8260B SAMPLE / QC DATA

DATE ANALYZED: 100200

INSTRUMENT ID: MSD

SAMPLES: EOI260285 18 → 31

STL Los Angeles

Batch ID: 0276521

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: 1002 AD
Init. Cal ID: 8260 BDA 9-6-00			Date: 10/2/00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
7:19	GFB	DT1555	50ng BFB	—	—	1ul						1198-1
7:24		56	↓	—	—	1ul						↓
7:34		DS2504	50ppb 8260B STD	1	S	5g						1237-1 Vinylchloride low
8:17		05	↓	1	S	5g						↓ ↓
9:31		DT1557	50ng BFB	—	—	1ul			✓			1198-1
9:44		DS2506	50ppb 8260B STD	1	S	5g	1.0	151	✓			1239-1
10:26		D12633	LCS 1002AD	2				150	✓			1235-2
10:58		34	MB 1002AD	3				139	✓			
11:30		35	DL3G2101	4				136	✓			EOI260285-18 Boeing
12:02		36	DL3GM101	5				130	✓			-19
12:34		37	DL3GN101	6				132	✓			-20
13:06		38	DL3GP101	7				138	✓			-21
13:38		39	DL3GR101	8				130	✓			-22
14:10		40	DL3GT101	9				128	✓			-23
14:41		41	DL3GW101	10				124	✓			-24
15:13		42	DL3GX101	11				125	✓			-25
15:45		43	DL3H2101	12				122	✓			-26
16:17		44	DL3H3101	13				121	✓			-27
16:49		45	DL3G210S	14				127	✓			-18 MS 1235-2
17:21		46	DL3G210D	15				128	✓			-18 MSD ↓
17:57		47	DL3H4101	16				130	✓			-28
18:23		48	DL3H5101	17				121	✓			-29
18:55		49	DL3H6101	18				122	✓			-30
19:27	↓	50	DL3H7101	19	↓	↓	↓	121	✓			-31

000740

000084

BOE-C6-0156281

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

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

Lab File ID (Standard): DS2506 Date Analyzed: 10/02/00

Instrument ID: MD Time Analyzed: 0944

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	1511324	7.10	1290848	12.61	900086	17.26
	UPPER LIMIT	3022648	7.60	2581696	13.11	1800172	17.76
	LOWER LIMIT	755662	6.60	645424	12.11	450043	16.76
	EPA SAMPLE NO.						
01	D12633	1507635	7.11	1281369	12.61	914942	17.26
02	D12634	1394059	7.09	1240917	12.61	881667	17.26
03	D12635	1364705	7.11	1213418	12.61	830307	17.27
04	D12636	1367804	7.10	1218457	12.61	839176	17.27
05	D12637	1321453	7.10	1191187	12.62	826003	17.27
06	D12638	1381624	7.09	1248139	12.62	871296	17.26
07	D12639	1307078	7.09	1128995	12.61	798196	17.27
08	D12640	1288514	7.12	1126879	12.62	793144	17.27
09	D12641	1244407	7.10	1087557	12.63	759383	17.28
10	D12642	1255971	7.11	1073978	12.62	731245	17.28
11	D12643	1226844	7.11	1089108	12.63	759355	17.28
12	D12644	1213011	7.11	1084398	12.61	743642	17.27
13	D12645	1271035	7.10	1086373	12.62	785854	17.27
14	D12646	1288354	7.10	1109063	12.61	808599	17.27
15	D12647	1301535	7.10	1130904	12.62	786947	17.27
16	D12648	1219747	7.11	1071771	12.61	718631	17.27
17	D12649	1223422	7.10	1078417	12.61	764111	17.27
18	D12650	1212303	7.10	1068655	12.61	707640	17.27
19							
20							
21							
22							

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

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

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

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1002AD.B\DT1557.D
Lab Smp Id:
Inj Date : 02-OCT-2000 09:31
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\1002AD.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		
1.7764	1.8000	(0.000)	95	93912			0.00- 100.00	100.00
1.7764	1.8000	(0.000)	50	19888			15.00- 40.00	21.18
1.7764	1.8000	(0.000)	75	49506			30.00- 60.00	52.72
1.7764	1.8000	(0.000)	96	6998			5.00- 9.00	7.45
1.7764	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7764	1.8000	(0.000)	174	69933			50.00- 0.00	74.47
1.7764	1.8000	(0.000)	175	5768			5.00- 9.00	8.25
1.7764	1.8000	(0.000)	176	69938			95.00- 101.00	100.01
1.7764	1.8000	(0.000)	177	5207			5.00- 9.00	7.45

AM 10/2/2000

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\DT1557.D

Date : 02-OCT-2000 09:31

Client ID:

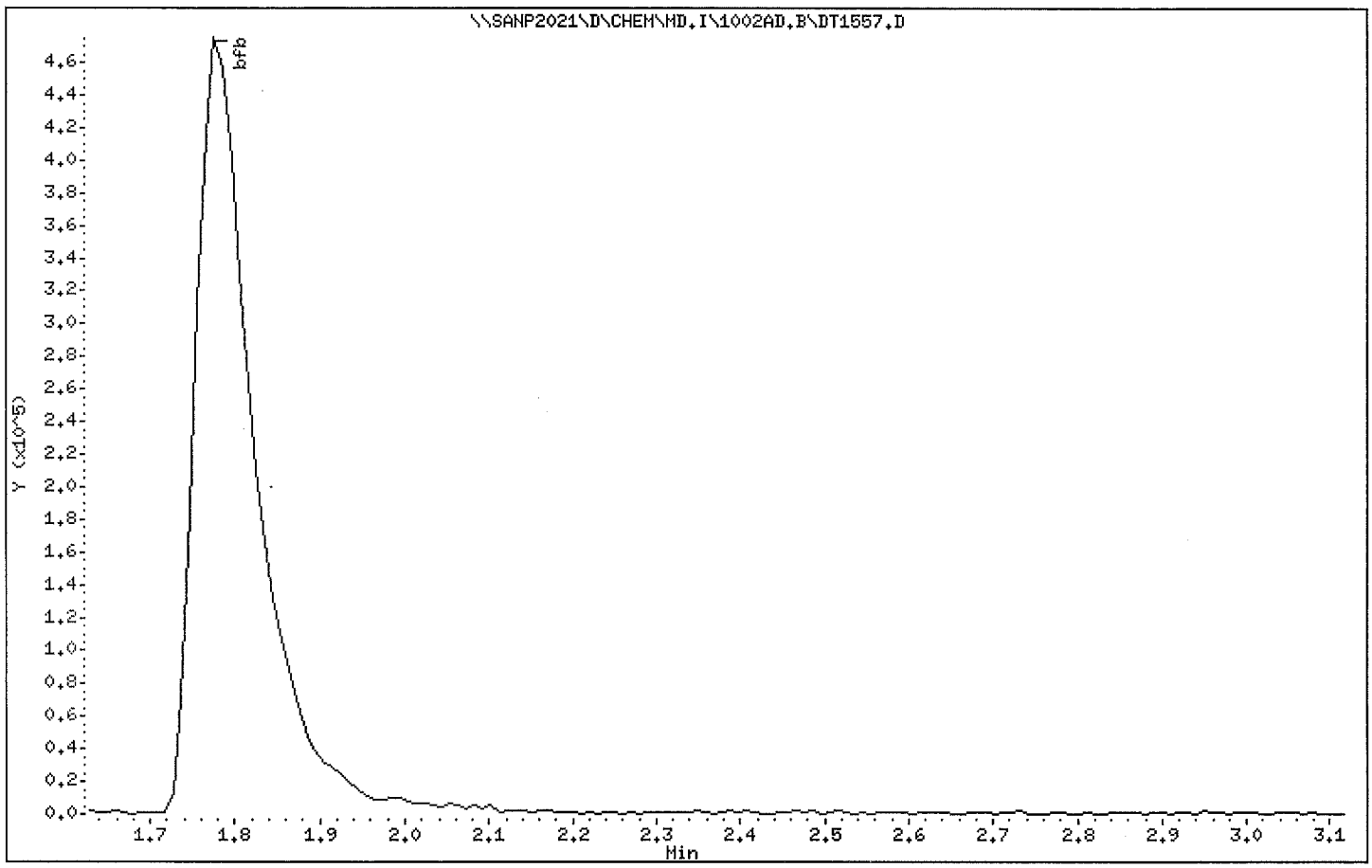
Instrument: md.i

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\1002AD.B\DT1557.D

Date : 02-OCT-2000 09:31

Client ID:

Instrument: md.i

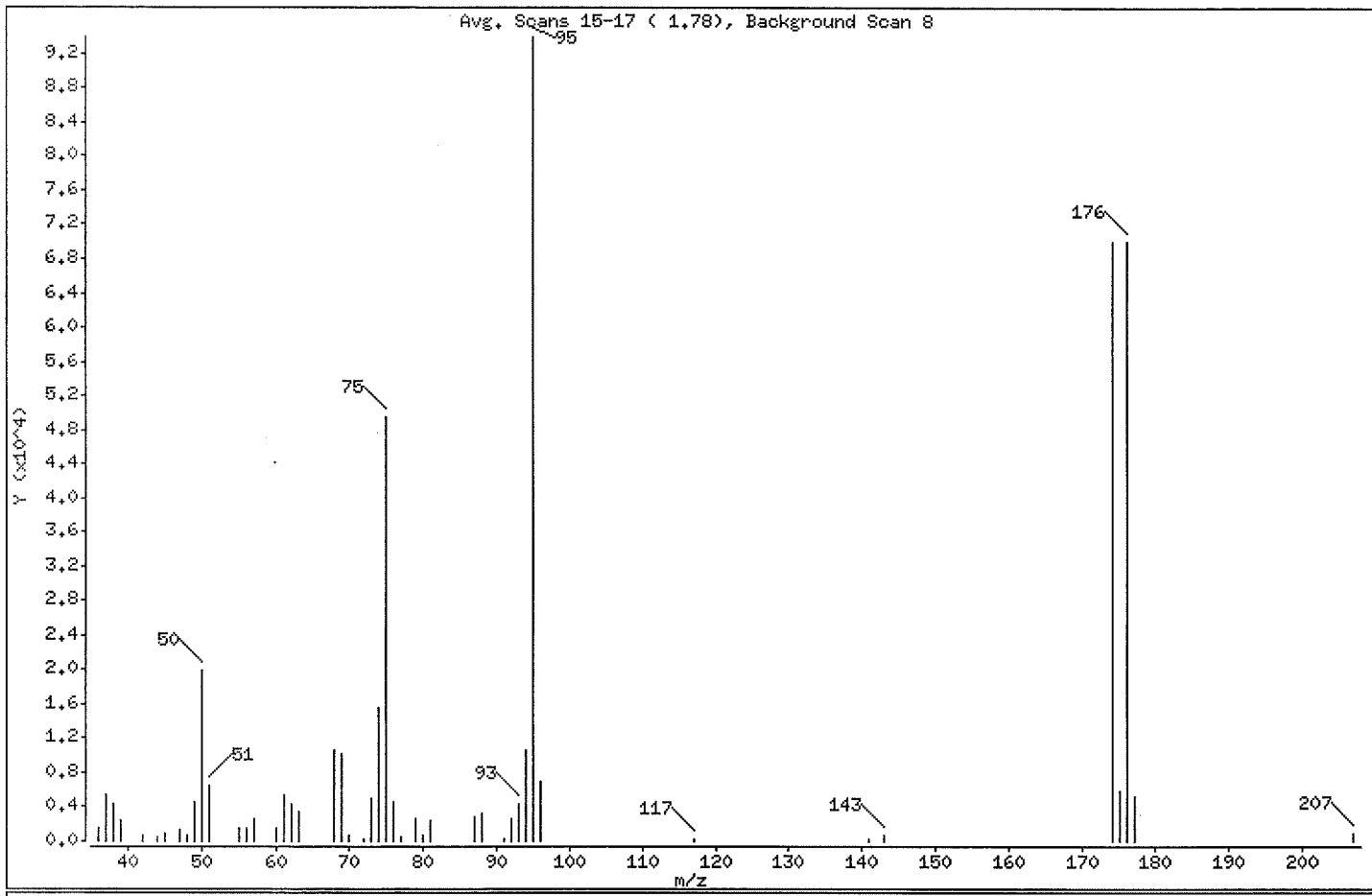
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

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	21.18
75	30.00 - 60.00% of mass 95	52.72
96	5.00 - 9.00% of mass 95	7.45
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	74.47
175	5.00 - 9.00% of mass 174	6.14 (8.25)
176	95.00 - 101.00% of mass 174	74.47 (100.01)
177	5.00 - 9.00% of mass 176	5.54 (7.45)

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\DT1557.D

Date : 02-OCT-2000 09:31

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: DT1557.D
Spectrum: Avg. Scans 15-17 (1.78), Background Scan 8
Location of Maximum: 95.00
Number of points: 47

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1446	55.00	1430	74.00	15477	94.00	10662
37.00	5463	56.00	1485	75.00	49504	95.00	93912
38.00	4345	57.00	2593	76.00	4455	96.00	6998
39.00	2313	60.00	1407	77.00	531	117.00	288
42.00	615	61.00	5501	79.00	2507	141.00	316
44.00	421	62.00	4240	80.00	647	143.00	540
45.00	913	63.00	3388	81.00	2377	174.00	69928
47.00	1289	68.00	10645	87.00	2796	175.00	5768
48.00	671	69.00	10239	88.00	3183	176.00	69936
49.00	4503	70.00	733	91.00	254	177.00	5207
50.00	19888	72.00	315	92.00	2557	207.00	814
51.00	6580	73.00	4925	93.00	4221		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2506.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m

Injection Date: 02-OCT-2000 09:44
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	0.60318	0.010	7.1	50.0	
	2 Vinyl chloride (*)	0.30351	0.27338	0.010	-9.9	20.0	
	3 Chloromethane (**)	0.28107	0.24013	0.100	-14.6	50.0	
	4 Bromomethane	0.21067	0.24024	0.010	14.0	50.0	
	5 Chloroethane	0.17437	0.18242	0.010	4.6	50.0	
	6 Trichlorofluoromethane	0.65783	0.80152	0.010	21.8	50.0	
	7 Acrolein	0.00836	0.01563	0.001	86.9	50.0	<-
	8 1,1-Dichloroethene(*)	0.27307	0.27726	0.010	1.5	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.42290	0.41236	0.010	-2.5	50.0	
	10 Acetone	0.07937	0.06566	0.010	-17.3	50.0	
	11 Iodomethane	0.52292	0.59571	0.001	13.9	50.0	
	12 Carbon disulfide	0.74165	0.62463	0.010	-15.8	50.0	
	13 Methylene chloride	0.29015	0.29671	0.010	2.3	50.0	
	14 t-Butanol	0.00825	0.00711	0.001	-13.8	20.0	
	15 trans-1,2-Dichloroethene	0.32153	0.31867	0.010	-0.9	50.0	
	16 Acrylonitrile	0.05148	0.05167	0.001	0.4	20.0	
	17 Methyl-tert-butyl ether[MTB	0.78108	0.77308	0.010	-1.0	50.0	
	18 1,1-Dichloroethane (**)	0.60641	0.58194	0.100	-4.0	50.0	
	19 Vinyl acetate	0.88553	0.81341	0.010	-8.1	50.0	
	20 Isopropyl ether	1.19346	1.05888	0.010	-11.3	20.0	
	21 2,2-Dichloropropane	0.60533	0.62053	0.010	2.5	50.0	
	22 Tert-butyl ethyl ether	1.04219	1.00521	0.010	-3.5	20.0	
	23 cis-1,2-Dichloroethene	0.33040	0.32819	0.010	-0.7	50.0	
	24 2-Butanone	0.14443	0.10884	0.010	-24.6	50.0	
	25 Bromochloromethane	0.20390	0.20636	0.010	1.2	50.0	
	26 Chloroform (*)	0.71863	0.74589	0.010	3.8	20.0	
	27 Tetrahydrofuran	0.09748	0.08657	0.010	-11.2	50.0	
M	28 1,2-Dichloroethene (total)	0.32597	0.32343	0.010	-0.8	50.0	
$	29 Dibromofluoromethane	0.67741	0.68208	0.010	0.7	50.0	
	30 1,1,1-Trichloroethane	0.71765	0.77537	0.010	8.0	50.0	
	31 Carbon Tetrachloride	0.66685	0.73963	0.010	10.9	50.0	
	32 1,1-Dichloropropene	0.59264	0.57505	0.010	-3.0	50.0	
$	33 1,2-Dichloroethane-d4	0.49877	0.49307	0.010	-1.1	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.10647	0.09940	0.010	-6.6	50.0	
	35 Benzene	0.92594	0.85611	0.010	-7.5	50.0	

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 02-OCT-2000 09:44
Lab File ID: DS2506.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\1002AD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	36 1,2-Dichloroethane	0.54805	0.55959	0.010	2.1	50.0
	37 Tert-amyl methyl ether	0.97734	0.93352	0.010	-4.5	20.0
	39 Trichloroethene	0.46397	0.46507	0.010	0.2	50.0
	40 1,2-Dichloropropane(*)	0.40119	0.36431	0.010	-9.2	20.0
	41 Dibromomethane	0.33695	0.32846	0.010	-2.5	50.0
	42 Bromodichloromethane	0.72430	0.73162	0.010	1.0	50.0
	43 1-Bromo-2-chloroethane	0.82543	0.88176	0.010	6.8	50.0
	44 2-Chloroethylvinyl ether	0.05358	0.05069	0.010	-5.4	20.0
	45 cis-1,3-Dichloropropene	0.60537	0.57086	0.010	-5.7	50.0
	46 4-Methyl-2-pentanone	0.39818	0.30943	0.010	-22.3	50.0
$	47 Toluene-d8	1.10798	1.10707	0.010	-0.1	50.0
	48 Toluene (*)	1.17385	1.21984	0.010	3.9	20.0
	49 trans-1,3-Dichloropropene	0.57547	0.60816	0.010	5.7	50.0
	50 1,1,2-Trichloroethane	0.38581	0.41817	0.010	8.4	50.0
	51 Tetrachloroethene	0.47633	0.53910	0.010	13.2	50.0
	52 1,3-Dichloropropane	0.65108	0.66965	0.010	2.9	50.0
	53 2-Hexanone	0.30576	0.26504	0.010	-13.3	50.0
	54 Dibromochloromethane	0.65183	0.74876	0.010	14.9	50.0
	55 1,2-Dibromoethane	0.58136	0.62224	0.010	7.0	50.0
	57 Chlorobenzene (**)	0.92094	0.96056	0.300	4.3	50.0
	58 1,1,1,2-Tetrachloroethane	0.51863	0.59200	0.010	14.1	50.0
	59 Ethylbenzene (*)	0.44443	0.47280	0.010	6.4	20.0
	60 m,p-Xylenes	0.55763	0.58942	0.010	5.7	50.0
	61 o-Xylene	0.54781	0.57365	0.010	4.7	50.0
	62 Styrene	0.89369	0.95114	0.010	6.4	50.0
M	63 Xylenes (total)	0.55436	0.58416	0.010	5.4	50.0
	64 Bromoform (**)	0.54541	0.61384	0.100	12.5	50.0
	65 Isopropylbenzene	1.68425	1.80844	0.010	7.4	50.0
	66 4-Bromofluorobenzene-2nd	0.95373	0.90407	0.010	-5.2	50.0
$	67 4-Bromofluorobenzene	1.37943	1.27490	0.010	-7.6	50.0
	68 Bromobenzene	0.78073	0.82651	0.010	5.9	50.0
	69 1,1,2,2-Tetrachloroethane(*	0.95770	0.94226	0.300	-1.6	50.0
	70 1,2,3-Trichloropropane	0.30263	0.32473	0.010	7.3	50.0
	71 n-Propylbenzene	2.66197	2.90416	0.010	9.1	50.0
	72 2-Chlorotoluene	0.60475	0.62952	0.010	4.1	50.0
	73 4-Chlorotoluene	0.62594	0.68247	0.010	9.0	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 02-OCT-2000 09:44
Lab File ID: DS2506.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\1002AD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08115	2.18055	0.010	4.8	50.0
75 tert-Butylbenzene	2.14430	2.20047	0.010	2.6	50.0
76 1,2,4-Trimethylbenzene	2.11445	2.17787	0.010	3.0	50.0
77 sec-Butylbenzene	2.93236	2.90582	0.010	-0.9	50.0
78 1,3-Dichlorobenzene	1.33156	1.34450	0.010	1.0	50.0
80 1,4-Dichlorobenzene	1.43001	1.52919	0.010	6.9	50.0
81 p-Isopropyltoluene	2.32796	2.37540	0.010	2.0	50.0
82 1,2-Dichlorobenzene	1.27328	1.33662	0.010	5.0	50.0
83 n-Butylbenzene	2.32871	2.26720	0.010	-2.6	50.0
84 1,2-Dibromo-3-chloropropane	0.31695	0.31104	0.010	-1.9	50.0
85 1,2,4-Trichlorobenzene	1.15224	1.17607	0.010	2.1	50.0
86 Hexachlorobutadiene	0.88170	0.85998	0.010	-2.5	50.0
87 Napthalene	1.95521	1.85096	0.010	-5.3	50.0
88 1,2,3-Trichlorobenzene	1.08125	1.08736	0.010	0.6	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2506.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Misc Info: 1239-1,,5,,2,all.SUB

Calibration Date: 02-OCT-2000
Calibration Time: 08:17

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1340064	670032	2680128	1511324	12.78
56 Chlorobenzene-d5	1304347	652174	2608694	1290848	-1.03
79 1,4-Dichlorobenze	952631	476316	1905262	900086	-5.52

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.10	0.08
56 Chlorobenzene-d5	12.62	12.12	13.12	12.61	-0.03
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.26	-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 Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1002AD.B/DS2506.D
Inj. Date : 02-OCT-2000 09:44

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	7.10	0.00	1312731	1511324	115.1%
Chlorobenzene-d5	12.62	12.61	0.01	1398955	1290848	92.3%
1,4-Dichlorobenzene-d4	17.27	17.26	0.01	1008220	900086	89.3%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002AD.B\DS2506.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 02-OCT-2000 09:44
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1239-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 10:09 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	1.470	1.470	(0.207)	911595	50.0000	53.55
2 Vinyl chloride (*)	62	1.697	1.697	(0.239)	413173	50.0000	45.04
3 Chloromethane (**)	50	1.638	1.638	(0.231)	362914	50.0000	42.72
4 Bromomethane	94	1.973	1.973	(0.278)	363079	50.0000	57.02
5 Chloroethane	64	2.071	2.071	(0.292)	275697	50.0000	52.31
6 Trichlorofluoromethane	101	2.298	2.298	(0.324)	1211354	50.0000	60.92
7 Acrolein	56	2.702	2.702	(0.381)	236146	500.000	934.5(AQ)
8 1,1-Dichloroethene(*)	96	2.791	2.791	(0.393)	419026	50.0000	50.77
9 1,1,2-Trichlorotrifluoroethan	151	2.800	2.800	(0.395)	623212	50.0000	48.75
10 Acetone	43	2.879	2.879	(0.406)	496188	250.000	206.8
11 Iodomethane	142	2.938	2.938	(0.414)	1800616	100.000	113.9(A)
12 Carbon disulfide	76	3.007	3.007	(0.424)	944013	50.0000	42.11
13 Methylene chloride	84	3.332	3.332	(0.470)	448429	50.0000	51.13
14 t-Butanol	59	2.574	2.574	(0.363)	268571	1250.00	1078(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	3.677	3.677	(0.518)	481618	50.0000	49.56
	16 Acrylonitrile	53	3.667	3.667	(0.517)	780857	500.000	501.8(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.707	3.707	(0.522)	1168378	50.0000	49.49
	18 1,1-Dichloroethane (**)	63	4.268	4.268	(0.602)	879504	50.0000	47.98
	19 Vinyl acetate	43	4.396	4.396	(0.620)	2458639	100.000	91.85
	20 Isopropyl ether	45	4.446	4.446	(0.627)	1600311	50.0000	44.36
	21 2,2-Dichloropropane	77	5.165	5.165	(0.728)	937829	50.0000	51.26
	22 Tert-butyl ethyl ether	59	5.007	5.007	(0.706)	1519192	50.0000	48.22
	23 cis-1,2-Dichloroethene	96	5.175	5.175	(0.729)	496004	50.0000	49.66
	24 2-Butanone	43	5.273	5.273	(0.743)	822436	250.000	188.4
	25 Bromochloromethane	128	5.559	5.559	(0.783)	311883	50.0000	50.60
	26 Chloroform (*)	83	5.726	5.726	(0.807)	1127286	50.0000	51.90
	27 Tetrahydrofuran	42	5.677	5.677	(0.800)	130838	50.0000	44.41
M	28 1,2-Dichloroethene (total)	100				977623	100.000	99.22
$	29 Dibromofluoromethane	111	5.992	5.992	(0.844)	1030845	50.0000	50.34
	30 1,1,1-Trichloroethane	97	5.973	5.973	(0.842)	1171841	50.0000	54.02
	31 Carbon Tetrachloride	117	6.239	6.239	(0.879)	1117814	50.0000	55.46
	32 1,1-Dichloropropene	75	6.258	6.258	(0.882)	869082	50.0000	48.52
$	33 1,2-Dichloroethane-d4	65	6.524	6.524	(0.919)	745183	50.0000	49.43
	34 1,2-Dichloroethane-d4 2nd	102	6.534	6.534	(0.921)	150220	50.0000	46.68
	35 Benzene	78	6.603	6.603	(0.931)	1293856	50.0000	46.23
	36 1,2-Dichloroethane	62	6.653	6.653	(0.938)	845715	50.0000	51.05
	37 Tert-amyl methyl ether	73	6.899	6.899	(0.972)	1410845	50.0000	47.76
*	38 Fluorobenzene	96	7.096	7.096	(1.000)	1511324	50.0000	
	39 Trichloroethene	130	7.736	7.736	(1.090)	702869	50.0000	50.12
	40 1,2-Dichloropropane(*)	63	8.120	8.120	(1.144)	550590	50.0000	45.40
	41 Dibromomethane	93	8.327	8.327	(1.174)	496407	50.0000	48.74
	42 Bromodichloromethane	83	8.662	8.662	(1.221)	1105710	50.0000	50.50
	43 1-Bromo-2-chloroethane	63	9.155	9.155	(1.290)	1332626	50.0000	53.41
	44 2-Chloroethylvinyl ether	106	9.273	9.273	(1.307)	153221	100.000	94.61(Q)
	45 cis-1,3-Dichloropropene	75	9.460	9.460	(1.333)	862761	50.0000	47.15
	46 4-Methyl-2-pentanone	43	9.805	9.805	(1.382)	2338245	250.000	194.3
$	47 Toluene-d8	98	9.924	9.924	(0.787)	1429062	50.0000	49.96
	48 Toluene (*)	91	10.042	10.042	(0.796)	1574626	50.0000	51.96
	49 trans-1,3-Dichloropropene	75	10.515	10.515	(0.834)	785046	50.0000	52.84
	50 1,1,2-Trichloroethane	97	10.840	10.840	(0.859)	539789	50.0000	54.19
	51 Tetrachloroethene	164	11.047	11.047	(0.876)	695901	50.0000	56.59
	52 1,3-Dichloropropane	76	11.125	11.125	(0.882)	864422	50.0000	51.43
	53 2-Hexanone	43	11.372	11.372	(0.902)	1710610	250.000	216.7
	54 Dibromochloromethane	129	11.539	11.539	(0.915)	966537	50.0000	57.44
	55 1,2-Dibromoethane	107	11.697	11.697	(0.927)	803215	50.0000	53.52
*	56 Chlorobenzene-d5	117	12.613	12.613	(1.000)	1290848	50.0000	
	57 Chlorobenzene (**)	112	12.662	12.662	(1.004)	1239931	50.0000	52.15
	58 1,1,1,2-Tetrachloroethane	131	12.859	12.859	(1.020)	764182	50.0000	57.07
	59 Ethylbenzene (*)	106	12.919	12.919	(1.024)	610317	50.0000	53.19
	60 m,p-Xylenes	106	13.175	13.175	(1.045)	1521712	100.000	105.7
	61 o-Xylene	106	13.924	13.924	(1.104)	740489	50.0000	52.36

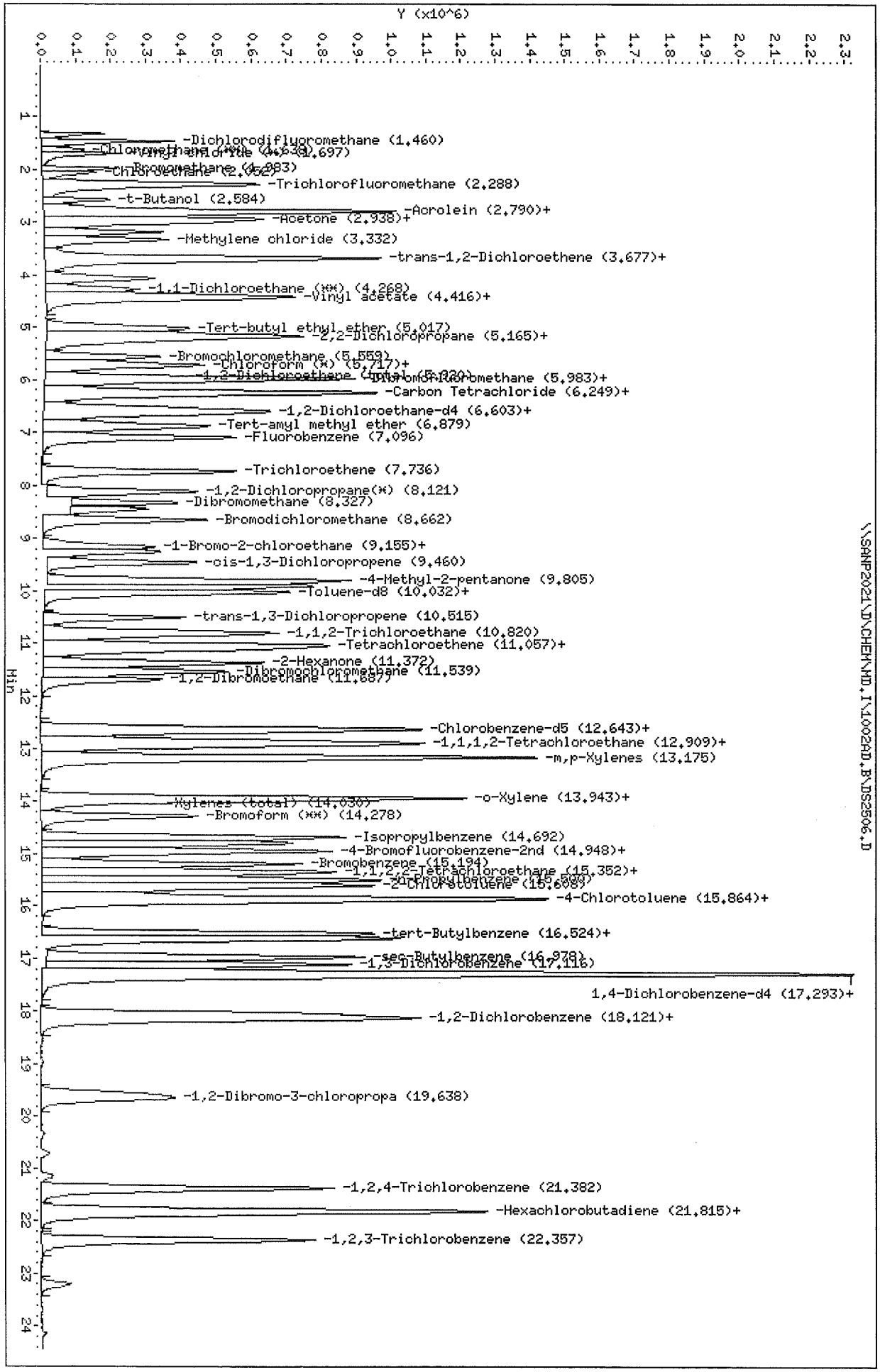
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.963	13.963	(1.107)	1227782	50.0000	53.21
M	63 Xylenes (total)	100				2262201	150.000	158.0
	64 Bromoform (**)	173	14.278	14.278	(1.132)	792377	50.0000	56.27
	65 Isopropylbenzene	105	14.692	14.692	(1.165)	2334426	50.0000	53.69
	66 4-Bromofluorobenzene-2nd	174	14.948	14.948	(0.866)	813741	50.0000	47.40
$	67 4-Bromofluorobenzene	95	14.948	14.948	(0.866)	1147520	50.0000	46.21
	68 Bromobenzene	156	15.204	15.204	(0.881)	743934	50.0000	52.93
	69 1,1,2,2-Tetrachloroethane(**)	83	15.332	15.332	(0.888)	848115	50.0000	49.19
	70 1,2,3-Trichloropropane	110	15.362	15.362	(0.890)	292283	50.0000	53.65
	71 n-Propylbenzene	91	15.510	15.510	(0.898)	2613991	50.0000	54.55
	72 2-Chlorotoluene	126	15.618	15.618	(0.905)	566623	50.0000	52.05
	73 4-Chlorotoluene	126	15.845	15.845	(0.918)	614281	50.0000	54.52
	74 1,3,5-Trimethylbenzene	105	15.894	15.894	(0.921)	1962679	50.0000	52.39
	75 tert-Butylbenzene	119	16.524	16.524	(0.957)	1980611	50.0000	51.31
	76 1,2,4-Trimethylbenzene	105	16.633	16.633	(0.963)	1960273	50.0000	51.50
	77 sec-Butylbenzene	105	16.968	16.968	(0.983)	2615487	50.0000	49.55
	78 1,3-Dichlorobenzene	146	17.116	17.116	(0.991)	1210170	50.0000	50.48
*	79 1,4-Dichlorobenzene-d4	152	17.263	17.263	(1.000)	900086	50.0000	
	80 1,4-Dichlorobenzene	146	17.313	17.313	(1.003)	1376404	50.0000	53.47
	81 p-Isopropyltoluene	119	17.303	17.303	(1.002)	2138068	50.0000	51.02
	82 1,2-Dichlorobenzene	146	18.052	18.052	(1.046)	1203073	50.0000	52.49
	83 n-Butylbenzene	91	18.130	18.130	(1.050)	2040675	50.0000	48.68
	84 1,2-Dibromo-3-chloropropane	157	19.677	19.677	(1.140)	279963	50.0000	49.07
	85 1,2,4-Trichlorobenzene	180	21.382	21.382	(1.239)	1058563	50.0000	51.03
	86 Hexachlorobutadiene	225	21.805	21.805	(1.263)	774053	50.0000	48.77
	87 Napthalene	128	21.845	21.845	(1.265)	1666027	50.0000	47.33
	88 1,2,3-Trichlorobenzene	180	22.367	22.367	(1.296)	978716	50.0000	50.28

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\1002AD.B\DS2506.D
Date : 02-OCT-2000 09:44
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\1002AD.B\D12634.D
Lab Smp Id: MB-1002AD Client Smp ID: D12634
Inj Date : 02-OCT-2000 10:58
Operator : GFB Inst ID: md.i
Smp Info : MB-1002AD,BLANK,2,,0,1,0,8260BDA.M,D12634
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.997	5.992	(0.846)	917545	48.5806	48.58
$ 33 1,2-Dichloroethane-d4	65	6.529	6.524	(0.921)	635647	45.7089	45.71
34 1,2-Dichloroethane-d4 2nd	102	6.538	6.534	(0.922)	121844	41.0447	41.04
36 1,2-Dichloroethane	62	7.090	6.653	(1.000)	27020	1.76830	1.77(aQ)
* 38 Fluorobenzene	96	7.090	7.096	(1.000)	1394059	50.0000	
$ 47 Toluene-d8	98	9.928	9.924	(0.787)	1328343	48.3067	48.31
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1240917	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.948	(0.866)	767918	45.6619	45.66
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	1085199	44.6143	44.61
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.263	(1.000)	881667	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\1002AD.B\D12634.D
Lab Smp Id: MB-1002AD Client Smp ID: D12634
Inj Date : 02-OCT-2000 10:58
Operator : GFB Inst ID: md.i
Smp Info : MB-1002AD,BLANK,2,,0,1,0,8260BDA.M,D12634
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.090	3379970	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	657813	9.73104037	9.73	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

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

Client SDG: SDGa89669
Client Smp ID: D12634
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~~ alr	1.327	9.73	J

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12634.D

Date : 02-OCT-2000 10:58

Client ID: D12634

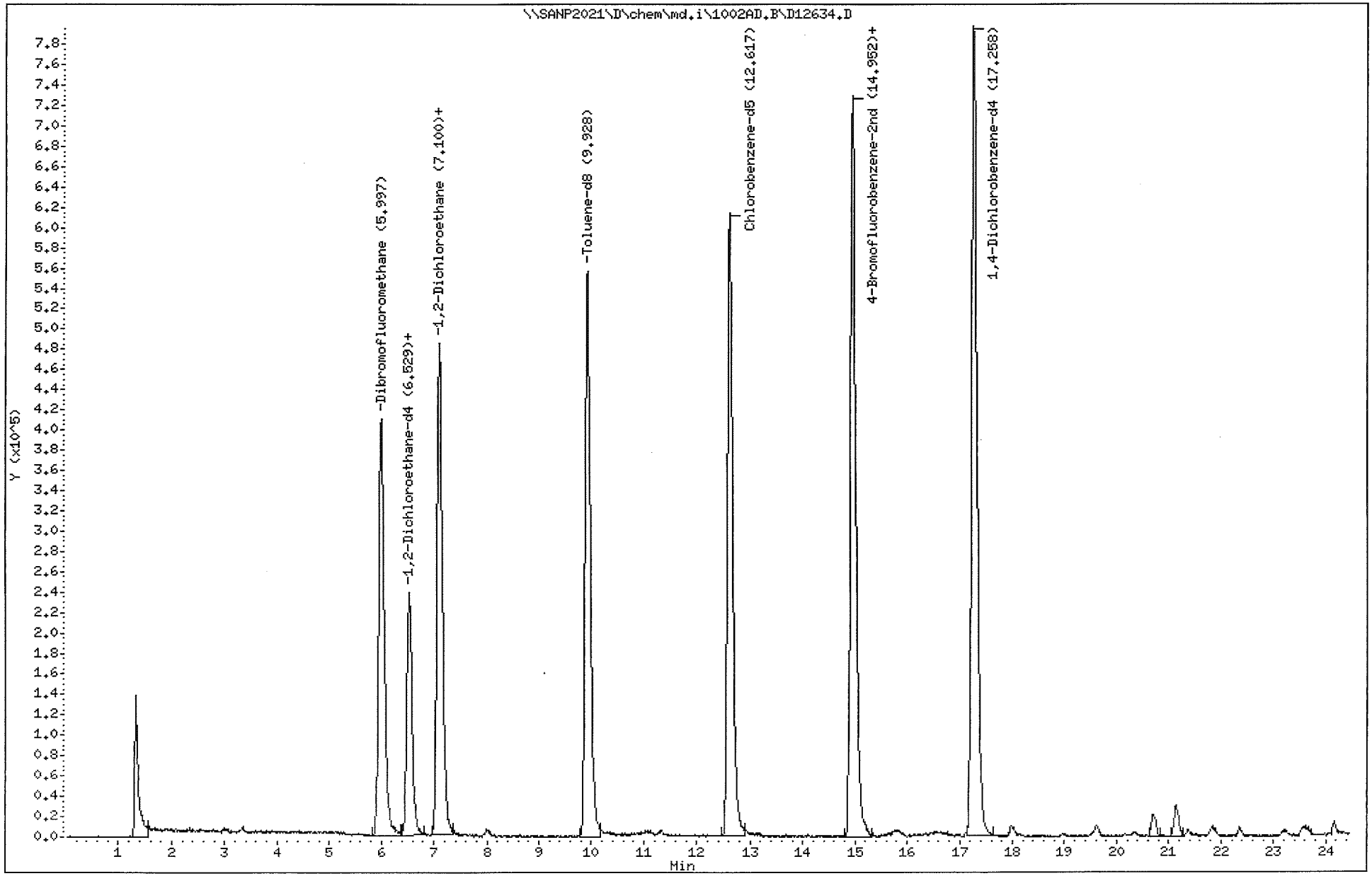
Sample Info: MB-1002AD,BLANK,2,,0,1,0,8260BDA.M,D12634

