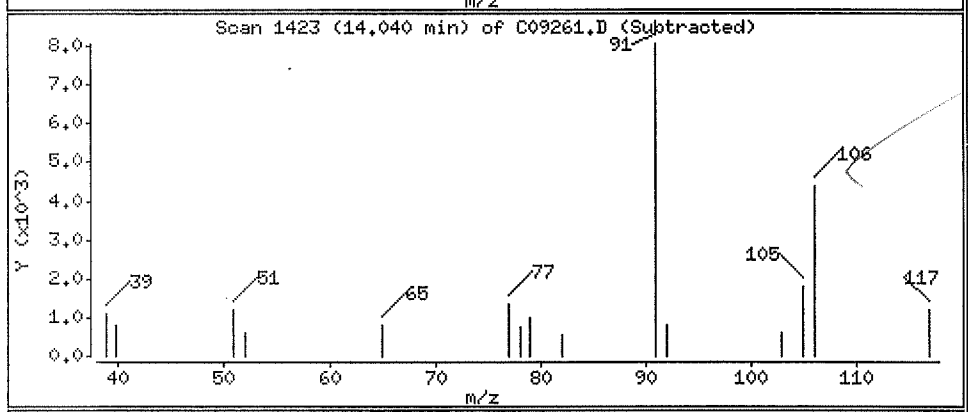
Sample Info: DL3HP101,,1,,0,1,0,8260BCL,M,C09261

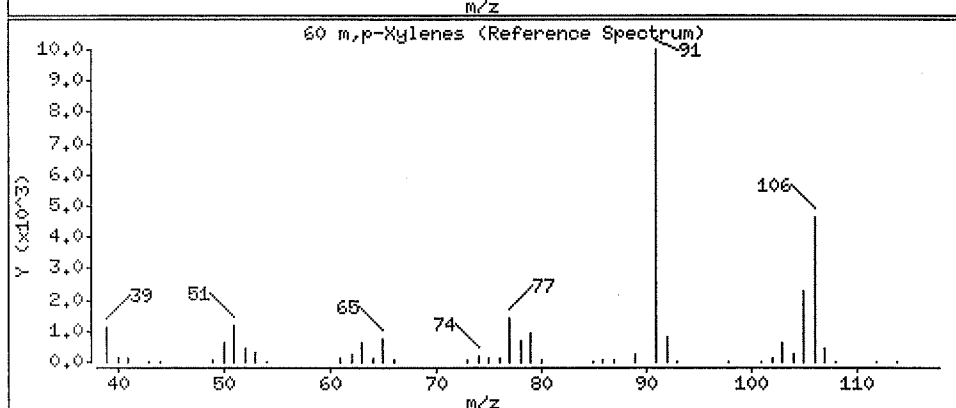
Purge Volume: 25.0 | Operator: AD

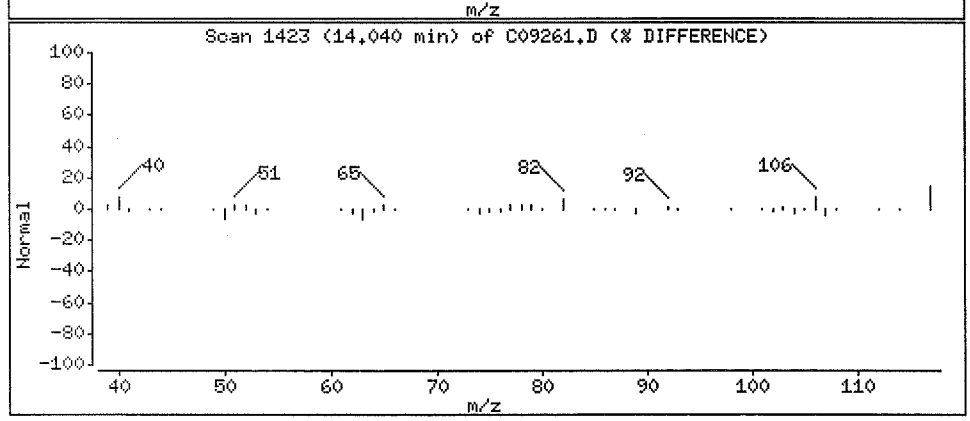
Column phase: J&W DB-624 | Column diameter: 0.53

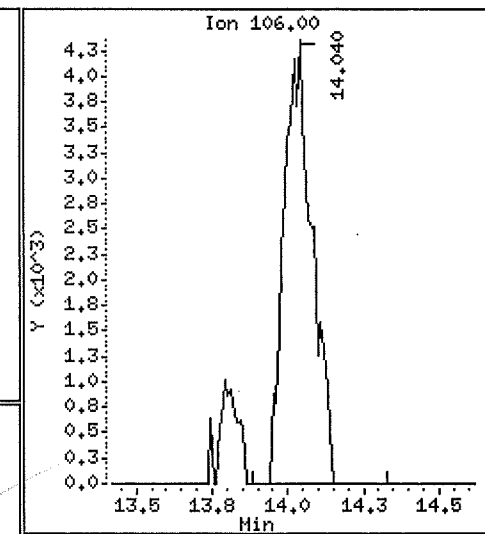
60 m,p-Xylenes | Concentration: 0.301 ug/L

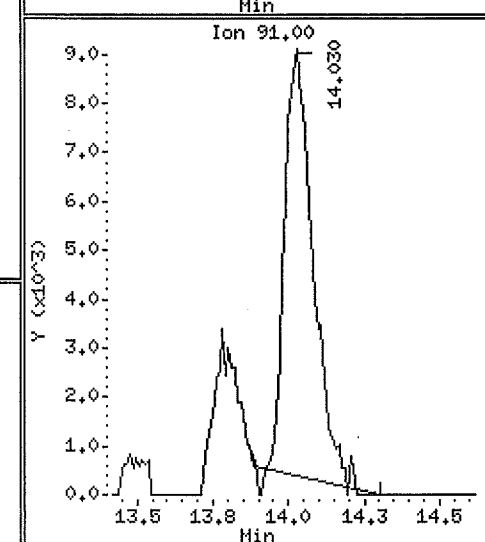












Data File: \\SANP2010\D\chem\mc.i\0927BC.B\C09261.D

Date : 27-SEP-2000 22:06

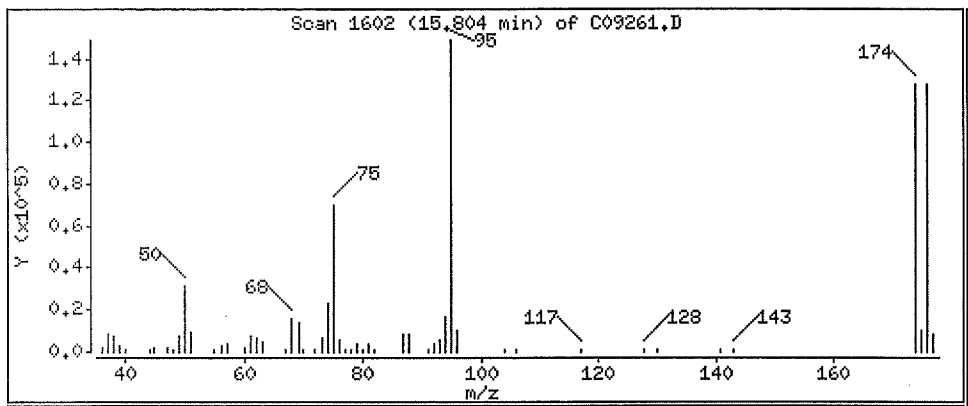
Client ID: C09261 Instrument: mc.i

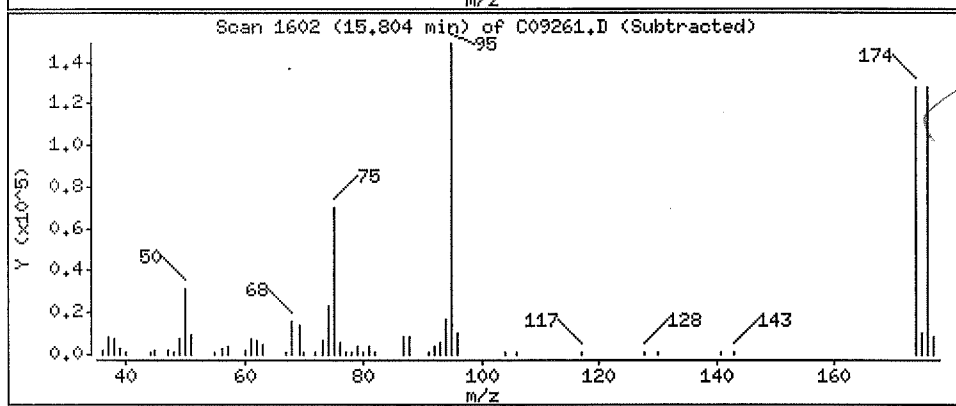
Sample Info: DL3HP101,,1,,0,1,0,8260BCL.M,C09261

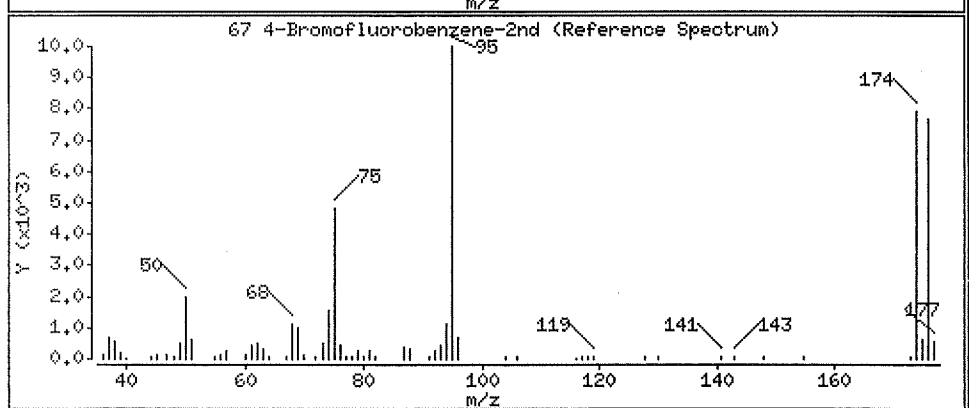
Purge Volume: 25.0 Operator: AD

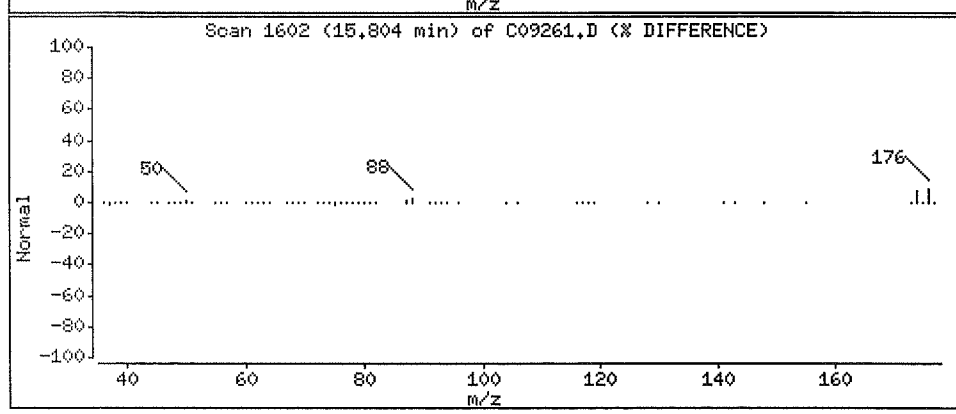
Column phase: J&W DB-624 Column diameter: 0.53

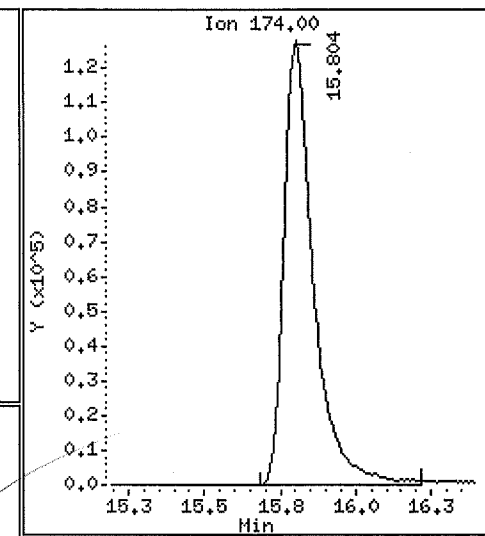
67 4-Bromofluorobenzene-2nd Concentration: 9.83 ug/L

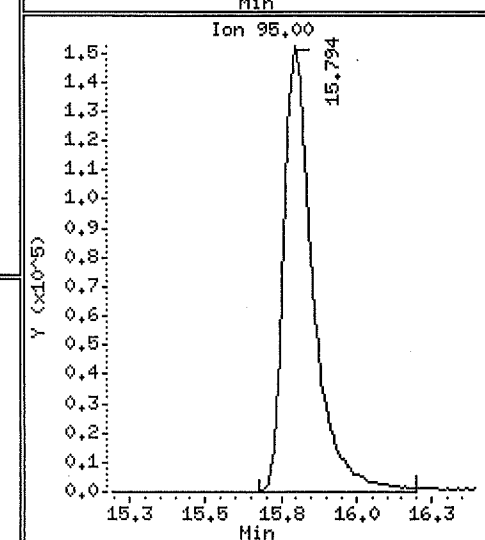


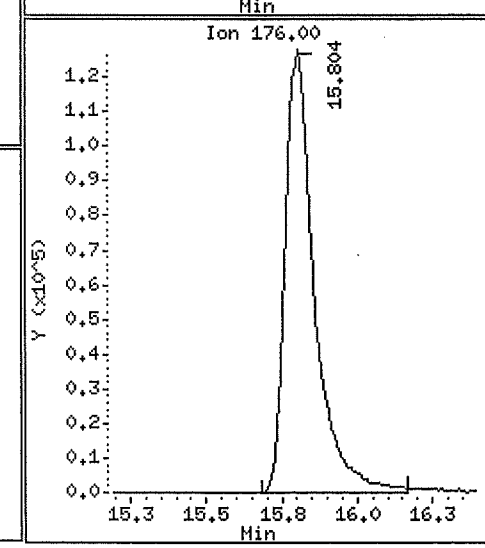












8260B SAMPLE / QC DATA

DATE ANALYZED: 100100

INSTRUMENT ID: MSD

SAMPLES: EDI260285 1→17

STL Los Angeles

Batch ID: 0276493

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	Seq File: 1001AD
Init. Cal ID: 8260 BDA 9-6-00			Date: 10/1/00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
9:37	BFB	DT 1554	50ng BFB	—	—	1ul						
9:53		DS 2503	50ppb 8260B STD	1	S	5g	1	141				1198-1
10:35		D12610	LCS 1001AD	2				141				1237-1CK
11:07		11	MB 1001AD	3				141				1235-2
11:43		12	DL3EX101	4				139				
12:15		13	DL3FW101	5				140				EOI260285-1 Boeing
12:47		14	DL3G0101	6				141				-2
13:18		15	DL3G3 101	7				139				-3
13:50		16	DL3G5 101	8				139				-4
14:22		17	DL3G6 101	9				132				-5
14:54		18	DL3G7101	10				131				-6
15:26		19	DL3G8101	11				131				-7
15:58		20	DL3G9 101	12				124				-8
16:30		21	DL3EX10 S	13				129				-9
17:02		22	DL3EX10 D	14				130				-1MS 12352
17:34		23	DL3GA101	15				127				-1MSD
18:06		24	DL3GC101	16				128				-10
18:37		25	DL3GD101	17				123				-11
19:09		26	DL3GE101	18				118				-12
19:41		27	DL3GF101	19				120				-13
20:13		28	DL3GG101	20				118				-14
20:44		29	DL3GJ101	21				118				-15
21:16		30	DL3GK101	22				115				-16
6:10		31	Vial check	23	L	5ml						-17
6:42		D126 32		24								IChem uncleaned
												Cap Cleaned

000083

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

Version 01/04/99

BOE-C6-0156116

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA89669

Lab File ID (Standard): DS2503 Date Analyzed: 10/01/00

Instrument ID: MD Time Analyzed: 0953

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	1450378	7.08	1367083	12.60	939580	17.26
	UPPER LIMIT	2900756	7.58	2734166	13.10	1879160	17.76
	LOWER LIMIT	725189	6.58	683542	12.10	469790	16.76
	EPA SAMPLE NO.						
01	D12610	1413105	7.08	1337613	12.61	954036	17.25
02	D12611	1414364	7.09	1389923	12.61	968942	17.26
03	D12612	1393295	7.10	1378723	12.61	941524	17.27
04	D12613	1404260	7.11	1351690	12.62	916373	17.28
05	D12614	1417087	7.10	1371375	12.62	969914	17.27
06	D12615	1394594	7.11	1357075	12.61	919620	17.28
07	D12616	1390978	7.11	1369256	12.62	977021	17.28
08	D12617	1329054	7.10	1302506	12.62	925369	17.28
09	D12618	1311120	7.10	1280271	12.62	888035	17.27
10	D12619	1310378	7.11	1272110	12.62	916902	17.28
11	D12620	1243379	7.10	1153154	12.62	698036	17.28
12	D12621	1296871	7.10	1237248	12.63	904495	17.26
13	D12622	1304989	7.11	1227104	12.61	888154	17.28
14	D12623	1278435	7.11	1250719	12.61	895642	17.27
15	D12624	1250647	7.10	1222422	12.62	853375	17.27
16	D12625	1236338	7.11	1193915	12.62	797542	17.26
17	D12626	1187704	7.12	1181852	12.60	822950	17.27
18	D12627	1207672	7.11	1178703	12.61	813015	17.27
19	D12628	1185820	7.11	1160549	12.61	835328	17.27
20	D12629	1184998	7.11	1163239	12.61	828598	17.26
21	D12630	1154900	7.10	1029915	12.62	545381	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\1001AD.B\DT1554.D
Lab Smp Id:
Inj Date : 01-OCT-2000 09:37
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\1001AD.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		
1.7722	1.8000	(0.000)	95	94136			0.00- 100.00	100.00
1.7722	1.8000	(0.000)	50	20429			15.00- 40.00	21.70
1.7722	1.8000	(0.000)	75	47242			30.00- 60.00	50.18
1.7722	1.8000	(0.000)	96	7495			5.00- 9.00	7.96
1.7722	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7722	1.8000	(0.000)	174	68904			50.00- 0.00	73.20
1.7722	1.8000	(0.000)	175	5639			5.00- 9.00	8.18
1.7722	1.8000	(0.000)	176	67013			95.00- 101.00	97.26
1.7722	1.8000	(0.000)	177	5304			5.00- 9.00	7.91

AM 10/2/2000

Data File: \\SANP2021\D\CHEM\MD.I\1001AD.B\DT1554.D

Date : 01-OCT-2000 09:37

Client ID:

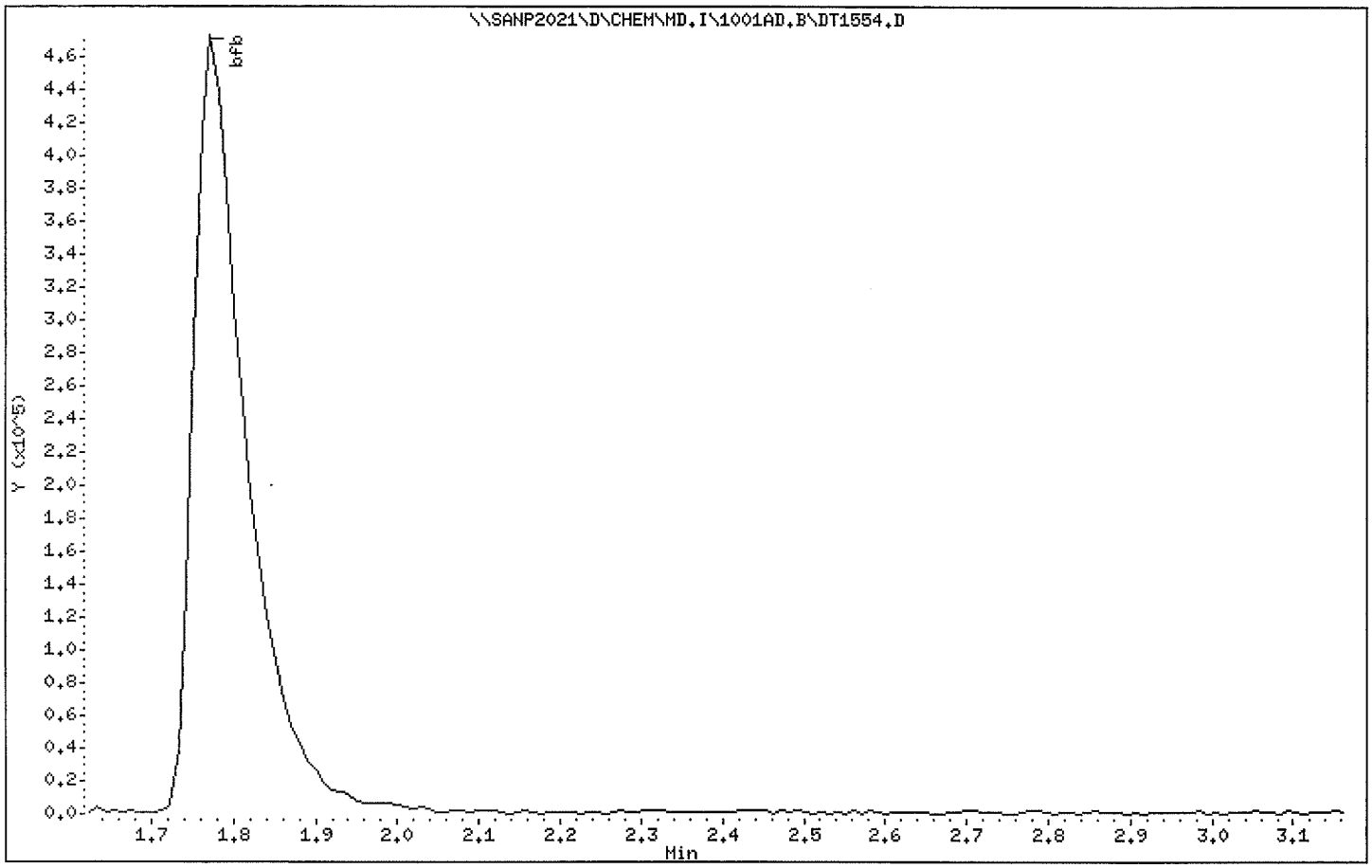
Instrument: md.i

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\1001AD.B\DT1554.D

Date : 01-OCT-2000 09:37

Client ID:

Instrument: md.i

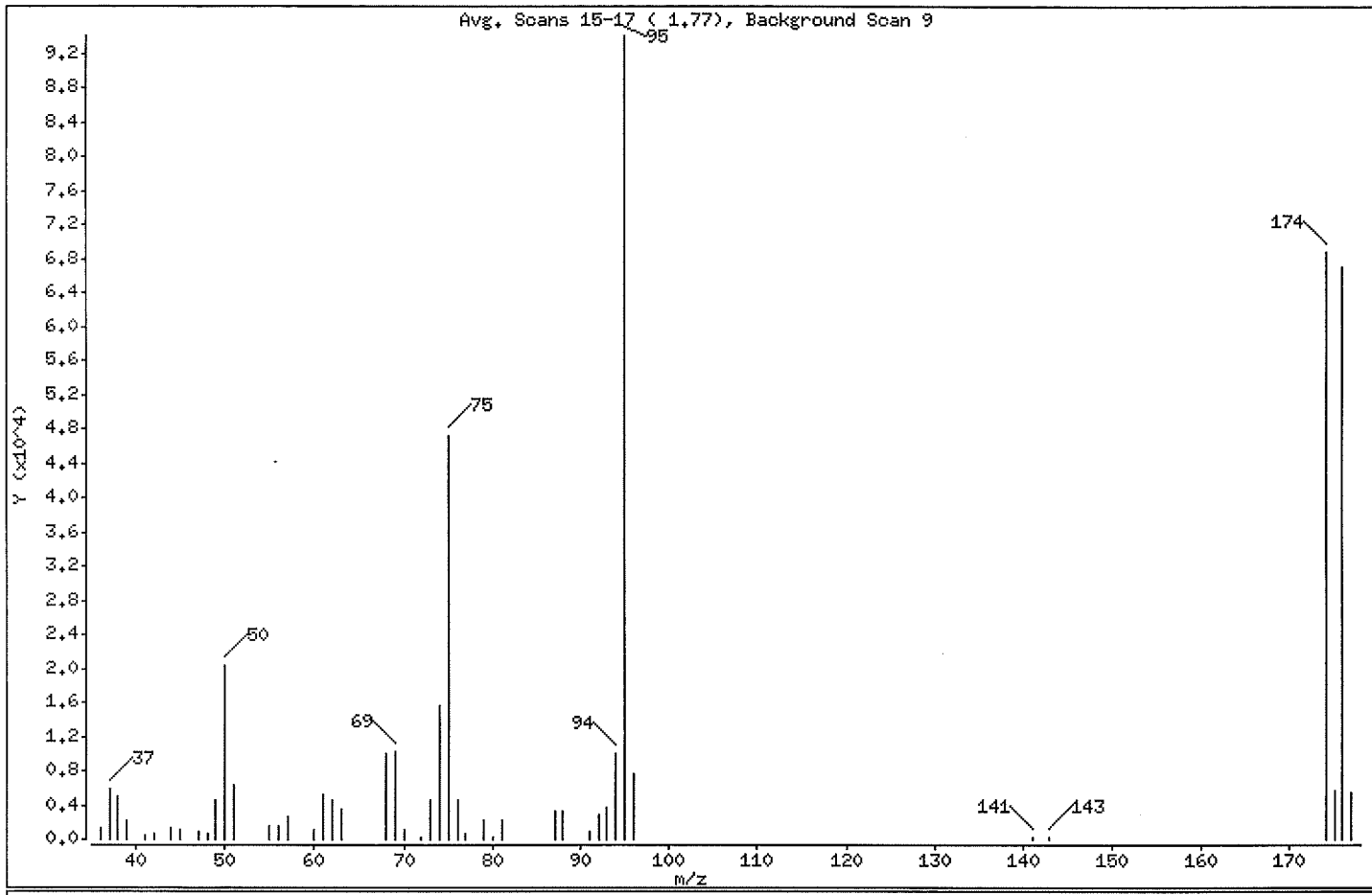
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

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	21.70
75	30.00 - 60.00% of mass 95	50.18
96	5.00 - 9.00% of mass 95	7.96
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	73.20
175	5.00 - 9.00% of mass 174	5.99 (8.18)
176	95.00 - 101.00% of mass 174	71.19 (97.26)
177	5.00 - 9.00% of mass 176	5.63 (7.91)

Data File: \\SANP2021\D\CHEM\MD.I\1001AD.B\DT1554.D

Date : 01-OCT-2000 09:37

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: DT1554.D
Spectrum: Avg. Scans 15-17 (1.77), Background Scan 9
Location of Maximum: 95.00
Number of points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1290	51.00	6217	73.00	4484	93.00	3708
37.00	5865	55.00	1531	74.00	15511	94.00	9979
38.00	4918	56.00	1456	75.00	47240	95.00	94136
39.00	2160	57.00	2580	76.00	4547	96.00	7495
41.00	326	60.00	1014	77.00	595	141.00	255
42.00	650	61.00	5120	79.00	2223	143.00	264
44.00	1305	62.00	4621	80.00	252	174.00	68904
45.00	979	63.00	3437	81.00	2158	175.00	5639
47.00	892	68.00	9924	87.00	3175	176.00	67008
48.00	590	69.00	10119	88.00	3208	177.00	5304
49.00	4646	70.00	1189	91.00	858		
50.00	20424	72.00	263	92.00	2818		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2503.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1001AD.B\8260BDA.m

Injection Date: 01-OCT-2000 09:53
Init. Cal. Date(s): 06-SEP-2000 06-SEP-2000
Init. Cal. Times: 10:25 13:13

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.56321	0.50247	0.010	-10.8	50.0	
	2 Vinyl chloride (*)	0.30351	0.30228	0.010	-0.4	20.0	
	3 Chloromethane (**)	0.28107	0.25910	0.100	-7.8	50.0	
	4 Bromomethane	0.21067	0.22568	0.010	7.1	50.0	
	5 Chloroethane	0.17437	0.19392	0.010	11.2	50.0	
	6 Trichlorofluoromethane	0.65783	0.73263	0.010	11.4	50.0	
	7 Acrolein	0.00836	0.01756	0.001	110.0	50.0	<-
	8 1,1-Dichloroethene(*)	0.27307	0.26865	0.010	-1.6	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.42290	0.37695	0.010	-10.9	50.0	
	10 Acetone	0.07937	0.07583	0.010	-4.5	50.0	
	11 Iodomethane	0.52292	0.47637	0.001	-8.9	50.0	
	12 Carbon disulfide	0.74165	0.62244	0.010	-16.1	50.0	
	13 Methylene chloride	0.29015	0.28913	0.010	-0.4	50.0	
	14 t-Butanol	0.00825	0.00801	0.001	-2.8	20.0	
	15 trans-1,2-Dichloroethene	0.32153	0.32252	0.010	0.3	50.0	
	16 Acrylonitrile	0.05148	0.06242	0.001	21.2	20.0	<-
	17 Methyl-tert-butyl ether[MTB	0.78108	0.80173	0.010	2.6	50.0	
	18 1,1-Dichloroethane (**)	0.60641	0.61806	0.100	1.9	50.0	
	19 Vinyl acetate	0.88553	0.93773	0.010	5.9	50.0	
	20 Isopropyl ether	1.19346	1.24097	0.010	4.0	20.0	
	21 2,2-Dichloropropane	0.60533	0.62664	0.010	3.5	50.0	
	22 Tert-butyl ethyl ether	1.04219	1.10535	0.010	6.1	20.0	
	23 cis-1,2-Dichloroethene	0.33040	0.33951	0.010	2.8	50.0	
	24 2-Butanone	0.14443	0.12773	0.010	-11.6	50.0	
	25 Bromochloromethane	0.20390	0.22195	0.010	8.9	50.0	
	26 Chloroform (*)	0.71863	0.78111	0.010	8.7	20.0	
	27 Tetrahydrofuran	0.09748	0.11068	0.010	13.5	50.0	
M	28 1,2-Dichloroethene (total)	0.32597	0.33102	0.010	1.5	50.0	
$	29 Dibromofluoromethane	0.67741	0.67073	0.010	-1.0	50.0	
	30 1,1,1-Trichloroethane	0.71765	0.79066	0.010	10.2	50.0	
	31 Carbon Tetrachloride	0.66685	0.73679	0.010	10.5	50.0	
	32 1,1-Dichloropropene	0.59264	0.63725	0.010	7.5	50.0	
$	33 1,2-Dichloroethane-d4	0.49877	0.51351	0.010	3.0	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.10647	0.10710	0.010	0.6	50.0	
	35 Benzene	0.92594	0.89113	0.010	-3.8	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 01-OCT-2000 09:53
Lab File ID: DS2503.D Init. Cal. Date(s): 06-SEP-2000 06-SEP-2000
Analysis Type: SOIL Init. Cal. Times: 10:25 13:13
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1001AD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	36 1,2-Dichloroethane	0.54805	0.56615	0.010	3.3	50.0
	37 Tert-amyl methyl ether	0.97734	1.01753	0.010	4.1	20.0
	39 Trichloroethene	0.46397	0.46270	0.010	-0.3	50.0
	40 1,2-Dichloropropane(*)	0.40119	0.39953	0.010	-0.4	20.0
	41 Dibromomethane	0.33695	0.34054	0.010	1.1	50.0
	42 Bromodichloromethane	0.72430	0.76406	0.010	5.5	50.0
	43 1-Bromo-2-chloroethane	0.82543	0.90390	0.010	9.5	50.0
	44 2-Chloroethylvinyl ether	0.05358	0.04828	0.010	-9.9	20.0
	45 cis-1,3-Dichloropropene	0.60537	0.63649	0.010	5.1	50.0
	46 4-Methyl-2-pentanone	0.39818	0.38787	0.010	-2.6	50.0
$	47 Toluene-d8	1.10798	1.10952	0.010	0.1	50.0
	48 Toluene (*)	1.17385	1.18015	0.010	0.5	20.0
	49 trans-1,3-Dichloropropene	0.57547	0.61984	0.010	7.7	50.0
	50 1,1,2-Trichloroethane	0.38581	0.41042	0.010	6.4	50.0
	51 Tetrachloroethene	0.47633	0.49298	0.010	3.5	50.0
	52 1,3-Dichloropropane	0.65108	0.67609	0.010	3.8	50.0
	53 2-Hexanone	0.30576	0.30420	0.010	-0.5	50.0
	54 Dibromochloromethane	0.65183	0.66995	0.010	2.8	50.0
	55 1,2-Dibromoethane	0.58136	0.60174	0.010	3.5	50.0
	57 Chlorobenzene (**)	0.92094	0.93933	0.300	2.0	50.0
	58 1,1,1,2-Tetrachloroethane	0.51863	0.55583	0.010	7.2	50.0
	59 Ethylbenzene (*)	0.44443	0.46139	0.010	3.8	20.0
	60 m,p-Xylenes	0.55763	0.59060	0.010	5.9	50.0
	61 o-Xylene	0.54781	0.57988	0.010	5.9	50.0
	62 Styrene	0.89369	0.94783	0.010	6.1	50.0
M	63 Xylenes (total)	0.55436	0.58703	0.010	5.9	50.0
	64 Bromoform (**)	0.54541	0.56223	0.100	3.1	50.0
	65 Isopropylbenzene	1.68425	1.80204	0.010	7.0	50.0
	66 4-Bromofluorobenzene-2nd	0.95373	0.87860	0.010	-7.9	50.0
$	67 4-Bromofluorobenzene	1.37943	1.28500	0.010	-6.8	50.0
	68 Bromobenzene	0.78073	0.80400	0.010	3.0	50.0
	69 1,1,2,2-Tetrachloroethane(*	0.95770	0.95842	0.300	0.1	50.0
	70 1,2,3-Trichloropropane	0.30263	0.32037	0.010	5.9	50.0
	71 n-Propylbenzene	2.66197	2.73563	0.010	2.8	50.0
	72 2-Chlorotoluene	0.60475	0.60843	0.010	0.6	50.0
	73 4-Chlorotoluene	0.62594	0.65849	0.010	5.2	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 01-OCT-2000 09:53
Lab File ID: DS2503.D Init. Cal. Date(s): 06-SEP-2000 06-SEP-2000
Analysis Type: SOIL Init. Cal. Times: 10:25 13:13
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1001AD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08115	2.15817	0.010	3.7	50.0
75 tert-Butylbenzene	2.14430	2.23299	0.010	4.1	50.0
76 1,2,4-Trimethylbenzene	2.11445	2.19479	0.010	3.8	50.0
77 sec-Butylbenzene	2.93236	2.97375	0.010	1.4	50.0
78 1,3-Dichlorobenzene	1.33156	1.36216	0.010	2.3	50.0
80 1,4-Dichlorobenzene	1.43001	1.44482	0.010	1.0	50.0
81 p-Isopropyltoluene	2.32796	2.37767	0.010	2.1	50.0
82 1,2-Dichlorobenzene	1.27328	1.28919	0.010	1.2	50.0
83 n-Butylbenzene	2.32871	2.32995	0.010	0.1	50.0
84 1,2-Dibromo-3-chloropropane	0.31695	0.30035	0.010	-5.2	50.0
85 1,2,4-Trichlorobenzene	1.15224	1.15064	0.010	-0.1	50.0
86 Hexachlorobutadiene	0.88170	0.85092	0.010	-3.5	50.0
87 Napthalene	1.95521	1.87119	0.010	-4.3	50.0
88 1,2,3-Trichlorobenzene	1.08125	1.05762	0.010	-2.2	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1001AD.B/DS2503.D
Inj. Date : 01-OCT-2000 09:53

ICAL Mid Point : //SANP2021/D/chem/md.i/0906AD.B/DS2464.D
Inj. Date : 06-SEP-2000 10:25

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.08	0.01	1312731	1450378	110.5%
Chlorobenzene-d5	12.62	12.60	0.02	1398955	1367083	97.7%
1,4-Dichlorobenzene-d4	17.27	17.26	0.01	1008220	939580	93.2%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2503.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1001AD.B\8260BDA.m
Misc Info: 1237-1,,5,,2,all.SUB

Calibration Date: 01-OCT-2000
Calibration Time: 09:53

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1450378	725189	2900756	1450378	0.00
56 Chlorobenzene-d5	1367083	683542	2734166	1367083	0.00
79 1,4-Dichlorobenze	939580	469790	1879160	939580	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.08	6.58	7.58	7.08	0.00
56 Chlorobenzene-d5	12.60	12.10	13.10	12.60	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

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1001AD.B\DS2503.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 01-OCT-2000 09:53
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1237-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1001AD.B\8260BDA.m
Meth Date : 01-Oct-2000 10:18 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	(0.207)	728766	50.0000	44.61
2 Vinyl chloride (*)	62	1.693	1.693	(0.239)	438413	50.0000	49.80
3 Chloromethane (**)	50	1.634	1.634	(0.231)	375797	50.0000	46.09
4 Bromomethane	94	1.979	1.979	(0.279)	327314	50.0000	53.56
5 Chloroethane	64	2.058	2.058	(0.291)	281263	50.0000	55.61
6 Trichlorofluoromethane	101	2.294	2.294	(0.324)	1062590	50.0000	55.68
7 Acrolein	56	2.698	2.698	(0.381)	254666	500.000	1050(AQ)
8 1,1-Dichloroethene(*)	96	2.787	2.787	(0.393)	389640	50.0000	49.19
9 1,1,2-Trichlorotrifluoroethan	151	2.806	2.806	(0.396)	546725	50.0000	44.57
10 Acetone	43	2.875	2.875	(0.406)	549877	250.000	238.8
11 Iodomethane	142	2.944	2.944	(0.416)	1381822	100.000	91.10
12 Carbon disulfide	76	3.003	3.003	(0.424)	902772	50.0000	41.96
13 Methylene chloride	84	3.329	3.329	(0.470)	419341	50.0000	49.82
14 t-Butanol	59	2.570	2.570	(0.363)	290506	1250.00	1215(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	3.673	3.673	(0.519)	467782	50.0000	50.15
	16 Acrylonitrile	53	3.654	3.654	(0.516)	905303	500.000	606.2(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.713	3.713	(0.524)	1162818	50.0000	51.32
	18 1,1-Dichloroethane (**)	63	4.265	4.265	(0.602)	896415	50.0000	50.96
	19 Vinyl acetate	43	4.402	4.402	(0.622)	2720120	100.000	105.9(A)
	20 Isopropyl ether	45	4.432	4.432	(0.626)	1799869	50.0000	51.99
	21 2,2-Dichloropropane	77	5.151	5.151	(0.727)	908859	50.0000	51.76
	22 Tert-butyl ethyl ether	59	5.003	5.003	(0.706)	1603171	50.0000	53.03
	23 cis-1,2-Dichloroethene	96	5.171	5.171	(0.730)	492411	50.0000	51.38
	24 2-Butanone	43	5.260	5.260	(0.743)	926311	250.000	221.1
	25 Bromochloromethane	128	5.555	5.555	(0.784)	321916	50.0000	54.43
	26 Chloroform (*)	83	5.723	5.723	(0.808)	1132908	50.0000	54.35
	27 Tetrahydrofuran	42	5.654	5.654	(0.798)	160522	50.0000	56.77
M	28 1,2-Dichloroethene (total)	100				960194	100.000	101.5
$	29 Dibromofluoromethane	111	5.989	5.989	(0.846)	972819	50.0000	49.51
	30 1,1,1-Trichloroethane	97	5.969	5.969	(0.843)	1146761	50.0000	55.09
	31 Carbon Tetrachloride	117	6.235	6.235	(0.880)	1068628	50.0000	55.24
	32 1,1-Dichloropropene	75	6.265	6.265	(0.885)	924249	50.0000	53.76
$	33 1,2-Dichloroethane-d4	65	6.521	6.521	(0.921)	744787	50.0000	51.48
	34 1,2-Dichloroethane-d4 2nd	102	6.521	6.521	(0.921)	155332	50.0000	50.29
	35 Benzene	78	6.590	6.590	(0.930)	1292470	50.0000	48.12
	36 1,2-Dichloroethane	62	6.649	6.649	(0.939)	821135	50.0000	51.65
	37 Tert-amyl methyl ether	73	6.875	6.875	(0.971)	1475802	50.0000	52.06
*	38 Fluorobenzene	96	7.082	7.082	(1.000)	1450378	50.0000	
	39 Trichloroethene	130	7.732	7.732	(1.092)	671093	50.0000	49.86
	40 1,2-Dichloropropane(*)	63	8.117	8.117	(1.146)	579476	50.0000	49.79
	41 Dibromomethane	93	8.334	8.334	(1.177)	493918	50.0000	50.53
	42 Bromodichloromethane	83	8.649	8.649	(1.221)	1108175	50.0000	52.74
	43 1-Bromo-2-chloroethane	63	9.161	9.161	(1.294)	1311002	50.0000	54.75
	44 2-Chloroethylvinyl ether	106	9.250	9.250	(1.306)	140046	100.000	90.11(Q)
	45 cis-1,3-Dichloropropene	75	9.457	9.457	(1.335)	923150	50.0000	52.57
	46 4-Methyl-2-pentanone	43	9.811	9.811	(1.385)	2812757	250.000	243.5
$	47 Toluene-d8	98	9.920	9.920	(0.787)	1516807	50.0000	50.07
	48 Toluene (*)	91	10.028	10.028	(0.796)	1613359	50.0000	50.27
	49 trans-1,3-Dichloropropene	75	10.511	10.511	(0.834)	847366	50.0000	53.85
	50 1,1,2-Trichloroethane	97	10.826	10.826	(0.859)	561082	50.0000	53.19
	51 Tetrachloroethene	164	11.043	11.043	(0.876)	673942	50.0000	51.75
	52 1,3-Dichloropropane	76	11.122	11.122	(0.883)	924272	50.0000	51.92
	53 2-Hexanone	43	11.378	11.378	(0.903)	2079356	250.000	248.7
	54 Dibromochloromethane	129	11.545	11.545	(0.916)	915879	50.0000	51.39
	55 1,2-Dibromoethane	107	11.693	11.693	(0.928)	822632	50.0000	51.75
*	56 Chlorobenzene-d5	117	12.600	12.600	(1.000)	1367083	50.0000	
	57 Chlorobenzene (**)	112	12.659	12.659	(1.005)	1284143	50.0000	51.00
	58 1,1,1,2-Tetrachloroethane	131	12.856	12.856	(1.020)	759859	50.0000	53.59
	59 Ethylbenzene (*)	106	12.925	12.925	(1.026)	630752	50.0000	51.91
	60 m,p-Xylenes	106	13.161	13.161	(1.045)	1614798	100.000	105.9
	61 o-Xylene	106	13.920	13.920	(1.105)	792738	50.0000	52.93

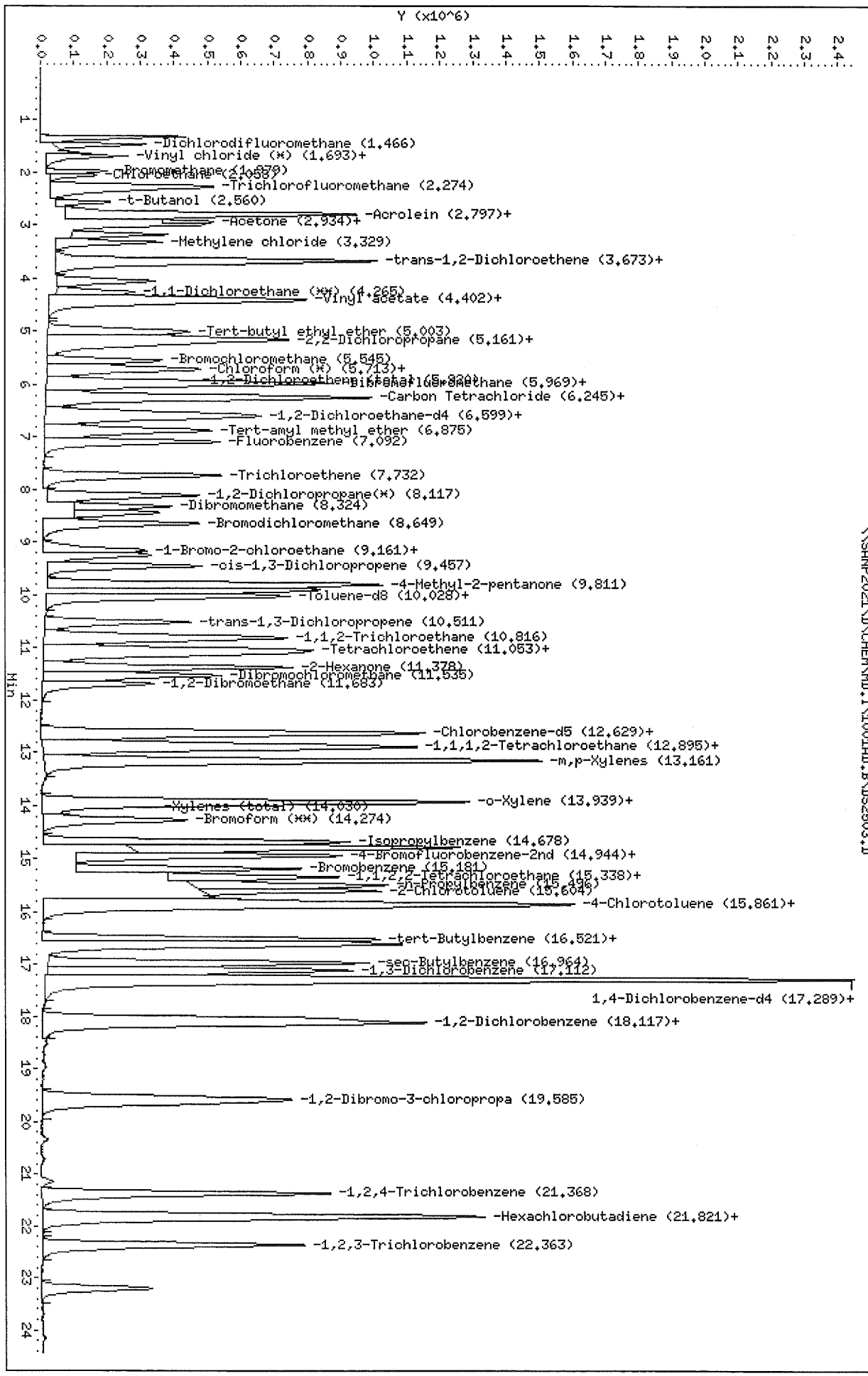
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.949	13.949	(1.107)	1295761	50.0000	53.03
M	63 Xylenes (total)	100				2407537	150.000	158.8
	64 Bromoform (**)	173	14.265	14.265	(1.132)	768608	50.0000	51.54
	65 Isopropylbenzene	105	14.678	14.678	(1.165)	2463535	50.0000	53.50
	66 4-Bromofluorobenzene-2nd	174	14.954	14.954	(0.866)	825517	50.0000	46.06
$	67 4-Bromofluorobenzene	95	14.954	14.954	(0.866)	1207361	50.0000	46.58
	68 Bromobenzene	156	15.191	15.191	(0.880)	755419	50.0000	51.49
	69 1,1,2,2-Tetrachloroethane(**)	83	15.329	15.329	(0.888)	900509	50.0000	50.04
	70 1,2,3-Trichloropropane	110	15.348	15.348	(0.889)	301012	50.0000	52.93
	71 n-Propylbenzene	91	15.506	15.506	(0.898)	2570348	50.0000	51.38
	72 2-Chlorotoluene	126	15.614	15.614	(0.905)	571667	50.0000	50.30
	73 4-Chlorotoluene	126	15.841	15.841	(0.918)	618699	50.0000	52.60
	74 1,3,5-Trimethylbenzene	105	15.880	15.880	(0.920)	2027771	50.0000	51.85
	75 tert-Butylbenzene	119	16.521	16.521	(0.957)	2098073	50.0000	52.07
	76 1,2,4-Trimethylbenzene	105	16.619	16.619	(0.963)	2062182	50.0000	51.90
	77 sec-Butylbenzene	105	16.974	16.974	(0.983)	2794076	50.0000	50.70
	78 1,3-Dichlorobenzene	146	17.122	17.122	(0.992)	1279859	50.0000	51.15
*	79 1,4-Dichlorobenzene-d4	152	17.260	17.260	(1.000)	939580	50.0000	
	80 1,4-Dichlorobenzene	146	17.309	17.309	(1.003)	1357522	50.0000	50.52
	81 p-Isopropyltoluene	119	17.299	17.299	(1.002)	2234015	50.0000	51.07
	82 1,2-Dichlorobenzene	146	18.038	18.038	(1.045)	1211297	50.0000	50.62
	83 n-Butylbenzene	91	18.127	18.127	(1.050)	2189171	50.0000	50.03
	84 1,2-Dibromo-3-chloropropane	157	19.654	19.654	(1.139)	282205	50.0000	47.38(Q)
	85 1,2,4-Trichlorobenzene	180	21.378	21.378	(1.239)	1081122	50.0000	49.93
	86 Hexachlorobutadiene	225	21.792	21.792	(1.263)	799505	50.0000	48.25
	87 Napthalene	128	21.841	21.841	(1.265)	1758130	50.0000	47.85
	88 1,2,3-Trichlorobenzene	180	22.353	22.353	(1.295)	993722	50.0000	48.91

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\001AD.B\DS2503.D
Date : 01-OCT-2000 09:53
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\1001AD.B\D12611.D
Lab Smp Id: MB-1001AD Client Smp ID: D12611
Inj Date : 01-OCT-2000 11:07
Operator : GFB Inst ID: md.i
Smp Info : MB-1001AD,BLANK,2,,0,1,0,8260BDA.M,D12611
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.978	5.989	(0.843)	886984	46.2883	46.29
$ 33 1,2-Dichloroethane-d4	65	6.520	6.521	(0.919)	679672	48.1730	48.17
34 1,2-Dichloroethane-d4 2nd	102	6.520	6.521	(0.919)	133210	44.2294	44.23
36 1,2-Dichloroethane	62	7.082	6.649	(0.999)	24131	1.55660	1.56(aQ)
* 38 Fluorobenzene	96	7.091	7.082	(1.000)	1414364	50.0000	
$ 47 Toluene-d8	98	9.919	9.920	(0.787)	1461938	47.4655	47.46
* 56 Chlorobenzene-d5	117	12.609	12.600	(1.000)	1389923	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.944	14.954	(0.866)	812839	43.9795	43.98
$ 67 4-Bromofluorobenzene	95	14.944	14.954	(0.866)	1177663	44.0547	44.05
* 79 1,4-Dichlorobenzene-d4	152	17.259	17.260	(1.000)	968942	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\1001AD.B\D12611.D
Lab Smp Id: MB-1001AD Client Smp ID: D12611
Inj Date : 01-OCT-2000 11:07
Operator : GFB Inst ID: md.i
Smp Info : MB-1001AD,BLANK,2,,0,1,0,8260BDA.M,D12611
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.091	3457916	50.000
* 79 1,4-Dichlorobenzene-d4	17.259	6748575	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	1166490	16.8669565	16.87	0		0	38
Unknown				CAS #:			
16.688	2631299	19.4952188	19.50	0		0	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1001AD
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12611
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 a'v	1.318	16.87	J
2.	Unknown	16.688	19.50	J

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12611.D

Date : 01-OCT-2000 11:07

Client ID: D12611

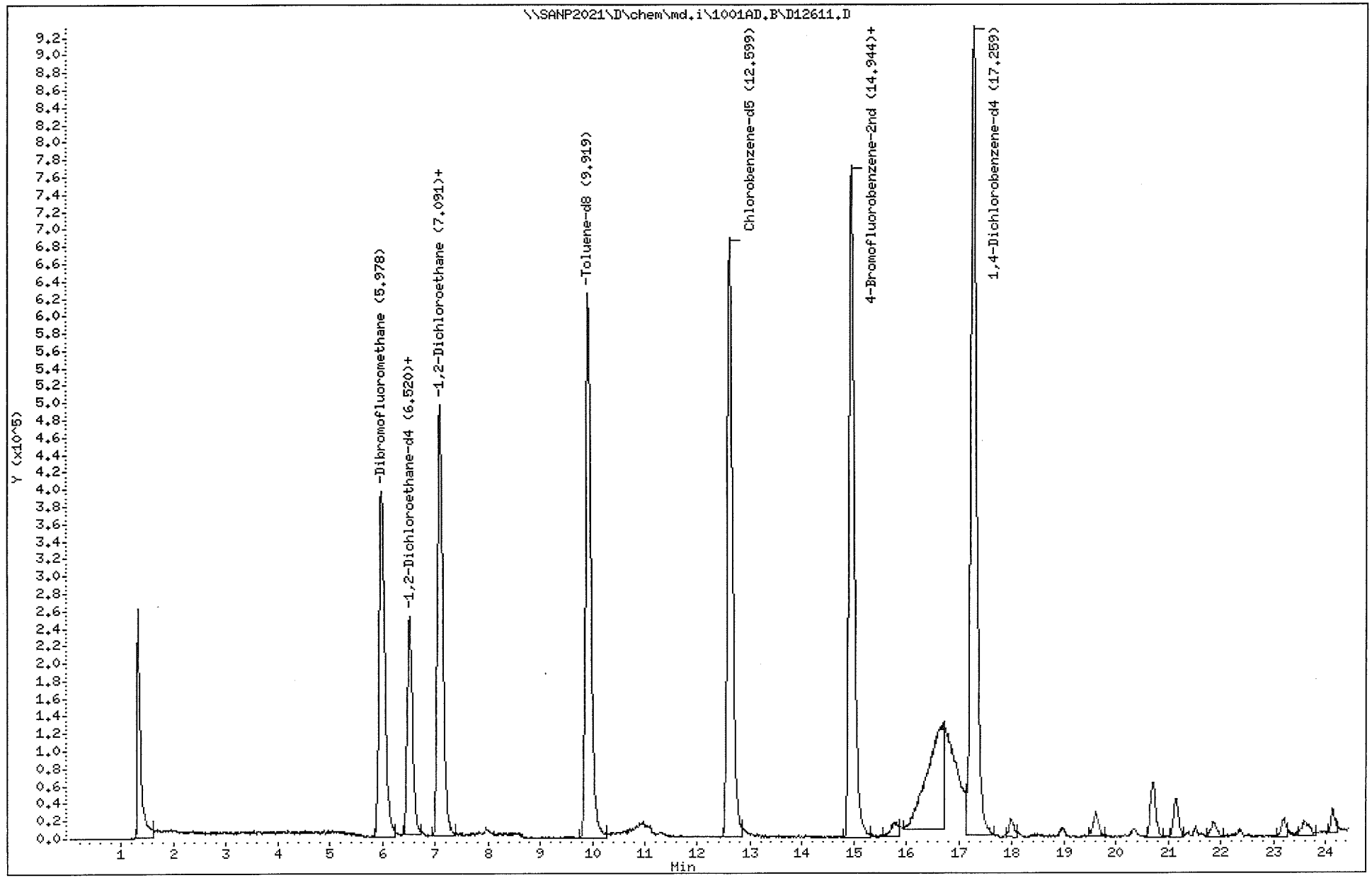
Sample Info: MB-1001AD,BLANK,2,,0,1,0,8260BDA.M,D12611

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000594

BOE-C6-0156135

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12611.D

Date : 01-OCT-2000 11:07

Client ID: D12611

Instrument: md.i

Sample Info: MB-1001AD,BLANK,2,,0,1,0,8260BDA,M,D12611

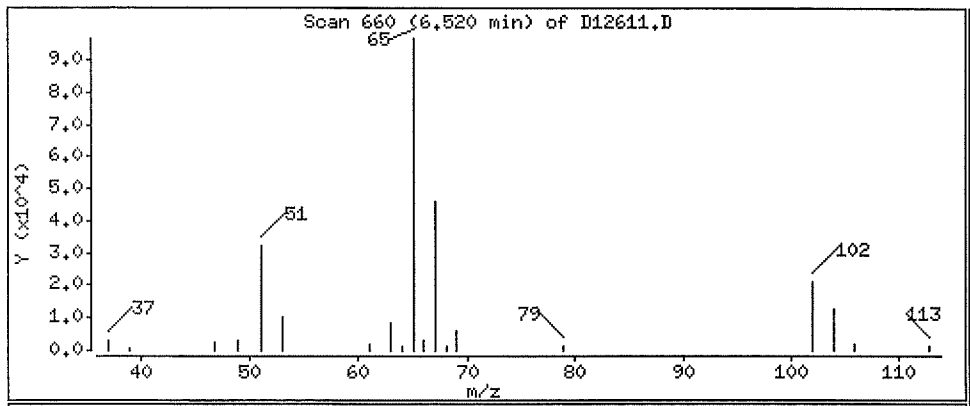
Operator: GFB

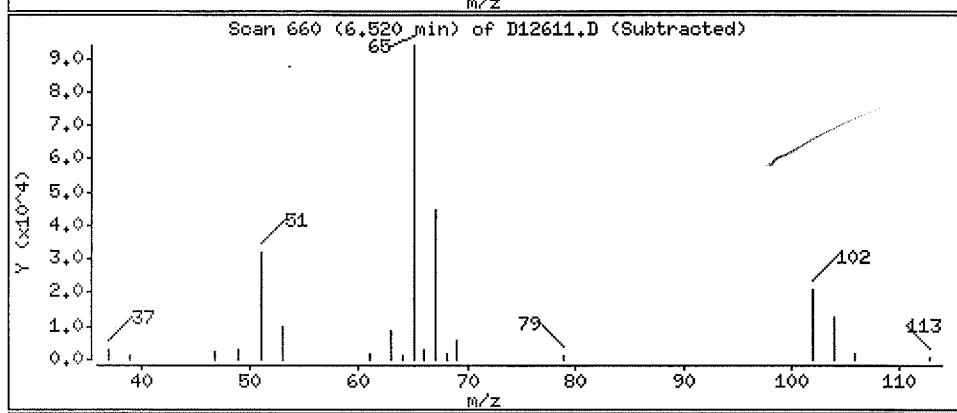
Column phase: J&W DB-624

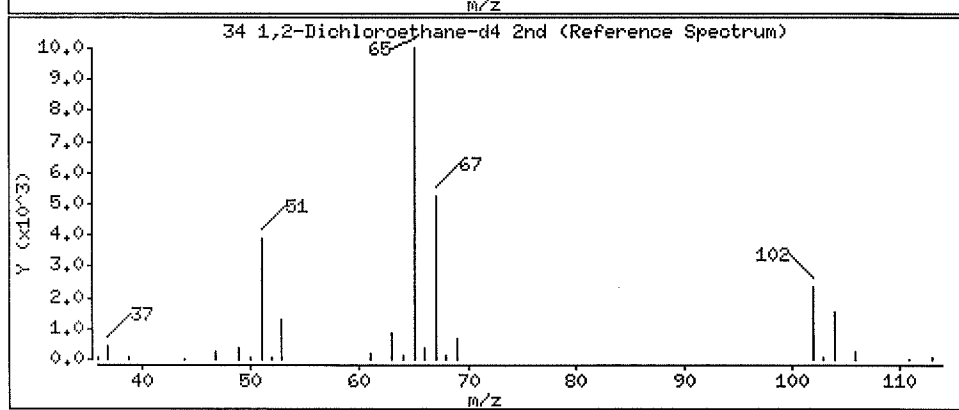
Column diameter: 0.53

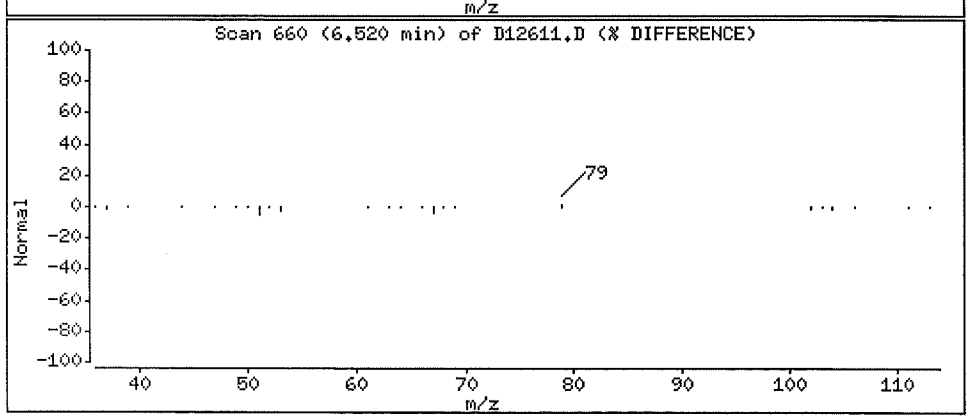
34 1,2-Dichloroethane-d4 2nd

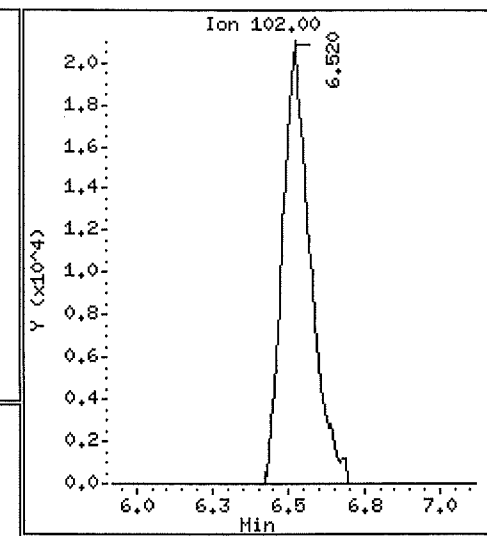
Concentration: 44.23 ug/Kg

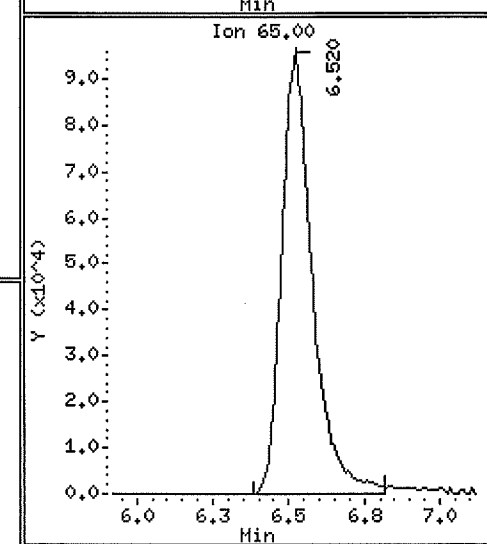












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12611.D

Date : 01-OCT-2000 11:07

Client ID: D12611

Instrument: md.i

Sample Info: MB-1001AD,BLANK,2,,0,1,0,8260BDA.M,D12611

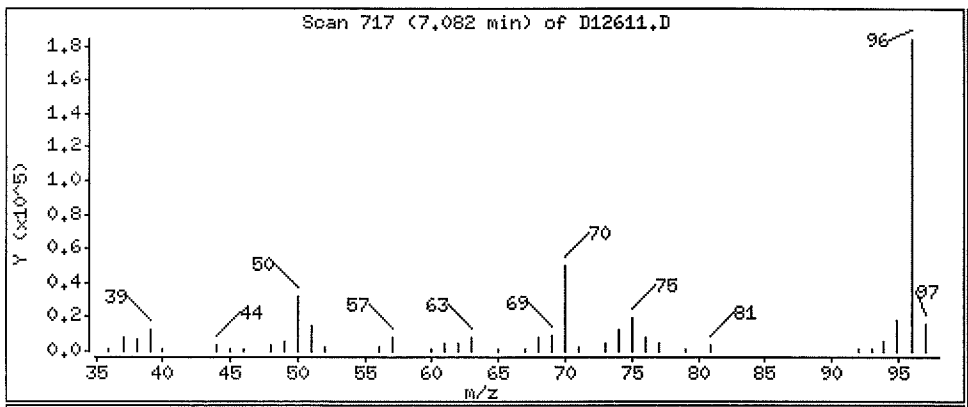
Operator: GFB

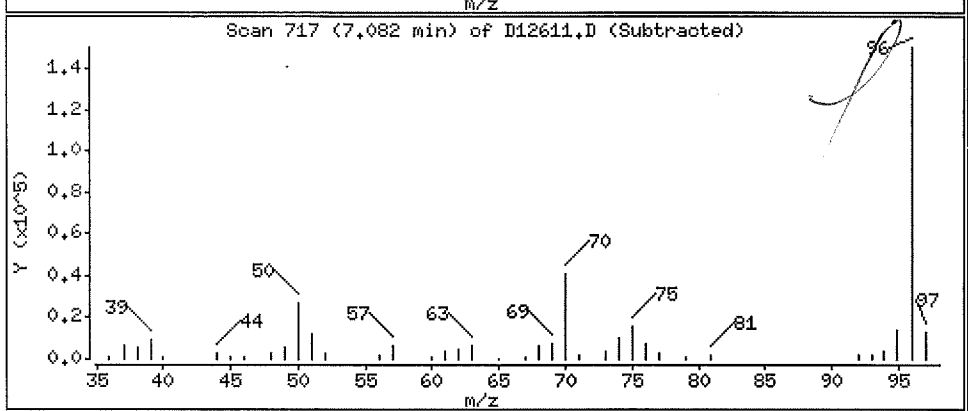
Column phase: J&W DB-624

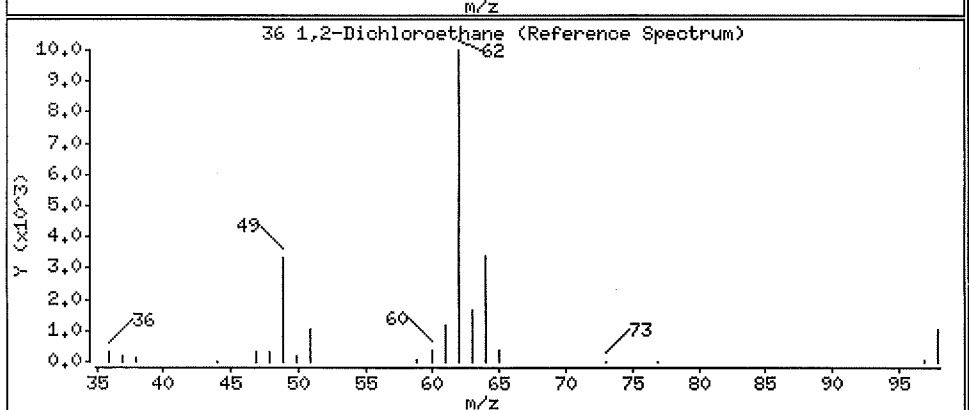
Column diameter: 0.53

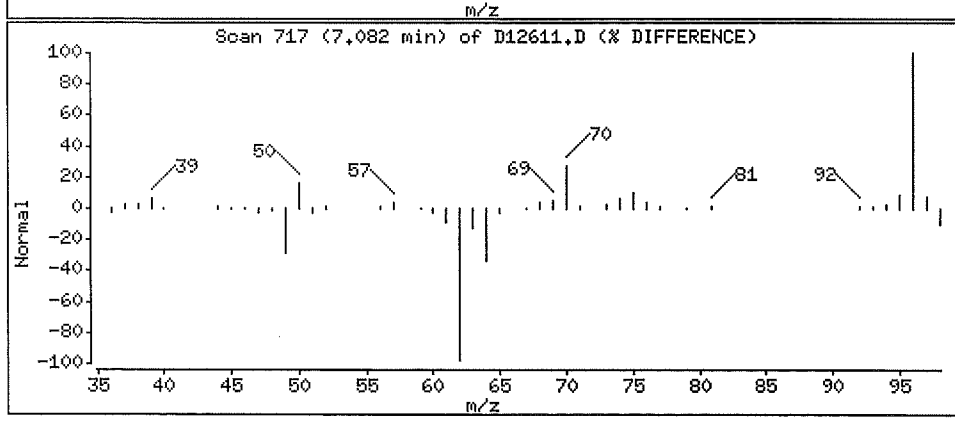
36 1,2-Dichloroethane

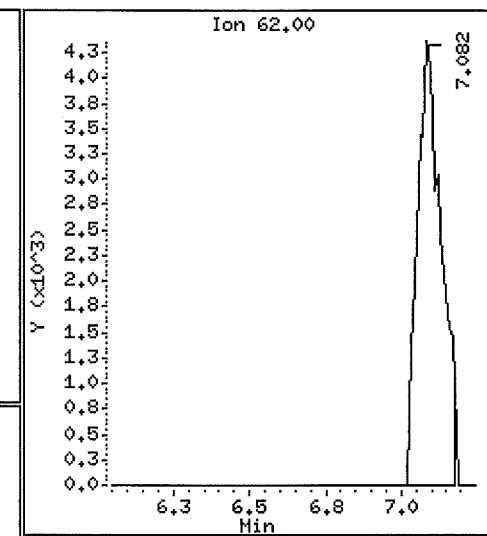
Concentration: 1.56 ug/Kg

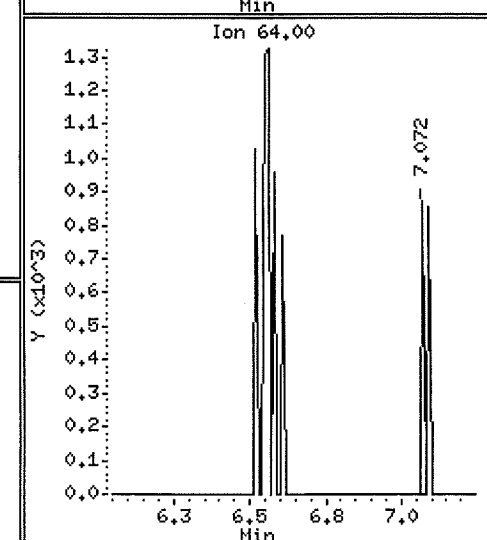


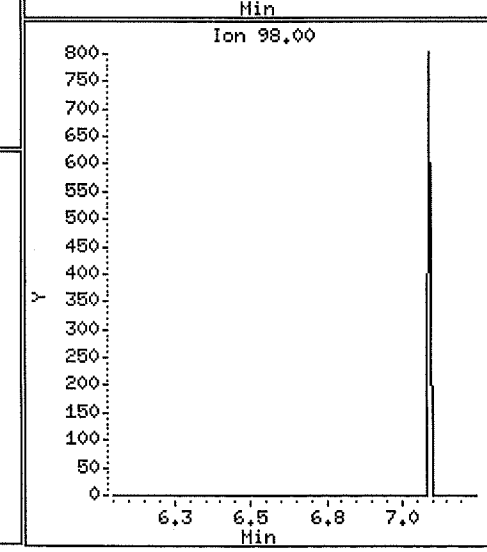












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12611.D

Date : 01-OCT-2000 11:07

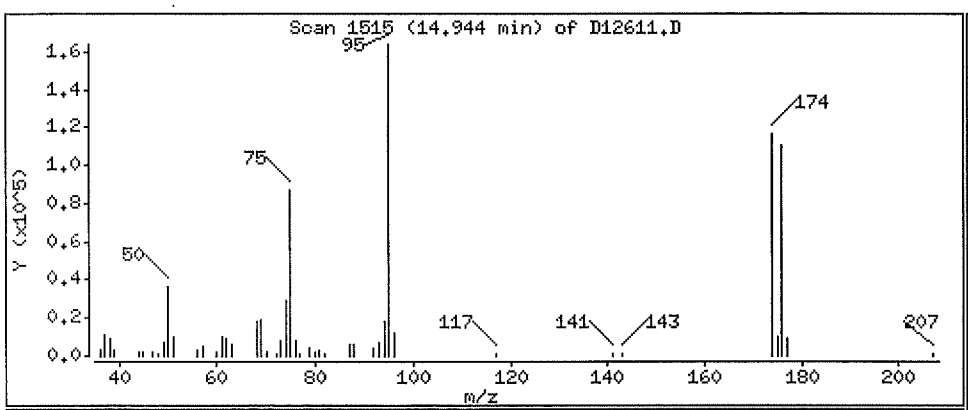
Client ID: D12611 Instrument: md.i

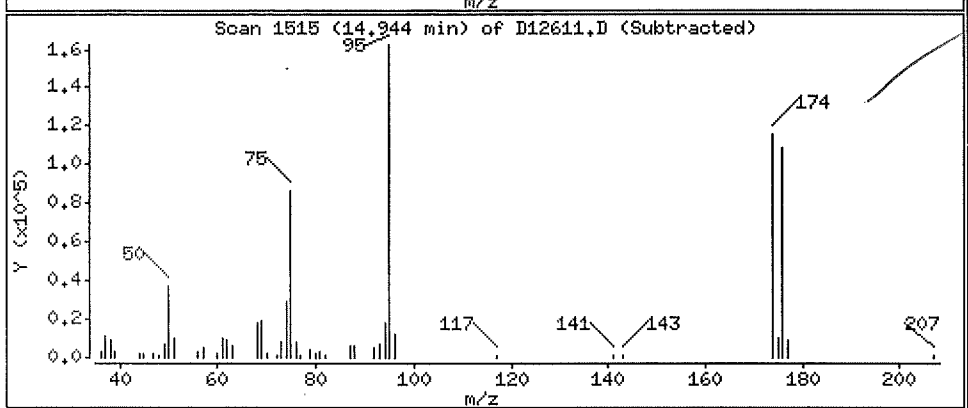
Sample Info: MB-1001AD,BLANK,2,,0,1,0,8260BDA.M,D12611

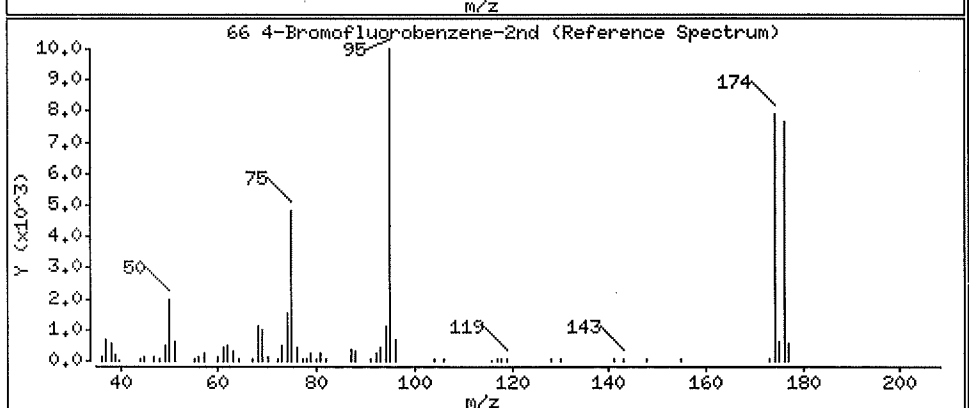
Operator: GFB

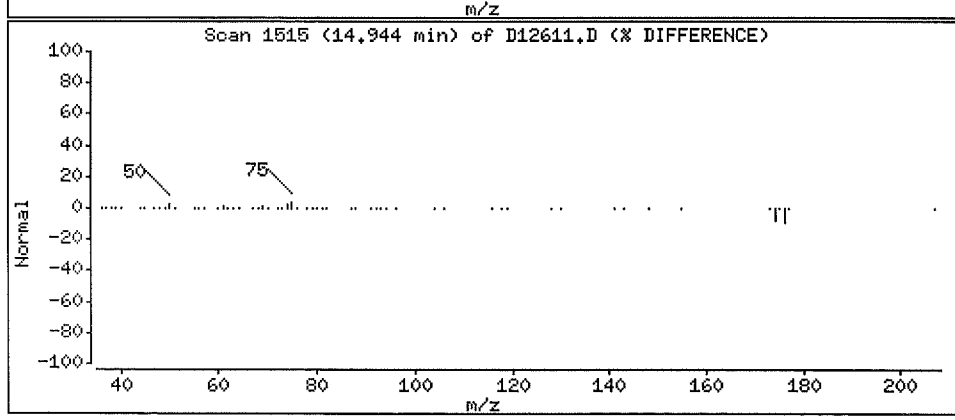
Column phase: J&W DB-624 Column diameter: 0.53

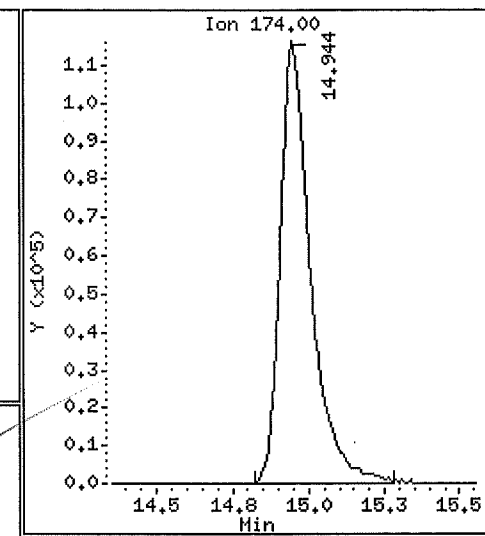
66 4-Bromofluorobenzene-2nd Concentration: 43.98 ug/Kg

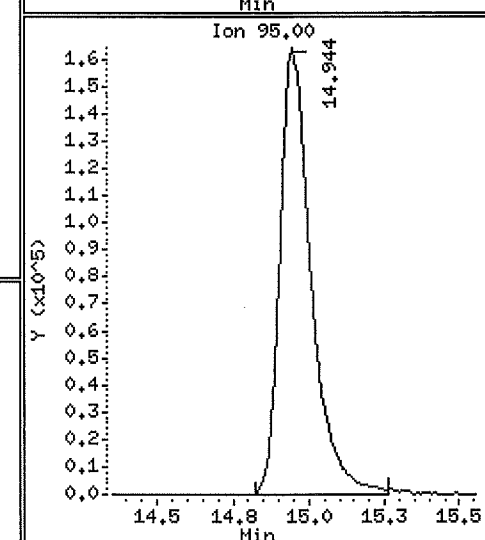


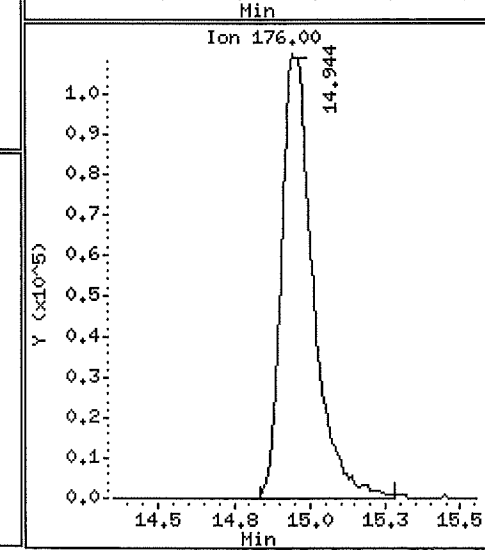












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12611.D

Date : 01-OCT-2000 11:07

Client ID: D12611

Instrument: md.i

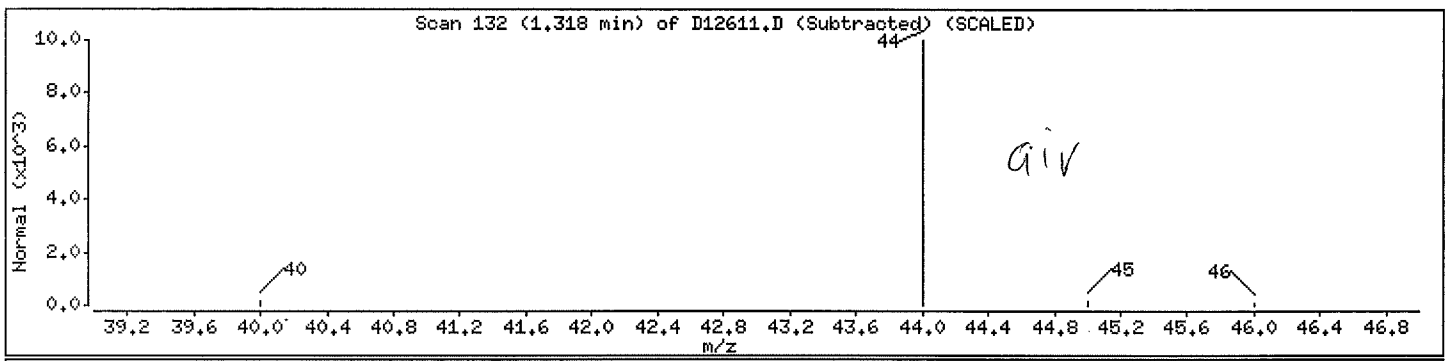
Sample Info: MB-1001AD,BLANK,2,,0,1,0,8260BDA,M,D12611

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



000598

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12611.D

Date : 01-OCT-2000 11:07

Client ID: D12611

Instrument: md.i

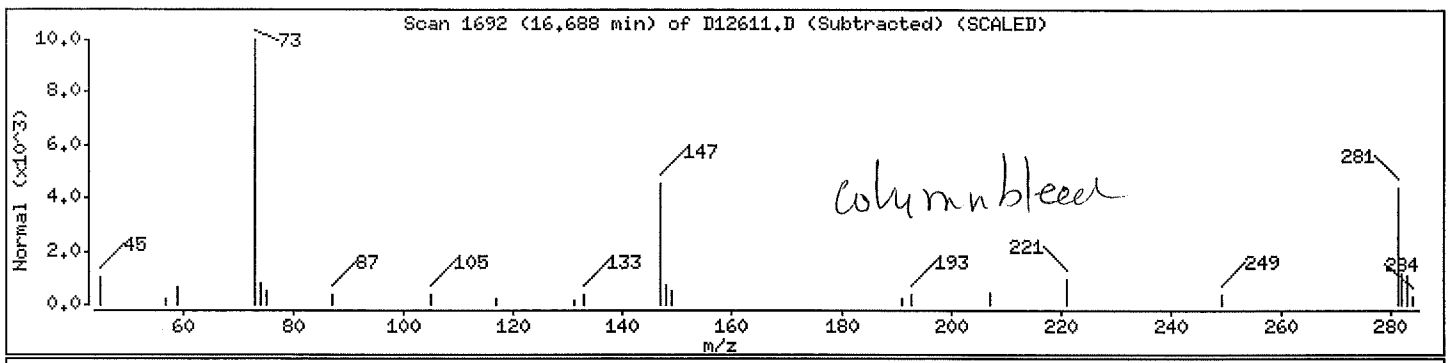
Sample Info: MB-1001AD,BLANK,2,,0,1,0,8260BDA,M,D12611

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\1001AD.B\D12610.D
Lab Smp Id: LCS-1001AD Client Smp ID: D12610
Inj Date : 01-OCT-2000 10:35
Operator : GFB Inst ID: md.i
Smp Info : LCS-1001AD,LCS,2,,0,1,0,8260BDA.M,D12610
Misc Info : 1235-2,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1001AD.B\8260BDA.m
Meth Date : 01-Oct-2000 10:18 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	2.779	2.787	(0.392)	362828	47.0140	47.01
$ 29 Dibromofluoromethane	111	5.971	5.989	(0.843)	964757	50.3918	50.39
$ 33 1,2-Dichloroethane-d4	65	6.513	6.521	(0.919)	733118	52.0074	52.01
34 1,2-Dichloroethane-d4 2nd	102	6.523	6.521	(0.921)	147596	49.0497	49.05
35 Benzene	78	6.582	6.590	(0.929)	1241316	47.4344	47.43
* 38 Fluorobenzene	96	7.084	7.082	(1.000)	1413105	50.0000	
39 Trichloroethene	130	7.725	7.732	(1.090)	656413	50.0588	50.06
$ 47 Toluene-d8	98	9.912	9.920	(0.786)	1473178	49.7009	49.70
48 Toluene (*)	91	10.030	10.028	(0.795)	1575972	50.1851	50.18
* 56 Chlorobenzene-d5	117	12.611	12.600	(1.000)	1337613	50.0000	
57 Chlorobenzene (**)	112	12.651	12.659	(1.003)	1208389	49.0472	49.05
$ 67 4-Bromofluorobenzene	95	14.937	14.954	(0.866)	1195656	45.4266	45.43
66 4-Bromofluorobenzene-2nd	174	14.956	14.954	(0.867)	818116	44.9566	44.96
* 79 1,4-Dichlorobenzene-d4	152	17.252	17.260	(1.000)	954036	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1001AD.B\D12610.D

Date : 01-OCT-2000 10:35

Client ID: D12610

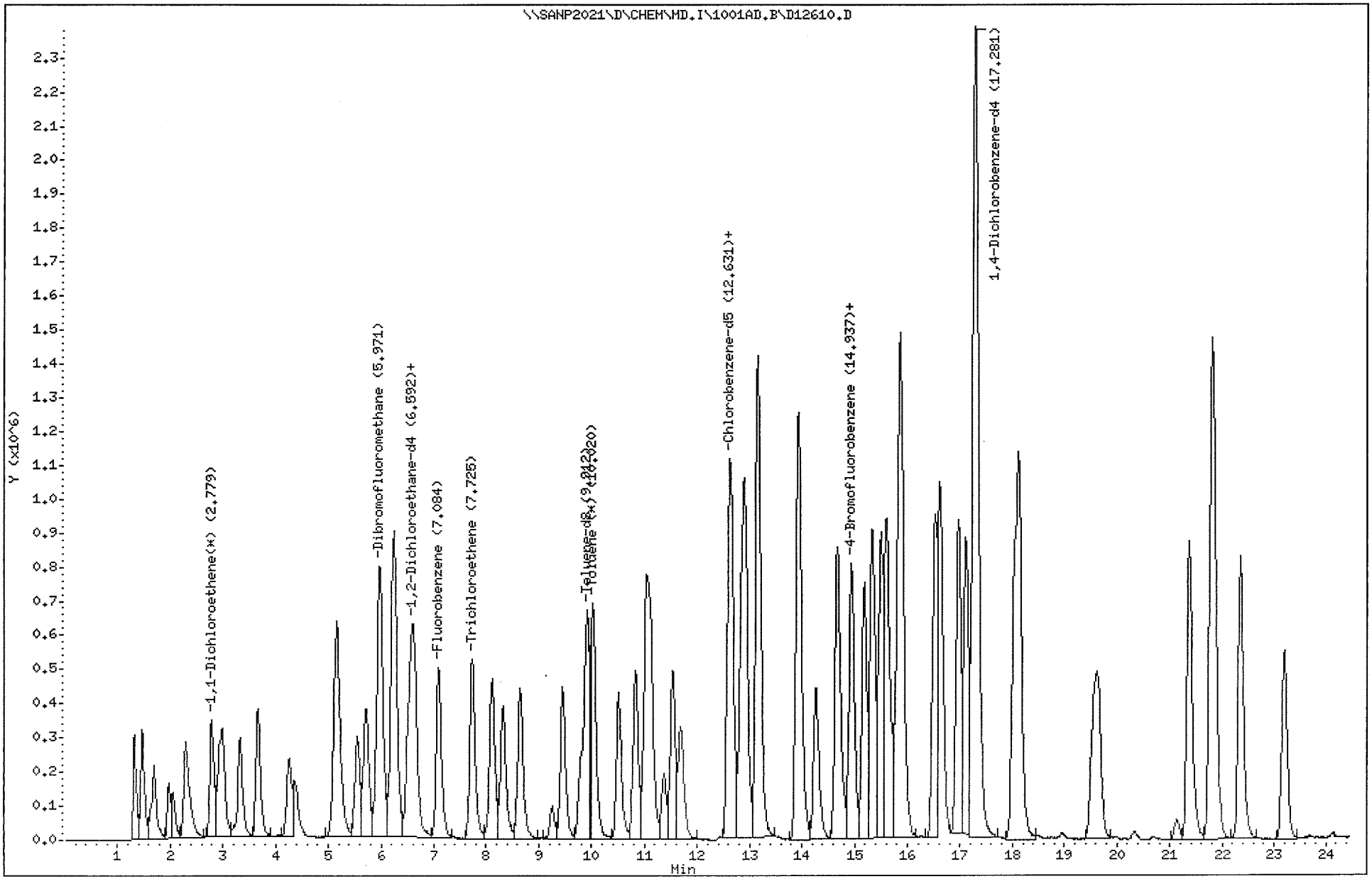
Sample Info: LCS-1001AD,LCS,2,,0,1,0,8260BDA.M,D12610

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



BOE-C6-0156142

000601

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1001AD.B\D12621.D
Lab Smp Id: DL3EX10S Client Smp ID: D12621
Inj Date : 01-OCT-2000 16:30
Operator : GFB Inst ID: md.i
Smp Info : DL3EX10S,MS,2,,0,1,0,8260BDA.M,D12621
Misc Info : 285-1S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 13 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

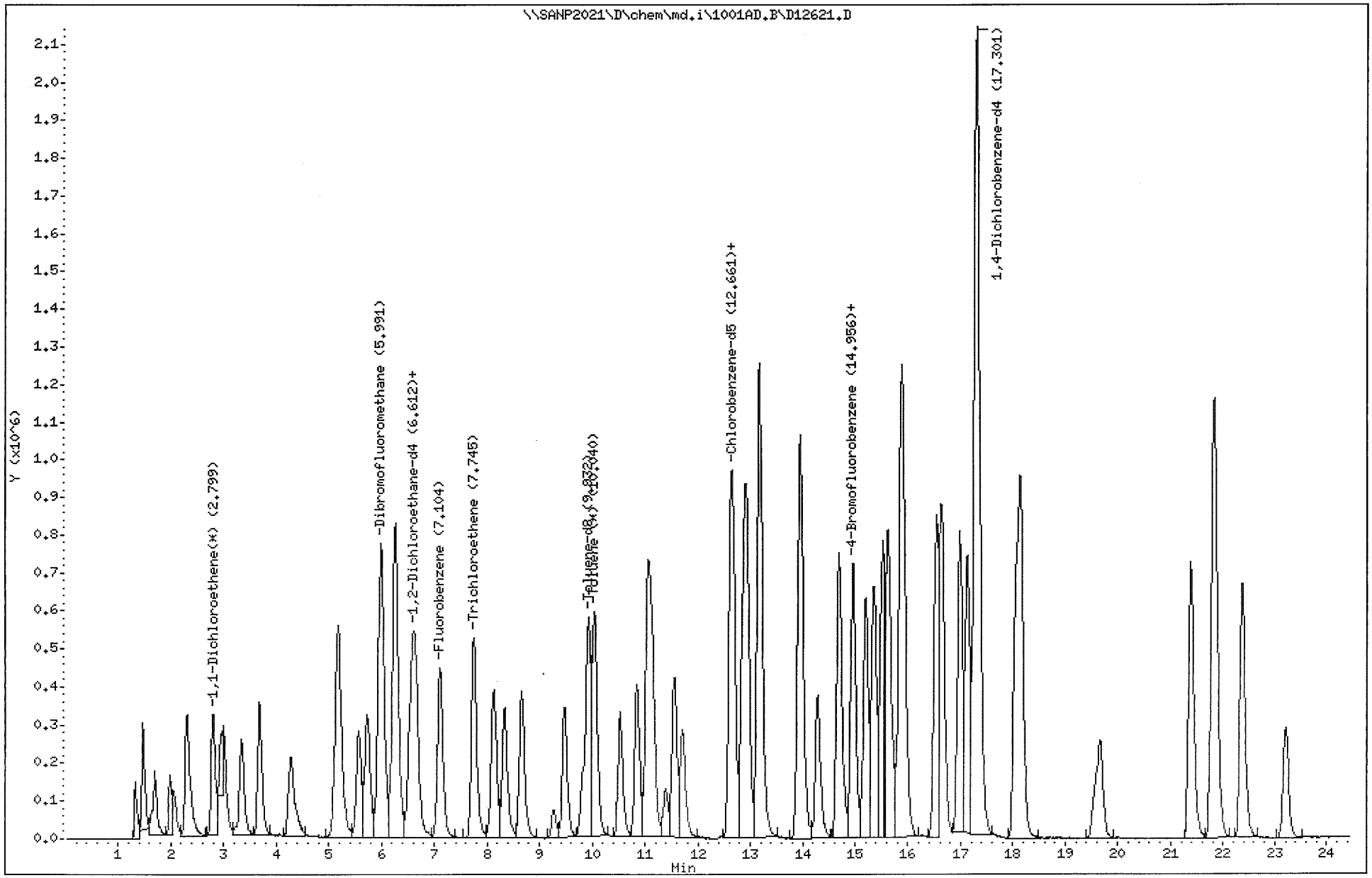
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.799	2.787	(0.394)	348185	49.1602	49.16
$ 29 Dibromofluoromethane	111	5.991	5.989	(0.843)	947174	53.9076	53.91
$ 33 1,2-Dichloroethane-d4	65	6.543	6.521	(0.921)	655539	50.6719	50.67
34 1,2-Dichloroethane-d4 2nd	102	6.523	6.521	(0.918)	121483	43.9899	43.99
35 Benzene	78	6.612	6.590	(0.931)	1082380	45.0681	45.07
* 38 Fluorobenzene	96	7.104	7.082	(1.000)	1296871	50.0000	
39 Trichloroethene	130	7.745	7.732	(1.090)	667914	55.5011	55.50
$ 47 Toluene-d8	98	9.922	9.920	(0.786)	1306751	47.6624	47.66
48 Toluene (*)	91	10.050	10.028	(0.796)	1340929	46.1643	46.16
* 56 Chlorobenzene-d5	117	12.631	12.600	(1.000)	1237248	50.0000	
57 Chlorobenzene (**)	112	12.681	12.659	(1.004)	1081076	47.4392	47.44
$ 67 4-Bromofluorobenzene	95	14.956	14.954	(0.866)	1078999	43.2398	43.24
66 4-Bromofluorobenzene-2nd	174	14.966	14.954	(0.867)	767144	44.4646	44.46
* 79 1,4-Dichlorobenzene-d4	152	17.262	17.260	(1.000)	904495	50.0000	

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12621.D
Date : 01-OCT-2000 16:30
Client ID: D12621
Sample Info: DL3EX10S,MS,2,,0,1,0,8260BDA,M,D12621

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



000603

BOE-C6-0156144

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1001AD.B\D12622.D
Lab Smp Id: DL3EX10D Client Smp ID: D12622
Inj Date : 01-OCT-2000 17:02
Operator : GFB Inst ID: md.i
Smp Info : DL3EX10D,MSD,2,,0,1,0,8260BDA.M,D12622
Misc Info : 285-1D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 14 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	2.794	2.787	(0.393)	331878	46.5665	46.57
$ 29 Dibromofluoromethane	111	6.006	5.989	(0.845)	937221	53.0093	53.01
$ 33 1,2-Dichloroethane-d4	65	6.538	6.521	(0.920)	655242	50.3339	50.33
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.521	(0.918)	127524	45.8903	45.89
35 Benzene	78	6.617	6.590	(0.931)	1044790	43.2323	43.23
* 38 Fluorobenzene	96	7.109	7.082	(1.000)	1304989	50.0000	
39 Trichloroethene	130	7.750	7.732	(1.090)	645172	53.2778	53.28
$ 47 Toluene-d8	98	9.927	9.920	(0.787)	1303519	47.9376	47.94
48 Toluene (*)	91	10.045	10.028	(0.797)	1309605	45.4586	45.46
* 56 Chlorobenzene-d5	117	12.607	12.600	(1.000)	1227104	50.0000	
57 Chlorobenzene (**)	112	12.676	12.659	(1.005)	1026954	45.4368	45.44
$ 67 4-Bromofluorobenzene	95	14.951	14.954	(0.865)	1065720	43.4934	43.49
66 4-Bromofluorobenzene-2nd	174	14.961	14.954	(0.866)	758739	44.7865	44.79
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.260	(1.000)	888154	50.0000	

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12622.D

Date : 01-OCT-2000 17:02

Client ID: D12622

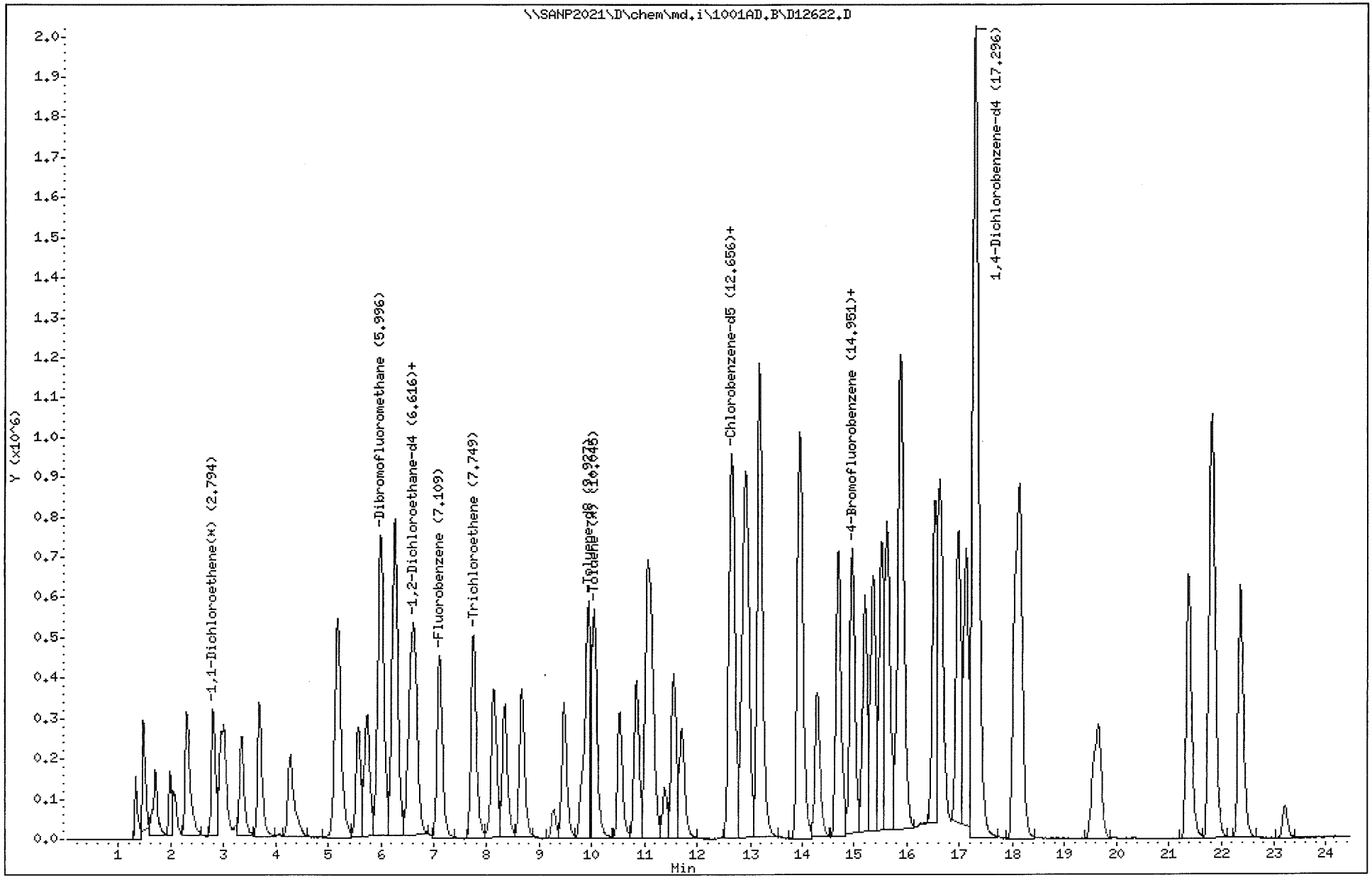
Sample Info: DL3EX10D,MSD,2,,0,1,0,8260BDA.M,D12622

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000605

BOE-C6-0156146

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1001AD.B\D12612.D
Lab Smp Id: DL3EX101 Client Smp ID: D12612
Inj Date : 01-OCT-2000 11:43
Operator : GFB Inst ID: md.i
Smp Info : DL3EX101,,2,,0,1,0,8260BDA.M,D12612
Misc Info : E0I260285-1,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.997	5.989	(0.845)	871985	46.1937	46.19
$ 33 1,2-Dichloroethane-d4	65	6.529	6.521	(0.920)	675535	48.6038	48.60
34 1,2-Dichloroethane-d4 2nd	102	6.539	6.521	(0.921)	132634	44.7042	44.70
* 38 Fluorobenzene	96	7.101	7.082	(1.000)	1393295	50.0000	
$ 47 Toluene-d8	98	9.928	9.920	(0.787)	1431250	46.8466	46.85
* 56 Chlorobenzene-d5	117	12.608	12.600	(1.000)	1378723	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.953	14.954	(0.866)	779334	43.3946	43.39
$ 67 4-Bromofluorobenzene	95	14.953	14.954	(0.866)	1138674	43.8366	43.84
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.260	(1.000)	941524	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\1001AD.B\D12612.D
Lab Smp Id: DL3EX101 Client Smp ID: D12612
Inj Date : 01-OCT-2000 11:43
Operator : GFB Inst ID: md.i
Smp Info : DL3EX101,,2,,0,1,0,8260BDA.M,D12612
Misc Info : E0I260285-1,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.101	3369136	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	1061959	15.7601086	15.76	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3EX101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12612
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	1.317	15.76	J

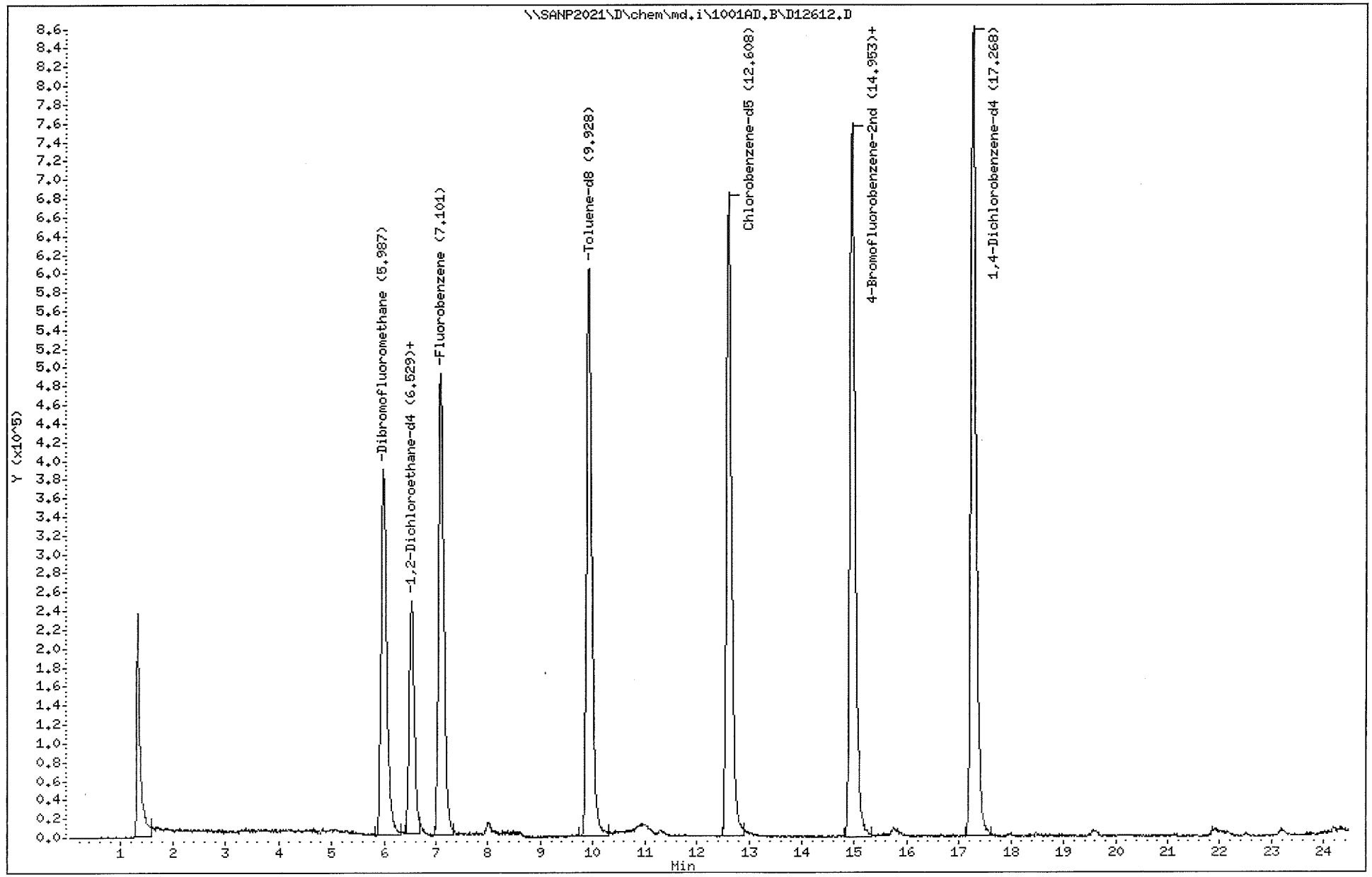
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12612.D
Date : 01-OCT-2000 11:43
Client ID: D12612
Sample Info: DL3EX101,,2,,0,1,0,8260BDA.M,D12612

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000609

BOE-C6-0156150

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12612.D

Date : 01-OCT-2000 11:43

Client ID: D12612

Instrument: md.i

Sample Info: DL3EX101,,2,,0,1,0,8260BDA.M,D12612

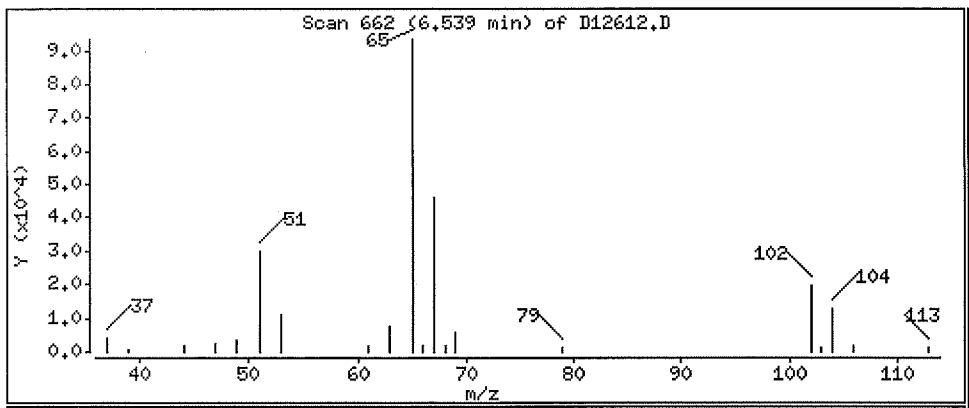
Operator: GFB

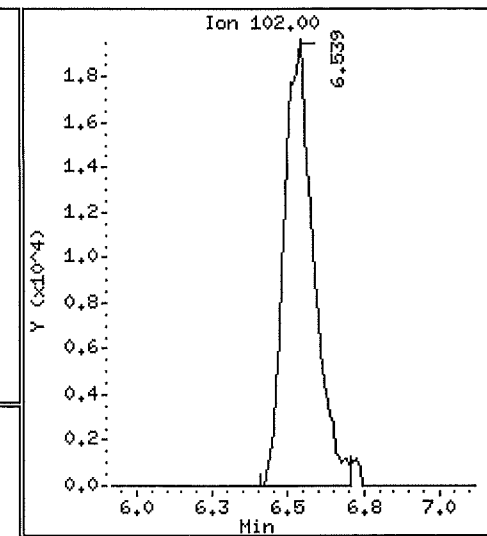
Column phase: J&W DB-624

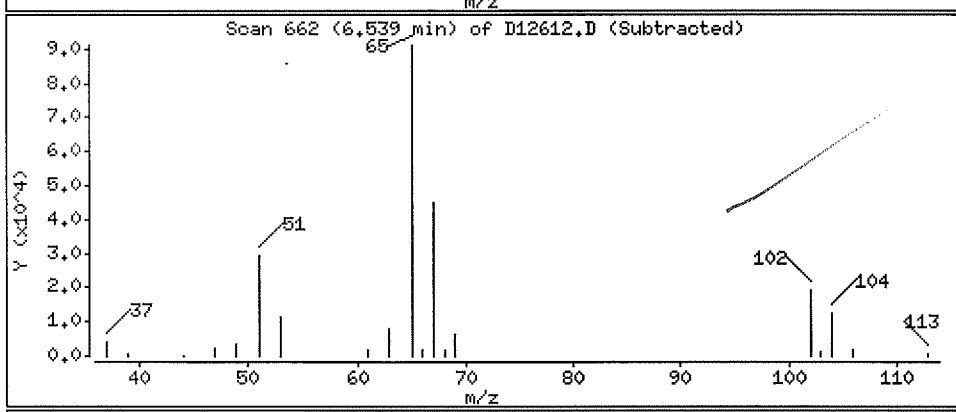
Column diameter: 0.53

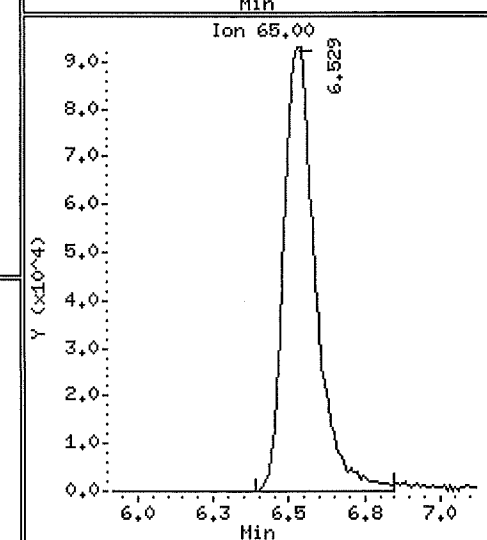
34 1,2-Dichloroethane-d4 2nd

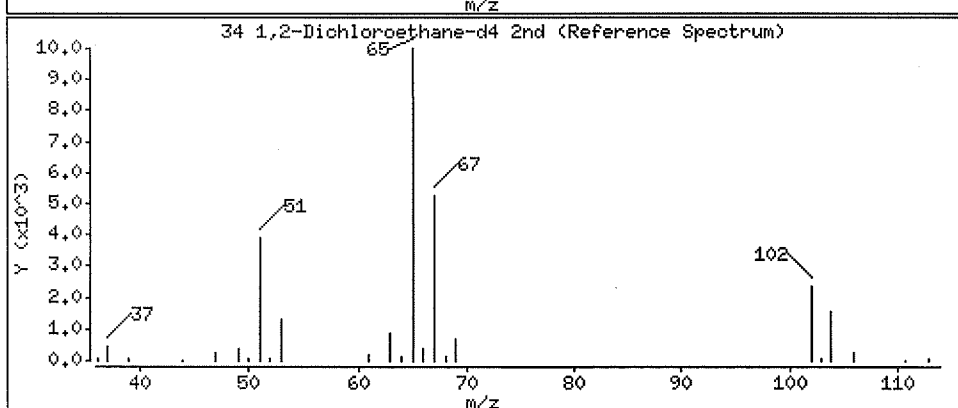
Concentration: 44.70 ug/Kg

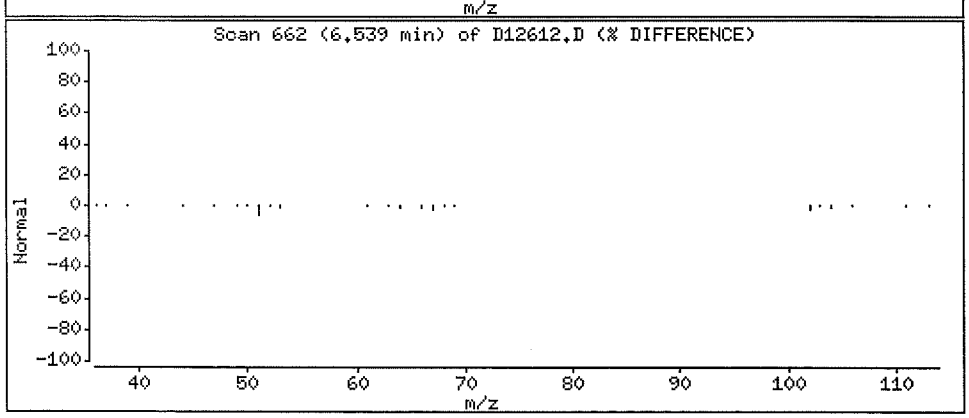












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12612.D

Date : 01-OCT-2000 11:43

Client ID: D12612

Instrument: md.i

Sample Info: DL3EX101,,2,,0,1,0,8260BDA.M,D12612

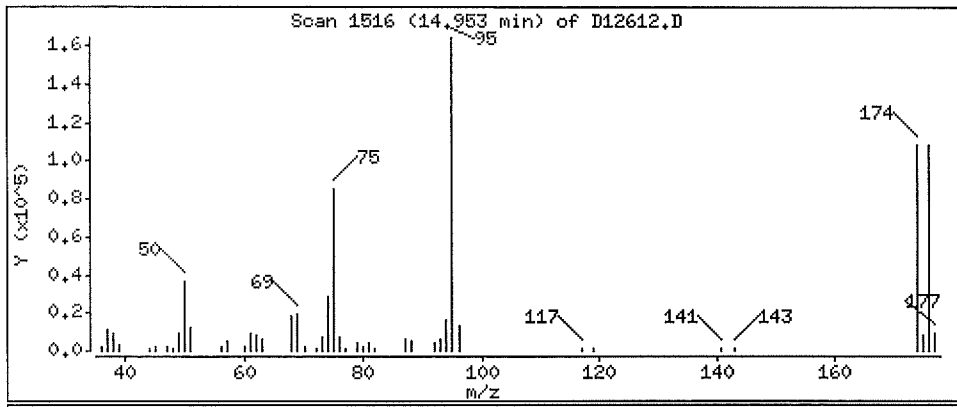
Operator: GFB

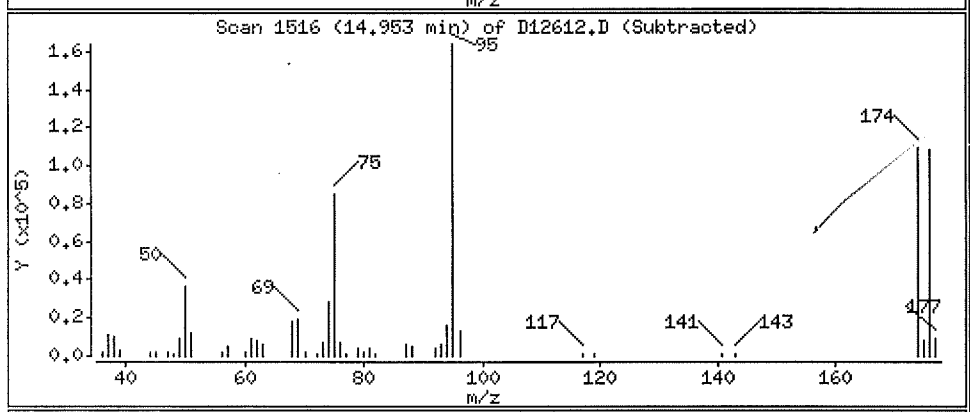
Column phase: J&W DB-624

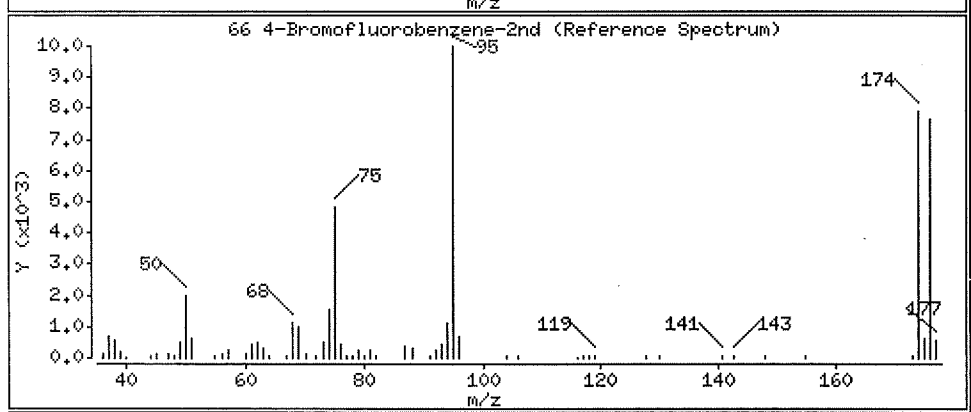
Column diameter: 0.53

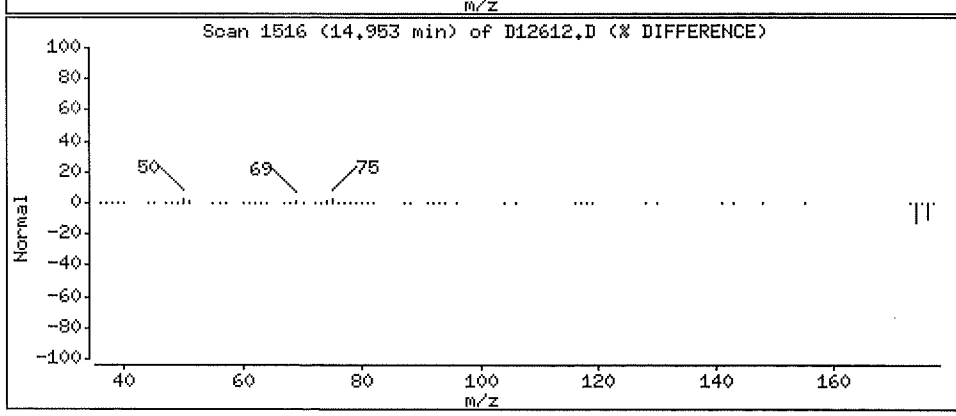
66 4-Bromofluorobenzene-2nd

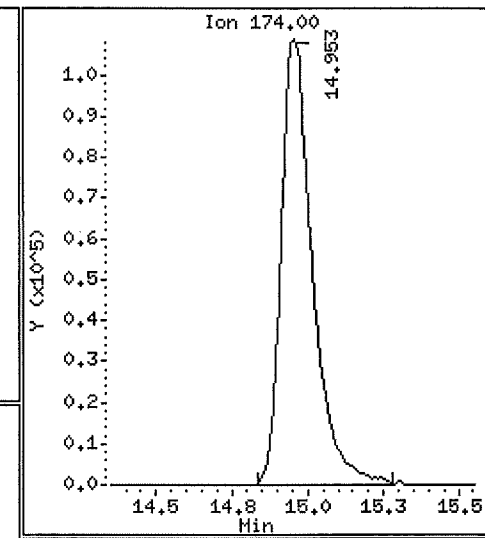
Concentration: 43.39 ug/Kg

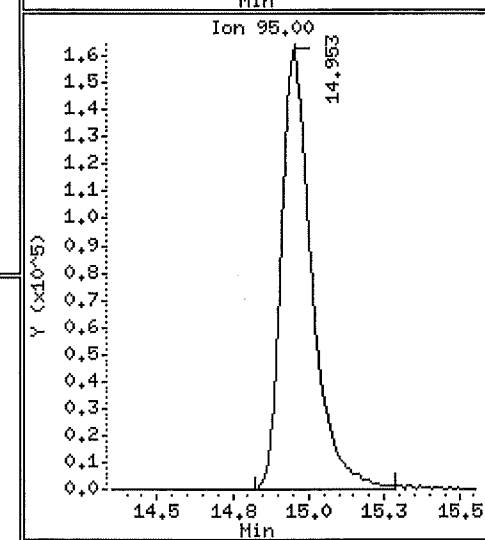


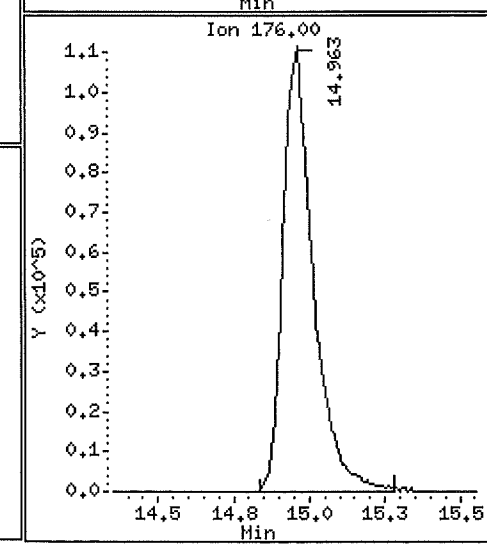












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12612.D

Date : 01-OCT-2000 11:43

Client ID: D12612

Instrument: md.i

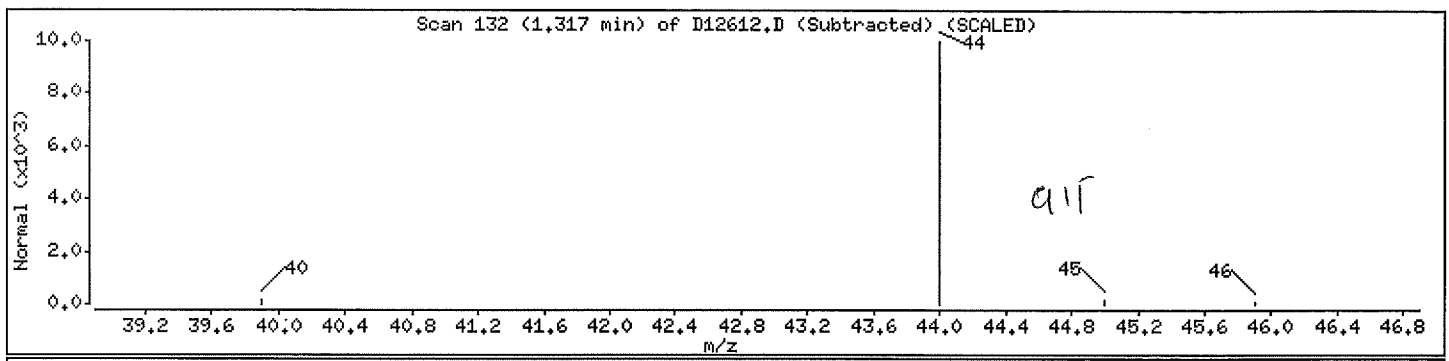
Sample Info: DL3EX101,,2,,0,1,0,8260BDA.M,D12612

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



air

000612

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1001AD.B\D12613.D
Lab Smp Id: DL3FW101 Client Smp ID: D12613
Inj Date : 01-OCT-2000 12:15
Operator : GFB Inst ID: md.i
Smp Info : DL3FW101,,2,,0,1,0,8260BDA.M,D12613
Misc Info : 285-2,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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)
16 Acrylonitrile	53	4.046	3.654	(0.569)	1657	1.14607	1.15(a)
$ 29 Dibromofluoromethane	111	5.997	5.989	(0.843)	883433	46.4347	46.43
$ 33 1,2-Dichloroethane-d4	65	6.529	6.521	(0.918)	635046	45.3339	45.33
34 1,2-Dichloroethane-d4 2nd	102	6.539	6.521	(0.920)	128517	42.9783	42.98
36 1,2-Dichloroethane	62	7.110	6.649	(1.000)	19188	1.24663	1.25(aQ)
* 38 Fluorobenzene	96	7.110	7.082	(1.000)	1404260	50.0000	
$ 47 Toluene-d8	98	9.918	9.920	(0.786)	1409539	47.0587	47.06
* 56 Chlorobenzene-d5	117	12.618	12.600	(1.000)	1351690	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.953	14.954	(0.865)	777109	44.4584	44.46
$ 67 4-Bromofluorobenzene	95	14.953	14.954	(0.865)	1115592	44.1268	44.13
* 79 1,4-Dichlorobenzene-d4	152	17.278	17.260	(1.000)	916373	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\1001AD.B\D12613.D
Lab Smp Id: DL3FW101 Client Smp ID: D12613
Inj Date : 01-OCT-2000 12:15
Operator : GFB Inst ID: md.i
Smp Info : DL3FW101,,2,,0,1,0,8260BDA.M,D12613
Misc Info : 285-2,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.110	3357050	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	1001848	14.9215546	14.92	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3FW101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12613
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	1.327	14.92	J

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12613.D

Date : 01-OCT-2000 12:15

Client ID: D12613

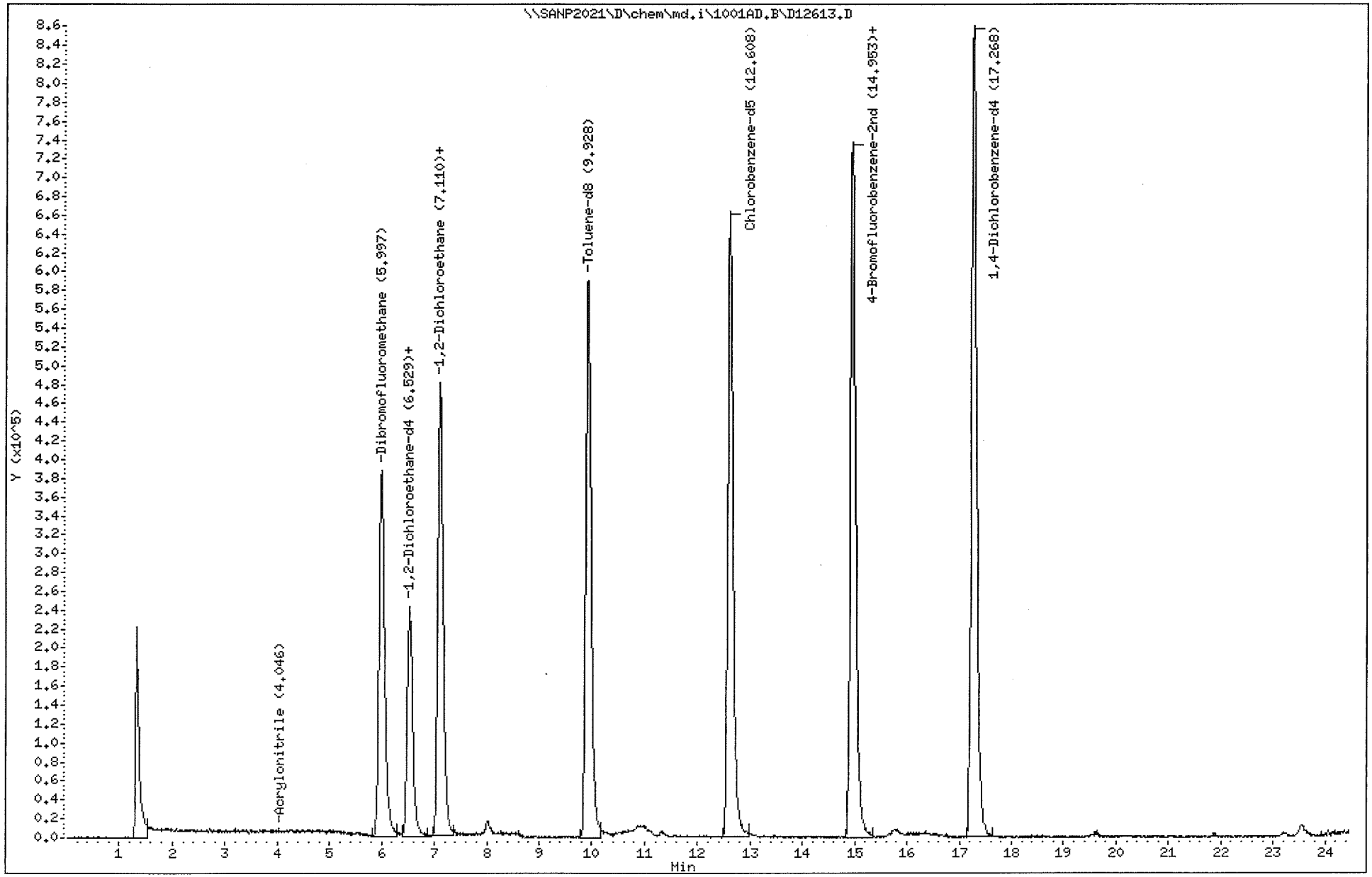
Sample Info: DL3FW101,,2,,0,1,0,8260BDA.M,D12613