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000759

BOE-C6-0156300

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12634.D

Date : 02-OCT-2000 10:58

Client ID: D12634

Instrument: md.i

Sample Info: MB-1002AD,BLANK,2,,0,1,0,8260BDA.M,D12634

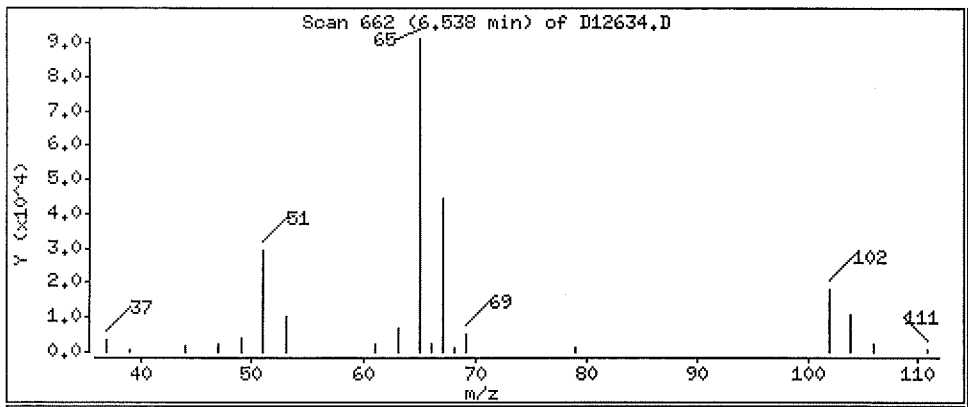
Operator: GFB

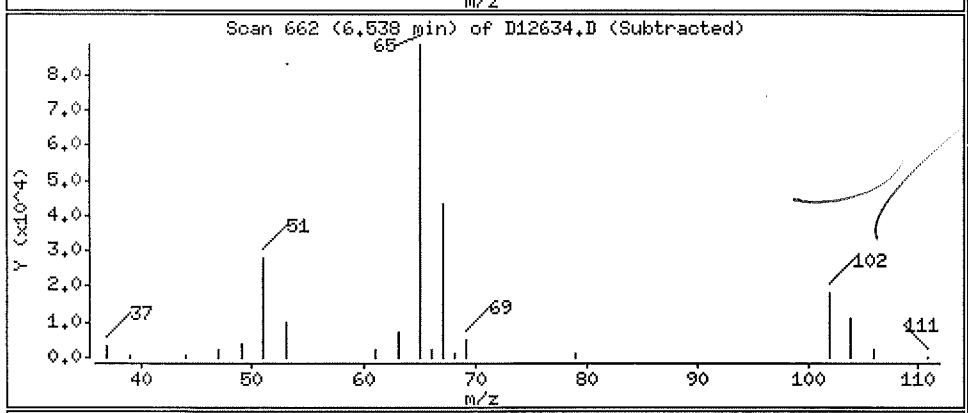
Column phase: J&W DB-624

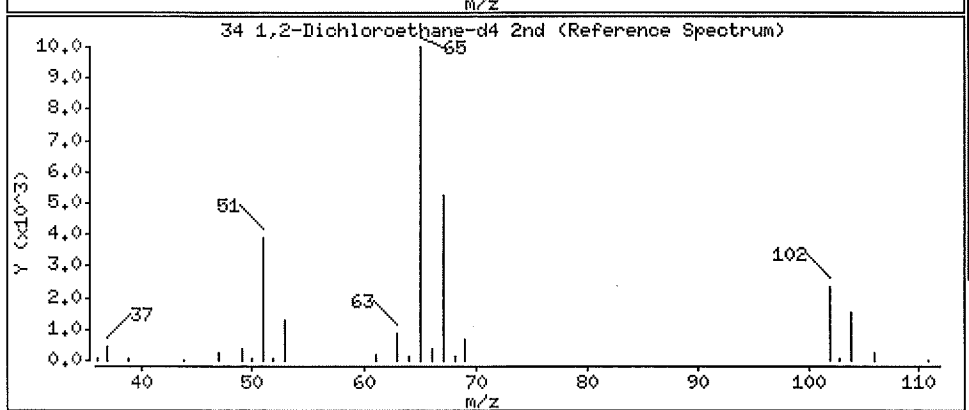
Column diameter: 0.53

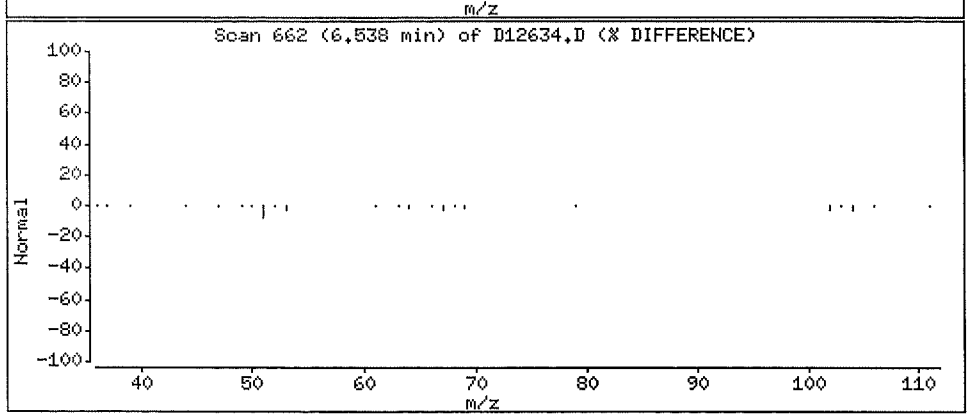
34 1,2-Dichloroethane-d4 2nd

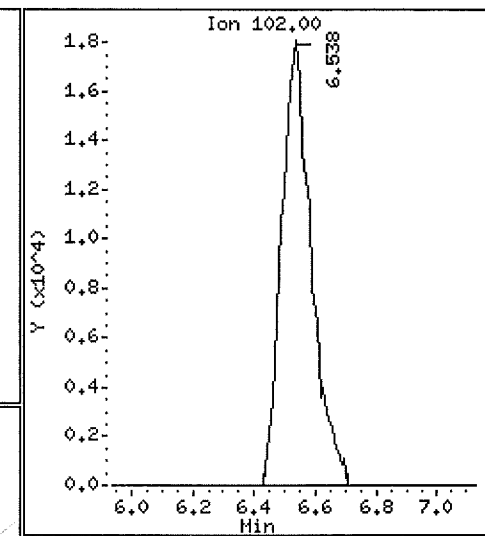
Concentration: 41.04 ug/Kg

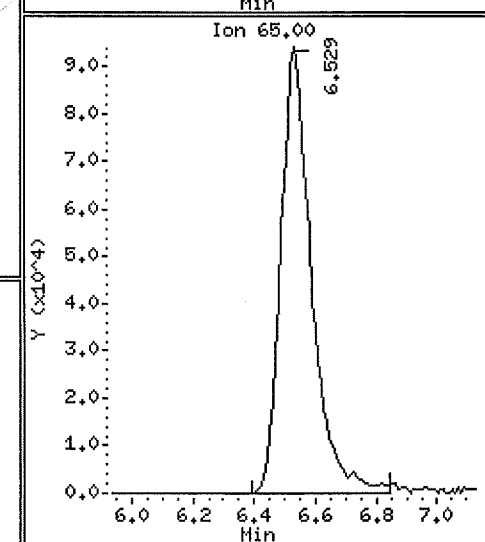












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12634.D

Date : 02-OCT-2000 10:58

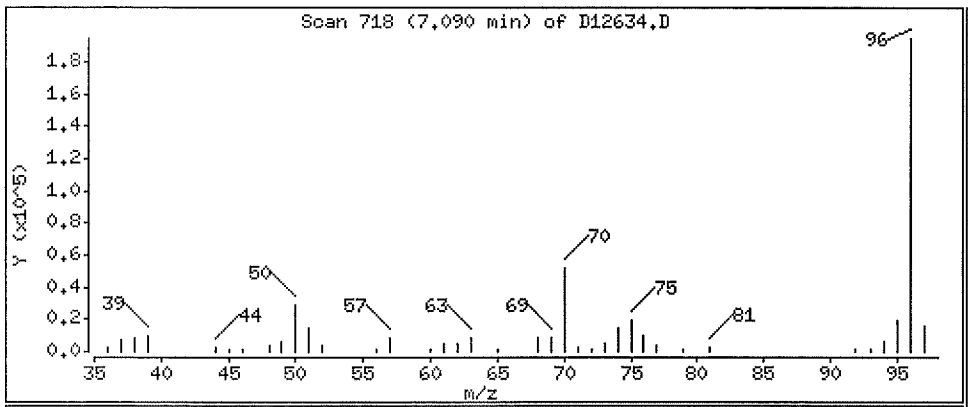
Client ID: D12634 Instrument: md.i

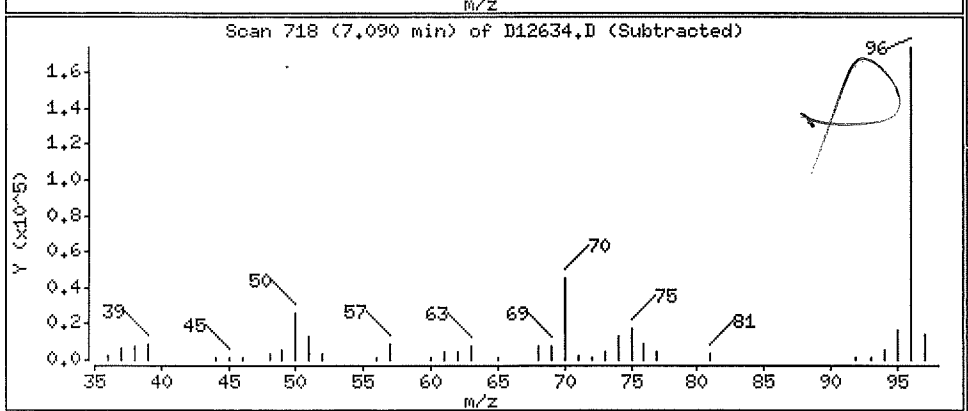
Sample Info: MB-1002AD,BLANK,2,,0,1,0,8260BDA.M,D12634

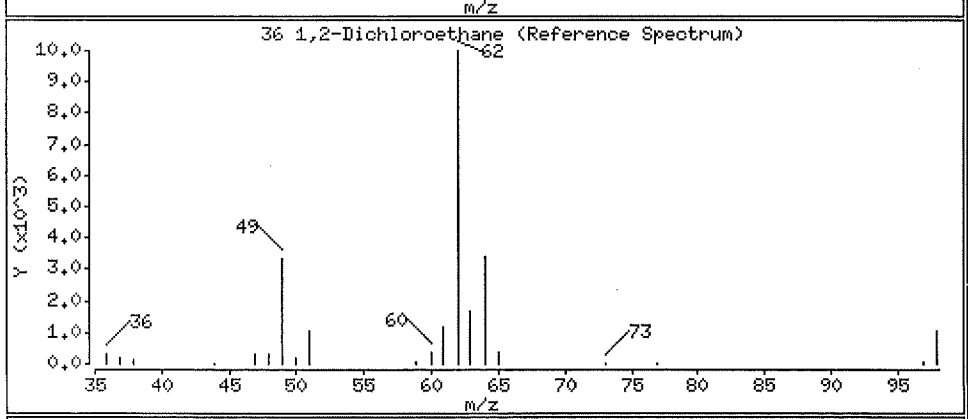
Operator: GFB

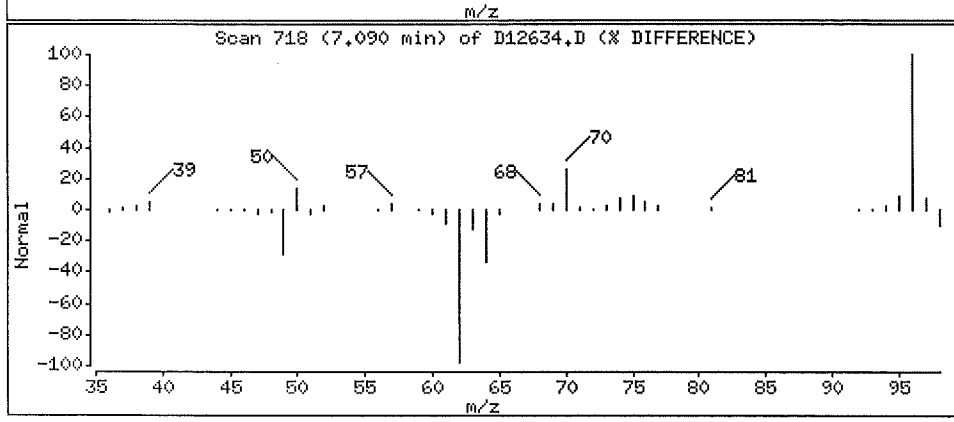
Column phase: J&W DB-624 Column diameter: 0.53

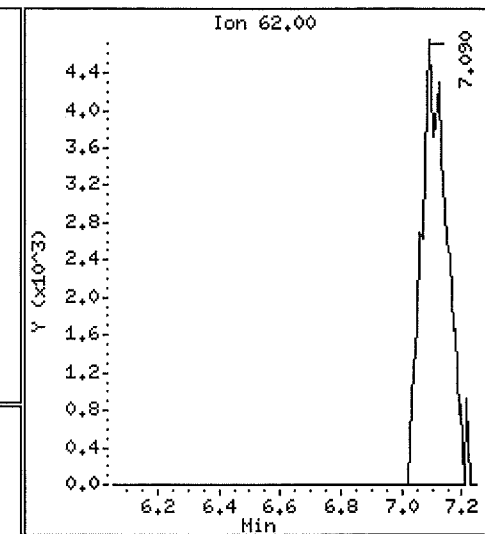
36 1,2-Dichloroethane Concentration: 1.77 ug/Kg

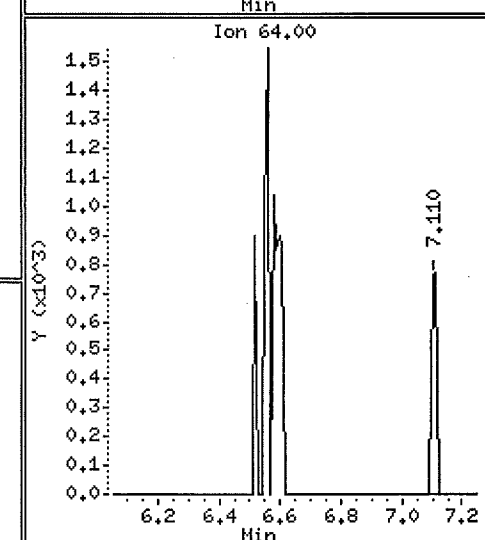


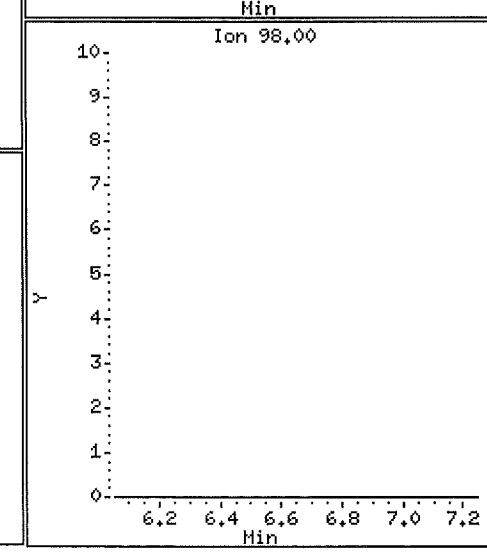












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12634.D

Date : 02-OCT-2000 10:58

Client ID: D12634

Instrument: md.i

Sample Info: MB-1002AD,BLANK,2,,0,1,0,8260BDA,M,D12634

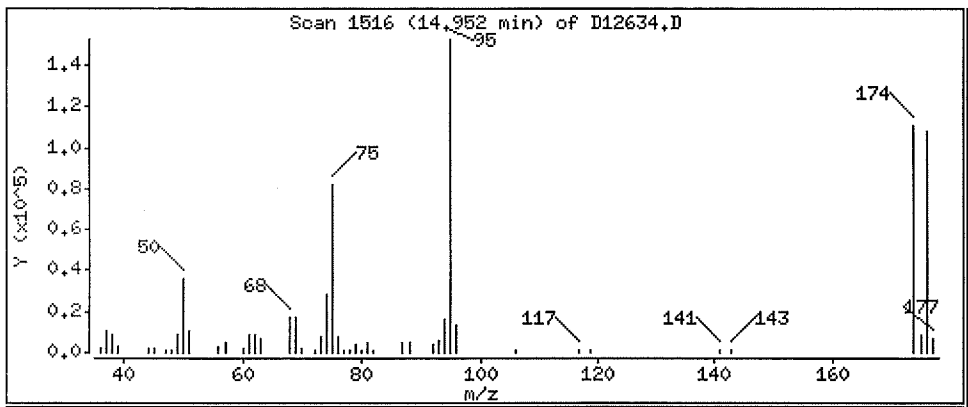
Operator: GFB

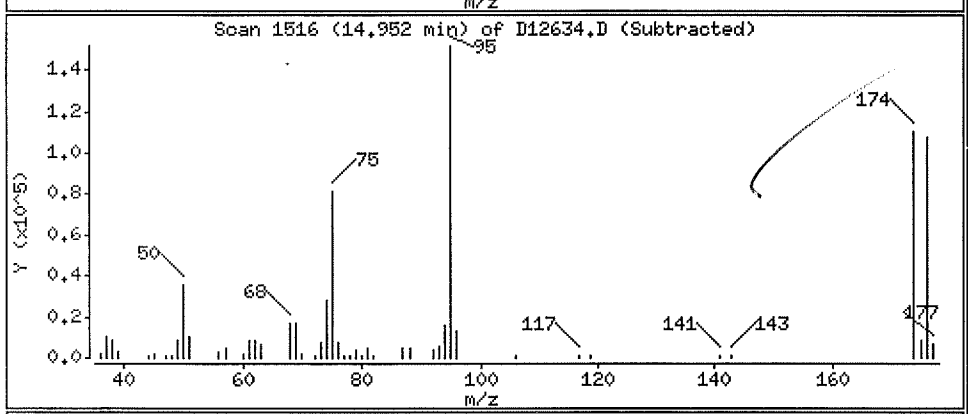
Column phase: J&W DB-624

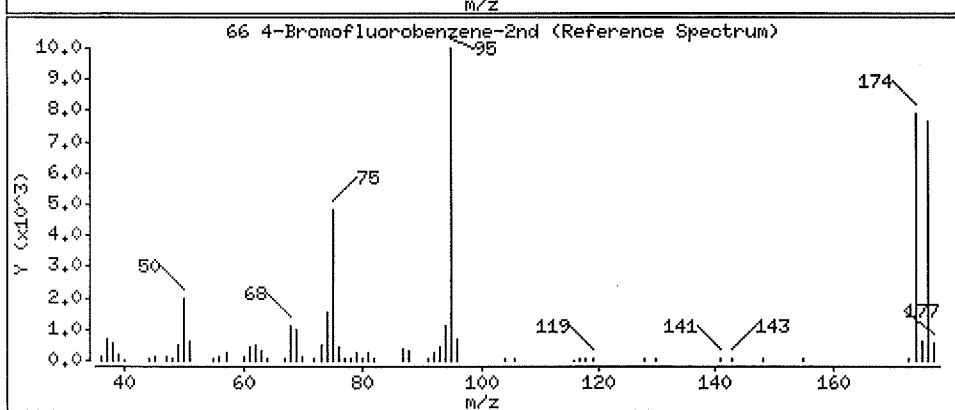
Column diameter: 0.53

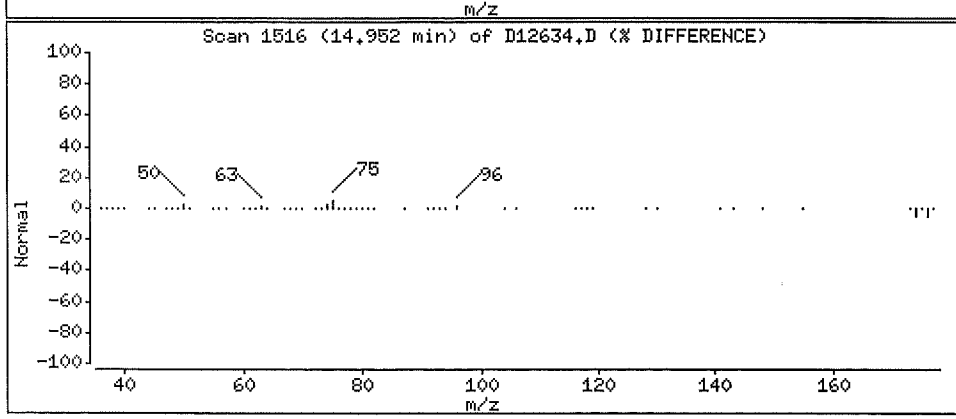
66 4-Bromofluorobenzene-2nd

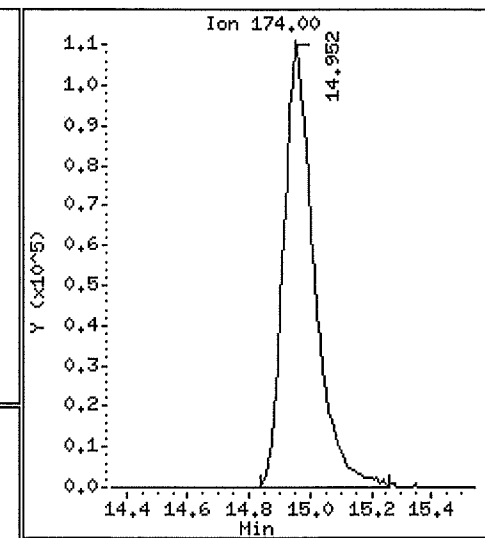
Concentration: 45.66 ug/Kg

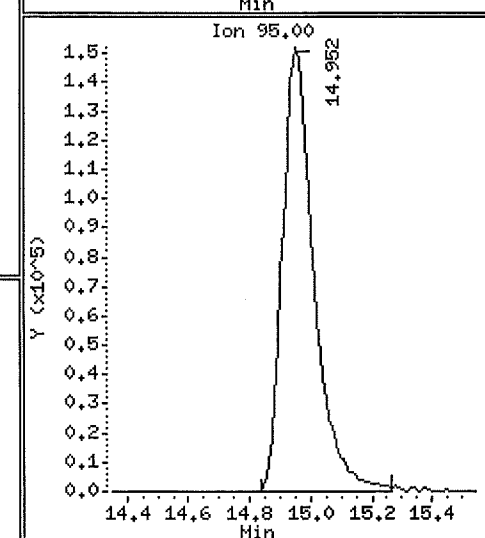


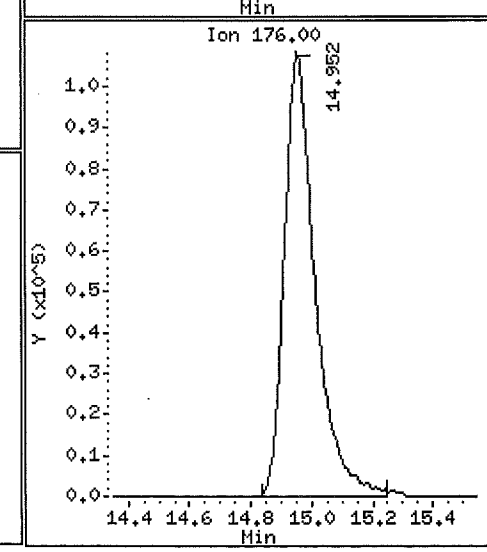












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12634.D

Date : 02-OCT-2000 10:58

Client ID: D12634

Instrument: md.i

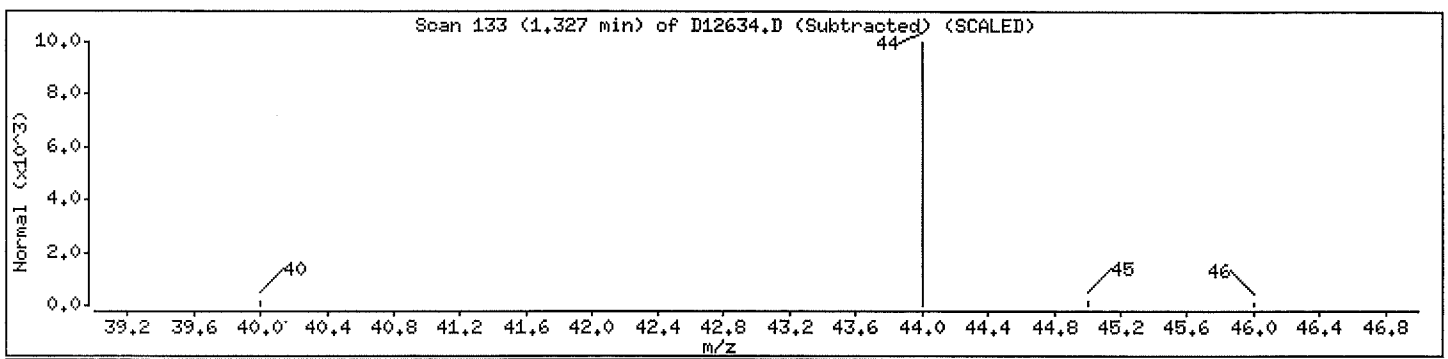
Sample Info: MB-1002AD,BLANK,2,,0,1,0,8260BDA.M,D12634

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\1002AD.B\D12633.D
Lab Smp Id: LCS-1002AD Client Smp ID: D12633
Inj Date : 02-OCT-2000 10:26
Operator : GFB Inst ID: md.i
Smp Info : LCS-1002AD,LCS,2,,0,1,0,8260BDA.M,D12633
Misc Info : 1235-2,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 10:09 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	2.790	2.791	(0.393)	380552	46.2188	46.22
$ 29 Dibromofluoromethane	111	5.992	5.992	(0.843)	1019053	49.8904	49.89
$ 33 1,2-Dichloroethane-d4	65	6.534	6.524	(0.920)	719263	47.8253	47.82
34 1,2-Dichloroethane-d4 2nd	102	6.534	6.534	(0.920)	143159	44.5920	44.59
35 Benzene	78	6.603	6.603	(0.929)	1201515	43.0347	43.03
* 38 Fluorobenzene	96	7.105	7.096	(1.000)	1507635	50.0000	
39 Trichloroethene	130	7.746	7.736	(1.090)	660166	47.1883	47.19
$ 47 Toluene-d8	98	9.923	9.924	(0.787)	1387185	48.8540	48.85
48 Toluene (*)	91	10.041	10.042	(0.796)	1485107	49.3675	49.37
* 56 Chlorobenzene-d5	117	12.613	12.613	(1.000)	1281369	50.0000	
57 Chlorobenzene (**)	112	12.672	12.662	(1.005)	1186197	50.2598	50.26
$ 67 4-Bromofluorobenzene	95	14.948	14.948	(0.866)	1151195	45.6063	45.61
66 4-Bromofluorobenzene-2nd	174	14.957	14.948	(0.866)	829169	47.5109	47.51
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.263	(1.000)	914942	50.0000	

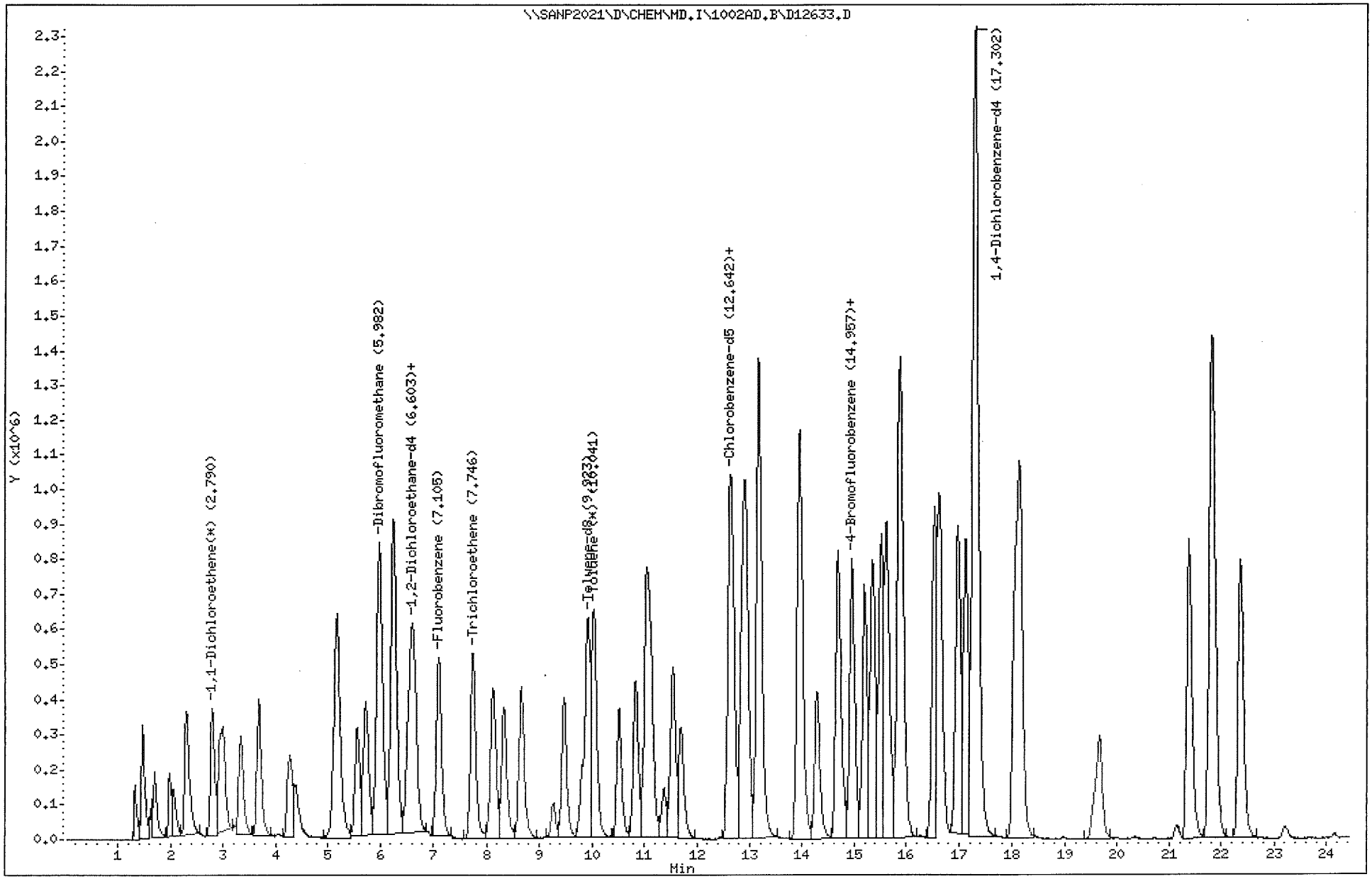
Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12633.D
Date : 02-OCT-2000 10:26
Client ID: D12633
Sample Info: LCS-1002AD,LCS,2,,0,1,0,8260BDA.M,D12633

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000765

BOE-C6-0156306

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002AD.B\D12645.D
Lab Smp Id: DL3GL10S Client Smp ID: D12645
Inj Date : 02-OCT-2000 16:49
Operator : GFB Inst ID: md.i
Smp Info : DL3GL10S,MS,2,,0,1,0,8260BDA.M,D12645
Misc Info : 285-18S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 10:09 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 14 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.789	2.791	(0.393)	320048	46.1061	46.11
$ 29 Dibromofluoromethane	111	6.001	5.992	(0.845)	893091	51.8627	51.86
$ 33 1,2-Dichloroethane-d4	65	6.533	6.524	(0.920)	605407	47.7480	47.75
34 1,2-Dichloroethane-d4 2nd	102	6.523	6.534	(0.918)	114023	42.1279	42.13
35 Benzene	78	6.592	6.603	(0.928)	993524	42.2092	42.21
* 38 Fluorobenzene	96	7.104	7.096	(1.000)	1271035	50.0000	
39 Trichloroethene	130	7.745	7.736	(1.090)	569783	48.3092	48.31
$ 47 Toluene-d8	98	9.932	9.924	(0.787)	1163929	48.3490	48.35
48 Toluene (*)	91	10.040	10.042	(0.795)	1214275	47.6097	47.61
* 56 Chlorobenzene-d5	117	12.622	12.613	(1.000)	1086373	50.0000	
57 Chlorobenzene (**)	112	12.671	12.662	(1.004)	978515	48.9020	48.90
$ 67 4-Bromofluorobenzene	95	14.967	14.948	(0.867)	979970	45.2001	45.20
66 4-Bromofluorobenzene-2nd	174	14.957	14.948	(0.866)	704275	46.9833	46.98
* 79 1,4-Dichlorobenzene-d4	152	17.272	17.263	(1.000)	785854	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12645.D

Date : 02-OCT-2000 16:49

Client ID: D12645

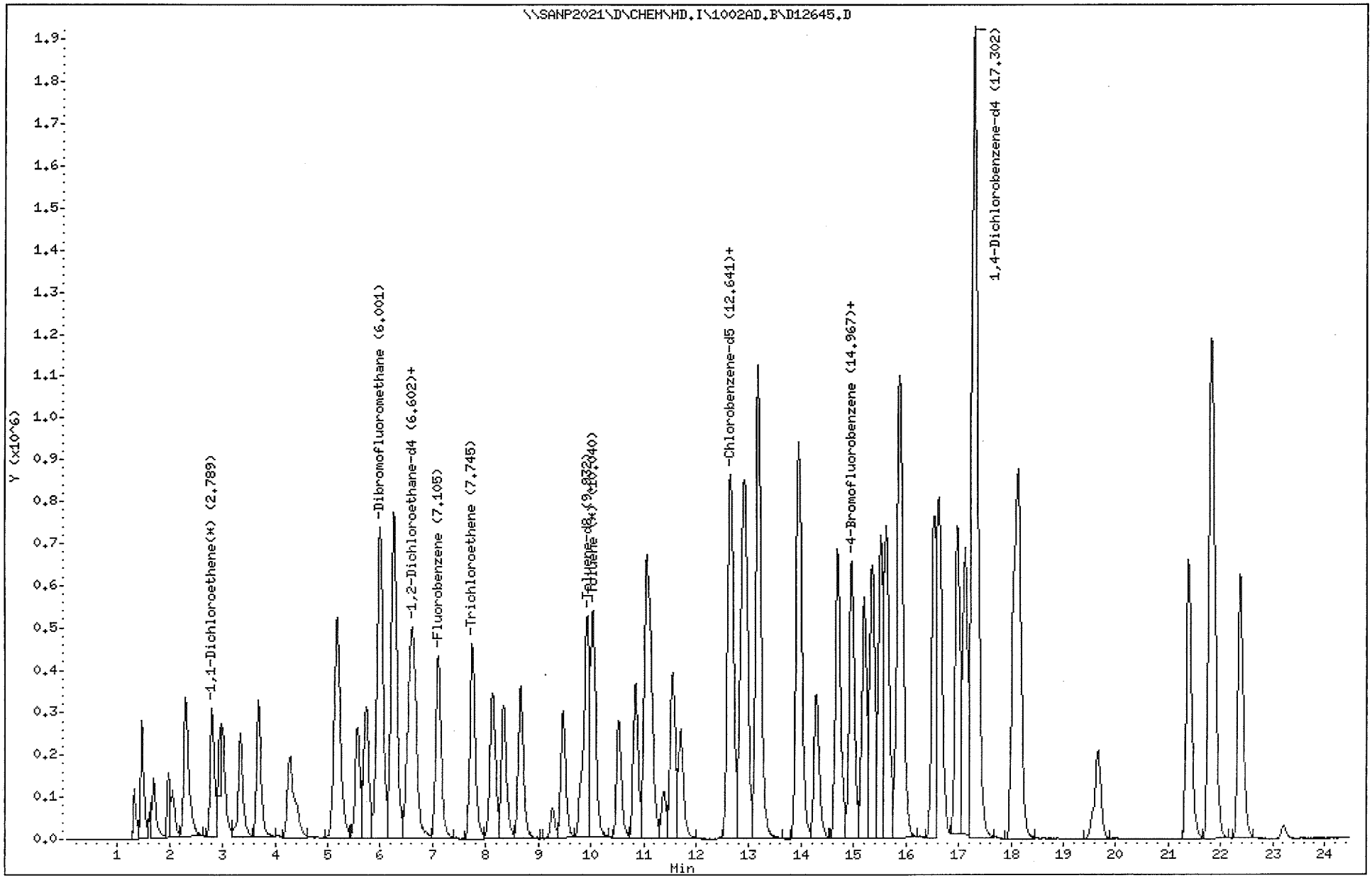
Sample Info: DL3GL10S,MS,2,,0,1,0,8260BDA.M,D12645

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000767

BOE-C6-0156308

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002AD.B\D12646.D
Lab Smp Id: DL3GL10D Client Smp ID: D12646
Inj Date : 02-OCT-2000 17:21
Operator : GFB Inst ID: md.i
Smp Info : DL3GL10D,MSD,2,,0,1,0,8260BDA.M,D12646
Misc Info : 285-18D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 10:09 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 15 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	2.789	2.791	(0.393)	313265	44.5224	44.52
$ 29 Dibromofluoromethane	111	5.992	5.992	(0.843)	836693	47.9344	47.93
$ 33 1,2-Dichloroethane-d4	65	6.524	6.524	(0.918)	611221	47.5586	47.56
34 1,2-Dichloroethane-d4 2nd	102	6.533	6.534	(0.920)	112401	40.9702	40.97
35 Benzene	78	6.593	6.603	(0.928)	978560	41.0146	41.01
* 38 Fluorobenzene	96	7.105	7.096	(1.000)	1288354	50.0000	
39 Trichloroethene	130	7.745	7.736	(1.090)	571640	47.8151	47.82
$ 47 Toluene-d8	98	9.923	9.924	(0.787)	1175925	47.8479	47.85
48 Toluene (*)	91	10.051	10.042	(0.797)	1224625	47.0332	47.03
* 56 Chlorobenzene-d5	117	12.612	12.613	(1.000)	1109063	50.0000	
57 Chlorobenzene (**)	112	12.671	12.662	(1.005)	977812	47.8671	47.87
$ 67 4-Bromofluorobenzene	95	14.957	14.948	(0.866)	994007	44.5579	44.56
66 4-Bromofluorobenzene-2nd	174	14.967	14.948	(0.867)	719204	46.6297	46.63
* 79 1,4-Dichlorobenzene-d4	152	17.272	17.263	(1.000)	808599	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12646.D

Date : 02-OCT-2000 17:21

Client ID: D12646

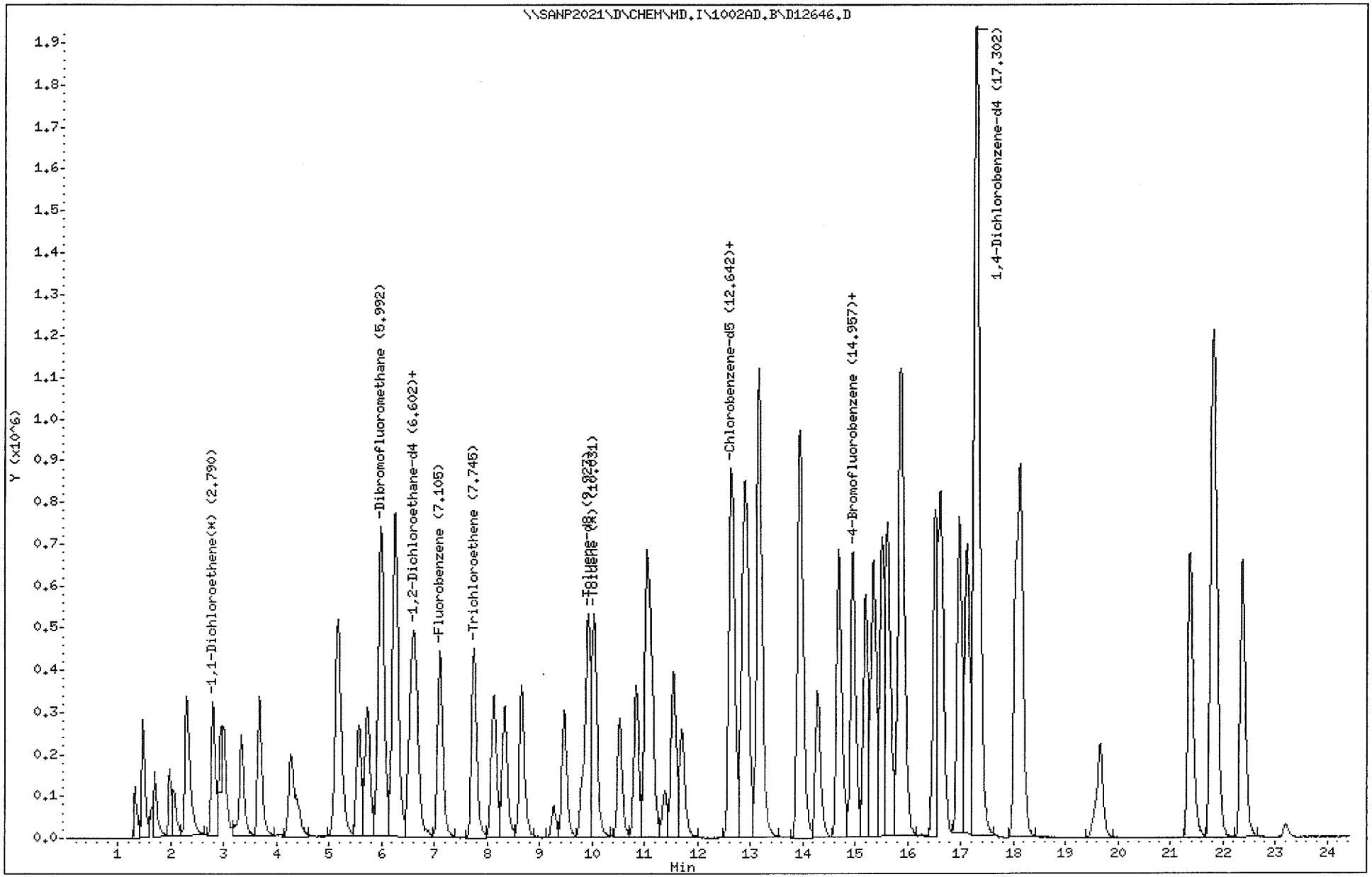
Sample Info: DL3GL10D,MSD,2,,0,1,0,8260BDA.M,D12646

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



BOE-C6-0156310

000769

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1002AD.B\D12635.D
Lab Smp Id: DL3GL101 Client Smp ID: D12635
Inj Date : 02-OCT-2000 11:30
Operator : GFB Inst ID: md.i
Smp Info : DL3GL101,,2,,0,1,0,8260BDA.M,D12635
Misc Info : E0I260285-18,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.987	5.992	(0.842)	869209	47.0113	47.01	
$ 33 1,2-Dichloroethane-d4	65	6.529	6.524	(0.918)	616176	45.2618	45.26	
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.534	(0.917)	114727	39.4788	39.48	
* 38 Fluorobenzene	96	7.110	7.096	(1.000)	1364705	50.0000		
$ 47 Toluene-d8	98	9.918	9.924	(0.787)	1269109	47.1985	47.20	
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1213418	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.962	14.948	(0.866)	729786	46.0788	46.08	
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	1031013	45.0085	45.01	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.263	(1.000)	830307	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\1002AD.B\D12635.D
Lab Smp Id: DL3GL101 Client Smp ID: D12635
Inj Date : 02-OCT-2000 11:30
Operator : GFB Inst ID: md.i
Smp Info : DL3GL101,,2,,0,1,0,8260BDA.M,D12635
Misc Info : E0I260285-18,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.110	3286832	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	736996	11.2113347	11.21	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GL101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12635
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	11.21	J

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12635.D

Date : 02-OCT-2000 11:30

Client ID: D12635

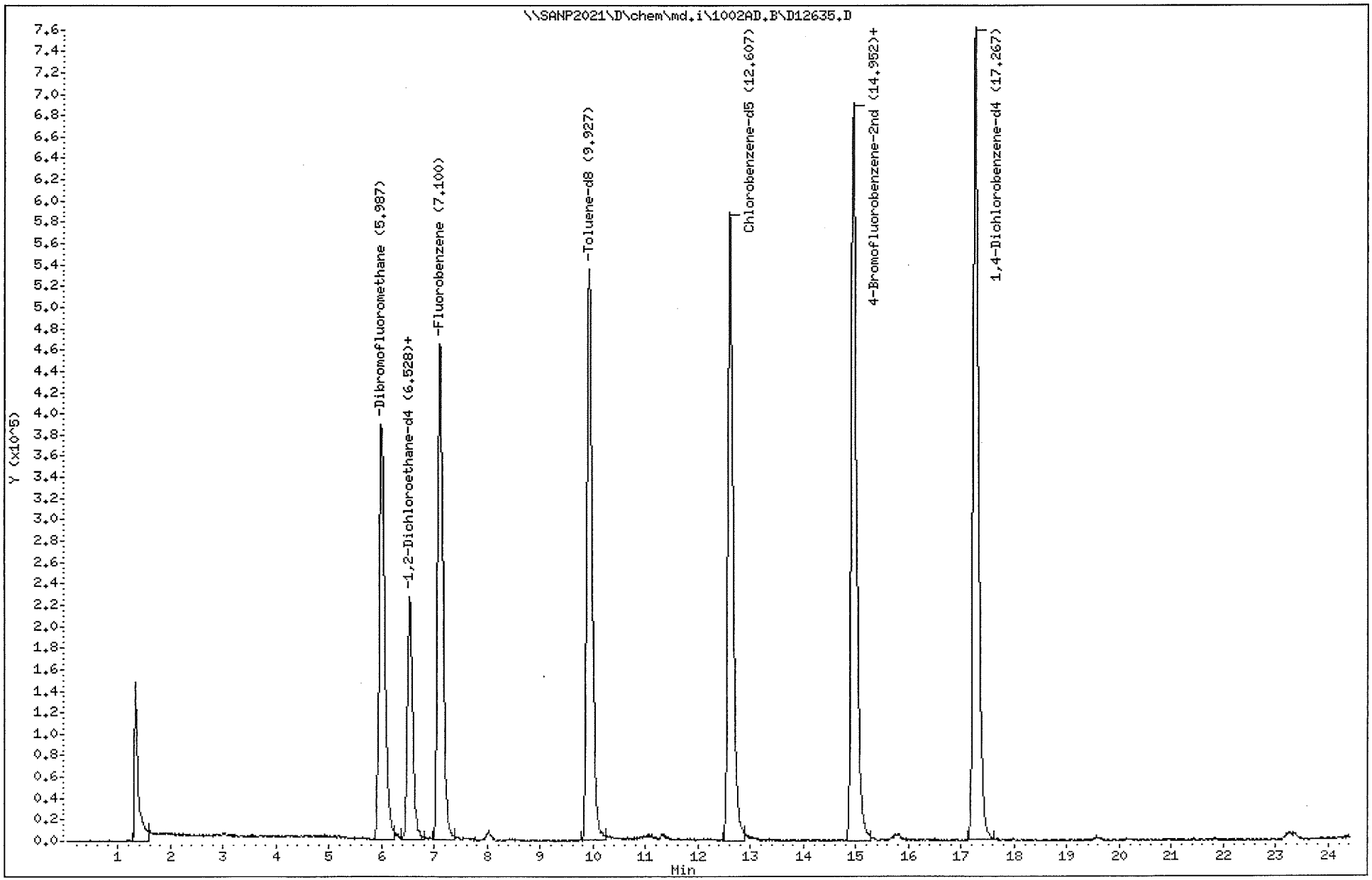
Sample Info: DL3GL101,,2,,0,1,0,8260BDA.M,D12635