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000617

BOE-C6-0156158

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12613.D

Date : 01-OCT-2000 12:15

Client ID: D12613

Instrument: md.i

Sample Info: DL3FW101,,2,,0,1,0,8260BDA.M,D12613

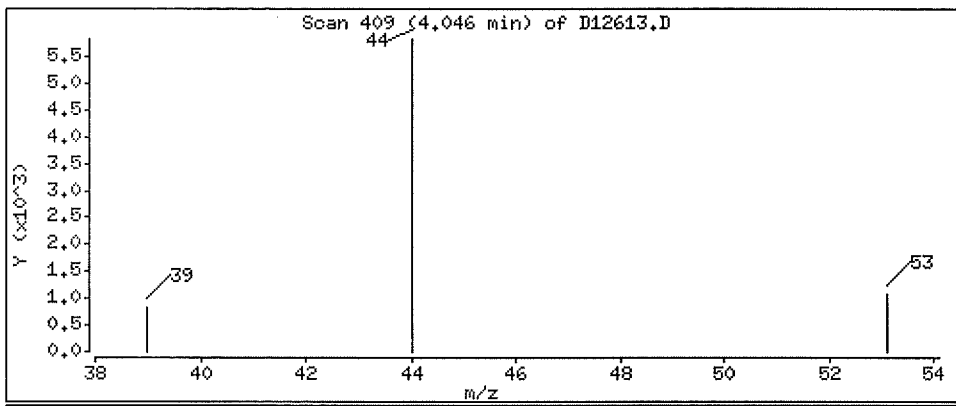
Operator: GFB

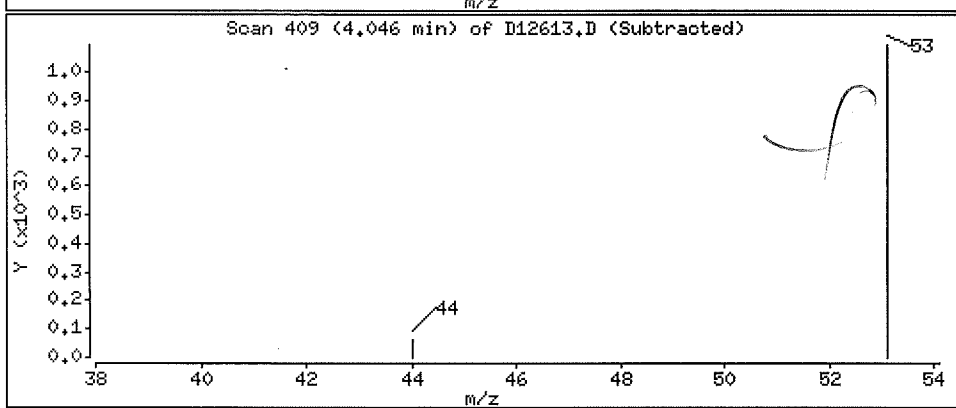
Column phase: J&W DB-624

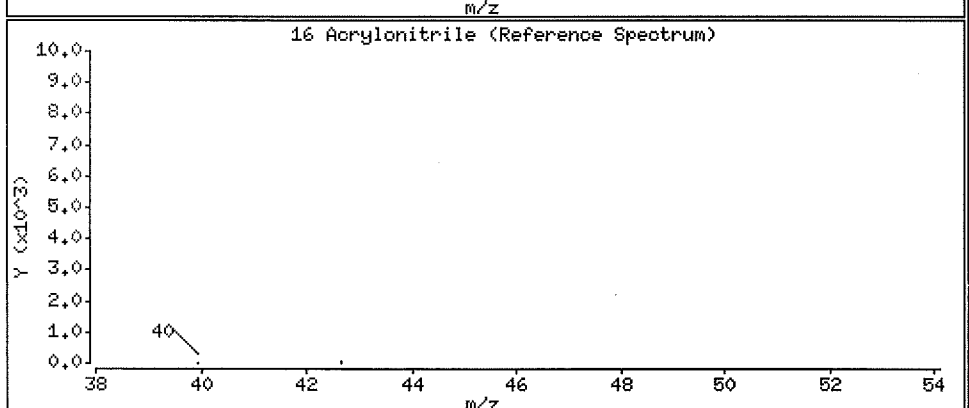
Column diameter: 0.53

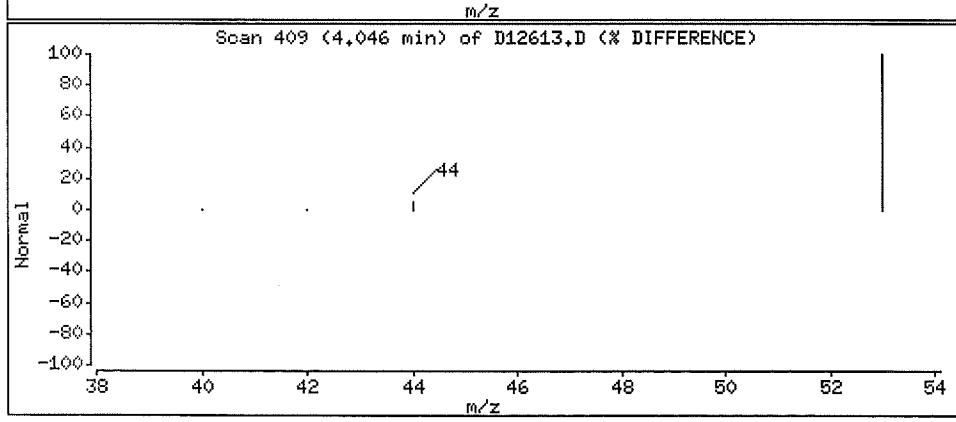
16 Acrylonitrile

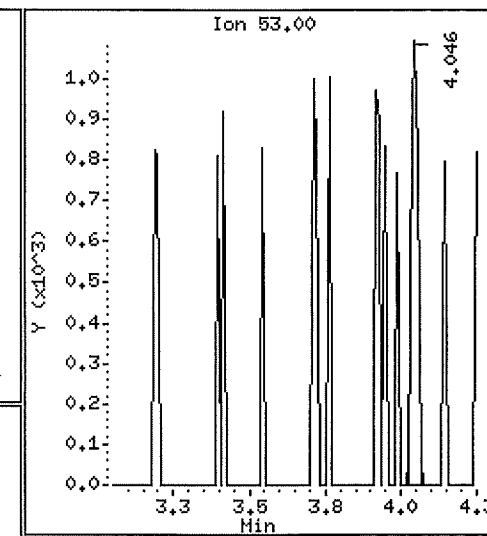
Concentration: 1.15 ug/Kg

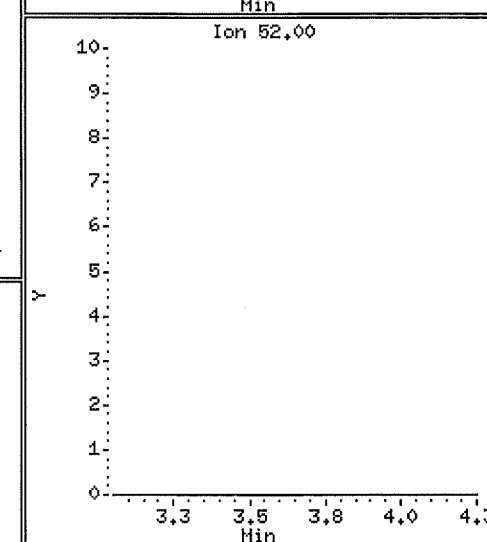


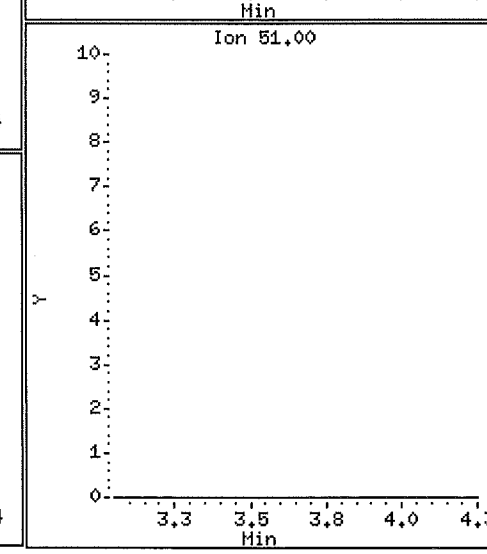












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12613.D

Date : 01-OCT-2000 12:15

Client ID: D12613

Instrument: md.i

Sample Info: DL3FW101,,2,,0,1,0,8260BDA.M,D12613

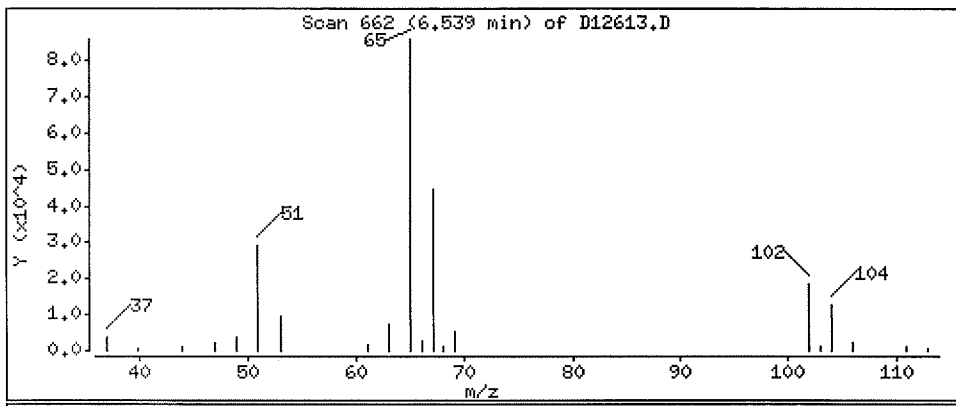
Operator: GFB

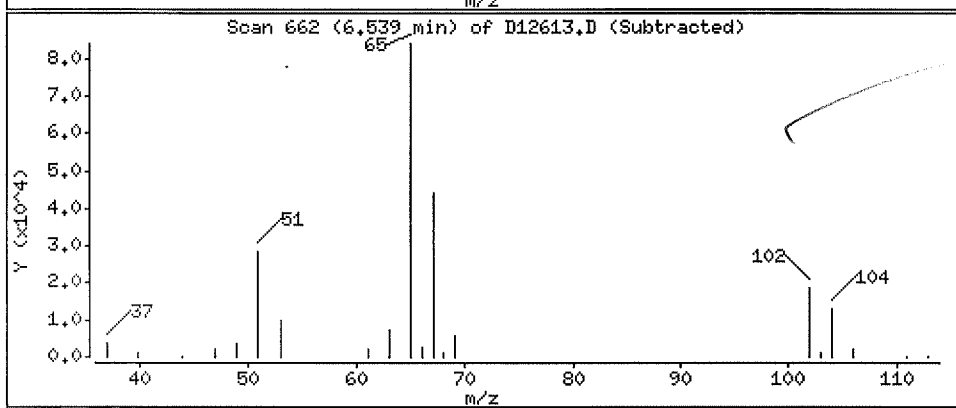
Column phase: J&W DB-624

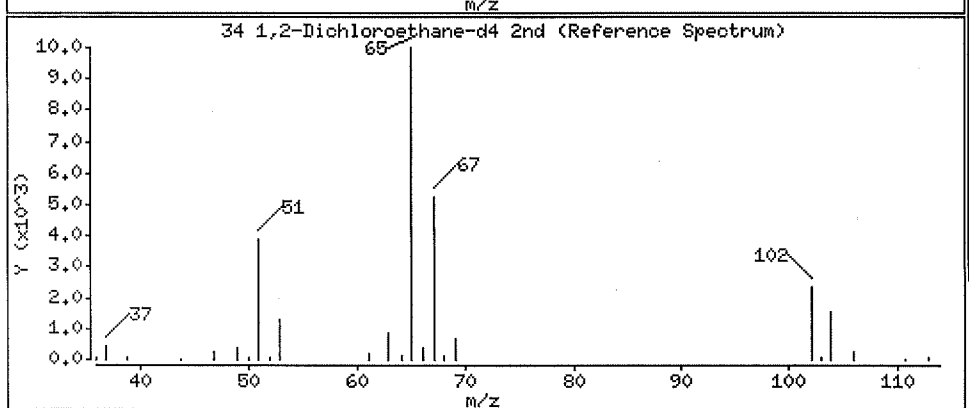
Column diameter: 0.53

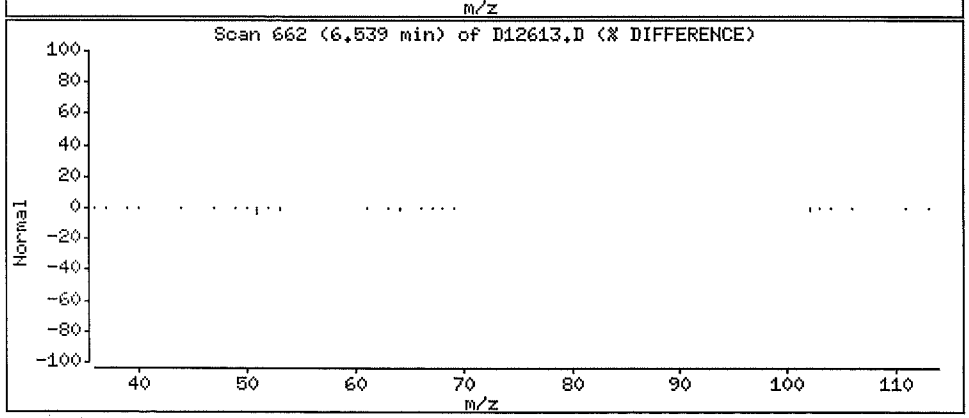
34 1,2-Dichloroethane-d4 2nd

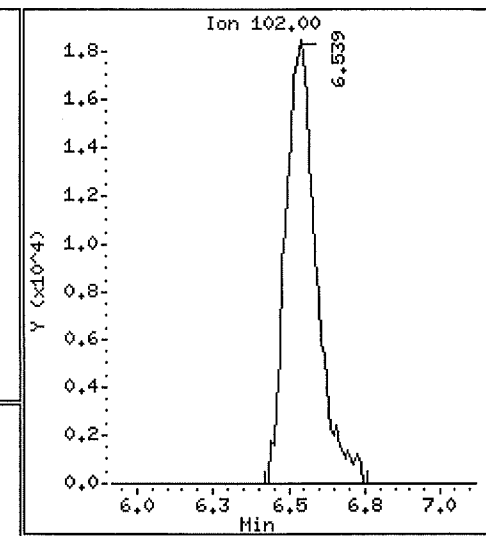
Concentration: 42.98 ug/Kg

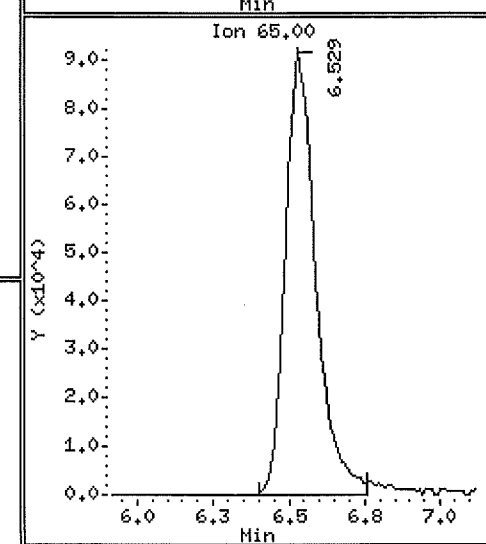












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12613.D

Date : 01-OCT-2000 12:15

Client ID: D12613

Instrument: md.i

Sample Info: DL3FW101,,2,,0,1,0,8260BDA.M,D12613

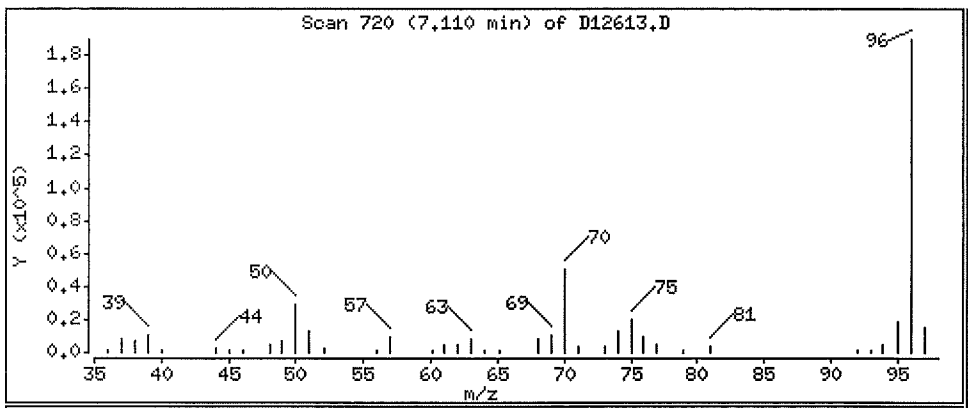
Operator: GFB

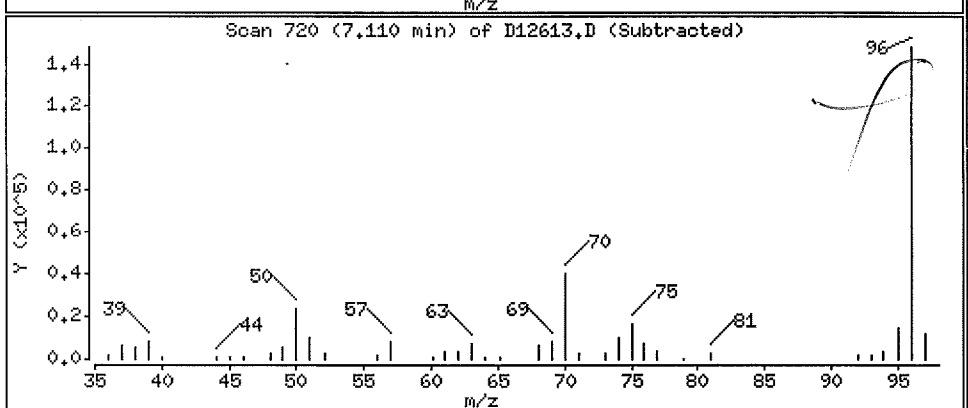
Column phase: J&W DB-624

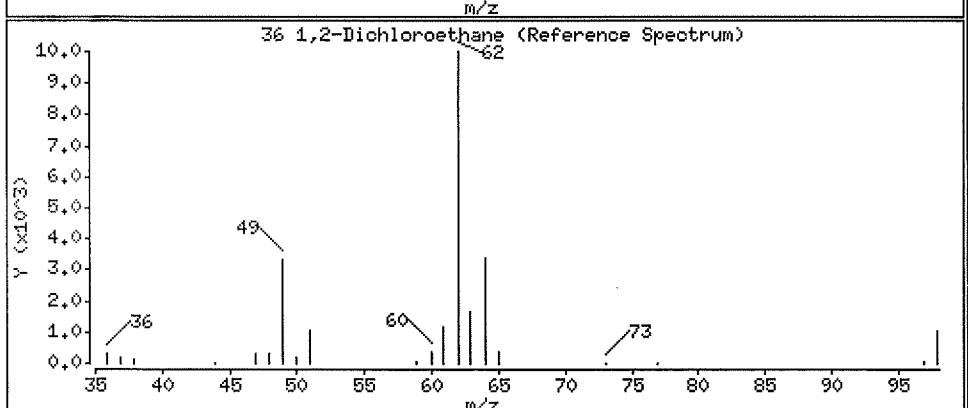
Column diameter: 0.53

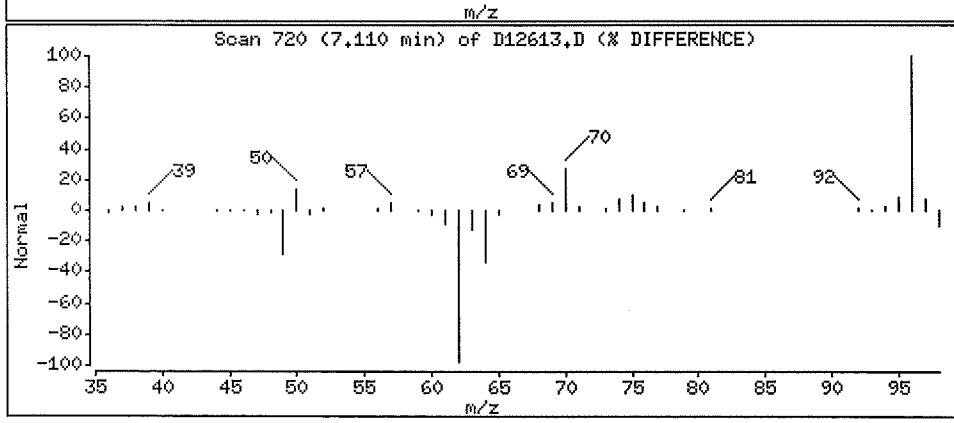
36 1,2-Dichloroethane

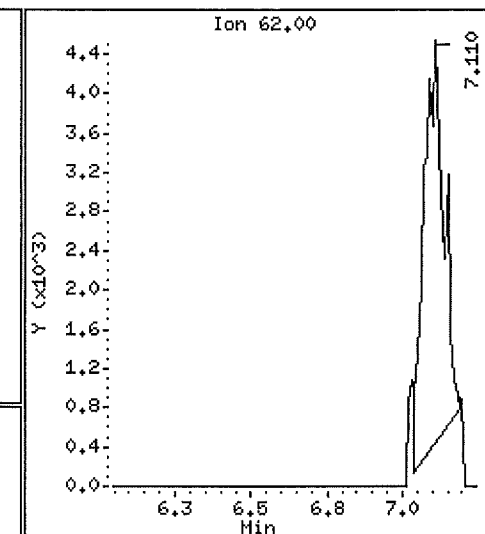
Concentration: 1.25 ug/Kg

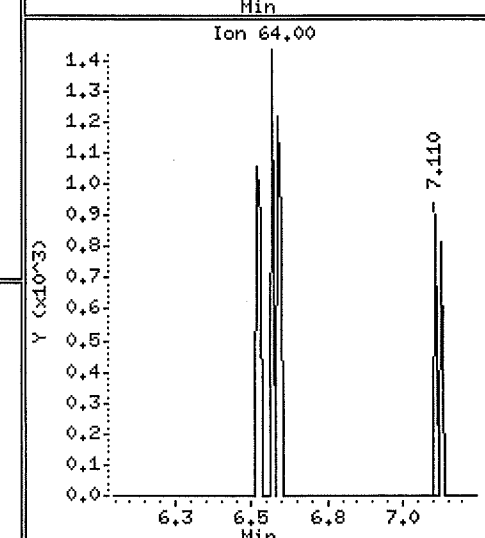


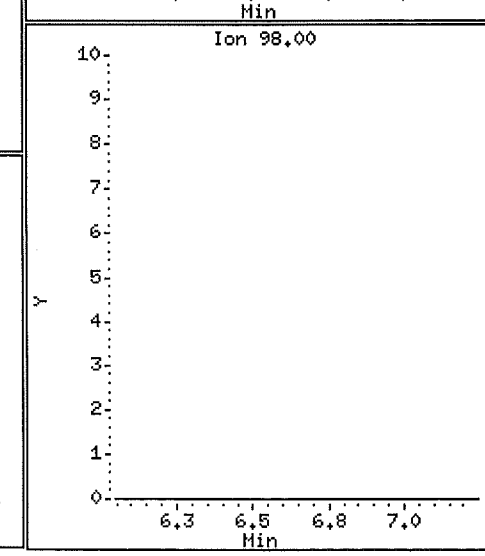












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12613.D

Date : 01-OCT-2000 12:15

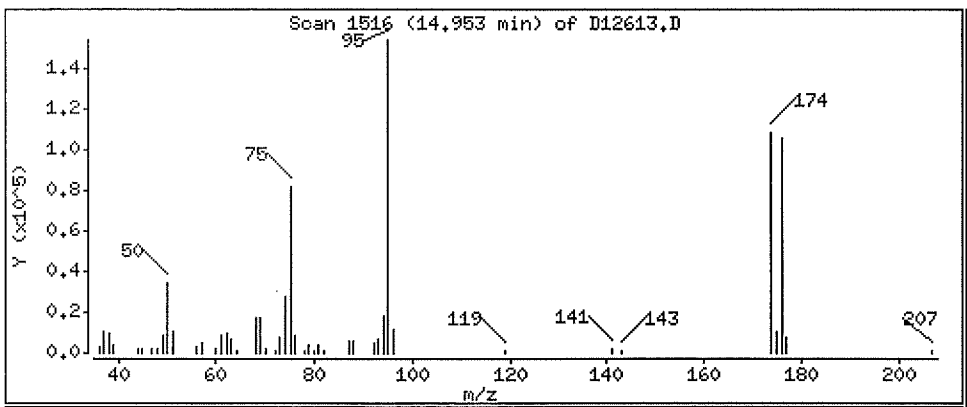
Client ID: D12613 Instrument: md.i

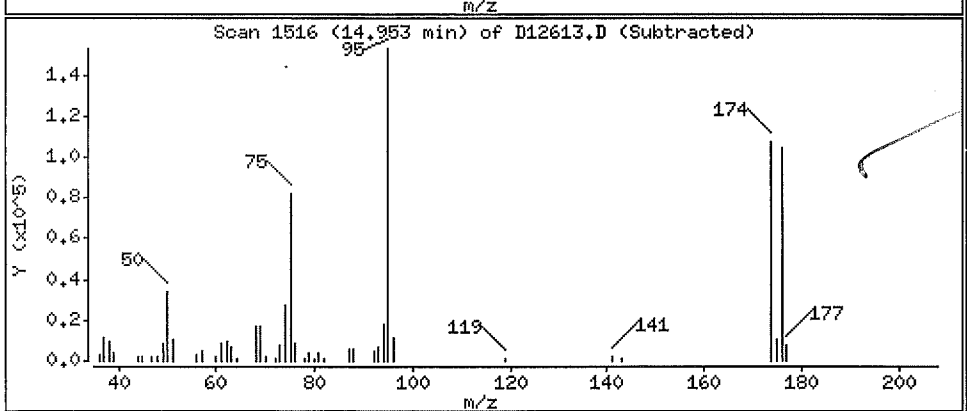
Sample Info: DL3FW101,,2,,0,1,0,8260BDA,M,D12613

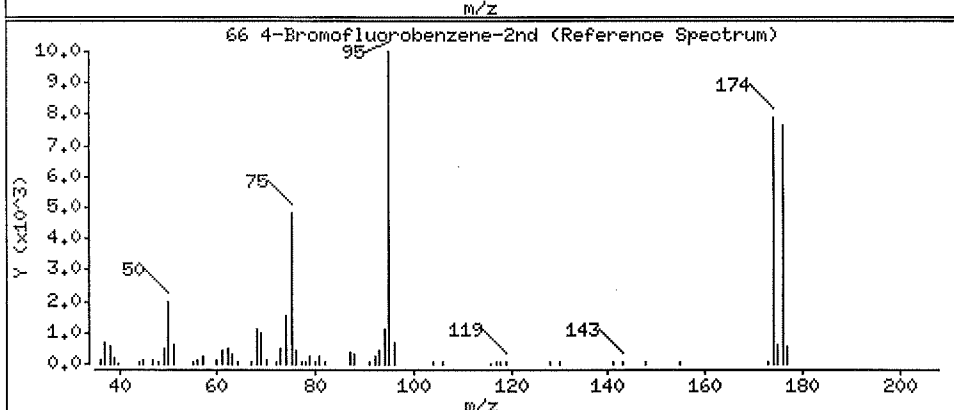
Operator: GFB

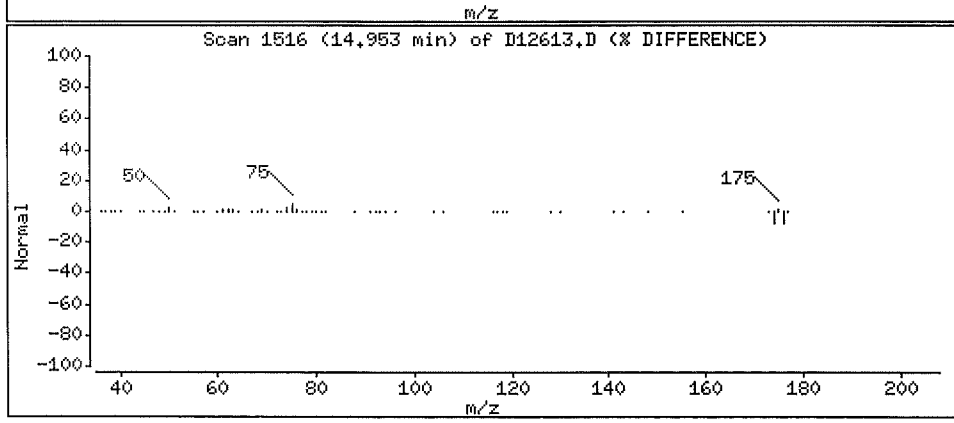
Column phase: J&W DB-624 Column diameter: 0.53

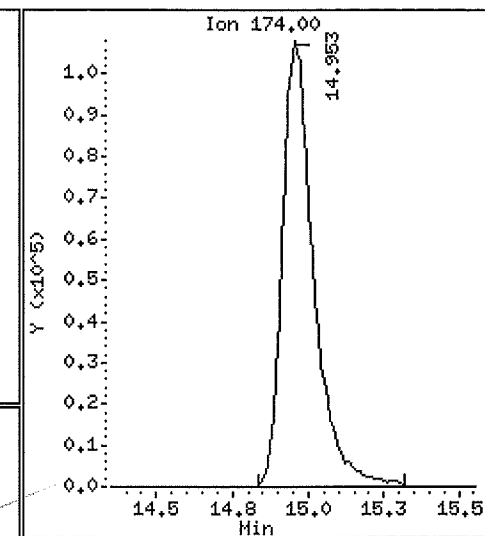
66 4-Bromofluorobenzene-2nd Concentration: 44.46 ug/Kg

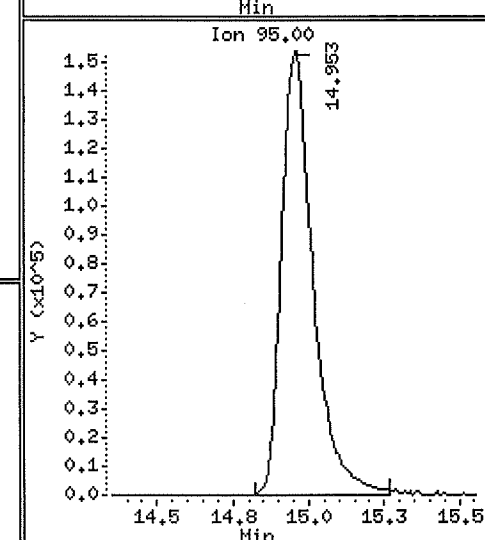


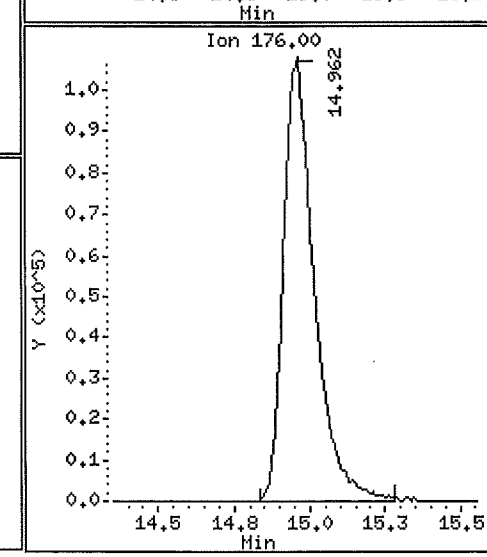












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12613.D

Date : 01-OCT-2000 12:15

Client ID: D12613

Instrument: md.i

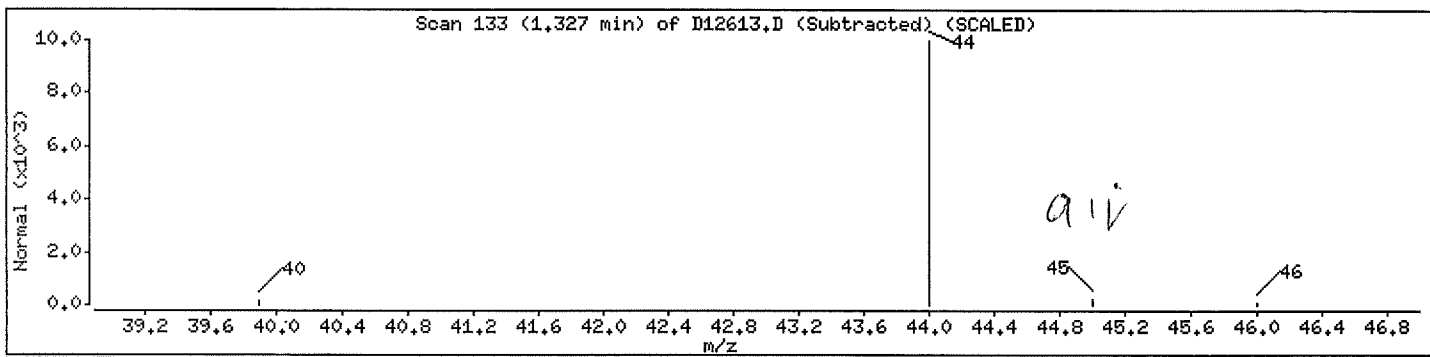
Sample Info: DL3FW101,,2,,0,1,0,8260BDA.M,D12613

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\1001AD.B\D12614.D
Lab Smp Id: DL3G0101 Client Smp ID: D12614
Inj Date : 01-OCT-2000 12:47
Operator : GFB Inst ID: md.i
Smp Info : DL3G0101,,2,,0,1,0,8260BDA.M,D12614
Misc Info : 285-3,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.996	5.989	(0.845)	911183	47.4598	47.46
$ 33 1,2-Dichloroethane-d4	65	6.528	6.521	(0.920)	664553	47.0109	47.01
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.521	(0.920)	128729	42.6593	42.66
* 38 Fluorobenzene	96	7.100	7.082	(1.000)	1417087	50.0000	
$ 47 Toluene-d8	98	9.927	9.920	(0.787)	1412131	46.4685	46.47
* 56 Chlorobenzene-d5	117	12.617	12.600	(1.000)	1371375	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.954	(0.866)	804570	43.4885	43.49
$ 67 4-Bromofluorobenzene	95	14.962	14.954	(0.866)	1150536	42.9968	43.00
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.260	(1.000)	969914	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\1001AD.B\D12614.D
Lab Smp Id: DL3G0101 Client Smp ID: D12614
Inj Date : 01-OCT-2000 12:47
Operator : GFB Inst ID: md.i
Smp Info : DL3G0101,,2,,0,1,0,8260BDA.M,D12614
Misc Info : 285-3,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.100	3426605	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	1034768	15.0990330	15.10	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3G0101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12614
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	15.10	J

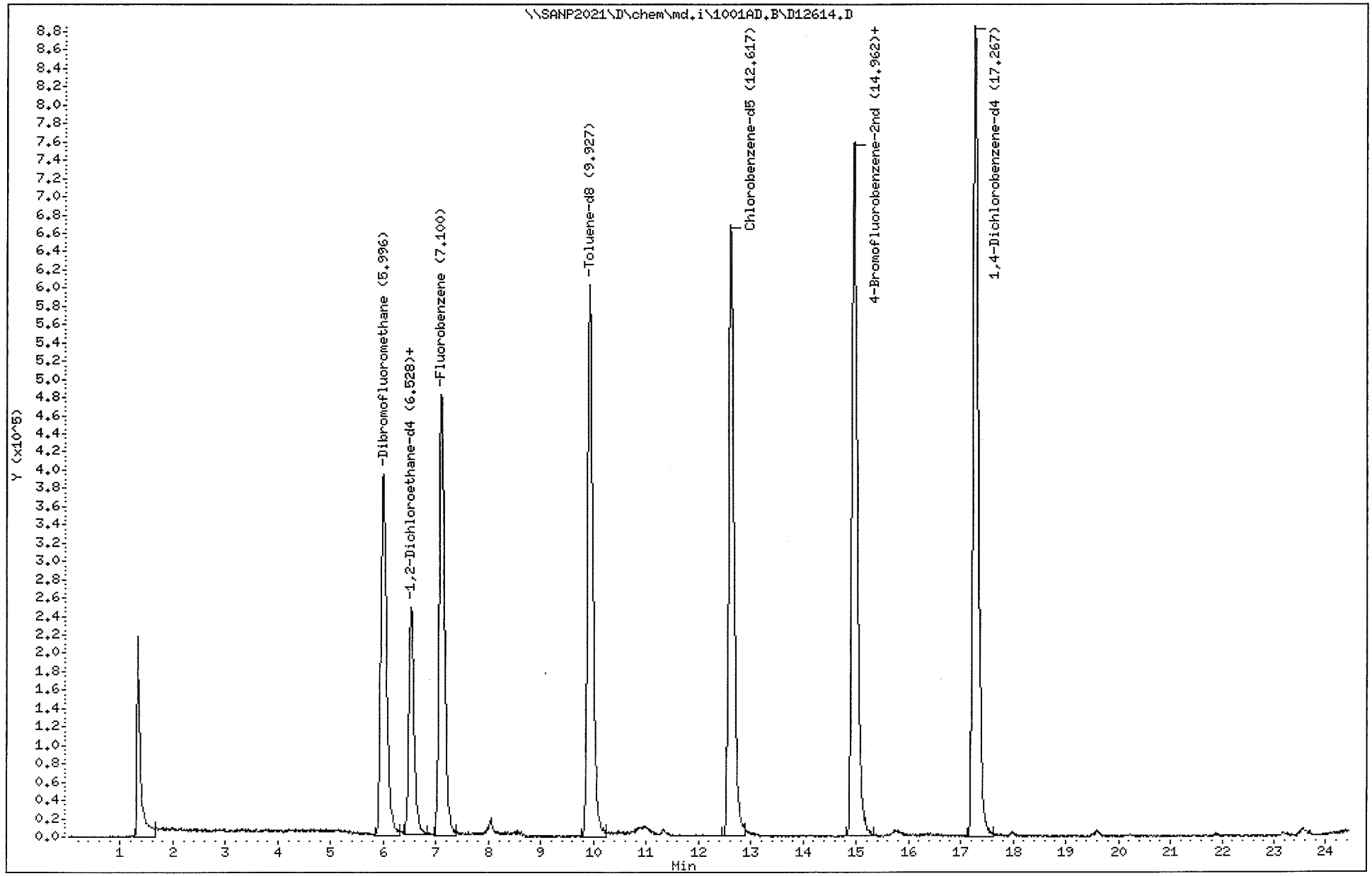
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12614.D
Date : 01-OCT-2000 12:47
Client ID: D12614
Sample Info: DL3G0101,,2,,0,1,0,8260BDA.M,D12614

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000626

BOE-C6-0156167

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12614.D

Date : 01-OCT-2000 12:47

Client ID: D12614

Instrument: md.i

Sample Info: DL3G0101,,2,,0,1,0,8260BDA.M,D12614

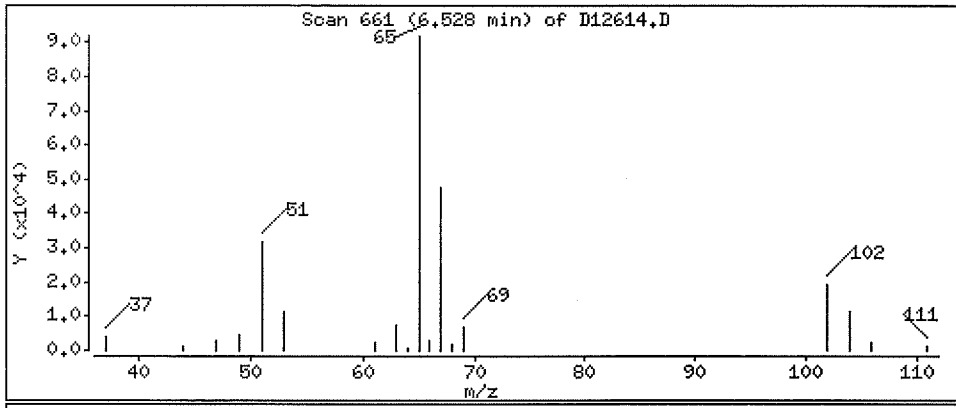
Operator: GFB

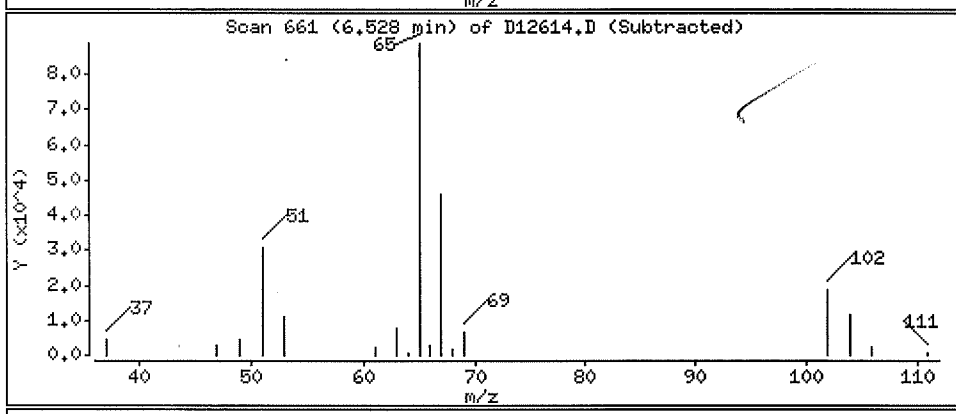
Column phase: J&W DB-624

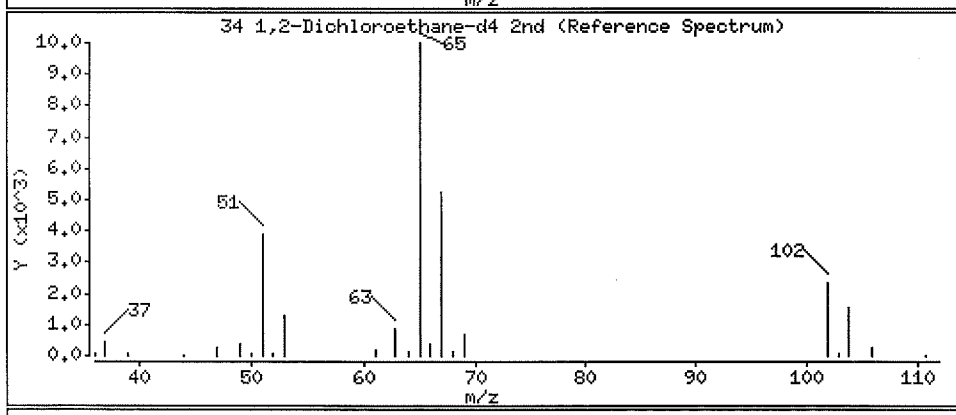
Column diameter: 0.53

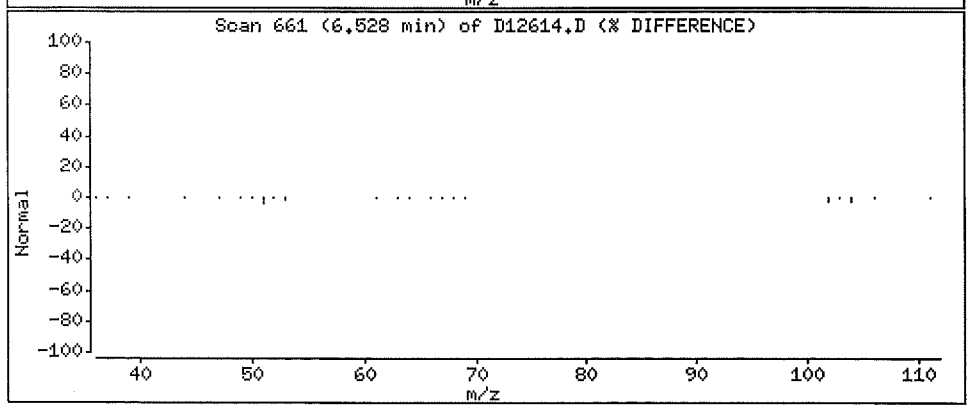
34 1,2-Dichloroethane-d4 2nd

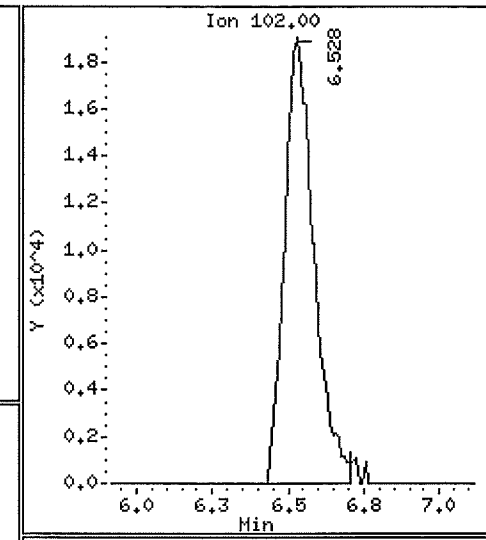
Concentration: 42.66 ug/Kg

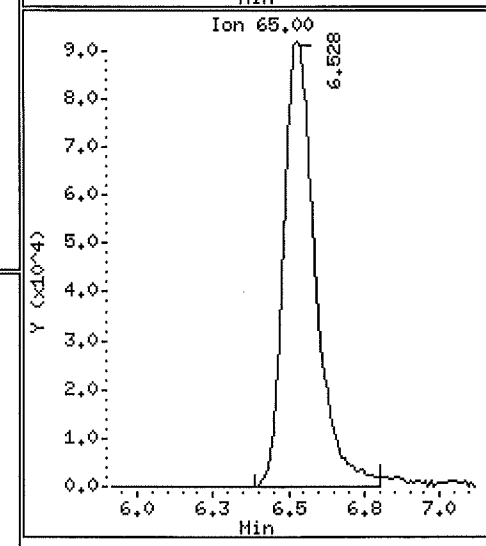












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12614.D

Date : 01-OCT-2000 12:47

Client ID: D12614

Instrument: md.i

Sample Info: DL3G0101,,2,,0,1,0,8260BDA,M,D12614

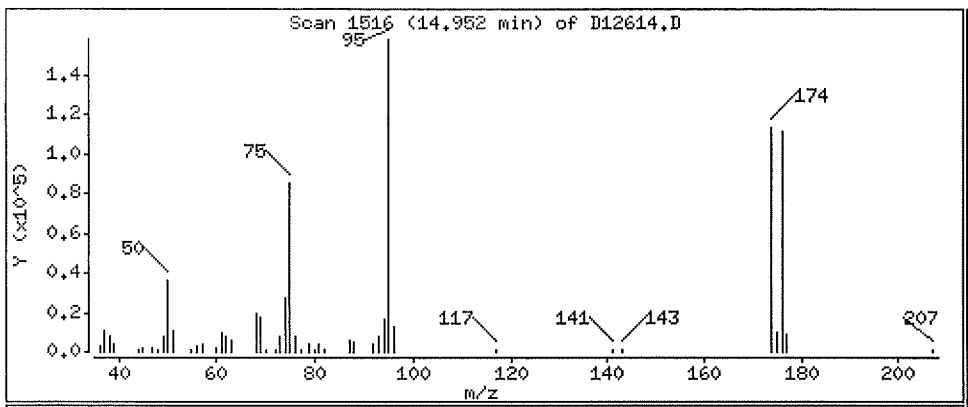
Operator: GFB

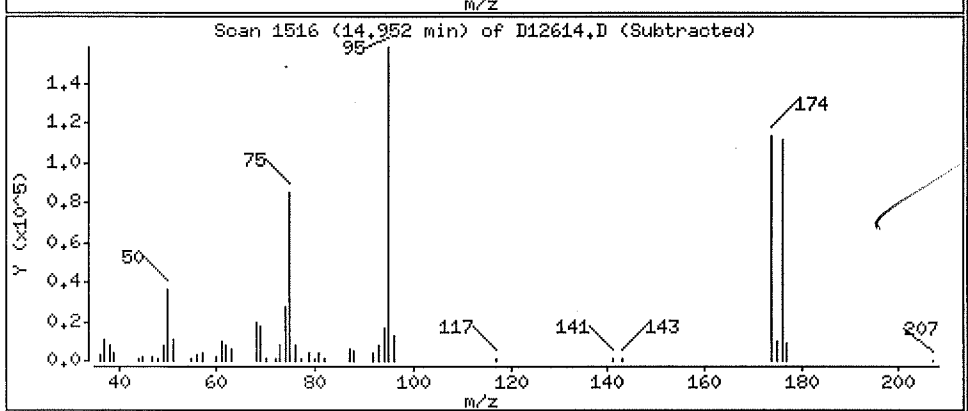
Column phase: J&W DB-624

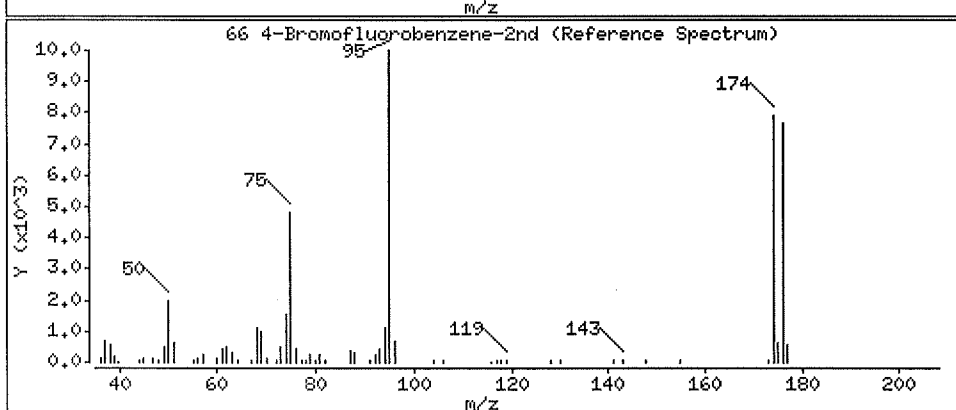
Column diameter: 0.53

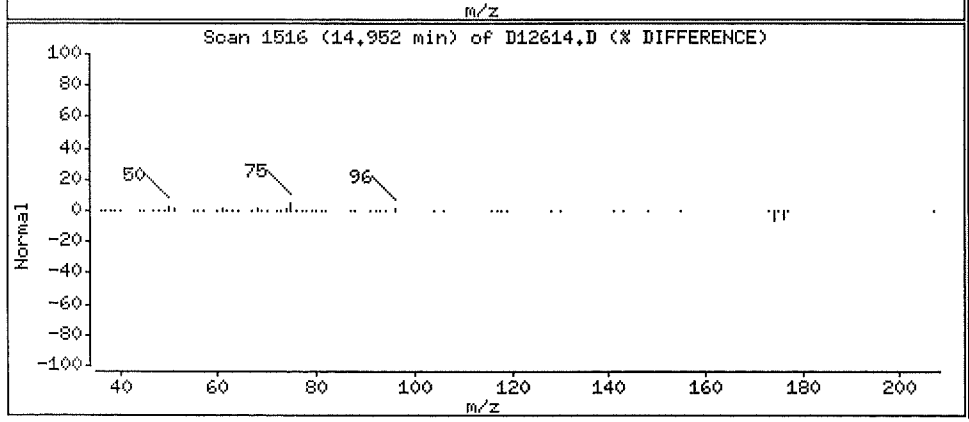
66 4-Bromofluorobenzene-2nd

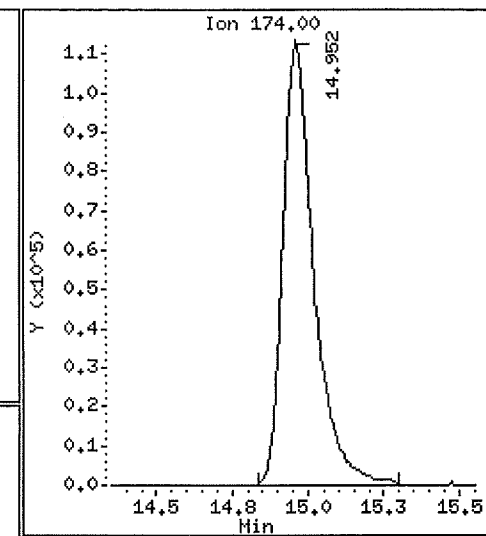
Concentration: 43.49 ug/Kg

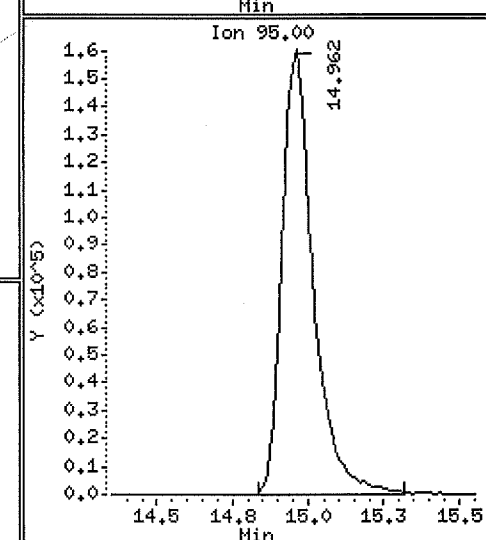


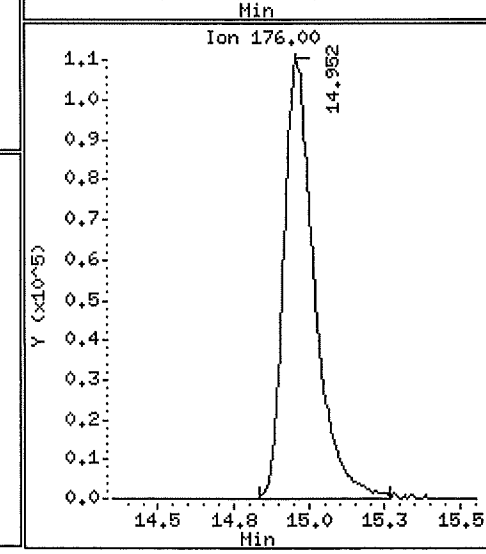












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12614.D

Date : 01-OCT-2000 12:47

Client ID: D12614

Instrument: md.i

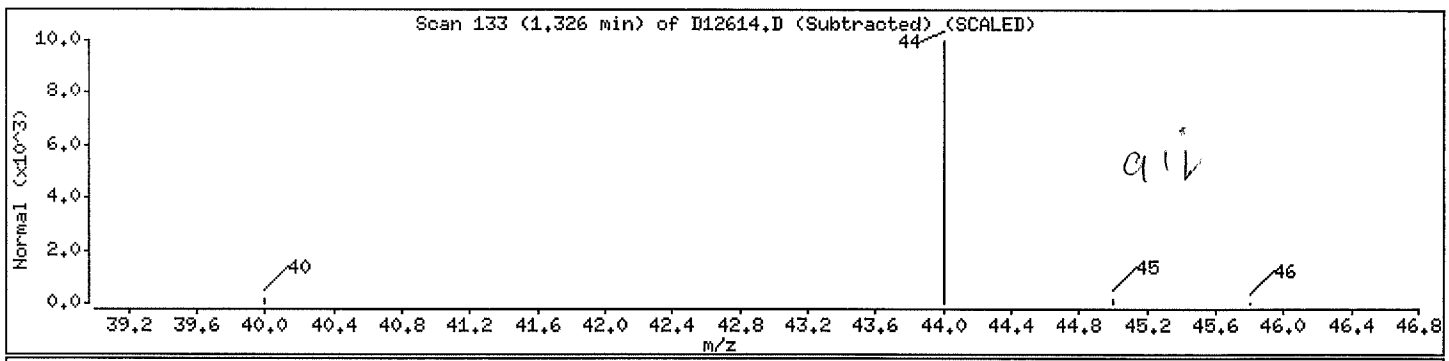
Sample Info: DL3G0101,,2,,0,1,0,8260BDA.M,D12614

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\1001AD.B\D12615.D
Lab Smp Id: DL3G3101 Client Smp ID: D12615
Inj Date : 01-OCT-2000 13:18
Operator : GFB Inst ID: md.i
Smp Info : DL3G3101,,2,,0,1,0,8260BDA.M,D12615
Misc Info : 285-4,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.989	5.989	(0.842)	908414	48.0787	48.08
$ 33 1,2-Dichloroethane-d4	65	6.540	6.521	(0.920)	685057	49.2431	49.24
34 1,2-Dichloroethane-d4 2nd	102	6.540	6.521	(0.920)	129786	43.7033	43.70
36 1,2-Dichloroethane	62	7.112	6.649	(1.000)	26092	1.70697	1.71(aQ)
* 38 Fluorobenzene	96	7.112	7.082	(1.000)	1394594	50.0000	
$ 47 Toluene-d8	98	9.929	9.920	(0.787)	1421441	47.2677	47.27
* 56 Chlorobenzene-d5	117	12.609	12.600	(1.000)	1357075	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.954	14.954	(0.865)	776998	44.2950	44.30
$ 67 4-Bromofluorobenzene	95	14.954	14.954	(0.865)	1124185	44.3097	44.31
* 79 1,4-Dichlorobenzene-d4	152	17.279	17.260	(1.000)	919620	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\1001AD.B\D12615.D
Lab Smp Id: DL3G3101 Client Smp ID: D12615
Inj Date : 01-OCT-2000 13:18
Operator : GFB Inst ID: md.i
Smp Info : DL3G3101,,2,,0,1,0,8260BDA.M,D12615
Misc Info : 285-4,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.112	3391726	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.328	1003918	14.7995166	14.80	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3G3101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12615
Sample Date:
Sample Point:
Date Received:
Level: LOW

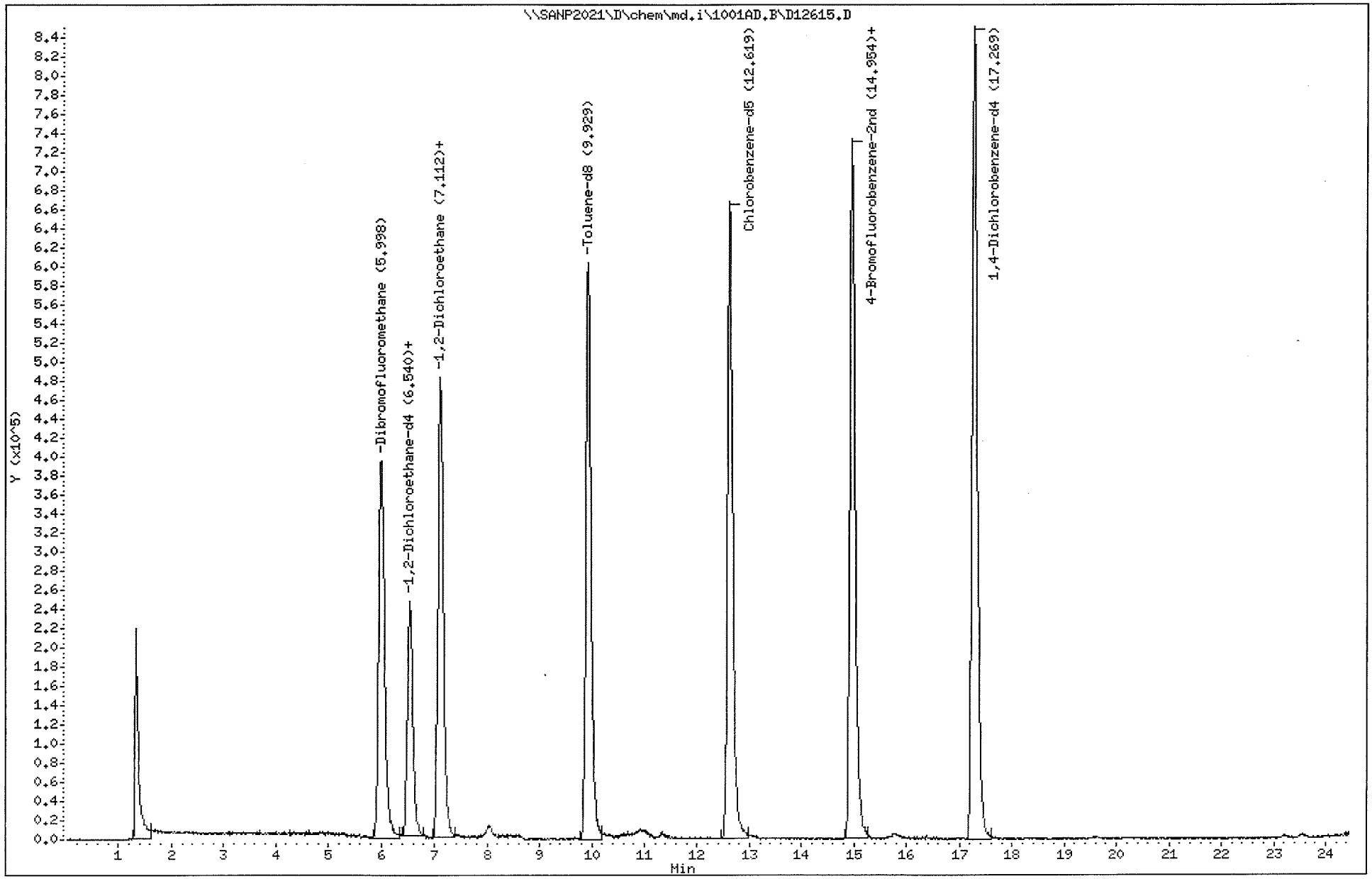
Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.328	14.80	J

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12615.D
Date : 01-OCT-2000 13:18
Client ID: D12615
Sample Info: DL3G3101,,2,,0,1,0,8260BDA.M,D12615

Instrument: md.i
Operator: GFB
Column phase: J&W DB-624
Column diameter: 0.53



000634

BOE-C6-0156175

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12615.D

Date : 01-OCT-2000 13:18

Client ID: D12615

Instrument: md.i

Sample Info: DL3G3101,,2,,0,1,0,8260BDA.M,D12615

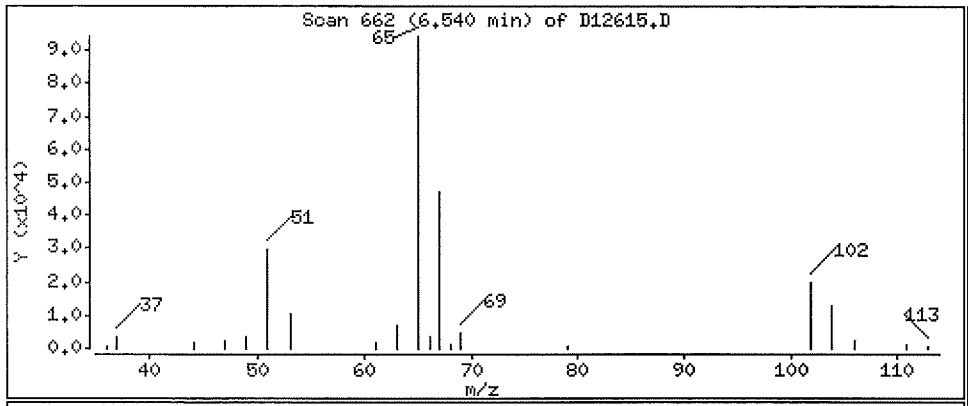
Operator: GFB

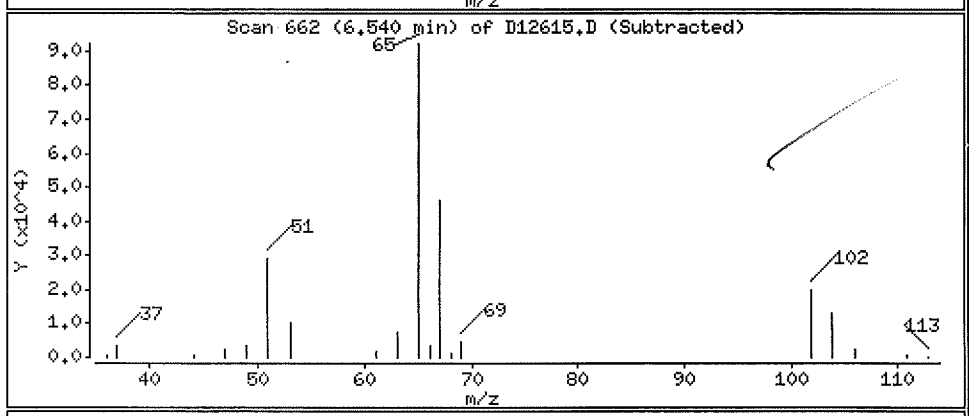
Column phase: J&W DB-624

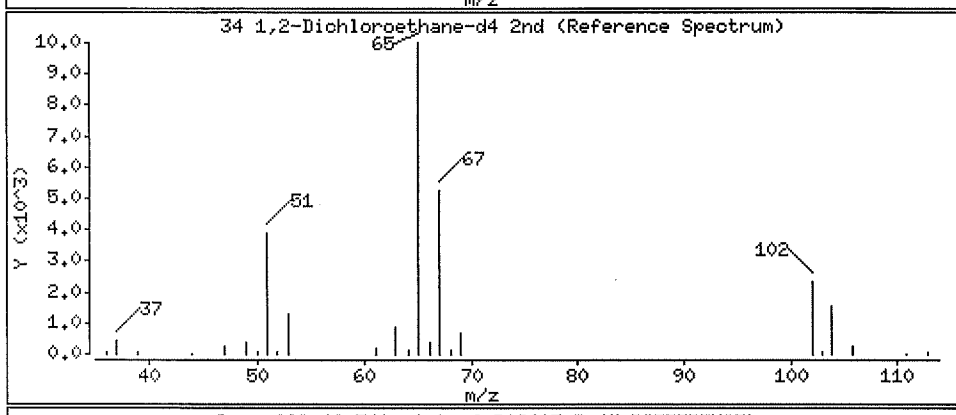
Column diameter: 0.53

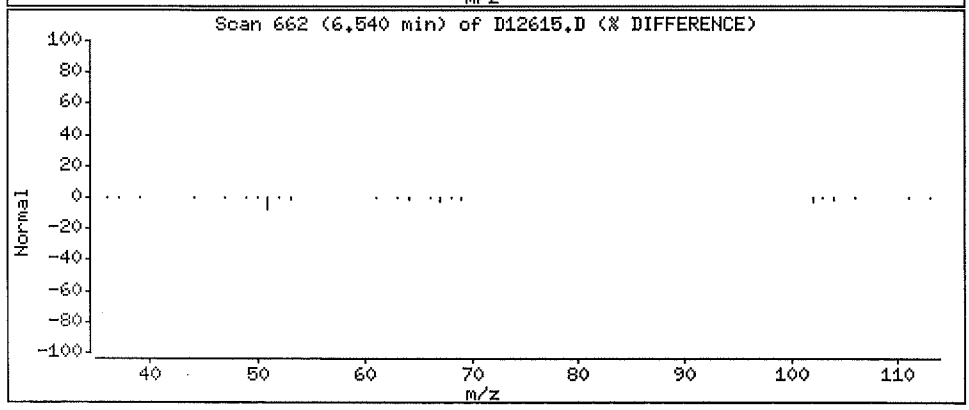
34 1,2-Dichloroethane-d4 2nd

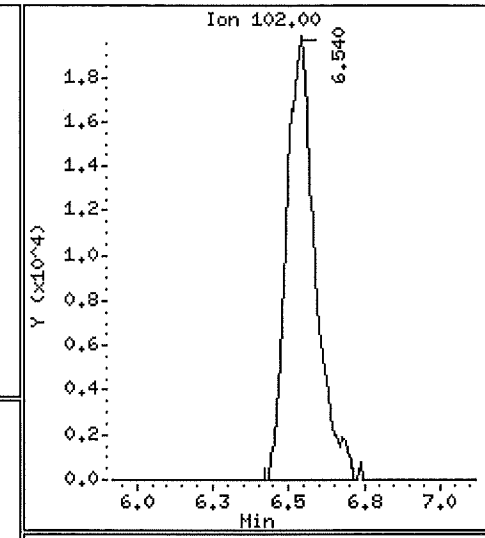
Concentration: 43.70 ug/Kg

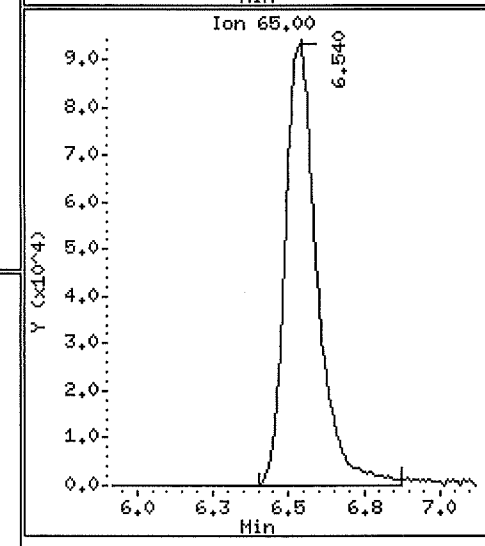












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12615.D

Date : 01-OCT-2000 13:18

Client ID: D12615

Instrument: md.i

Sample Info: DL3G3101,,2,,0,1,0,8260BDA.M,D12615

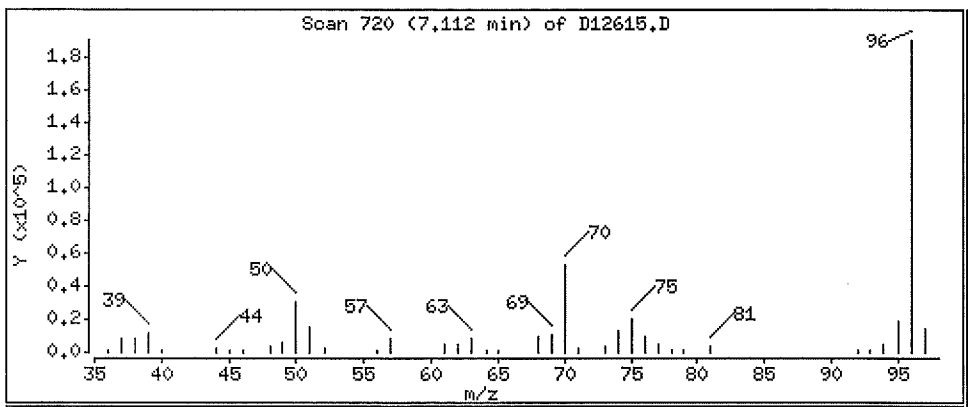
Operator: GFB

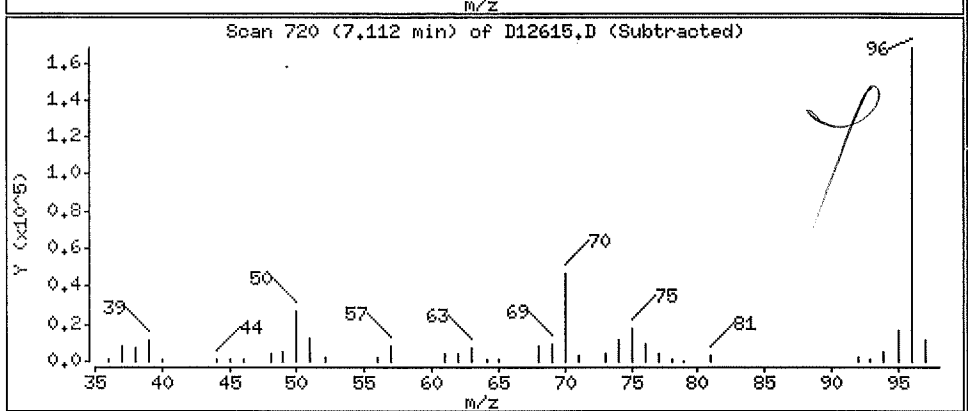
Column phase: J&W DB-624

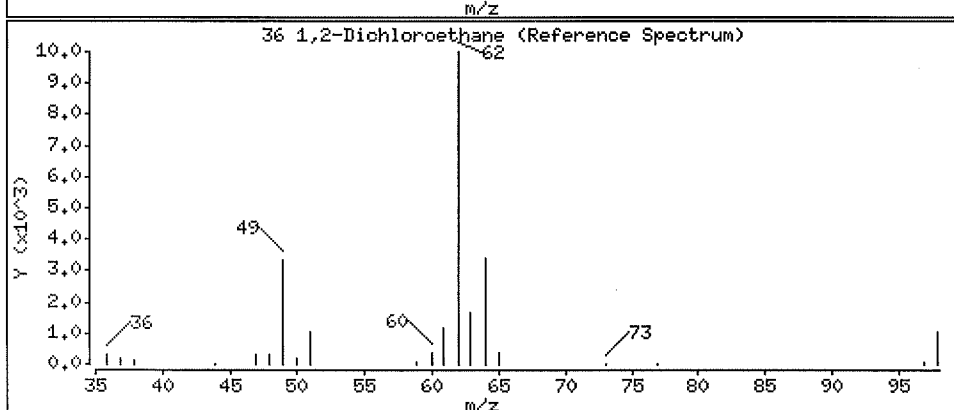
Column diameter: 0.53

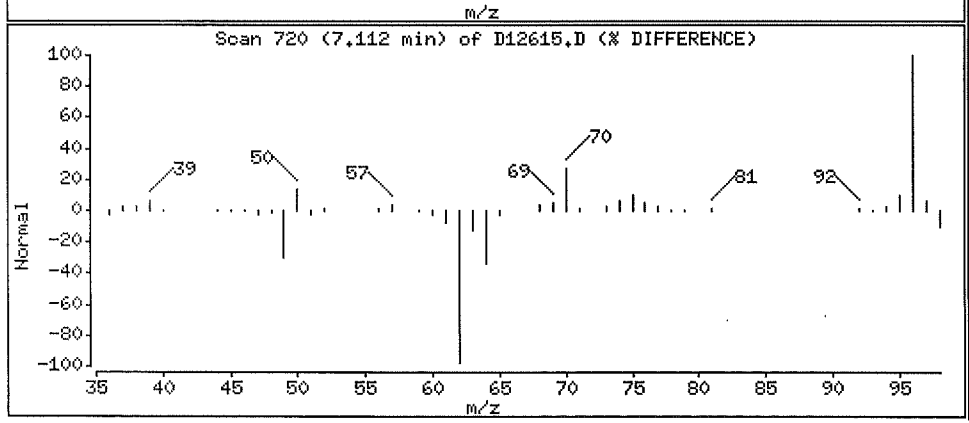
36 1,2-Dichloroethane

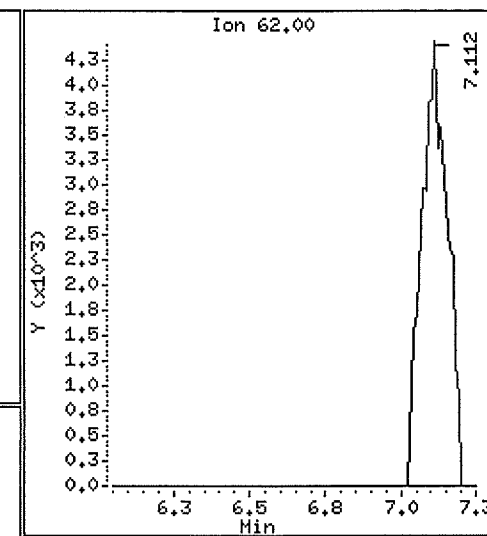
Concentration: 1.71 ug/Kg

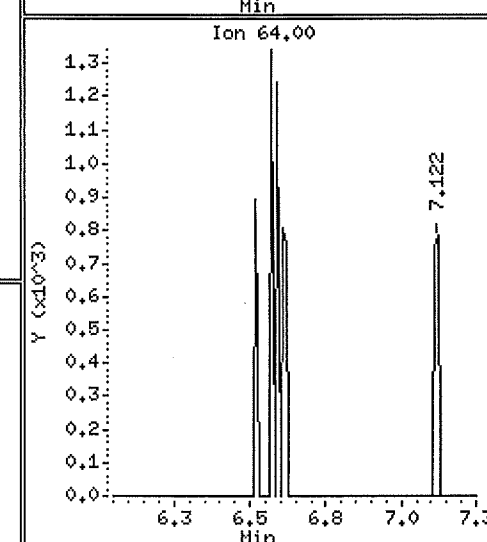


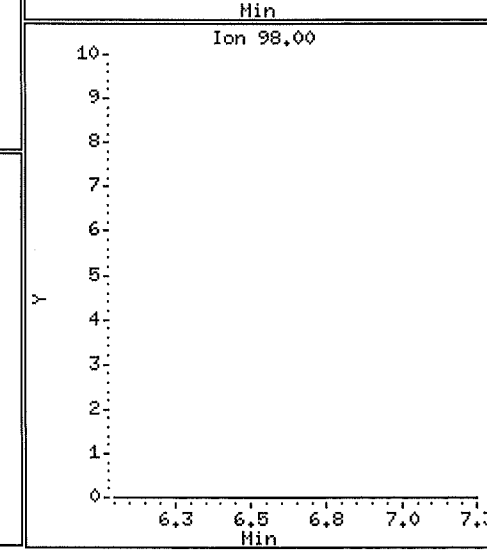












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12615.D

Date : 01-OCT-2000 13:18

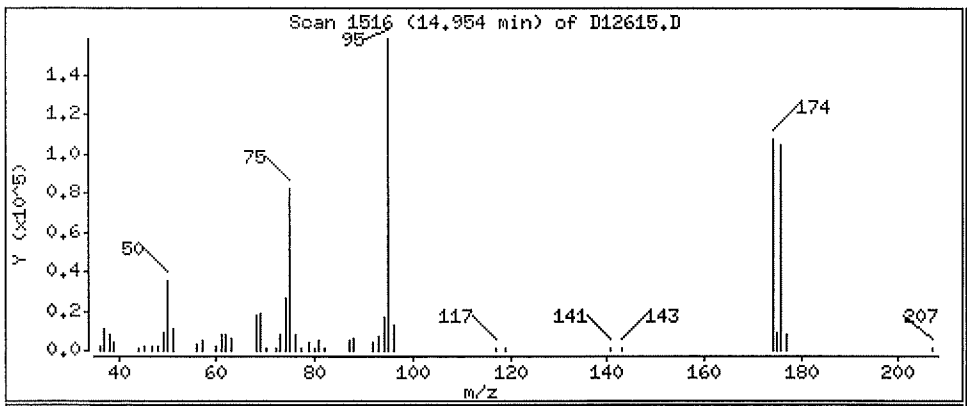
Client ID: D12615 Instrument: md.i

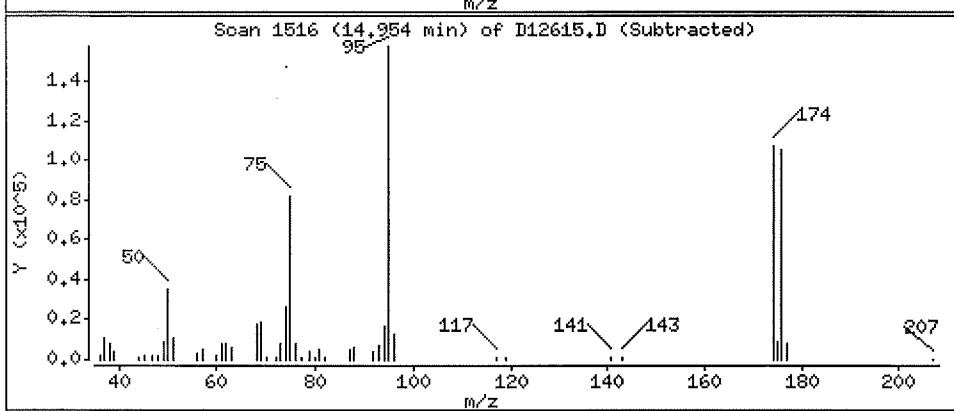
Sample Info: DL3G3101,,2,,0,1,0,8260BDA.M,D12615