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000773

BOE-C6-0156314

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12635.D

Date : 02-OCT-2000 11:30

Client ID: D12635

Instrument: md.i

Sample Info: DL3GL101,,2,,0,1,0,8260BDA,M,D12635

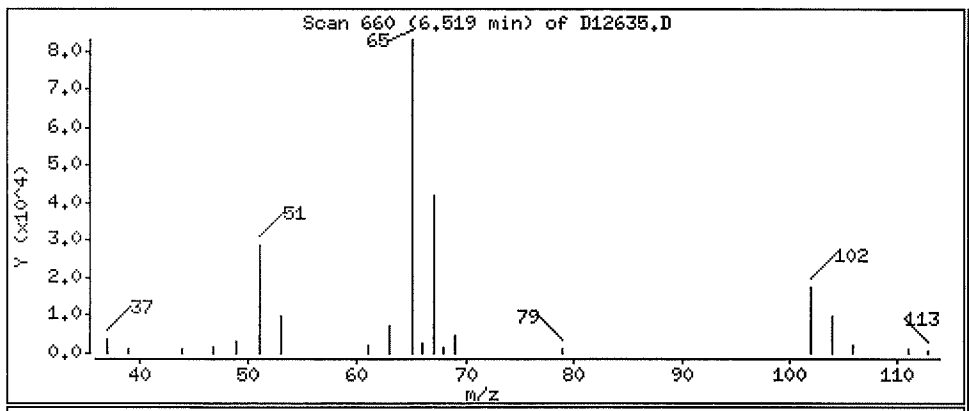
Operator: GFB

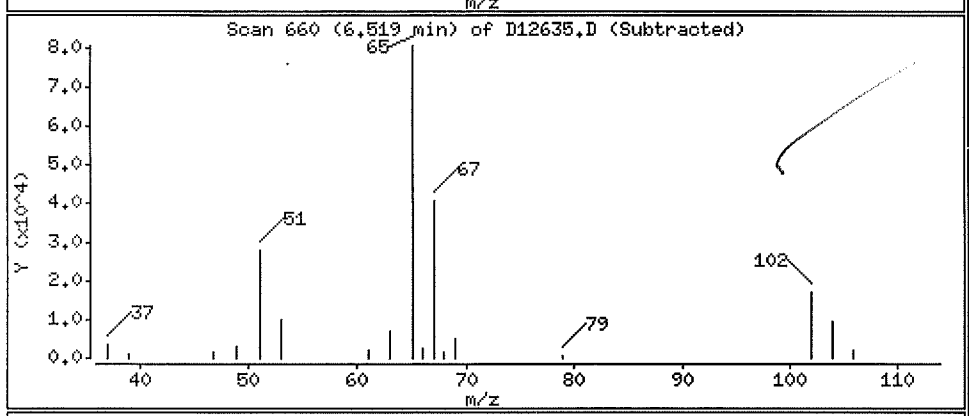
Column phase: J&W DB-624

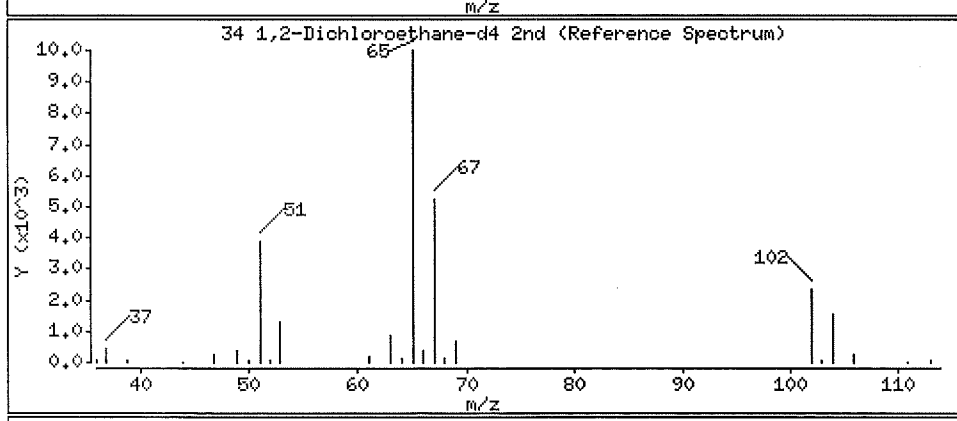
Column diameter: 0.53

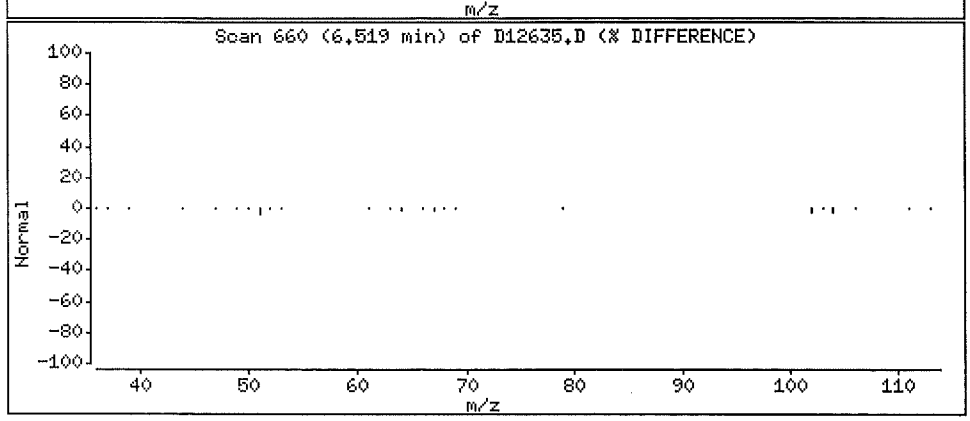
34 1,2-Dichloroethane-d4 2nd

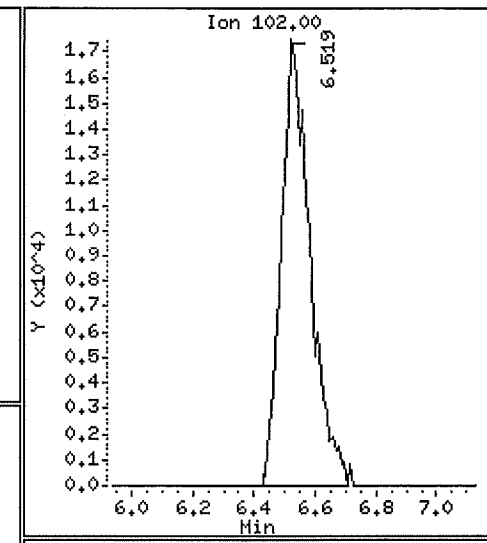
Concentration: 39.48 ug/Kg

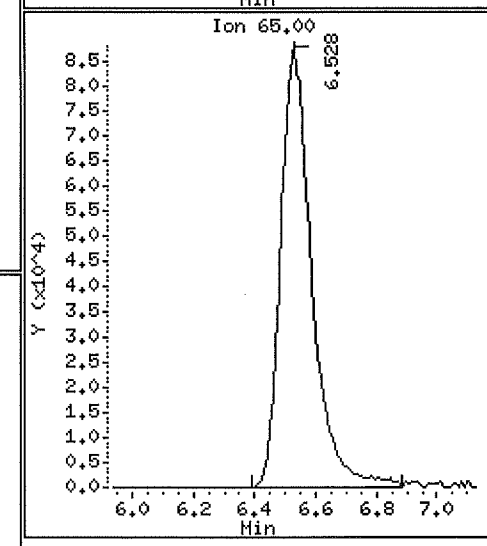












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12635.D

Date : 02-OCT-2000 11:30

Client ID: D12635

Instrument: md.i

Sample Info: DL3GL101,,2,,0,1,0,8260BDA.M,D12635

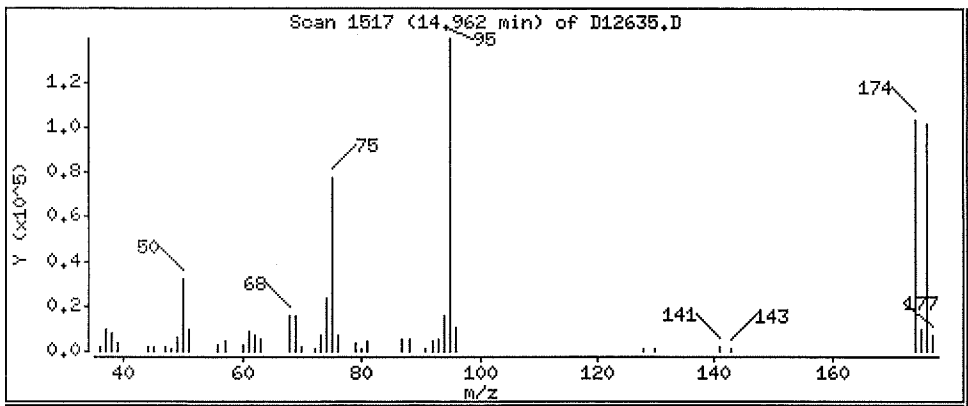
Operator: GFB

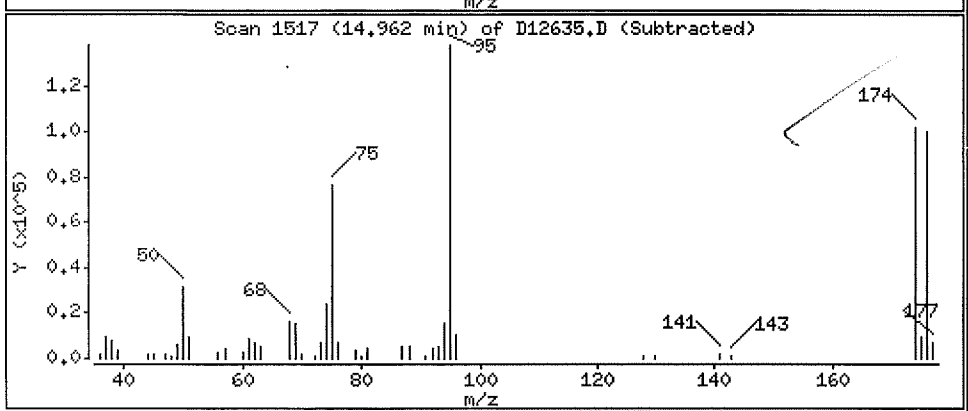
Column phase: J&W DB-624

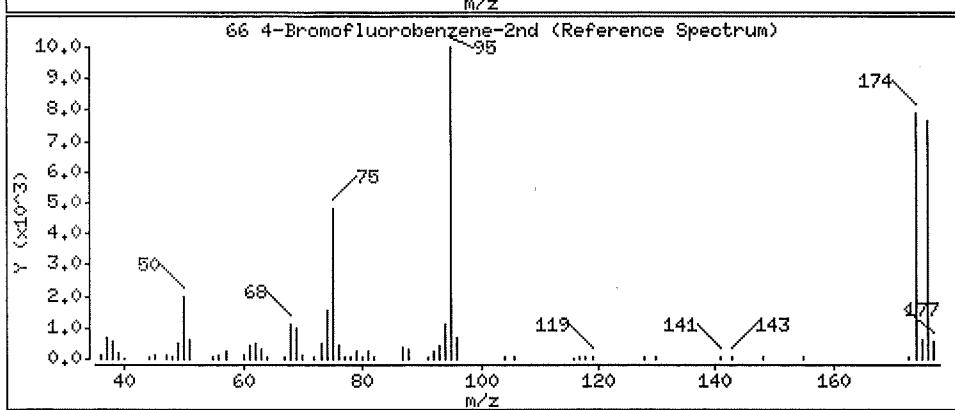
Column diameter: 0.53

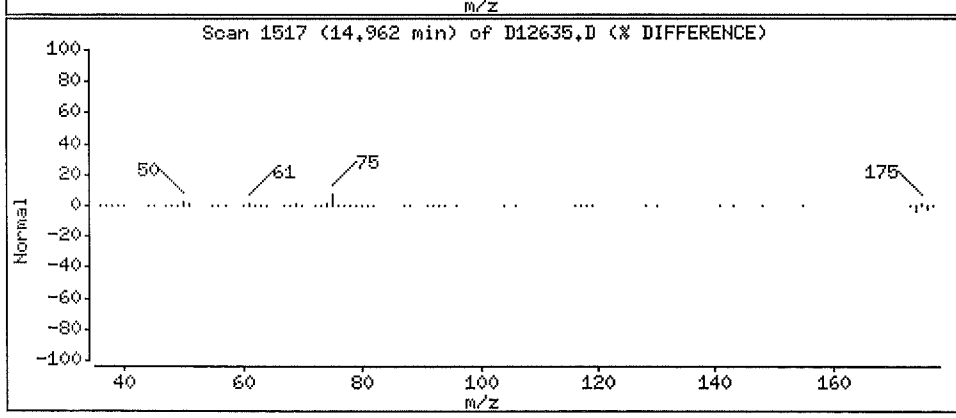
66 4-Bromofluorobenzene-2nd

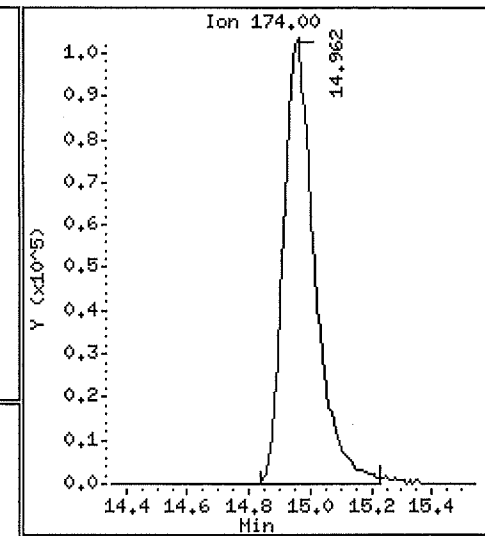
Concentration: 46.08 ug/Kg

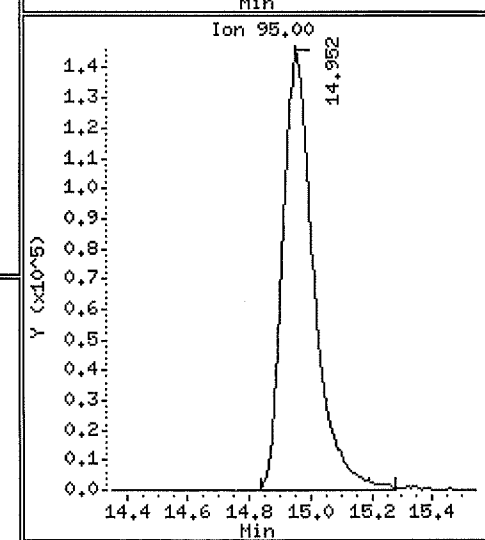


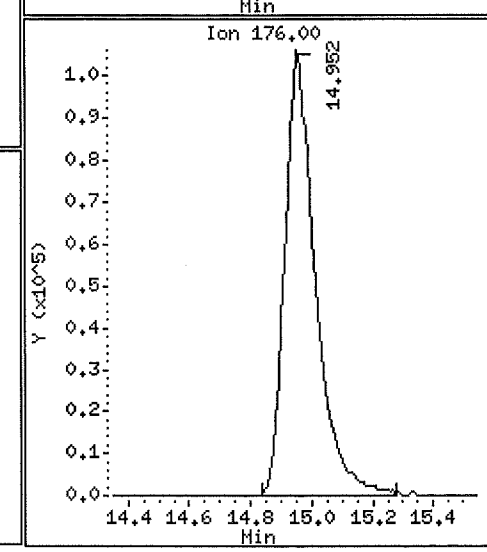












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12635.D

Date : 02-OCT-2000 11:30

Client ID: D12635

Instrument: md.i

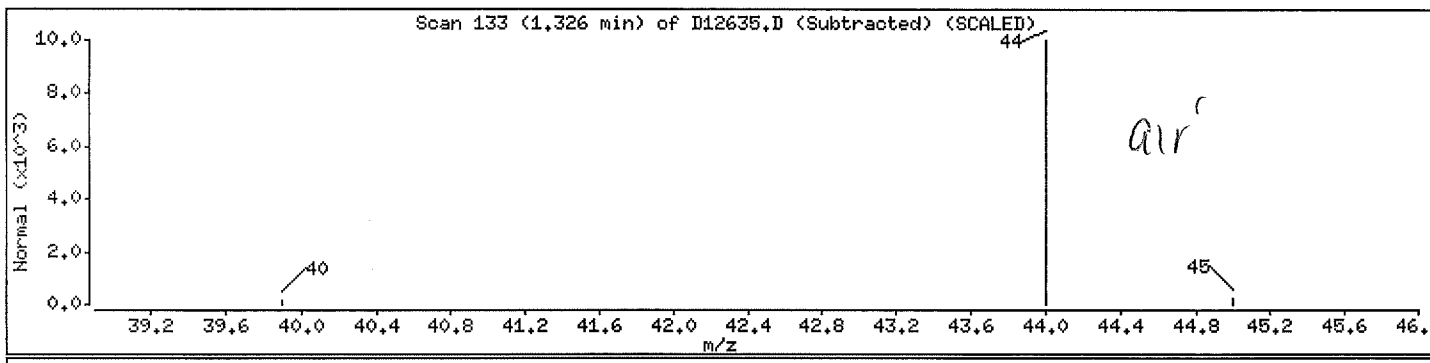
Sample Info: DL3GL101,,2,,0,1,0,8260BDA.M,D12635

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



000776

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1002AD.B\D12636.D
Lab Smp Id: DL3GM101 Client Smp ID: D12636
Inj Date : 02-OCT-2000 12:02
Operator : GFB Inst ID: md.i
Smp Info : DL3GM101,,2,,0,1,0,8260BDA.M,D12636
Misc Info : 285-19,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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)	
$ 29 Dibromofluoromethane	111	5.997	5.992	(0.845)	904081	48.7866	48.79	
$ 33 1,2-Dichloroethane-d4	65	6.529	6.524	(0.920)	626985	45.9514	45.95	
34 1,2-Dichloroethane-d4 2nd	102	6.538	6.534	(0.921)	120843	41.4888	41.49	
* 38 Fluorobenzene	96	7.100	7.096	(1.000)	1367804	50.0000		
$ 47 Toluene-d8	98	9.928	9.924	(0.787)	1285791	47.6212	47.62	
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1218457	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.948	(0.866)	751070	46.9214	46.92	
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	1048100	45.2708	45.27	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.263	(1.000)	839176	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\1002AD.B\D12636.D
Lab Smp Id: DL3GM101 Client Smp ID: D12636
Inj Date : 02-OCT-2000 12:02
Operator : GFB Inst ID: md.i
Smp Info : DL3GM101,,2,,0,1,0,8260BDA.M,D12636
Misc Info : 285-19,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.100	3280264	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	624246	9.51517132	9.52	0		0	38

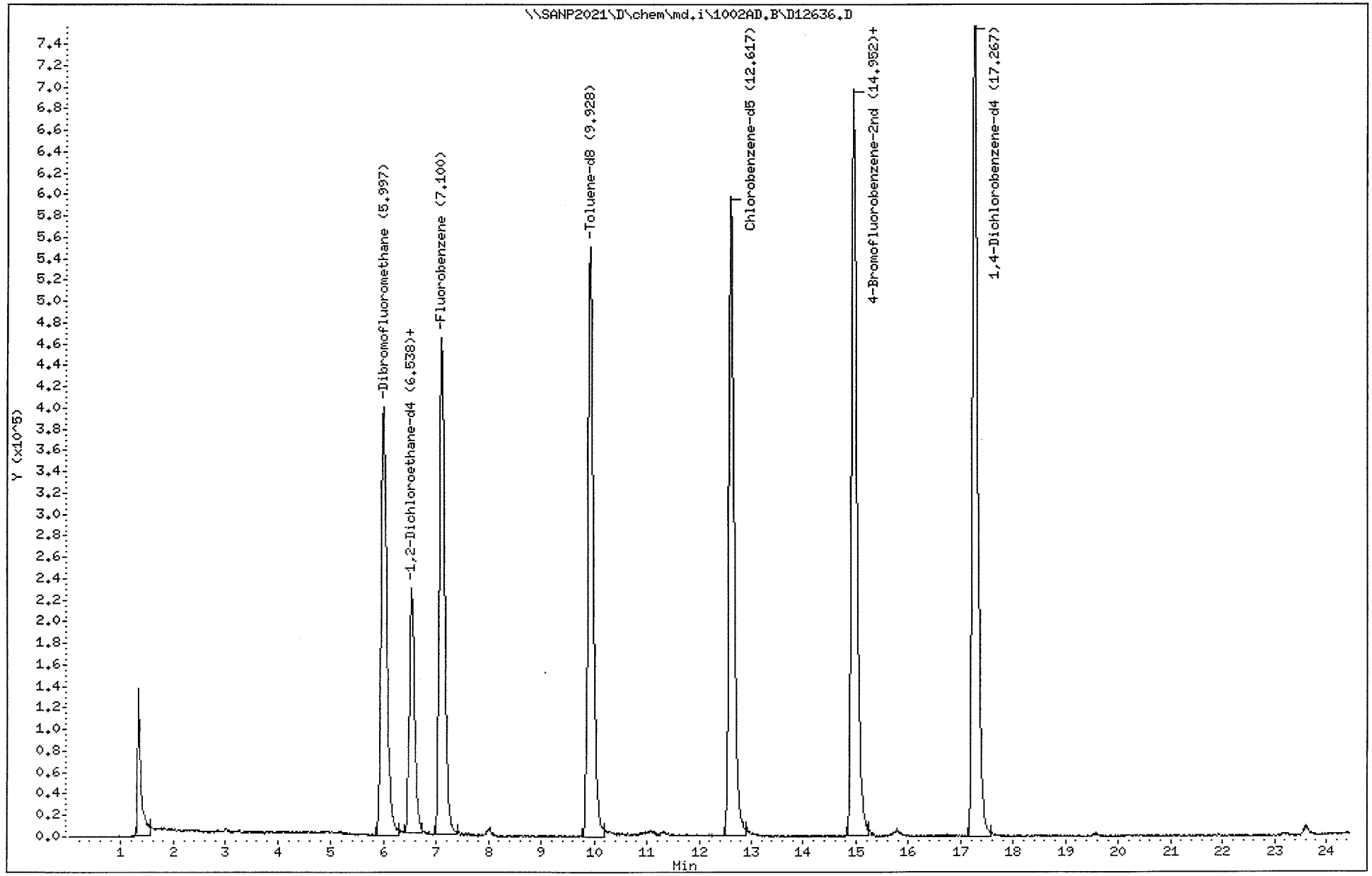
Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12636.D
Date : 02-OCT-2000 12:02
Client ID: D12636
Sample Info: DL3GM101,,2,,0,1,0,8260BDA.M,D12636

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000279

BOE-C6-0156320

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12636.D

Date : 02-OCT-2000 12:02

Client ID: D12636

Instrument: md.i

Sample Info: DL3GM101,,2,,0,1,0,8260BDA,M,D12636

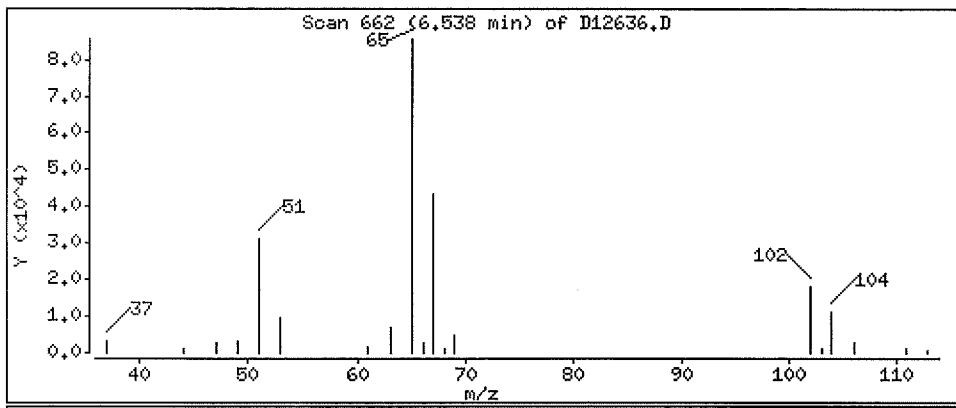
Operator: GFB

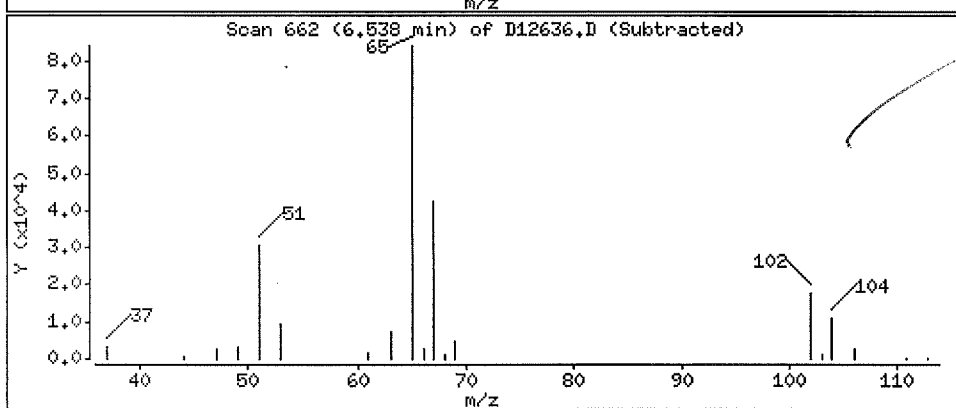
Column phase: J&W DB-624

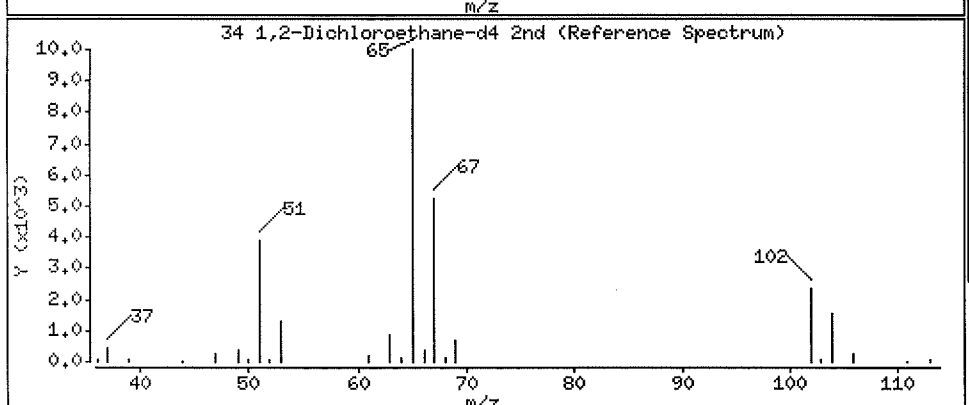
Column diameter: 0.53

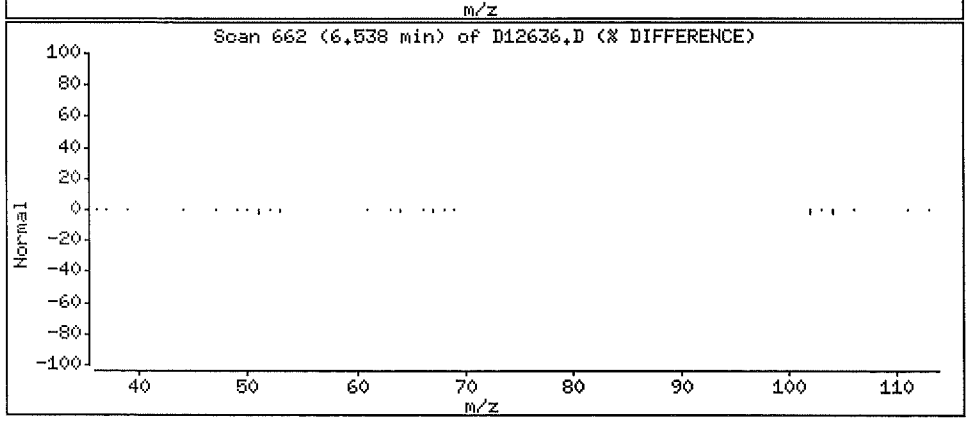
34 1,2-Dichloroethane-d4 2nd

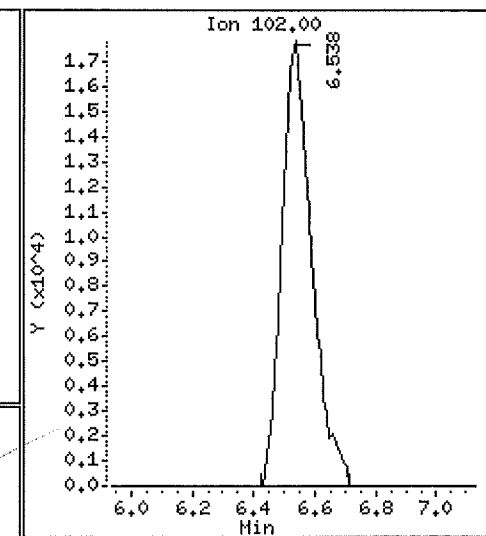
Concentration: 41.49 ug/Kg

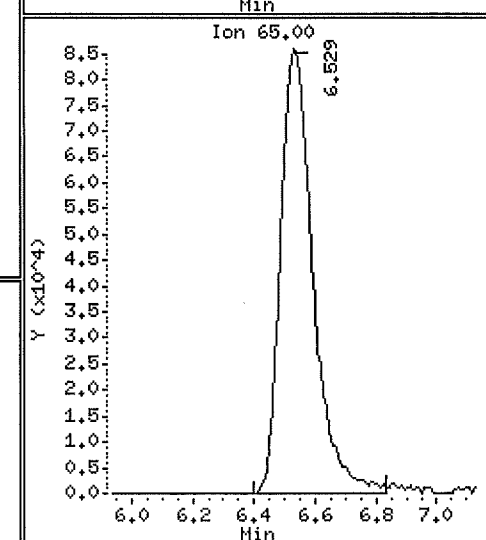












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12636.D

Date : 02-OCT-2000 12:02

Client ID: D12636

Instrument: md.i

Sample Info: DL3GM101,,2,,0,1,0,8260BDA.M,D12636

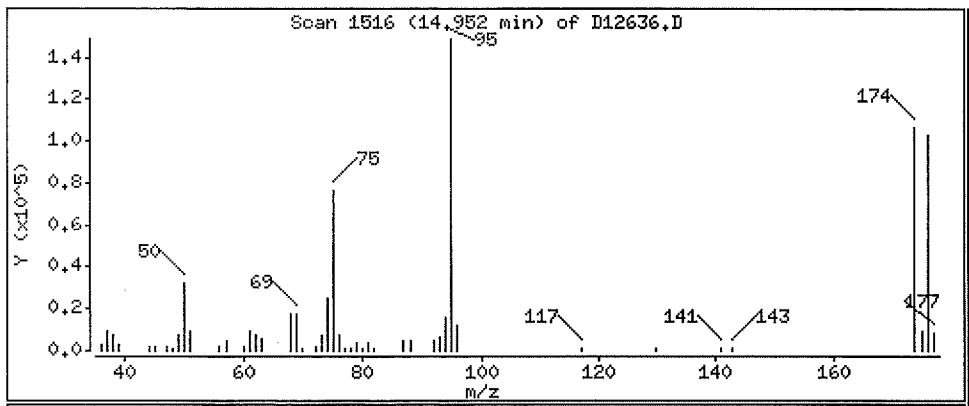
Operator: GFB

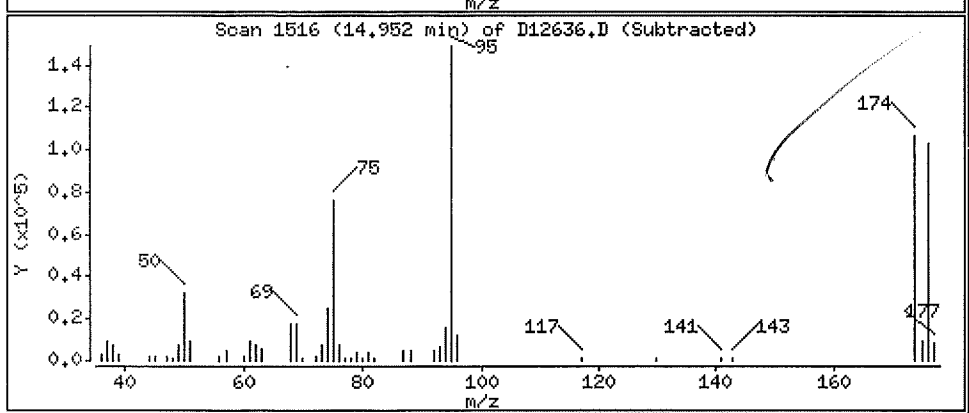
Column phase: J&W DB-624

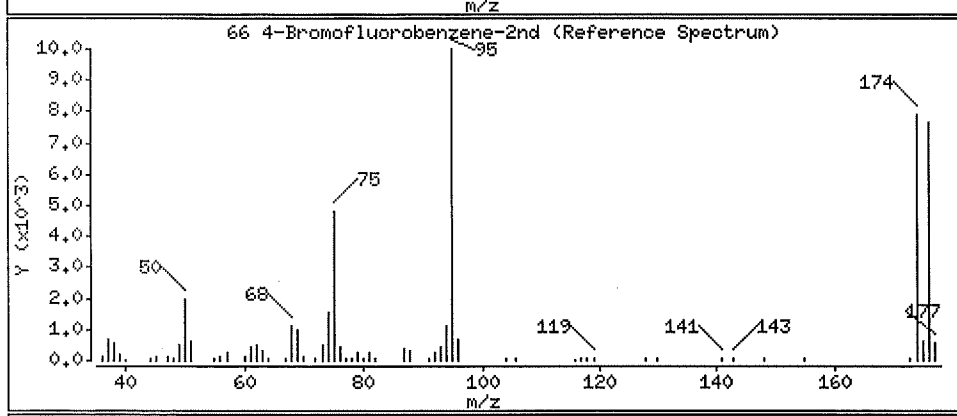
Column diameter: 0.53

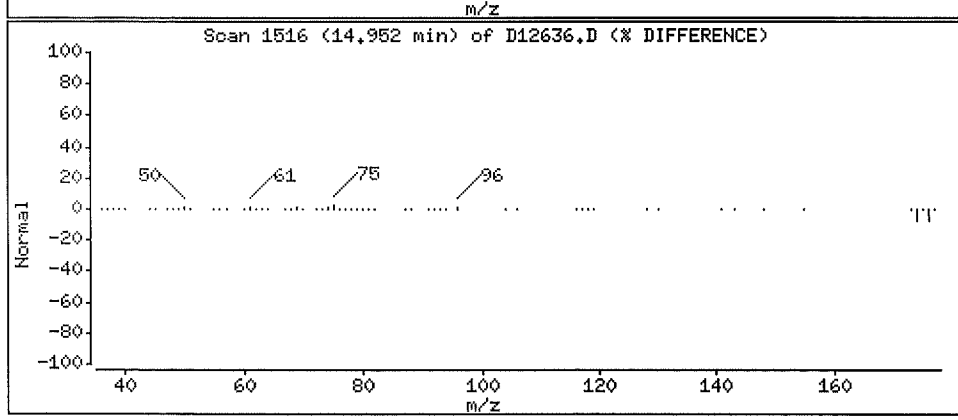
66 4-Bromofluorobenzene-2nd

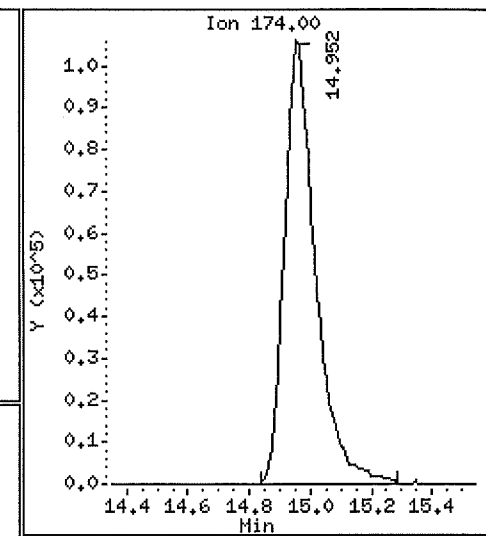
Concentration: 46.92 ug/Kg

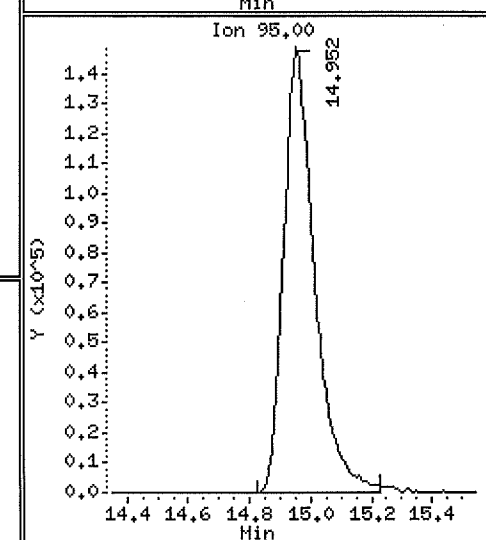


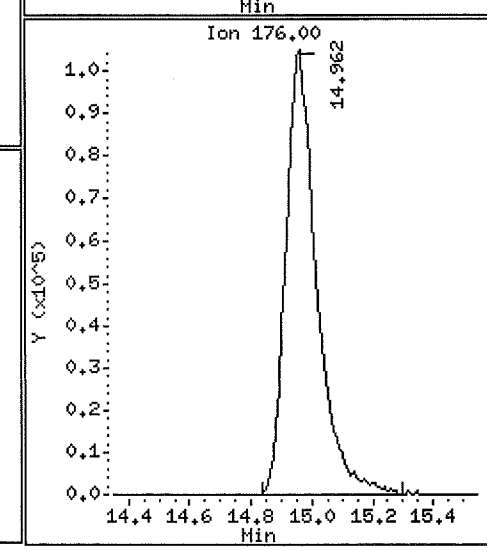












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12636.D

Date : 02-OCT-2000 12:02

Client ID: D12636

Instrument: md.i

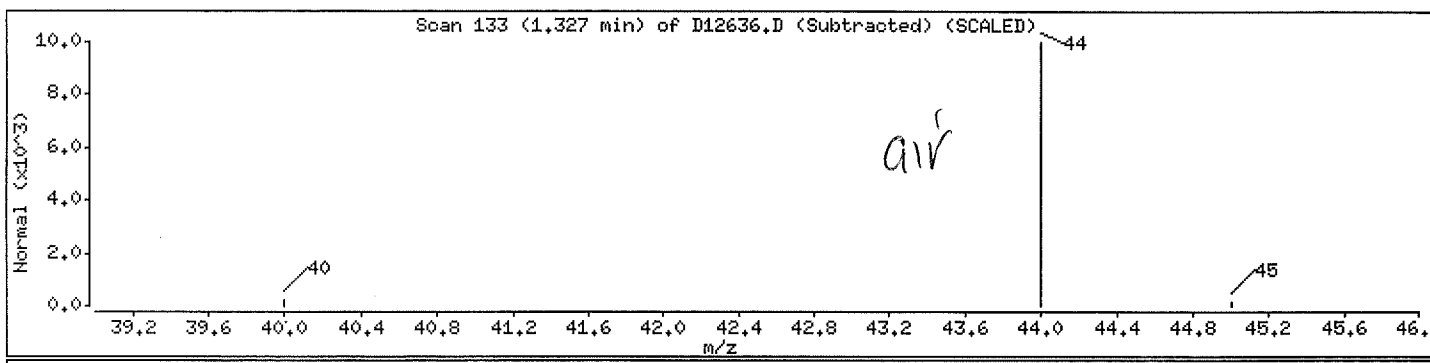
Sample Info: DL3GM101,,2,,0,1,0,8260BDA.M,D12636

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



000782

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1002AD.B\D12637.D
Lab Smp Id: DL3GN101 Client Smp ID: D12637
Inj Date : 02-OCT-2000 12:34
Operator : GFB Inst ID: md.i
Smp Info : DL3GN101,,2,,0,1,0,8260BDA.M,D12637
Misc Info : 285-20,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.999	5.992	(0.845)	874526	48.8470	48.85
$ 33 1,2-Dichloroethane-d4	65	6.521	6.524	(0.918)	622483	47.2217	47.22
34 1,2-Dichloroethane-d4 2nd	102	6.521	6.534	(0.918)	115498	41.0447	41.04
* 38 Fluorobenzene	96	7.102	7.096	(1.000)	1321453	50.0000	
$ 47 Toluene-d8	98	9.930	9.924	(0.787)	1249555	47.3386	47.34
* 56 Chlorobenzene-d5	117	12.620	12.613	(1.000)	1191187	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.964	14.948	(0.867)	735006	46.6502	46.65
$ 67 4-Bromofluorobenzene	95	14.964	14.948	(0.867)	1028389	45.1279	45.13
* 79 1,4-Dichlorobenzene-d4	152	17.270	17.263	(1.000)	826003	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\1002AD.B\D12637.D
Lab Smp Id: DL3GN101 Client Smp ID: D12637
Inj Date : 02-OCT-2000 12:34
Operator : GFB Inst ID: md.i
Smp Info : DL3GN101,,2,,0,1,0,8260BDA.M,D12637
Misc Info : 285-20,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.102	3209923	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.329	694550	10.8187867	10.82	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GN101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12637
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~~ Gly	1.329	10.82	J