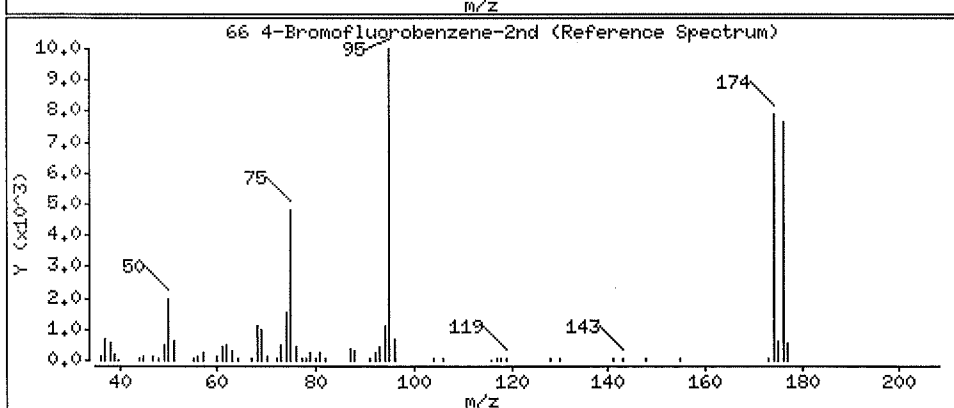
Operator: GFB

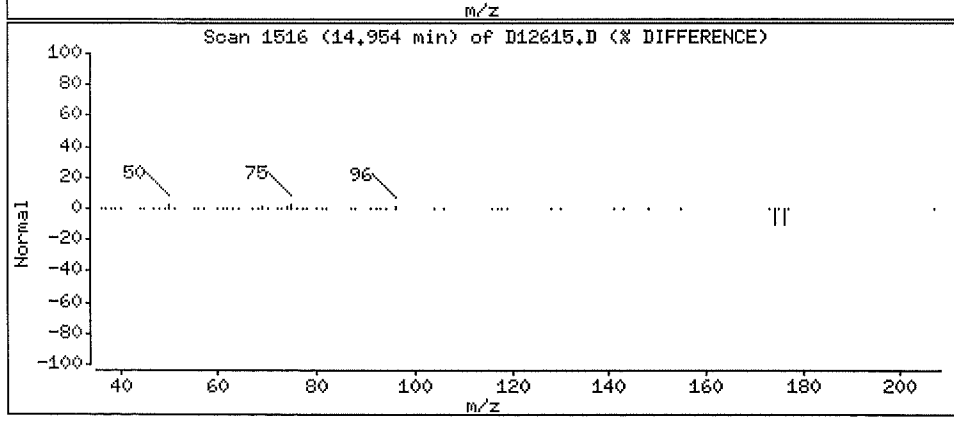
Column phase: J&W DB-624 Column diameter: 0.53

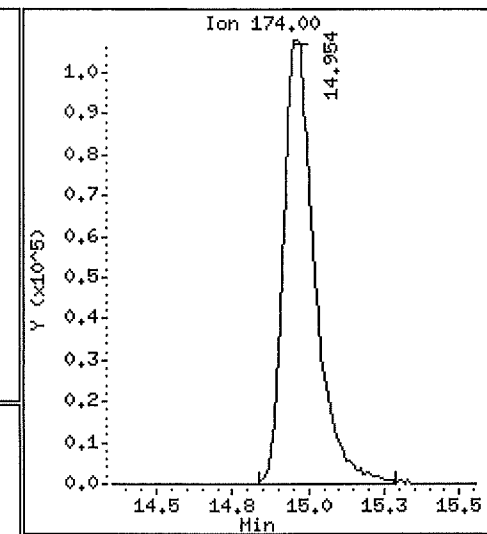
66 4-Bromofluorobenzene-2nd Concentration: 44.30 ug/Kg

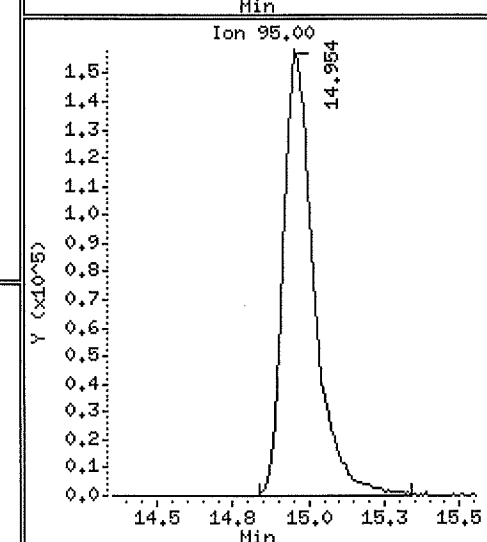


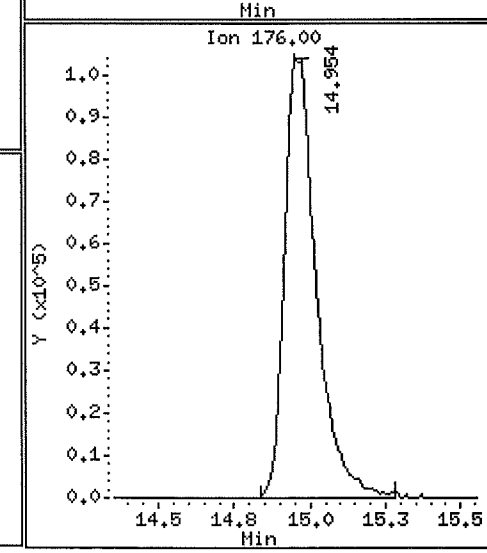












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12615.D

Date : 01-OCT-2000 13:18

Client ID: D12615

Instrument: md.i

Sample Info: DL3G3101,,2,,0,1,0,8260BDA.M,D12615

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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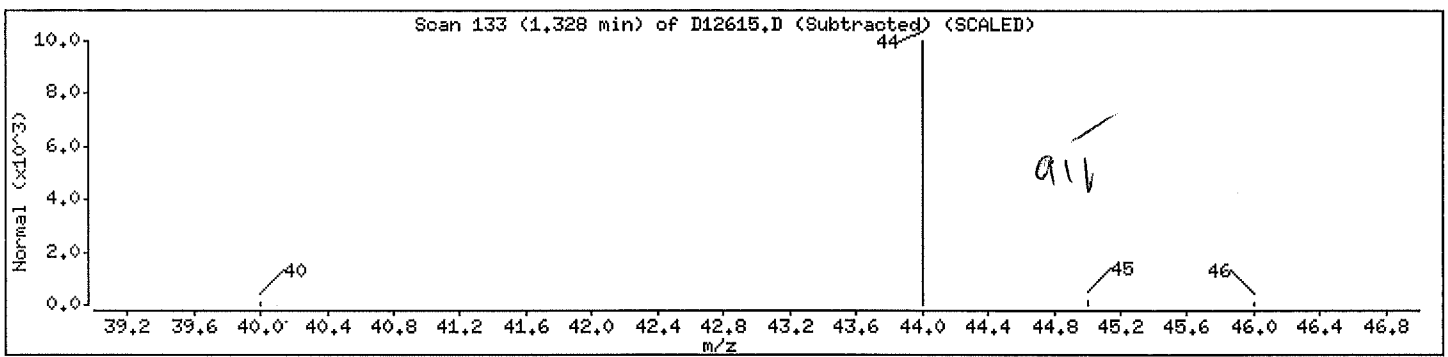


STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1001AD.B\D12616.D
Lab Smp Id: DL3G5101 Client Smp ID: D12616
Inj Date : 01-OCT-2000 13:50
Operator : GFB Inst ID: md.i
Smp Info : DL3G5101,,2,,0,1,0,8260BDA.M,D12616
Misc Info : 285-5,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	6.005	5.989	(0.845)	921894	48.9190	48.92
$ 33 1,2-Dichloroethane-d4	65	6.537	6.521	(0.920)	662209	47.7244	47.72
34 1,2-Dichloroethane-d4 2nd	102	6.537	6.521	(0.920)	130333	44.0017	44.00
* 38 Fluorobenzene	96	7.109	7.082	(1.000)	1390978	50.0000	
$ 47 Toluene-d8	98	9.927	9.920	(0.787)	1411408	46.5166	46.52
* 56 Chlorobenzene-d5	117	12.616	12.600	(1.000)	1369256	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.961	14.954	(0.866)	790031	42.3920	42.39
$ 67 4-Bromofluorobenzene	95	14.961	14.954	(0.866)	1145510	42.4975	42.50
* 79 1,4-Dichlorobenzene-d4	152	17.276	17.260	(1.000)	977021	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\1001AD.B\D12616.D
Lab Smp Id: DL3G5101 Client Smp ID: D12616
Inj Date : 01-OCT-2000 13:50
Operator : GFB Inst ID: md.i
Smp Info : DL3G5101,,2,,0,1,0,8260BDA.M,D12616
Misc Info : 285-5,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.109	3380440	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	934387	13.8204988	13.82	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3G5101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12616
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	13.82	J

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12616.D

Date : 01-OCT-2000 13:50

Client ID: D12616

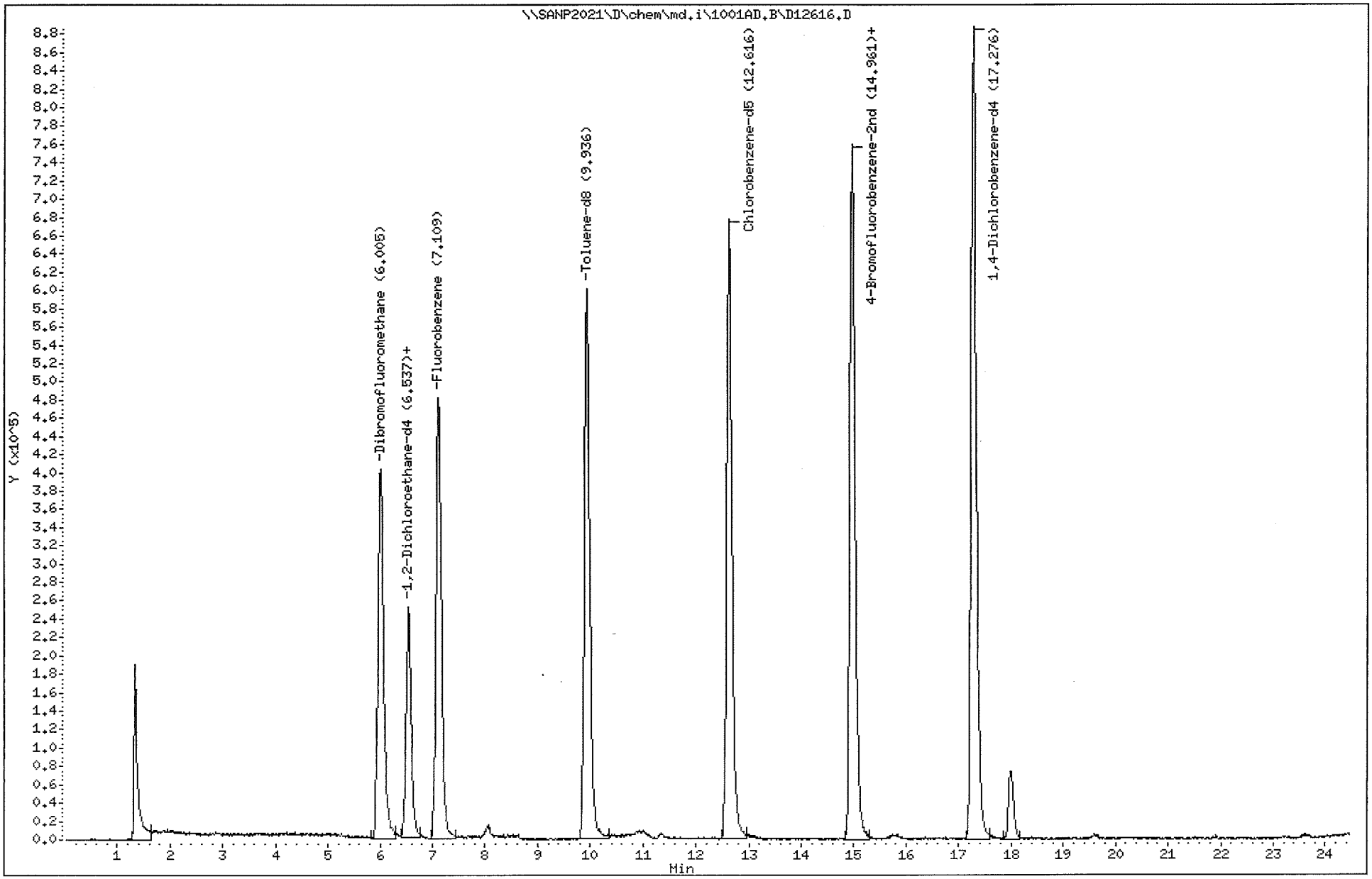
Sample Info: DL3G5101,,2,,0,1,0,8260BDA.M,D12616

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000642

BOE-C6-0156183

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12616.D

Date : 01-OCT-2000 13:50

Client ID: D12616

Instrument: md.i

Sample Info: DL3G5101,,2,,0,1,0,8260BDA.M,D12616

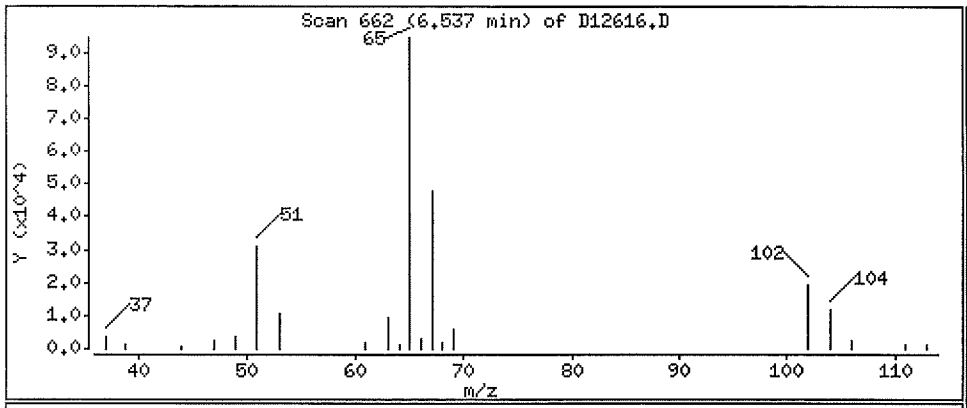
Operator: GFB

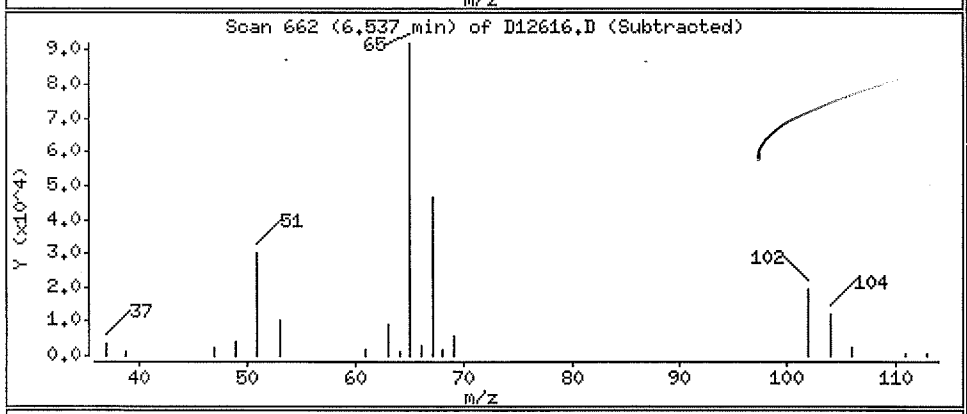
Column phase: J&W DB-624

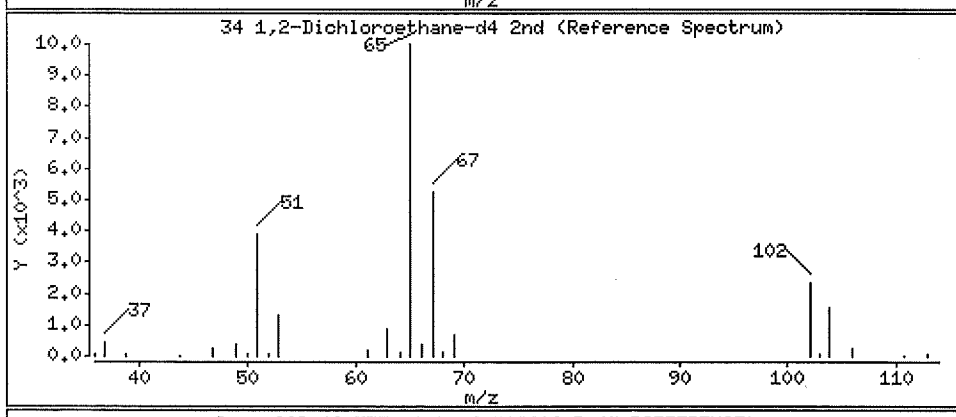
Column diameter: 0.53

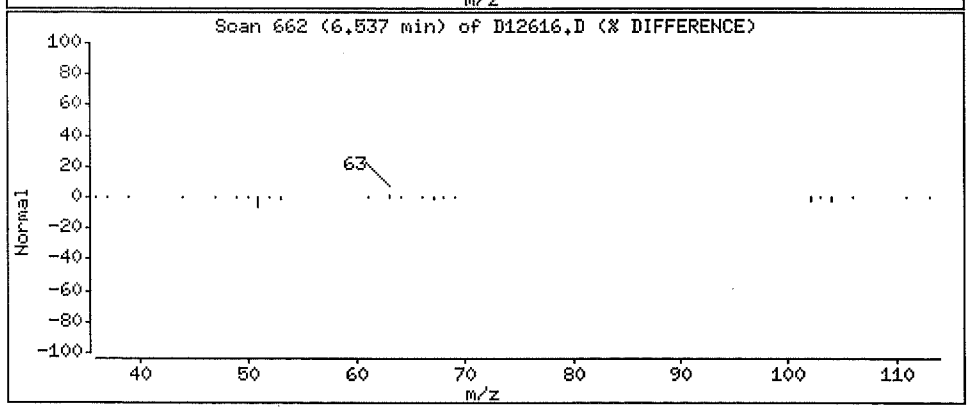
34 1,2-Dichloroethane-d4 2nd

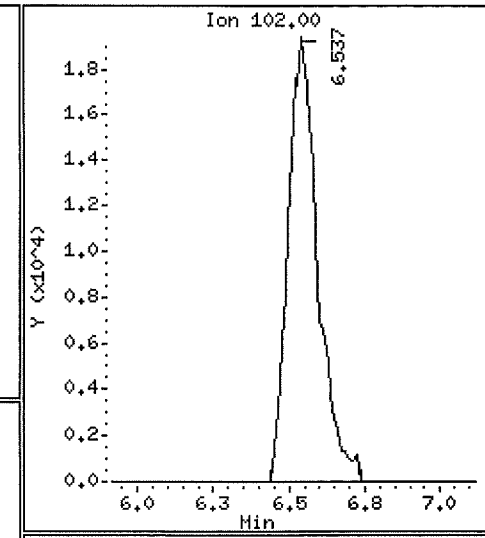
Concentration: 44.00 ug/Kg

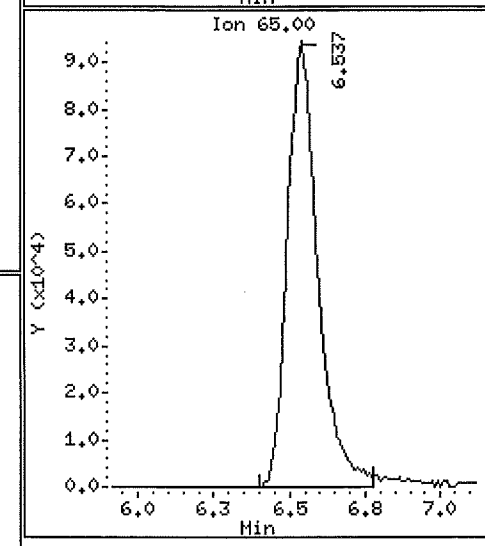












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12616.D

Date : 01-OCT-2000 13:50

Client ID: D12616

Instrument: md.i

Sample Info: DL3G5101,,2,,0,1,0,8260BDA.M,D12616

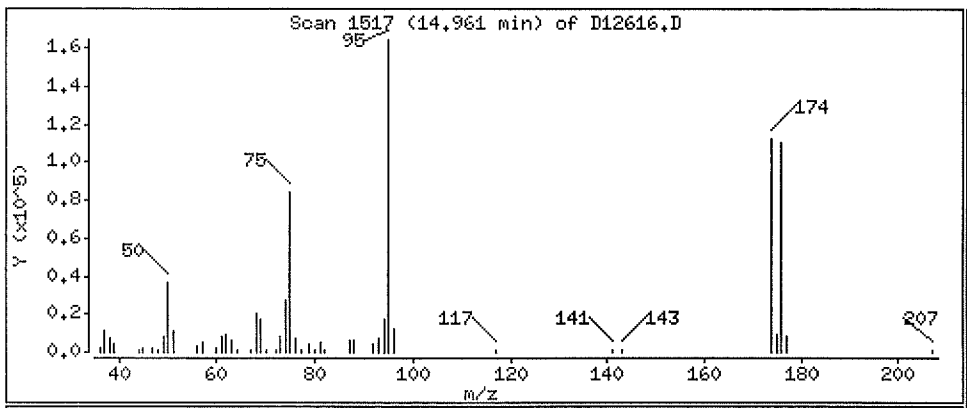
Operator: GFB

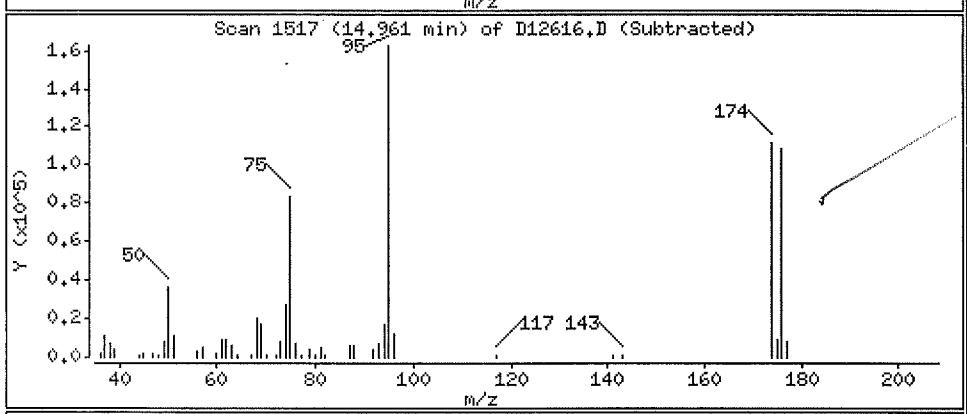
Column phase: J&W DB-624

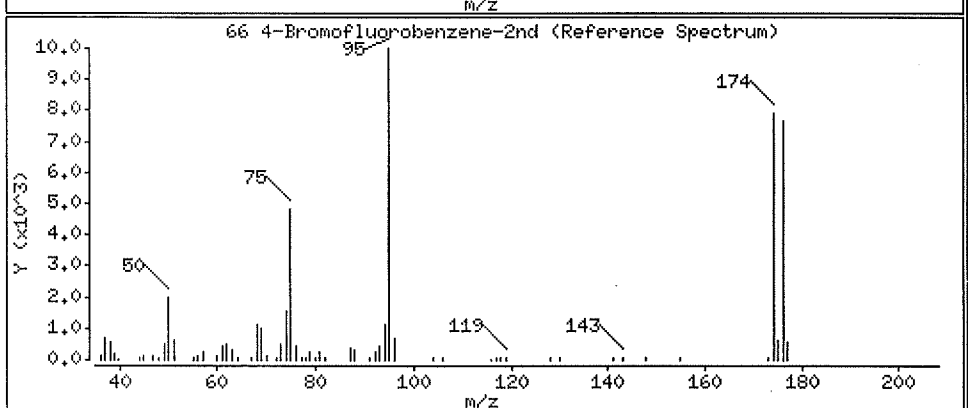
Column diameter: 0.53

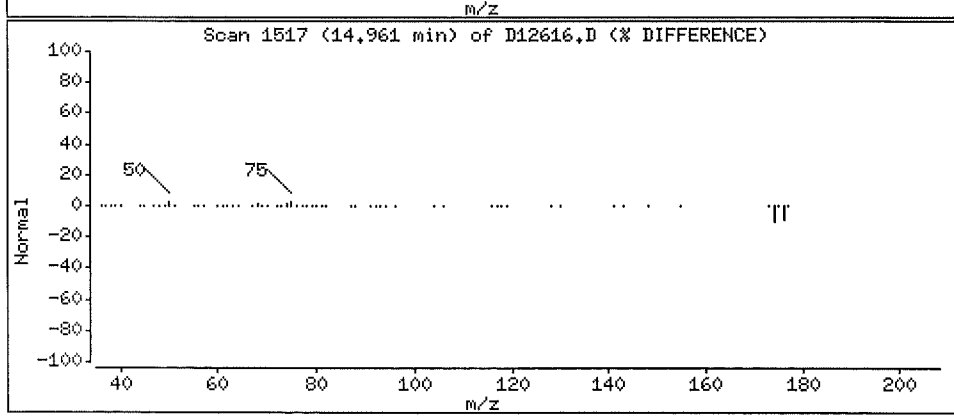
66 4-Bromofluorobenzene-2nd

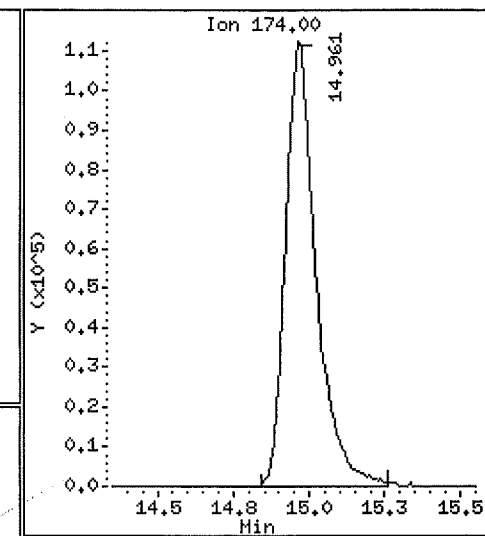
Concentration: 42.39 ug/Kg

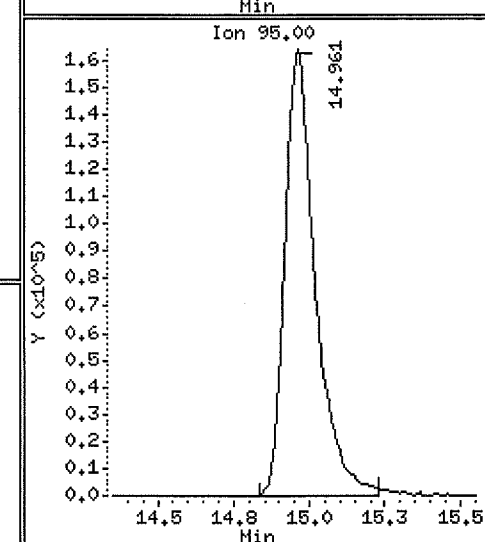


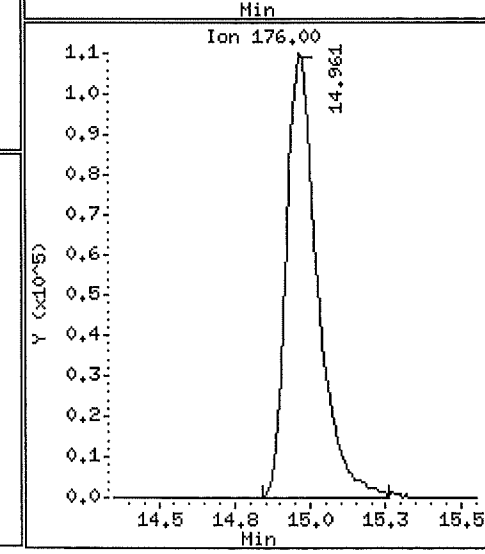












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12616.D

Date : 01-OCT-2000 13:50

Client ID: D12616

Instrument: md.i

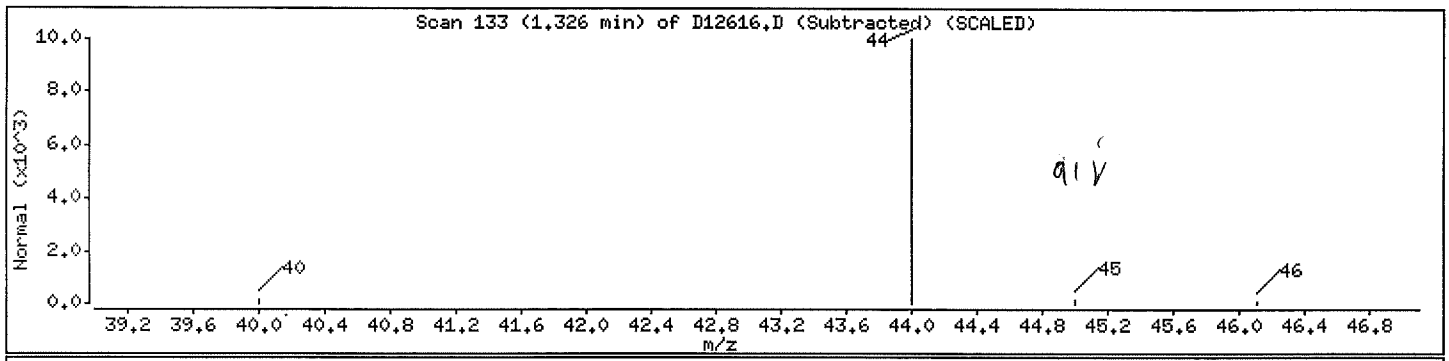
Sample Info: DL3G5101,,2,,0,1,0,8260BDA.M,D12616

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\1001AD.B\D12617.D
Lab Smp Id: DL3G6101 Client Smp ID: D12617
Inj Date : 01-OCT-2000 14:22
Operator : GFB Inst ID: md.i
Smp Info : DL3G6101,,2,,0,1,0,8260BDA.M,D12617
Misc Info : 285-6,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.986	5.989	(0.843)	883153	49.0467	49.05
$ 33 1,2-Dichloroethane-d4	65	6.538	6.521	(0.921)	639576	48.2409	48.24
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.521	(0.920)	124974	44.1583	44.16
* 38 Fluorobenzene	96	7.099	7.082	(1.000)	1329054	50.0000	
$ 47 Toluene-d8	98	9.937	9.920	(0.788)	1347791	46.6963	46.70
* 56 Chlorobenzene-d5	117	12.617	12.600	(1.000)	1302506	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.954	(0.865)	753176	42.6703	42.67
$ 67 4-Bromofluorobenzene	95	14.961	14.954	(0.866)	1079776	42.2949	42.29
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.260	(1.000)	925369	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\1001AD.B\D12617.D
Lab Smp Id: DL3G6101 Client Smp ID: D12617
Inj Date : 01-OCT-2000 14:22
Operator : GFB Inst ID: md.i
Smp Info : DL3G6101,,2,,0,1,0,8260BDA.M,D12617
Misc Info : 285-6,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.099	3265927	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	906965	13.8852552	13.88	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3G6101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12617
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	13.88	J

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12617.D

Date : 01-OCT-2000 14:22

Client ID: D12617

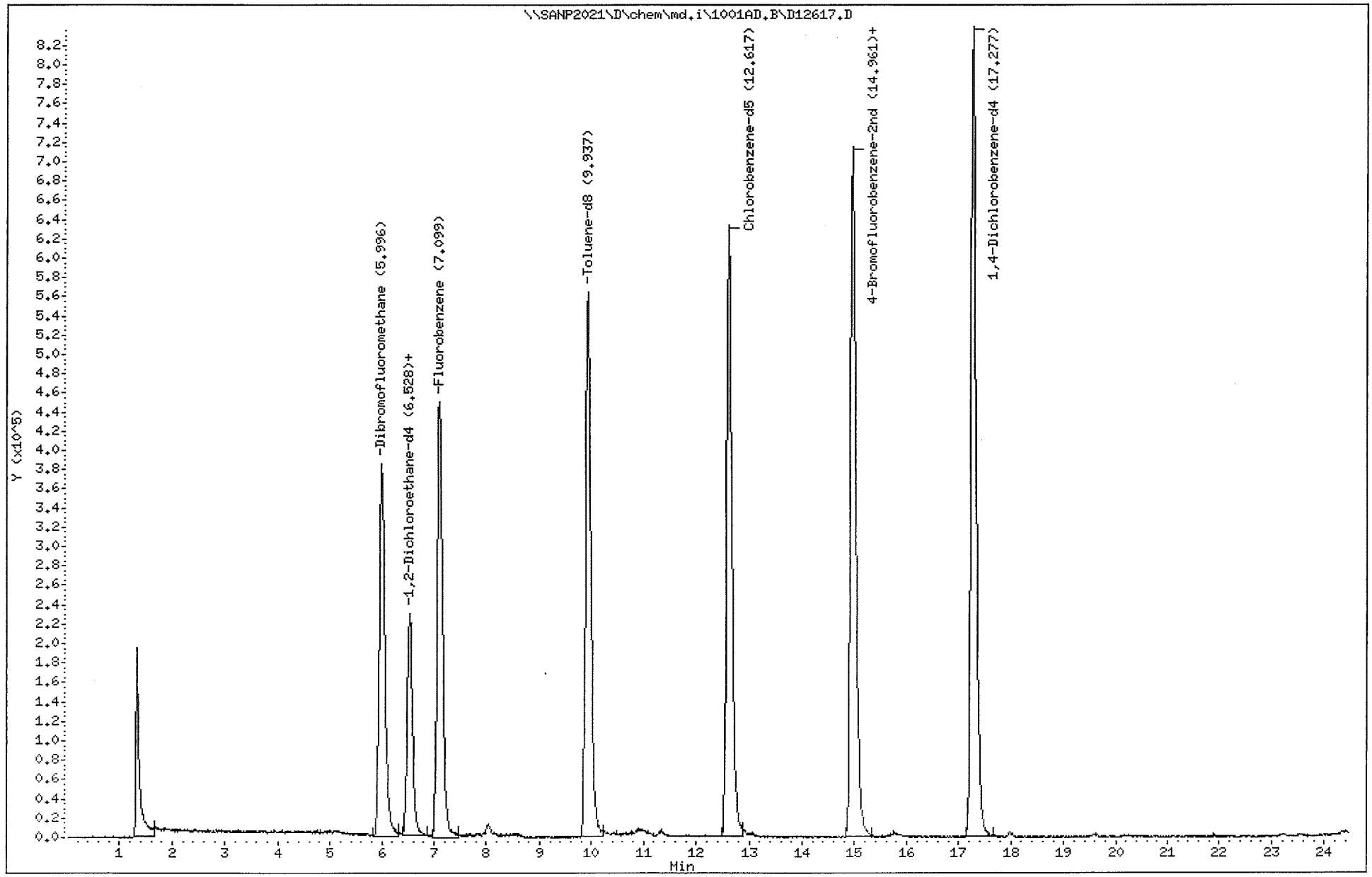
Sample Info: DL3G6101,,2,,0,1,0,8260BDA.M,D12617

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000649

BOE-C6-0156190

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12617.D

Date : 01-OCT-2000 14:22

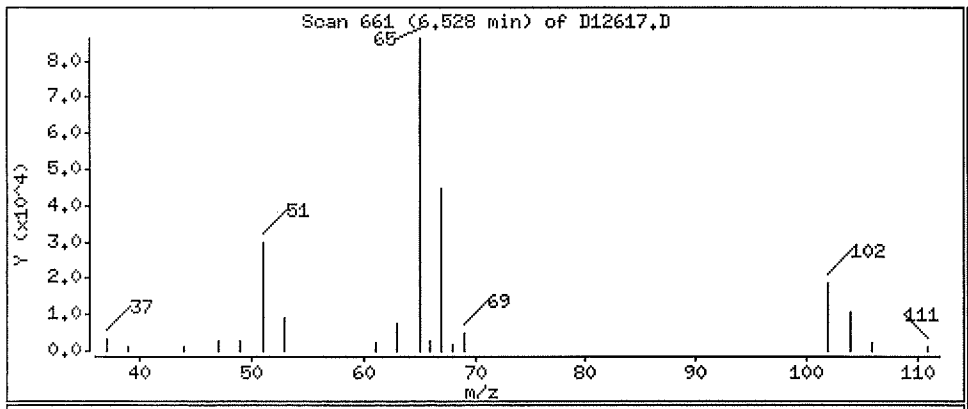
Client ID: D12617 Instrument: md.i

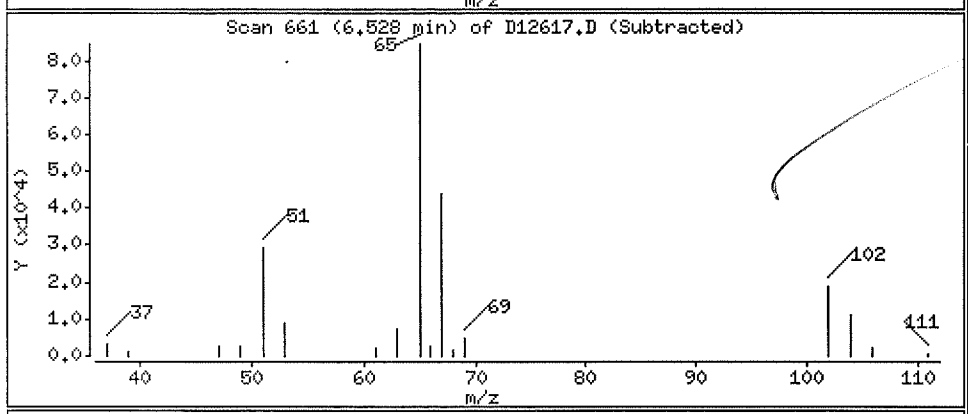
Sample Info: DL3G6101,,2,,0,1,0,8260BDA.M,D12617

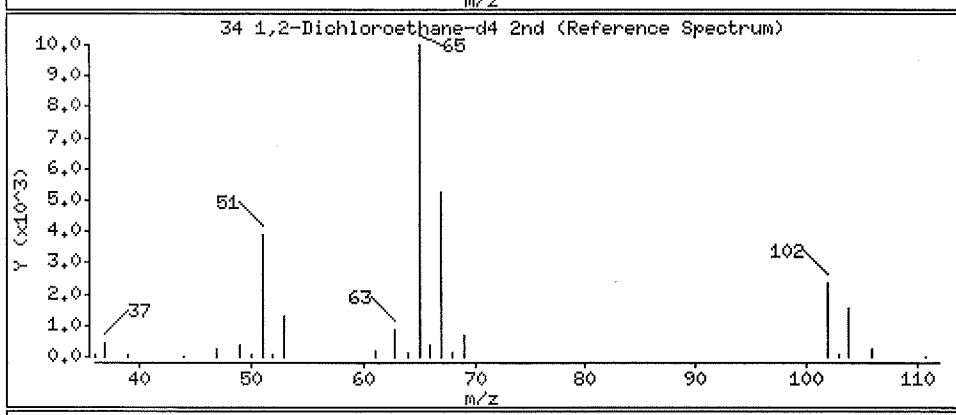
Operator: GFB

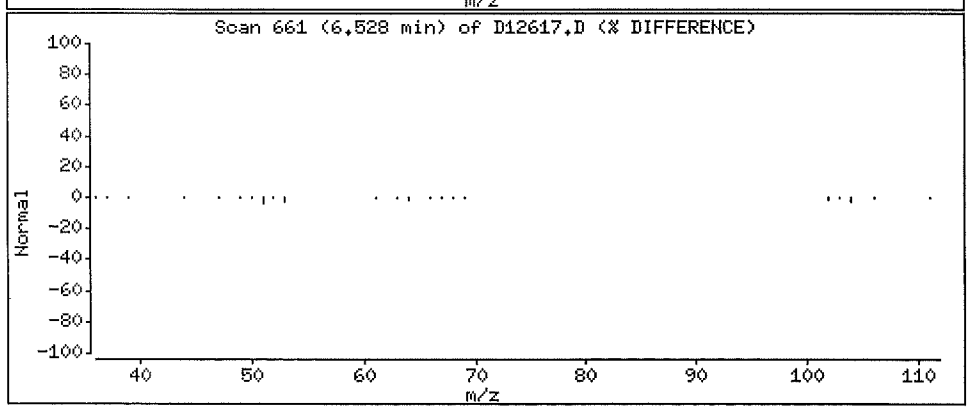
Column phase: J&W DB-624 Column diameter: 0.53

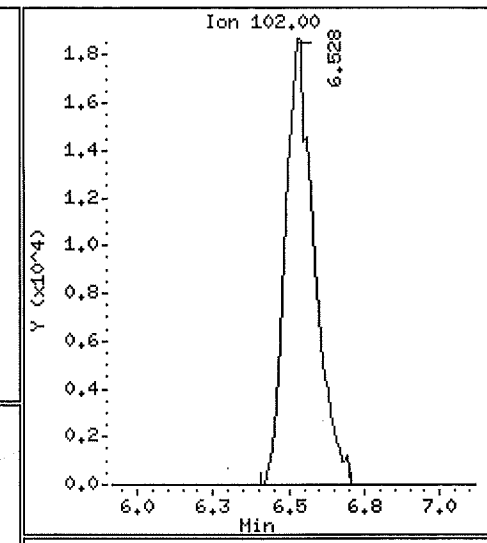
34 1,2-Dichloroethane-d4 2nd Concentration: 44.16 ug/Kg

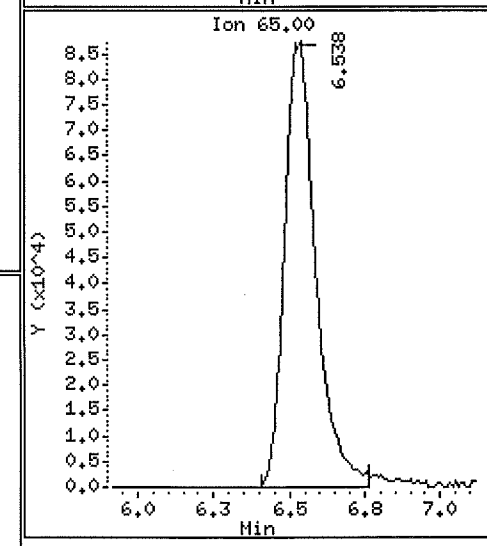












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12617.D

Date : 01-OCT-2000 14:22

Client ID: D12617

Instrument: md.i

Sample Info: DL3G6101,,2,,0,1,0,8260BDA,M,D12617

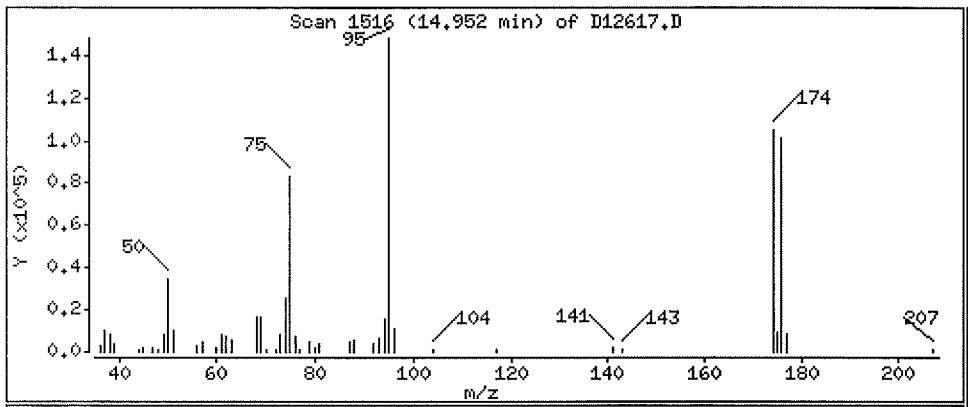
Operator: GFB

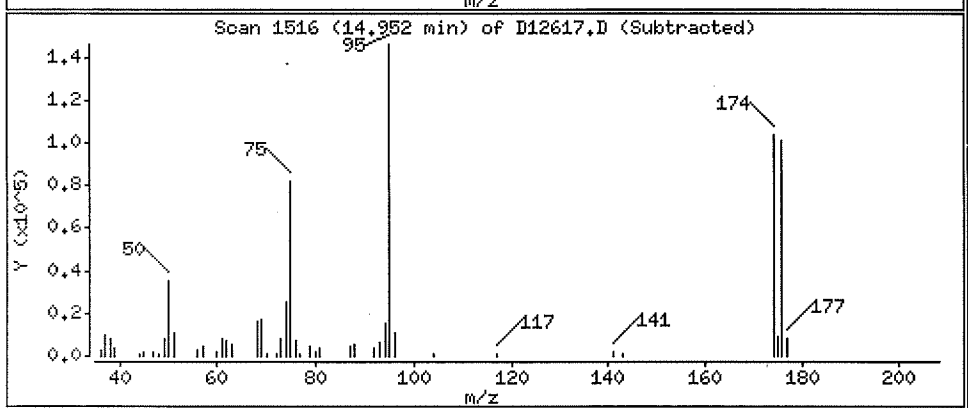
Column phase: J&W DB-624

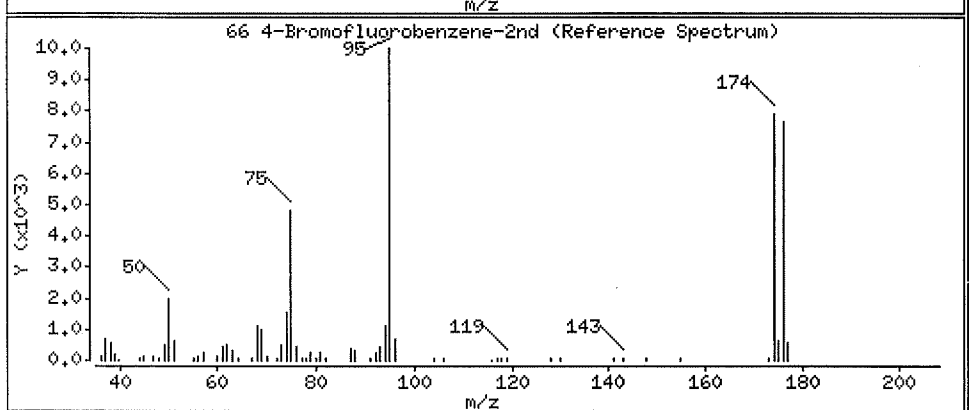
Column diameter: 0.53

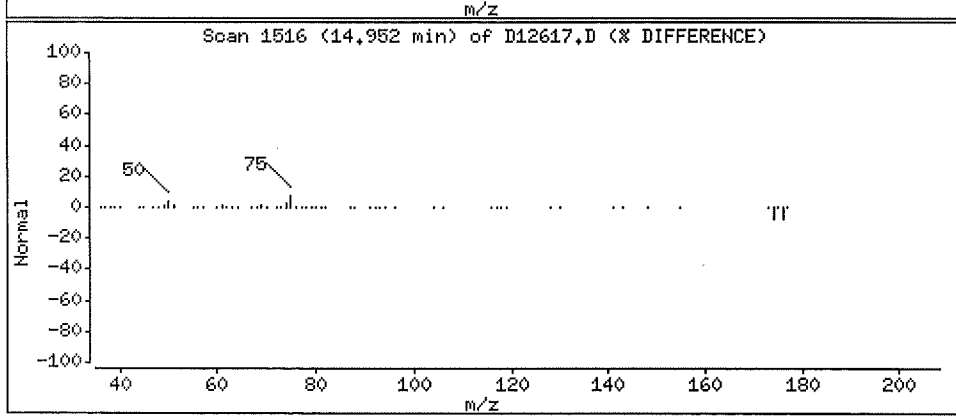
66 4-Bromofluorobenzene-2nd

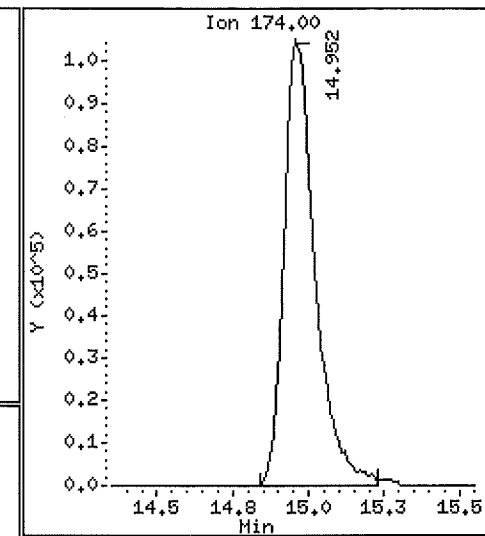
Concentration: 42.67 ug/Kg

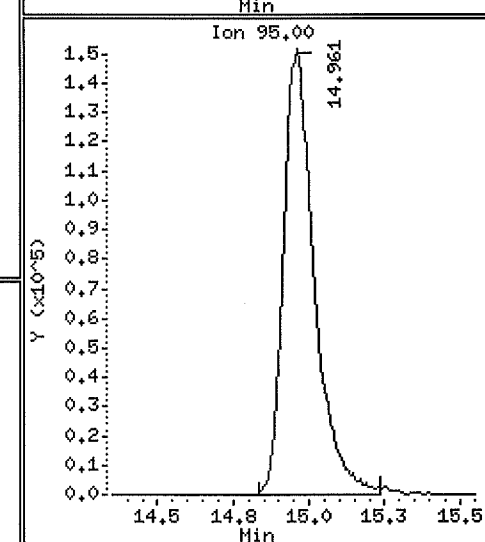


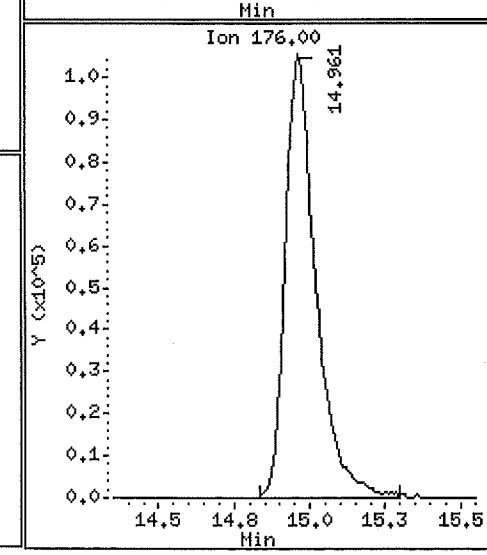












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12617.D

Date : 01-OCT-2000 14:22

Client ID: D12617

Instrument: md.i

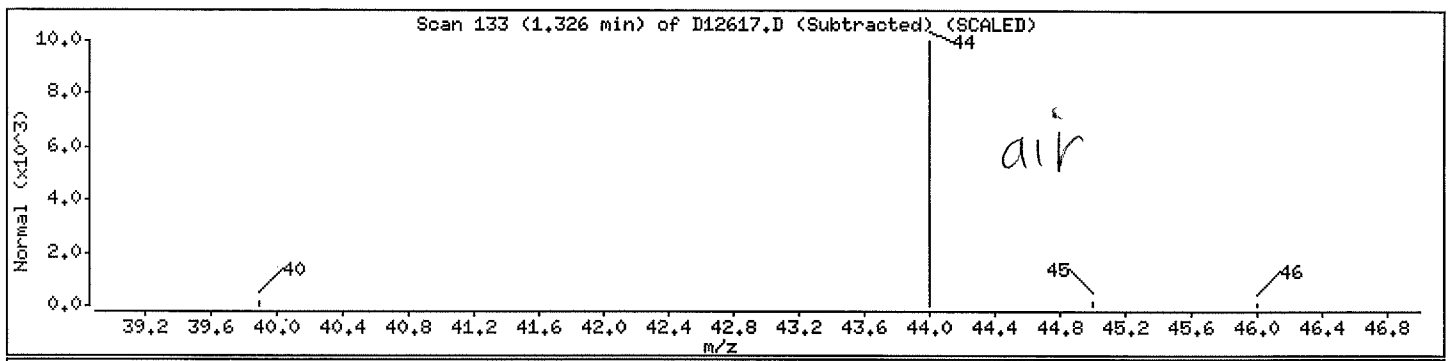
Sample Info: DL3G6101,,2,,0,1,0,8260BDA.M,D12617

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\1001AD.B\D12618.D
Lab Smp Id: DL3G7101 Client Smp ID: D12618
Inj Date : 01-OCT-2000 14:54
Operator : GFB Inst ID: md.i
Smp Info : DL3G7101,,2,,0,1,0,8260BDA.M,D12618
Misc Info : 285-7,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.990	5.989	(0.843)	851302	47.9245	47.92
$ 33 1,2-Dichloroethane-d4	65	6.523	6.521	(0.918)	635172	48.5641	48.56
34 1,2-Dichloroethane-d4 2nd	102	6.523	6.521	(0.918)	121610	43.5573	43.56
* 38 Fluorobenzene	96	7.104	7.082	(1.000)	1311120	50.0000	
$ 47 Toluene-d8	98	9.922	9.920	(0.786)	1323812	46.6621	46.66
* 56 Chlorobenzene-d5	117	12.621	12.600	(1.000)	1280271	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.966	14.954	(0.867)	737463	43.5365	43.54
$ 67 4-Bromofluorobenzene	95	14.956	14.954	(0.866)	1065400	43.4862	43.49
* 79 1,4-Dichlorobenzene-d4	152	17.271	17.260	(1.000)	888035	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\1001AD.B\D12618.D
Lab Smp Id: DL3G7101 Client Smp ID: D12618
Inj Date : 01-OCT-2000 14:54
Operator : GFB Inst ID: md.i
Smp Info : DL3G7101,,2,,0,1,0,8260BDA.M,D12618
Misc Info : 285-7,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.104	3210694	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	884738	13.7779854	13.78	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3G7101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12618
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	1.321	13.78	J

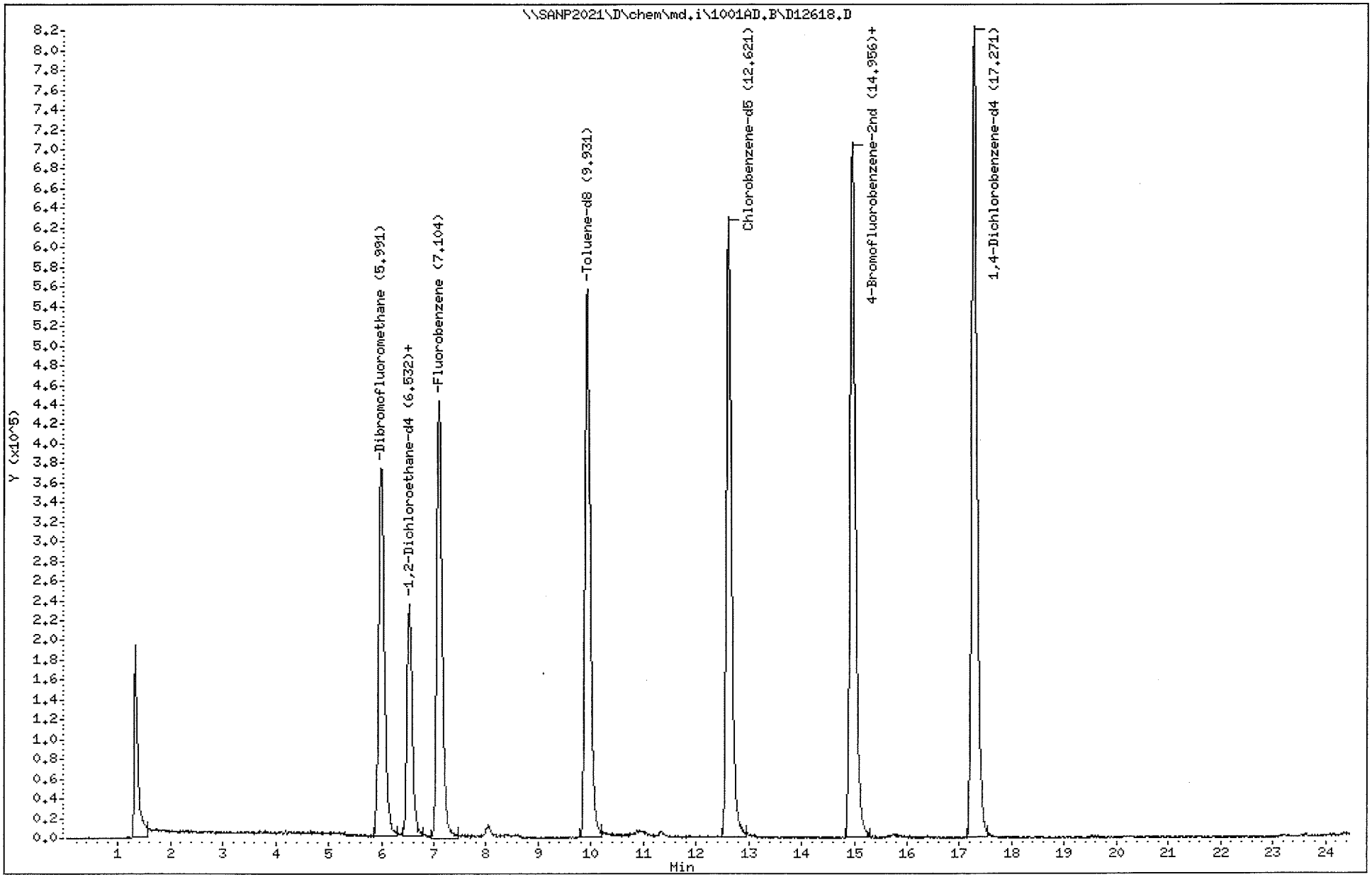
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12618.D
Date : 01-OCT-2000 14:54
Client ID: D12618
Sample Info: DL3G7101,,2,,0,1,0,8260BDA.M,D12618