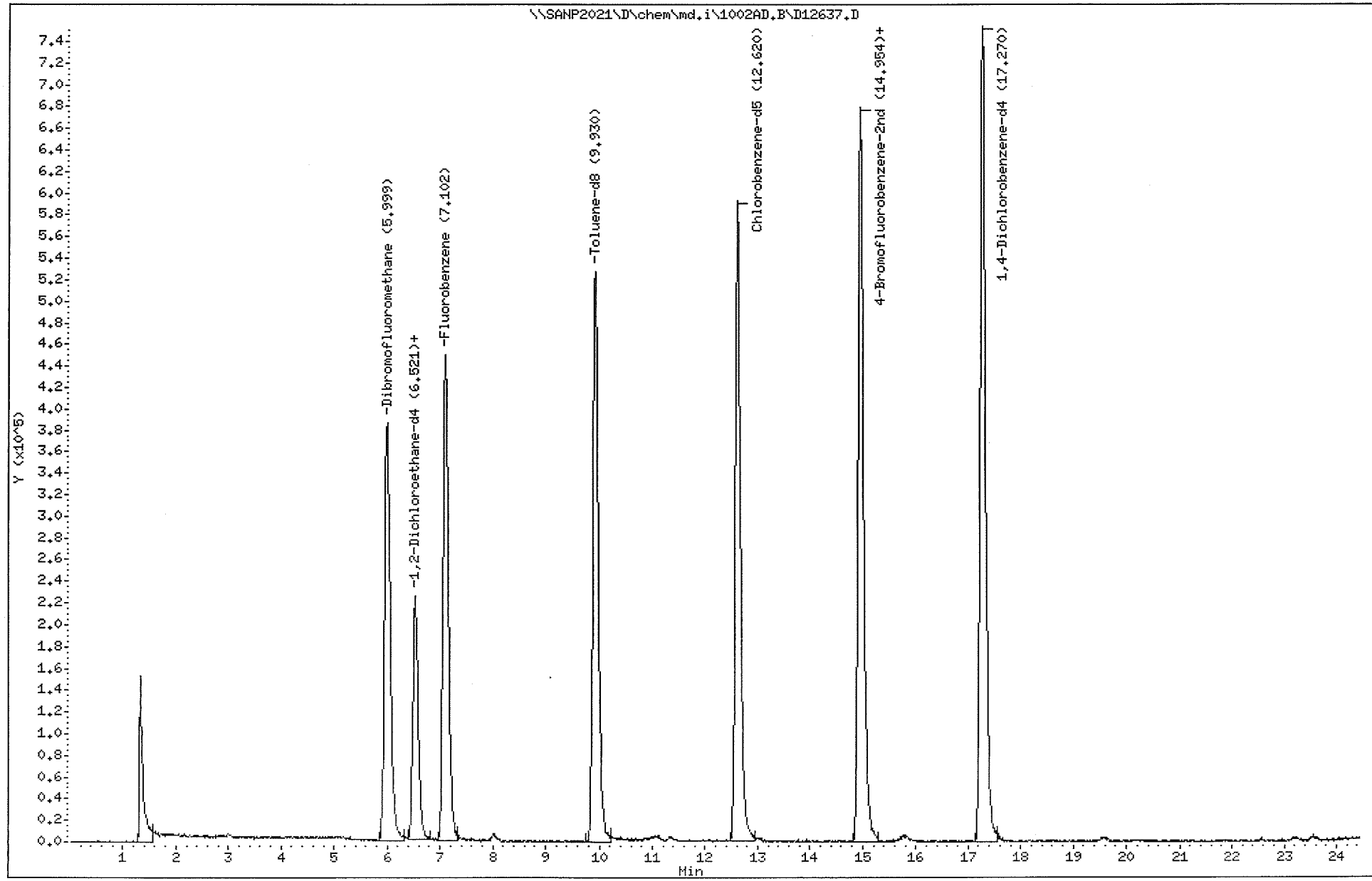
Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12637.D
Date : 02-OCT-2000 12:34
Client ID: D12637
Sample Info: DL3GN101,,2,,0,1,0,8260BDA.M,D12637

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000786

BOE-C6-0156327

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12637.D

Date : 02-OCT-2000 12:34

Client ID: D12637

Instrument: md.i

Sample Info: DL3GN101,,2,,0,1,0,8260BDA.M,D12637

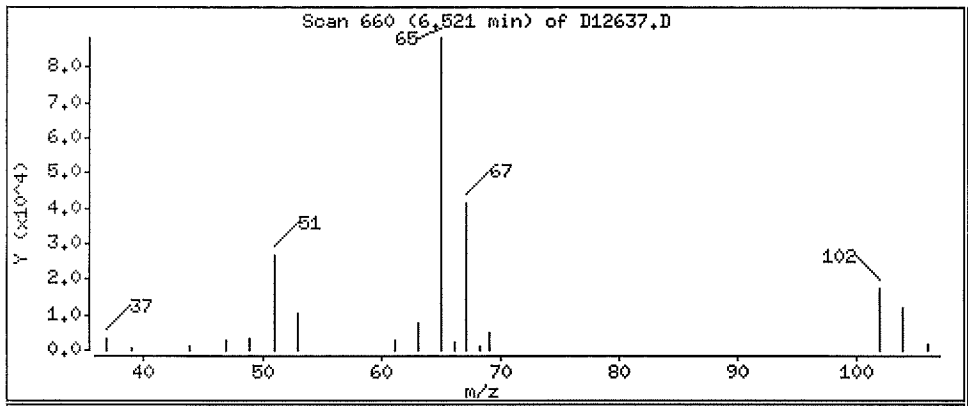
Operator: GFB

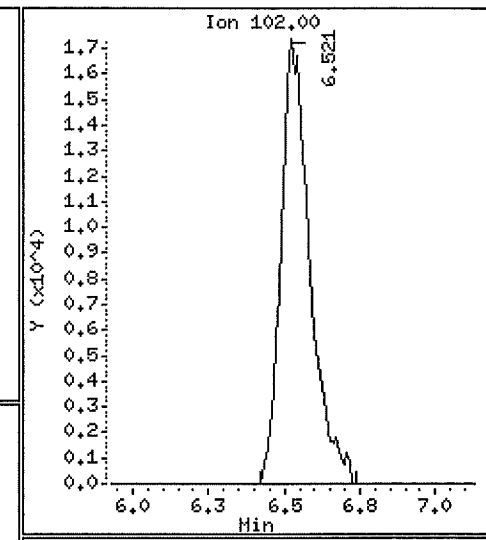
Column phase: J&W DB-624

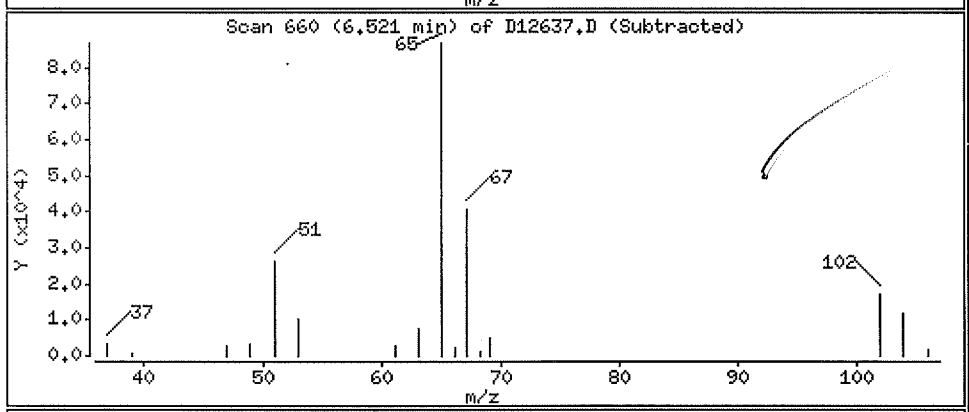
Column diameter: 0.53

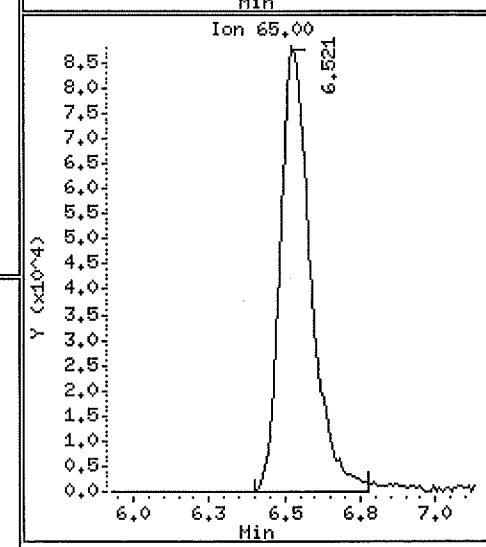
34 1,2-Dichloroethane-d4 2nd

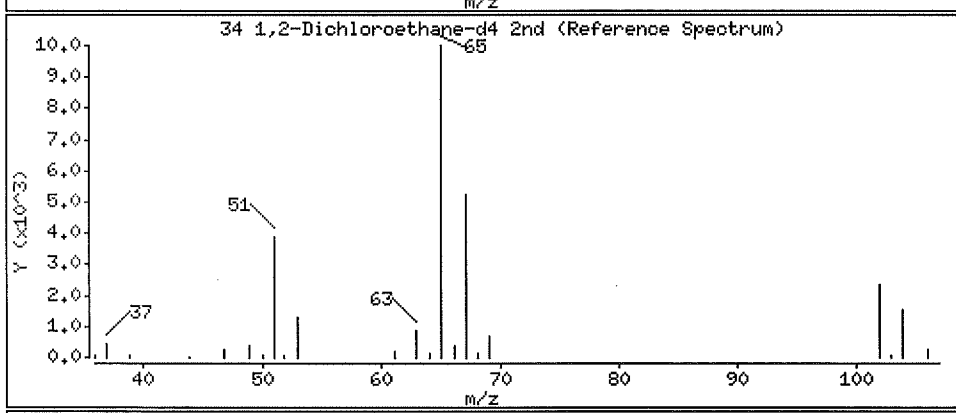
Concentration: 41.04 ug/Kg

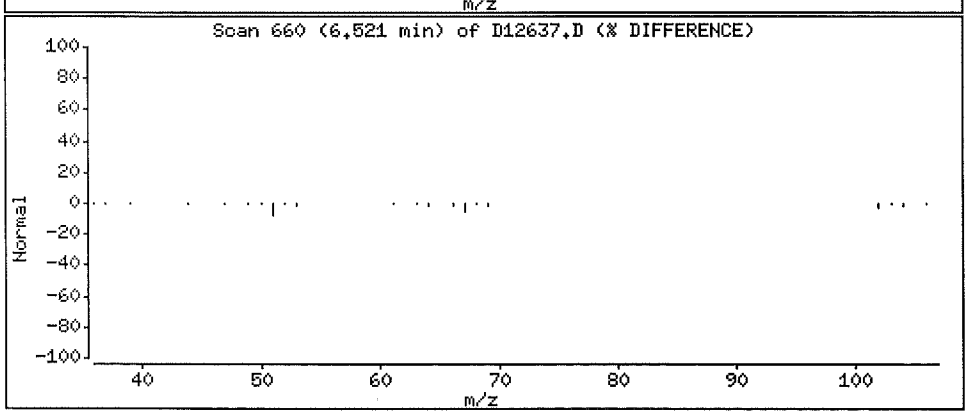












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12637.D

Date : 02-OCT-2000 12:34

Client ID: D12637

Instrument: md.i

Sample Info: DL3GN101,,2,,0,1,0,8260BDA.M,D12637

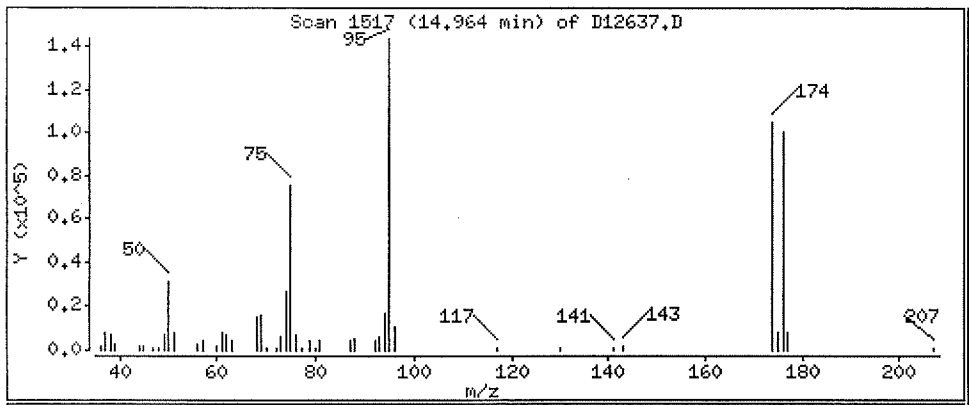
Operator: GFB

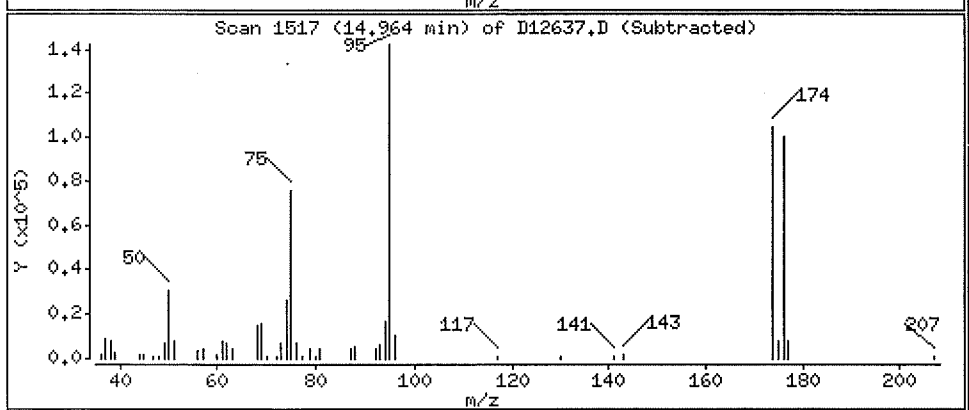
Column phase: J&W DB-624

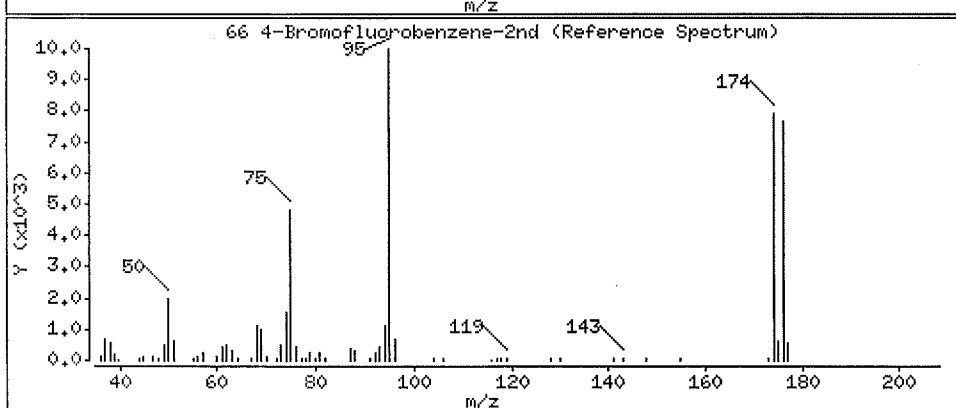
Column diameter: 0.53

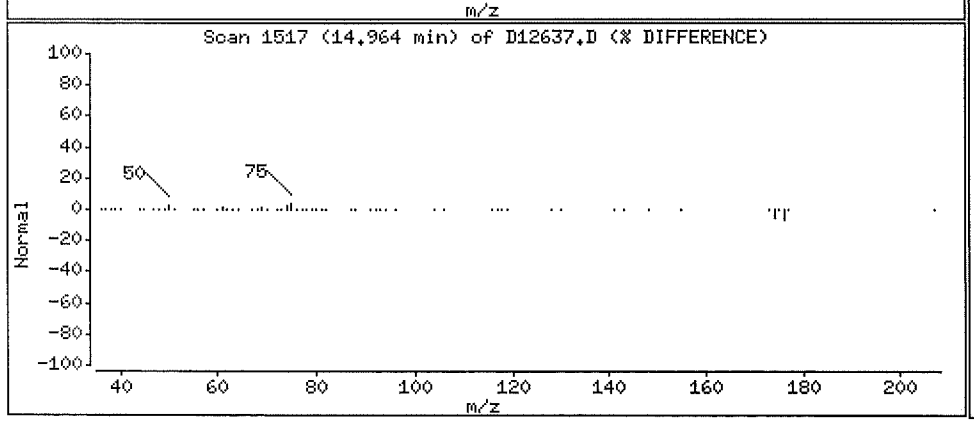
66 4-Bromofluorobenzene-2nd

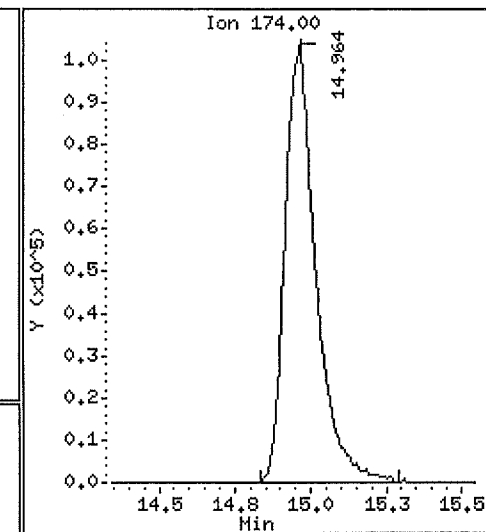
Concentration: 46.65 ug/Kg

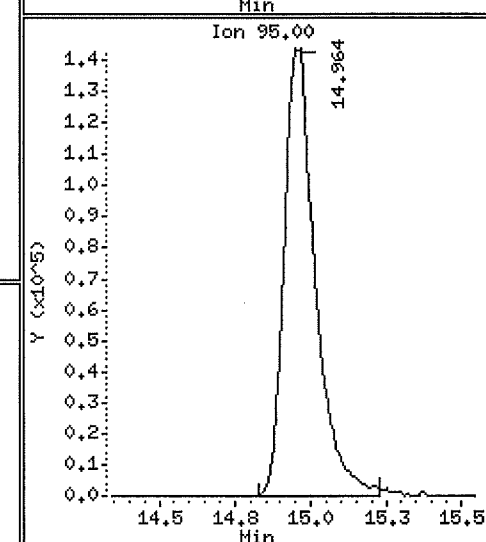


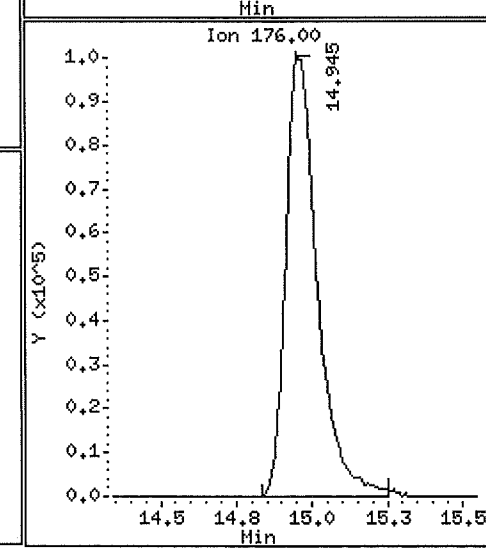












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12637.D

Date : 02-OCT-2000 12:34

Client ID: D12637

Instrument: md.i

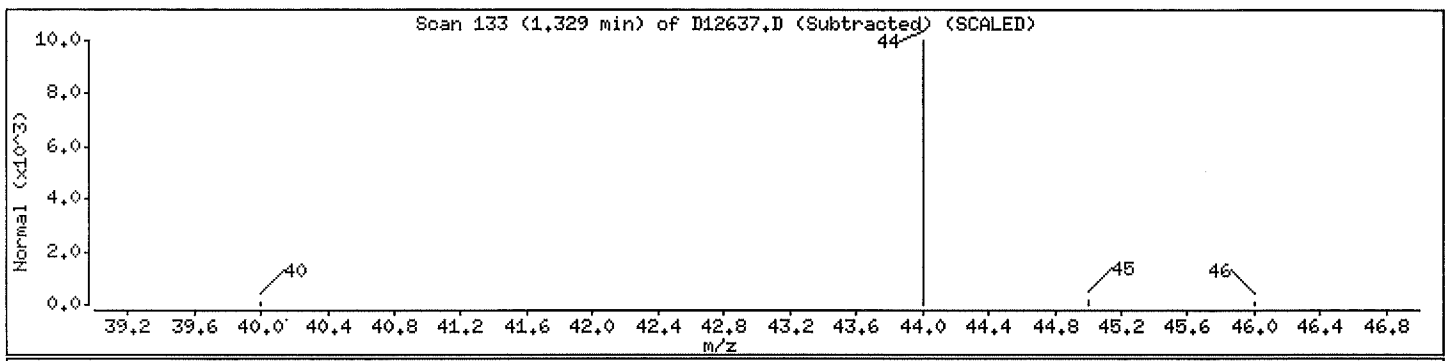
Sample Info: DL3GN101,,2,,0,1,0,8260BDA.M,D12637

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\1002AD.B\D12638.D
Lab Smp Id: DL3GP101 Client Smp ID: D12638
Inj Date : 02-OCT-2000 13:06
Operator : GFB Inst ID: md.i
Smp Info : DL3GP101,,2,,0,1,0,8260BDA.M,D12638
Misc Info : 285-21,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.991	5.992	(0.844)	911740	48.7077	48.71
$ 33 1,2-Dichloroethane-d4	65	6.523	6.524	(0.919)	659225	47.8310	47.83
34 1,2-Dichloroethane-d4 2nd	102	6.523	6.534	(0.919)	124413	42.2874	42.29
* 38 Fluorobenzene	96	7.094	7.096	(1.000)	1381624	50.0000	
$ 47 Toluene-d8	98	9.922	9.924	(0.786)	1286210	46.5038	46.50
* 56 Chlorobenzene-d5	117	12.621	12.613	(1.000)	1248139	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.956	14.948	(0.866)	770912	46.3855	46.38
$ 67 4-Bromofluorobenzene	95	14.966	14.948	(0.867)	1084509	45.1166	45.12
* 79 1,4-Dichlorobenzene-d4	152	17.262	17.263	(1.000)	871296	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\1002AD.B\D12638.D
Lab Smp Id: DL3GP101 Client Smp ID: D12638
Inj Date : 02-OCT-2000 13:06
Operator : GFB Inst ID: md.i
Smp Info : DL3GP101,,2,,0,1,0,8260BDA.M,D12638
Misc Info : 285-21,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.094	3325025	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	599368	9.01298338	9.01	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GP101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12638
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	1.321	9.01	J

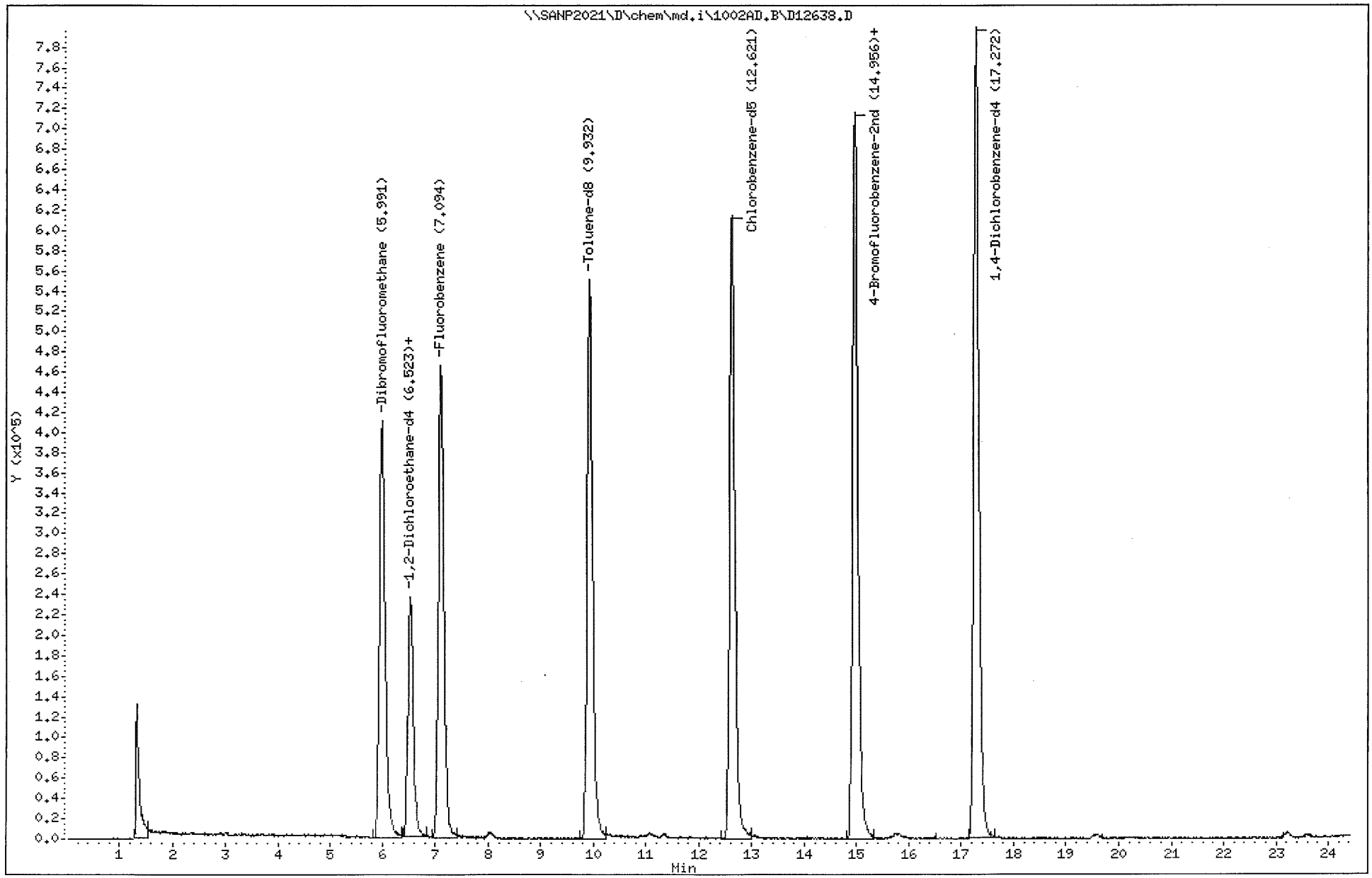
Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12638.D
Date : 02-OCT-2000 13:06
Client ID: D12638
Sample Info: DL3GP101,,2,,0,1,0,8260BDA.M,D12638

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000793

BOE-C6-0156334

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12638.D

Date : 02-OCT-2000 13:06

Client ID: D12638

Instrument: md.i

Sample Info: DL3GP101,,2,,0,1,0,8260BDA,M,D12638

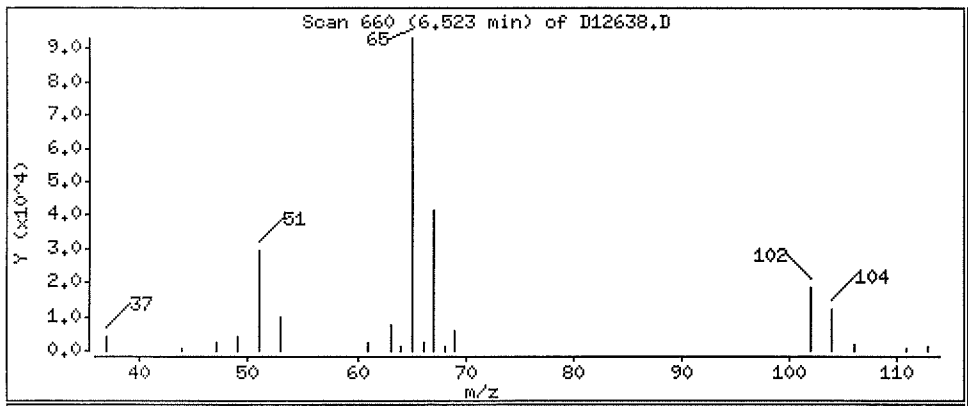
Operator: GFB

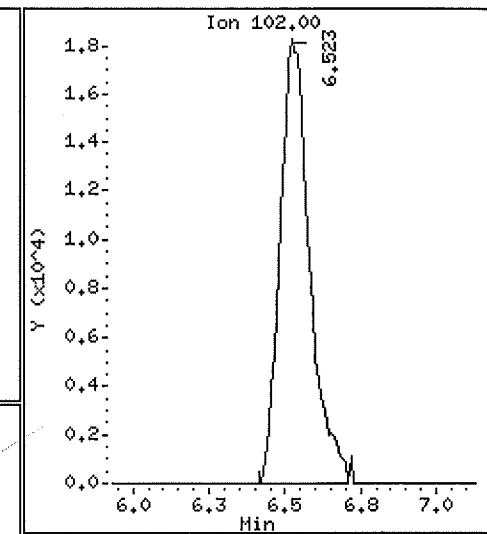
Column phase: J&W DB-624

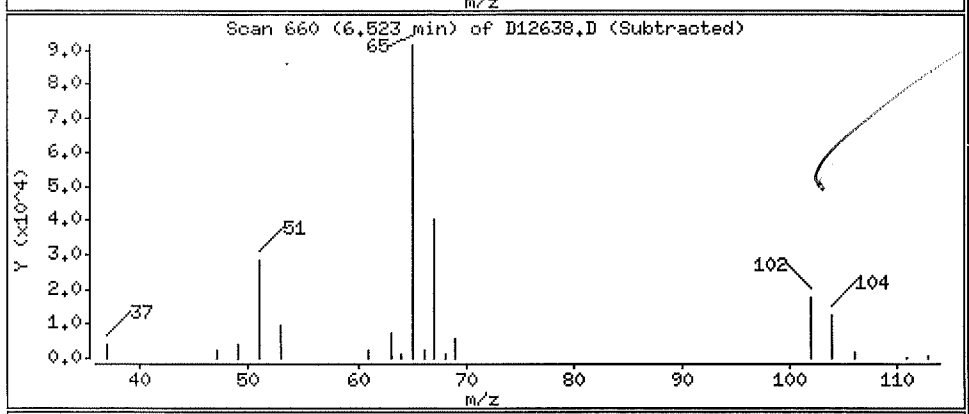
Column diameter: 0.53

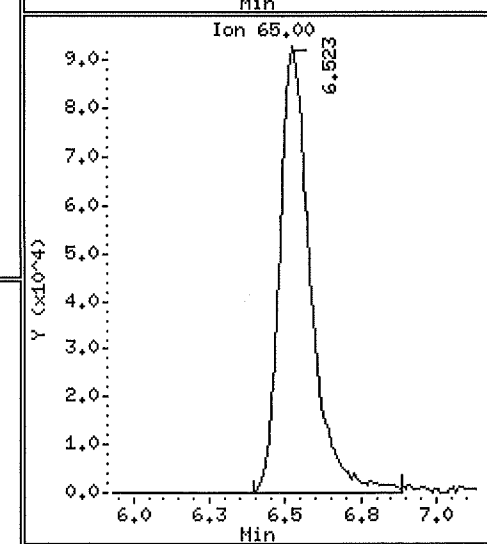
34 1,2-Dichloroethane-d4 2nd

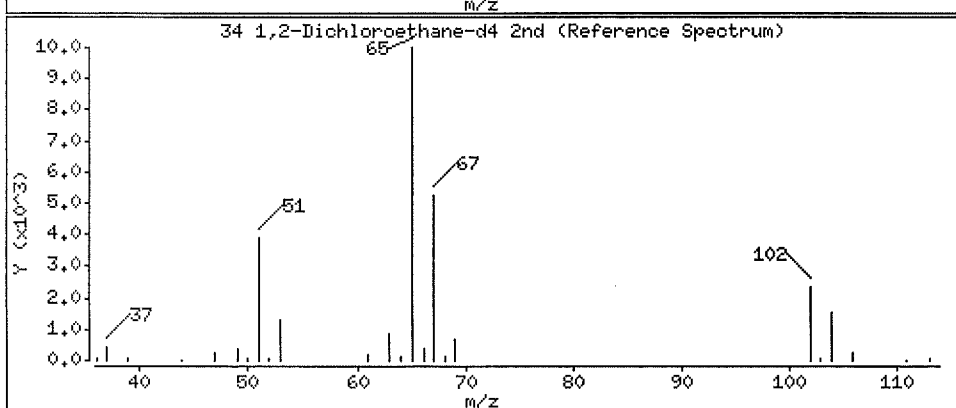
Concentration: 42.29 ug/Kg

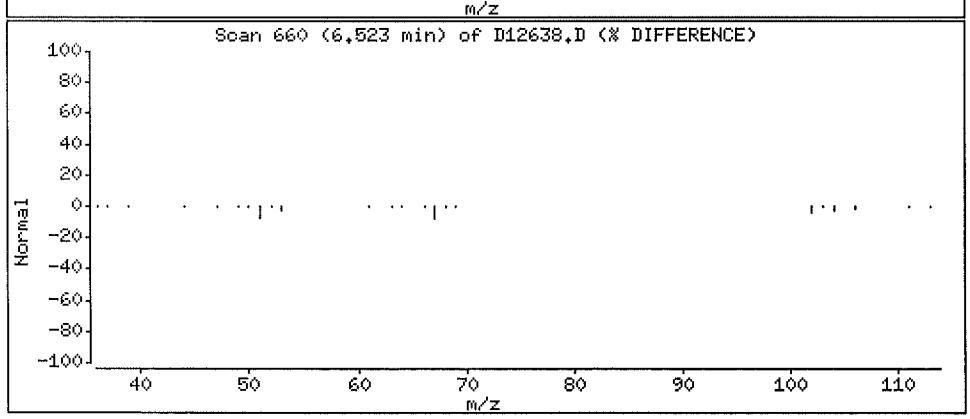












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12638.D

Date : 02-OCT-2000 13:06

Client ID: D12638

Instrument: md.i

Sample Info: DL3GP101,,2,,0,1,0,8260BDA.M,D12638

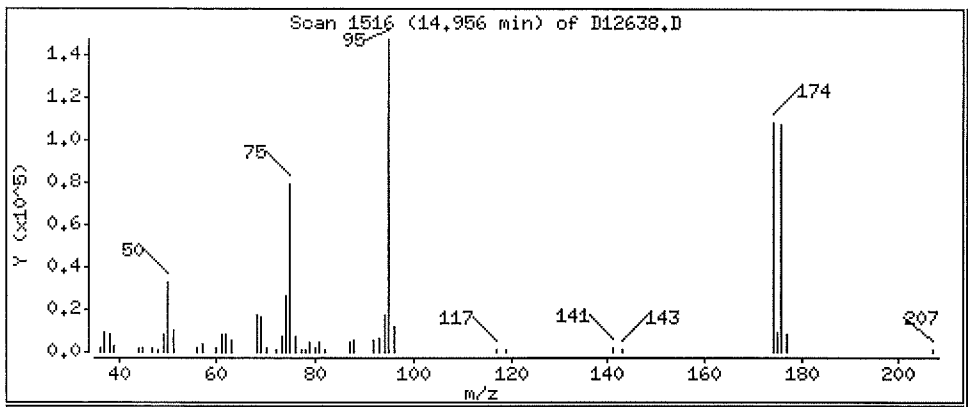
Operator: GFB

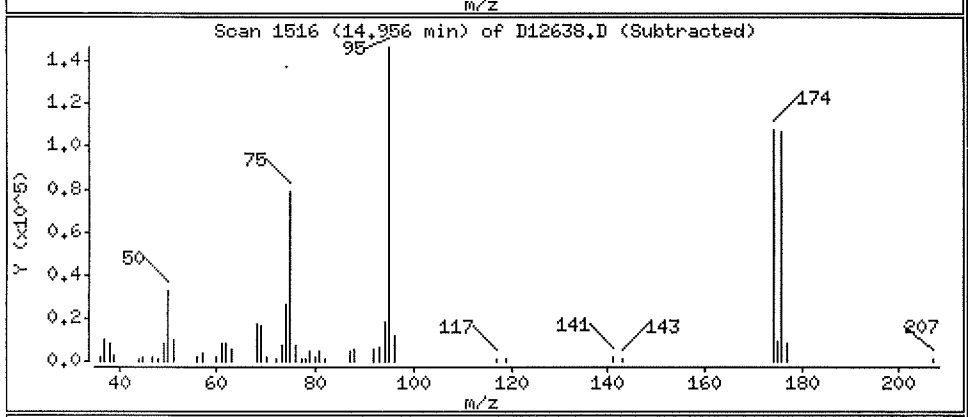
Column phase: J&W DB-624

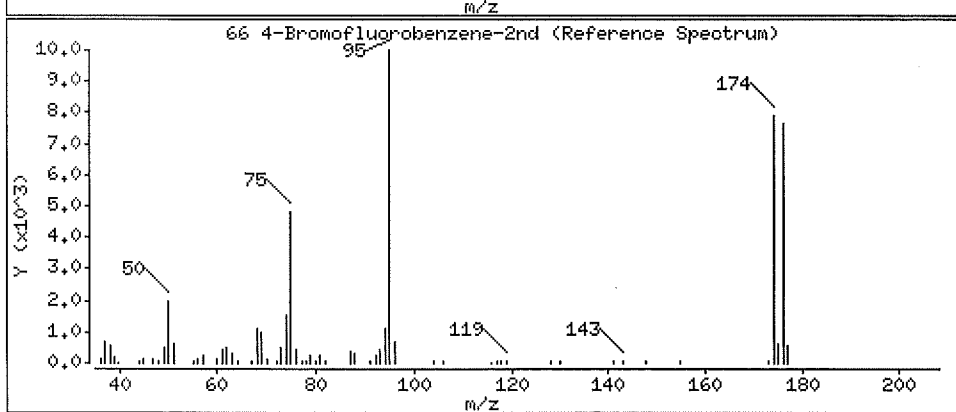
Column diameter: 0.53

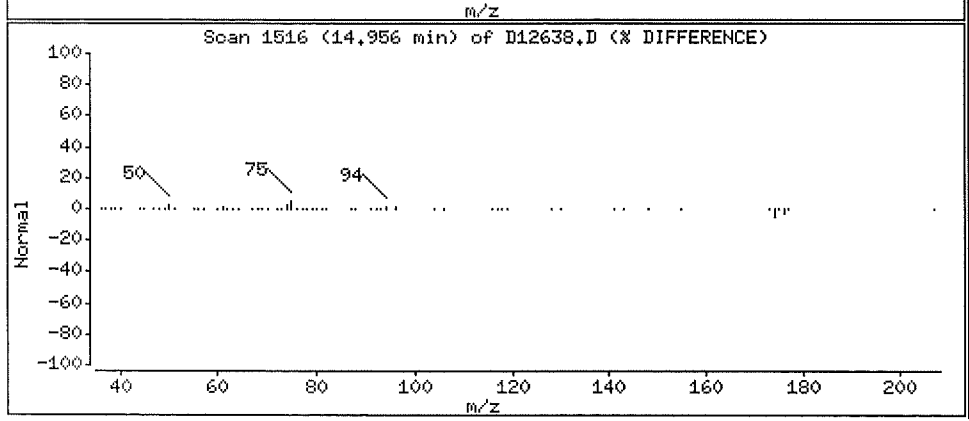
66 4-Bromofluorobenzene-2nd

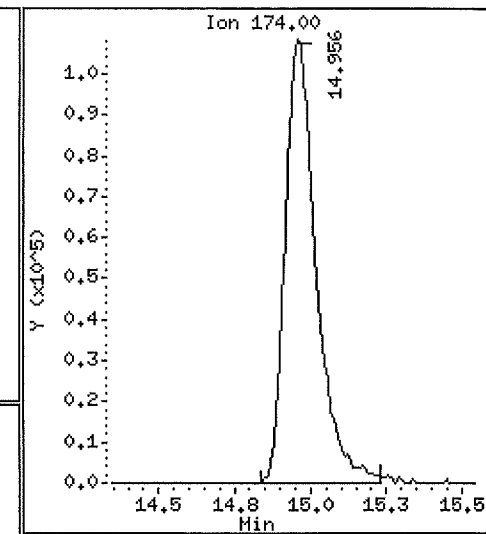
Concentration: 46.38 ug/Kg

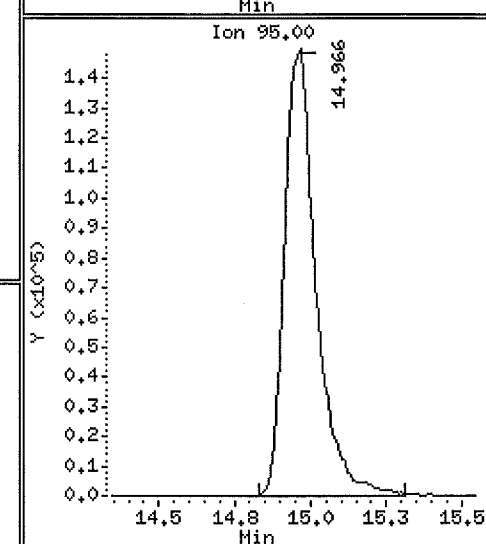


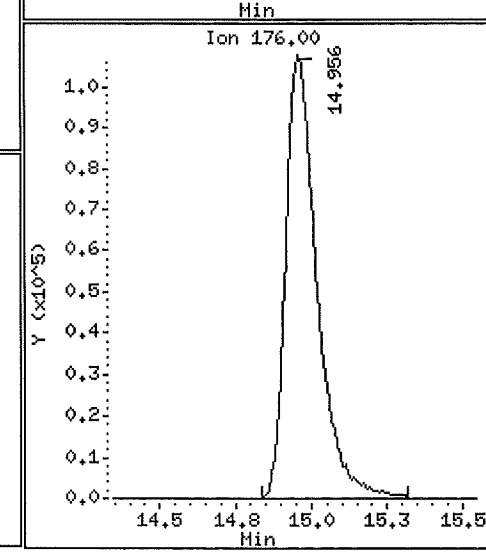












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12638.D

Date : 02-OCT-2000 13:06

Client ID: D12638

Instrument: md.i

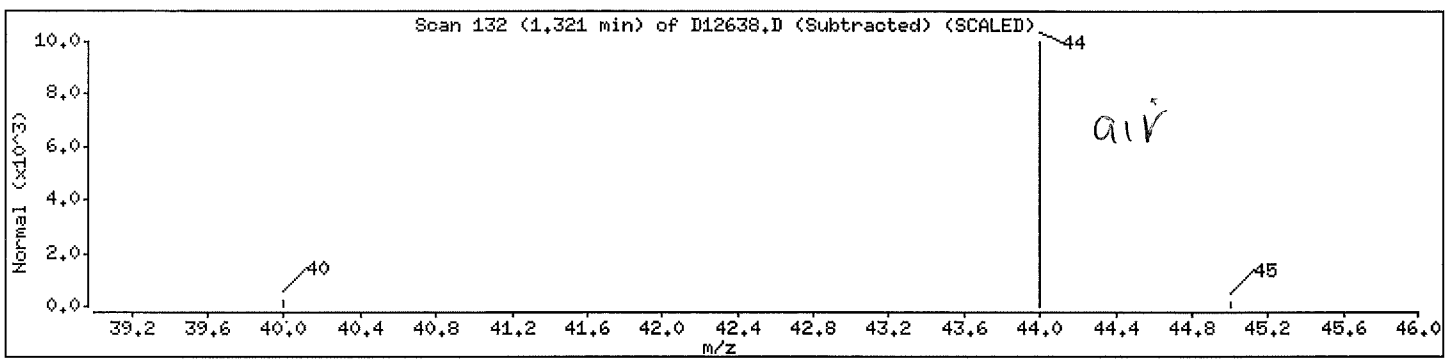
Sample Info: DL3GP101,,2,,0,1,0,8260BDA.M,D12638

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\1002AD.B\D12639.D
Lab Smp Id: DL3GR101 Client Smp ID: D12639
Inj Date : 02-OCT-2000 13:38
Operator : GFB Inst ID: md.i
Smp Info : DL3GR101,,2,,0,1,0,8260BDA.M,D12639
Misc Info : 285-22,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.988	5.992	(0.844)	843833	47.6510	47.65	
$ 33 1,2-Dichloroethane-d4	65	6.530	6.524	(0.921)	604141	46.3343	46.33	
34 1,2-Dichloroethane-d4 2nd	102	6.511	6.534	(0.918)	111260	39.9735	39.97	
* 38 Fluorobenzene	96	7.092	7.096	(1.000)	1307078	50.0000		
$ 47 Toluene-d8	98	9.919	9.924	(0.787)	1211087	48.4087	48.41	
* 56 Chlorobenzene-d5	117	12.609	12.613	(1.000)	1128995	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.954	14.948	(0.866)	697349	45.8020	45.80	
$ 67 4-Bromofluorobenzene	95	14.954	14.948	(0.866)	991339	45.0175	45.02	
* 79 1,4-Dichlorobenzene-d4	152	17.269	17.263	(1.000)	798196	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\1002AD.B\D12639.D
Lab Smp Id: DL3GR101 Client Smp ID: D12639
Inj Date : 02-OCT-2000 13:38
Operator : GFB Inst ID: md.i
Smp Info : DL3GR101,,2,,0,1,0,8260BDA.M,D12639
Misc Info : 285-22,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.092	3130346	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	625367	9.98878378	9.99	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GR101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12639
Sample Date:
Sample Point:
Date Received:
Level: LOW

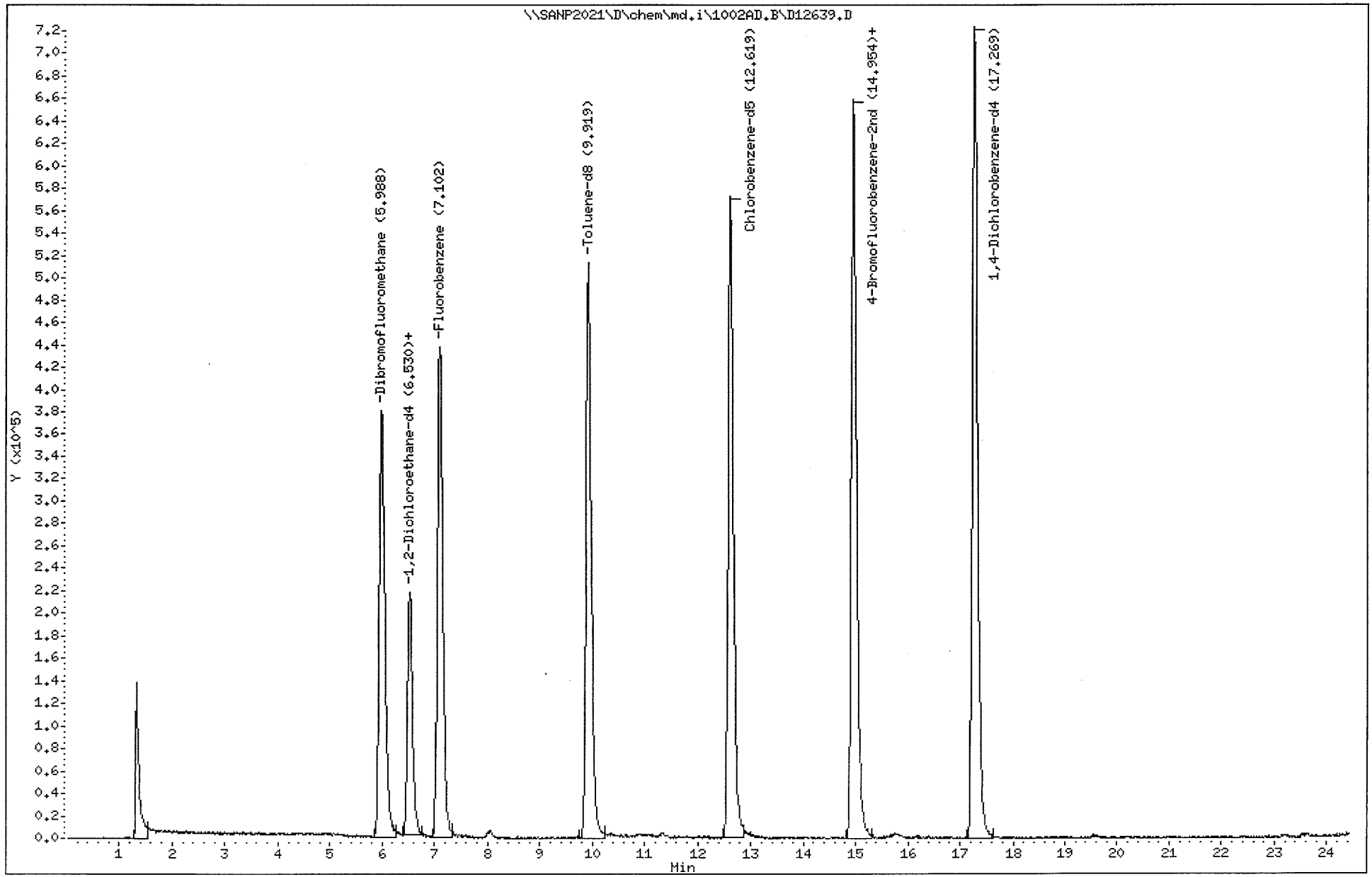
Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ a \ \	1.318	9.99	_J__

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12639.D
Date : 02-OCT-2000 13:38
Client ID: D12639
Sample Info: DL3GR101,,2,,0,1,0,8260BDA.M,D12639

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



000800

BOE-C6-0156341

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12639.D

Date : 02-OCT-2000 13:38

Client ID: D12639

Instrument: md.i

Sample Info: DL3GR101,,2,,0,1,0,8260BDA.M,D12639

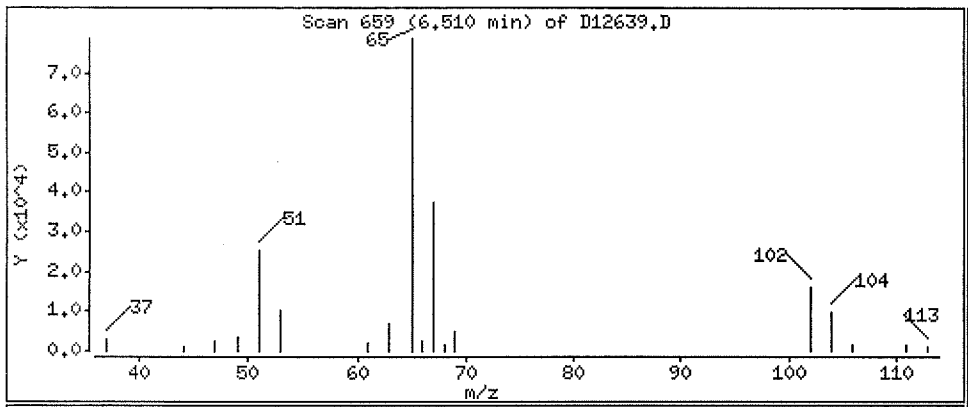
Operator: GFB

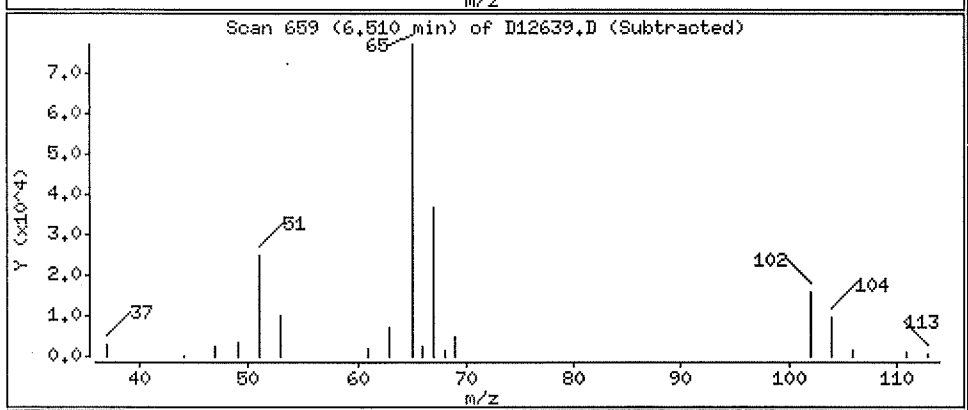
Column phase: J&W DB-624

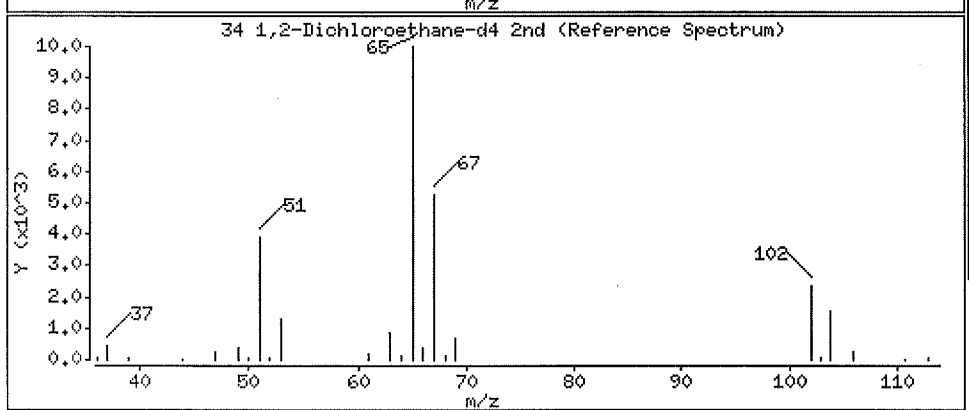
Column diameter: 0.53

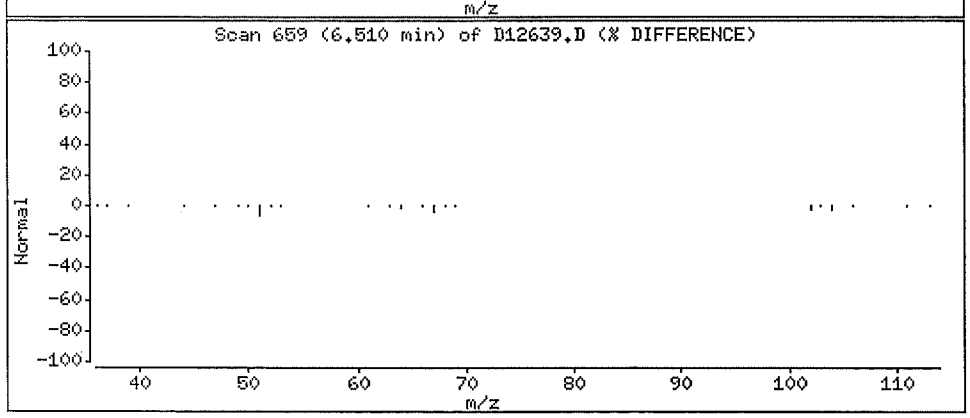
34 1,2-Dichloroethane-d4 2nd

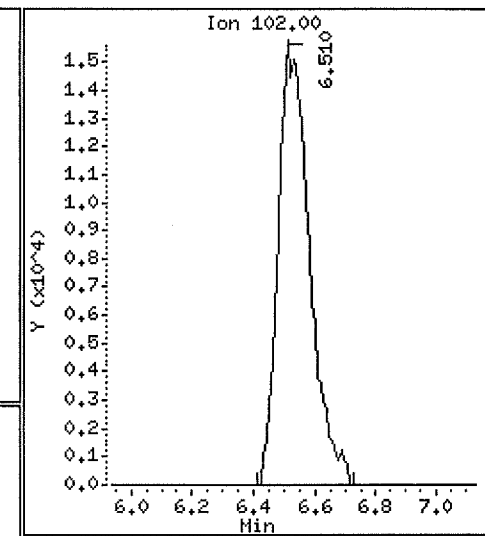
Concentration: 39.97 ug/Kg

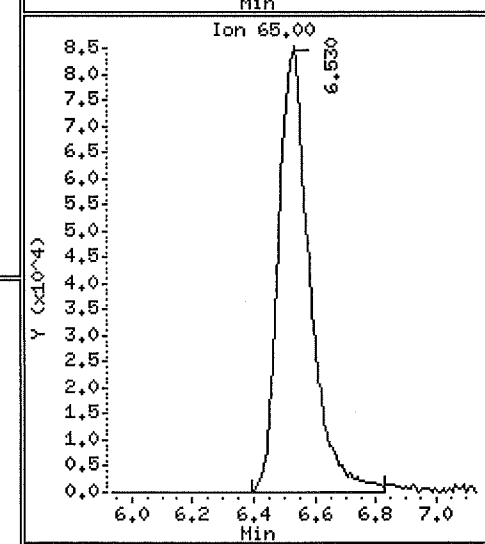












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12639.D

Date : 02-OCT-2000 13:38

Client ID: D12639

Instrument: md.i

Sample Info: DL3GR101,,2,,0,1,0,8260BDA.M,D12639

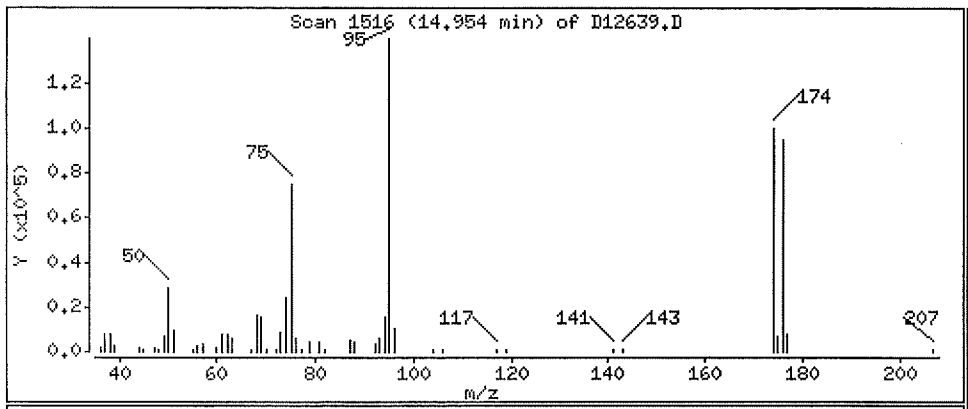
Operator: GFB

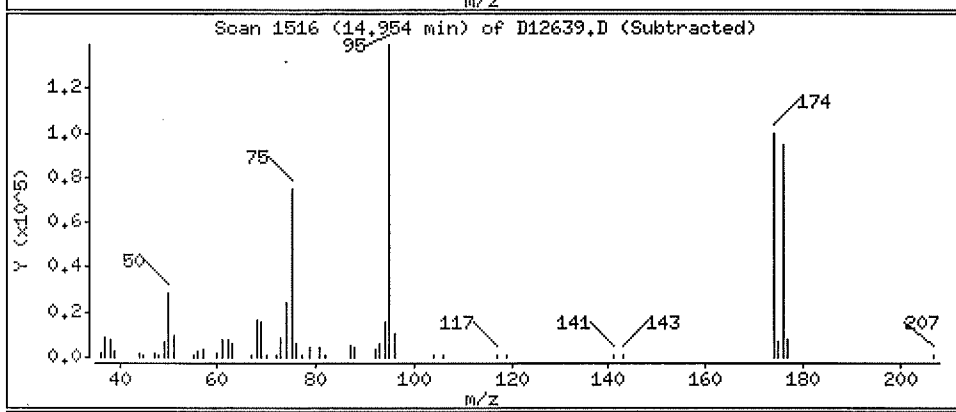
Column phase: J&W DB-624

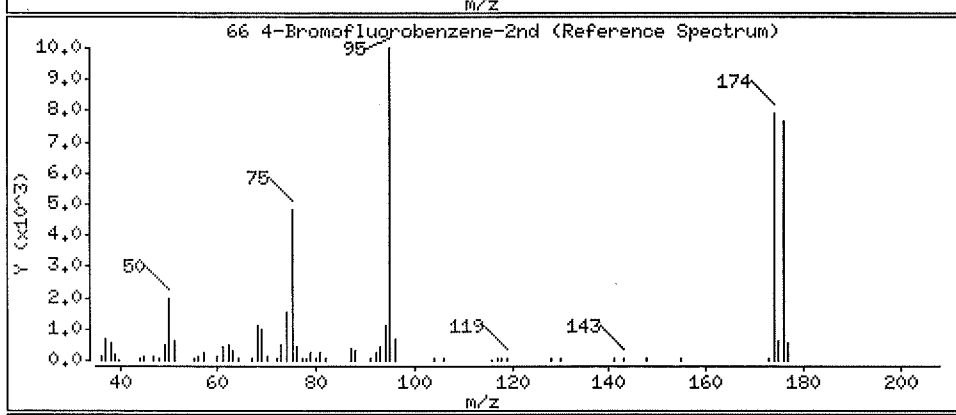
Column diameter: 0.53

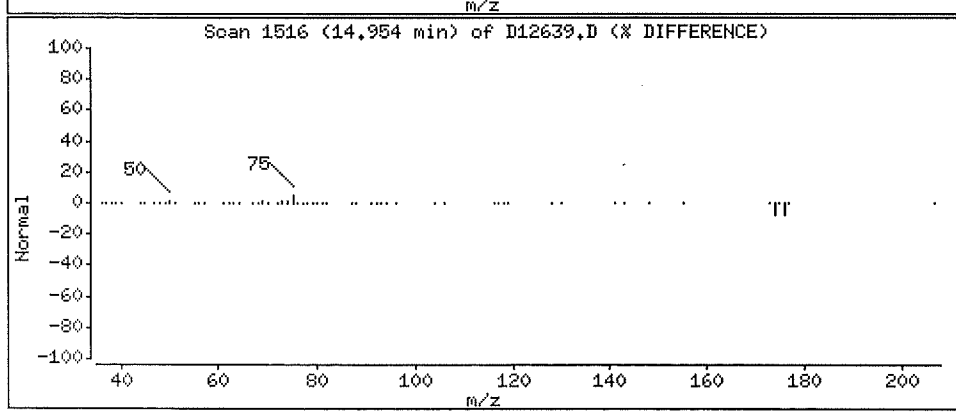
66 4-Bromofluorobenzene-2nd

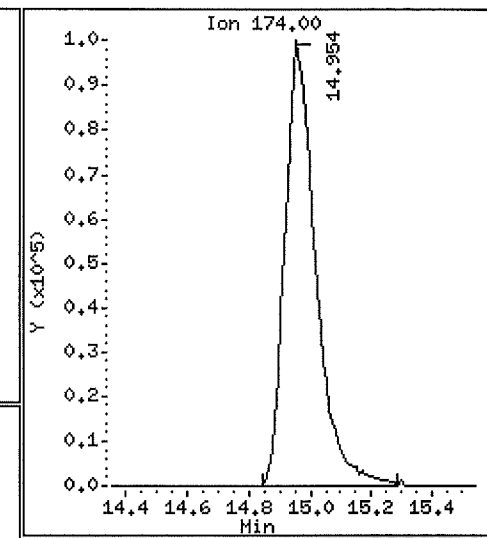
Concentration: 45.80 ug/Kg

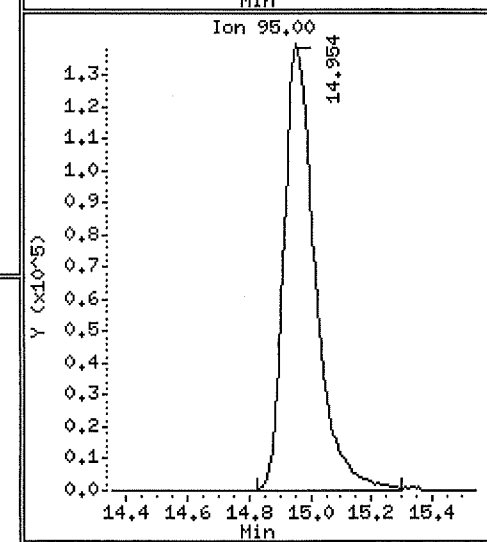


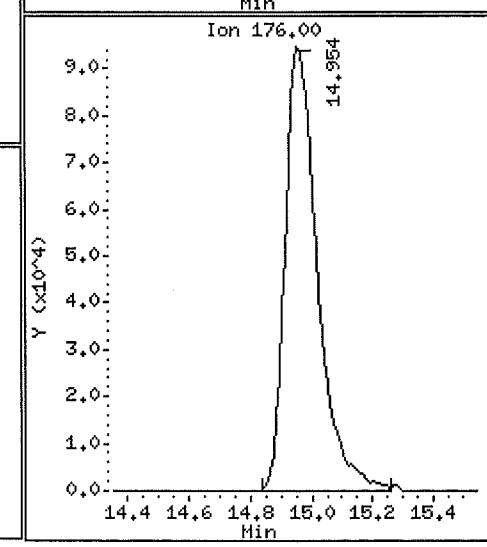












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12639.D

Date : 02-OCT-2000 13:38

Client ID: D12639

Instrument: md.i

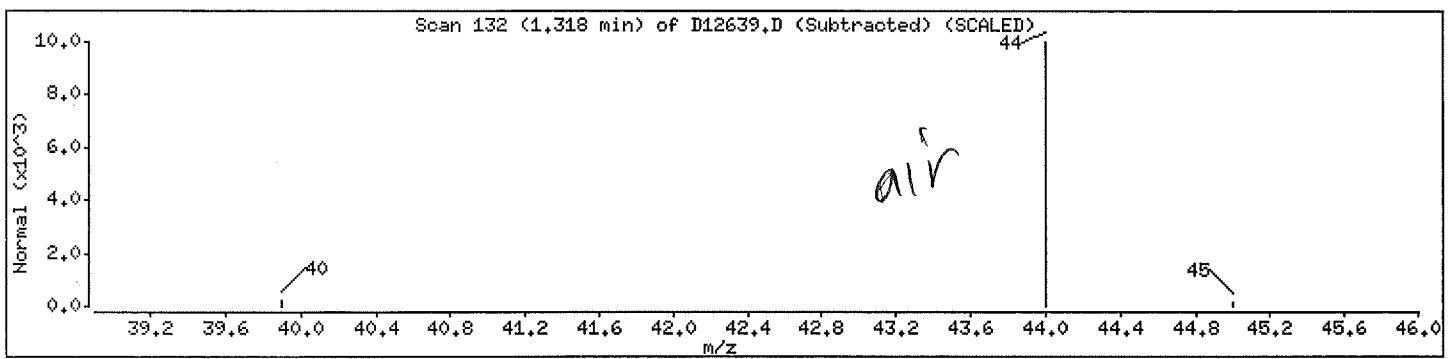
Sample Info: DL3GR101,,2,,0,1,0,8260BDA.M,D12639

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



000803

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1002AD.B\D12640.D
Lab Smp Id: DL3GT101 Client Smp ID: D12640
Inj Date : 02-OCT-2000 14:10
Operator : GFB Inst ID: md.i
Smp Info : DL3GT101,,2,,0,1,0,8260BDA.M,D12640
Misc Info : 285-23,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	6.003	5.992	(0.844)	845365	48.4253	48.42	
$ 33 1,2-Dichloroethane-d4	65	6.535	6.524	(0.918)	600889	46.7489	46.75	
34 1,2-Dichloroethane-d4 2nd	102	6.525	6.534	(0.917)	109292	39.8321	39.83	
* 38 Fluorobenzene	96	7.116	7.096	(1.000)	1288514	50.0000		
$ 47 Toluene-d8	98	9.924	9.924	(0.786)	1188227	47.5841	47.58	
* 56 Chlorobenzene-d5	117	12.624	12.613	(1.000)	1126879	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.968	14.948	(0.867)	689290	45.5611	45.56	
$ 67 4-Bromofluorobenzene	95	14.949	14.948	(0.865)	973147	44.4729	44.47	
* 79 1,4-Dichlorobenzene-d4	152	17.274	17.263	(1.000)	793144	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\1002AD.B\D12640.D
Lab Smp Id: DL3GT101 Client Smp ID: D12640
Inj Date : 02-OCT-2000 14:10
Operator : GFB Inst ID: md.i
Smp Info : DL3GT101,,2,,0,1,0,8260BDA.M,D12640
Misc Info : 285-23,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.116	3053100	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	587756	9.62556202	9.62	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GT101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12640
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.323	9.62	J

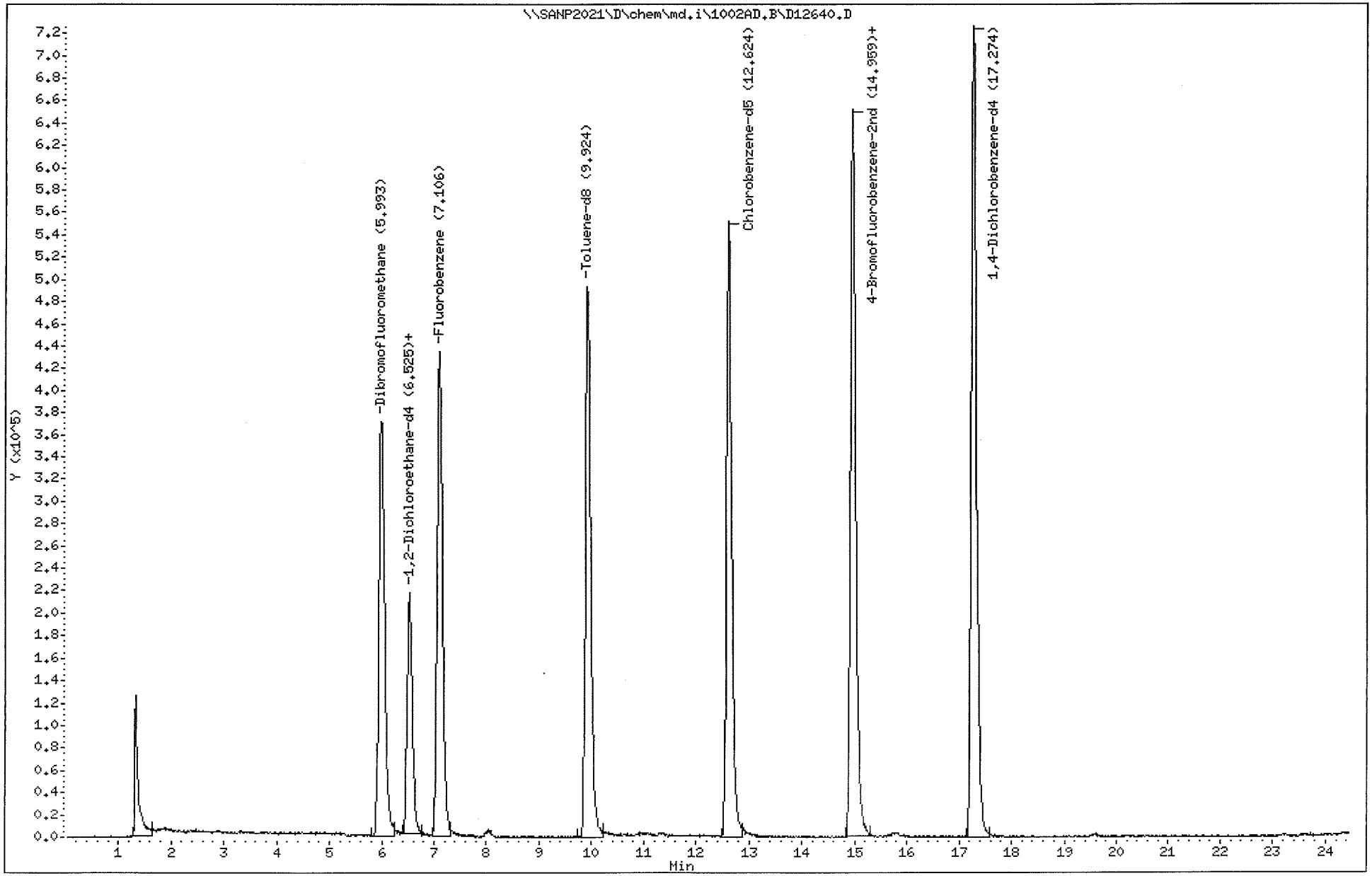
Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12640.D
Date : 02-OCT-2000 14:10
Client ID: D12640
Sample Info: DL3GT101,,2,,0,1,0,8260BDA.M,D12640

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000807

BOE-C6-0156348

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12640.D

Date : 02-OCT-2000 14:10

Client ID: D12640

Instrument: md.i

Sample Info: DL3GT101,,2,,0,1,0,8260BDA.M,D12640

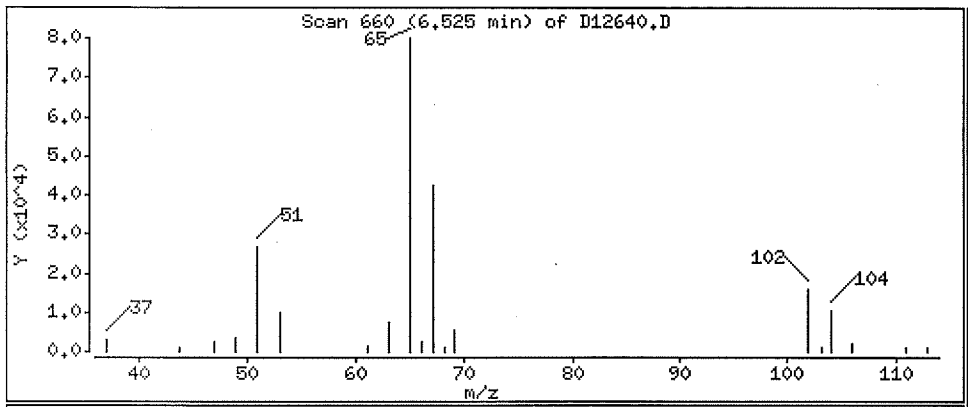
Operator: GFB

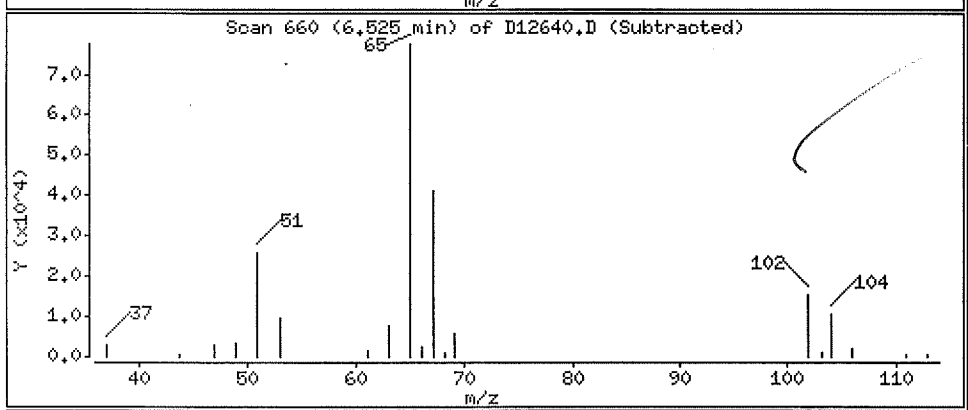
Column phase: J&W DB-624

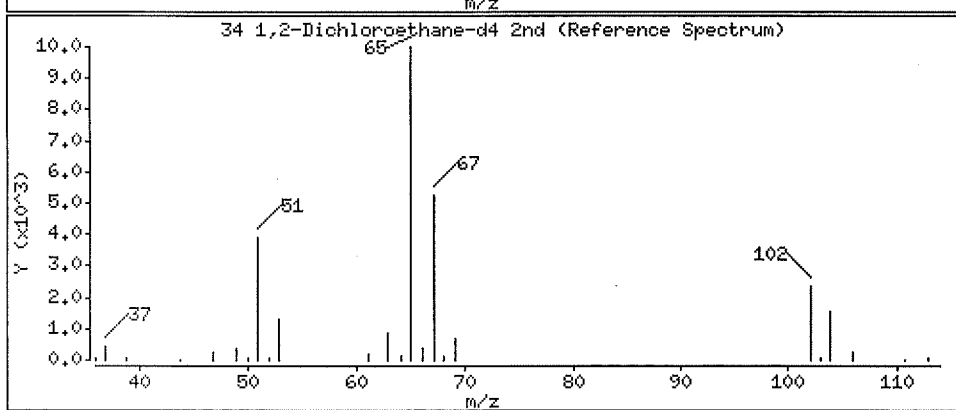
Column diameter: 0.53

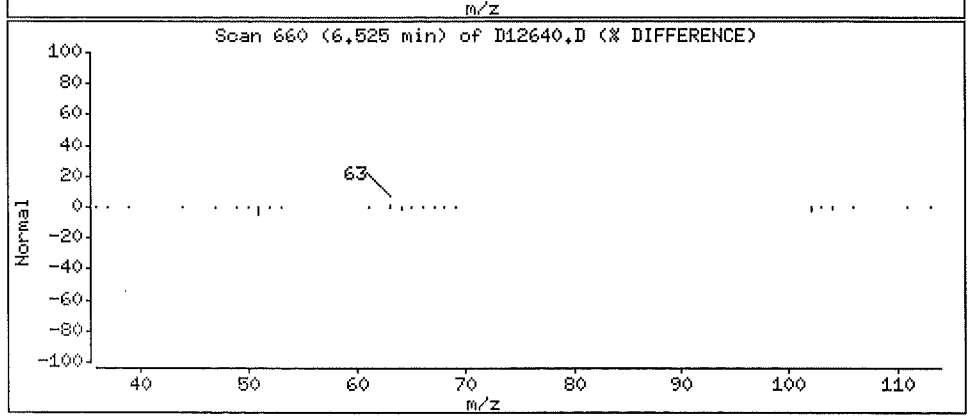
34 1,2-Dichloroethane-d4 2nd

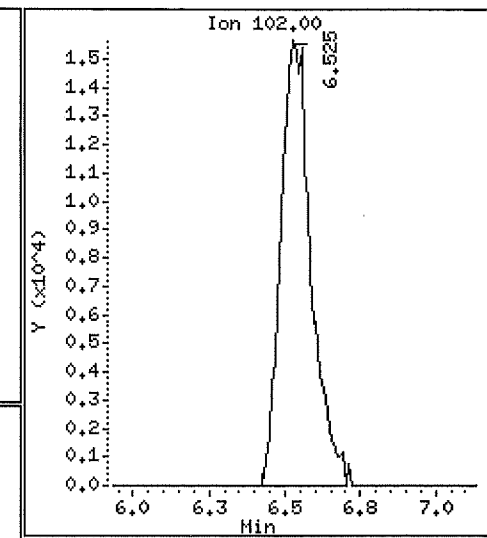
Concentration: 39.83 ug/Kg

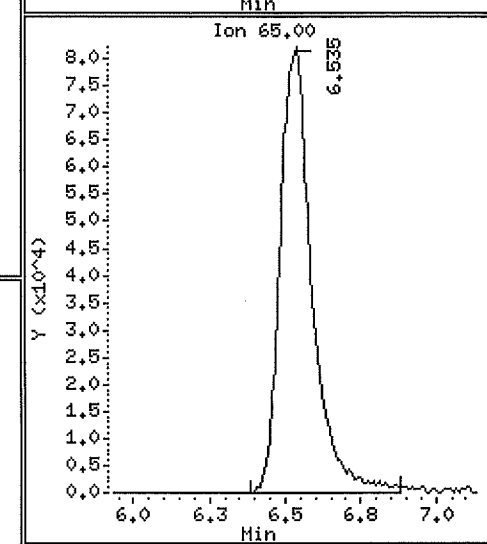












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12640.D

Date : 02-OCT-2000 14:10

Client ID: D12640

Instrument: md.i

Sample Info: DL3GT101,,2,,0,1,0,8260BDA,M,D12640

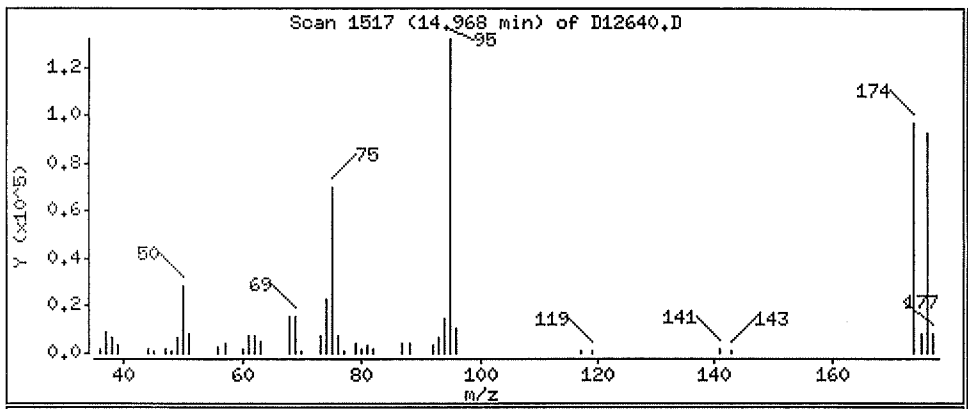
Operator: GFB

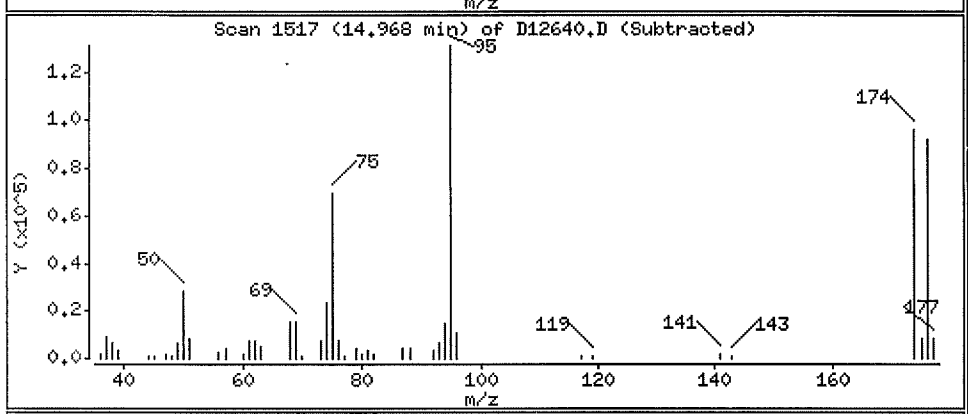
Column phase: J&W DB-624

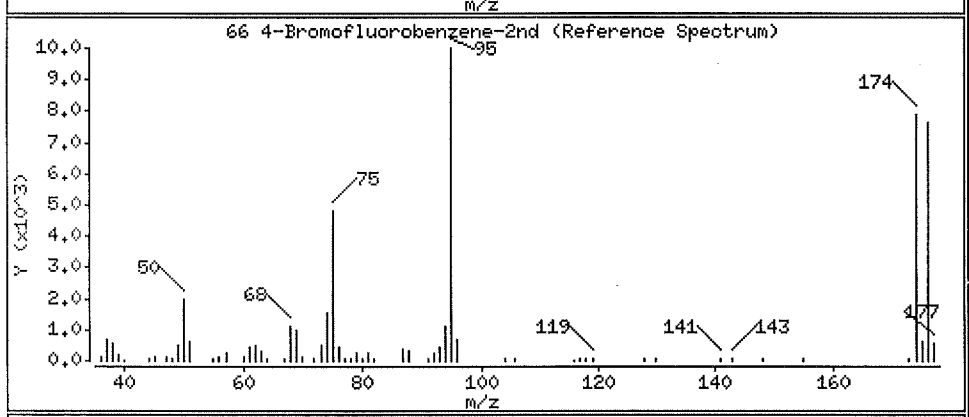
Column diameter: 0.53

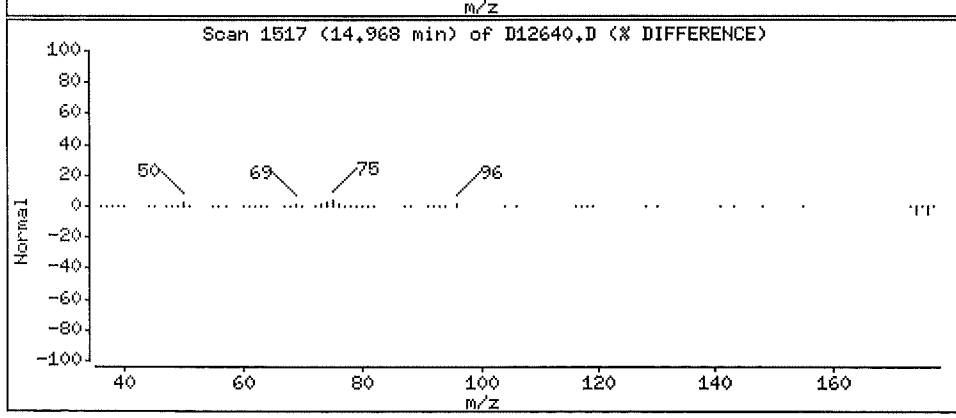
66 4-Bromofluorobenzene-2nd

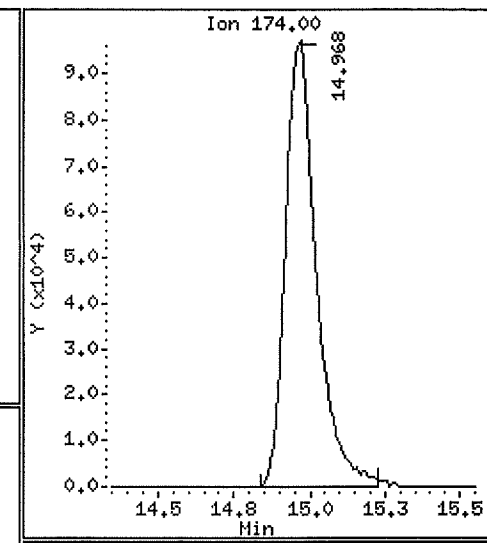
Concentration: 45.56 ug/Kg

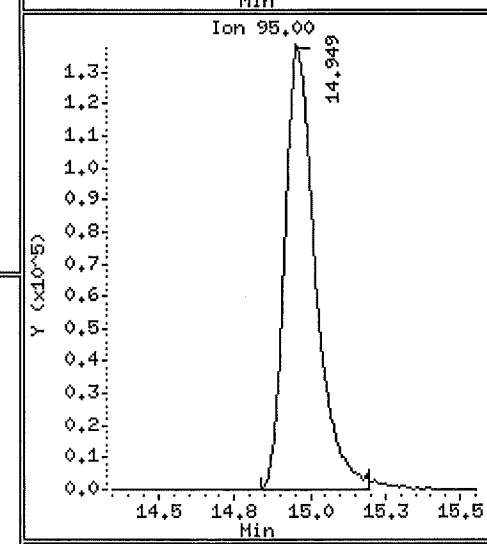


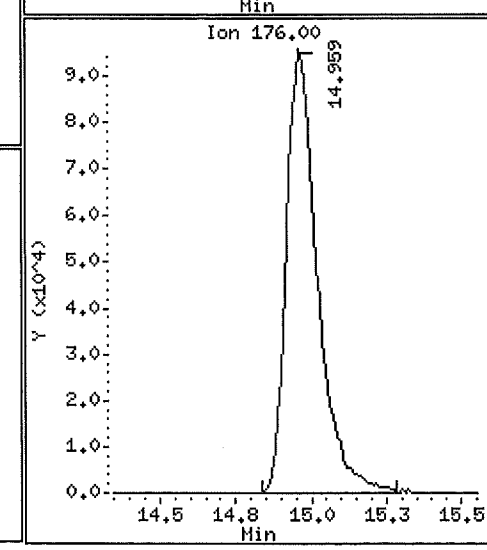












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12640.D

Date : 02-OCT-2000 14:10

Client ID: D12640

Instrument: md.i

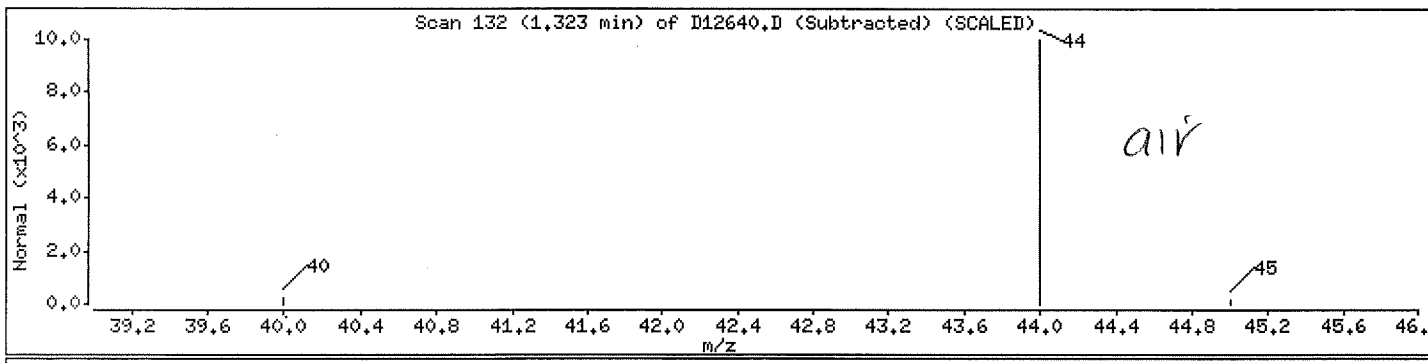
Sample Info: DL3GT101,,2,,0,1,0,8260BDA.M,D12640