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000656

BOE-C6-0156197

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12618.D

Date : 01-OCT-2000 14:54

Client ID: D12618

Instrument: md.i

Sample Info: DL3G7101,,2,,0,1,0,8260BDA.M,D12618

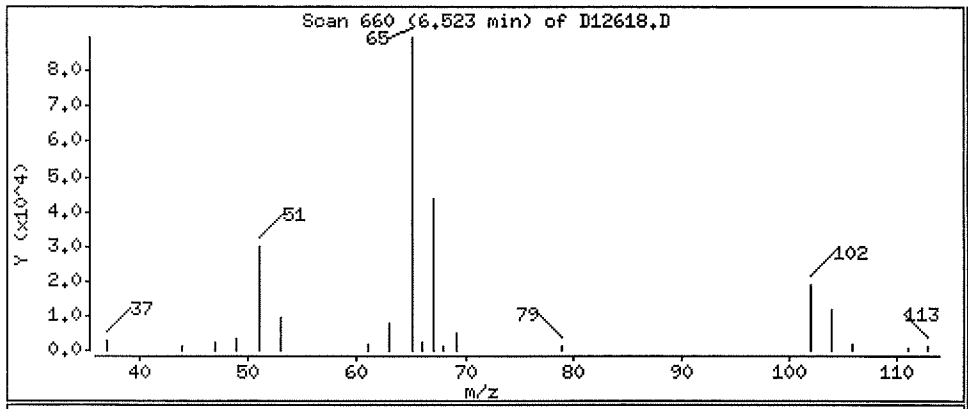
Operator: GFB

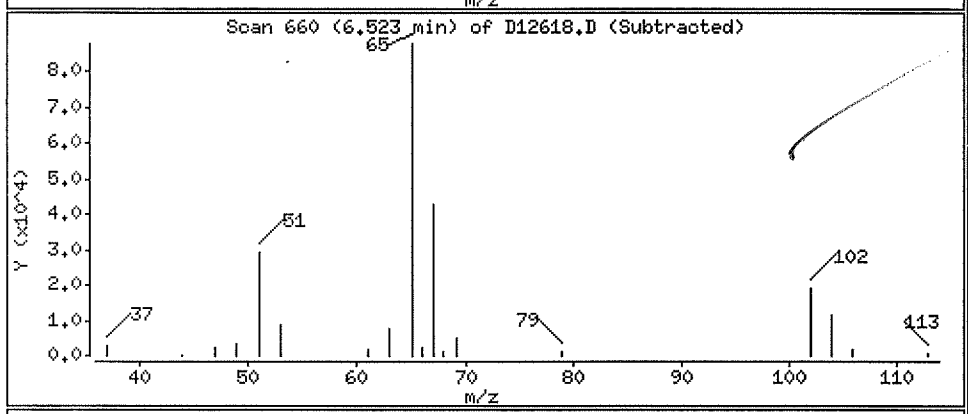
Column phase: J&W DB-624

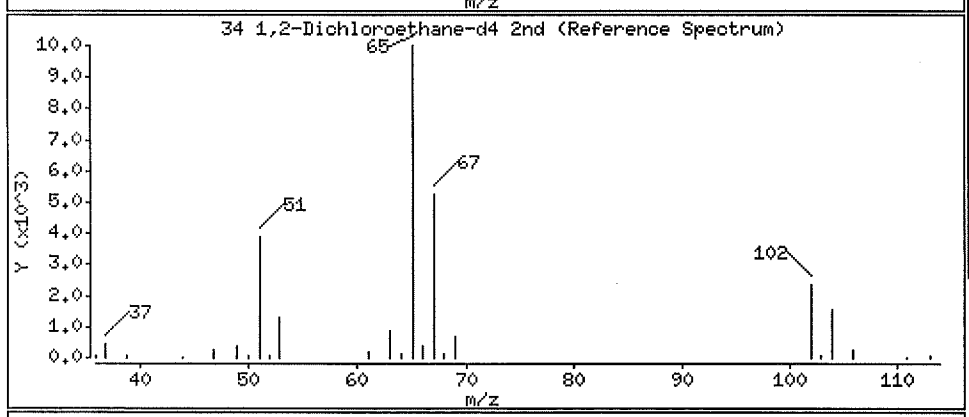
Column diameter: 0.53

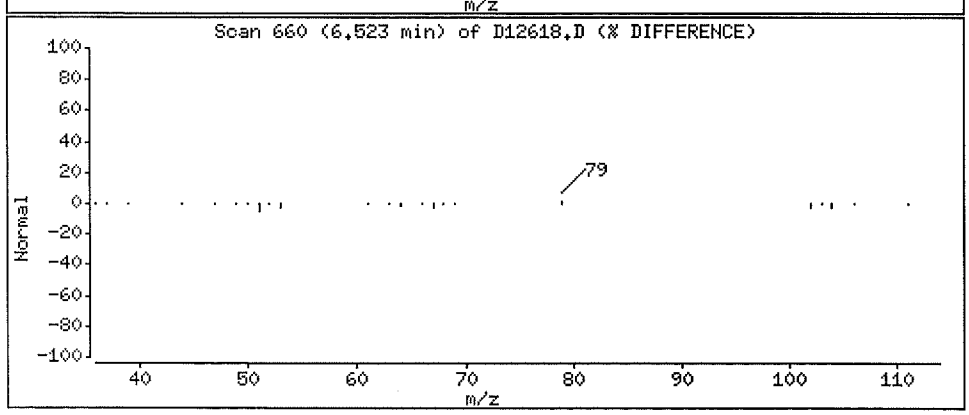
34 1,2-Dichloroethane-d4 2nd

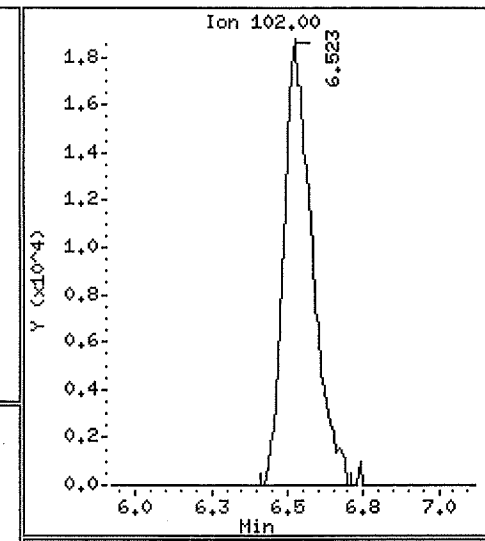
Concentration: 43.56 ug/Kg

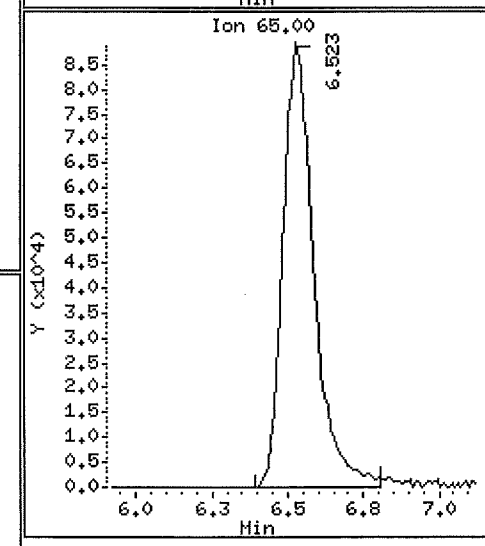












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12618.D

Date : 01-OCT-2000 14:54

Client ID: D12618

Instrument: md.i

Sample Info: DL3G7101,,2,,0,1,0,8260BDA.M,D12618

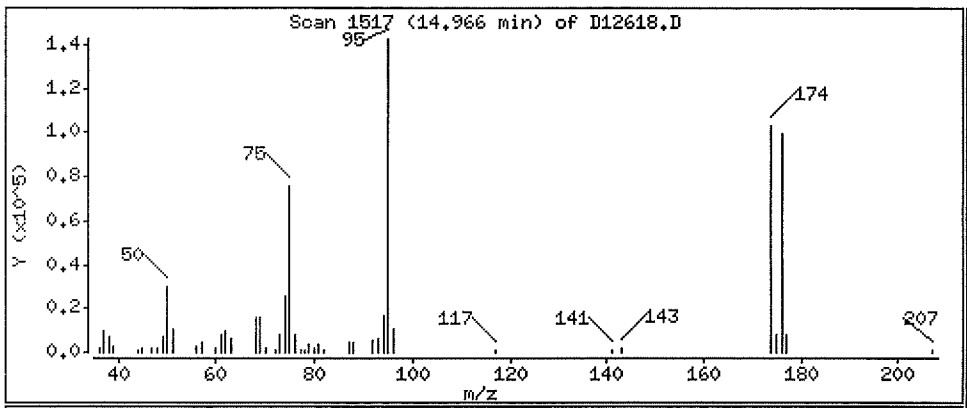
Operator: GFB

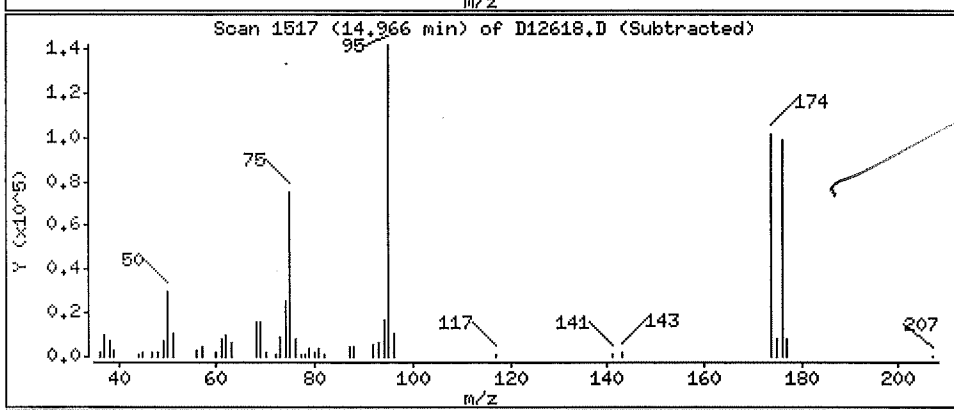
Column phase: J&W DB-624

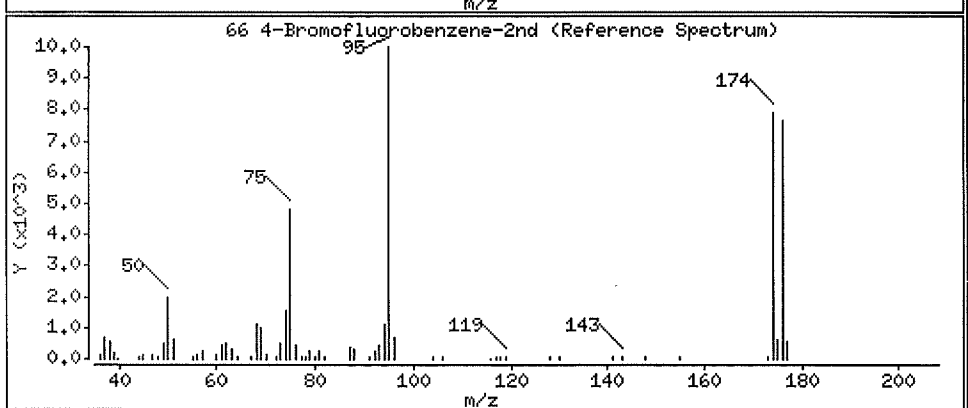
Column diameter: 0.53

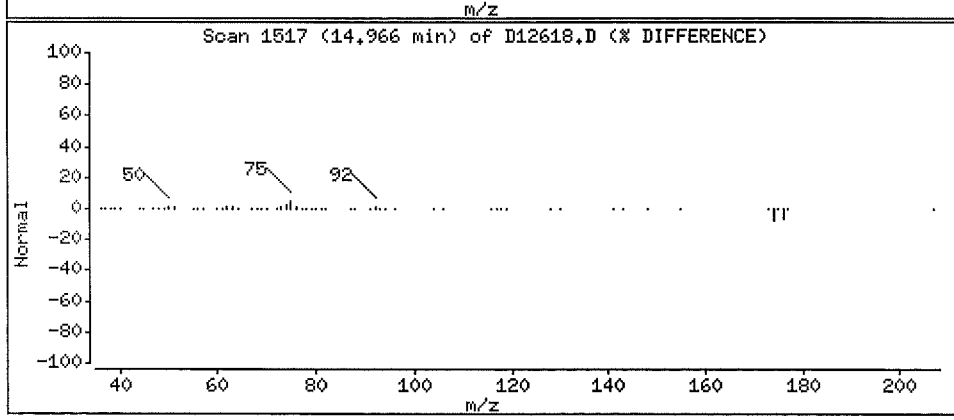
66 4-Bromofluorobenzene-2nd

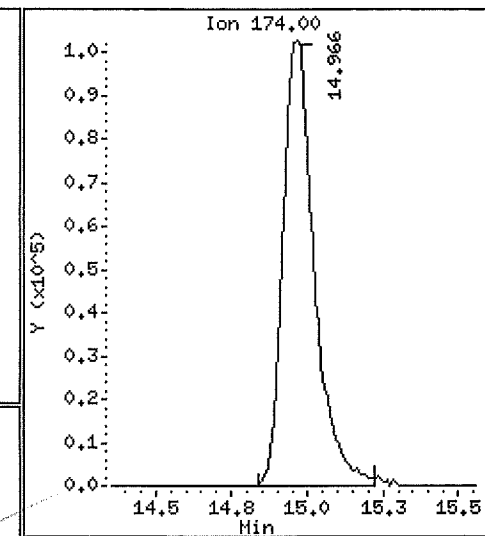
Concentration: 43.54 ug/Kg

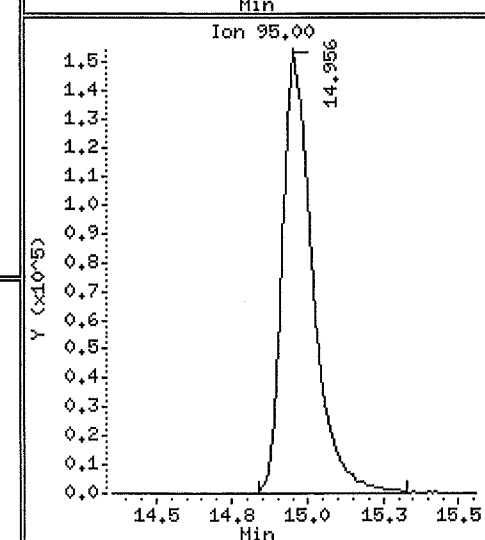


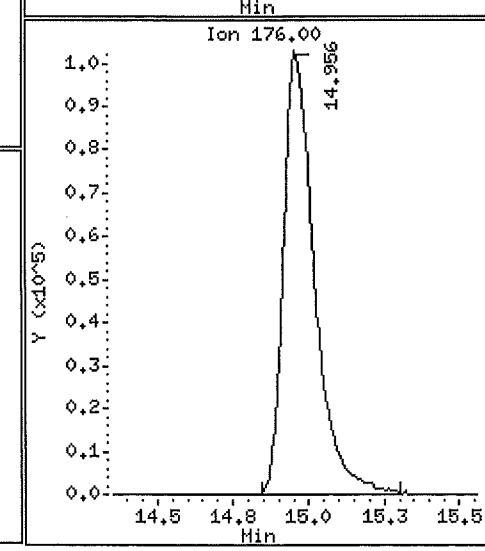












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12618.D

Date : 01-OCT-2000 14:54

Client ID: D12618

Instrument: md.i

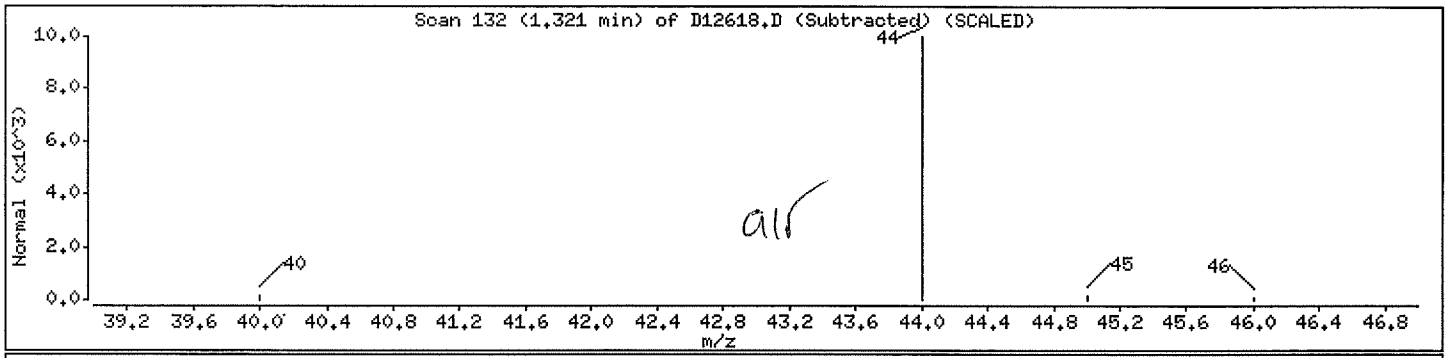
Sample Info: DL3G7101,,2,,0,1,0,8260BDA.M,D12618

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\1001AD.B\D12619.D
Lab Smp Id: DL3G8101 Client Smp ID: D12619
Inj Date : 01-OCT-2000 15:26
Operator : GFB Inst ID: md.i
Smp Info : DL3G8101,,2,,0,1,0,8260BDA.M,D12619
Misc Info : 285-8,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.996	5.989	(0.843)	876002	49.3429	49.34	
$ 33 1,2-Dichloroethane-d4	65	6.528	6.521	(0.918)	638327	48.8329	48.83	
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.521	(0.917)	121871	43.6756	43.68	
* 38 Fluorobenzene	96	7.109	7.082	(1.000)	1310378	50.0000		
$ 47 Toluene-d8	98	9.937	9.920	(0.788)	1313348	46.5903	46.59	
* 56 Chlorobenzene-d5	117	12.616	12.600	(1.000)	1272110	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.961	14.954	(0.866)	754384	43.1333	43.13	
$ 67 4-Bromofluorobenzene	95	14.961	14.954	(0.866)	1071851	42.3722	42.37	
* 79 1,4-Dichlorobenzene-d4	152	17.276	17.260	(1.000)	916902	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\1001AD.B\D12619.D
Lab Smp Id: DL3G8101 Client Smp ID: D12619
Inj Date : 01-OCT-2000 15:26
Operator : GFB Inst ID: md.i
Smp Info : DL3G8101,,2,,0,1,0,8260BDA.M,D12619
Misc Info : 285-8,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.109	3128375	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	816047	13.0426571	13.04	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3G8101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12619
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	13.04	J

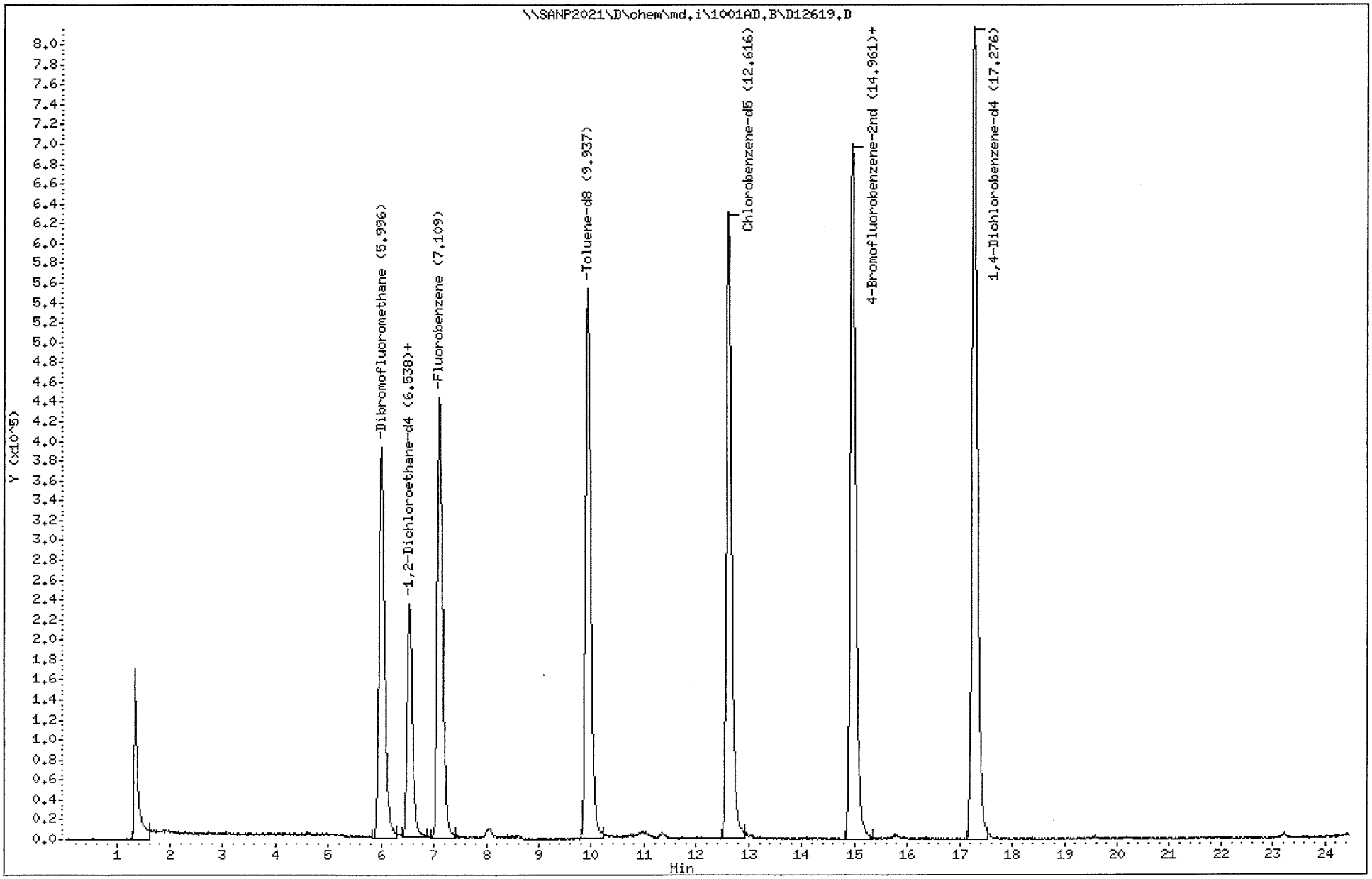
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12619.D
Date : 01-OCT-2000 15:26
Client ID: D12619
Sample Info: DL3G8101,,2,,0,1,0,8260BDA.M,D12619

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000663

BOE-C6-0156204

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12619.D

Date : 01-OCT-2000 15:26

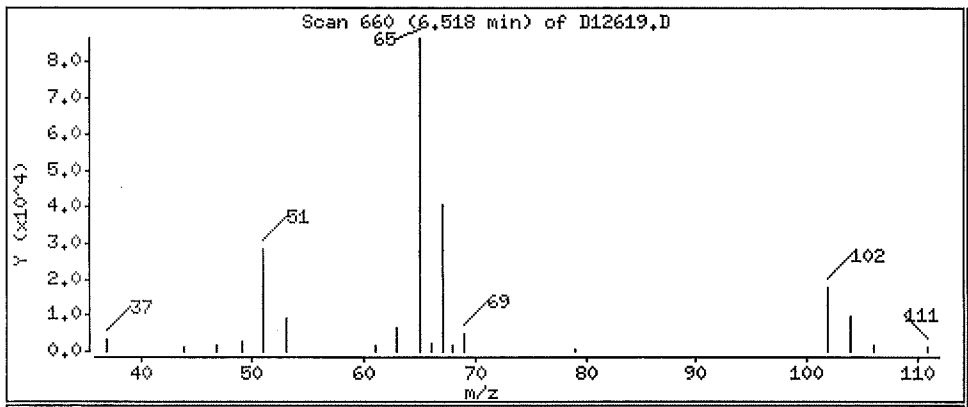
Client ID: D12619 Instrument: md.i

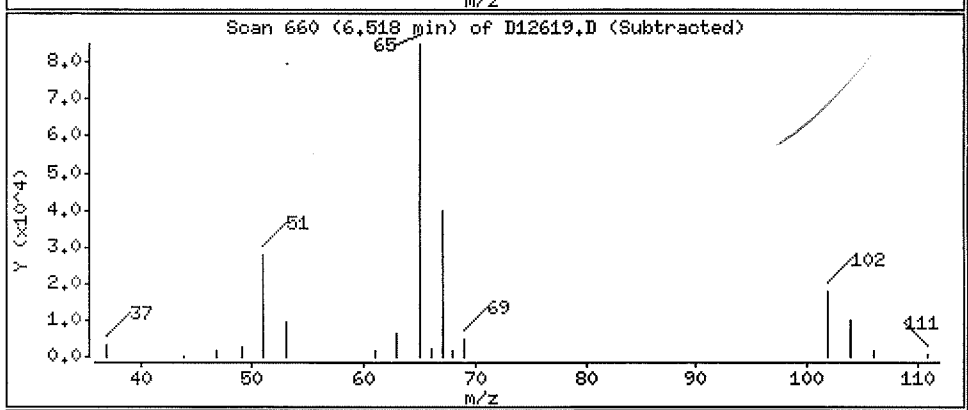
Sample Info: DL3G8101,,2,,0,1,0,8260BDA,M,D12619

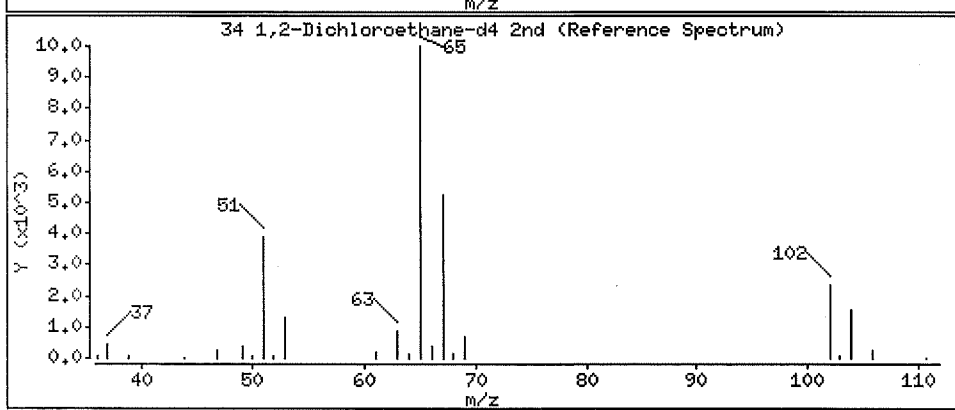
Operator: GFB

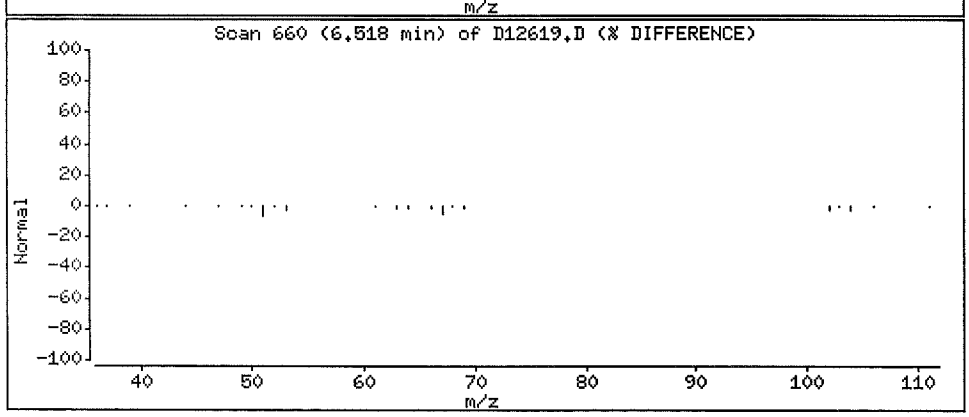
Column phase: J&W DB-624 Column diameter: 0.53

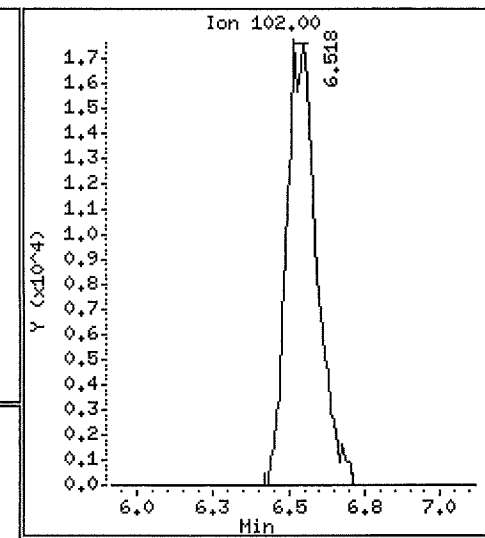
34 1,2-Dichloroethane-d4 2nd Concentration: 43.68 ug/Kg

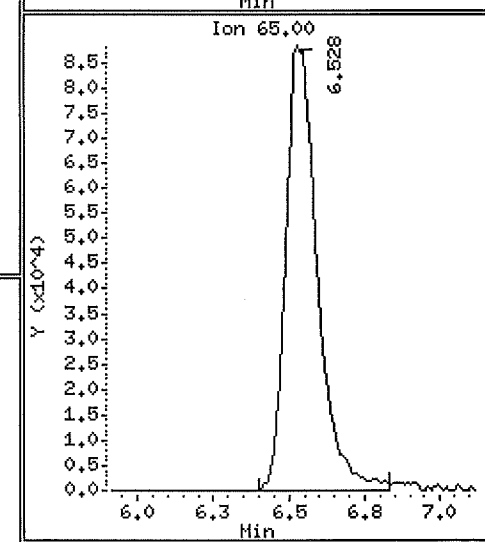












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12619.D

Date : 01-OCT-2000 15:26

Client ID: D12619

Instrument: md.i

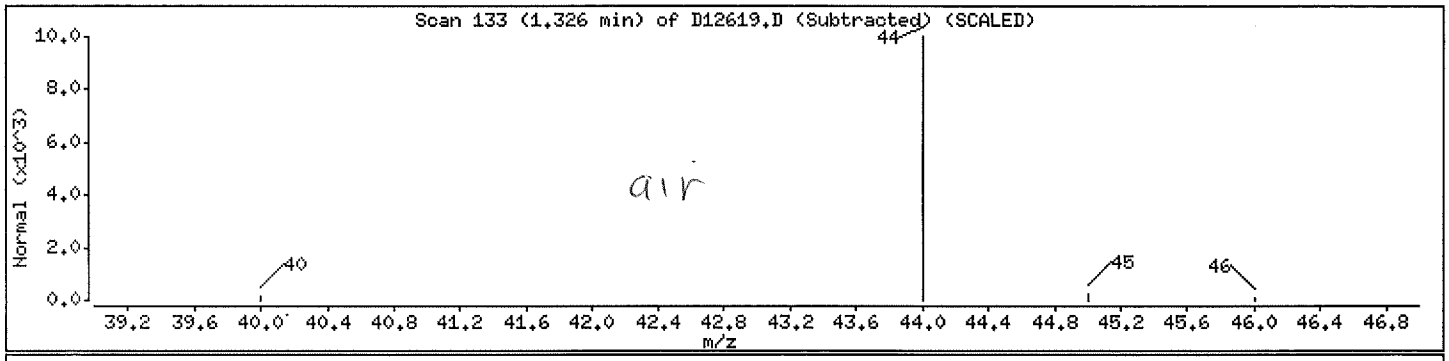
Sample Info: DL3G8101,,2,,0,1,0,8260BDA.M,D12619

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\1001AD.B\D12619.D

Date : 01-OCT-2000 15:26

Client ID: D12619

Instrument: md.i

Sample Info: DL3G8101,,2,,0,1,0,8260BDA,M,D12619

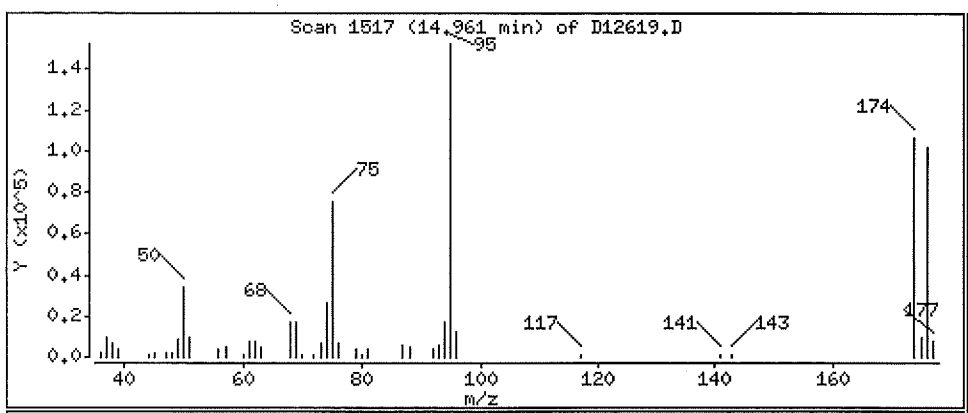
Operator: GFB

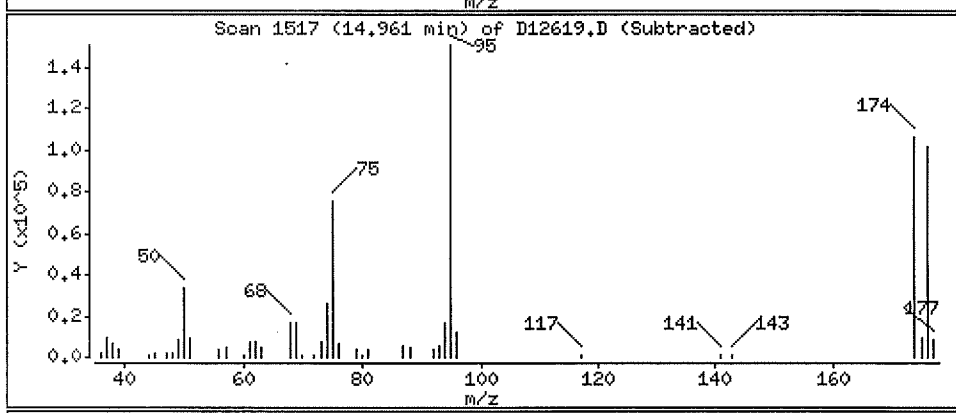
Column phase: J&W DB-624

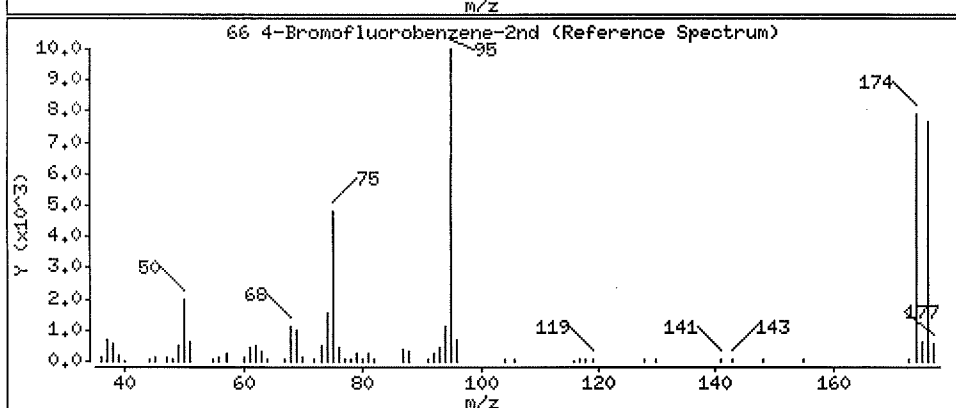
Column diameter: 0.53

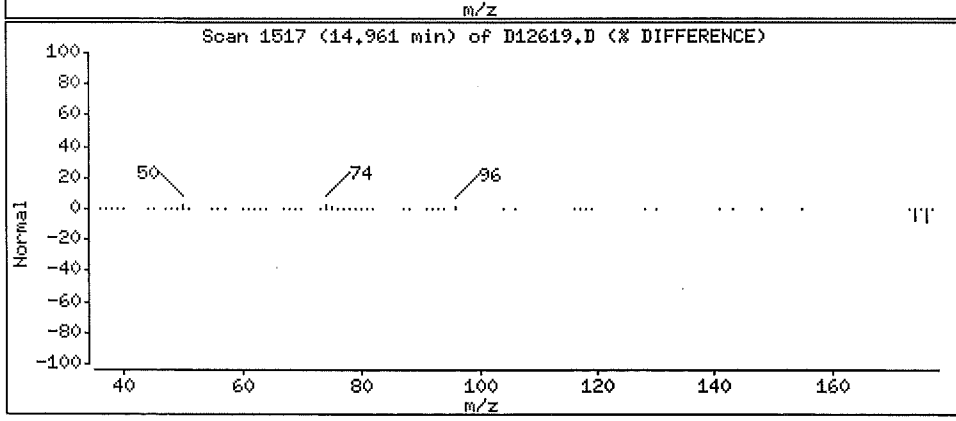
66 4-Bromofluorobenzene-2nd

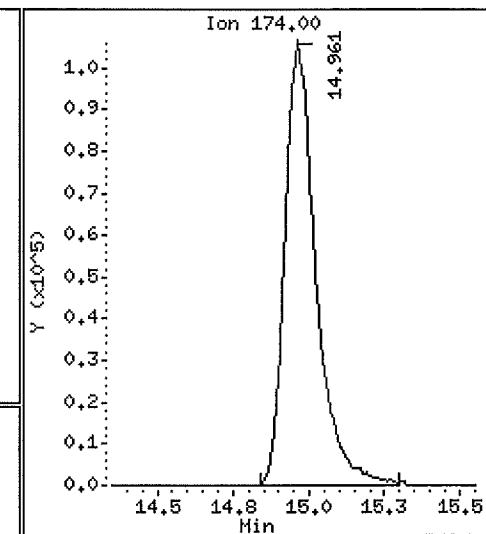
Concentration: 43.13 ug/Kg

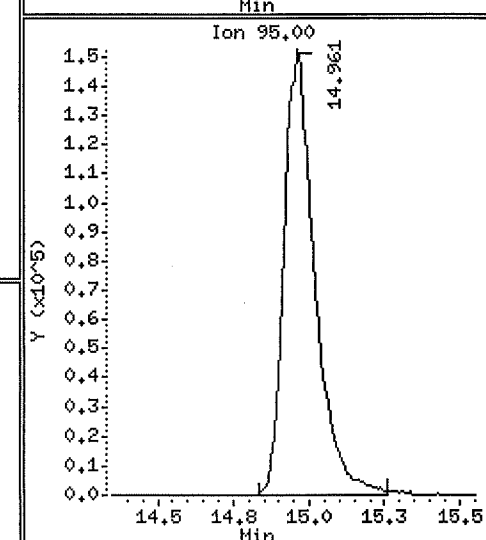


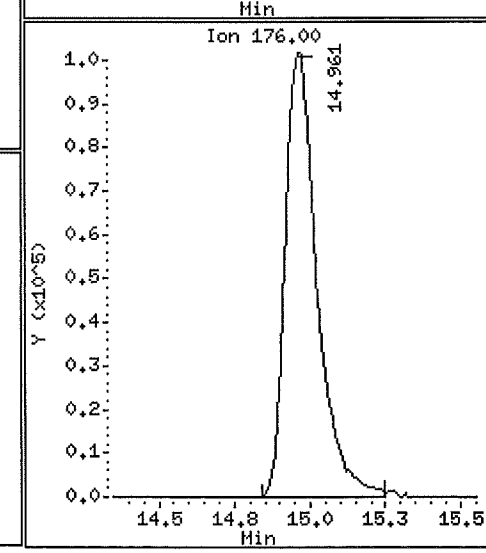












STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1001AD.B\D12620.D
Lab Smp Id: DL3G9101 Client Smp ID: D12620
Inj Date : 01-OCT-2000 15:58
Operator : GFB Inst ID: md.i
Smp Info : DL3G9101,,2,,0,1,0,8260BDA.M,D12620
Misc Info : 285-9,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	6.001	5.989	(0.845)	858612	50.9695	50.97	
$ 33 1,2-Dichloroethane-d4	65	6.543	6.521	(0.921)	621230	50.0859	50.08	
34 1,2-Dichloroethane-d4 2nd	102	6.543	6.521	(0.921)	117567	44.4035	44.40	
* 38 Fluorobenzene	96	7.105	7.082	(1.000)	1243379	50.0000		
$ 47 Toluene-d8	98	9.922	9.920	(0.786)	1225094	47.9427	47.94	
* 56 Chlorobenzene-d5	117	12.622	12.600	(1.000)	1153154	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.967	14.954	(0.866)	641685	48.1934	48.19	
$ 67 4-Bromofluorobenzene	95	14.967	14.954	(0.866)	899720	46.7195	46.72	
* 79 1,4-Dichlorobenzene-d4	152	17.282	17.260	(1.000)	698036	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\1001AD.B\D12620.D
Lab Smp Id: DL3G9101 Client Smp ID: D12620
Inj Date : 01-OCT-2000 15:58
Operator : GFB Inst ID: md.i
Smp Info : DL3G9101,,2,,0,1,0,8260BDA.M,D12620
Misc Info : 285-9,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.105	3061041	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	941161	15.3732100	15.37	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3G9101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12620
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~~ alv	1.321	15.37	J

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12620.D

Date : 01-OCT-2000 15:58

Client ID: D12620

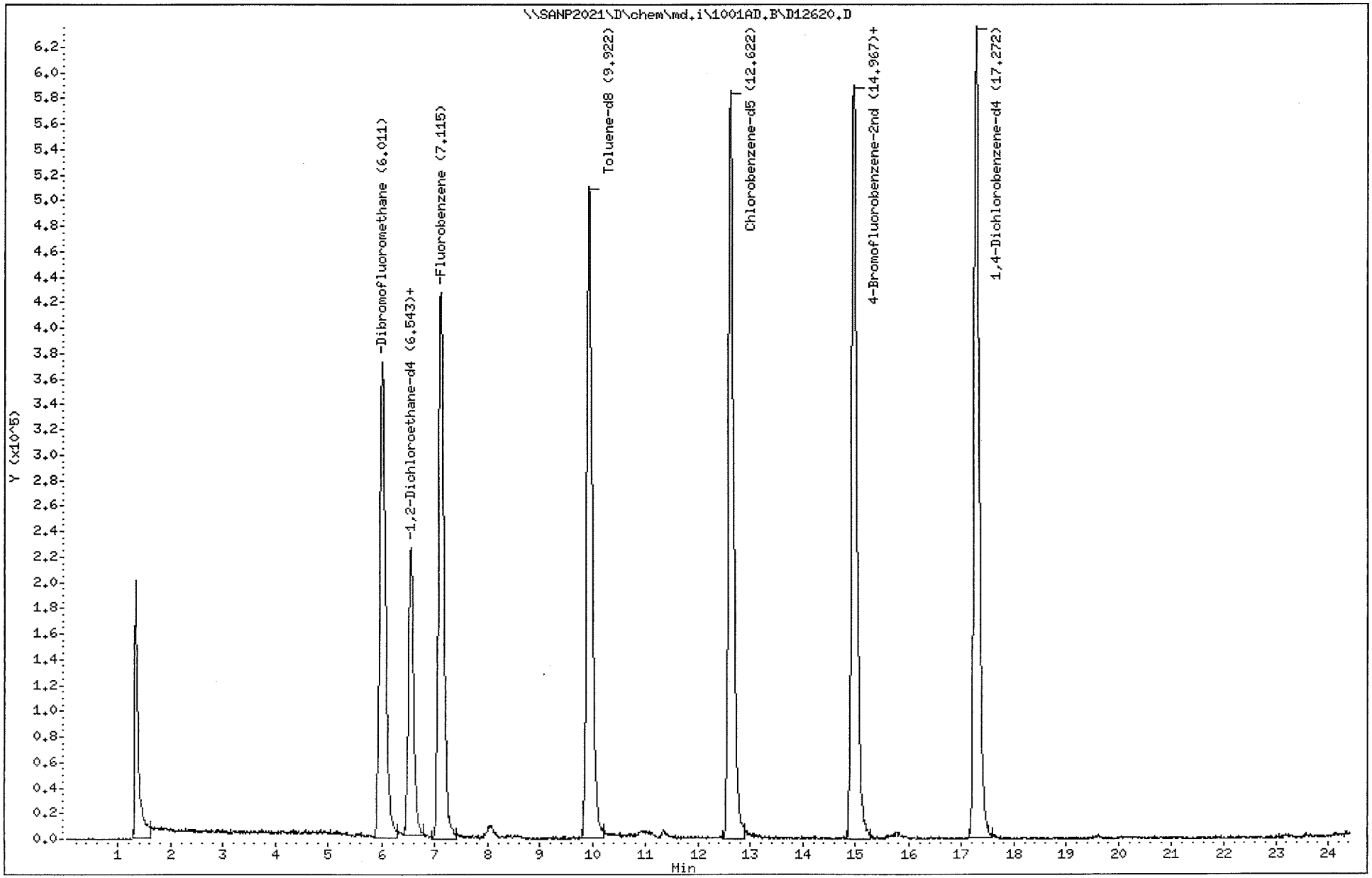
Sample Info: DL3G9101,,2,,0,1,0,8260BDA.M,D12620

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



BOE-C6-0156211

000670

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12620.D

Date : 01-OCT-2000 15:58

Client ID: D12620

Instrument: md.i

Sample Info: DL3G9101,,2,,0,1,0,8260BDA,M,D12620

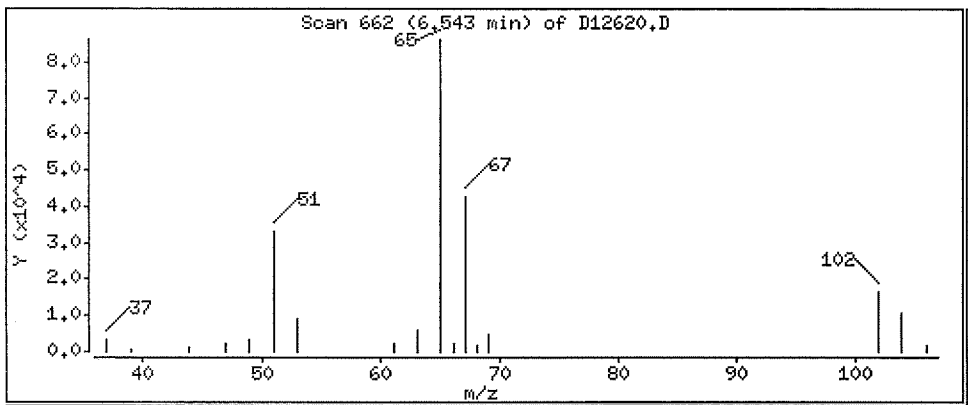
Operator: GFB

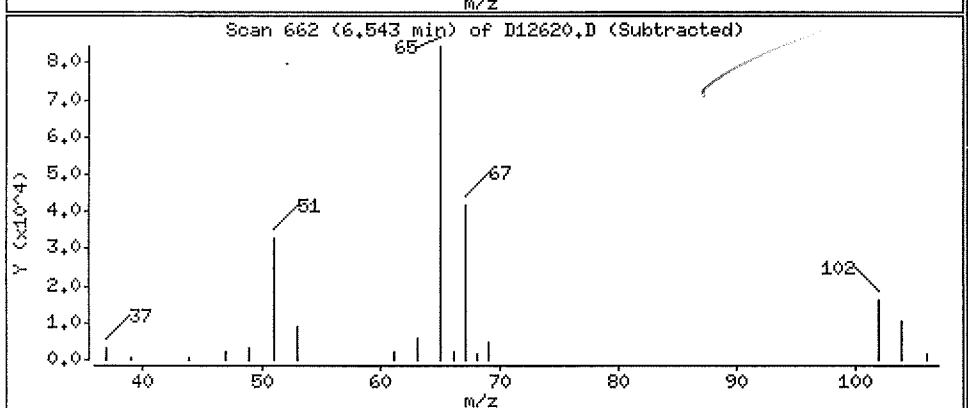
Column phase: J&W DB-624

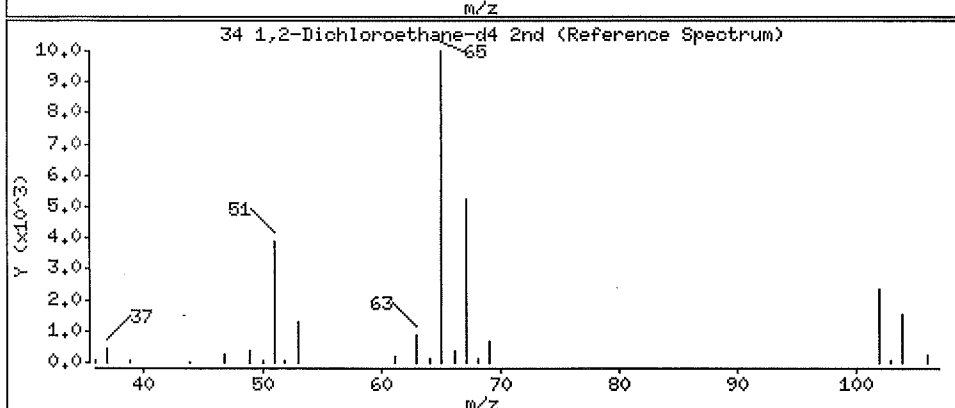
Column diameter: 0.53

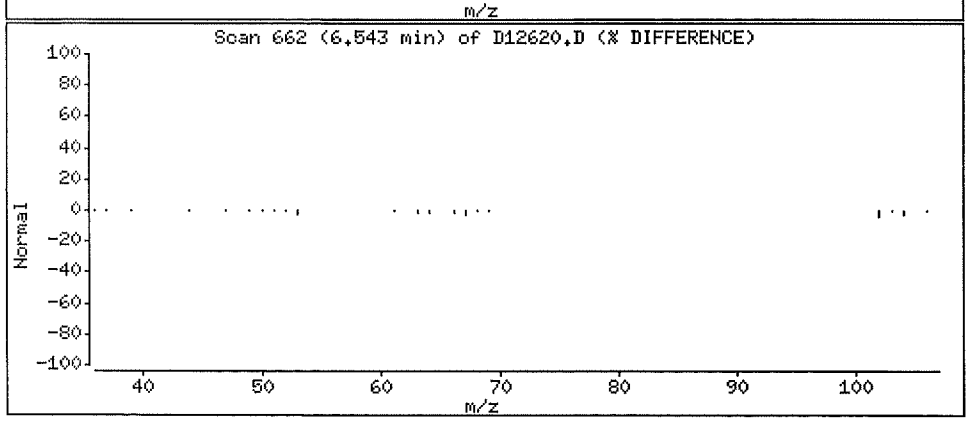
34 1,2-Dichloroethane-d4 2nd

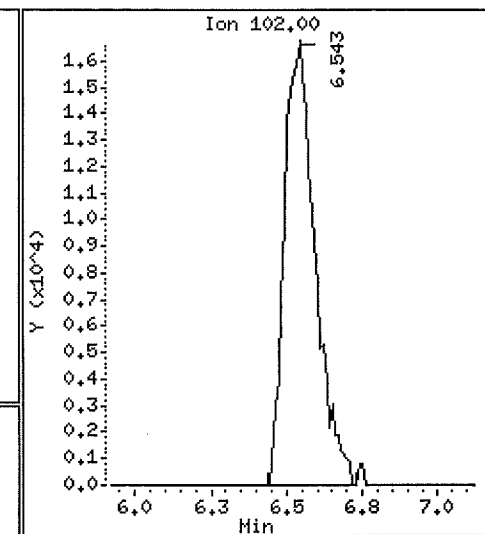
Concentration: 44.40 ug/Kg

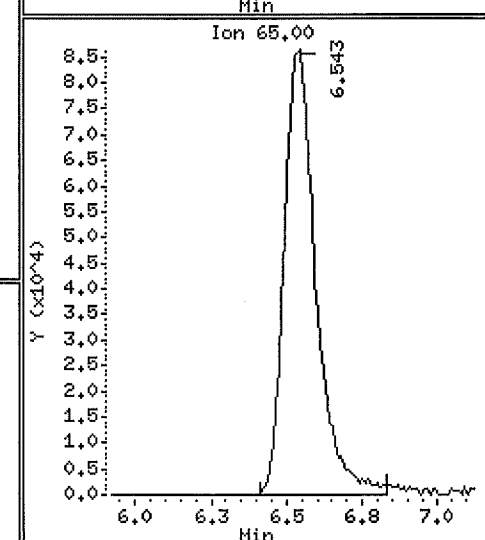












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12620.D

Date : 01-OCT-2000 15:58

Client ID: D12620

Instrument: md.i

Sample Info: DL3G9101,,2,,0,1,0,8260BDA.M,D12620

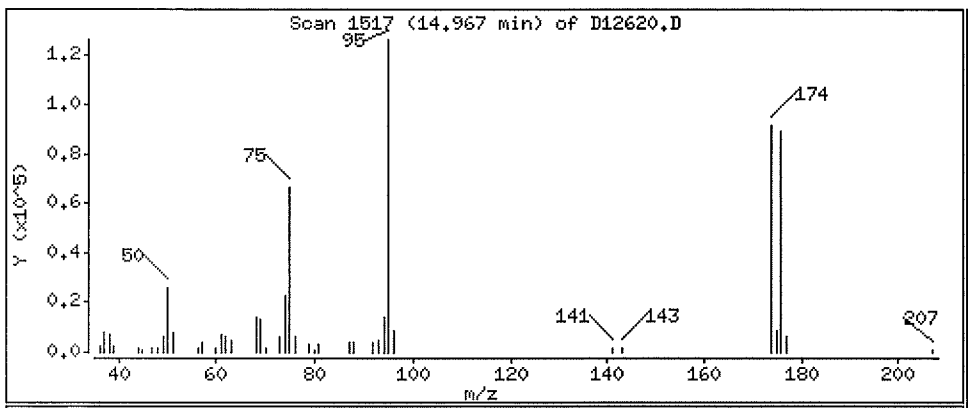
Operator: GFB

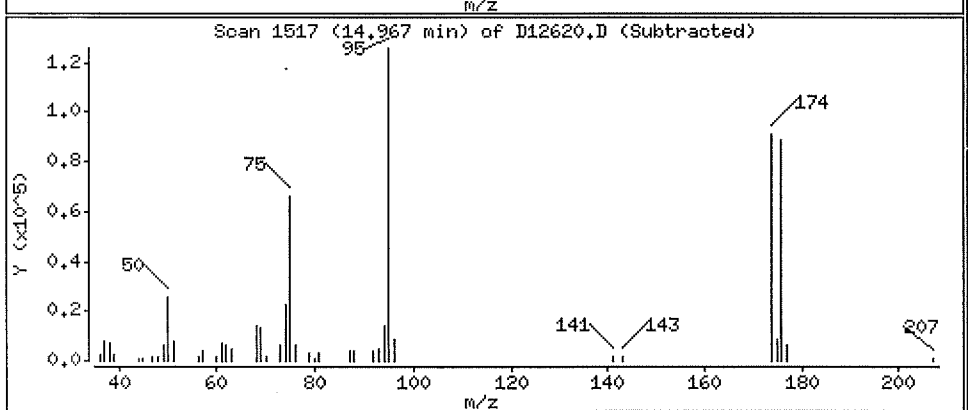
Column phase: J&W DB-624

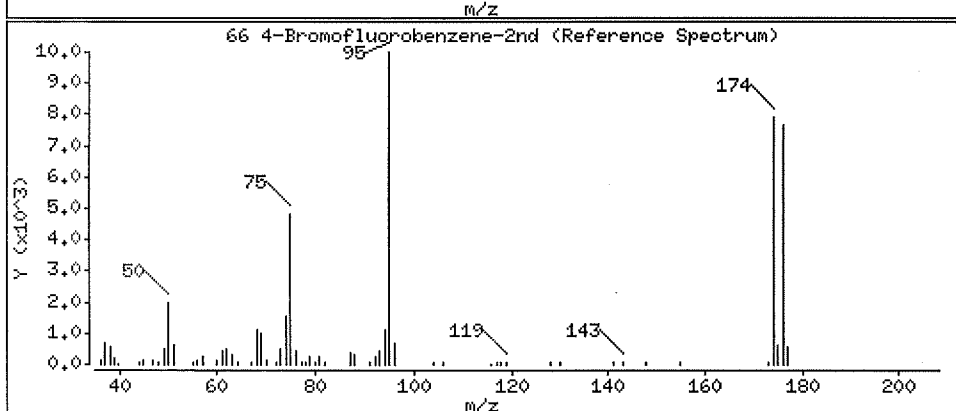
Column diameter: 0.53

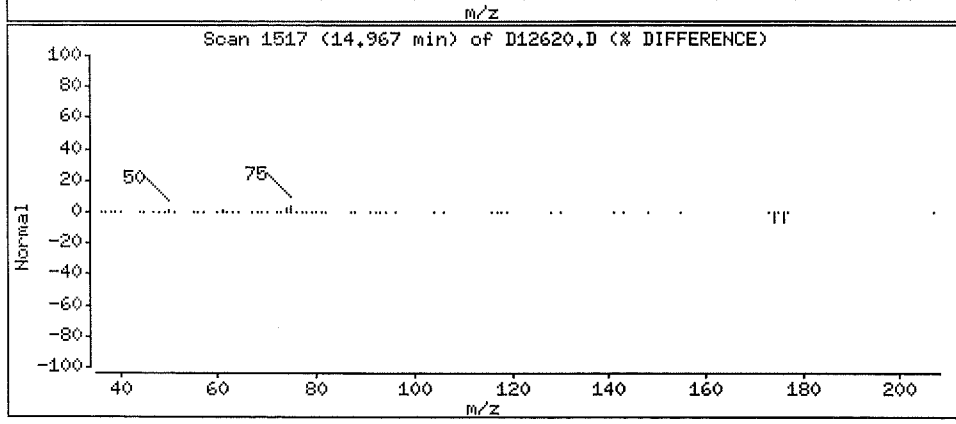
66 4-Bromofluorobenzene-2nd

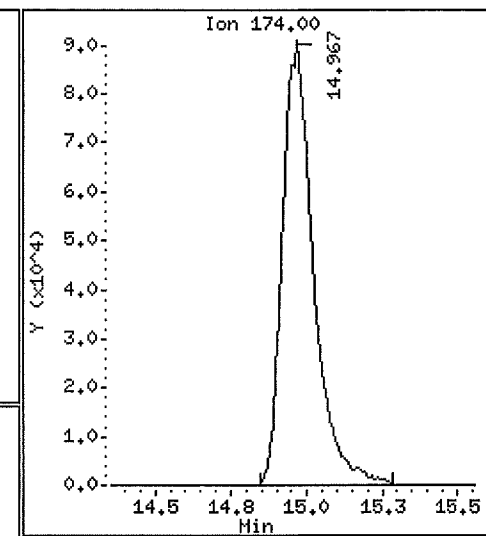
Concentration: 48.19 ug/Kg

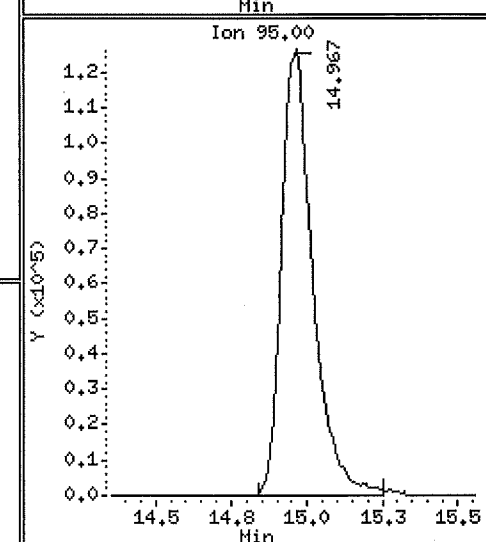


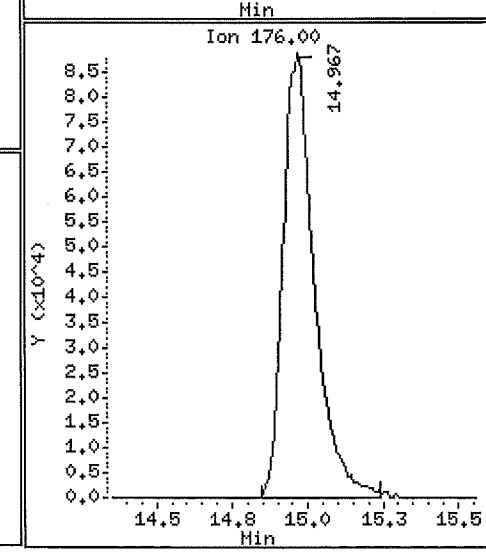












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12620.D

Date : 01-OCT-2000 15:58

Client ID: D12620

Instrument: md.i

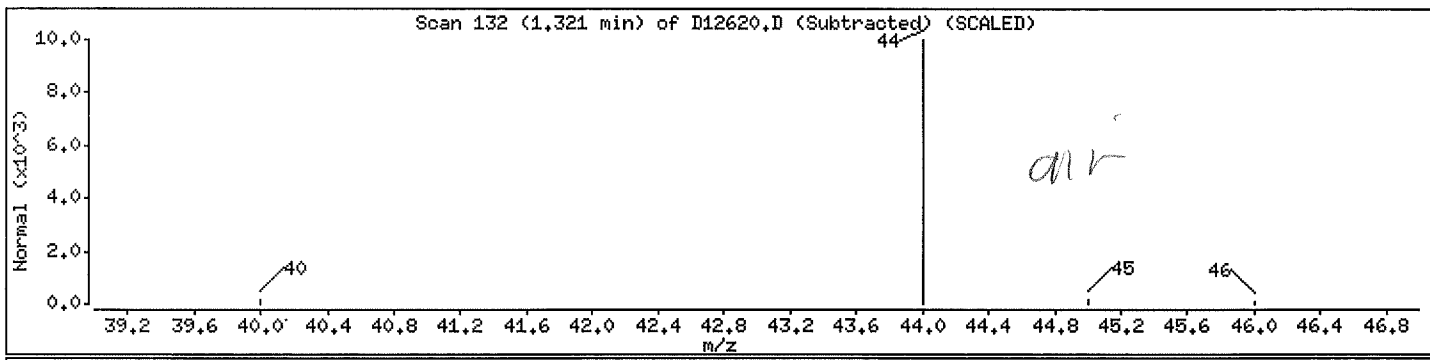
Sample Info: DL3G9101,,2,,0,1,0,8260BDA.M,D12620

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\1001AD.B\D12623.D
Lab Smp Id: DL3GA101 Client Smp ID: D12623
Inj Date : 01-OCT-2000 17:34
Operator : GFB Inst ID: md.i
Smp Info : DL3GA101,,2,,0,1,0,8260BDA.M,D12623
Misc Info : 285-10,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	6.000	5.989	(0.843)	851665	49.1707	49.17
$ 33 1,2-Dichloroethane-d4	65	6.542	6.521	(0.920)	628462	49.2795	49.28
34 1,2-Dichloroethane-d4 2nd	102	6.542	6.521	(0.920)	114619	42.1031	42.10
36 1,2-Dichloroethane	62	7.093	6.649	(0.997)	23405	1.67025	1.67(aQ)
* 38 Fluorobenzene	96	7.113	7.082	(1.000)	1278435	50.0000	
$ 47 Toluene-d8	98	9.931	9.920	(0.787)	1255479	45.2991	45.30
* 56 Chlorobenzene-d5	117	12.611	12.600	(1.000)	1250719	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.956	14.954	(0.866)	731979	42.8457	42.84
$ 67 4-Bromofluorobenzene	95	14.956	14.954	(0.866)	1023399	41.4170	41.42
* 79 1,4-Dichlorobenzene-d4	152	17.271	17.260	(1.000)	895642	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\1001AD.B\D12623.D
Lab Smp Id: DL3GA101 Client Smp ID: D12623
Inj Date : 01-OCT-2000 17:34
Operator : GFB Inst ID: md.i
Smp Info : DL3GA101,,2,,0,1,0,8260BDA.M,D12623
Misc Info : 285-10,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.113	3000050	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.330	747871	12.4643012	12.46	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GA101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12623
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\V	1.330	12.46	J

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12623.D

Date : 01-OCT-2000 17:34

Client ID: D12623

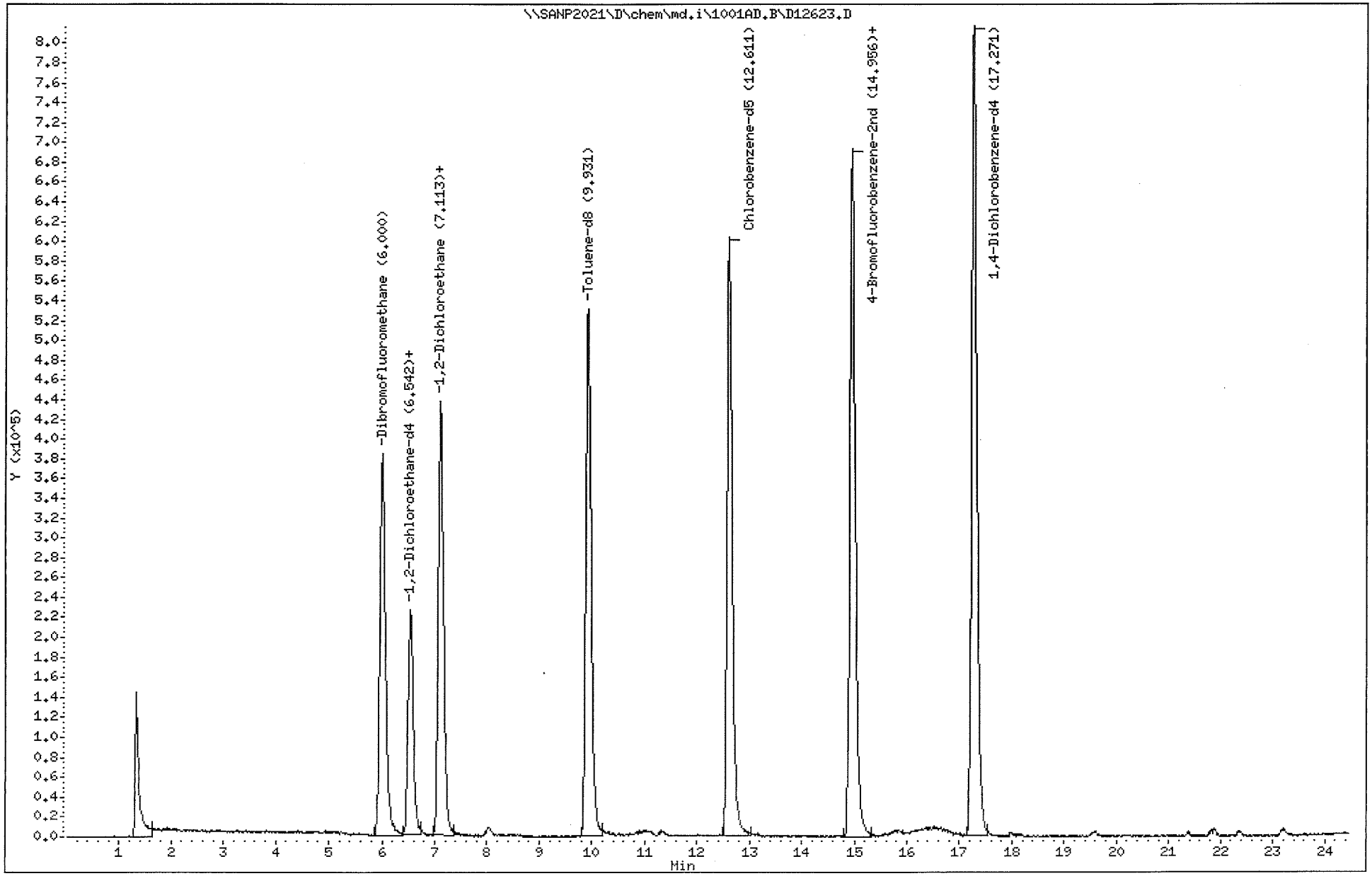
Sample Info: DL3GA101,,2,,0,1,0,8260BDA.M,D12623