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



000810

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1002AD.B\D12641.D
Lab Smp Id: DL3GW101 Client Smp ID: D12641
Inj Date : 02-OCT-2000 14:41
Operator : GFB Inst ID: md.i
Smp Info : DL3GW101,,2,,0,1,0,8260BDA.M,D12641
Misc Info : 285-24,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.996	5.992	(0.845)	805123	47.7547	47.75
$ 33 1,2-Dichloroethane-d4	65	6.528	6.524	(0.920)	586582	47.2533	47.25
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.534	(0.918)	103017	38.8760	38.88
36 1,2-Dichloroethane	62	7.100	6.653	(1.000)	25207	1.84809	1.85(aQ)
* 38 Fluorobenzene	96	7.100	7.096	(1.000)	1244407	50.0000	
$ 47 Toluene-d8	98	9.927	9.924	(0.786)	1137980	47.2196	47.22
* 56 Chlorobenzene-d5	117	12.627	12.613	(1.000)	1087557	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.962	14.948	(0.866)	671309	46.3453	46.34
$ 67 4-Bromofluorobenzene	95	14.962	14.948	(0.866)	947937	45.2467	45.25
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.263	(1.000)	759383	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\1002AD.B\D12641.D
Lab Smp Id: DL3GW101 Client Smp ID: D12641
Inj Date : 02-OCT-2000 14:41
Operator : GFB Inst ID: md.i
Smp Info : DL3GW101,,2,,0,1,0,8260BDA.M,D12641
Misc Info : 285-24,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.100	3005336	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	598650	9.95977739	9.96	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GW101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12641
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	9.96	J

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12641.D

Date : 02-OCT-2000 14:41

Client ID: D12641

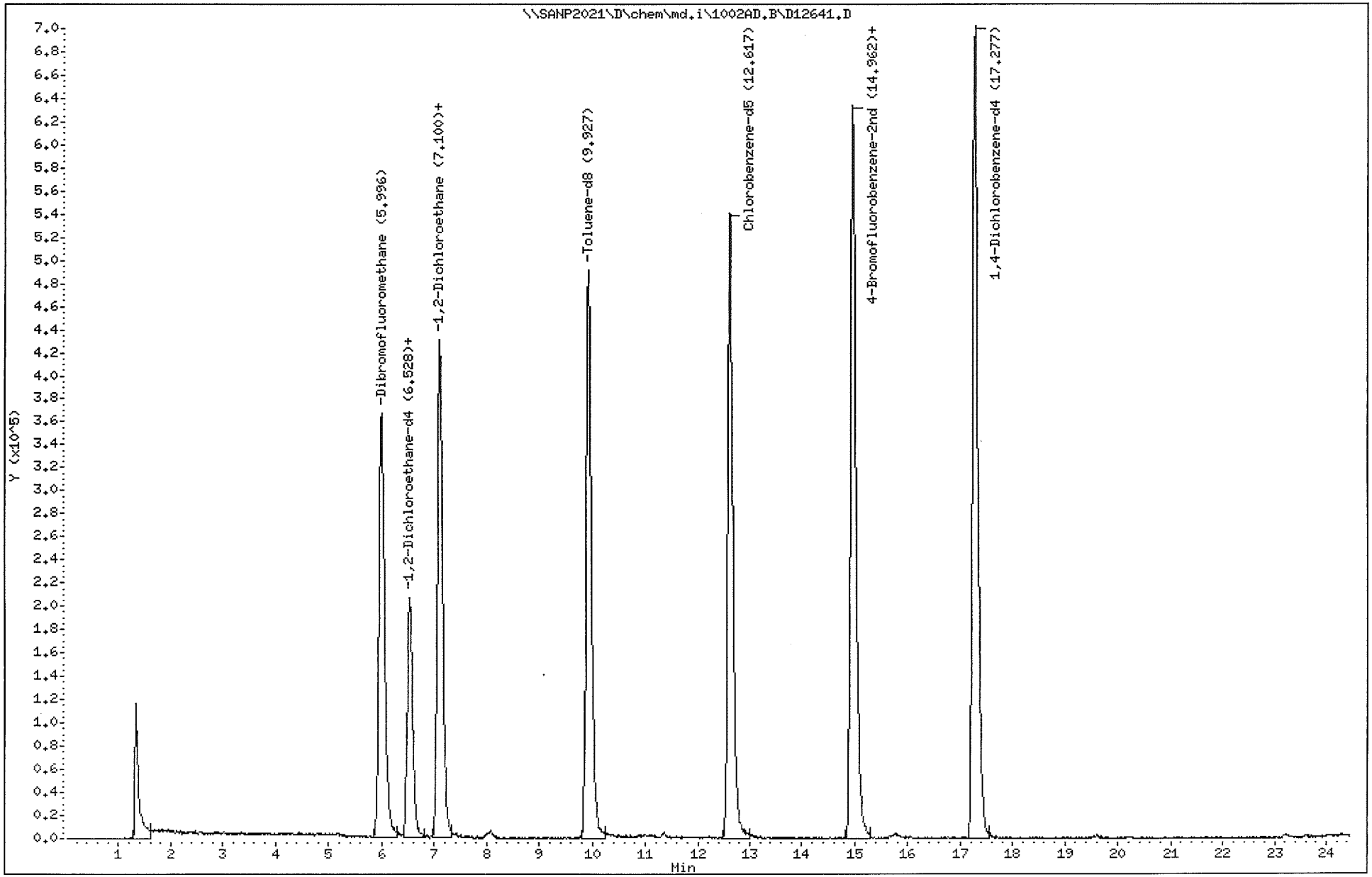
Sample Info: DL3GW101,,2,,0,1,0,8260BDA.M,D12641

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000815

BOE-C6-0156356

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12641.D

Date : 02-OCT-2000 14:41

Client ID: D12641

Instrument: md.i

Sample Info: DL3GW101,,2,,0,1,0,8260BDA,M,D12641

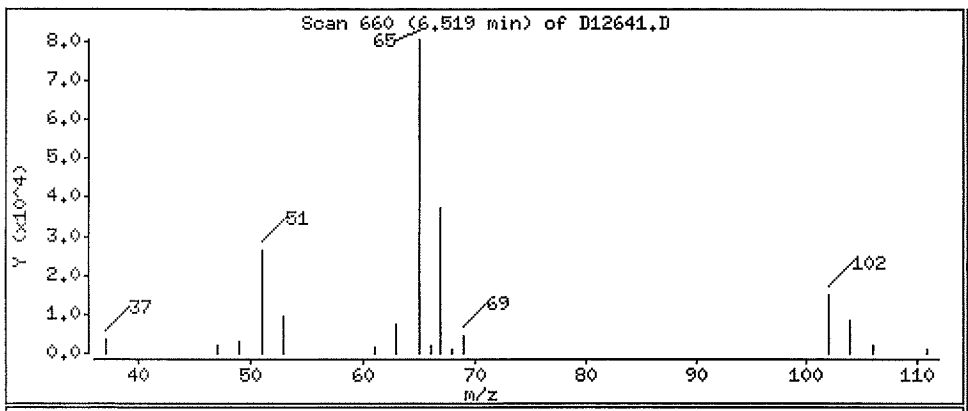
Operator: GFB

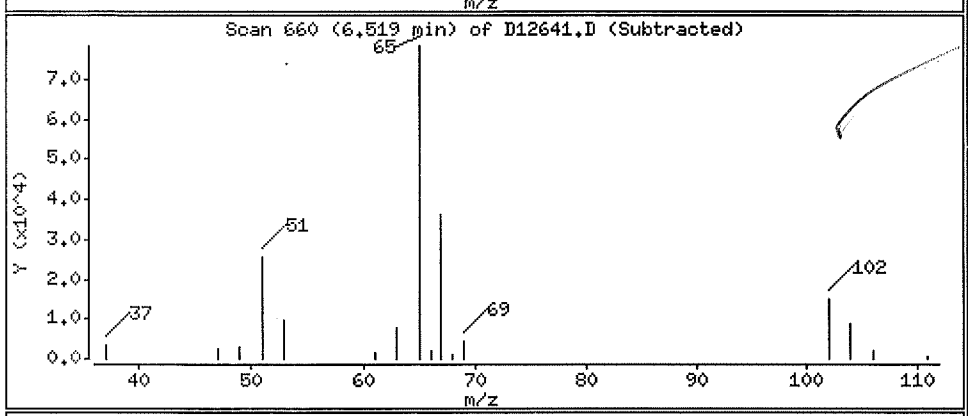
Column phase: J&W DB-624

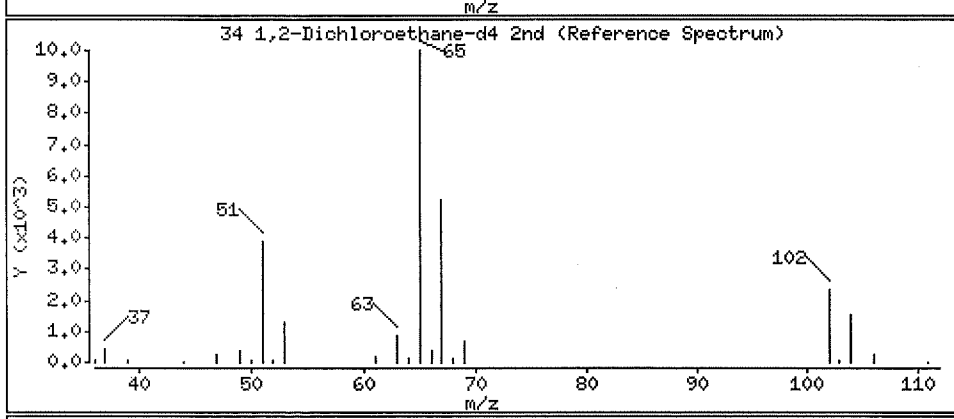
Column diameter: 0.53

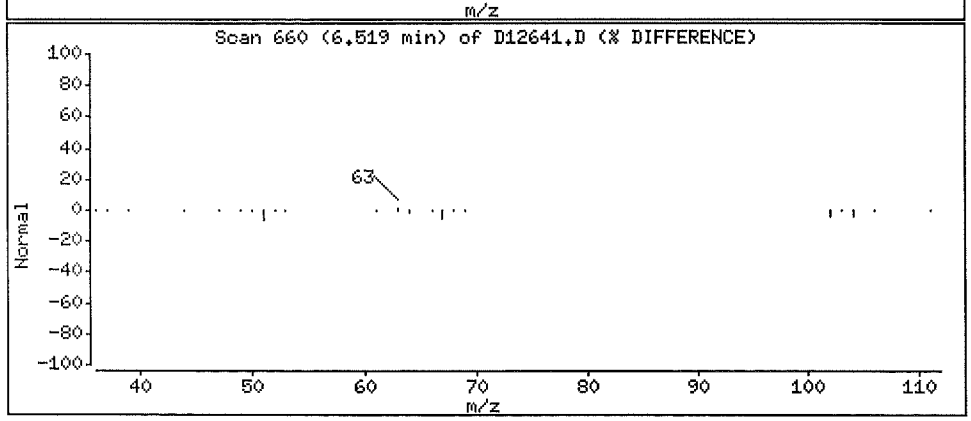
34 1,2-Dichloroethane-d4 2nd

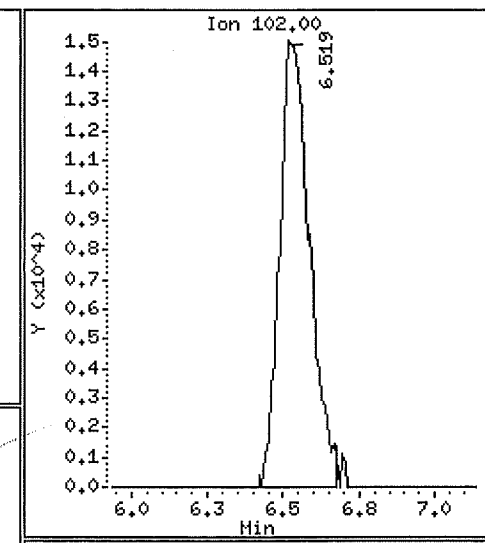
Concentration: 38.88 ug/Kg

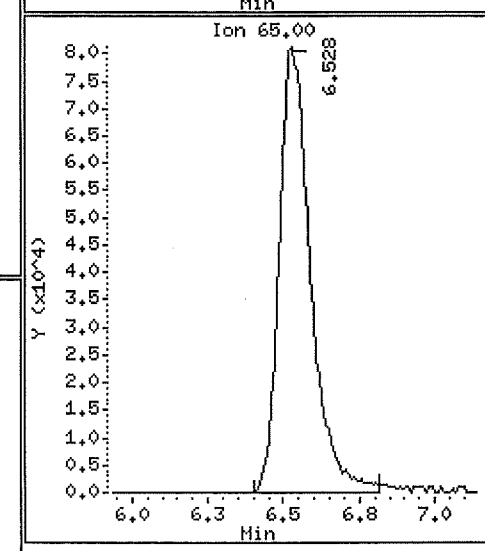












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12641.D

Date : 02-OCT-2000 14:41

Client ID: D12641

Instrument: md.i

Sample Info: DL3GW101,,2,,0,1,0,8260BDA.M,D12641

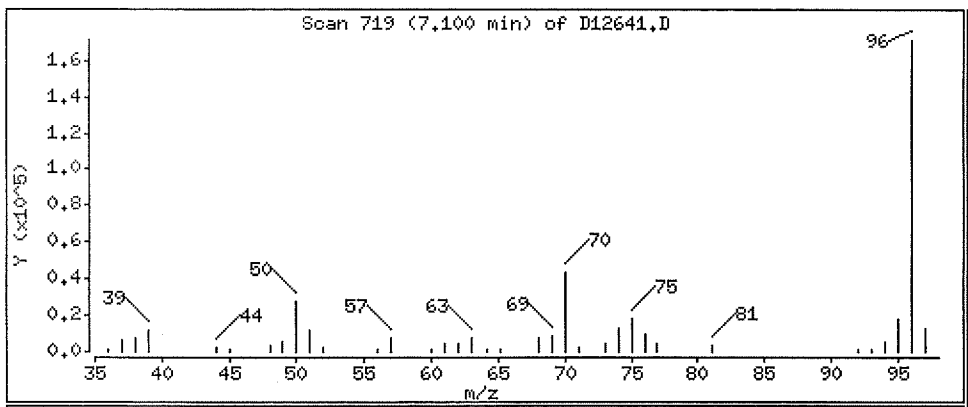
Operator: GFB

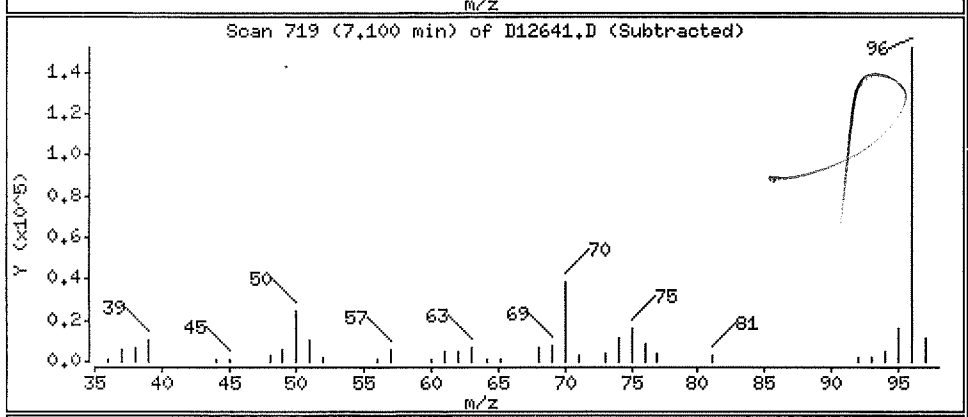
Column phase: J&W DB-624

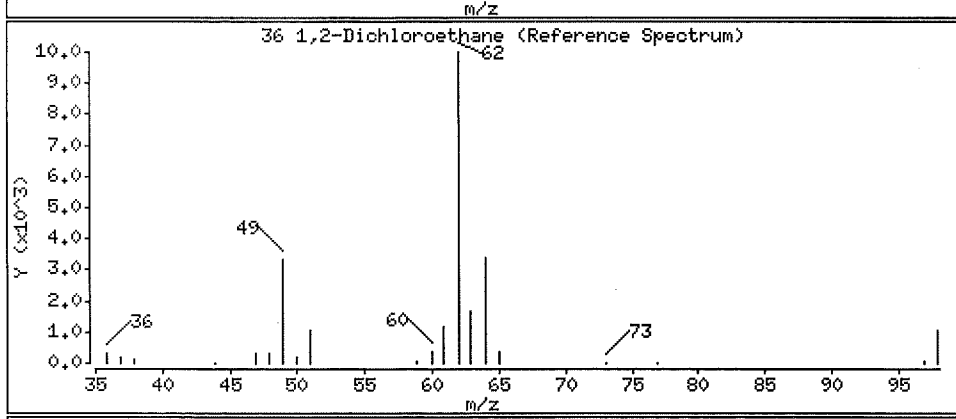
Column diameter: 0.53

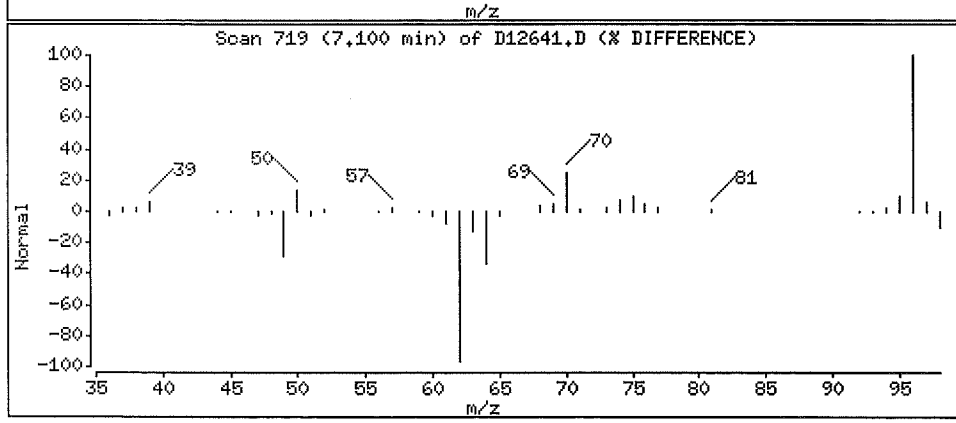
36 1,2-Dichloroethane

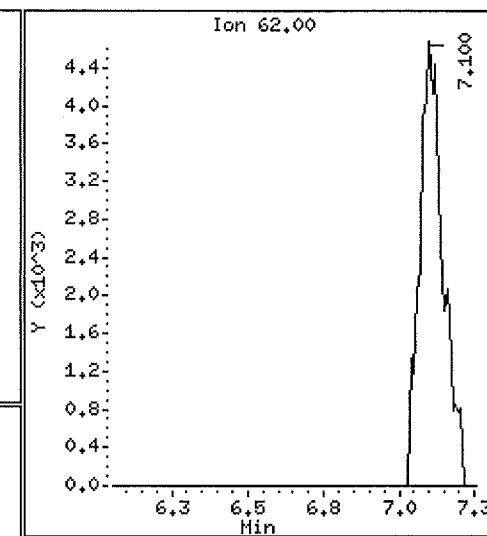
Concentration: 1.85 ug/Kg

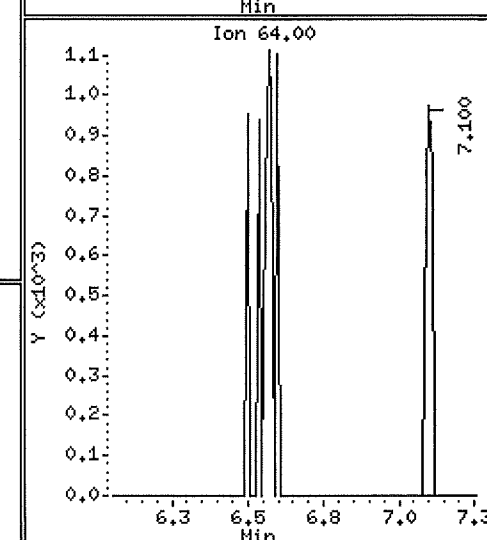


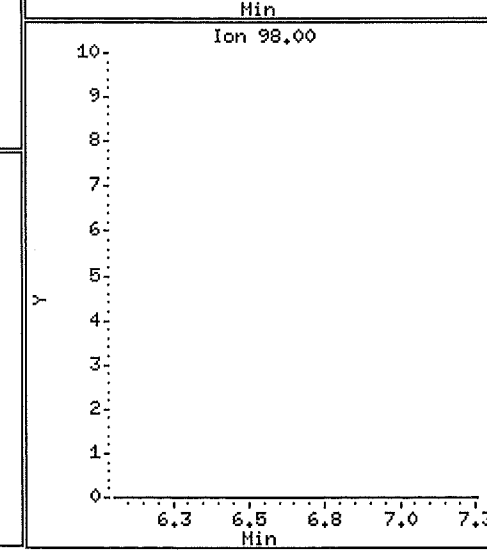












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12641.D

Date : 02-OCT-2000 14:41

Client ID: D12641

Instrument: md.i

Sample Info: DL3GW101,,2,,0,1,0,8260BDA.M,D12641

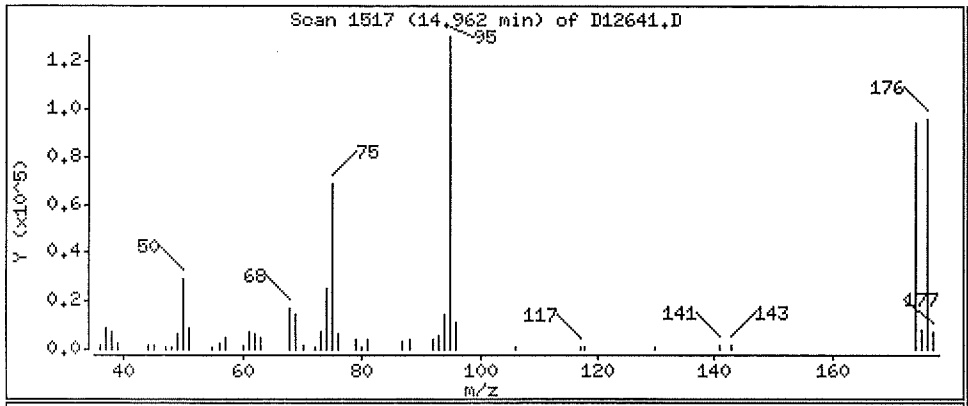
Operator: GFB

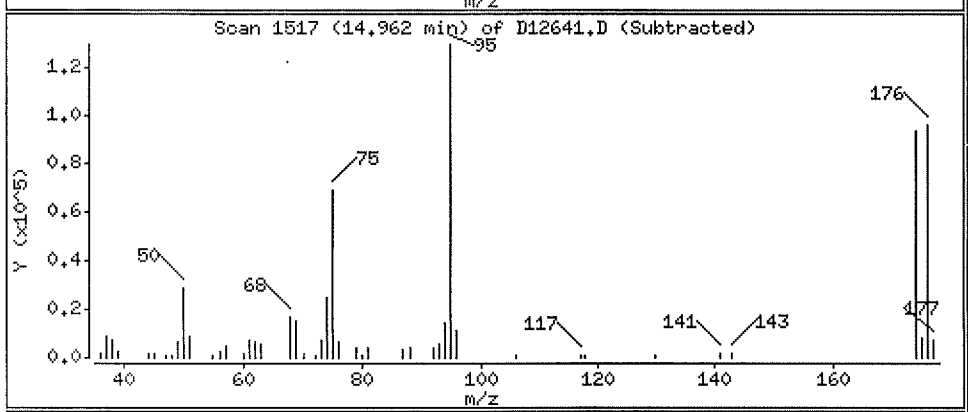
Column phase: J&W DB-624

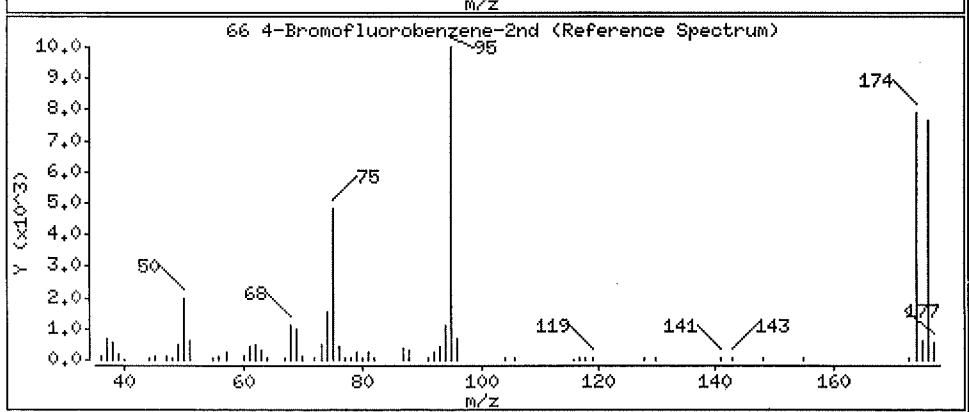
Column diameter: 0.53

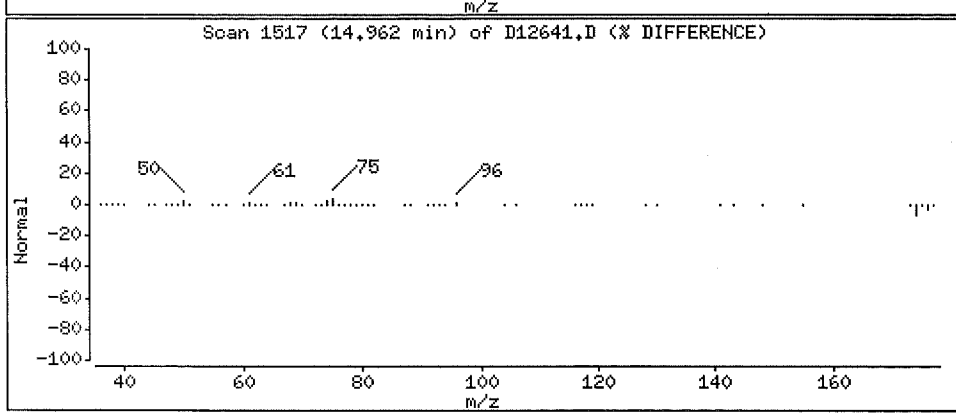
66 4-Bromofluorobenzene-2nd

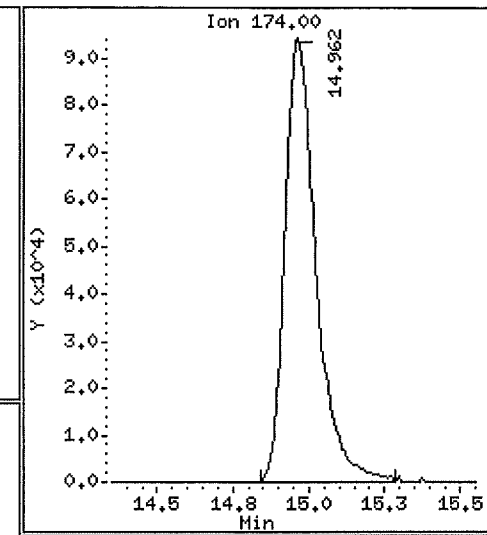
Concentration: 46.34 ug/Kg

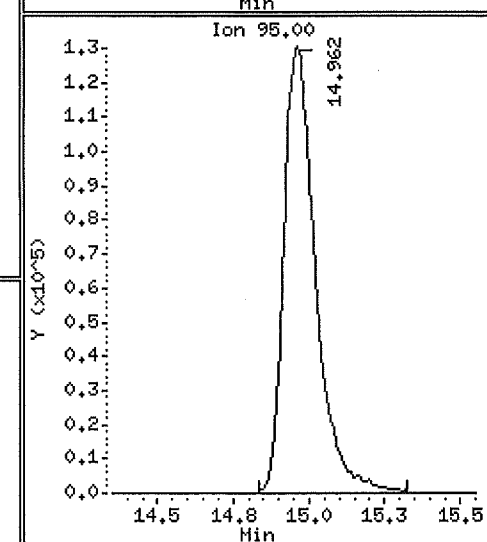


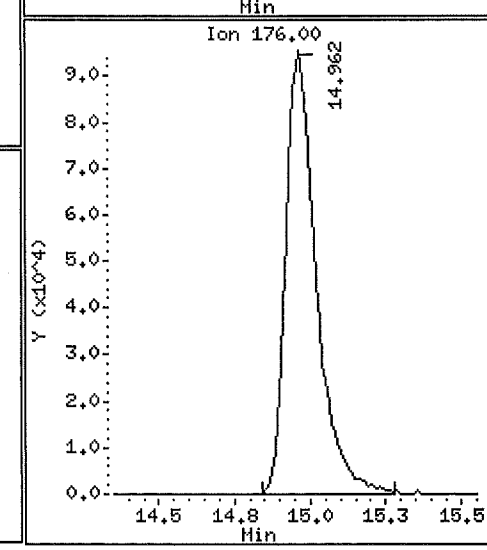












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12641.D

Date : 02-OCT-2000 14:41

Client ID: D12641

Instrument: md.i

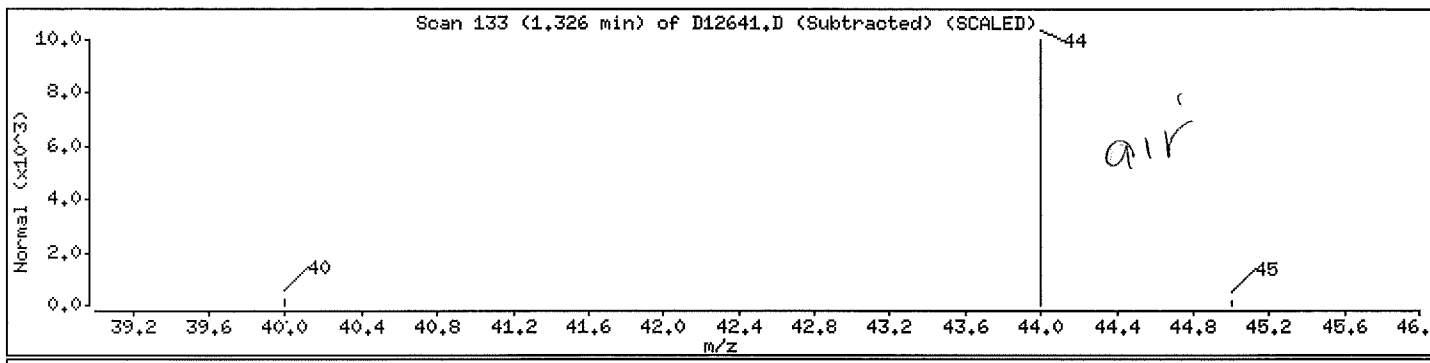
Sample Info: DL3GW101,,2,,0,1,0,8260BDA.M,D12641

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\1002AD.B\D12642.D
Lab Smp Id: DL3GX101 Client Smp ID: D12642
Inj Date : 02-OCT-2000 15:13
Operator : GFB Inst ID: md.i
Smp Info : DL3GX101,,2,,0,1,0,8260BDA.M,D12642
Misc Info : 285-25,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.997	5.992	(0.843)	831557	48.8685	48.87	
$ 33 1,2-Dichloroethane-d4	65	6.529	6.524	(0.918)	586596	46.8193	46.82	
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.534	(0.918)	109895	41.0897	41.09	
* 38 Fluorobenzene	96	7.111	7.096	(1.000)	1255971	50.0000		
$ 47 Toluene-d8	98	9.928	9.924	(0.787)	1136728	47.7640	47.76	
* 56 Chlorobenzene-d5	117	12.618	12.613	(1.000)	1073978	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.963	14.948	(0.866)	661362	47.4155	47.42	
$ 67 4-Bromofluorobenzene	95	14.953	14.948	(0.865)	920971	45.6512	45.65	
* 79 1,4-Dichlorobenzene-d4	152	17.278	17.263	(1.000)	731245	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\1002AD.B\D12642.D
Lab Smp Id: DL3GX101 Client Smp ID: D12642
Inj Date : 02-OCT-2000 15:13
Operator : GFB Inst ID: md.i
Smp Info : DL3GX101,,2,,0,1,0,8260BDA.M,D12642
Misc Info : 285-25,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.111	3020585	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	598187	9.90183528	9.90	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3GX101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12642
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	9.90	J

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12642.D

Date : 02-OCT-2000 15:13

Client ID: D12642

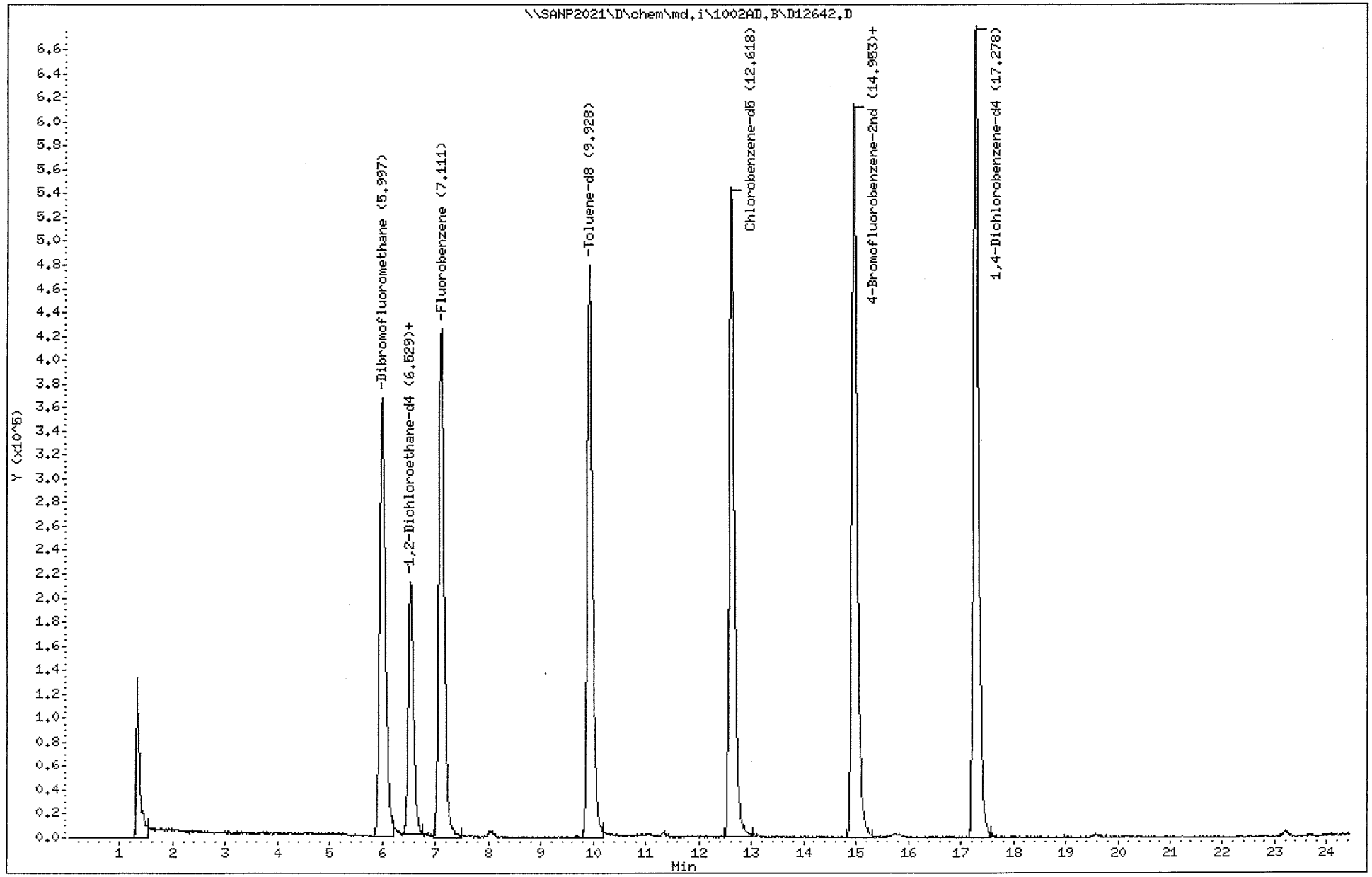
Instrument: md.i

Sample Info: DL3GX101,,2,,0,1,0,8260BDA.M,D12642

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000823

BOE-C6-0156364

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12642.D

Date : 02-OCT-2000 15:13

Client ID: D12642

Instrument: md.i

Sample Info: DL3GX101,,2,,0,1,0,8260BDA,M,D12642

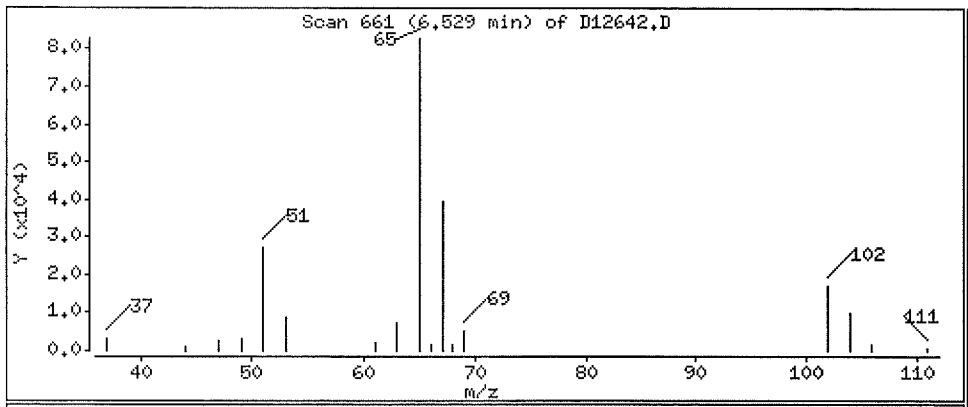
Operator: GFB

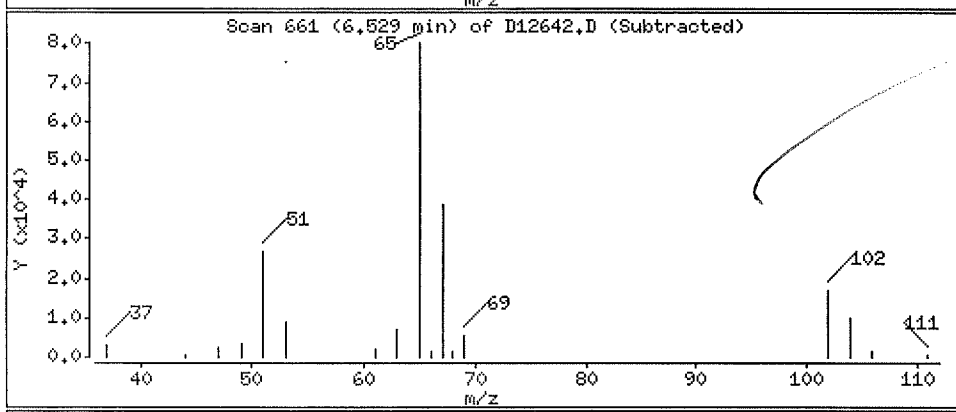
Column phase: J&W DB-624

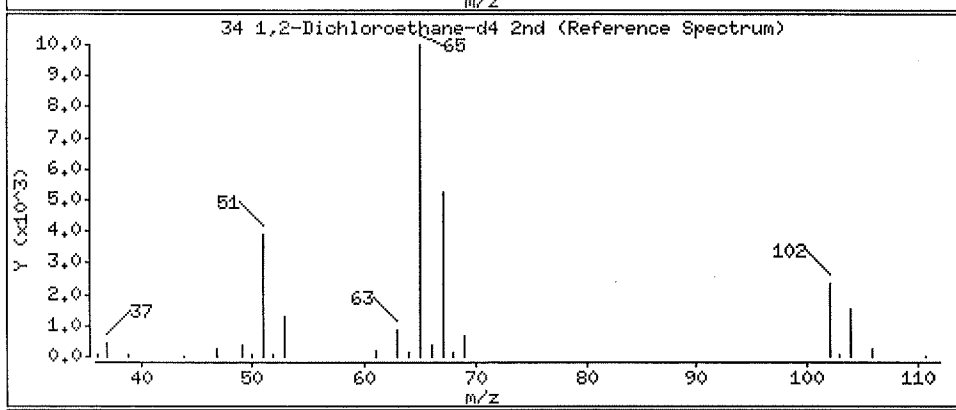
Column diameter: 0.53

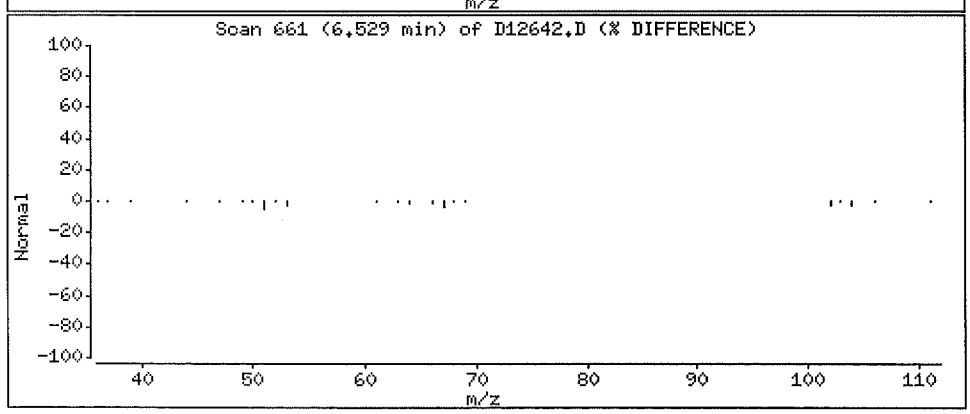
34 1,2-Dichloroethane-d4 2nd

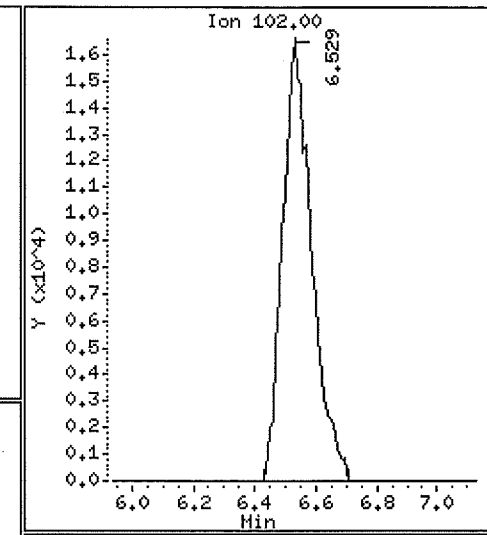
Concentration: 41.09 ug/Kg

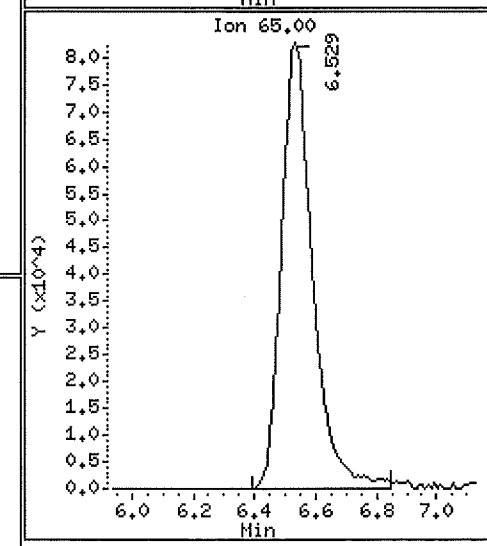












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12642.D

Date : 02-OCT-2000 15:13

Client ID: D12642

Instrument: md.i

Sample Info: DL3GX101,,2,,0,1,0,8260BDA,M,D12642

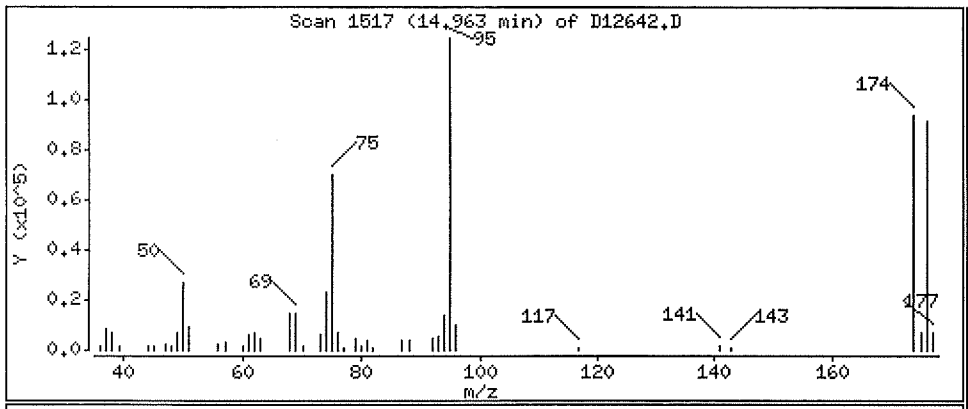
Operator: GFB

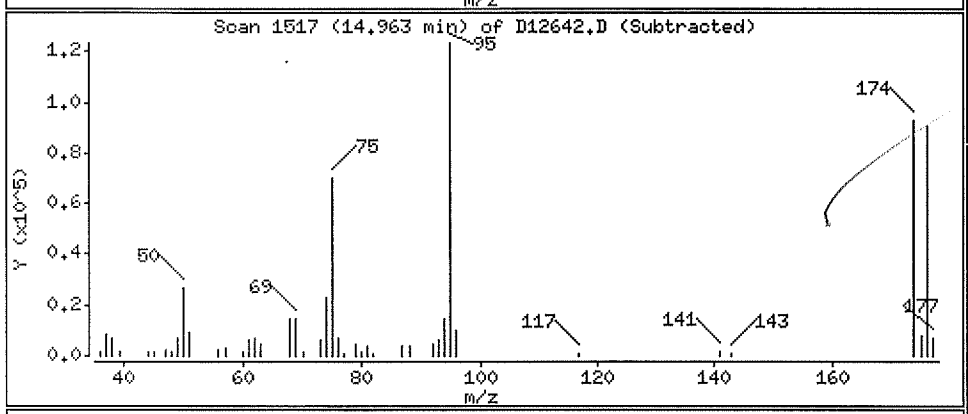
Column phase: J&W DB-624

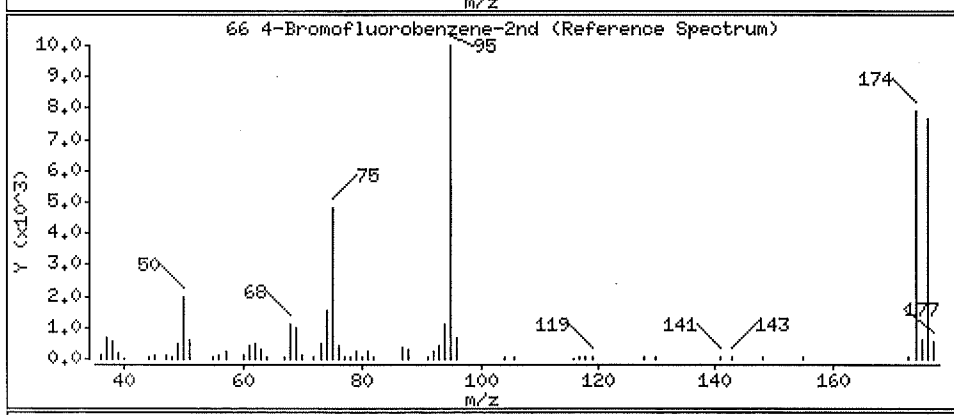
Column diameter: 0.53

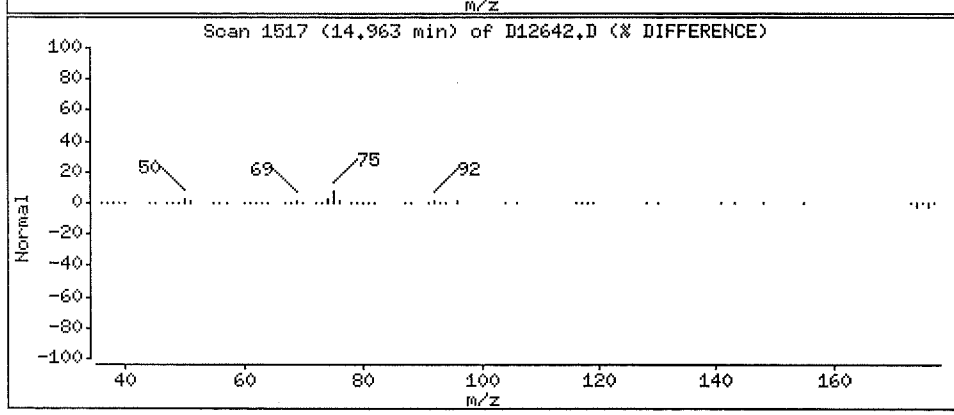
66 4-Bromofluorobenzene-2nd

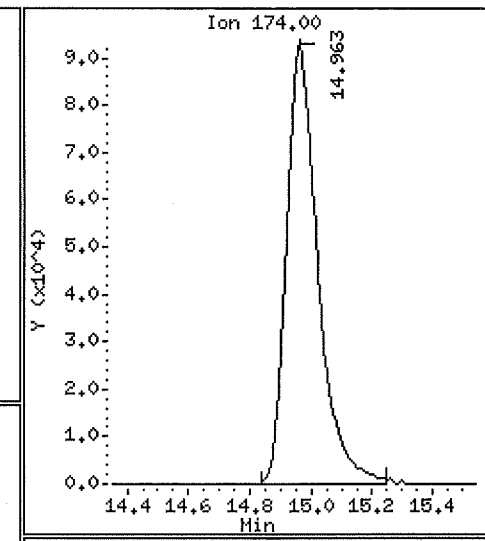
Concentration: 47.42 ug/Kg

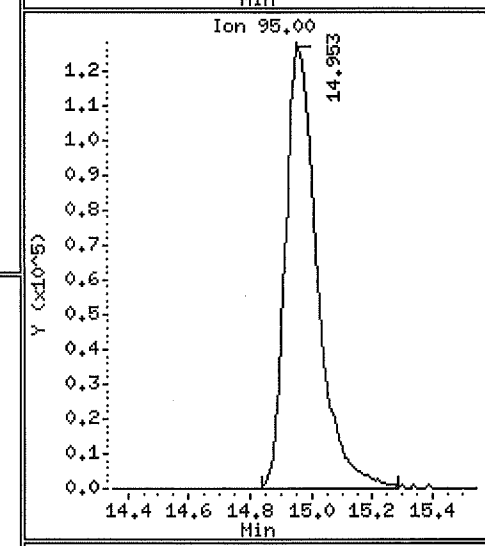


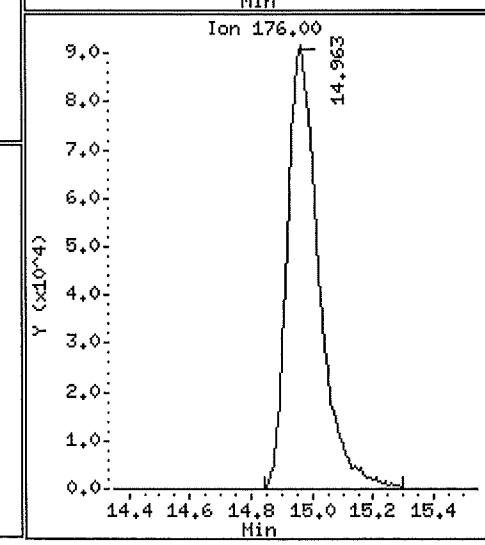












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12642.D

Date : 02-OCT-2000 15:13

Client ID: D12642

Instrument: md.i

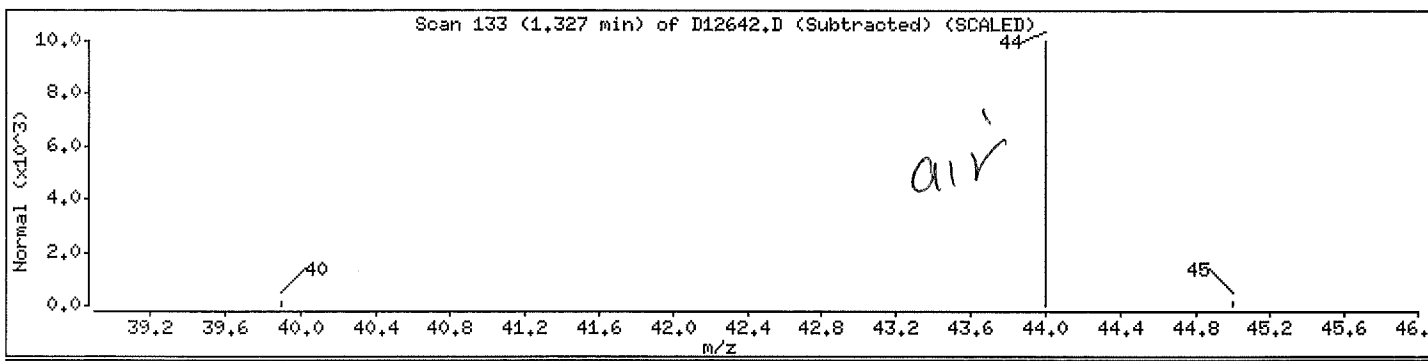
Sample Info: DL3GX101,,2,,0,1,0,8260BDA.M,D12642

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



000826

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1002AD.B\D12643.D
Lab Smp Id: DL3H2101 Client Smp ID: D12643
Inj Date : 02-OCT-2000 15:45
Operator : GFB Inst ID: md.i
Smp Info : DL3H2101,,2,,0,1,0,8260BDA.M,D12643
Misc Info : 285-26,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.997	5.992	(0.843)	799450	48.0971	48.10
$ 33 1,2-Dichloroethane-d4	65	6.529	6.524	(0.918)	562097	45.9290	45.93
34 1,2-Dichloroethane-d4 2nd	102	6.539	6.534	(0.920)	105447	40.3625	40.36
36 1,2-Dichloroethane	62	7.130	6.653	(1.003)	24760	1.84127	1.84(aQ)
* 38 Fluorobenzene	96	7.110	7.096	(1.000)	1226844	50.0000	
$ 47 Toluene-d8	98	9.928	9.924	(0.786)	1129681	46.8085	46.81
* 56 Chlorobenzene-d5	117	12.627	12.613	(1.000)	1089108	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.962	14.948	(0.866)	669651	46.2325	46.23
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.865)	938728	44.8088	44.81
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.263	(1.000)	759355	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\1002AD.B\D12643.D
Lab Smp Id: DL3H2101 Client Smp ID: D12643
Inj Date : 02-OCT-2000 15:45
Operator : GFB Inst ID: md.i
Smp Info : DL3H2101,,2,,0,1,0,8260BDA.M,D12643
Misc Info : 285-26,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.110	2952312	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	610395	10.3375715	10.34	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3H2101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12643
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

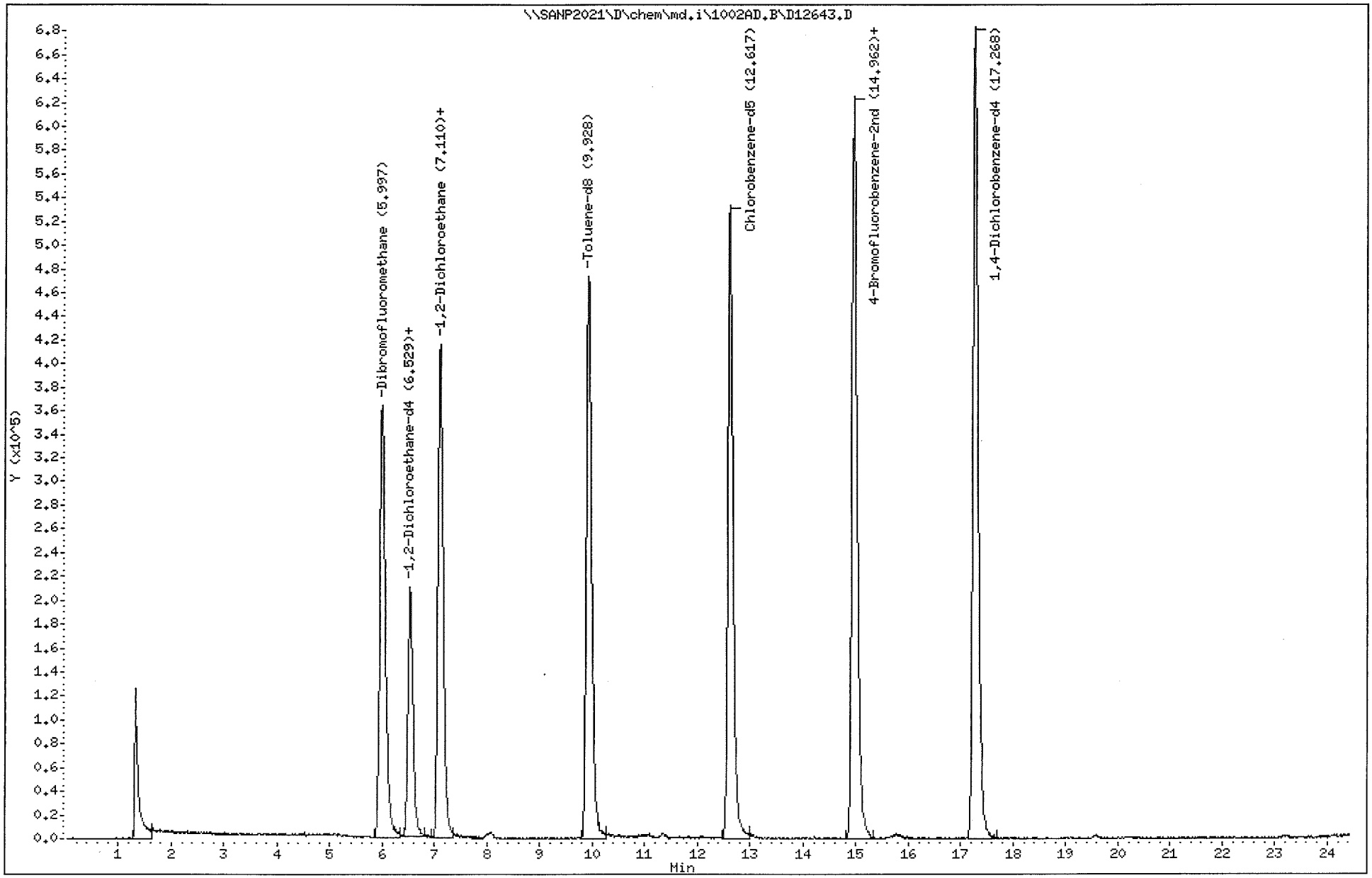
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.327	10.34	J

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12643.D
Date : 02-OCT-2000 15:45
Client ID: D12643
Sample Info: DL3H2101,,2,,0,1,0,8260BDA.M,D12643

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



000831

BOE-C6-0156372

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12643.D

Date : 02-OCT-2000 15:45

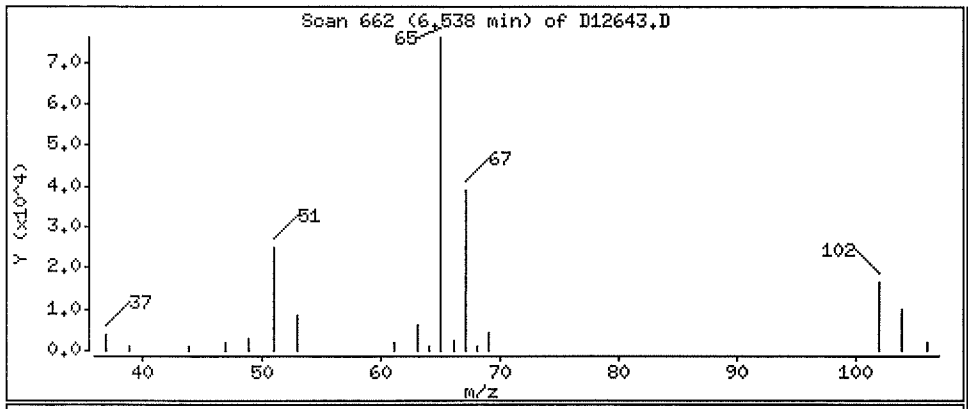
Client ID: D12643 Instrument: md.i

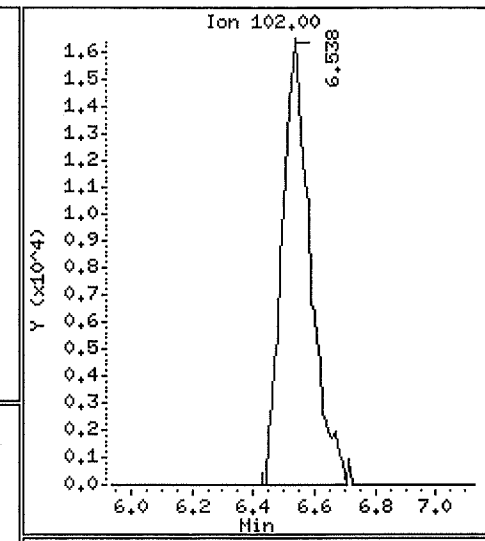
Sample Info: DL3H2101,,2,,0,1,0,8260BDA.M,D12643

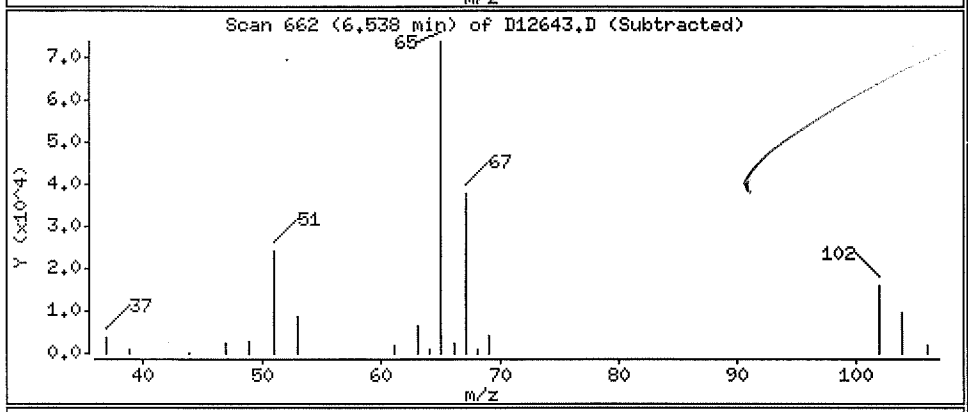
Operator: GFB

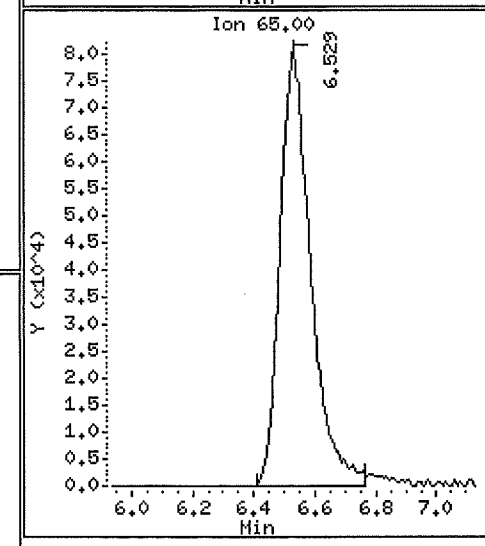
Column phase: J&W DB-624 Column diameter: 0.53

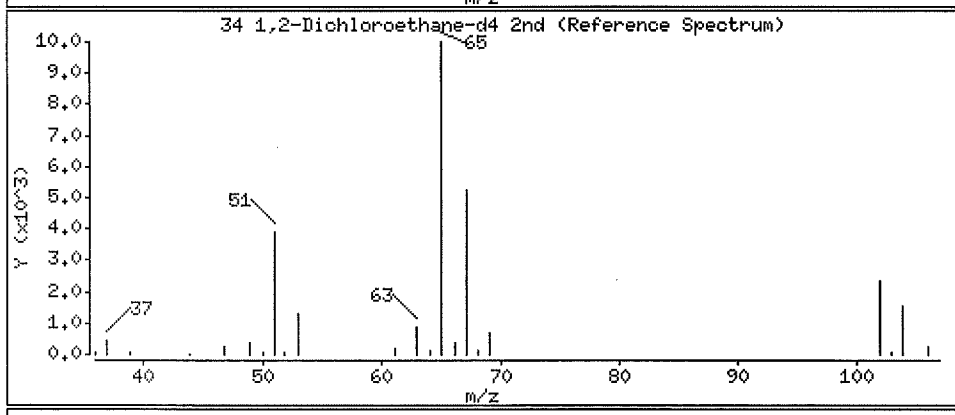
34 1,2-Dichloroethane-d4 2nd Concentration: 40.36 ug/Kg

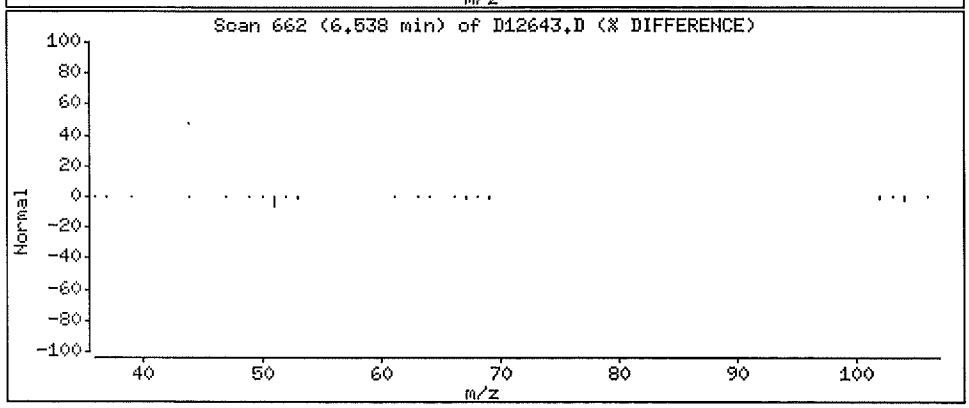












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12643.D

Date : 02-OCT-2000 15:45

Client ID: D12643

Instrument: md.i

Sample Info: DL3H2101,,2,,0,1,0,8260BDA.M,D12643

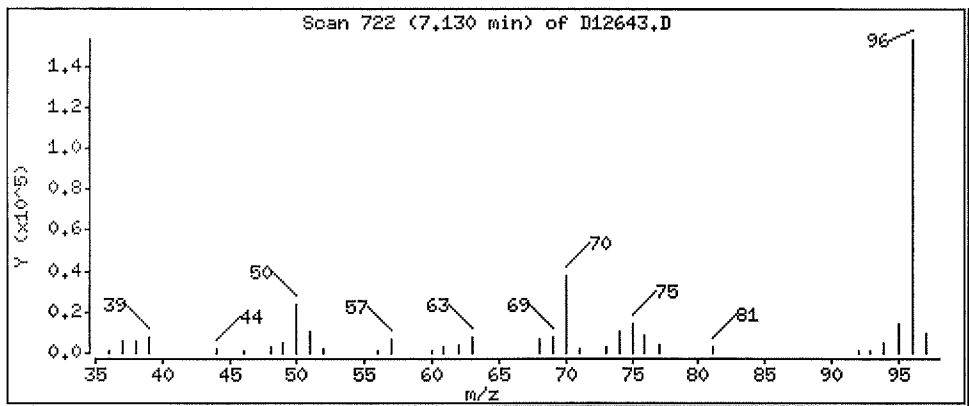
Operator: GFB

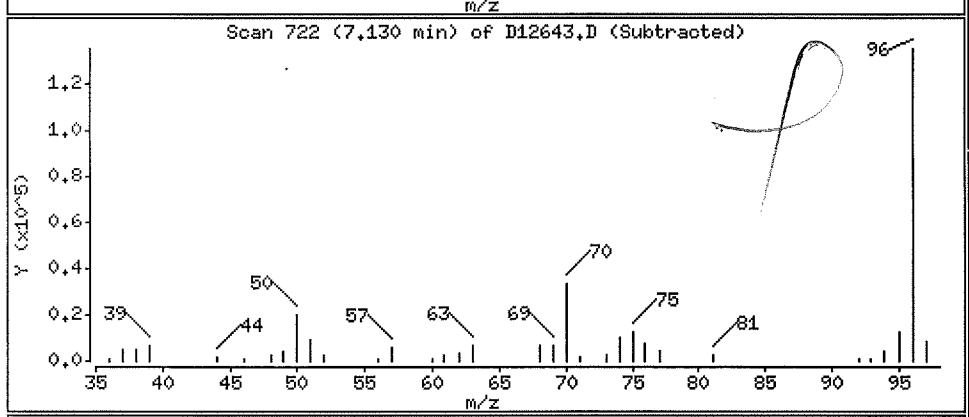
Column phase: J&W DB-624

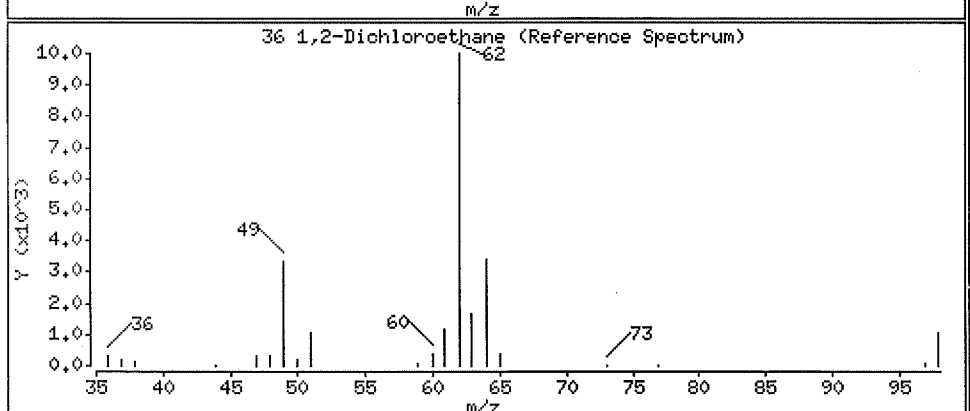
Column diameter: 0.53

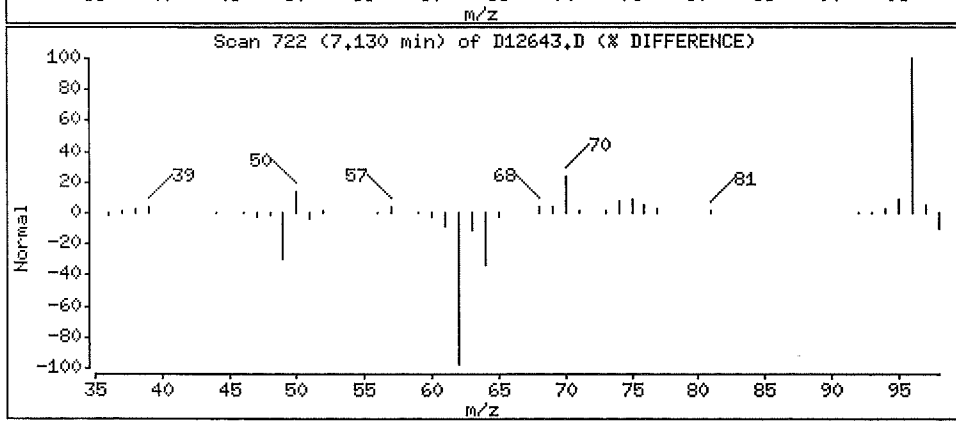
36 1,2-Dichloroethane

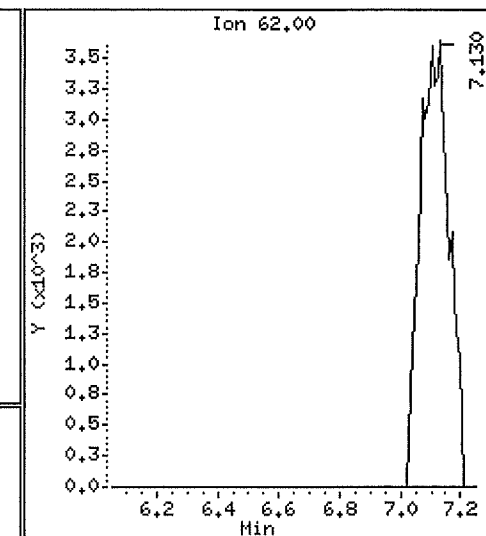
Concentration: 1.84 ug/Kg

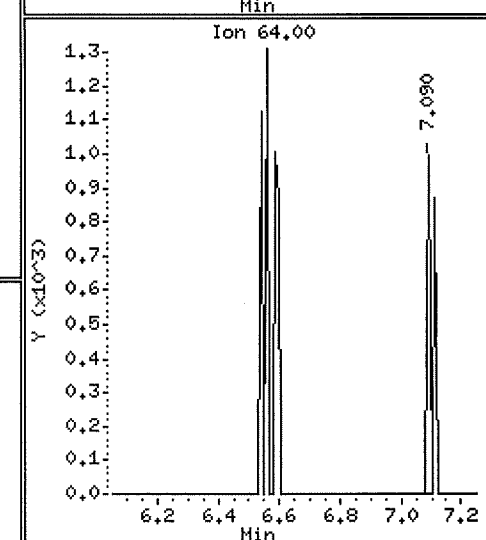


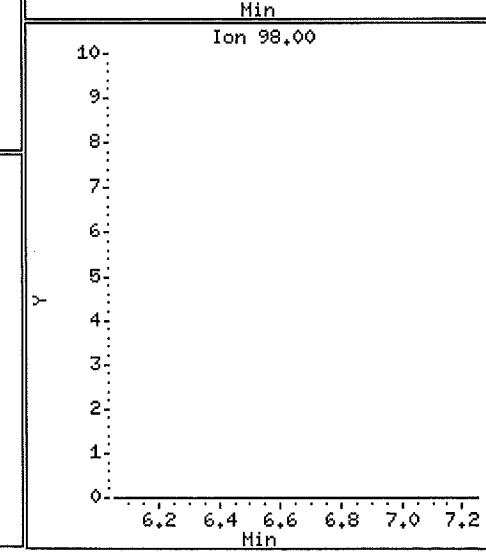












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12643.D

Date : 02-OCT-2000 15:45

Client ID: D12643

Instrument: md.i

Sample Info: DL3H2101,,2,,0,1,0,8260BDA.M,D12643

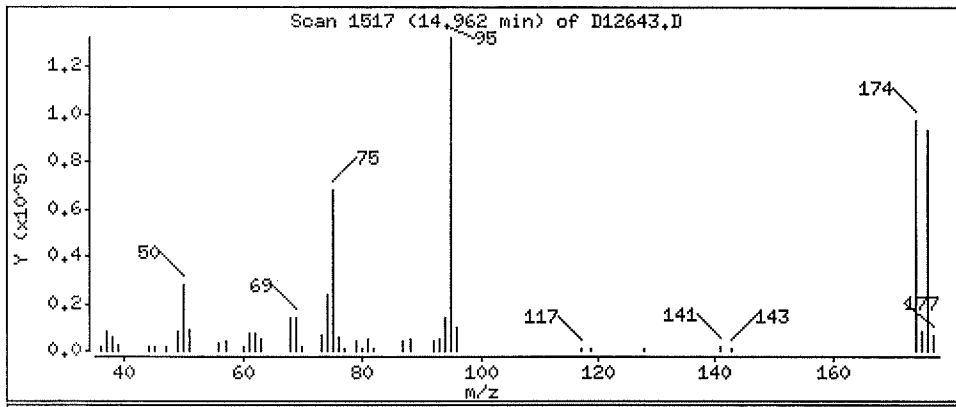
Operator: GFB

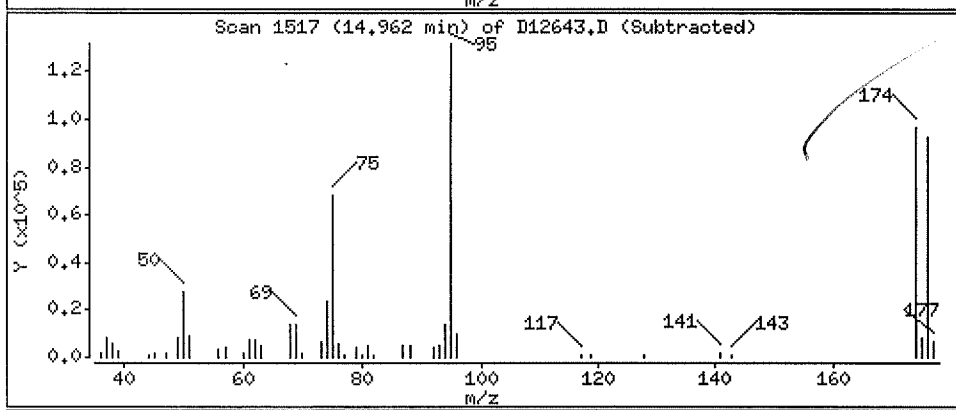
Column phase: J&W DB-624

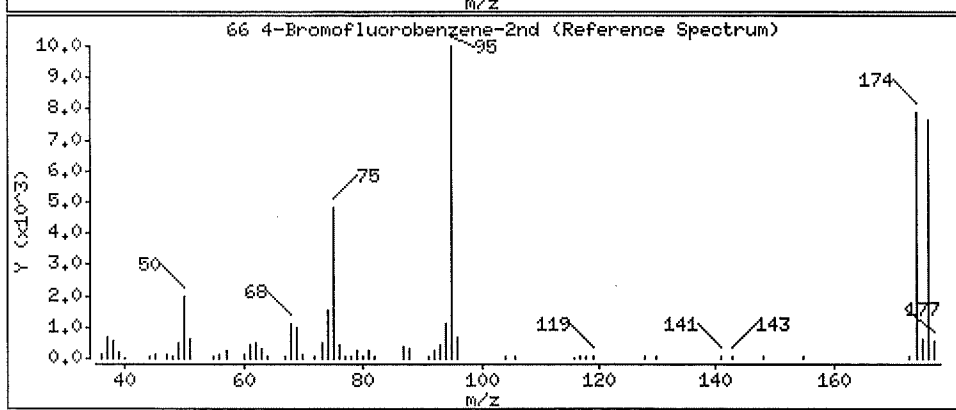
Column diameter: 0.53

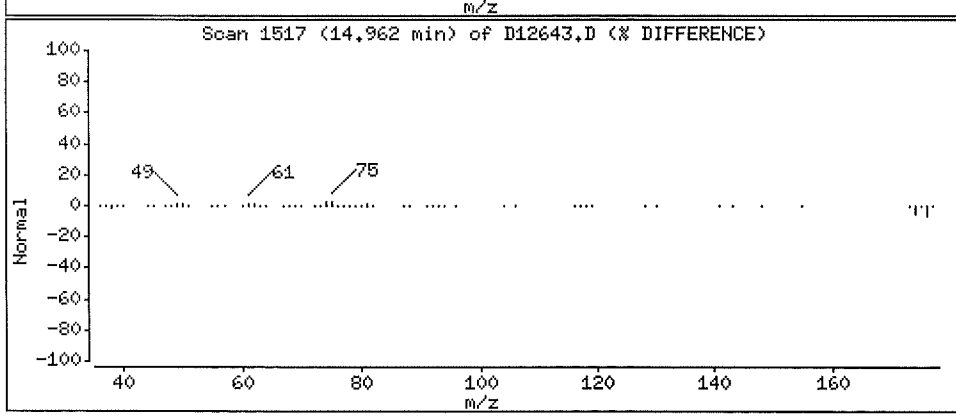
66 4-Bromofluorobenzene-2nd

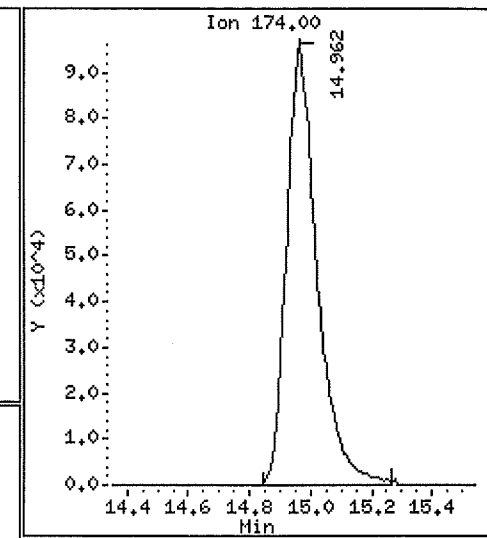
Concentration: 46.23 ug/Kg

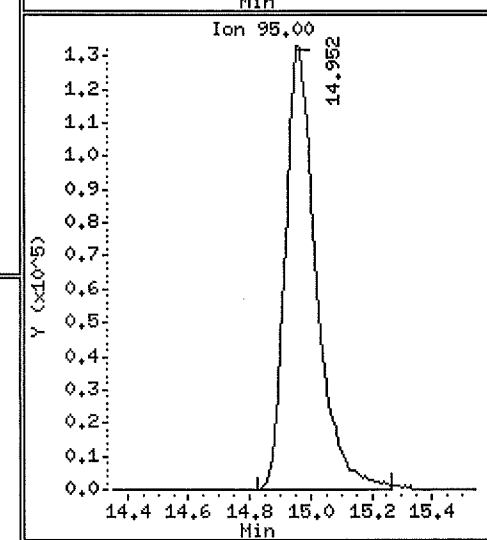


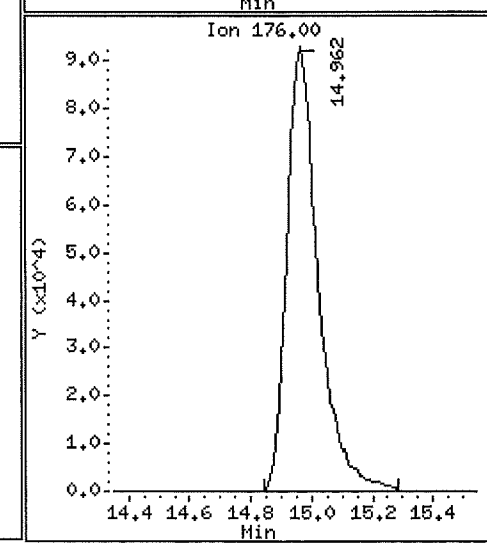












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12643.D

Date : 02-OCT-2000 15:45

Client ID: D12643

Instrument: md.i

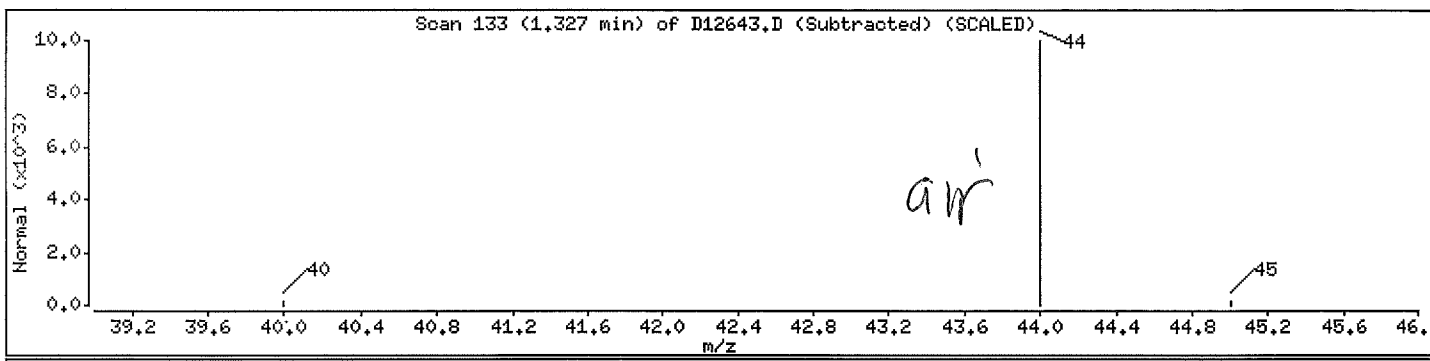
Sample Info: DL3H2101,,2,,0,1,0,8260BDA.M,D12643

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\1002AD.B\D12644.D
Lab Smp Id: DL3H3101 Client Smp ID: D12644
Inj Date : 02-OCT-2000 16:17
Operator : GFB Inst ID: md.i
Smp Info : DL3H3101,,2,,0,1,0,8260BDA.M,D12644
Misc Info : 285-27,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.106	2972373	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	514884	8.66116527	8.66	0		0	38

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1002AD.B\D12644.D
Lab Smp Id: DL3H3101 Client Smp ID: D12644
Inj Date : 02-OCT-2000 16:17
Operator : GFB Inst ID: md.i
Smp Info : DL3H3101,,2,,0,1,0,8260BDA.M,D12644
Misc Info : 285-27,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.993	5.992	(0.843)	816064	49.6565	49.66
$ 33 1,2-Dichloroethane-d4	65	6.525	6.524	(0.918)	550263	45.4749	45.47
34 1,2-Dichloroethane-d4 2nd	102	6.535	6.534	(0.920)	106123	41.0846	41.08
36 1,2-Dichloroethane	62	7.126	6.653	(1.003)	22940	1.72543	1.72(aQ)
* 38 Fluorobenzene	96	7.106	7.096	(1.000)	1213011	50.0000	
$ 47 Toluene-d8	98	9.924	9.924	(0.787)	1122447	46.7108	46.71
* 56 Chlorobenzene-d5	117	12.614	12.613	(1.000)	1084398	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.968	14.948	(0.867)	660382	46.5559	46.56
$ 67 4-Bromofluorobenzene	95	14.959	14.948	(0.866)	913615	44.5316	44.53
* 79 1,4-Dichlorobenzene-d4	152	17.274	17.263	(1.000)	743642	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

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3H3101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12644
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~~ C11	1.323	8.66	J