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000678

BOE-C6-0156219

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12623.D

Date : 01-OCT-2000 17:34

Client ID: D12623

Instrument: md.i

Sample Info: DL3GA101,,2,,0,1,0,8260BDA.M,D12623

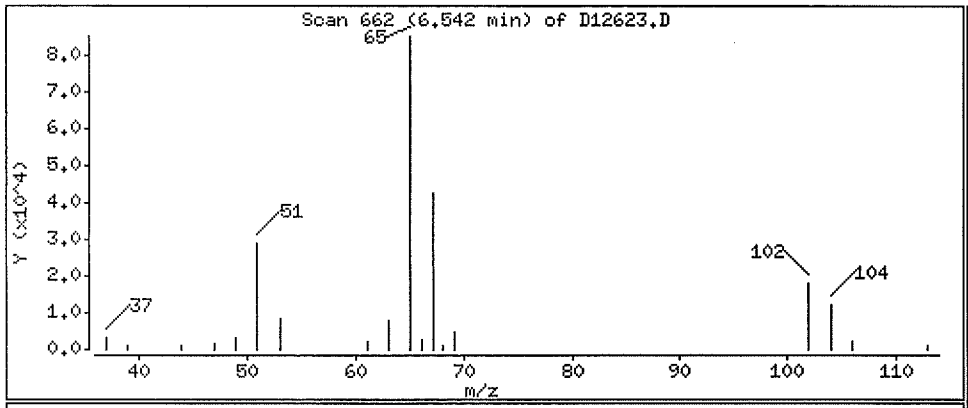
Operator: GFB

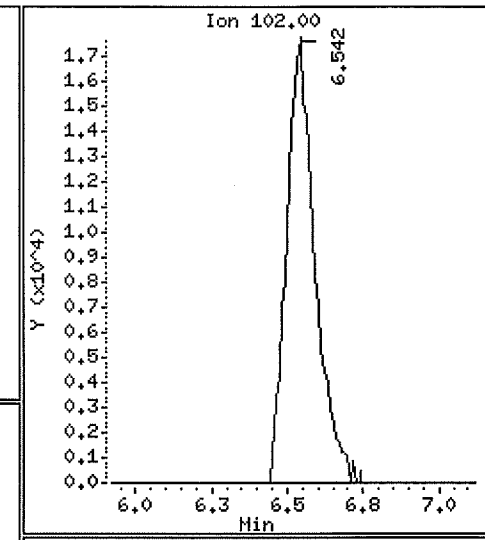
Column phase: J&W DB-624

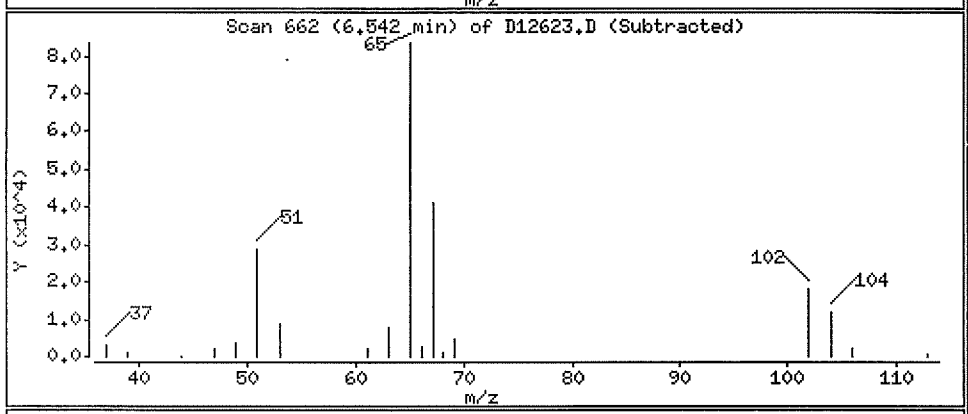
Column diameter: 0.53

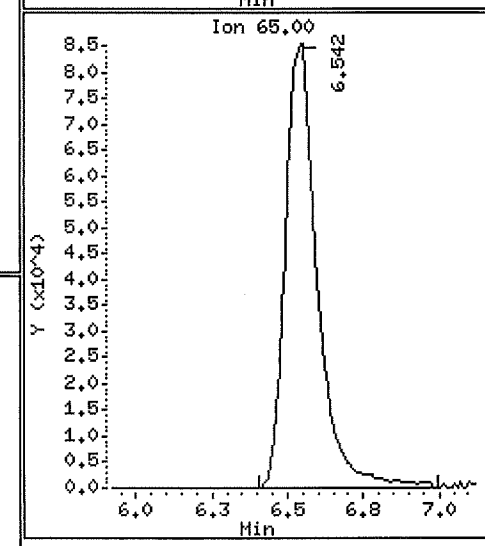
34 1,2-Dichloroethane-d4 2nd

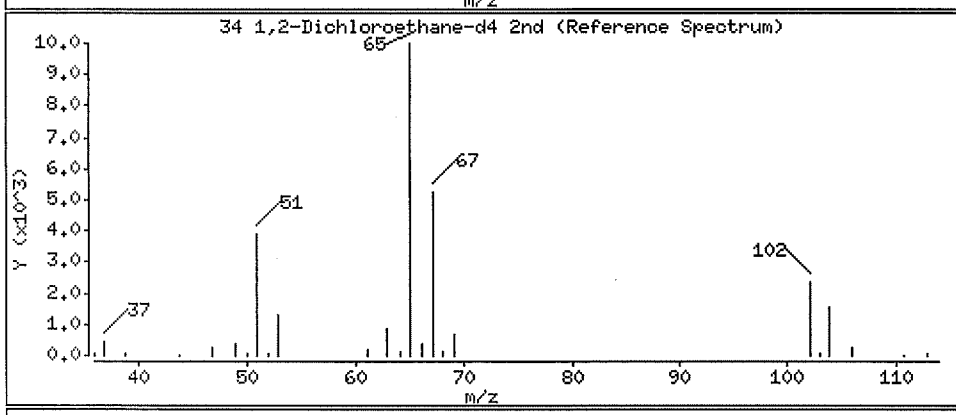
Concentration: 42.10 ug/Kg

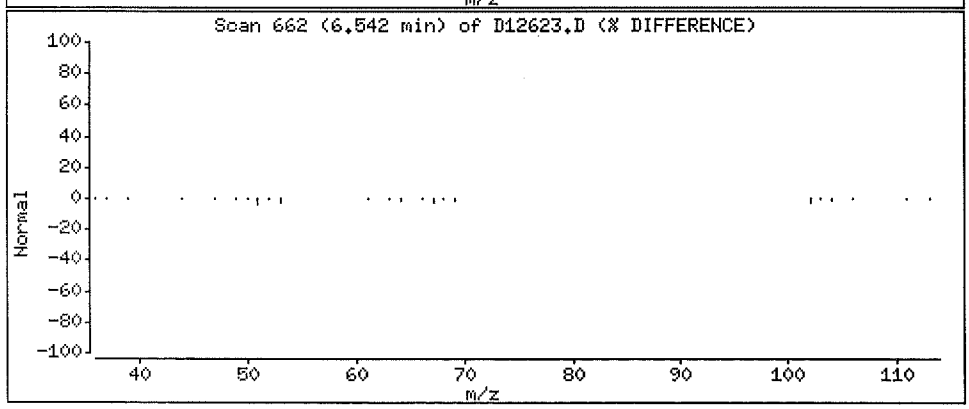












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12623.D

Date : 01-OCT-2000 17:34

Client ID: D12623

Instrument: md.i

Sample Info: DL3GA101,,2,,0,1,0,8260BDA,M,D12623

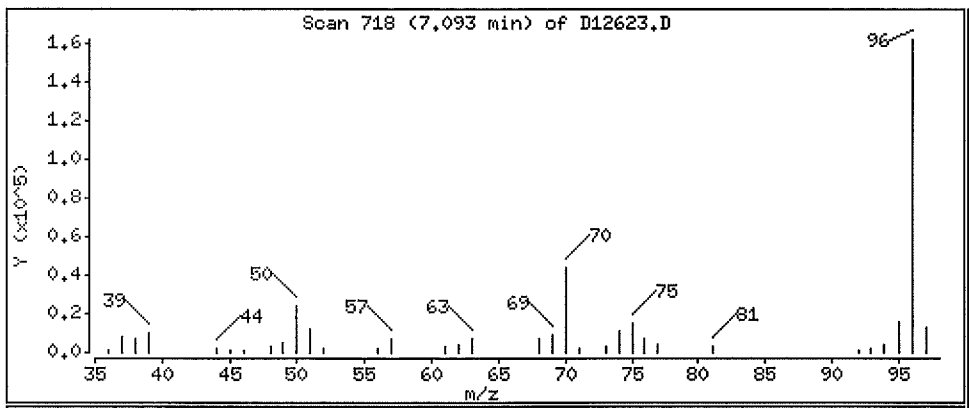
Operator: GFB

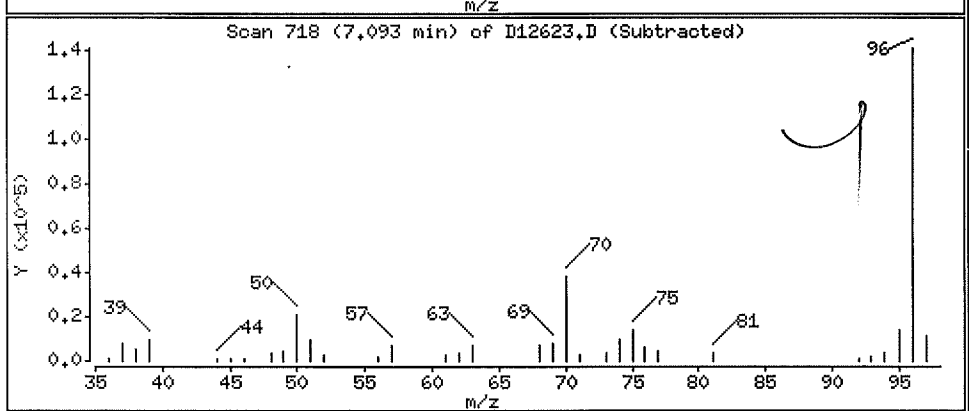
Column phase: J&W DB-624

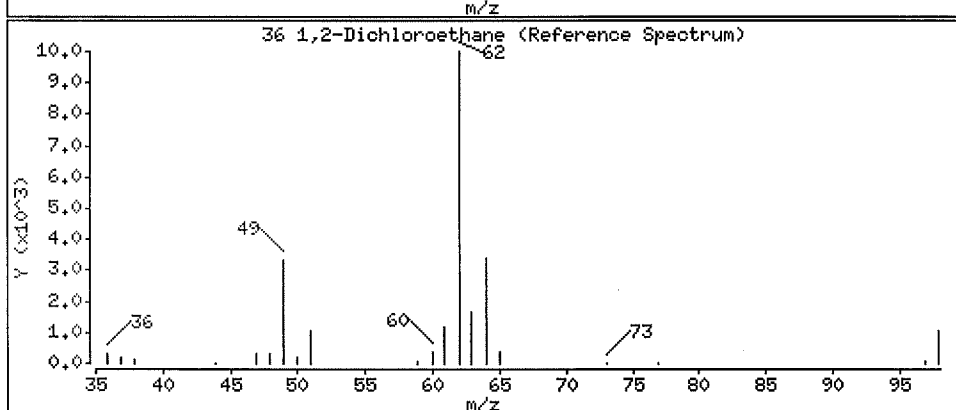
Column diameter: 0.53

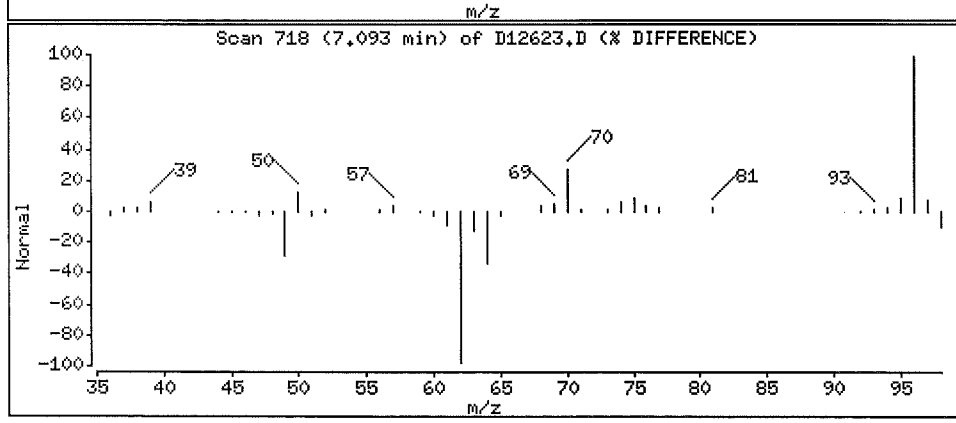
36 1,2-Dichloroethane

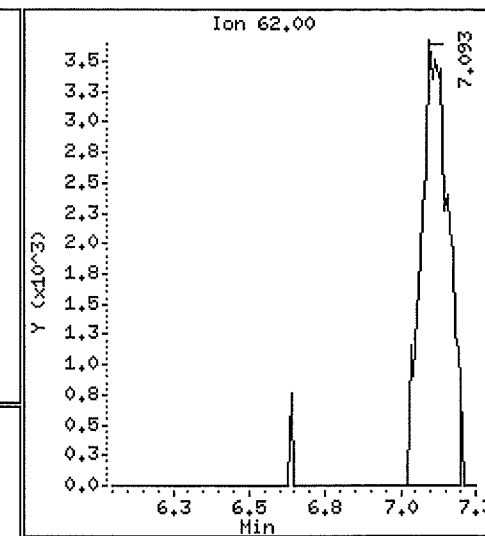
Concentration: 1.67 ug/Kg

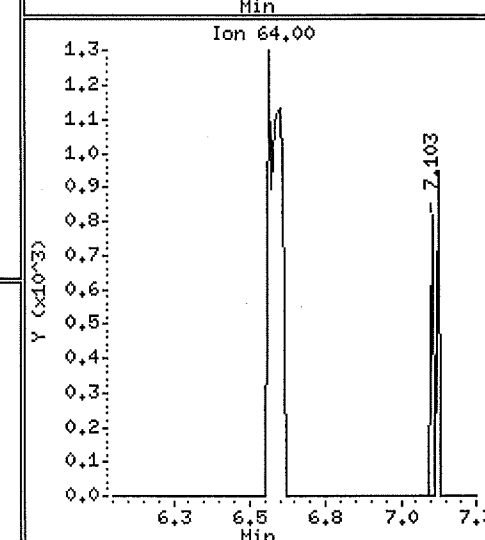


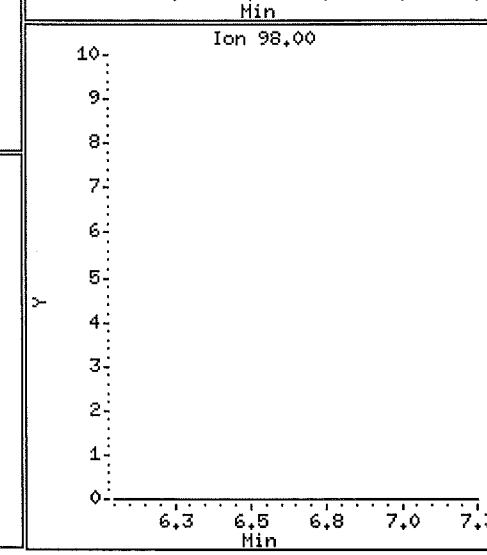












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12623.D

Date : 01-OCT-2000 17:34

Client ID: D12623

Instrument: md.i

Sample Info: DL3GA101,,2,,0,1,0,8260BDA,M,D12623

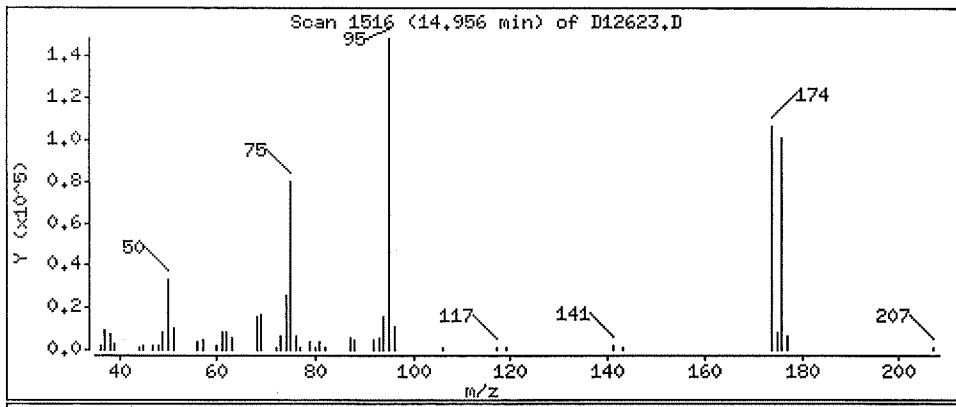
Operator: GFB

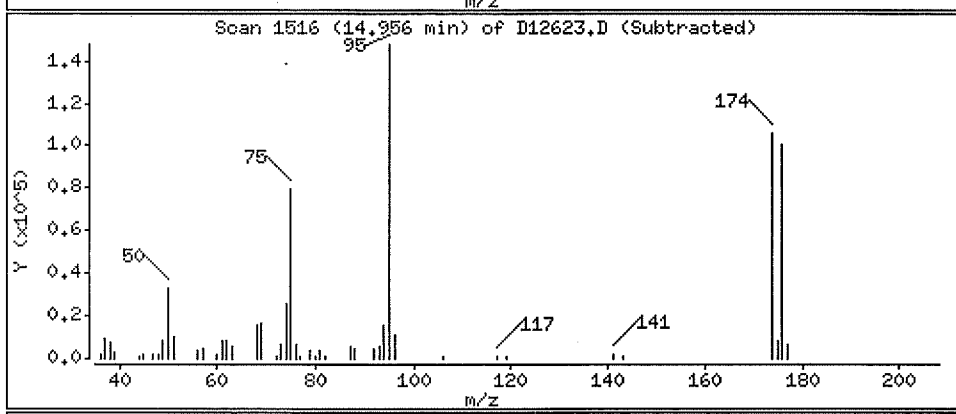
Column phase: J&W DB-624

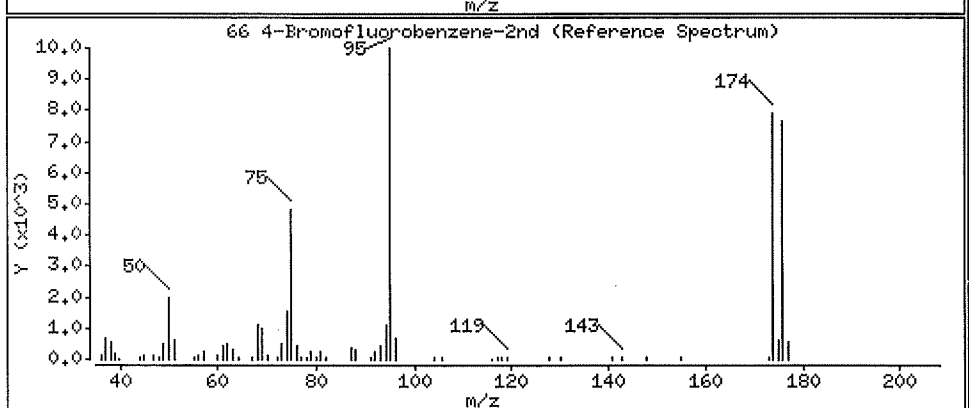
Column diameter: 0.53

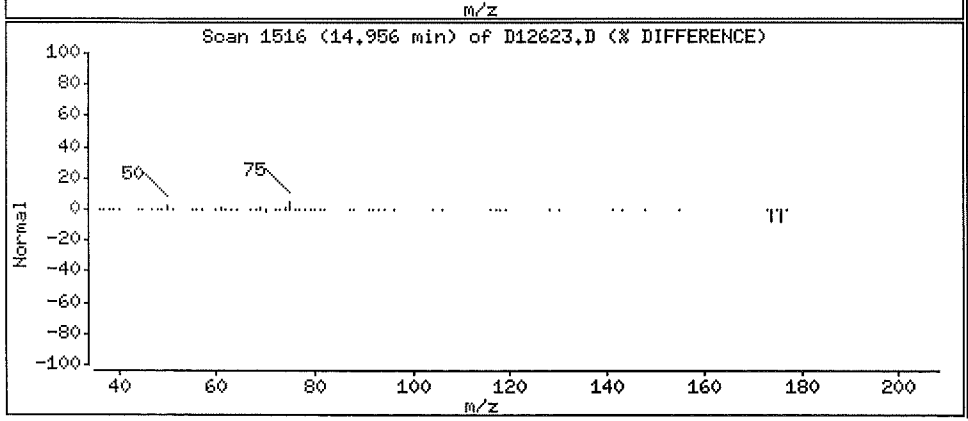
66 4-Bromofluorobenzene-2nd

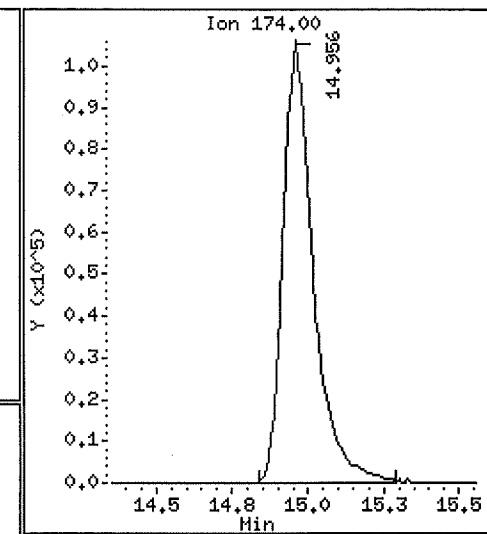
Concentration: 42.84 ug/Kg

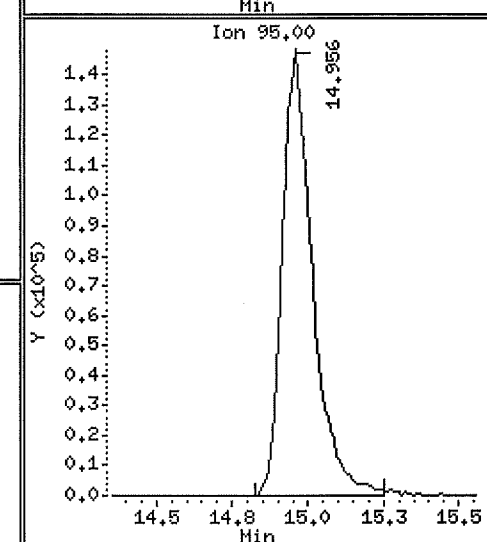


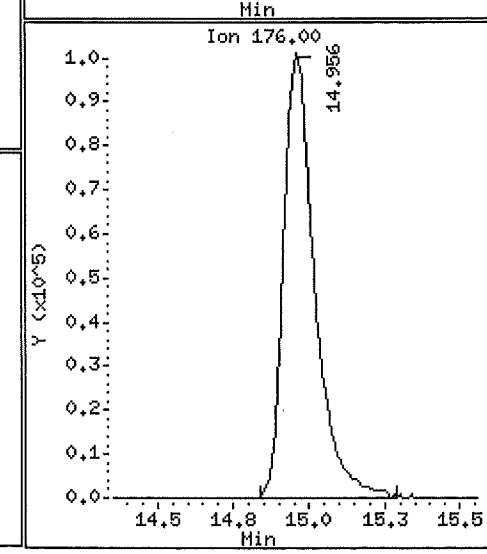












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12623.D

Date : 01-OCT-2000 17:34

Client ID: D12623

Instrument: md.i

Sample Info: DL3GA101,,2,,0,1,0,8260BDA.M,D12623

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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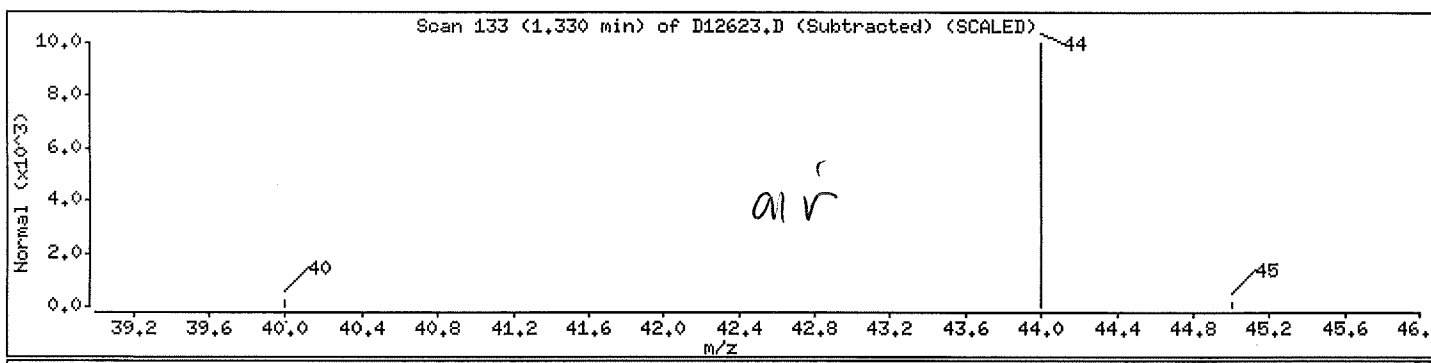


000682

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1001AD.B\D12624.D
Lab Smp Id: DL3GC101 Client Smp ID: D12624
Inj Date : 01-OCT-2000 18:06
Operator : GFB Inst ID: md.i
Smp Info : DL3GC101,,2,,0,1,0,8260BDA.M,D12624
Misc Info : 285-11,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.996	5.989	(0.845)	827056	48.8109	48.81	
$ 33 1,2-Dichloroethane-d4	65	6.538	6.521	(0.921)	603083	48.3402	48.34	
34 1,2-Dichloroethane-d4 2nd	102	6.538	6.521	(0.921)	115163	43.2426	43.24	
* 38 Fluorobenzene	96	7.100	7.082	(1.000)	1250647	50.0000		
$ 47 Toluene-d8	98	9.937	9.920	(0.788)	1229025	45.3711	45.37	
* 56 Chlorobenzene-d5	117	12.617	12.600	(1.000)	1222422	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.954	(0.866)	718806	44.1586	44.16	
$ 67 4-Bromofluorobenzene	95	14.952	14.954	(0.866)	1013369	43.0424	43.04	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.260	(1.000)	853375	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\1001AD.B\D12624.D
Lab Smp Id: DL3GC101 Client Smp ID: D12624
Inj Date : 01-OCT-2000 18:06
Operator : GFB Inst ID: md.i
Smp Info : DL3GC101,,2,,0,1,0,8260BDA.M,D12624
Misc Info : 285-11,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	2971226	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	740663	12.4639265	12.46	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GC101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12624
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	12.46	J

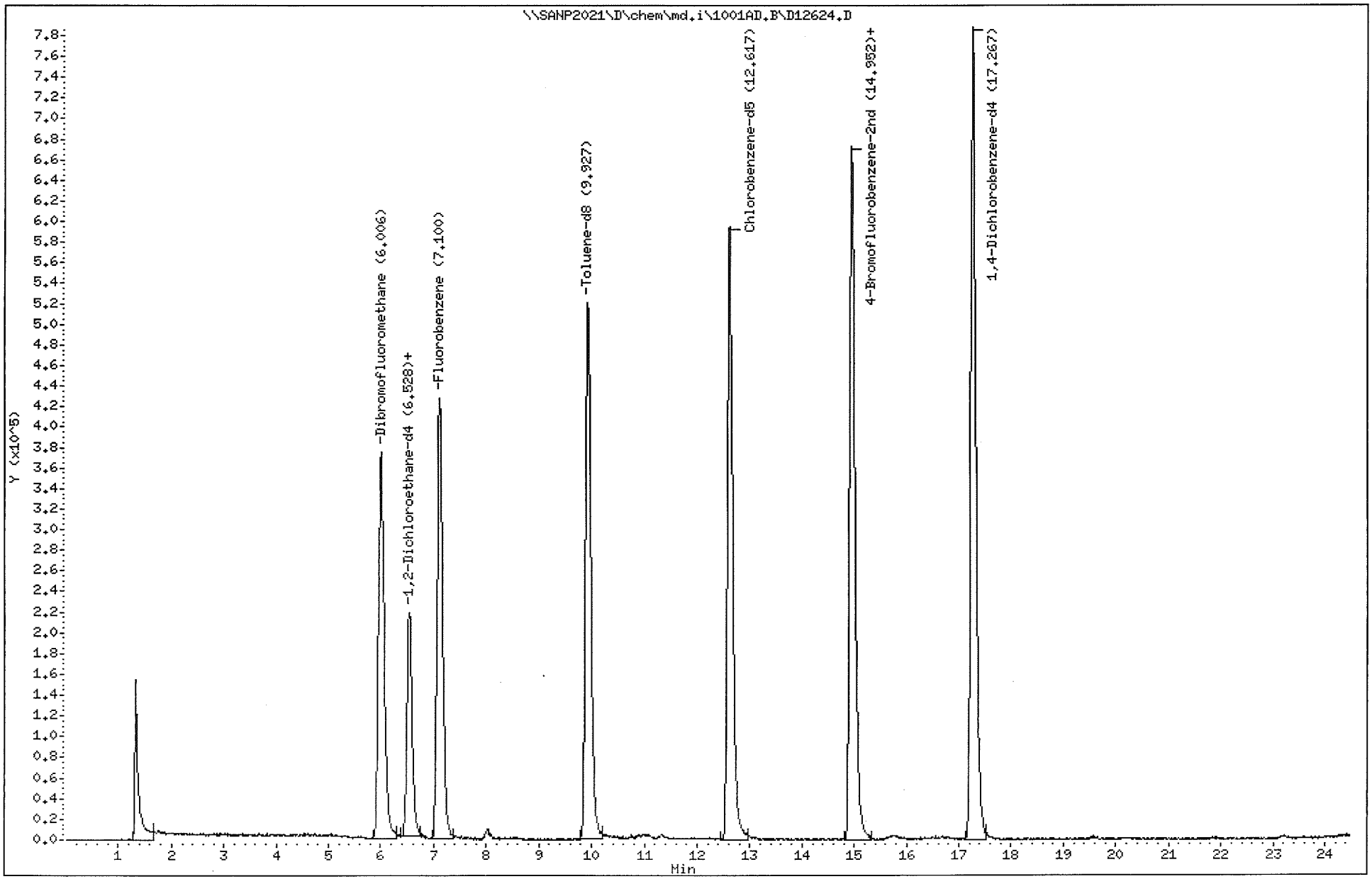
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12624.D
Date : 01-OCT-2000 18:06
Client ID: D12624
Sample Info: DL3GC101,,2,,0,1,0,8260BDA.M,D12624

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000686

BOE-C6-0156227

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12624.D

Date : 01-OCT-2000 18:06

Client ID: D12624

Instrument: md.i

Sample Info: DL3GC101,,2,,0,1,0,8260BDA.M,D12624

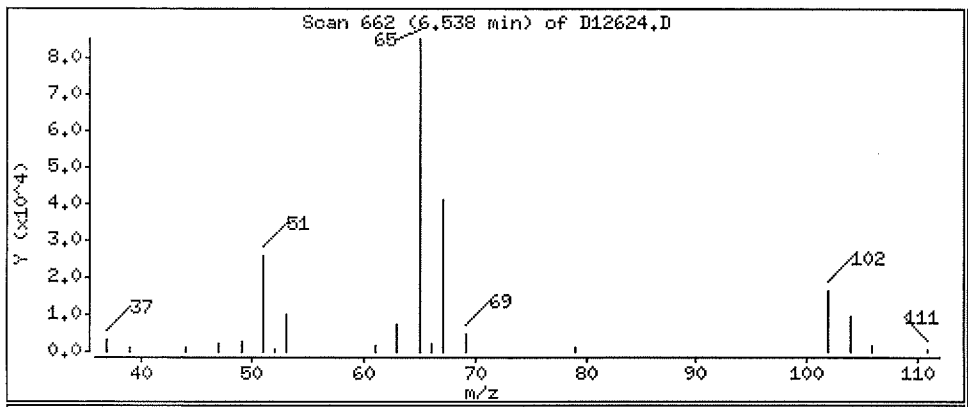
Operator: GFB

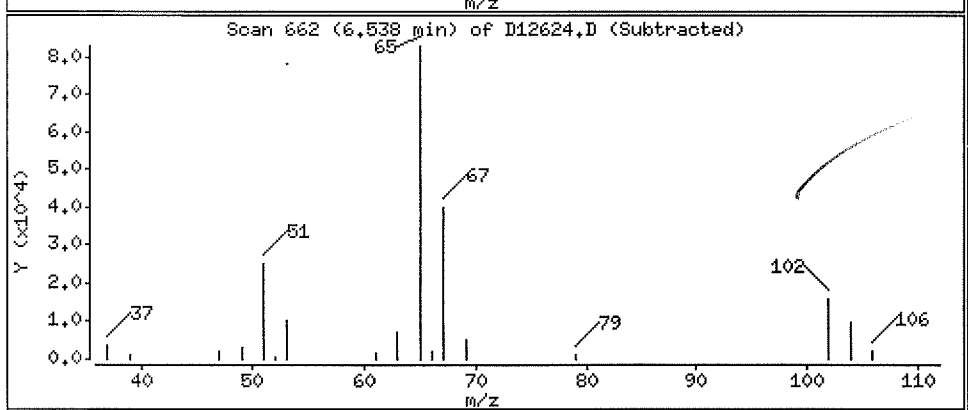
Column phase: J&W DB-624

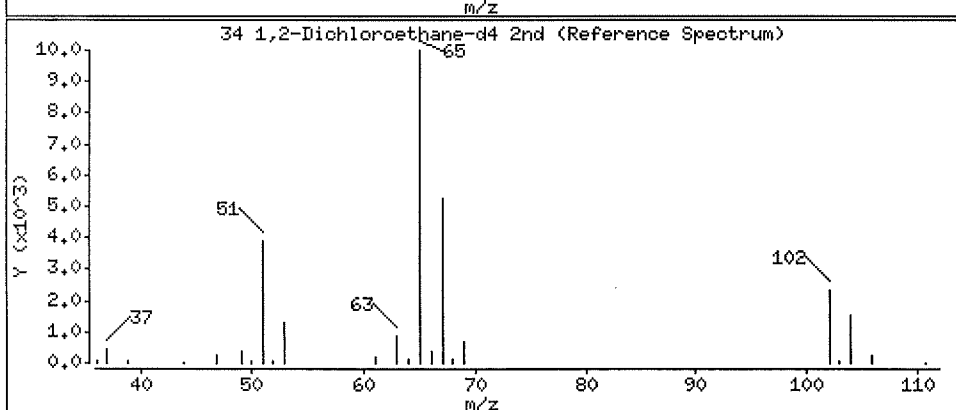
Column diameter: 0.53

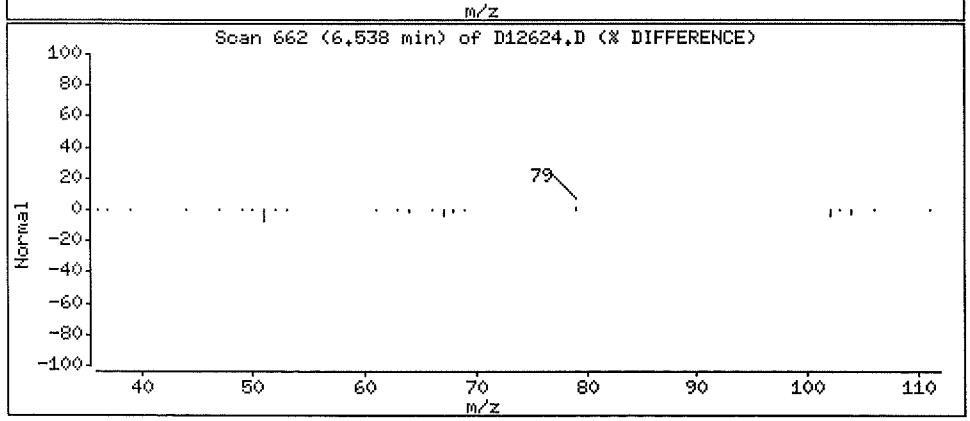
34 1,2-Dichloroethane-d4 2nd

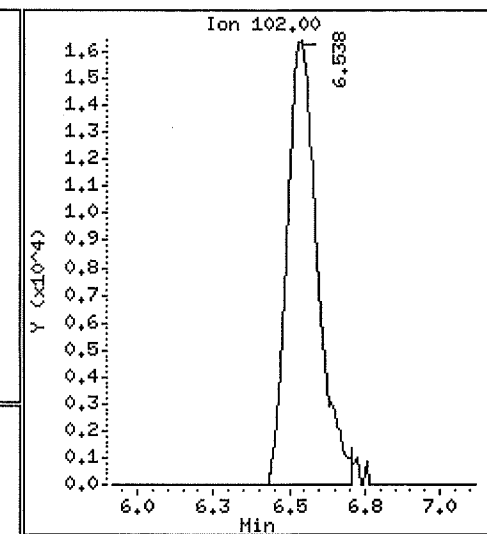
Concentration: 43.24 ug/Kg

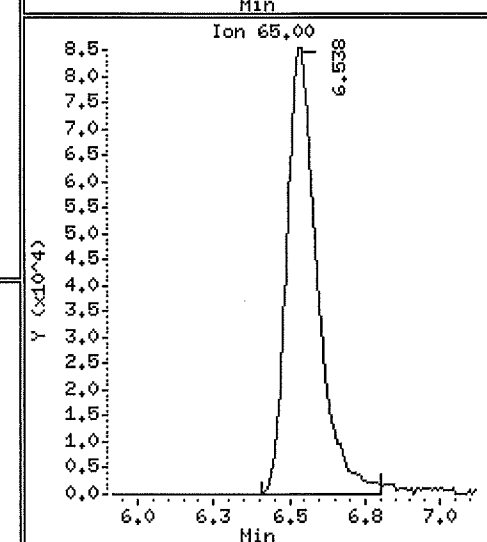












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12624.D

Date : 01-OCT-2000 18:06

Client ID: D12624

Instrument: md.i

Sample Info: DL3GC101,,2,,0,1,0,8260BDA.M,D12624

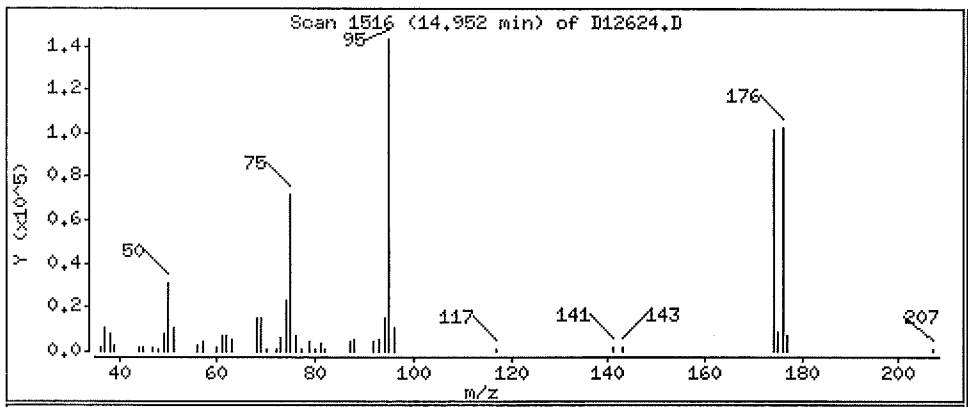
Operator: GFB

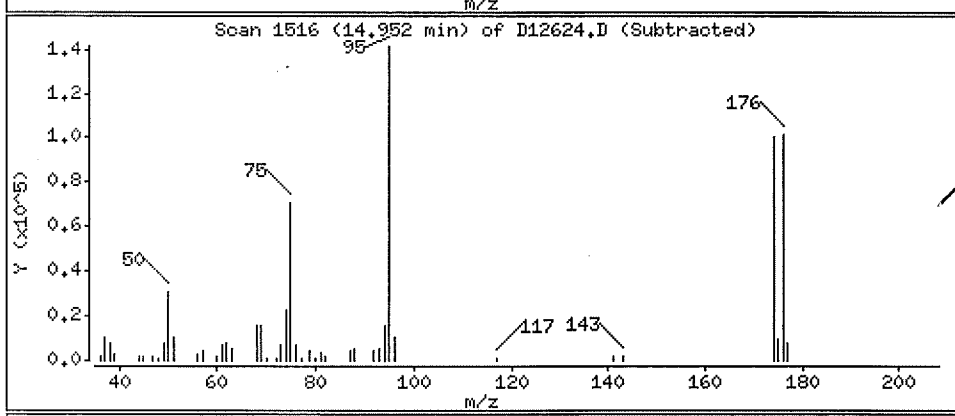
Column phase: J&W DB-624

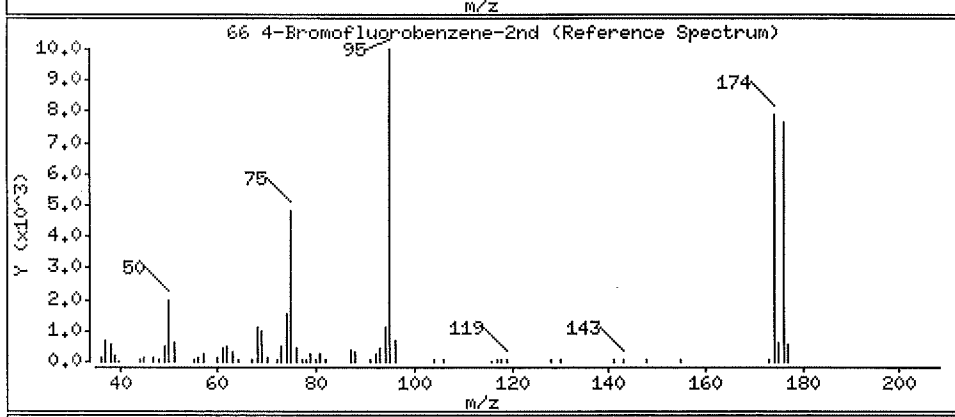
Column diameter: 0.53

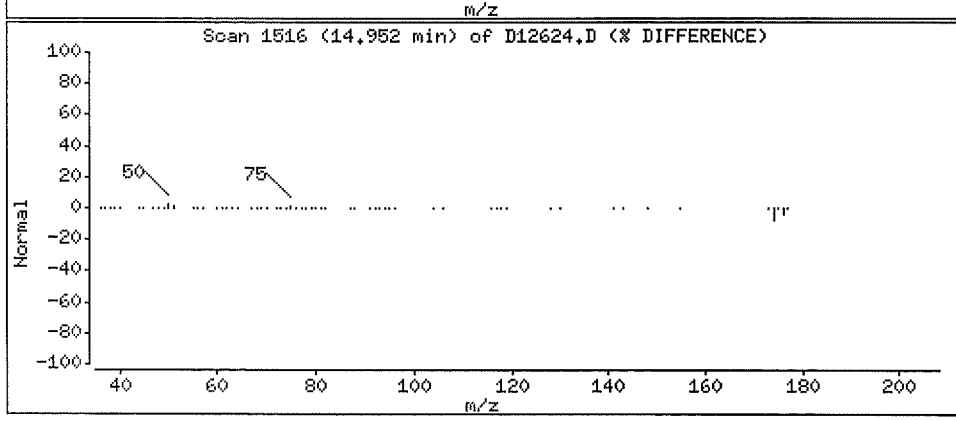
66 4-Bromofluorobenzene-2nd

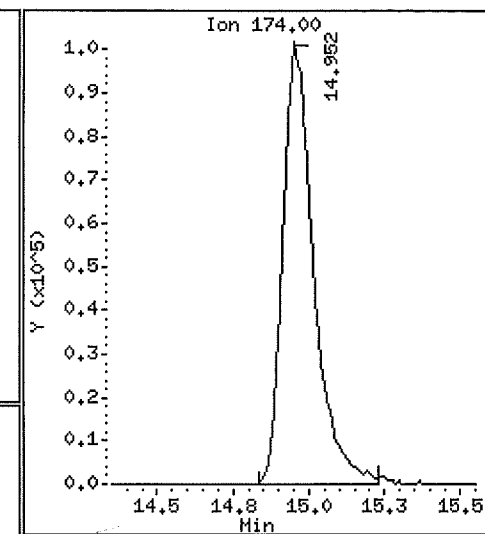
Concentration: 44.16 ug/Kg

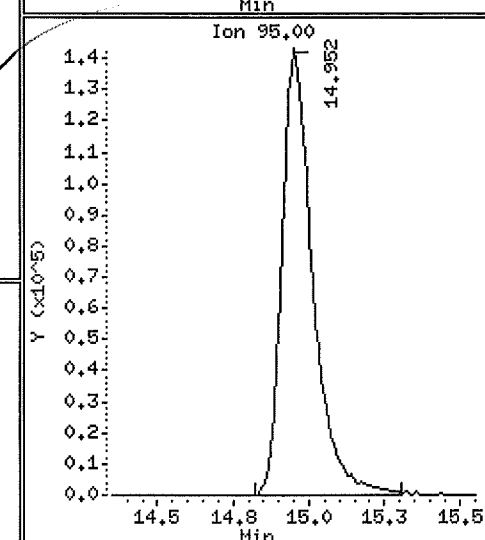


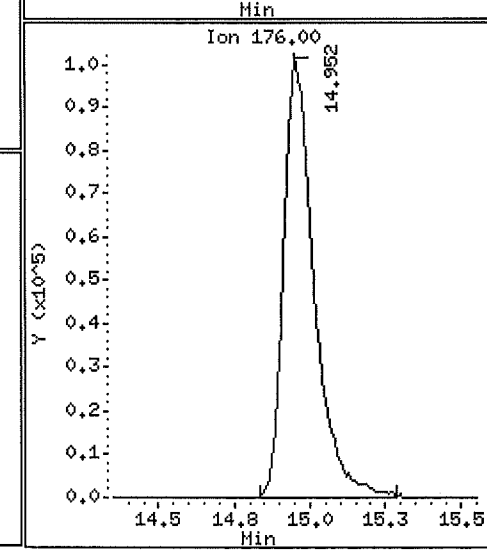












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12624.D

Date : 01-OCT-2000 18:06

Client ID: D12624

Instrument: md.i

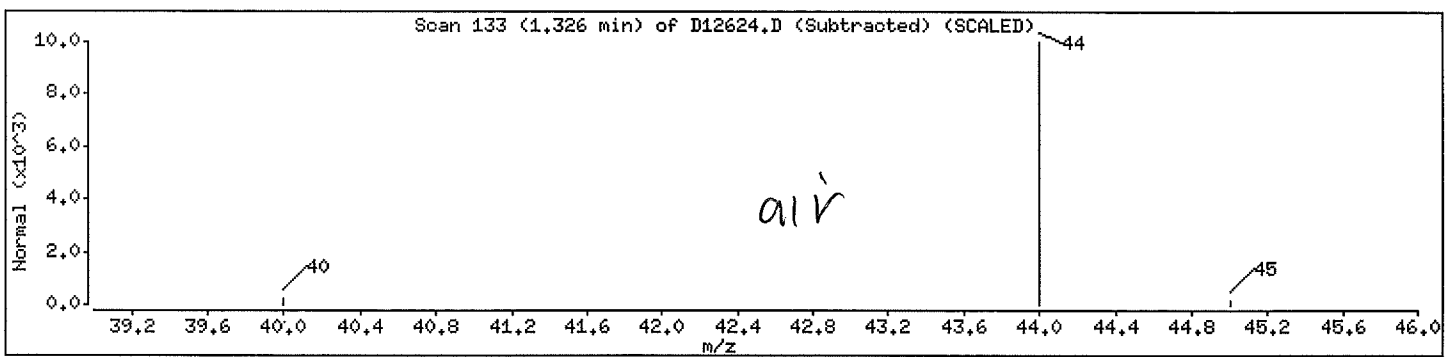
Sample Info: DL3GC101,,2,,0,1,0,8260BDA.M,D12624

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\1001AD.B\D12625.D
Lab Smp Id: DL3GD101 Client Smp ID: D12625
Inj Date : 01-OCT-2000 18:37
Operator : GFB Inst ID: md.i
Smp Info : DL3GD101,,2,,0,1,0,8260BDA.M,D12625
Misc Info : 285-12,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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)
10 Acetone	43	2.874	2.875	(0.404)	43606	22.2200	22.22(Q)
24 2-Butanone	43	5.258	5.260	(0.740)	20632	5.77723	5.78
$ 29 Dibromofluoromethane	111	5.997	5.989	(0.843)	839380	50.1116	50.11
$ 33 1,2-Dichloroethane-d4	65	6.529	6.521	(0.918)	619293	50.2140	50.21
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.521	(0.918)	113460	43.0964	43.10
* 38 Fluorobenzene	96	7.111	7.082	(1.000)	1236338	50.0000	
$ 47 Toluene-d8	98	9.928	9.920	(0.787)	1212913	45.8454	45.84
* 56 Chlorobenzene-d5	117	12.618	12.600	(1.000)	1193915	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.963	14.954	(0.867)	687865	45.2161	45.22
$ 67 4-Bromofluorobenzene	95	14.953	14.954	(0.866)	971342	44.1456	44.14
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.260	(1.000)	797542	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GD101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12625
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	1.327	13.30	J

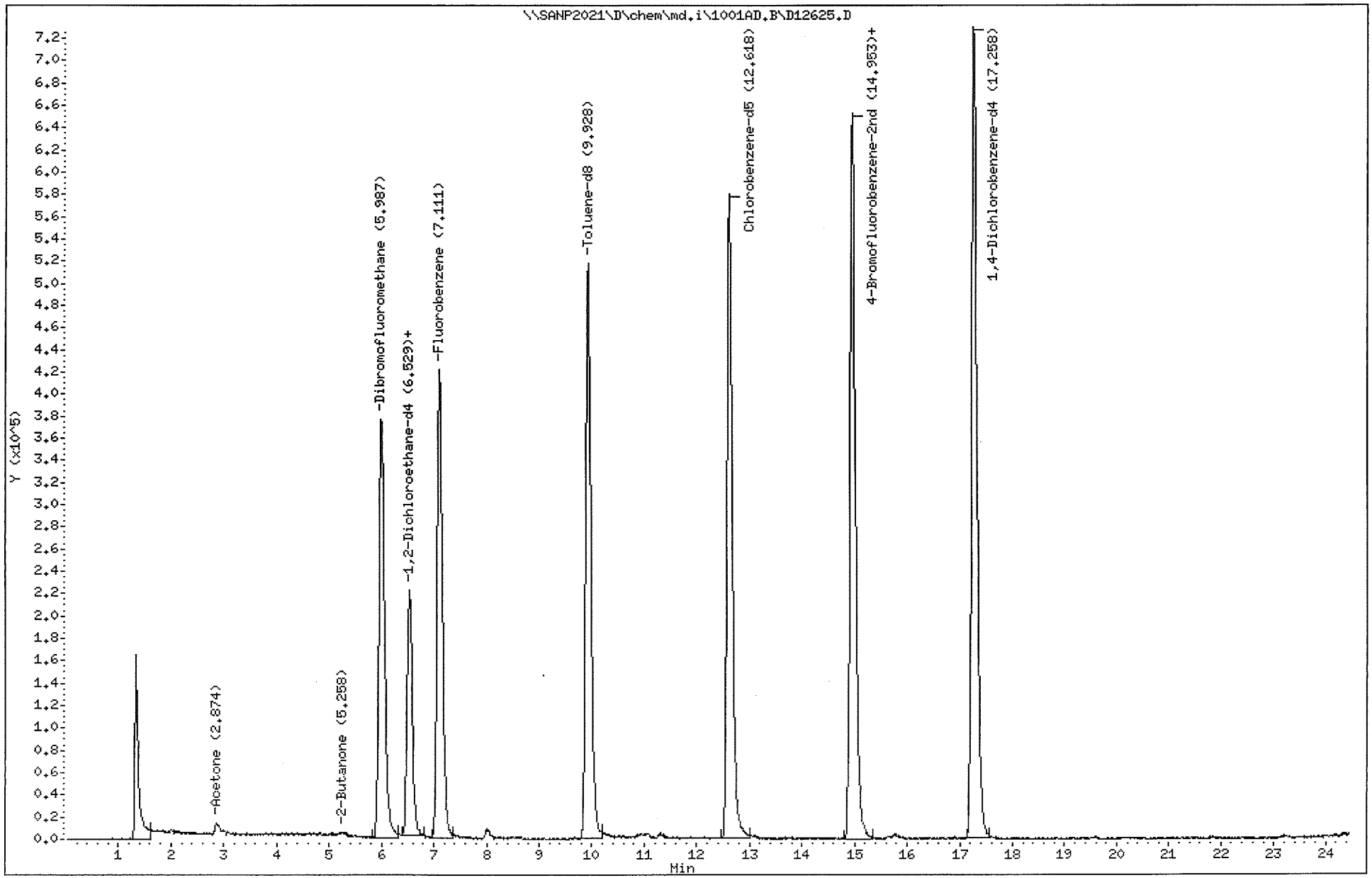
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12625.D
Date : 01-OCT-2000 18:37
Client ID: D12625
Sample Info: DL3GD101,,2,,0,1,0,8260BDA.M,D12625

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000693

BOE-C6-0156234

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12625.D

Date : 01-OCT-2000 18:37

Client ID: D12625

Instrument: md.i

Sample Info: DL3GD101,,2,,0,1,0,8260BDA,M,D12625

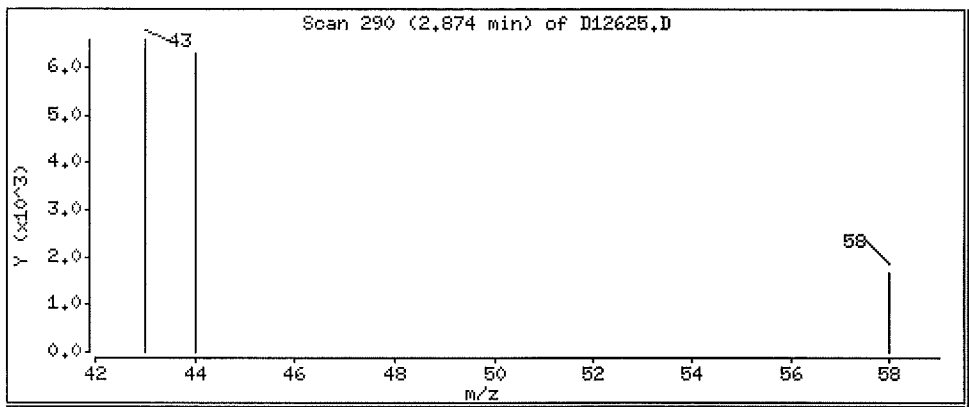
Operator: GFB

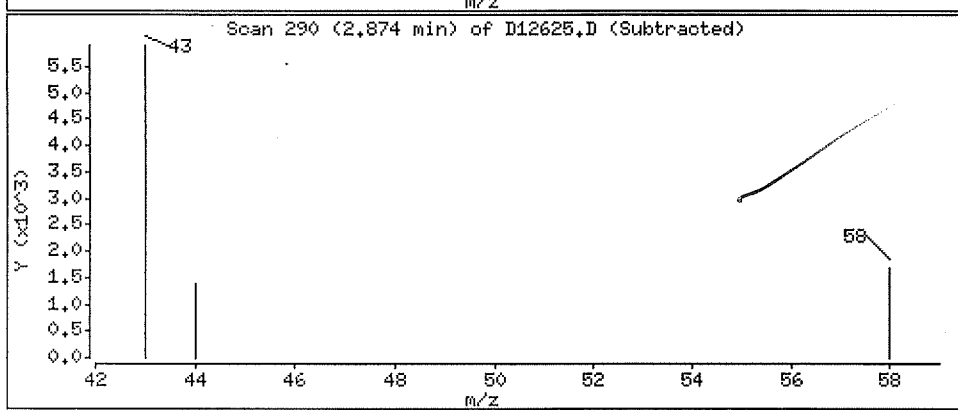
Column phase: J&W DB-624

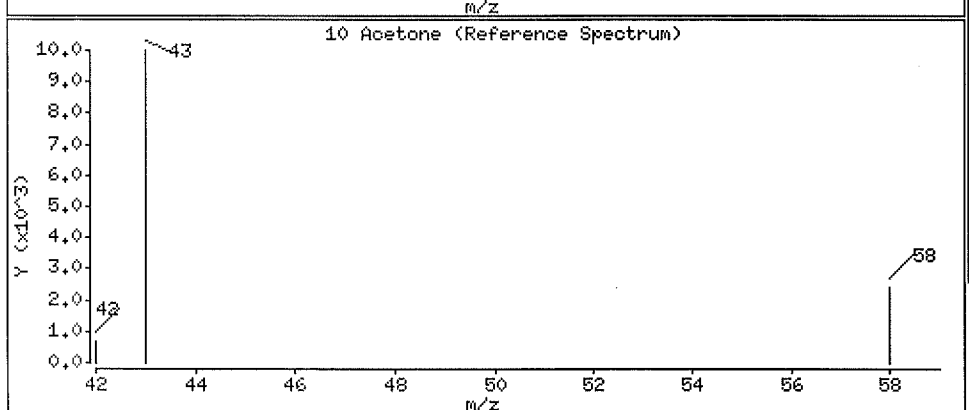
Column diameter: 0.53

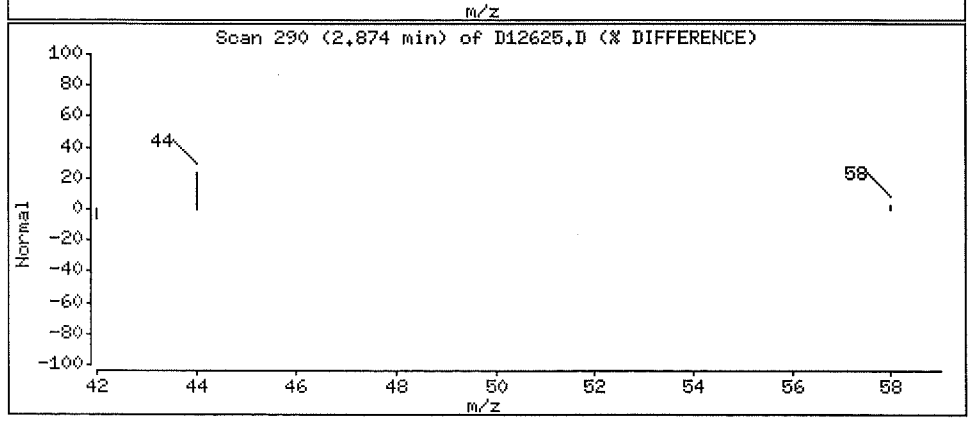
10 Acetone

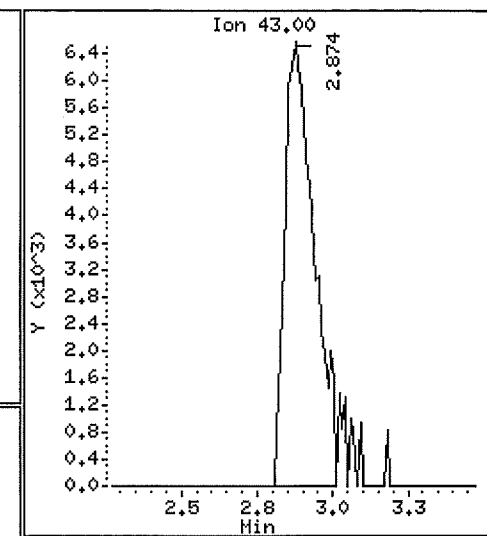
Concentration: 22.22 ug/Kg

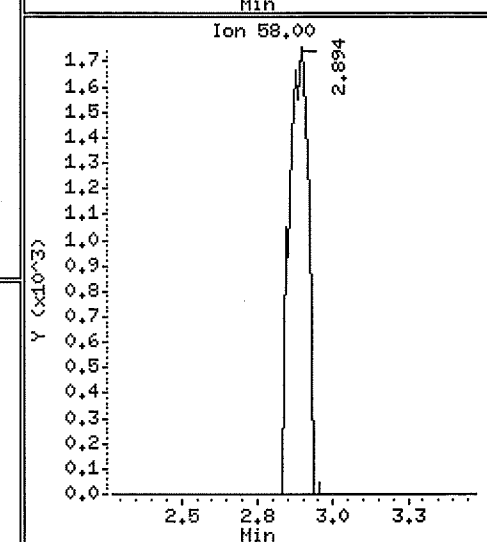












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12625.D

Date : 01-OCT-2000 18:37

Client ID: D12625

Instrument: md.i

Sample Info: DL3GD101,,2,,0,1,0,8260BDA.M,D12625

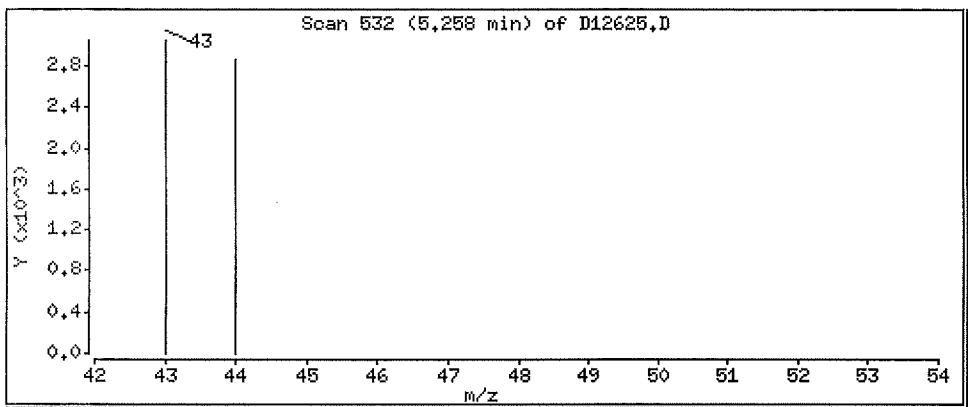
Operator: GFB

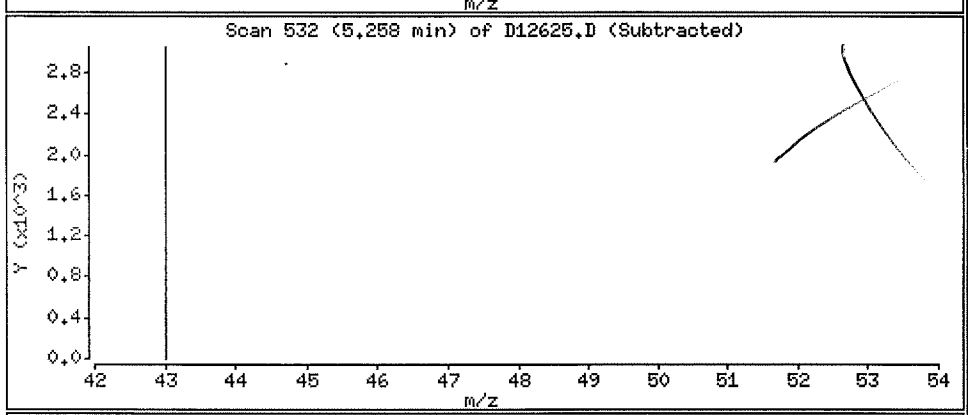
Column phase: J&W DB-624

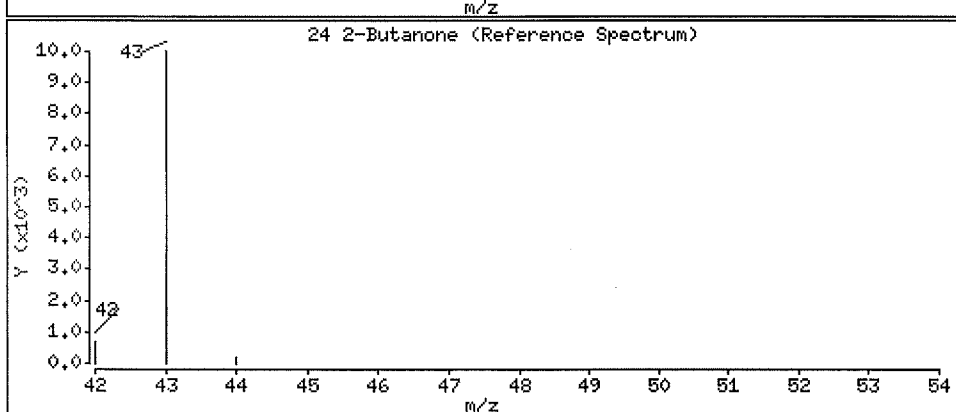
Column diameter: 0.53

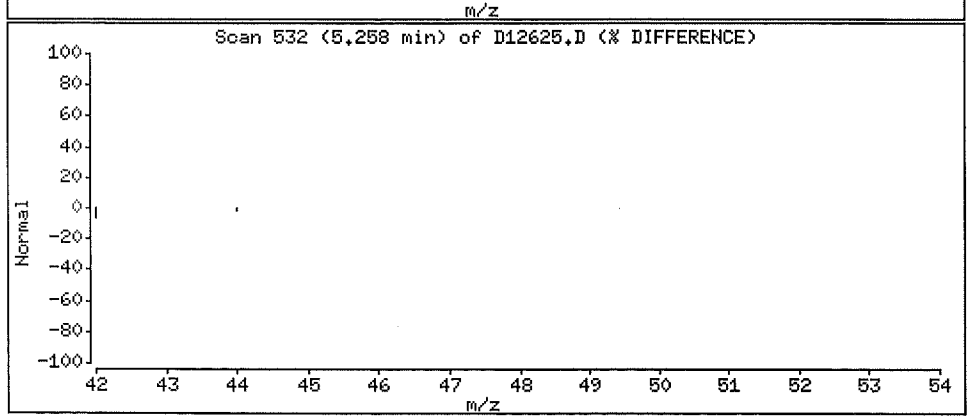
24 2-Butanone

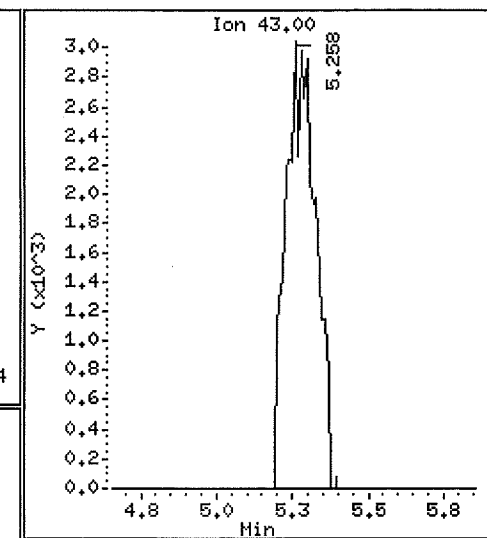
Concentration: 5.78 ug/Kg

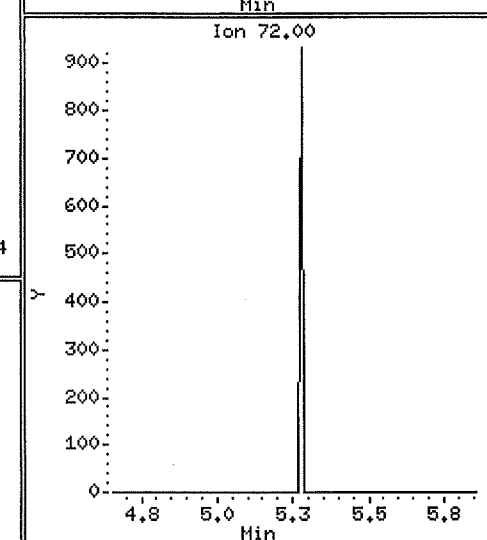












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12625.D

Date : 01-OCT-2000 18:37

Client ID: D12625

Instrument: md.i

Sample Info: DL3GD101,,2,,0,1,0,8260BDA.M,D12625

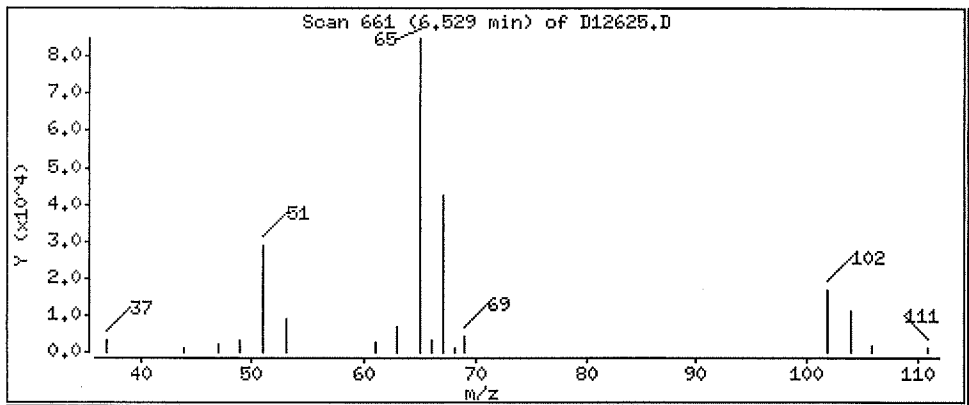
Operator: GFB

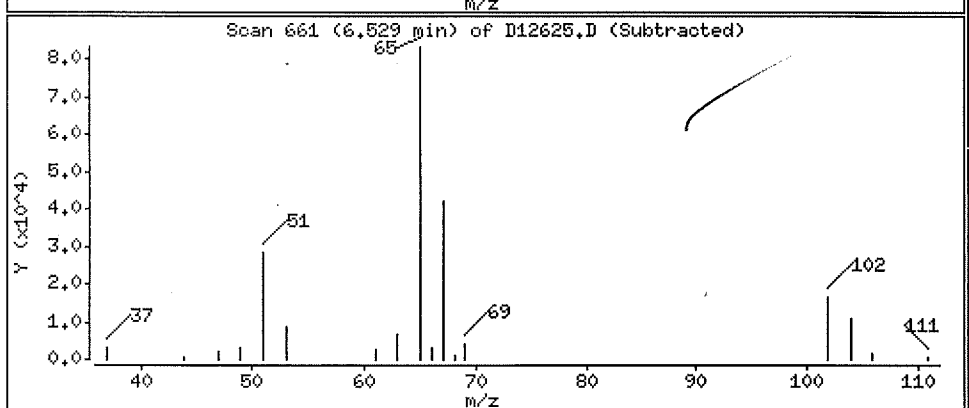
Column phase: J&W DB-624

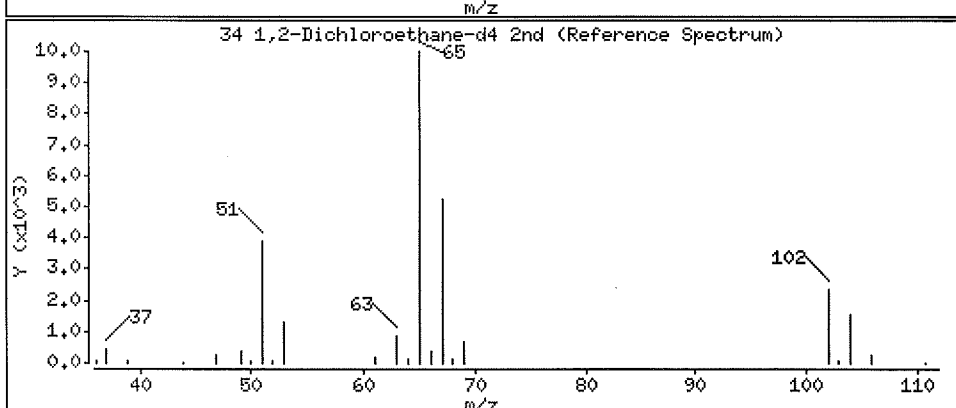
Column diameter: 0.53

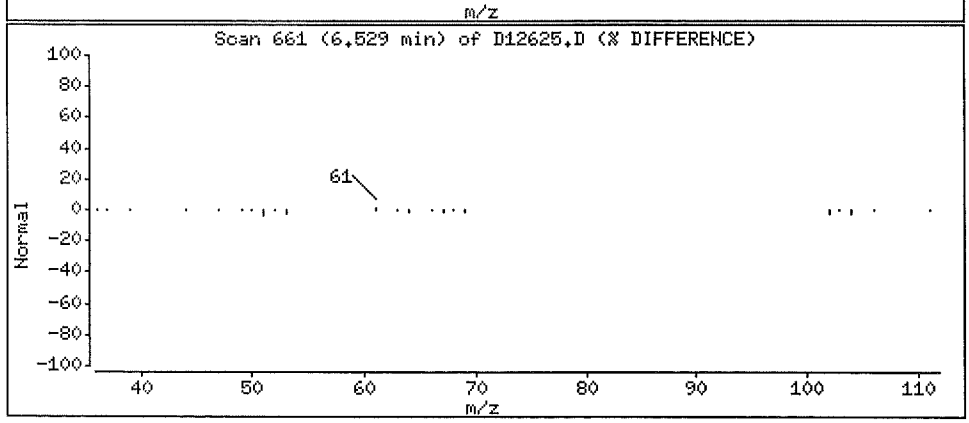
34 1,2-Dichloroethane-d4 2nd

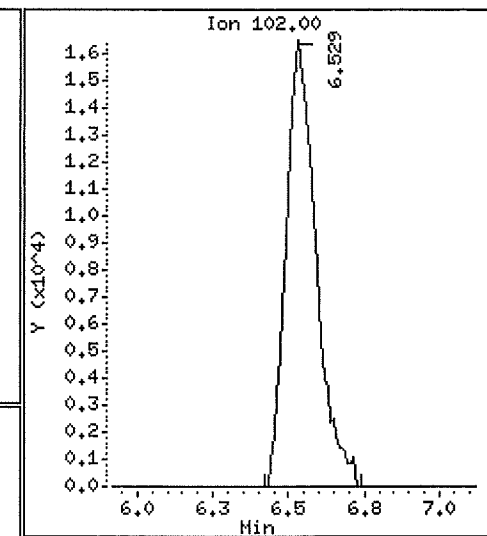
Concentration: 43.10 ug/Kg

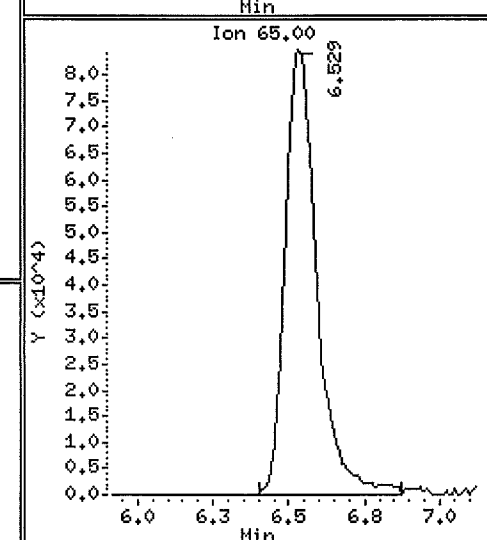












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12625.D

Date : 01-OCT-2000 18:37

Client ID: D12625

Instrument: md.i

Sample Info: DL3GD101,,2,,0,1,0,8260BDA.M,D12625

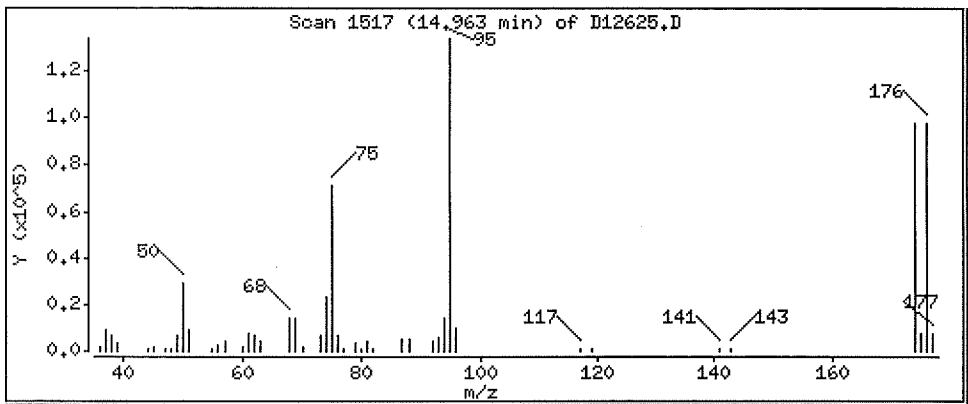
Operator: GFB

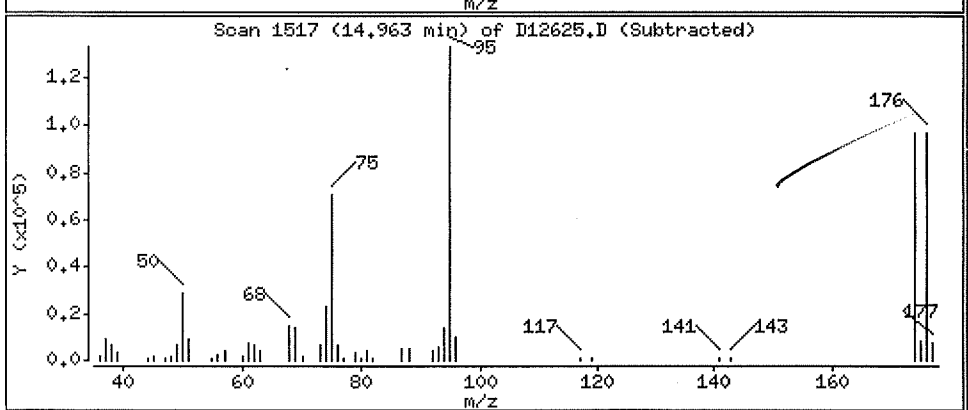
Column phase: J&W DB-624

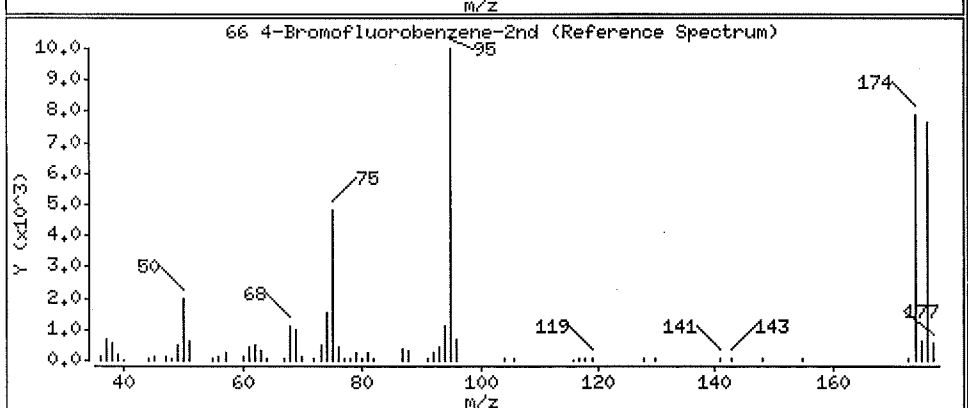
Column diameter: 0.53

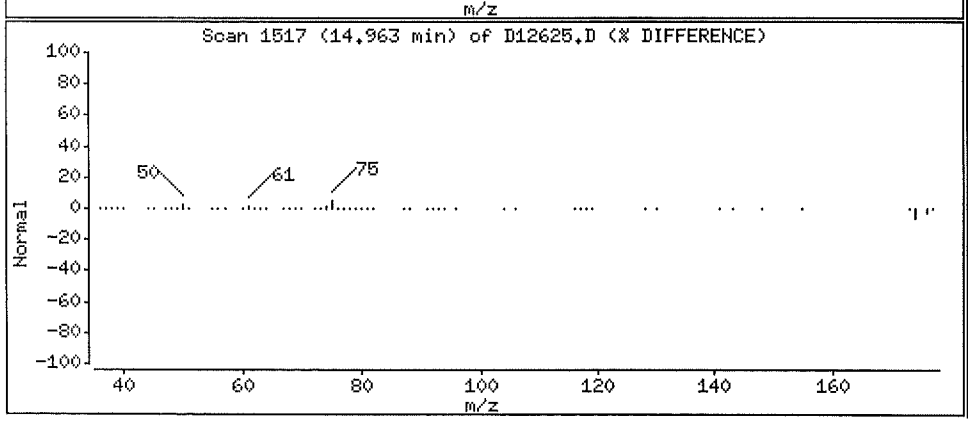
66 4-Bromofluorobenzene-2nd

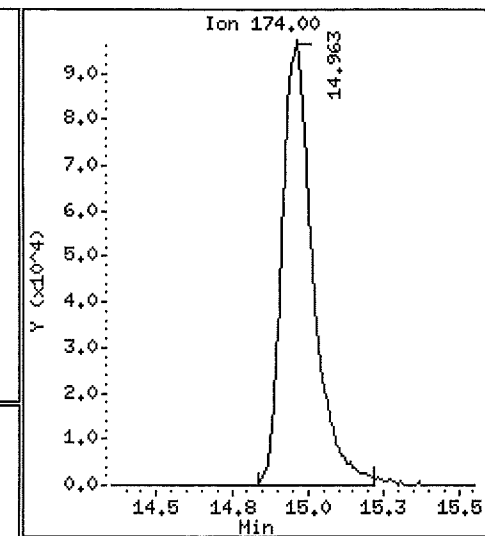
Concentration: 45.22 ug/Kg

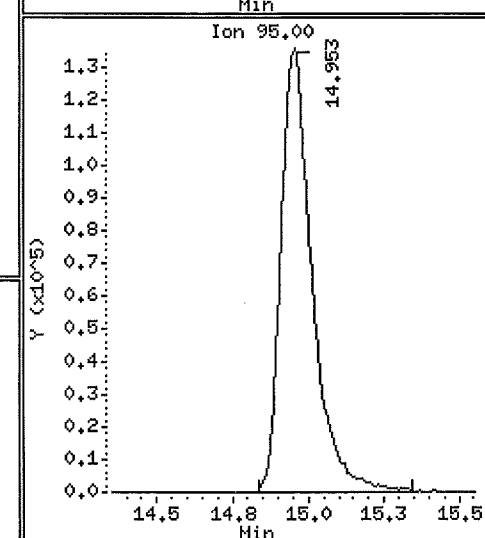


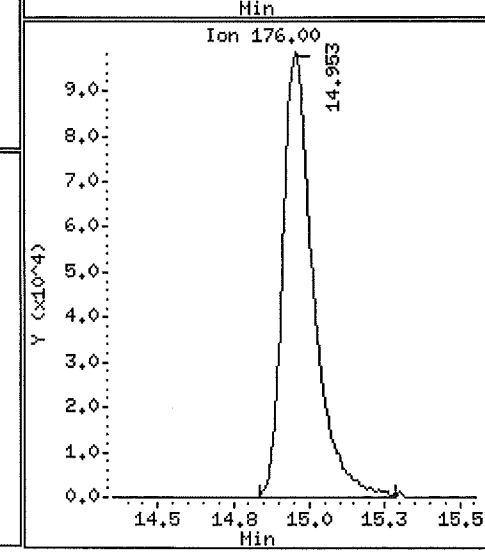












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12625.D

Date : 01-OCT-2000 18:37

Client ID: D12625

Instrument: md.i

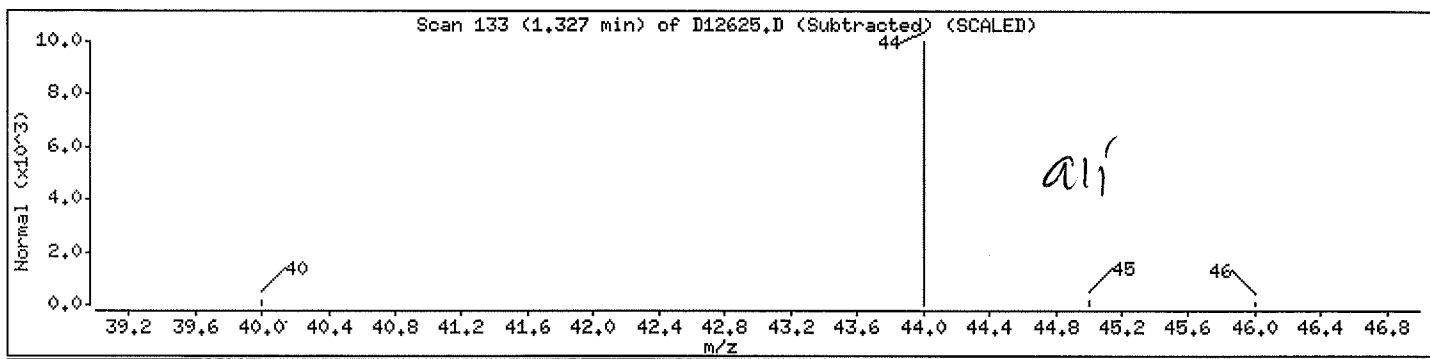
Sample Info: DL3GD101,,2,,0,1,0,8260BDA.M,D12625

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\1001AD.B\D12626.D
Lab Smp Id: DL3GE101 Client Smp ID: D12626
Inj Date : 01-OCT-2000 19:09
Operator : GFB Inst ID: md.i
Smp Info : DL3GE101,,2,,0,1,0,8260BDA.M,D12626
Misc Info : 285-13,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.993	5.989	(0.842)	827101	51.4005	51.40
$ 33 1,2-Dichloroethane-d4	65	6.535	6.521	(0.918)	586861	49.5328	49.53
34 1,2-Dichloroethane-d4 2nd	102	6.525	6.521	(0.917)	109308	43.2193	43.22
* 38 Fluorobenzene	96	7.116	7.082	(1.000)	1187704	50.0000	
$ 47 Toluene-d8	98	9.934	9.920	(0.788)	1204736	46.0011	46.00
* 56 Chlorobenzene-d5	117	12.603	12.600	(1.000)	1181852	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.948	14.954	(0.865)	696041	44.3409	44.34
$ 67 4-Bromofluorobenzene	95	14.958	14.954	(0.866)	966313	42.5611	42.56
* 79 1,4-Dichlorobenzene-d4	152	17.273	17.260	(1.000)	822950	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\1001AD.B\D12626.D
Lab Smp Id: DL3GE101 Client Smp ID: D12626
Inj Date : 01-OCT-2000 19:09
Operator : GFB Inst ID: md.i
Smp Info : DL3GE101,,2,,0,1,0,8260BDA.M,D12626
Misc Info : 285-13,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.116	2862275	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	712784	12.4513533	12.45	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GE101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12626
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~~ aw	1.323	12.45	J

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12626.D

Date : 01-OCT-2000 19:09

Client ID: D12626

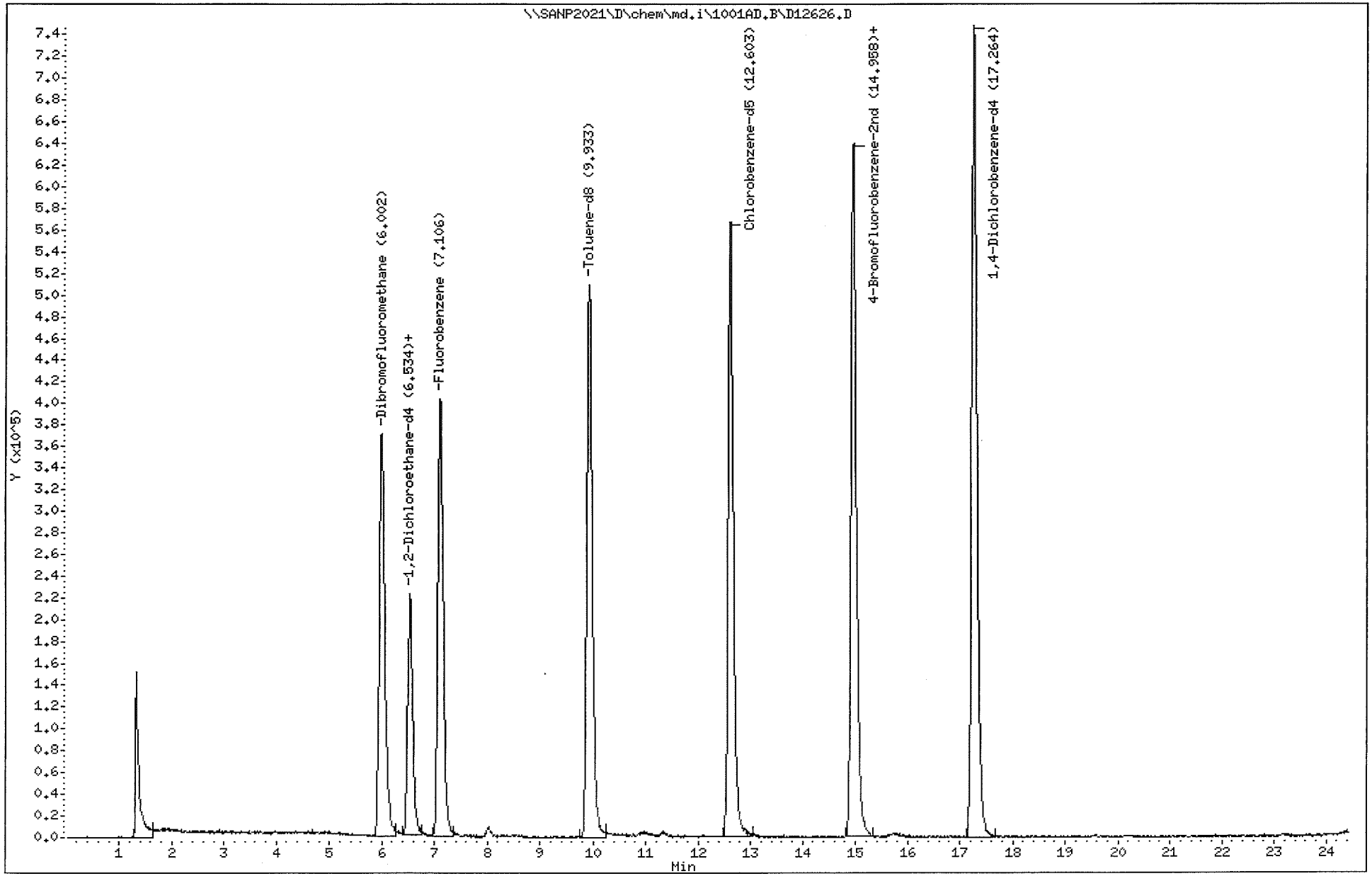
Sample Info: DL3GE101,,2,,0,1,0,8260BDA.M,D12626

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000702

BOE-C6-0156243

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12626.D

Date : 01-OCT-2000 19:09

Client ID: D12626

Instrument: md.i

Sample Info: DL3GE101,,2,,0,1,0,8260BDA,M,D12626

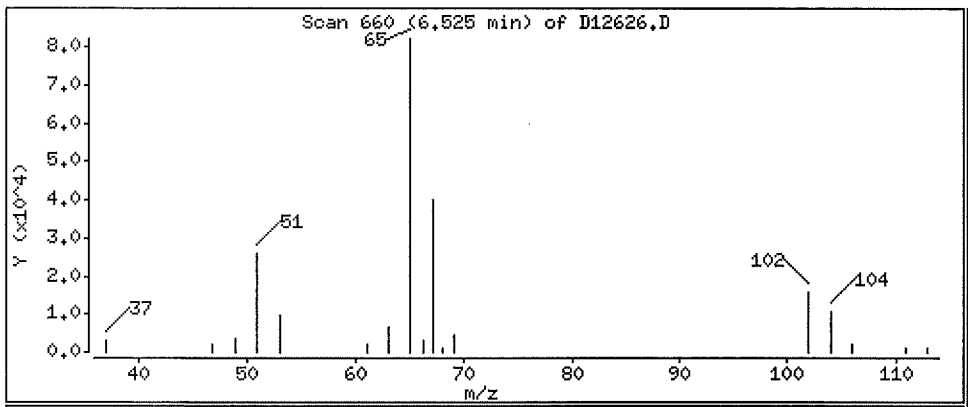
Operator: GFB

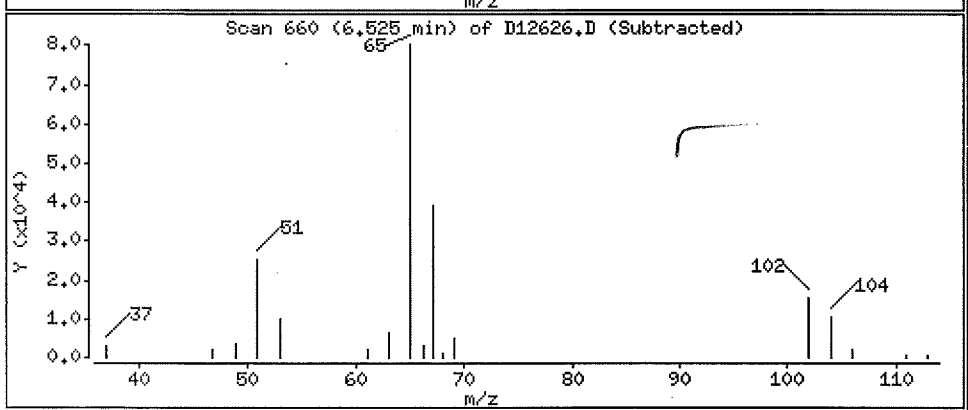
Column phase: J&W DB-624

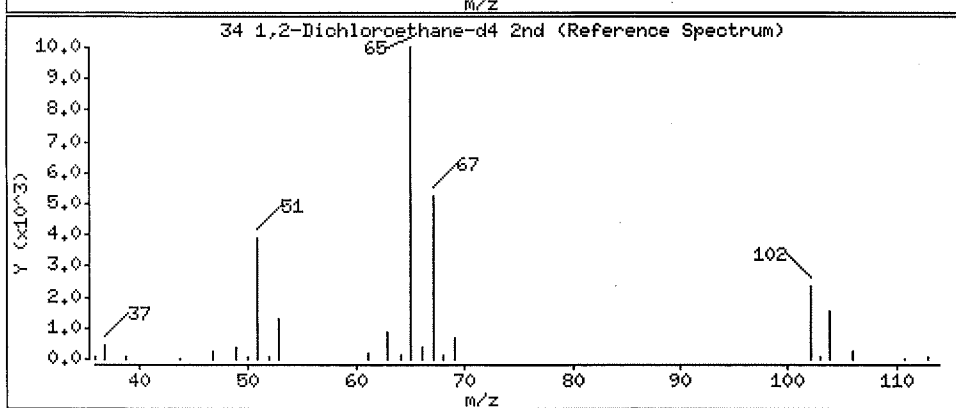
Column diameter: 0.53

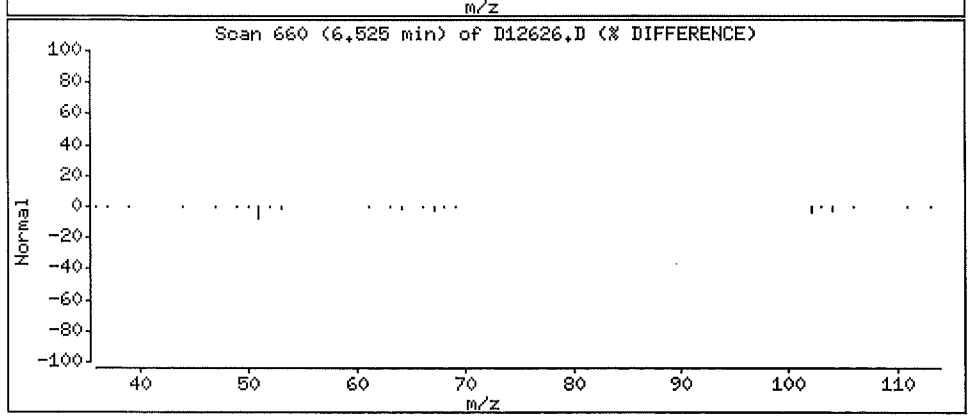
34 1,2-Dichloroethane-d4 2nd

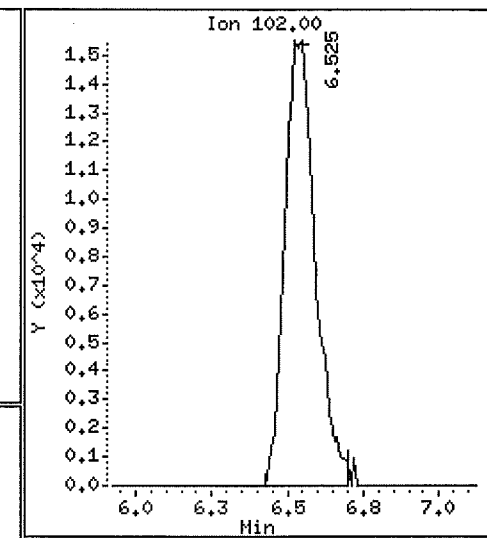
Concentration: 43.22 ug/Kg

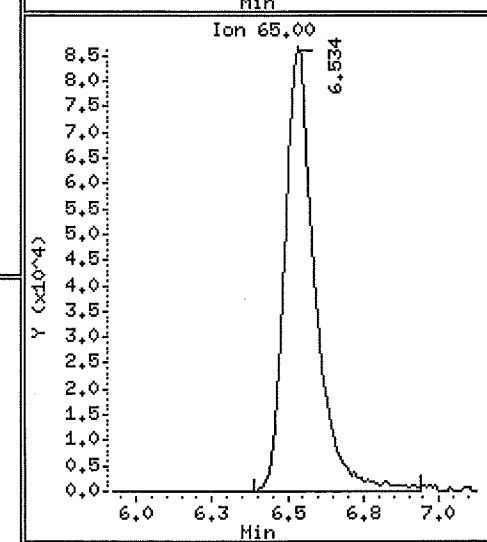












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12626.D

Date : 01-OCT-2000 19:09

Client ID: D12626

Instrument: md.i

Sample Info: DL3GE101,,2,,0,1,0,8260BDA.M,D12626

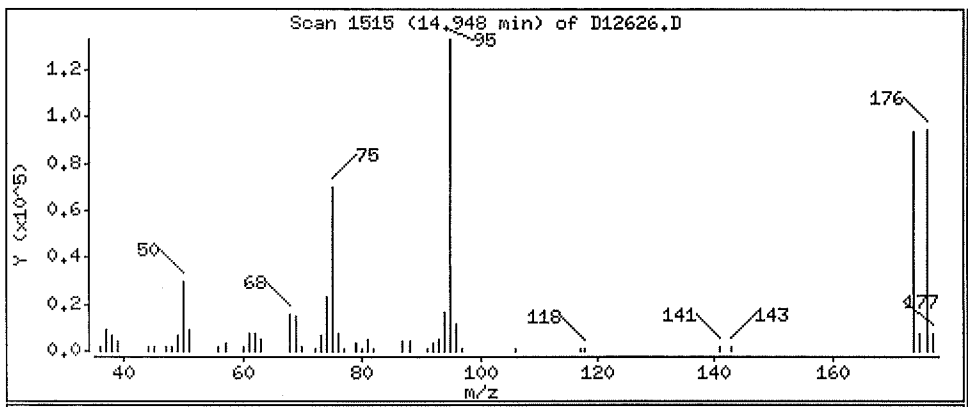
Operator: GFB

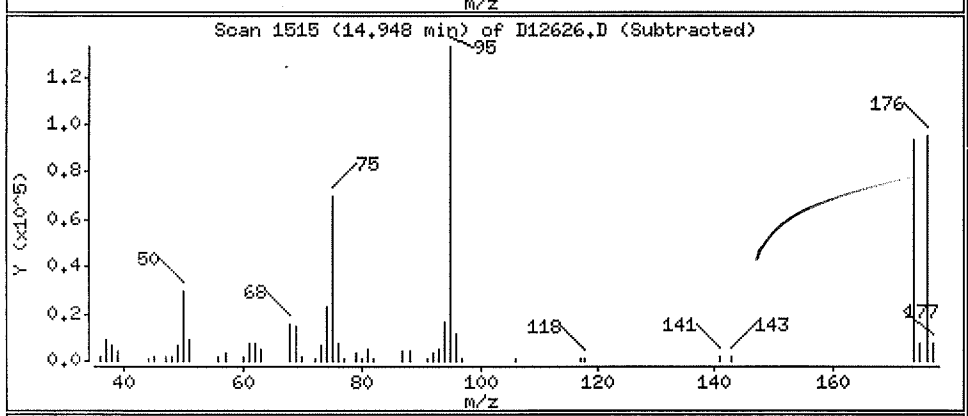
Column phase: J&W DB-624

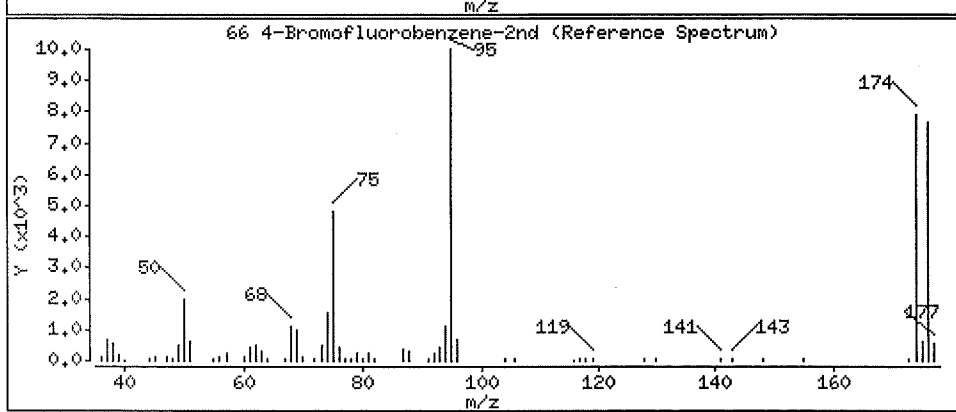
Column diameter: 0.53

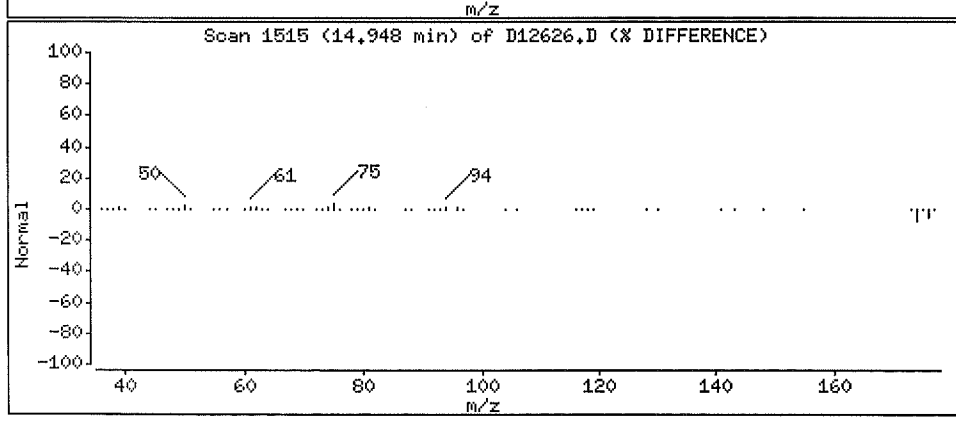
66 4-Bromofluorobenzene-2nd

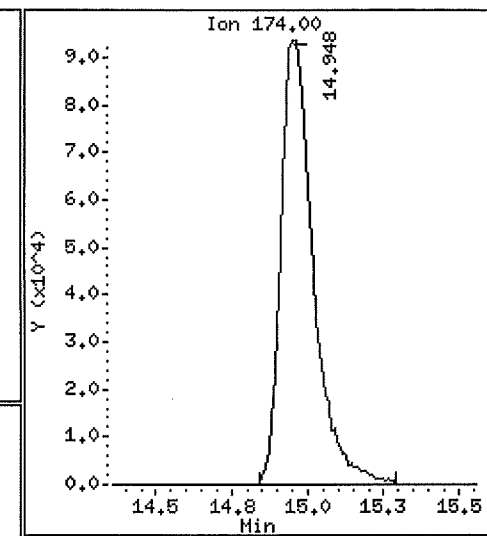
Concentration: 44.34 ug/Kg

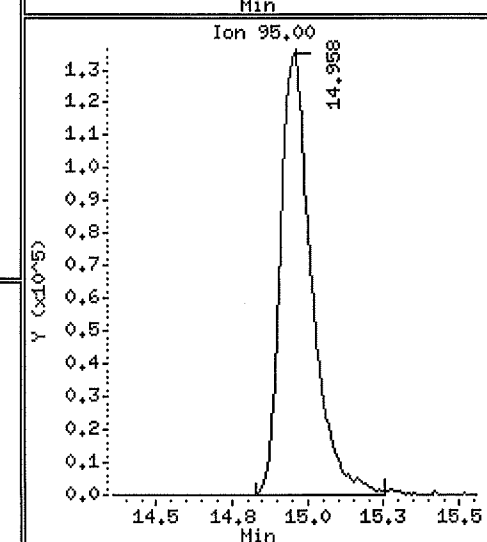


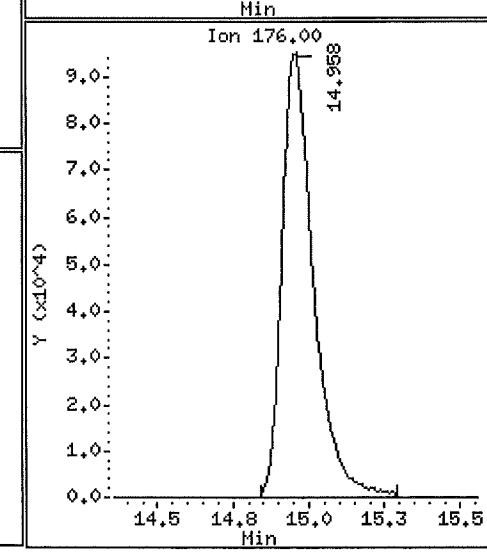












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12626.D

Date : 01-OCT-2000 19:09

Client ID: D12626

Instrument: md.i

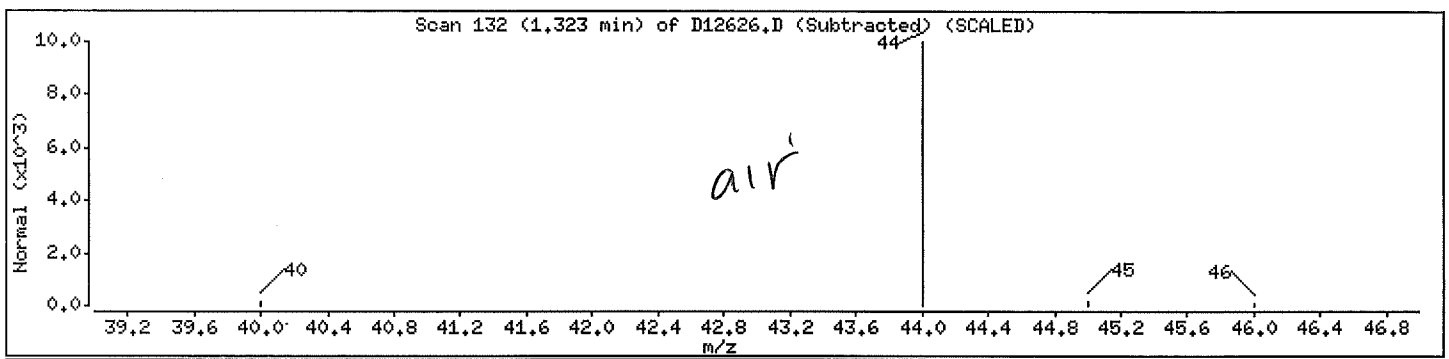
Sample Info: DL3GE101,,2,,0,1,0,8260BDA.M,D12626

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\1001AD.B\D12627.D
Lab Smp Id: DL3GF101 Client Smp ID: D12627
Inj Date : 01-OCT-2000 19:41
Operator : GFB Inst ID: md.i
Smp Info : DL3GF101,,2,,0,1,0,8260BDA.M,D12627
Misc Info : 285-14,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	5.997	5.989	(0.843)	836000	51.0945	51.09	
$ 33 1,2-Dichloroethane-d4	65	6.538	6.521	(0.920)	612094	50.8083	50.81	
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.521	(0.918)	112174	43.6194	43.62	
* 38 Fluorobenzene	96	7.110	7.082	(1.000)	1207672	50.0000		
$ 47 Toluene-d8	98	9.928	9.920	(0.787)	1197384	45.8425	45.84	
* 56 Chlorobenzene-d5	117	12.607	12.600	(1.000)	1178703	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.954	(0.866)	692602	44.6610	44.66	
$ 67 4-Bromofluorobenzene	95	14.962	14.954	(0.866)	969956	43.2436	43.24	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.260	(1.000)	813015	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\1001AD.B\D12627.D
Lab Smp Id: DL3GF101 Client Smp ID: D12627
Inj Date : 01-OCT-2000 19:41
Operator : GFB Inst ID: md.i
Smp Info : DL3GF101,,2,,0,1,0,8260BDA.M,D12627
Misc Info : 285-14,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.110	2880678	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	773451	13.4248148	13.42	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GF101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12627
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~~ aw	1.327	13.42	J

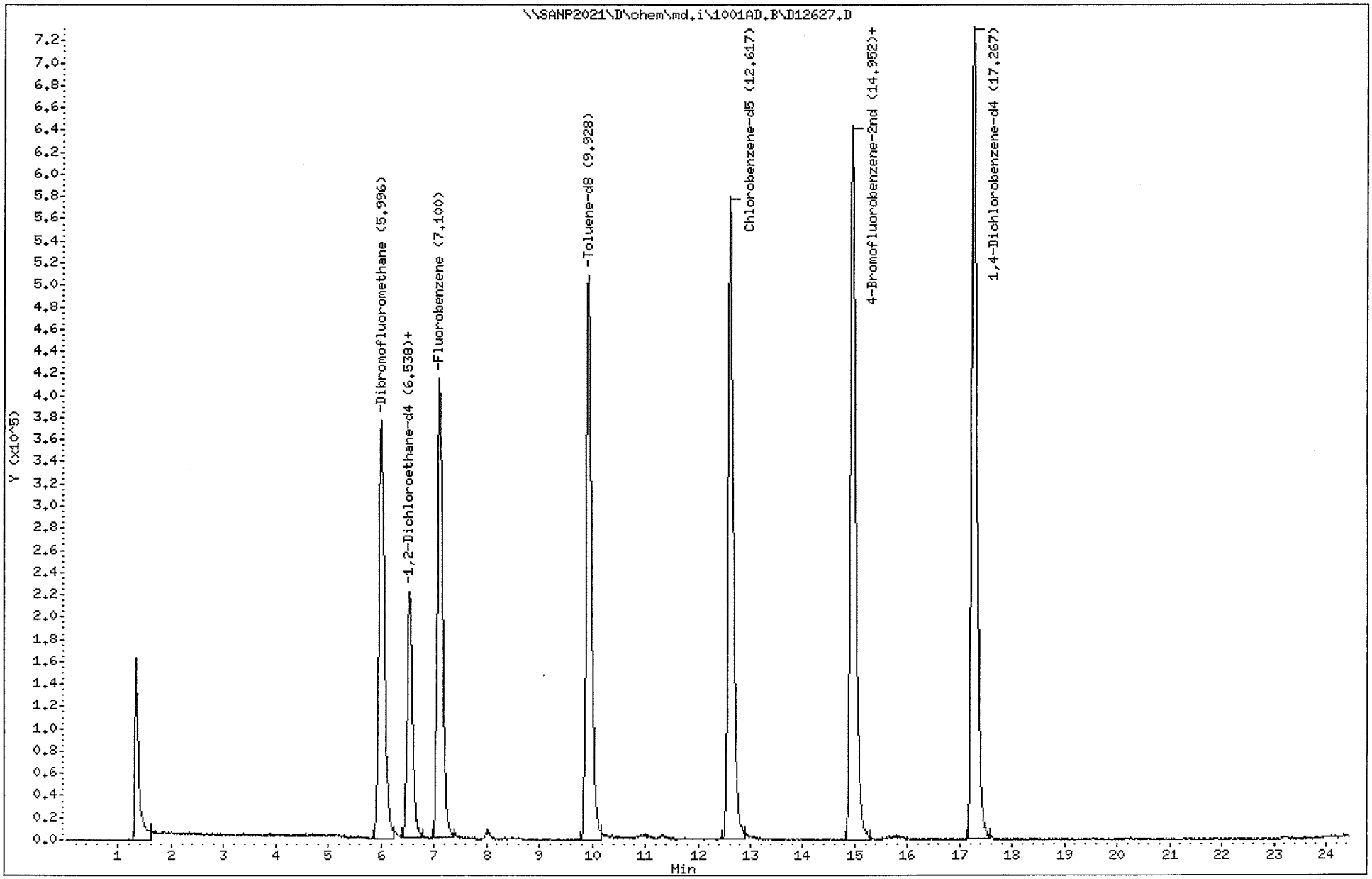
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12627.D
Date : 01-OCT-2000 19:41
Client ID: D12627
Sample Info: DL3GF101,,2,,0,1,0,8260BDA.M,D12627

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000709

BOE-C6-0156250

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12627.D

Date : 01-OCT-2000 19:41

Client ID: D12627

Instrument: md.i

Sample Info: DL3GF101,,2,,0,1,0,8260BDA.M,D12627

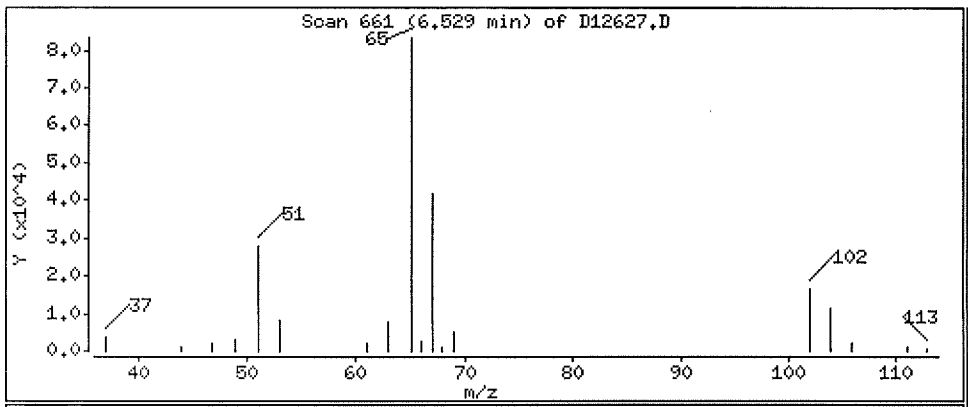
Operator: GFB

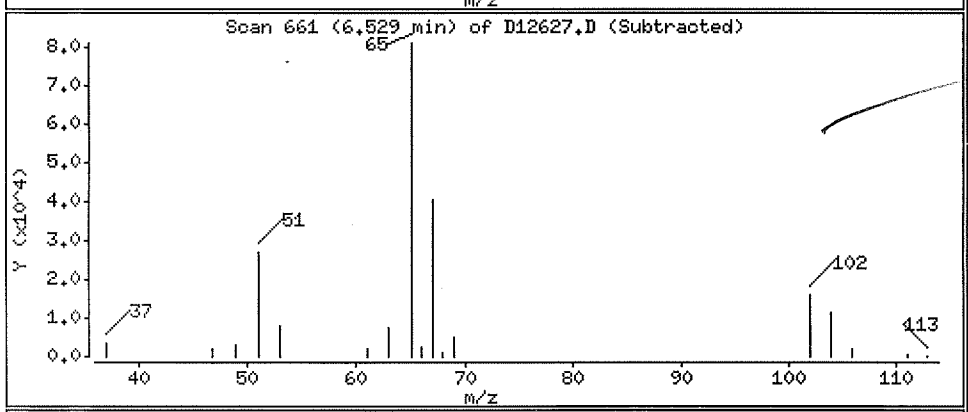
Column phase: J&W DB-624

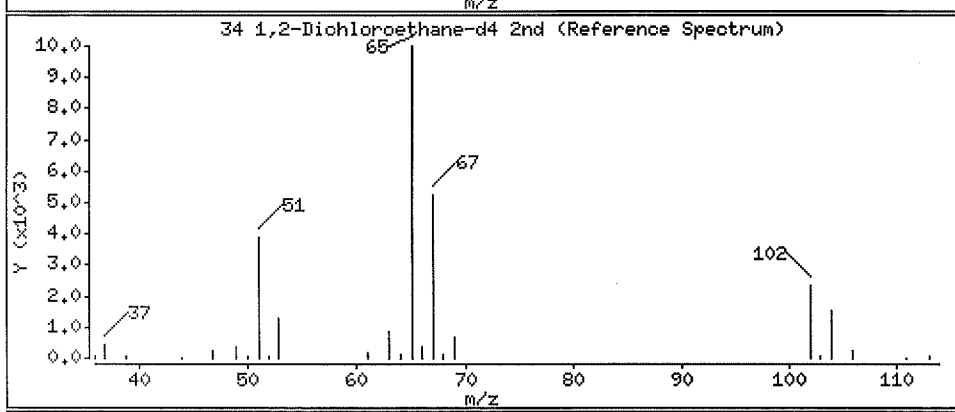
Column diameter: 0.53

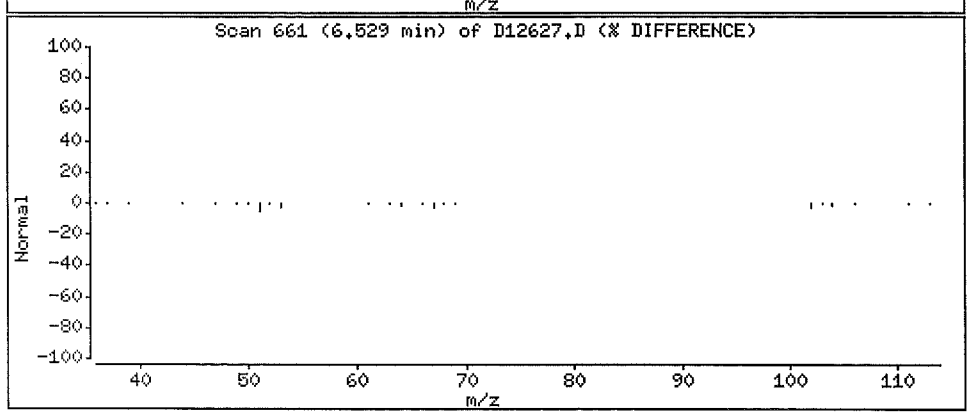
34 1,2-Dichloroethane-d4 2nd

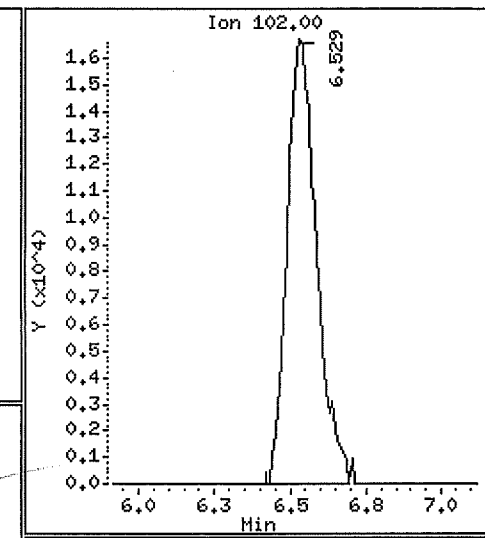
Concentration: 43.62 ug/Kg

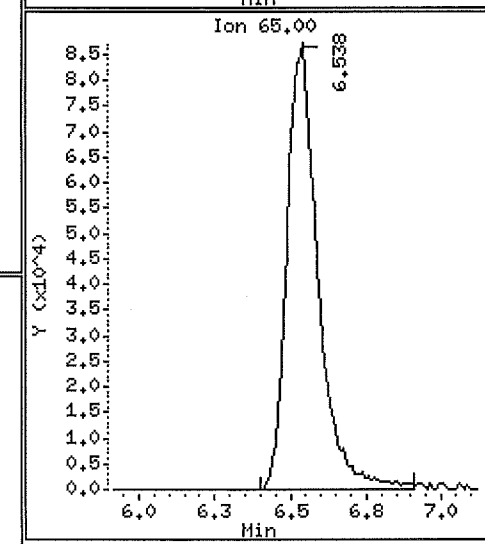












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12627.D

Date : 01-OCT-2000 19:41

Client ID: D12627

Instrument: md.i

Sample Info: DL3GF101,,2,,0,1,0,8260BDA.M,D12627

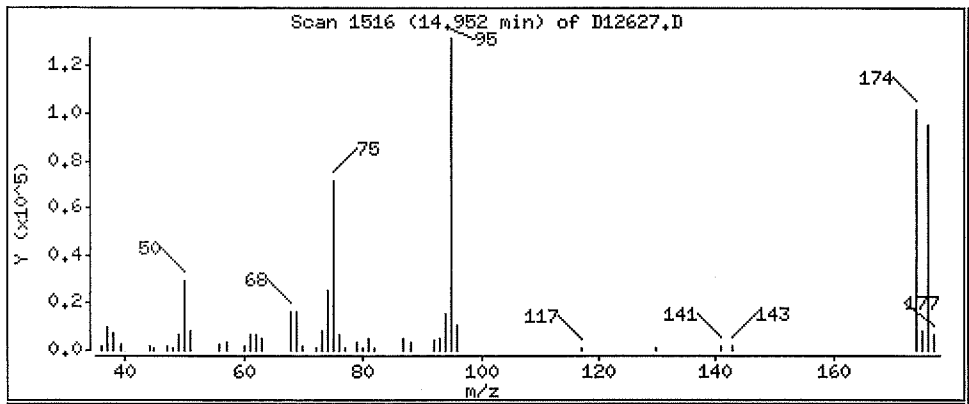
Operator: GFB

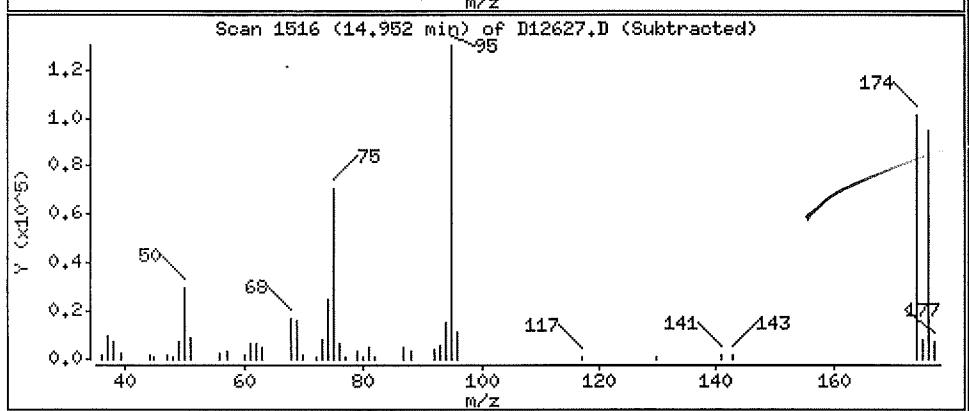
Column phase: J&W DB-624

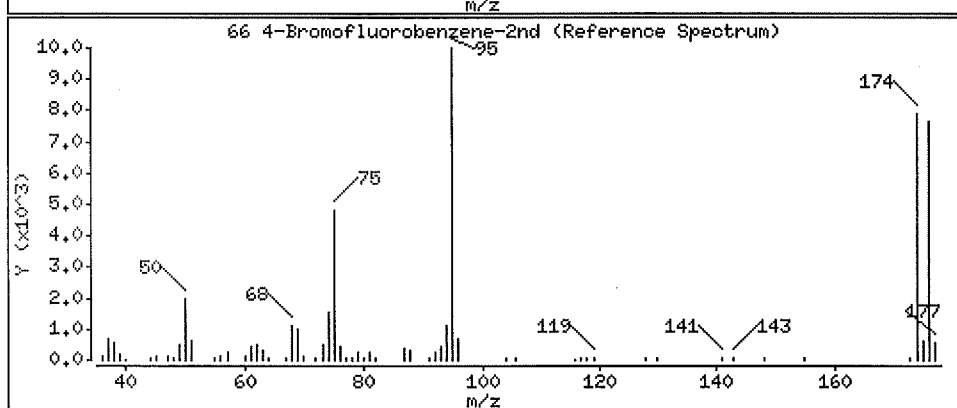
Column diameter: 0.53

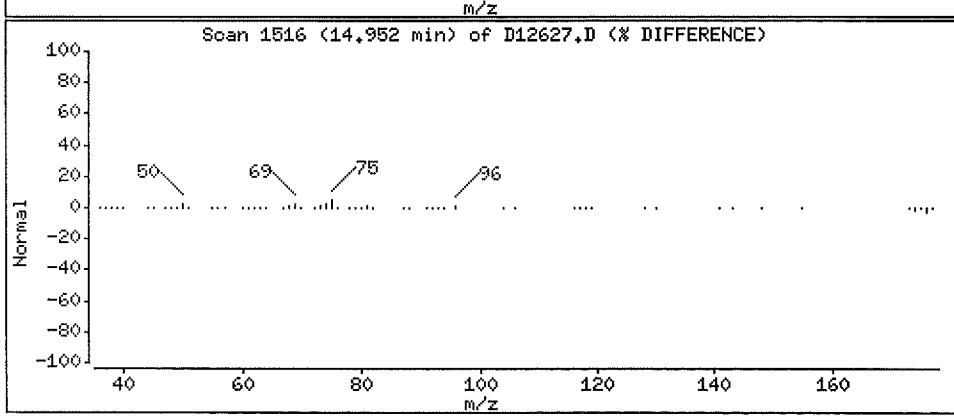
66 4-Bromofluorobenzene-2nd

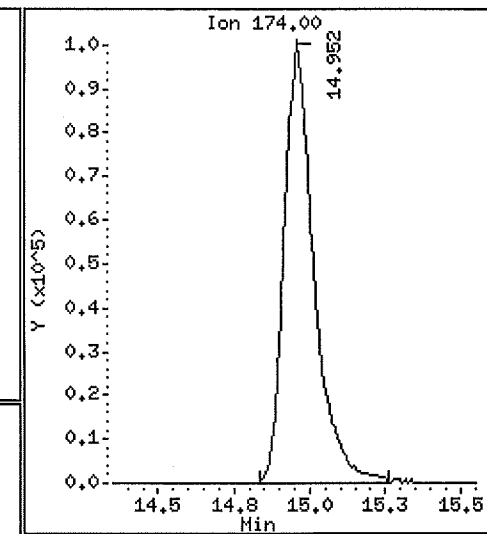
Concentration: 44.66 ug/Kg

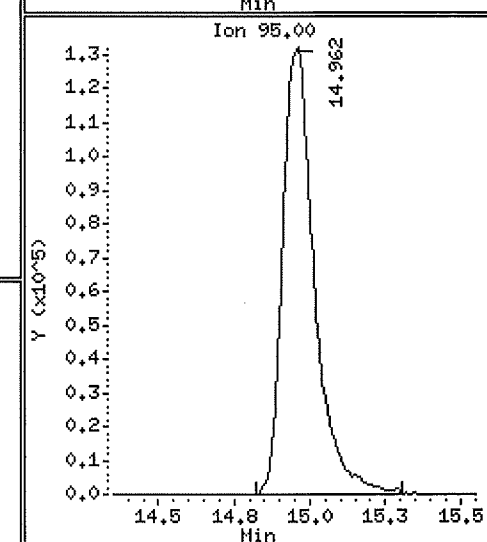


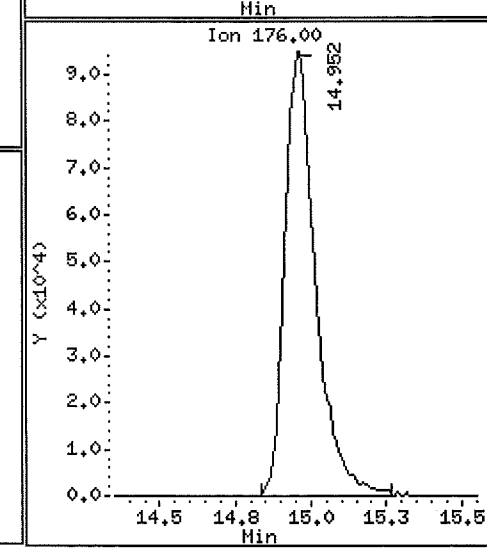












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12627.D

Date : 01-OCT-2000 19:41

Client ID: D12627

Instrument: md.i

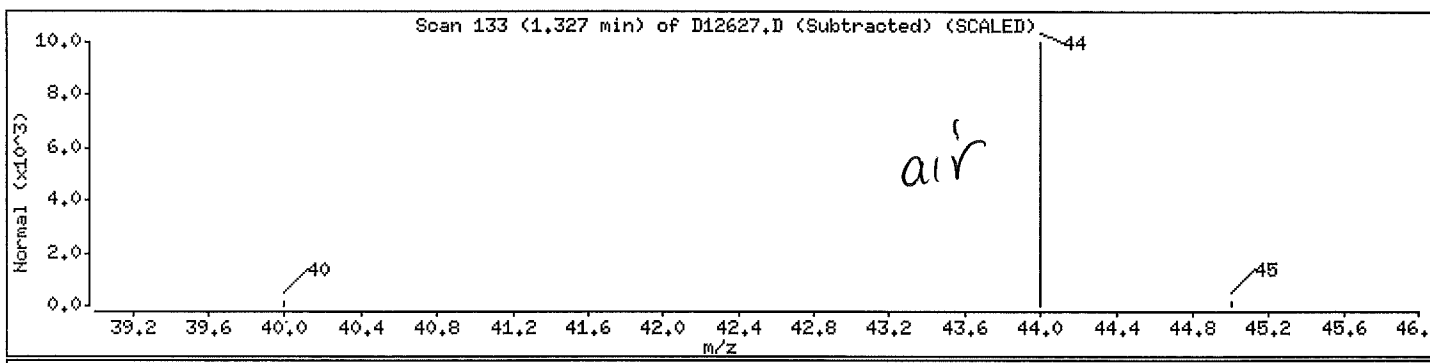
Sample Info: DL3GF101,,2,,0,1,0,8260BDA.M,D12627

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\1001AD.B\D12628.D
Lab Smp Id: DL3GG101 Client Smp ID: D12628
Inj Date : 01-OCT-2000 20:13
Operator : GFB Inst ID: md.i
Smp Info : DL3GG101,,2,,0,1,0,8260BDA.M,D12628
Misc Info : 285-15,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	6.002	5.989	(0.845)	817245	50.8686	50.87
$ 33 1,2-Dichloroethane-d4	65	6.534	6.521	(0.920)	573610	48.4913	48.49
34 1,2-Dichloroethane-d4 2nd	102	6.553	6.521	(0.922)	105980	41.9700	41.97
* 38 Fluorobenzene	96	7.105	7.082	(1.000)	1185820	50.0000	
$ 47 Toluene-d8	98	9.933	9.920	(0.788)	1169297	45.4675	45.47
* 56 Chlorobenzene-d5	117	12.612	12.600	(1.000)	1160549	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.957	14.954	(0.866)	693351	43.5150	43.52
$ 67 4-Bromofluorobenzene	95	14.957	14.954	(0.866)	963624	41.8138	41.81
* 79 1,4-Dichlorobenzene-d4	152	17.273	17.260	(1.000)	835328	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\1001AD.B\D12628.D
Lab Smp Id: DL3GG101 Client Smp ID: D12628
Inj Date : 01-OCT-2000 20:13
Operator : GFB Inst ID: md.i
Smp Info : DL3GG101,,2,,0,1,0,8260BDA.M,D12628
Misc Info : 285-15,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.105	2818032	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	652874	11.5838567	11.58	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GG101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12628
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	1.322	11.58	J

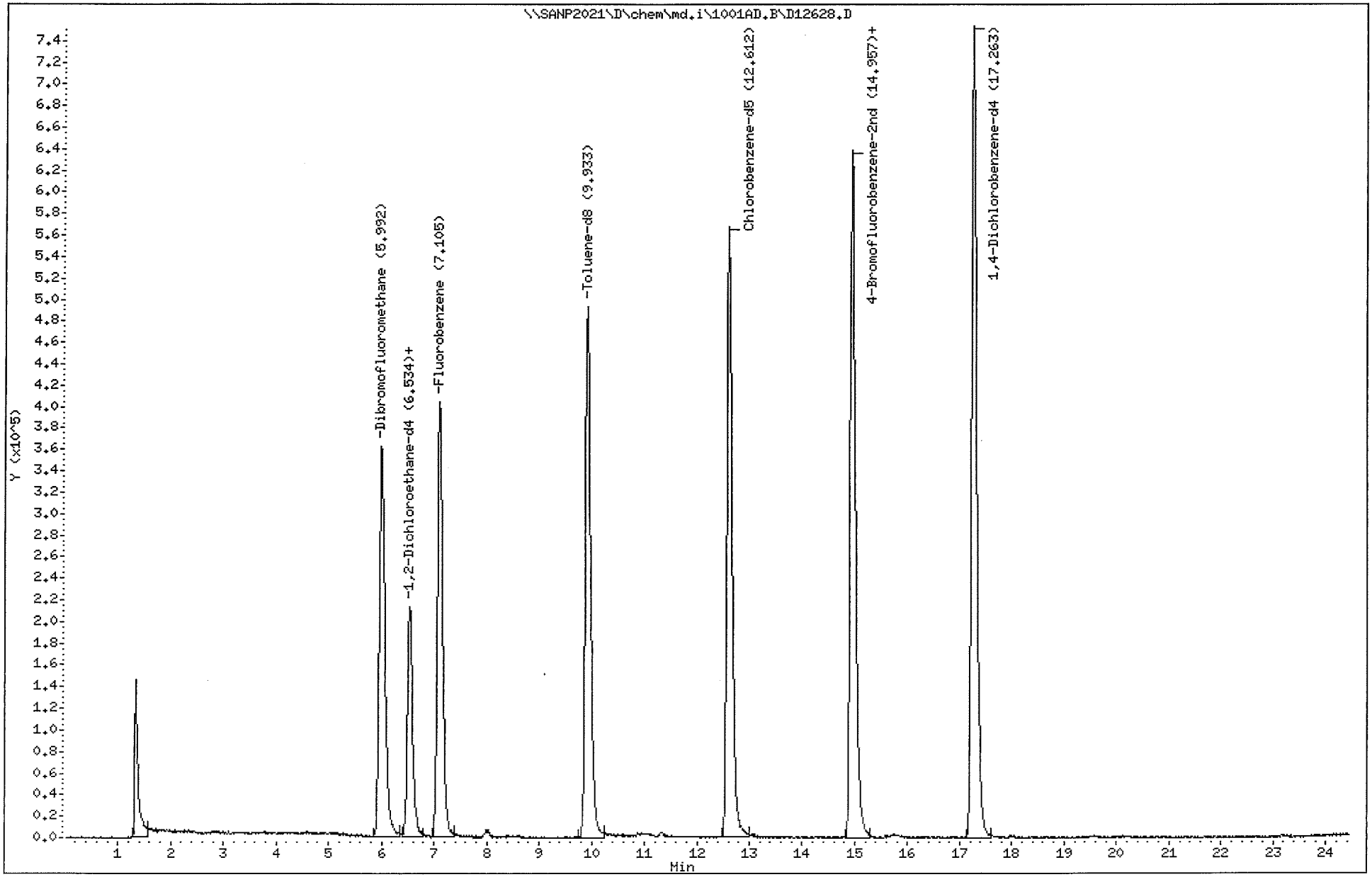
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12628.D
Date : 01-OCT-2000 20:13
Client ID: D12628
Sample Info: DL3GG101,,2,,0,1,0,8260BDA.M,D12628

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0156257

000716

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12628.D

Date : 01-OCT-2000 20:13

Client ID: D12628

Instrument: md.i

Sample Info: DL3GG101,,2,,0,1,0,8260BDA.M,D12628

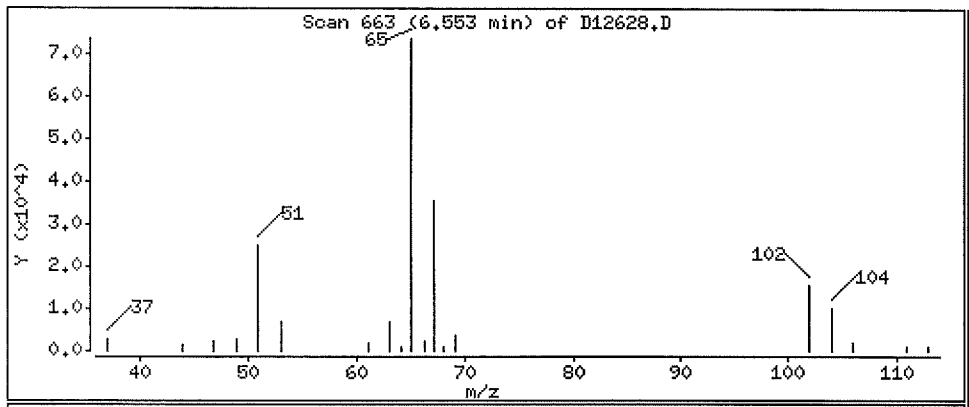
Operator: GFB

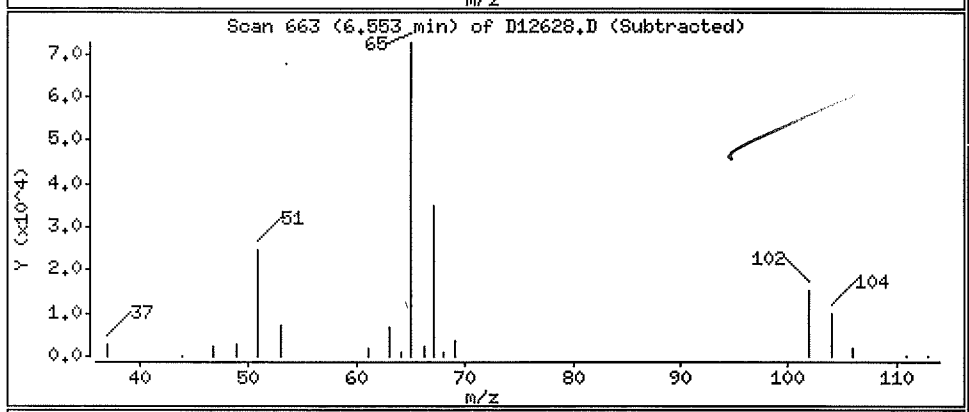
Column phase: J&W DB-624

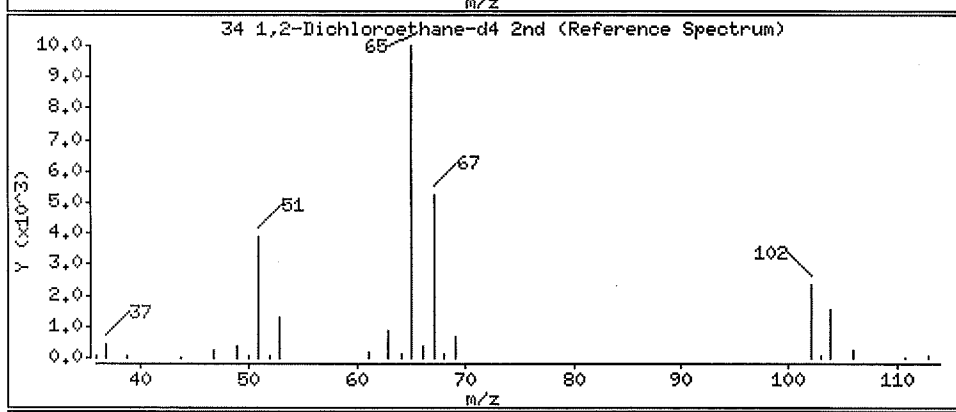
Column diameter: 0.53

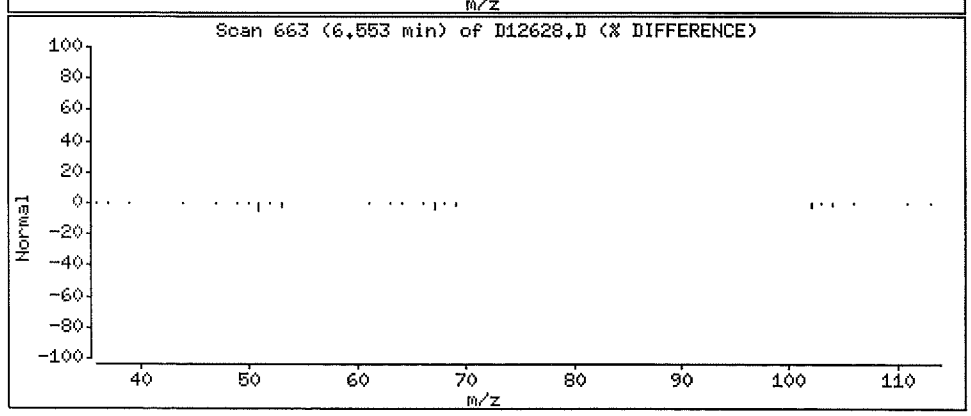
34 1,2-Dichloroethane-d4 2nd

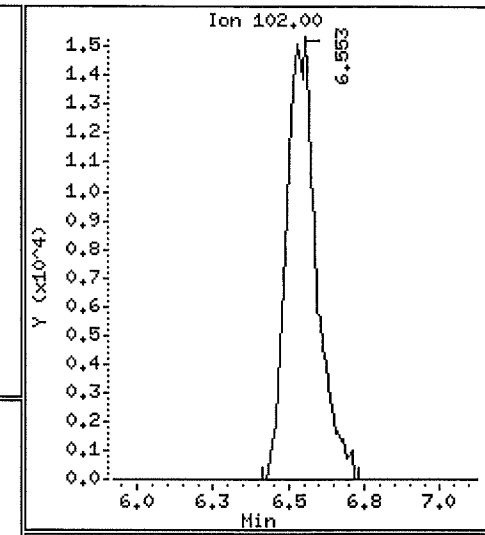
Concentration: 41.97 ug/Kg

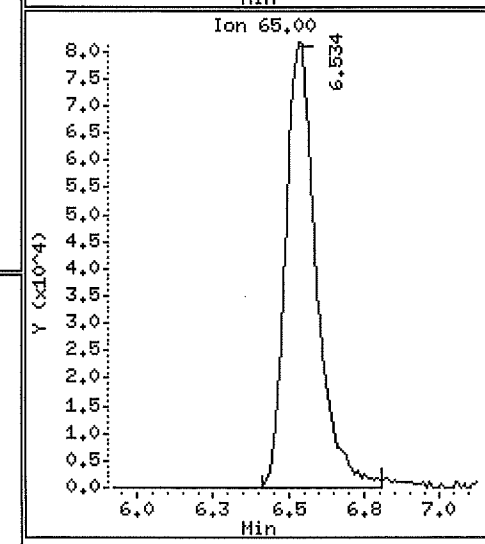












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12628.D

Date : 01-OCT-2000 20:13

Client ID: D12628

Instrument: md.i

Sample Info: DL3GG101,,2,,0,1,0,8260BDA,M,D12628

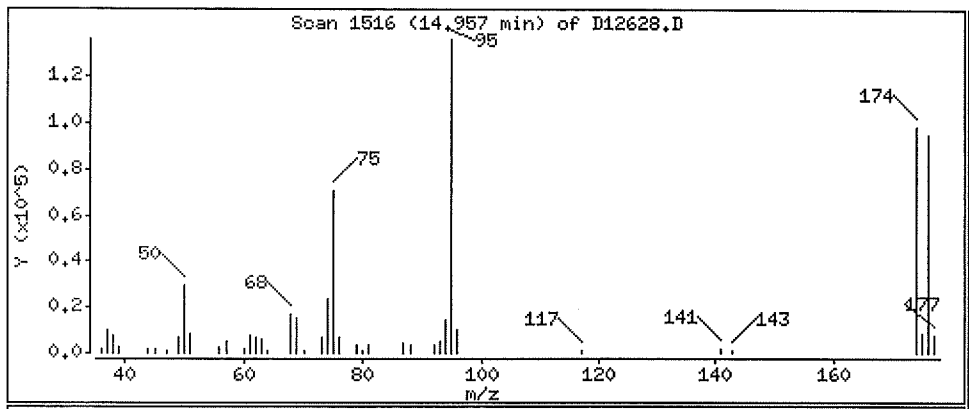
Operator: GFB

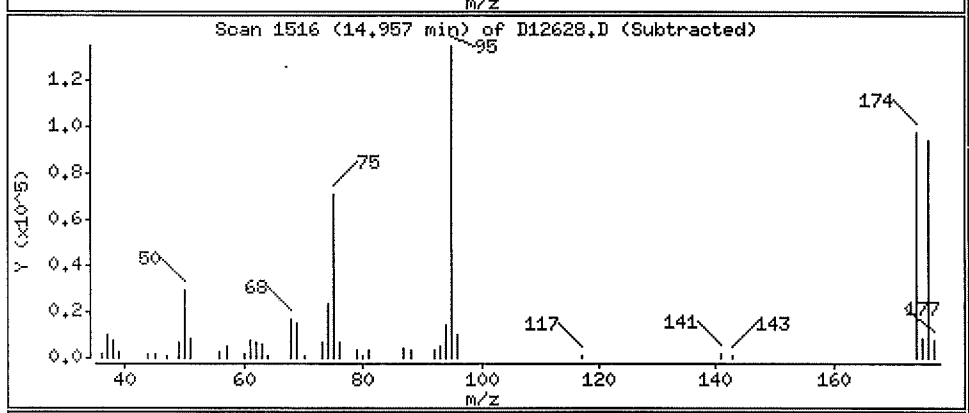
Column phase: J&W DB-624

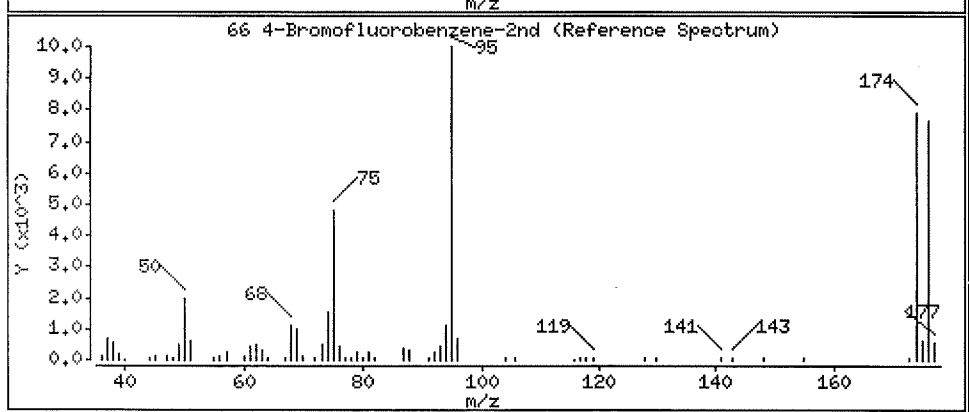
Column diameter: 0.53

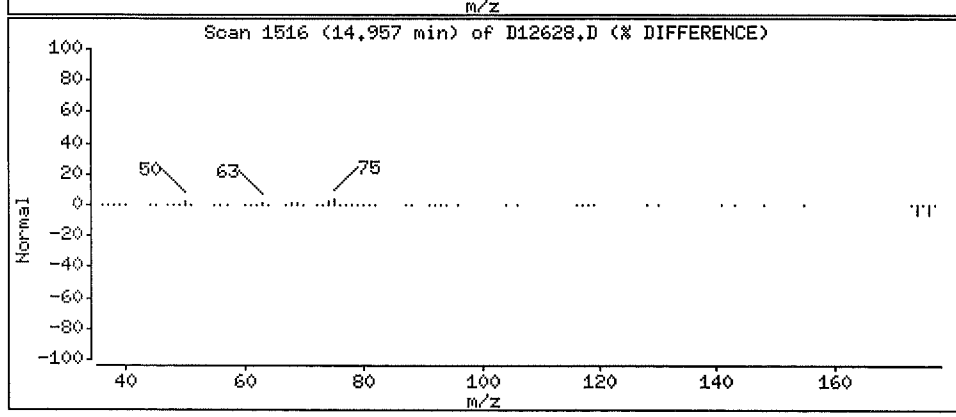
66 4-Bromofluorobenzene-2nd

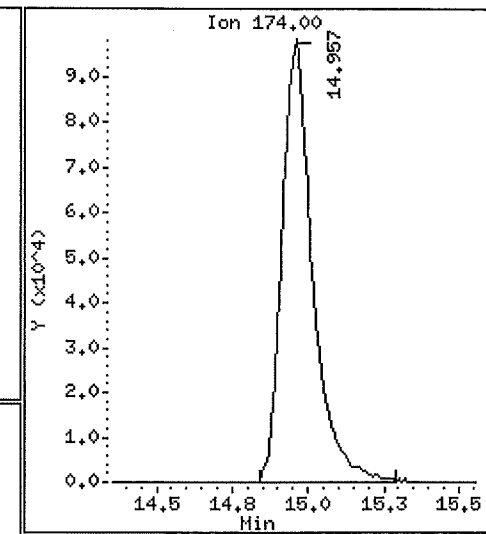
Concentration: 43.52 ug/Kg

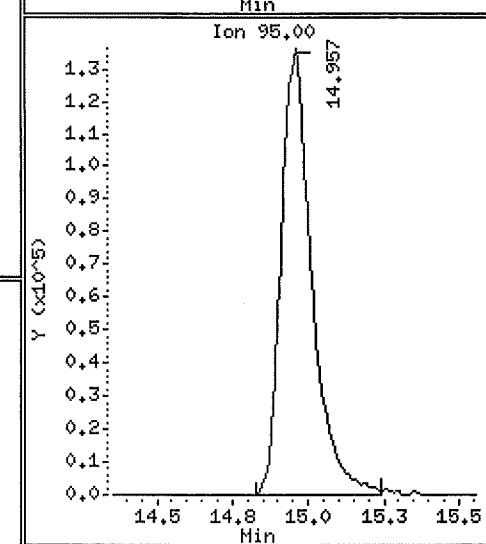


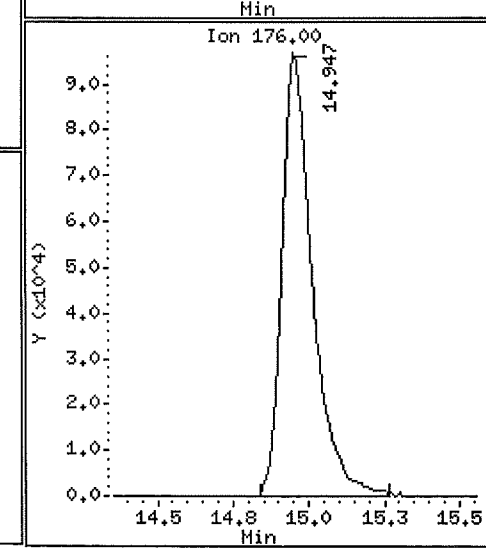












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12628.D

Date : 01-OCT-2000 20:13

Client ID: D12628

Instrument: md.i

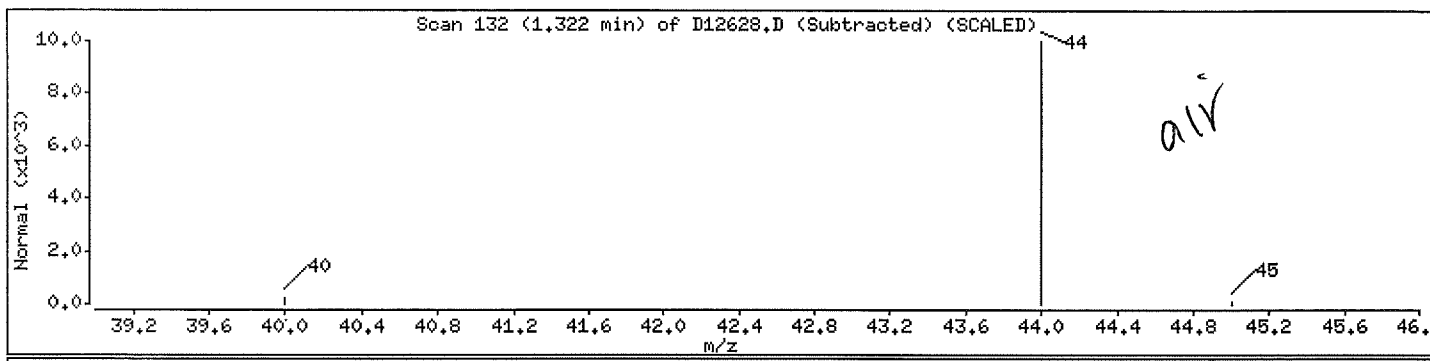
Sample Info: DL3GC101,,2,,0,1,0,8260BDA.M,D12628

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\1001AD.B\D12629.D
Lab Smp Id: DL3GJ101 Client Smp ID: D12629
Inj Date : 01-OCT-2000 20:44
Operator : GFB Inst ID: md.i
Smp Info : DL3GJ101,,2,,0,1,0,8260BDA.M,D12629
Misc Info : 285-16,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	6.007	5.989	(0.845)	822591	51.2369	51.24
$ 33 1,2-Dichloroethane-d4	65	6.529	6.521	(0.918)	584756	49.4678	49.47
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.521	(0.917)	108691	43.0737	43.07
* 38 Fluorobenzene	96	7.111	7.082	(1.000)	1184998	50.0000	
$ 47 Toluene-d8	98	9.918	9.920	(0.787)	1178614	45.7238	45.72
* 56 Chlorobenzene-d5	117	12.608	12.600	(1.000)	1163239	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.954	(0.866)	684514	43.3094	43.31
$ 67 4-Bromofluorobenzene	95	14.943	14.954	(0.866)	980436	42.8888	42.89
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.260	(1.000)	828598	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\1001AD.B\D12629.D
Lab Smp Id: DL3GJ101 Client Smp ID: D12629
Inj Date : 01-OCT-2000 20:44
Operator : GFB Inst ID: md.i
Smp Info : DL3GJ101,,2,,0,1,0,8260BDA.M,D12629
Misc Info : 285-16,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.111	2808226	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	616814	10.9822621	10.98	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GJ101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12629
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~~ Ca(1)	1.327	10.98	J

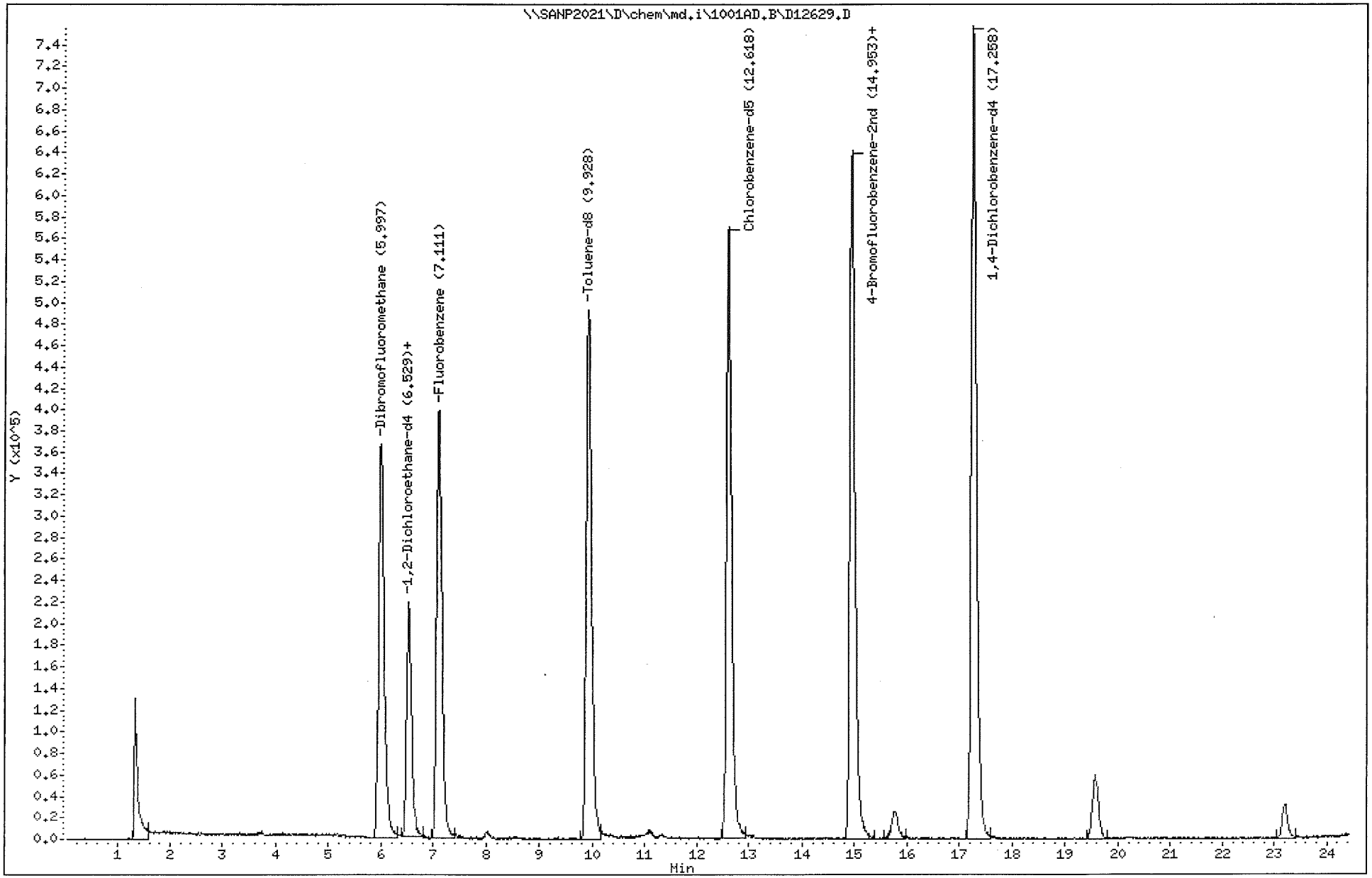
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12629.D
Date : 01-OCT-2000 20:44
Client ID: D12629
Sample Info: DL3GJ101,,2,,0,1,0,8260BDA.M,D12629

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000723

BOE-C6-0156264

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12629.D

Date : 01-OCT-2000 20:44

Client ID: D12629

Instrument: md.i

Sample Info: DL3GJ101,,2,,0,1,0,8260BDA.M,D12629

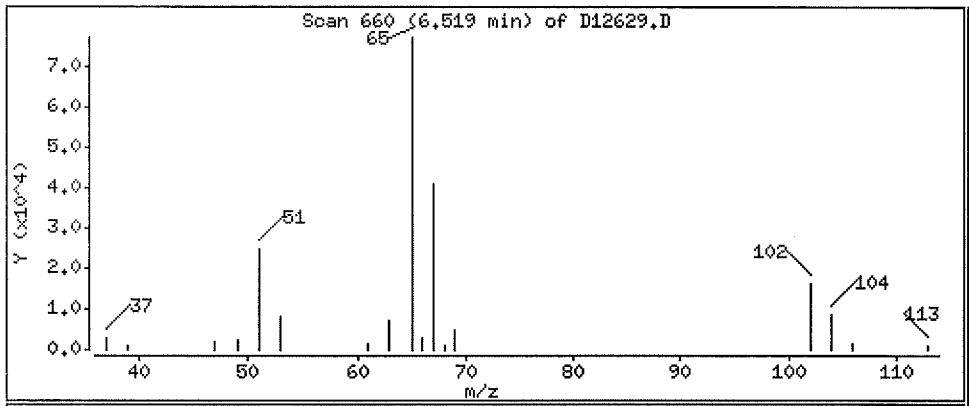
Operator: GFB

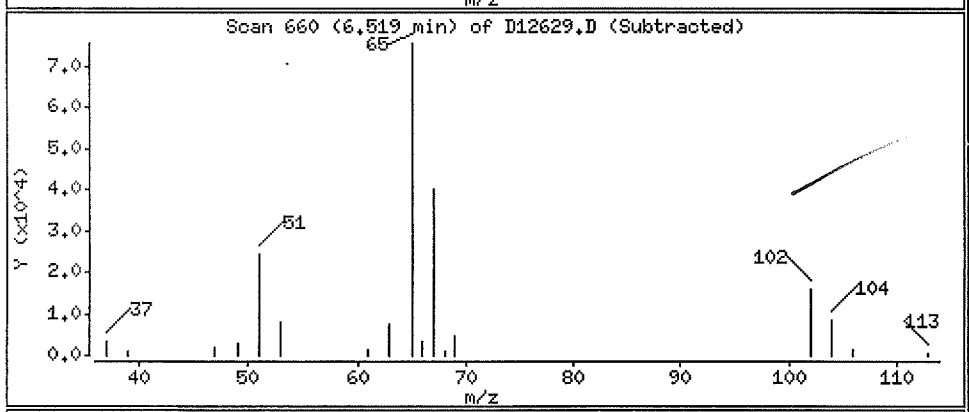
Column phase: J&W DB-624

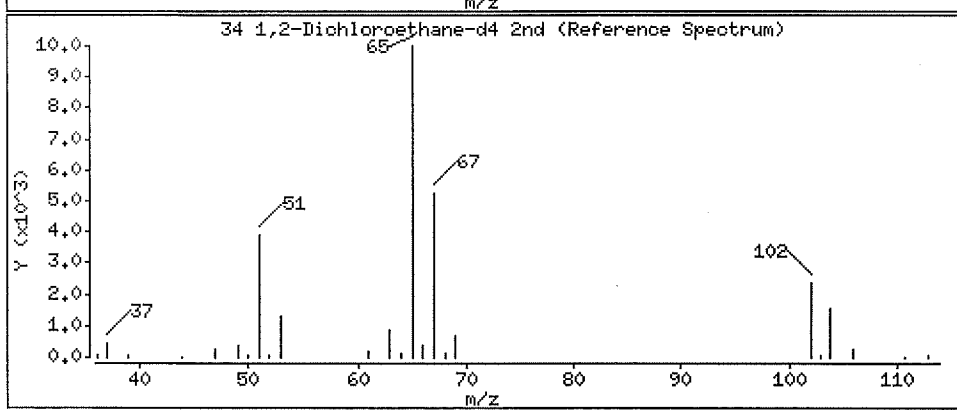
Column diameter: 0.53

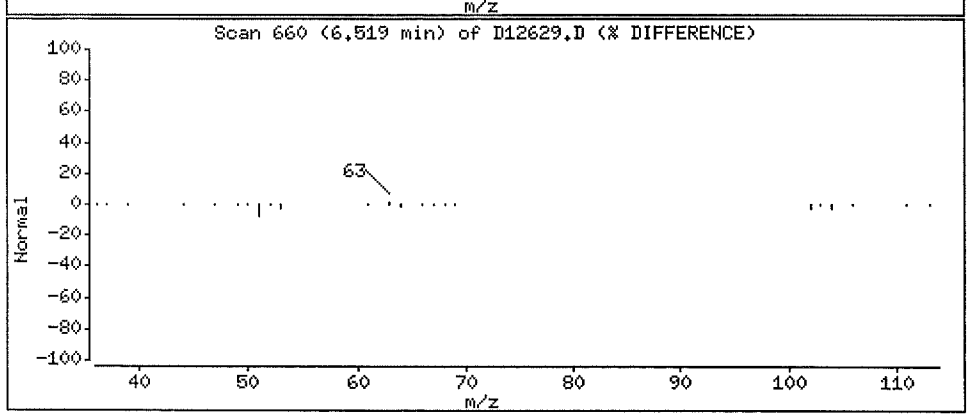
34 1,2-Dichloroethane-d4 2nd

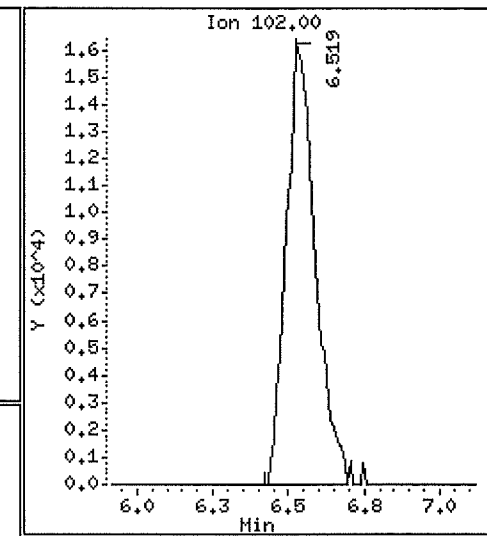
Concentration: 43.07 ug/Kg

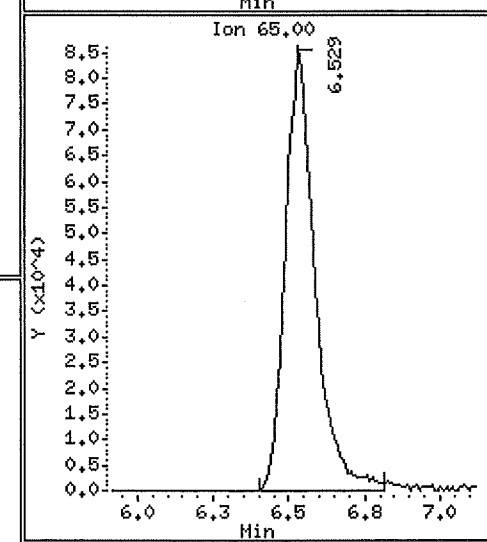












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12629.D

Date : 01-OCT-2000 20:44

Client ID: D12629

Instrument: md.i

Sample Info: DL3GJ101,,2,,0,1,0,8260BDA.M,D12629

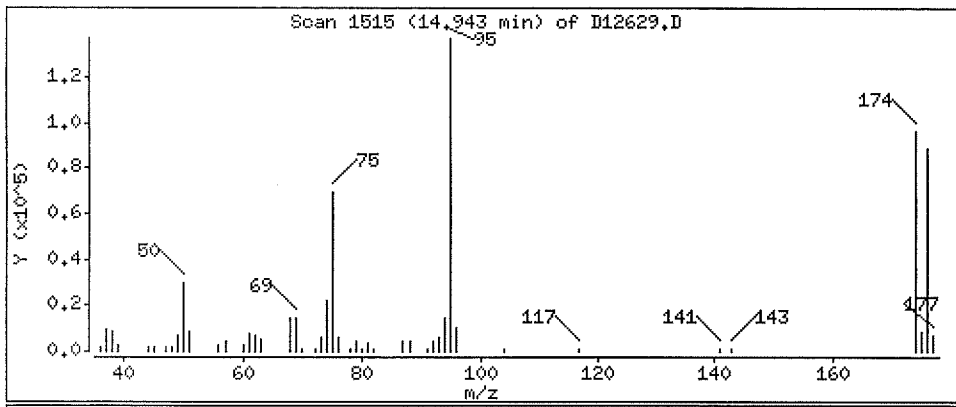
Operator: GFB

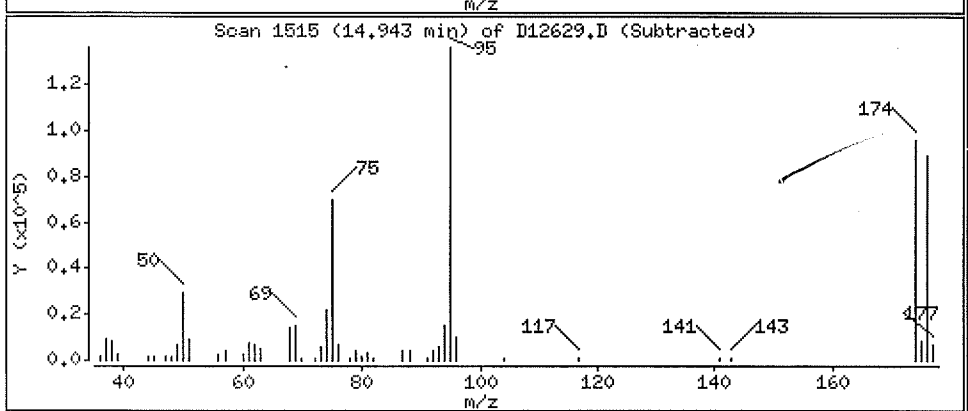
Column phase: J&W DB-624

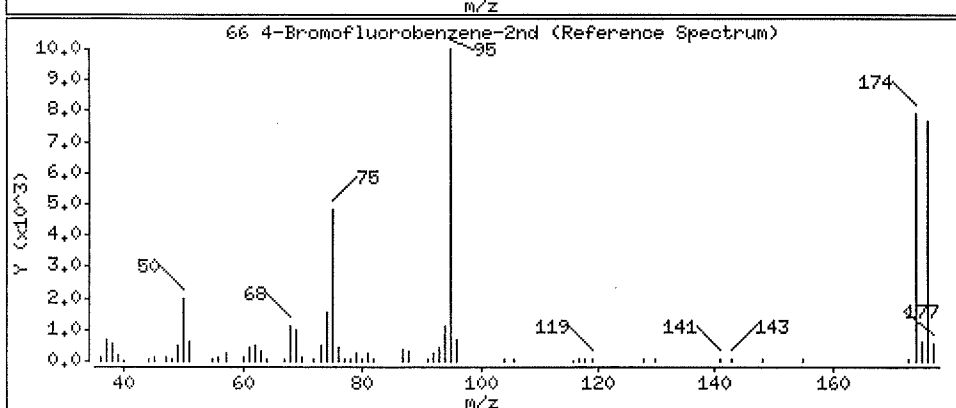
Column diameter: 0.53

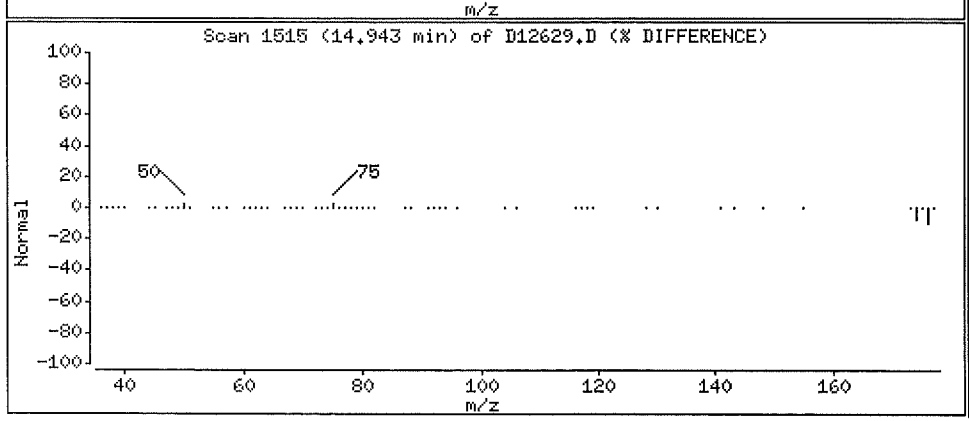
66 4-Bromofluorobenzene-2nd

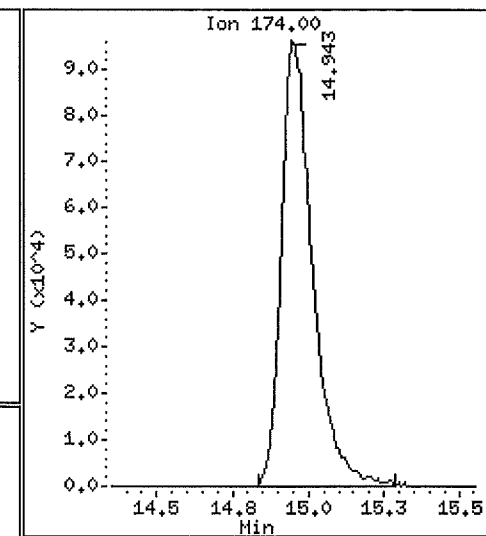
Concentration: 43.31 ug/Kg

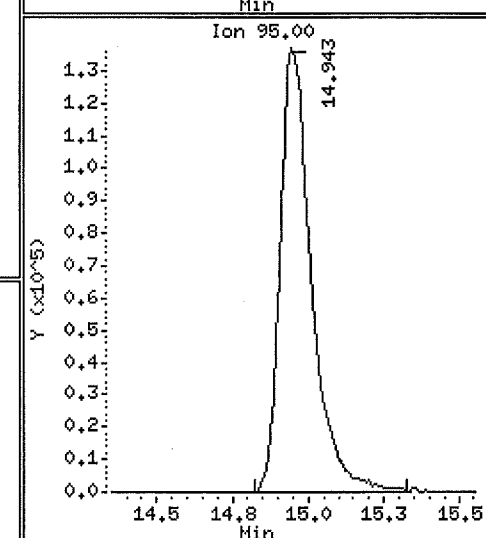


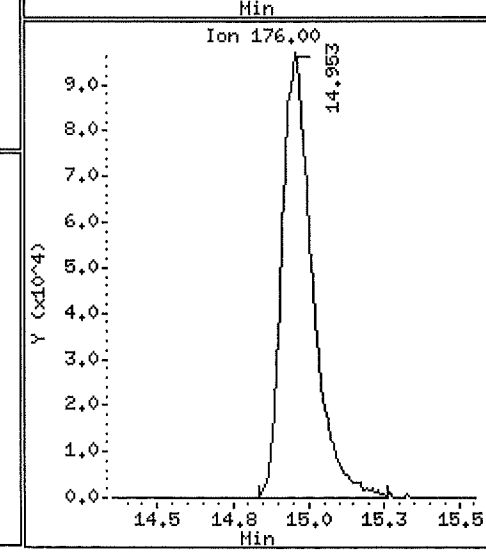












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12629.D

Date : 01-OCT-2000 20:44

Client ID: D12629

Instrument: md.i

Sample Info: DL3GJ101,,2,,0,1,0,8260BDA.M,D12629

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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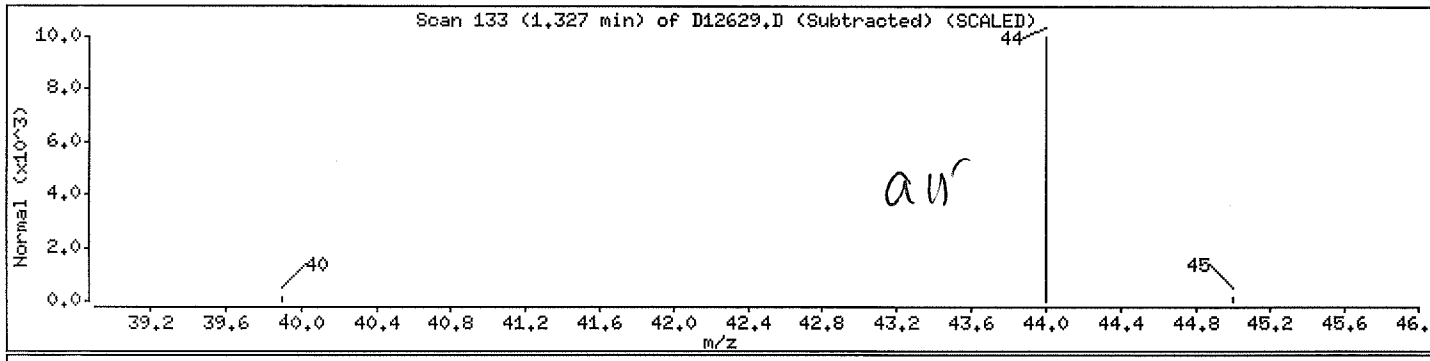


STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1001AD.B\D12630.D
Lab Smp Id: DL3GK101 Client Smp ID: D12630
Inj Date : 01-OCT-2000 21:16
Operator : GFB Inst ID: md.i
Smp Info : DL3GK101,,2,,0,1,0,8260BDA.M,D12630
Misc Info : 285-17,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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)
10 Acetone	43	2.873	2.875	(0.405)	40484	22.0839	22.08(Q)
$ 29 Dibromofluoromethane	111	5.986	5.989	(0.843)	836580	53.4662	53.47
$ 33 1,2-Dichloroethane-d4	65	6.528	6.521	(0.920)	611787	53.1033	53.10
34 1,2-Dichloroethane-d4 2nd	102	6.538	6.521	(0.921)	111178	45.2073	45.21
* 38 Fluorobenzene	96	7.100	7.082	(1.000)	1154900	50.0000	
$ 47 Toluene-d8	98	9.917	9.920	(0.786)	1110911	48.6763	48.68
* 56 Chlorobenzene-d5	117	12.617	12.600	(1.000)	1029915	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.954	(0.866)	558733	53.7091	53.71
$ 67 4-Bromofluorobenzene	95	14.952	14.954	(0.866)	778597	51.7466	51.75
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.260	(1.000)	545381	50.0000	(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

RT	AREA	CONCENTRATIONS ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
19.573	963060	14.1614580	14.16	0		0	79

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1001AD.B\D12630.D
Lab Smp Id: DL3GK101 Client Smp ID: D12630
Inj Date : 01-OCT-2000 21:16
Operator : GFB Inst ID: md.i
Smp Info : DL3GK101,,2,,0,1,0,8260BDA.M,D12630
Misc Info : 285-17,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1001AD.B\8260BDA.m
Meth Date : 02-Oct-2000 15:42 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.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	7.100	2757920	50.000
* 79 1,4-Dichlorobenzene-d4	17.257	3400284	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	735862	13.3408815	13.34	0		0	38
Unknown				CAS #:			
15.770	426861	6.27684834	6.28	0		0	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GK101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12630
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown air	1.326	13.34	J
2.	Unknown	15.770	6.28	J
3.	Unknown	19.573	14.16	J

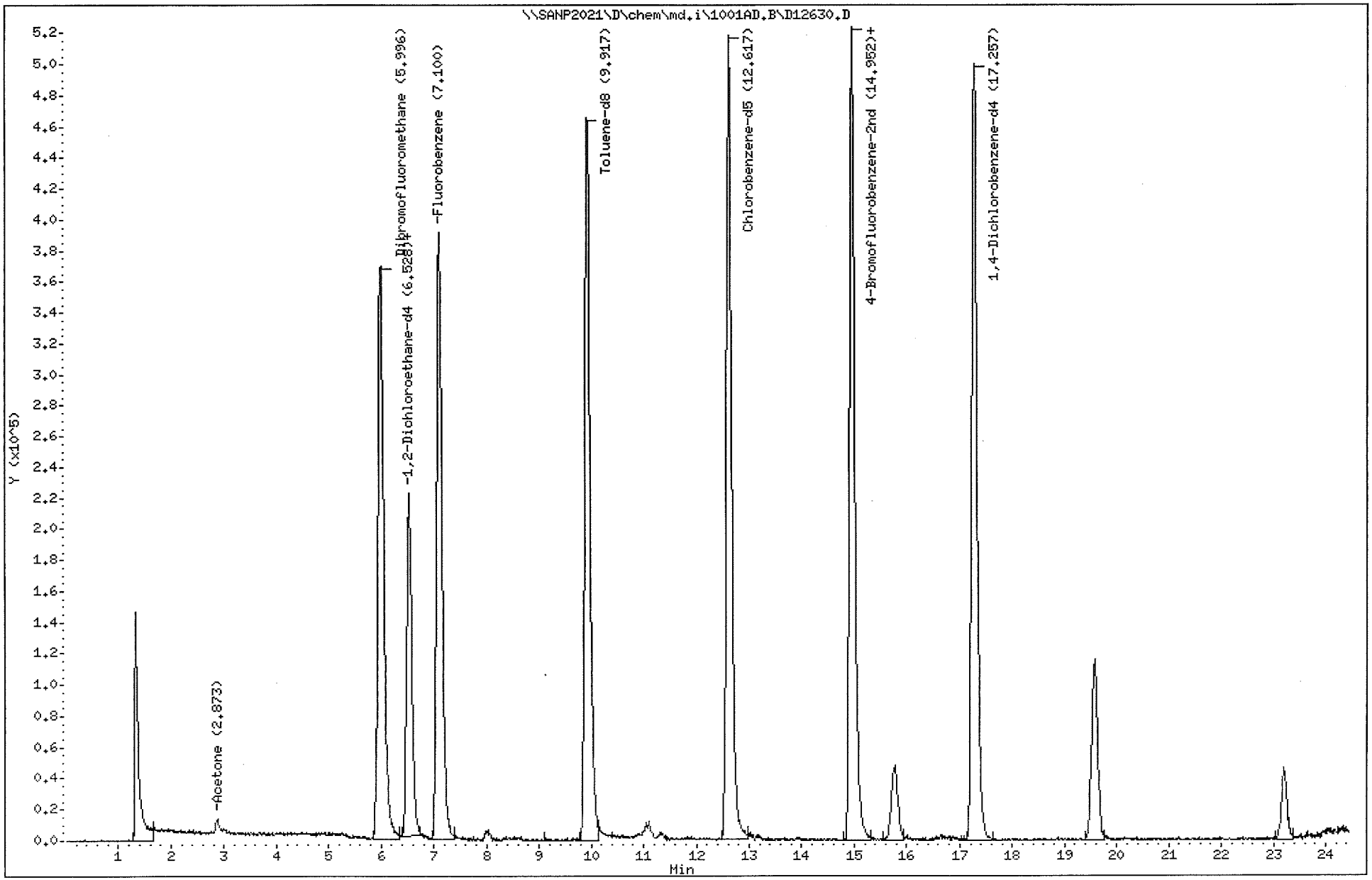
Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12630.D
Date : 01-OCT-2000 21:16
Client ID: D12630
Sample Info: DL3GK101,,2,,0,1,0,8260BDA.M,D12630

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000732

BOE-C6-0156273

Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12630.D

Date : 01-OCT-2000 21:16

Client ID: D12630

Instrument: md.i

Sample Info: DL3GK101,,2,,0,1,0,8260BDA.M,D12630

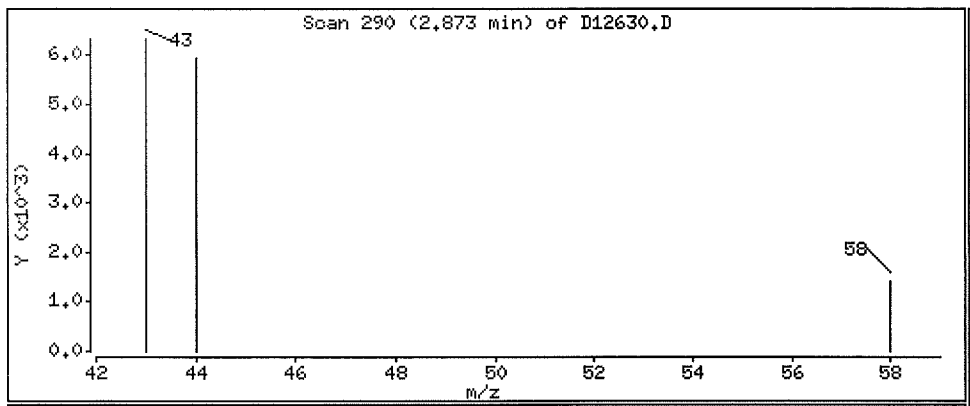
Operator: GFB

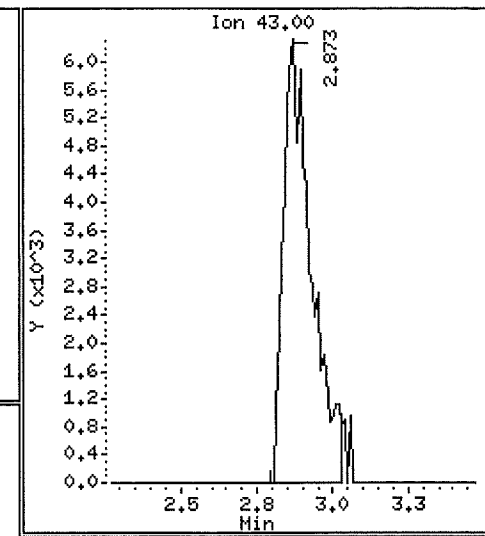
Column phase: J&W DB-624

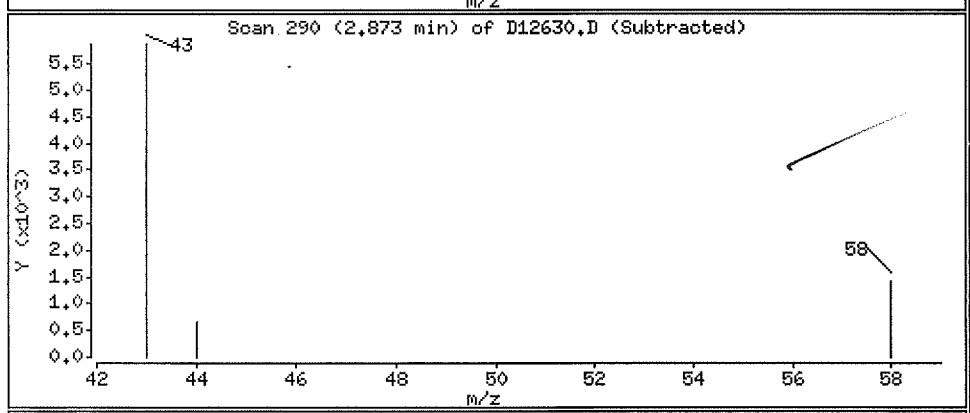
Column diameter: 0.53

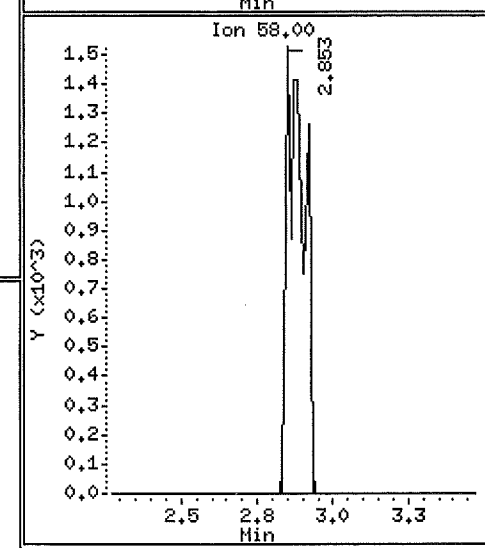
10 Acetone

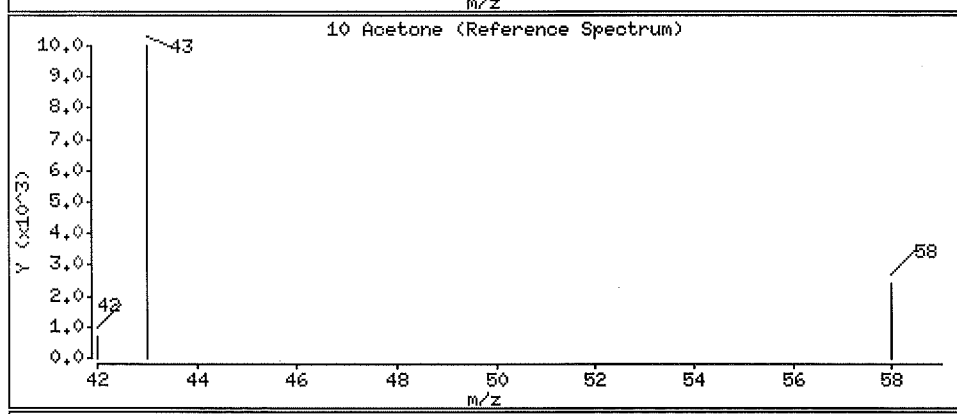
Concentration: 22.08 ug/Kg

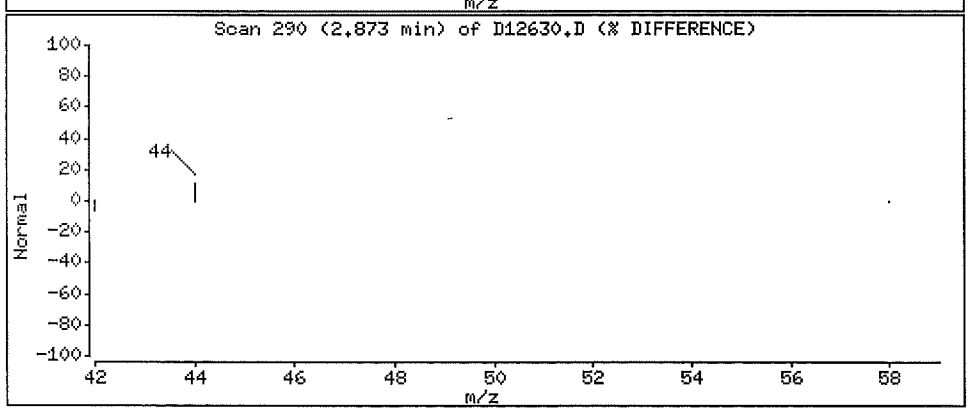












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12630.D

Date : 01-OCT-2000 21:16

Client ID: D12630

Instrument: md.i

Sample Info: DL3GK101,,2,,0,1,0,8260BDA,M,D12630

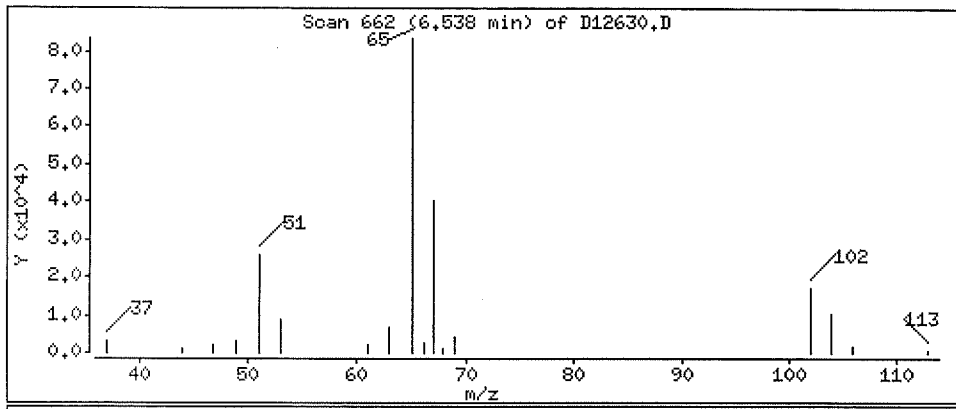
Operator: GFB

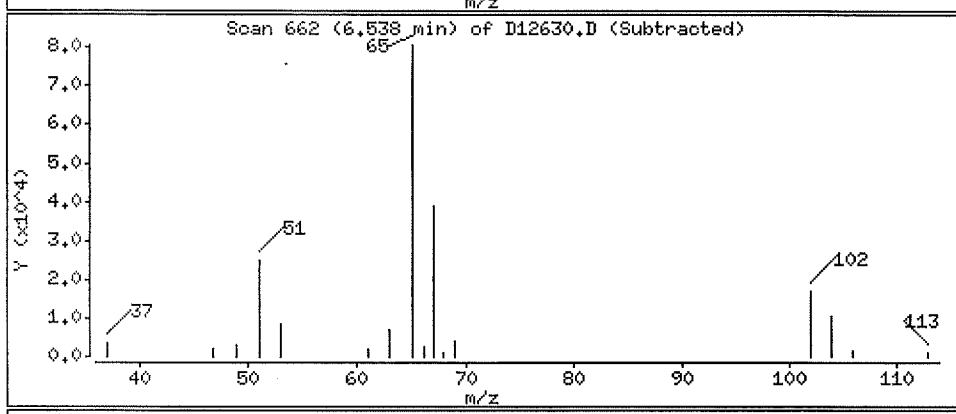
Column phase: J&W DB-624

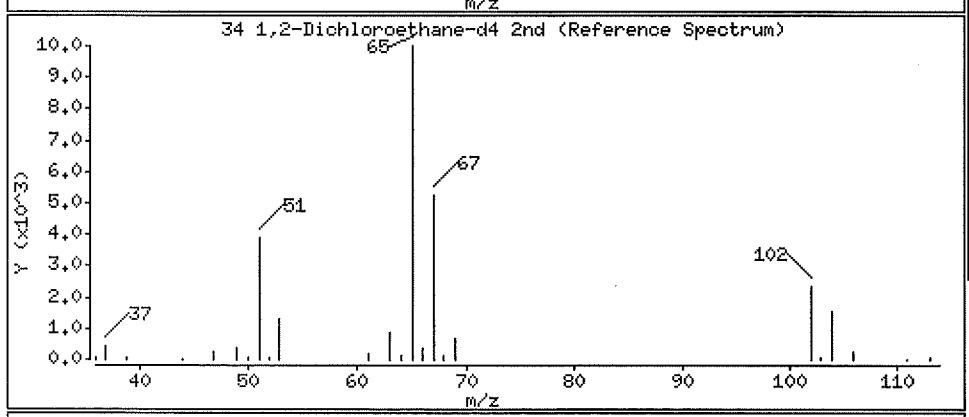
Column diameter: 0.53

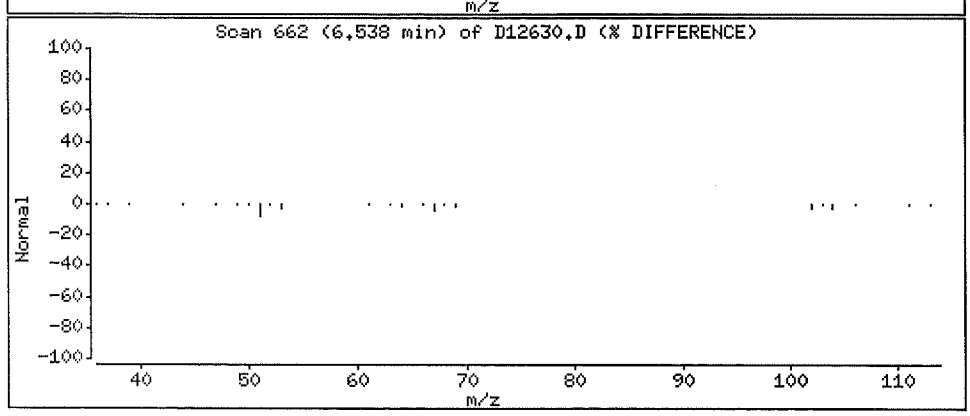
34 1,2-Dichloroethane-d4 2nd

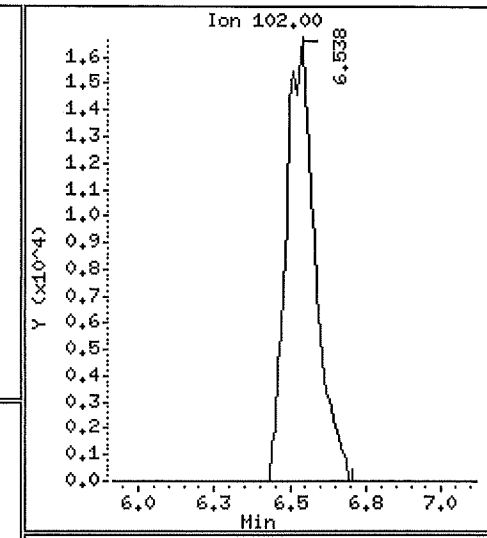
Concentration: 45.21 ug/Kg

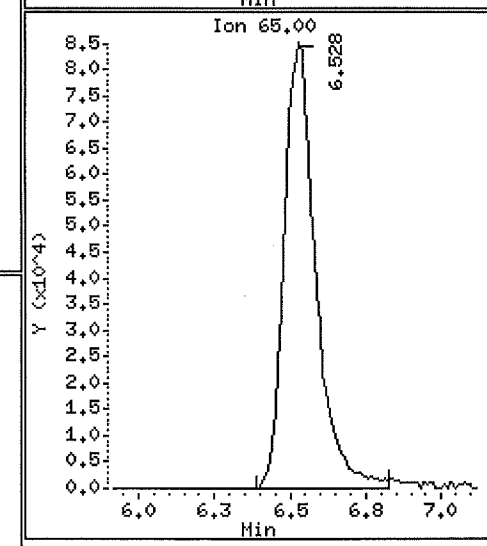












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12630.D

Date : 01-OCT-2000 21:16

Client ID: D12630

Instrument: md.i

Sample Info: DL3GK101,,2,,0,1,0,8260BDA.M,D12630

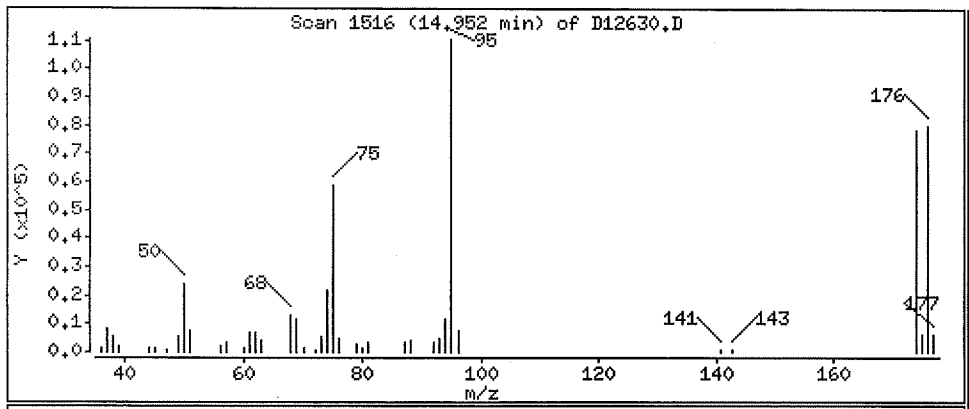
Operator: GFB

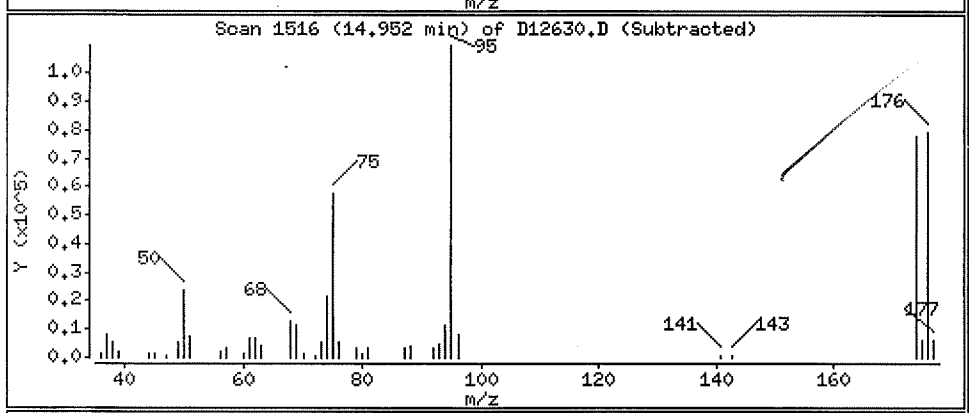
Column phase: J&W DB-624

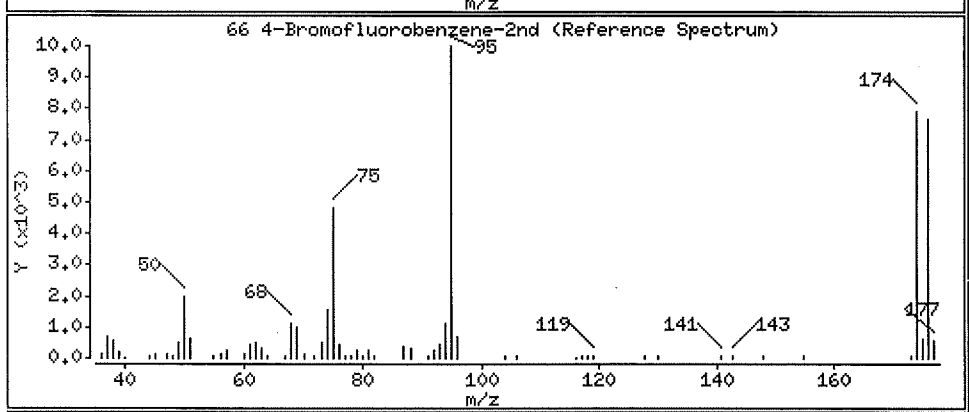
Column diameter: 0.53

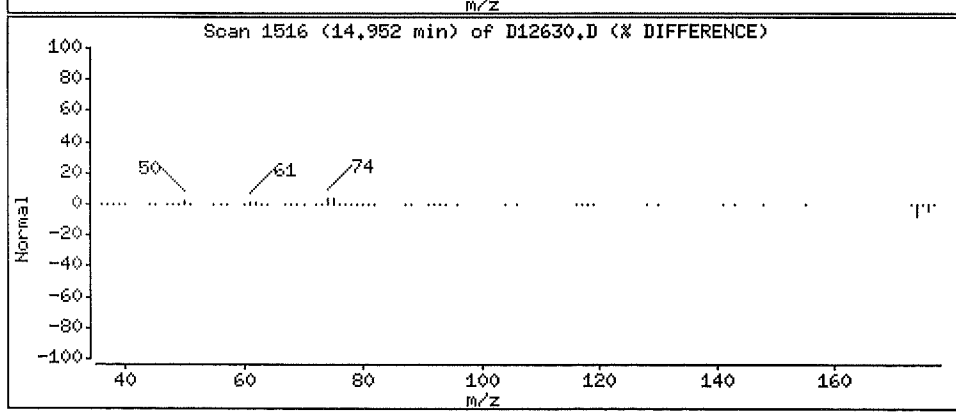
66 4-Bromofluorobenzene-2nd

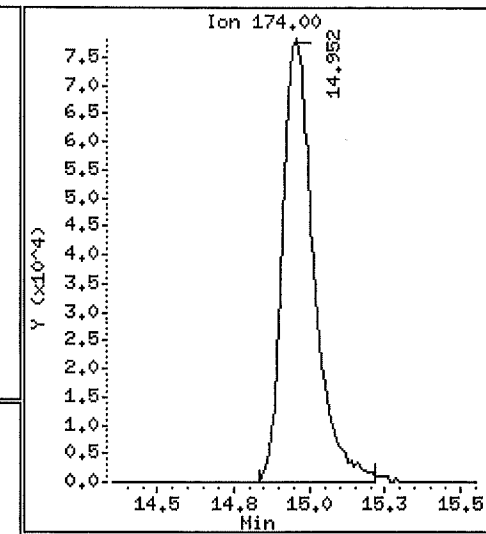
Concentration: 53.71 ug/Kg

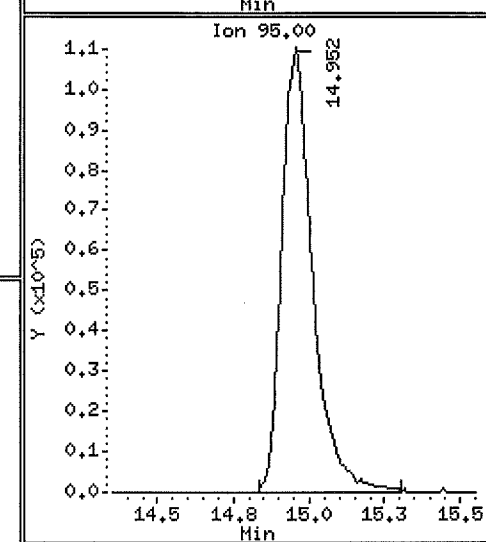


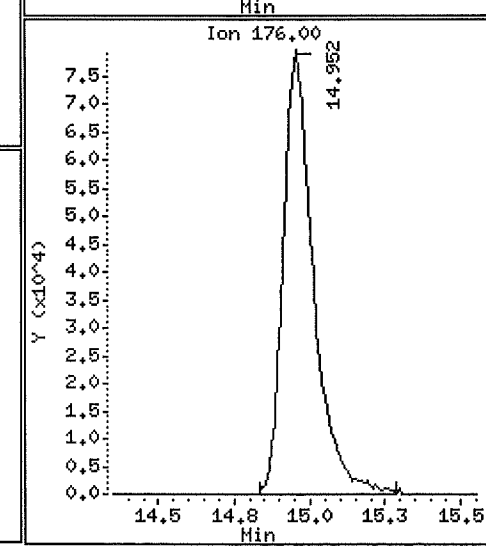












Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12630.D

Date : 01-OCT-2000 21:16

Client ID: D12630

Instrument: md.i

Sample Info: DL3GK101,,2,,0,1,0,8260BDA.M,D12630

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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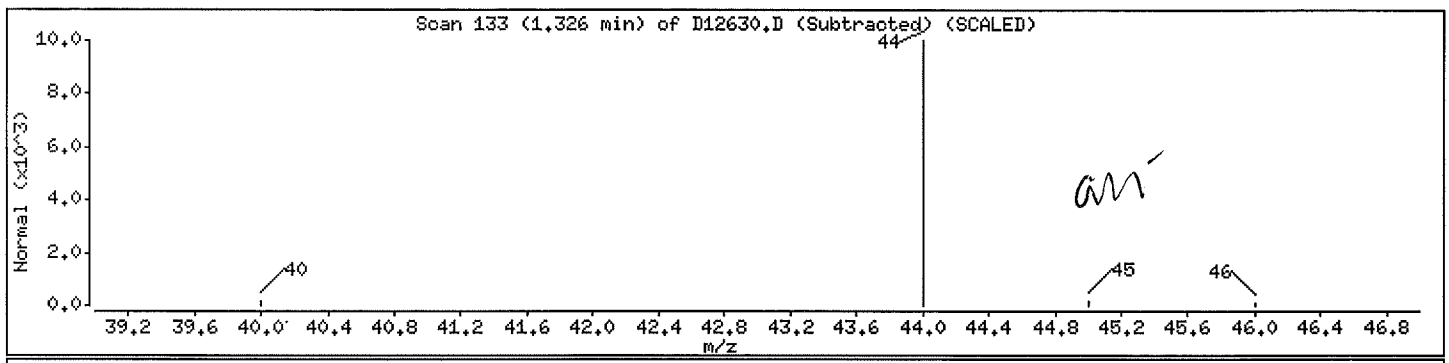


Data File: \\SANP2021\D\chem\md.i\1001AD.B\D12630.D

Date : 01-OCT-2000 21:16

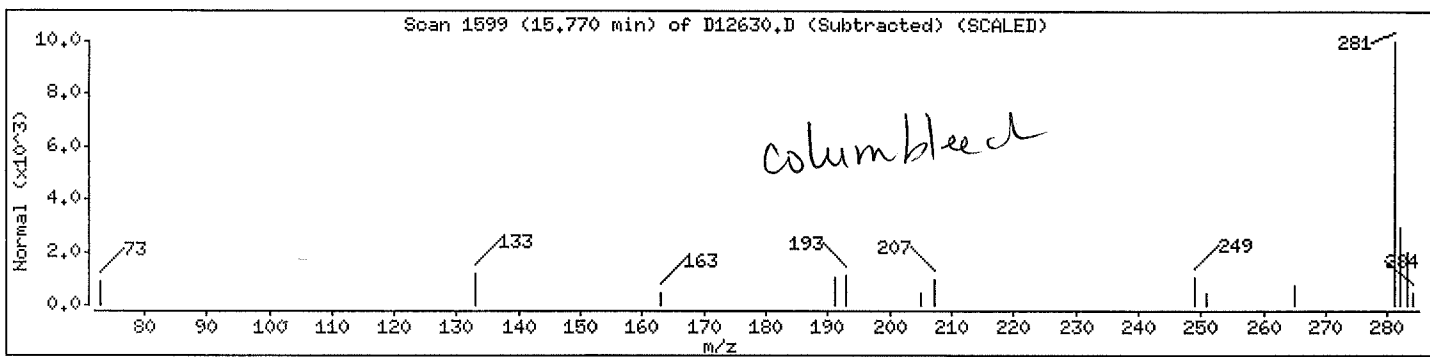
Client ID: D12630 Instrument: md.i

Sample Info: DL3GK101,,2,,0,1,0,8260BDA.M,D12630

Operator: GFB

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

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



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Date : 01-OCT-2000 21:16

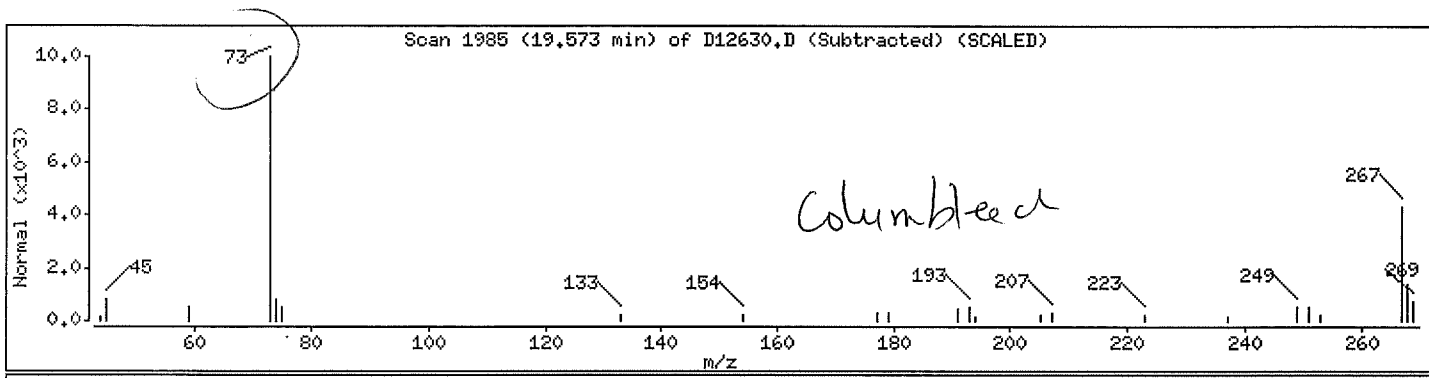
Client ID: D12630

Instrument: md.i

Sample Info: DL3GK101,,2,,0,1,0,8260BDA.M,D12630

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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