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12644.D

Date : 02-OCT-2000 16:17

Client ID: D12644

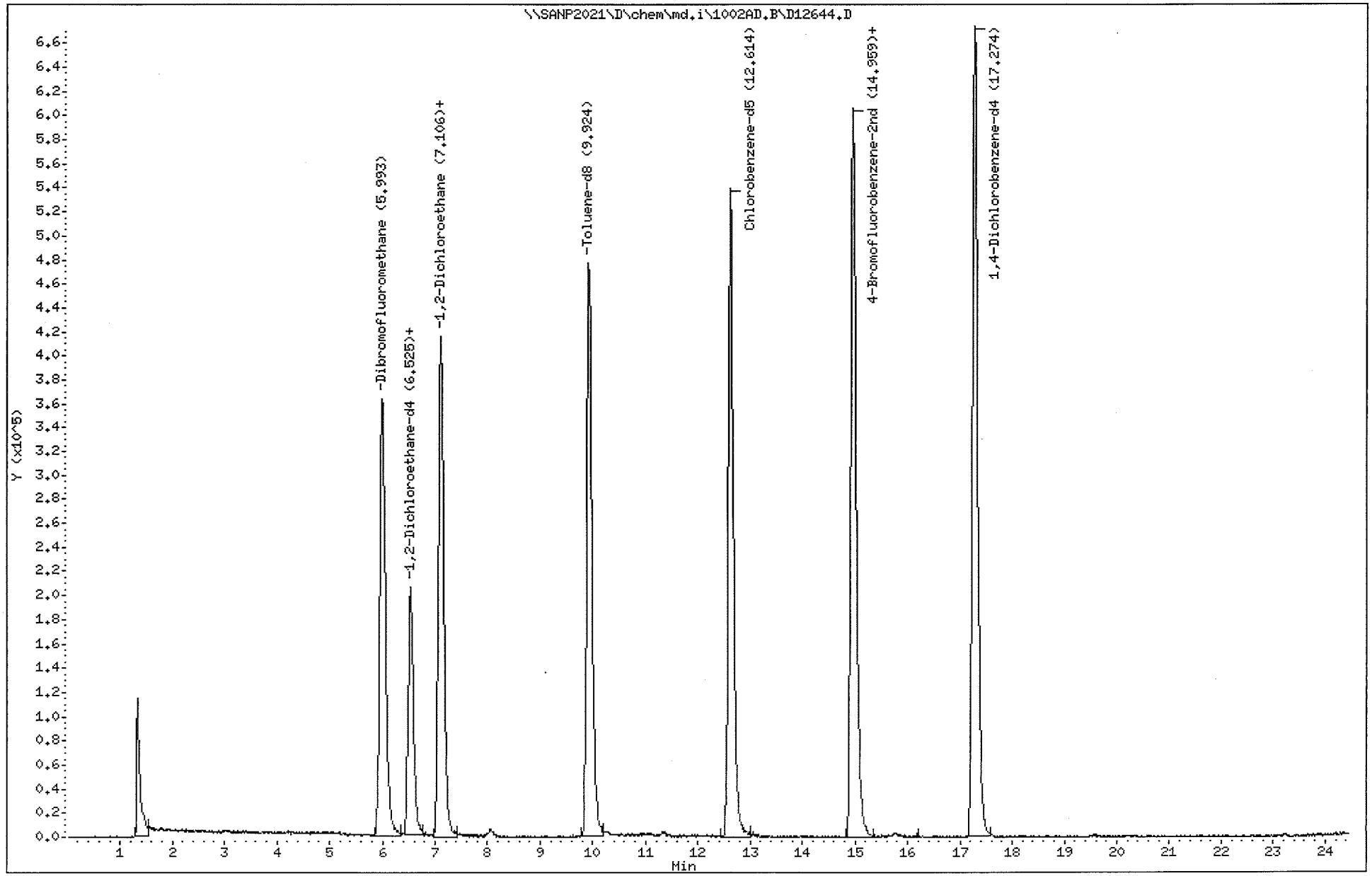
Sample Info: DL3H3101,,2,,0,1,0,8260BDA.M,D12644

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000840

BOE-C6-0156381

Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12644.D

Date : 02-OCT-2000 16:17

Client ID: D12644

Instrument: md.i

Sample Info: DL3H3101,,2,,0,1,0,8260BDA.M,D12644

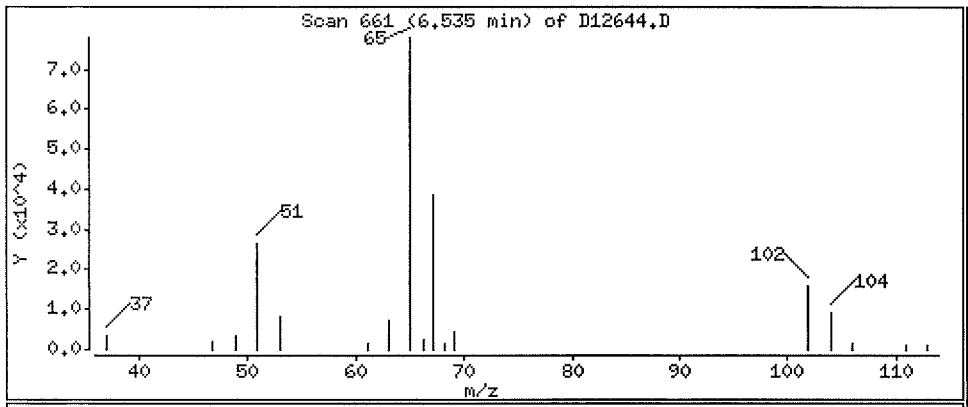
Operator: GFB

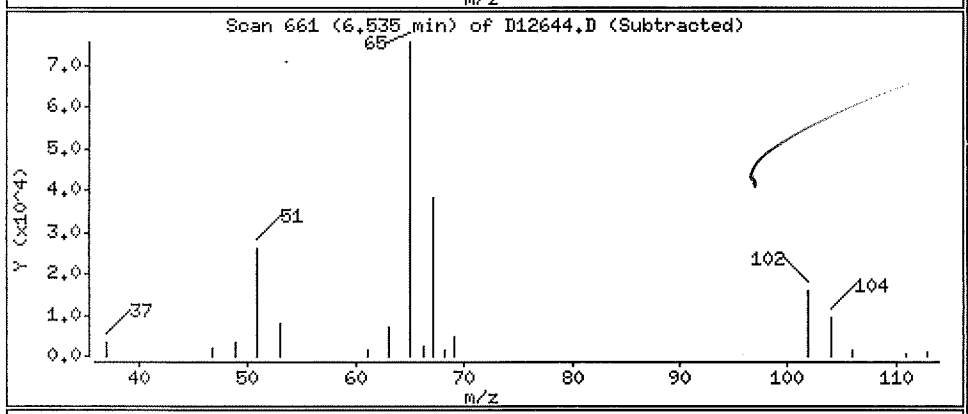
Column phase: J&W DB-624

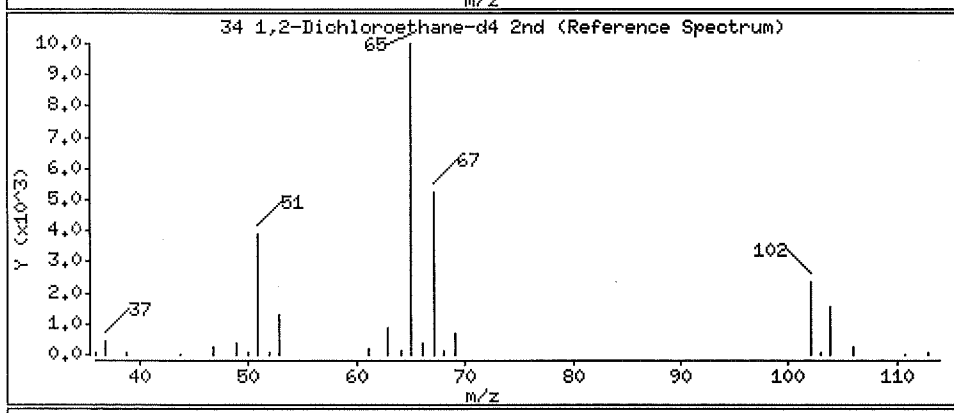
Column diameter: 0.53

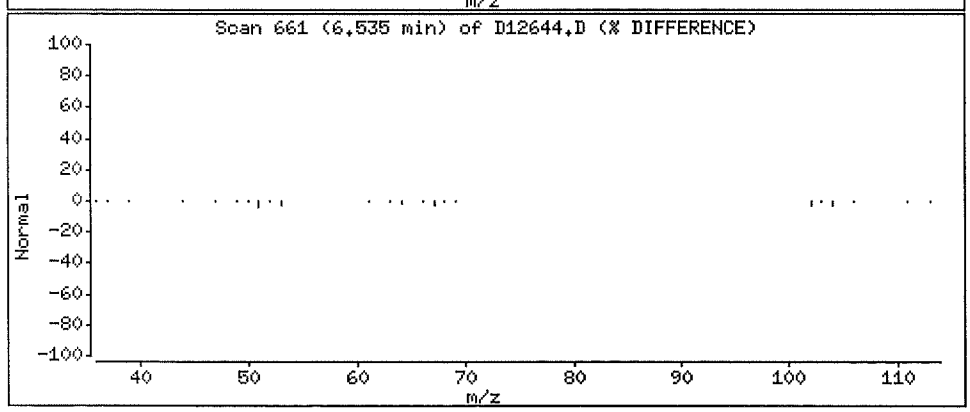
34 1,2-Dichloroethane-d4 2nd

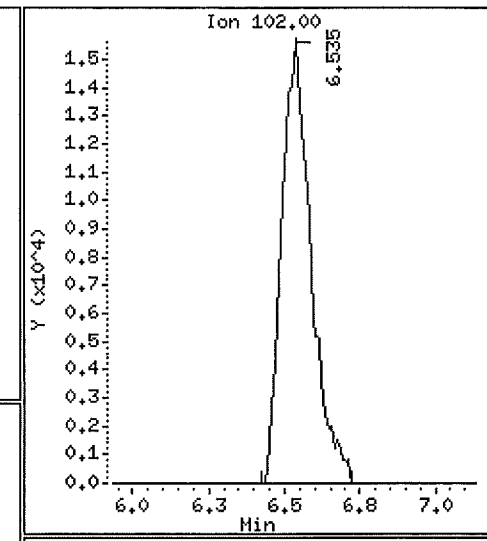
Concentration: 41.08 ug/Kg

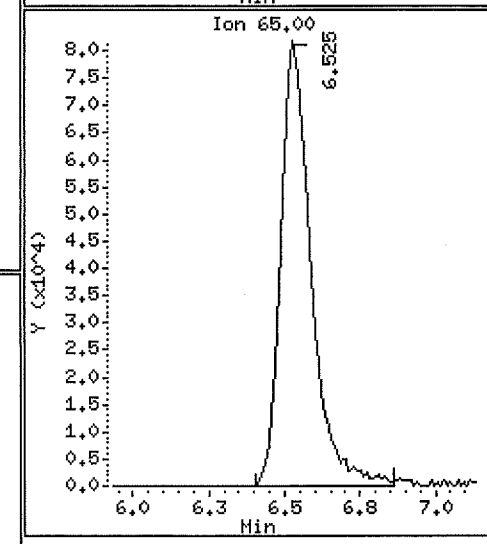












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12644.D

Date : 02-OCT-2000 16:17

Client ID: D12644

Instrument: md.i

Sample Info: DL3H3101,,2,,0,1,0,8260BDA.M,D12644

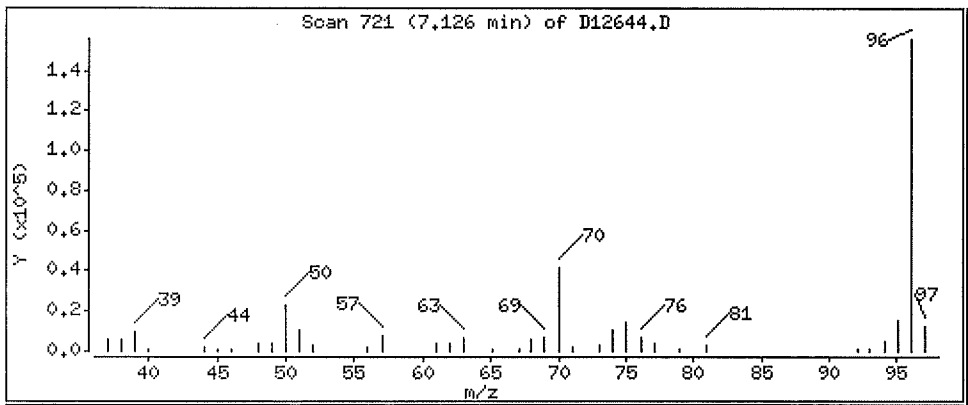
Operator: GFB

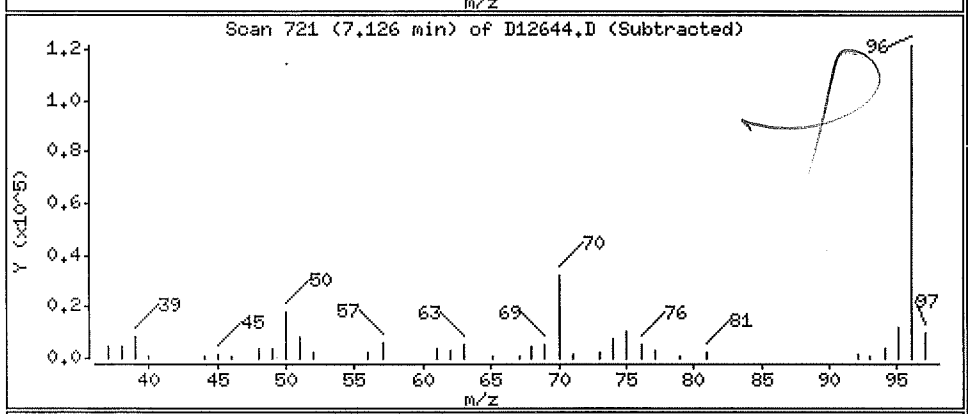
Column phase: J&W DB-624

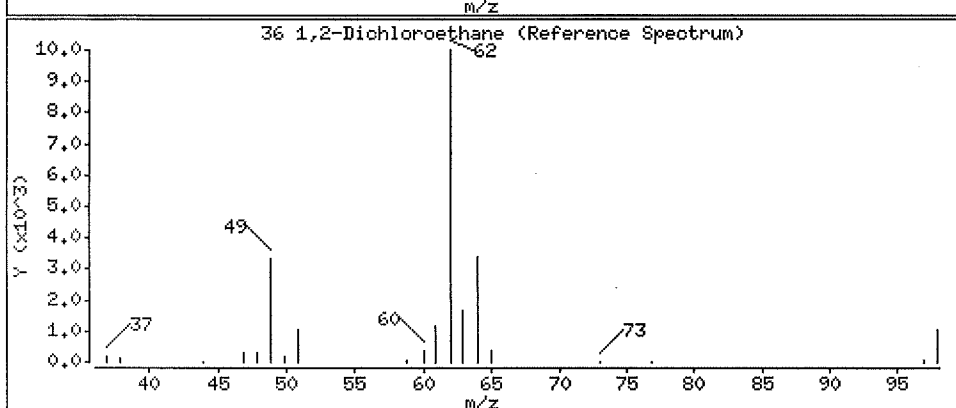
Column diameter: 0.53

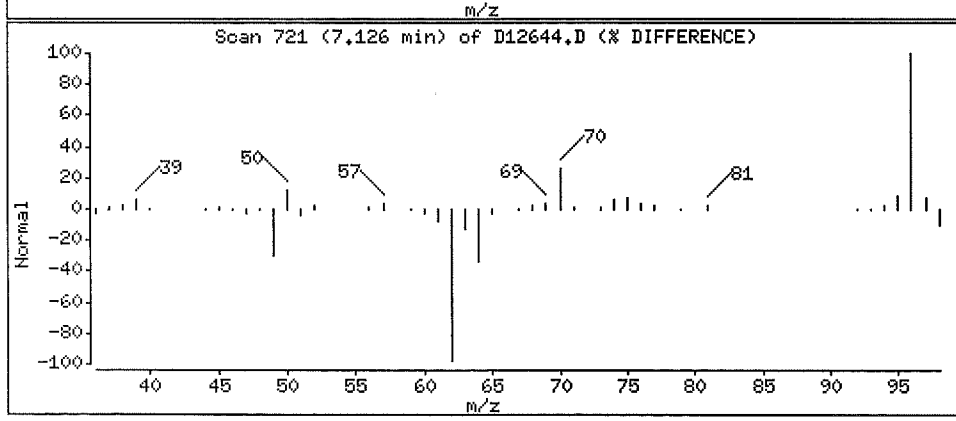
36 1,2-Dichloroethane

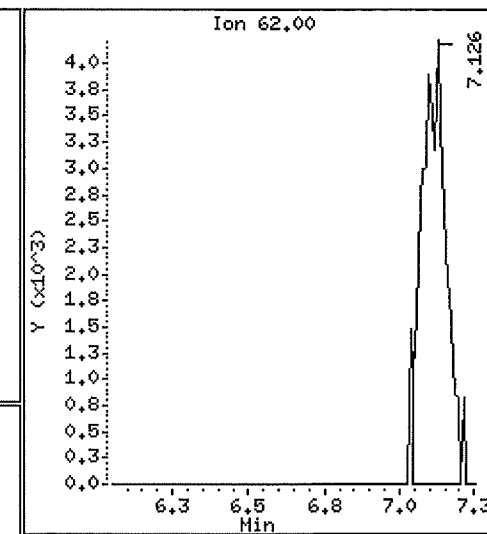
Concentration: 1.72 ug/Kg

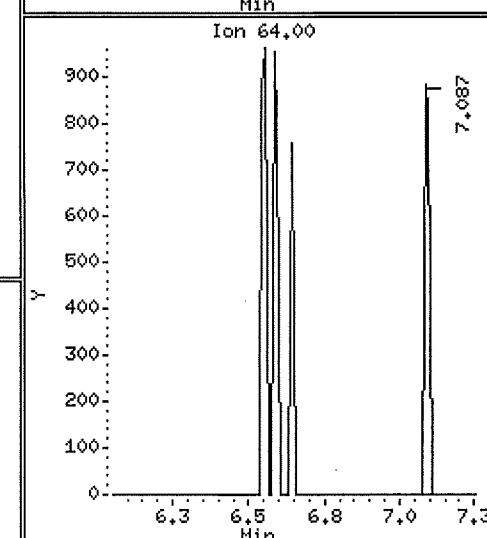


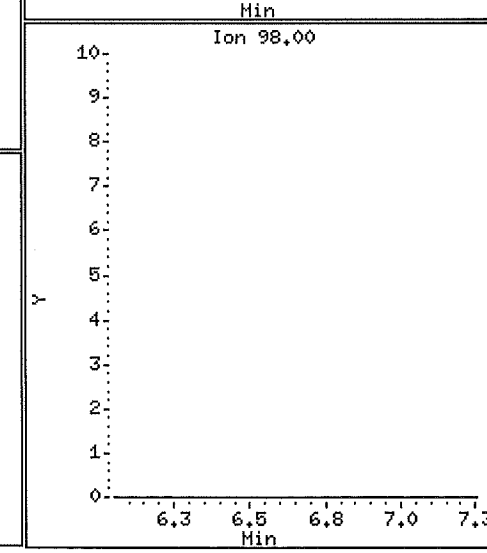












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12644.D

Date : 02-OCT-2000 16:17

Client ID: D12644

Instrument: md.i

Sample Info: DL3H3101,,2,,0,1,0,8260BDA,M,D12644

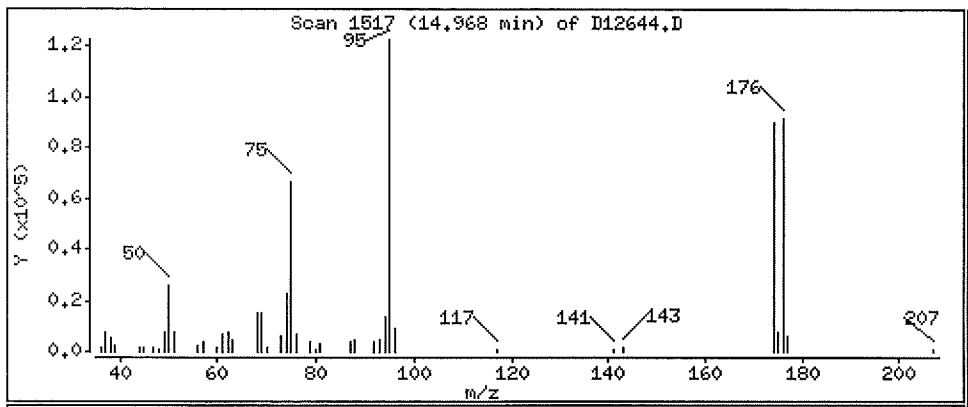
Operator: GFB

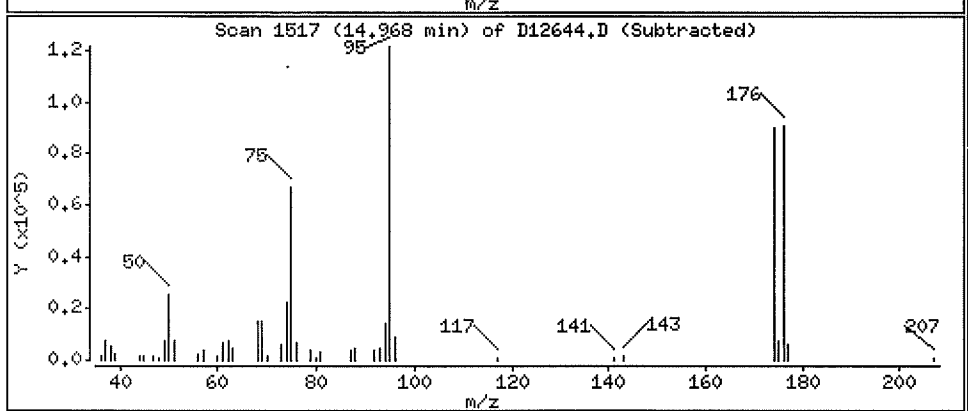
Column phase: J&W DB-624

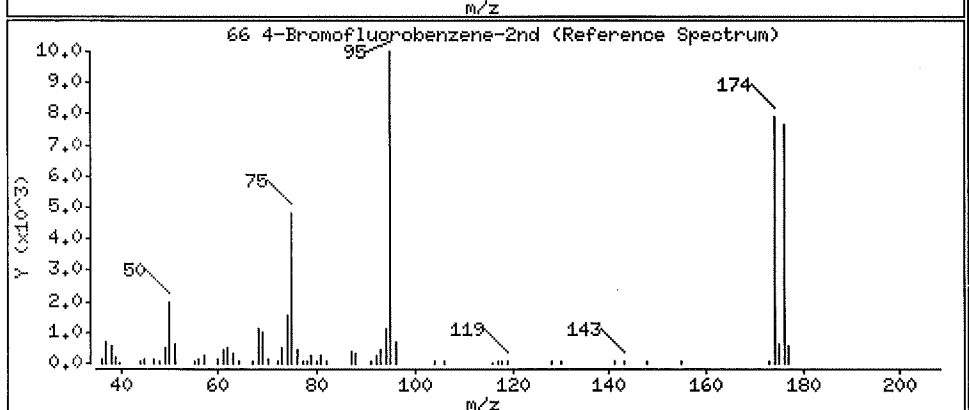
Column diameter: 0.53

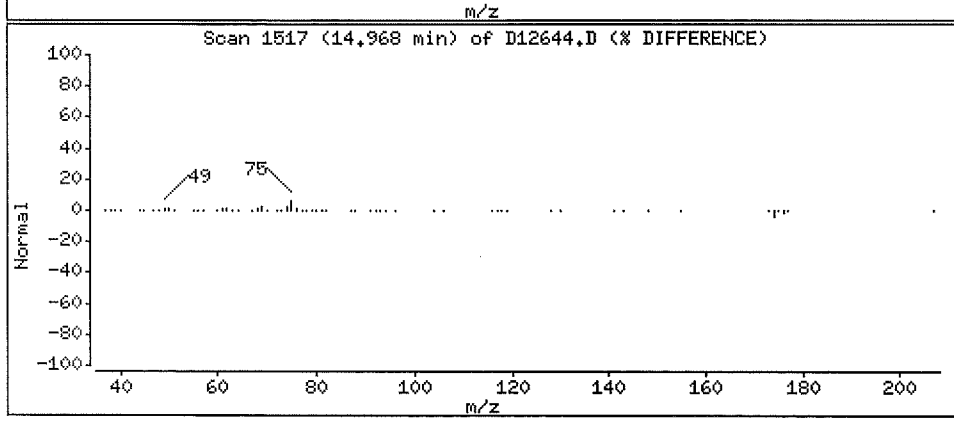
66 4-Bromofluorobenzene-2nd

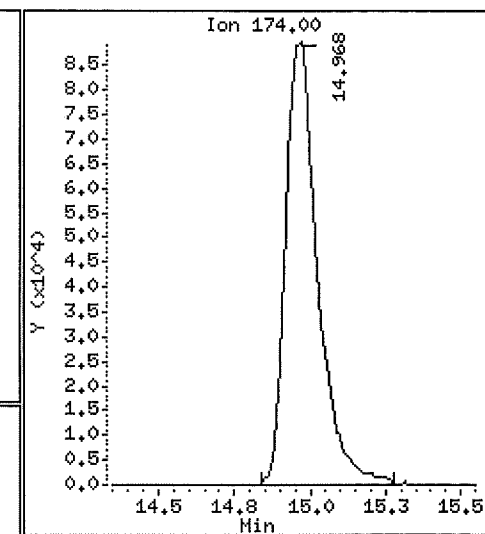
Concentration: 46.56 ug/Kg

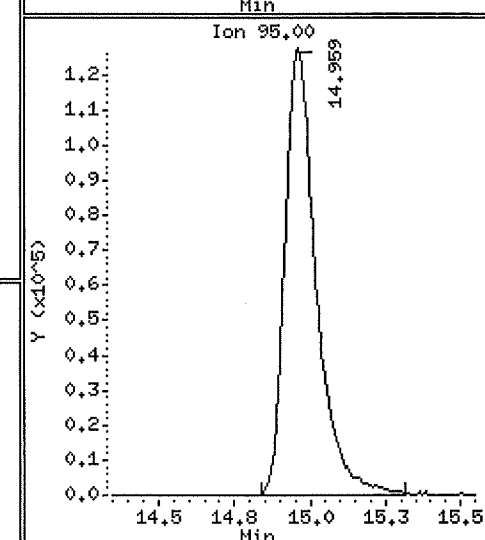


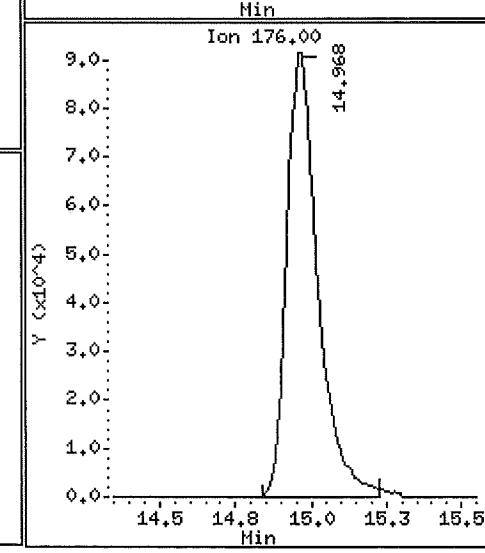












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12644.D

Date : 02-OCT-2000 16:17

Client ID: D12644

Instrument: md.i

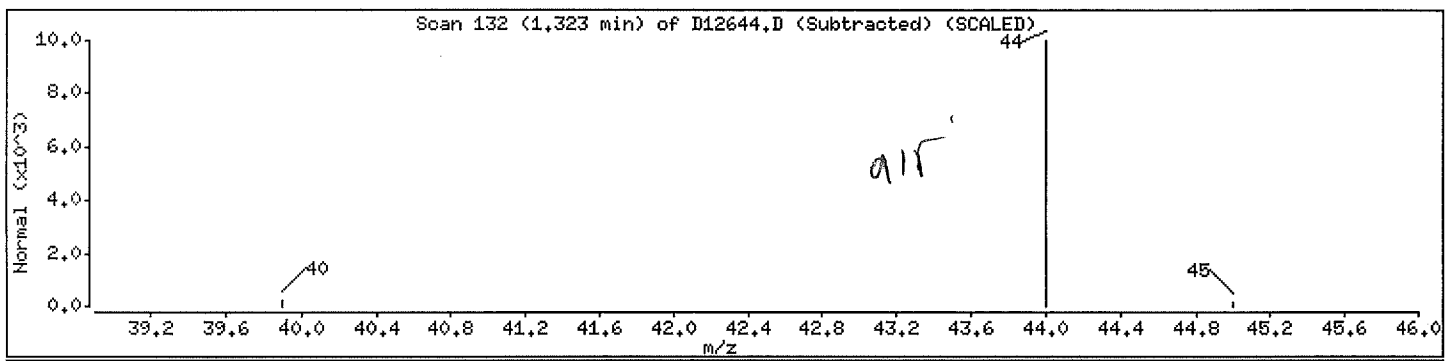
Sample Info: DL3H3101,,2,,0,1,0,8260BDA.M,D12644

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



000844

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002AD.B\D12647.D
Lab Smp Id: DL3H4101 Client Smp ID: D12647
Inj Date : 02-OCT-2000 17:51
Operator : GFB Inst ID: md.i
Smp Info : DL3H4101,,2,,0,1,0,8260BDA.M,D12647
Misc Info : 285-28,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.989	5.992	(0.843)	856026	48.5454	48.54	
$ 33 1,2-Dichloroethane-d4	65	6.521	6.524	(0.918)	592914	45.6669	45.67	
34 1,2-Dichloroethane-d4 2nd	102	6.521	6.534	(0.918)	109773	39.6073	39.61	
* 38 Fluorobenzene	96	7.102	7.096	(1.000)	1301535	50.0000		
$ 47 Toluene-d8	98	9.930	9.924	(0.787)	1162697	46.3960	46.40	
* 56 Chlorobenzene-d5	117	12.619	12.613	(1.000)	1130904	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.954	14.948	(0.866)	698480	46.5321	46.53	
$ 67 4-Bromofluorobenzene	95	14.944	14.948	(0.865)	960496	44.2404	44.24	
* 79 1,4-Dichlorobenzene-d4	152	17.269	17.263	(1.000)	786947	50.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3H4101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12647
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	1.329	9.14	J

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002AD.B\D12647.D
Lab Smp Id: DL3H4101 Client Smp ID: D12647
Inj Date : 02-OCT-2000 17:51
Operator : GFB Inst ID: md.i
Smp Info : DL3H4101,,2,,0,1,0,8260BDA.M,D12647
Misc Info : 285-28,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.102	3103799	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.329	567398	9.14037449	9.14	0		0	38

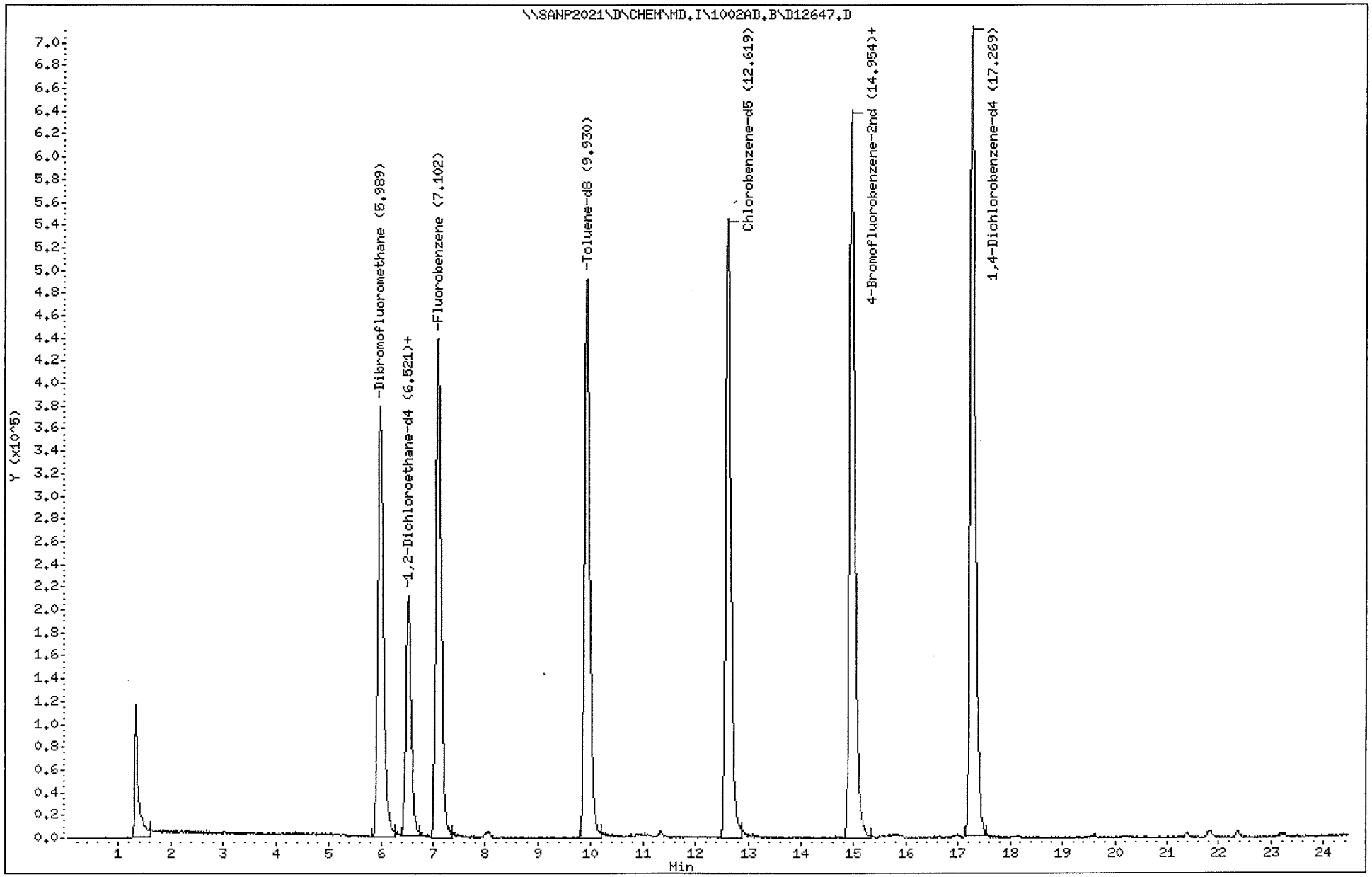
Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12647.D
Date : 02-OCT-2000 17:51
Client ID: D12647
Sample Info: DL3H4101,,2,,0,1,0,8260BDA.M,D12647

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000848

BOE-C6-0156389

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12647.D

Date : 02-OCT-2000 17:51

Client ID: D12647

Instrument: md.i

Sample Info: DL3H4101,,2,,0,1,0,8260BDA,M,D12647

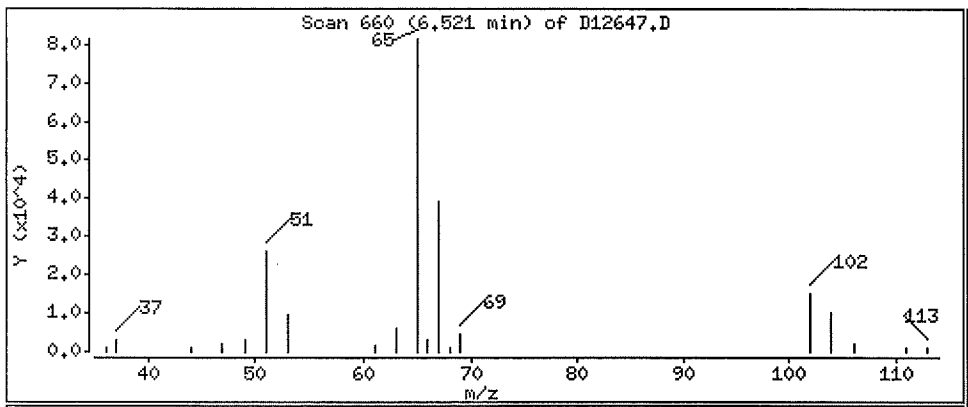
Operator: GFB

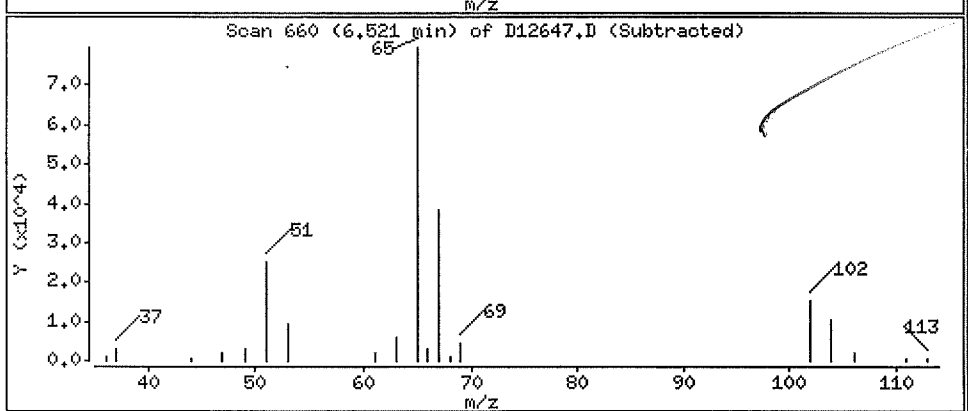
Column phase: J&W DB-624

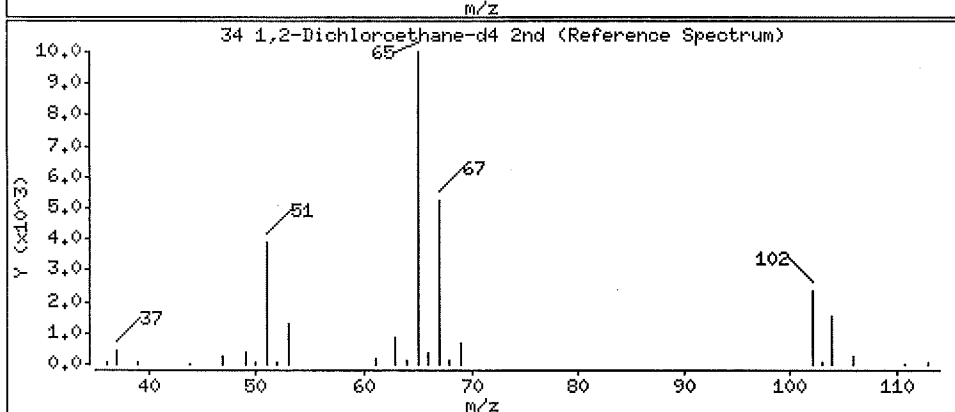
Column diameter: 0.53

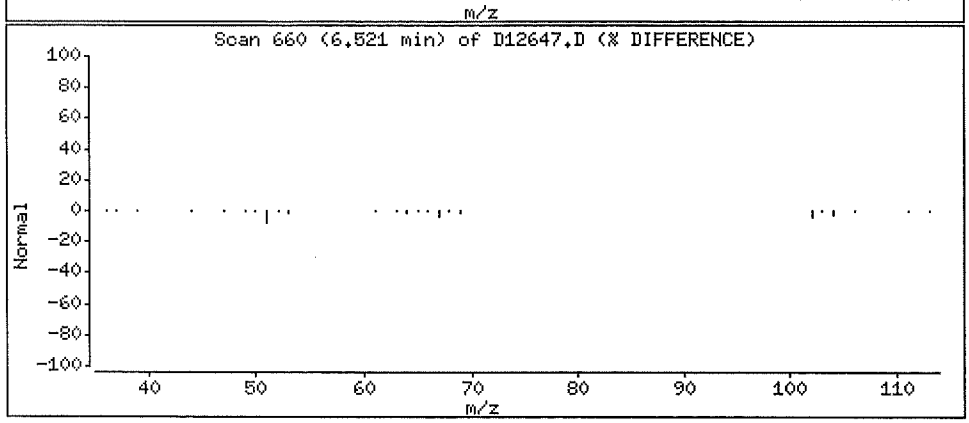
34 1,2-Dichloroethane-d4 2nd

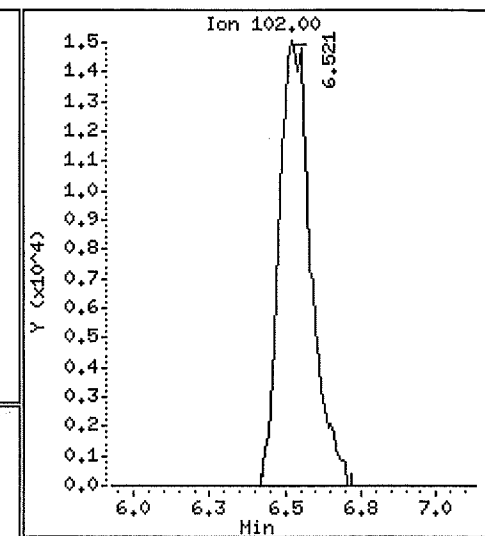
Concentration: 39.61 ug/Kg

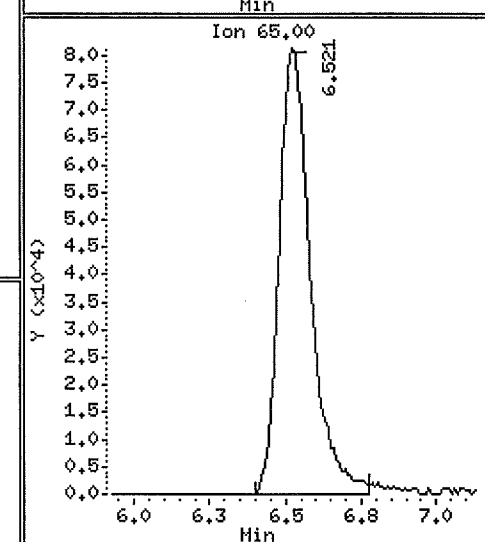












Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12647.D

Date : 02-OCT-2000 17:51

Client ID: D12647

Instrument: md.i

Sample Info: DL3H4101,,2,,0,1,0,8260BDA,M,D12647

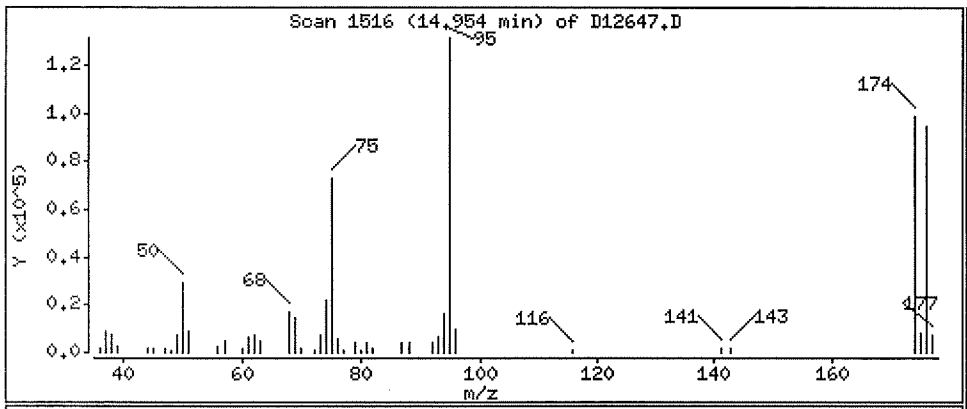
Operator: GFB

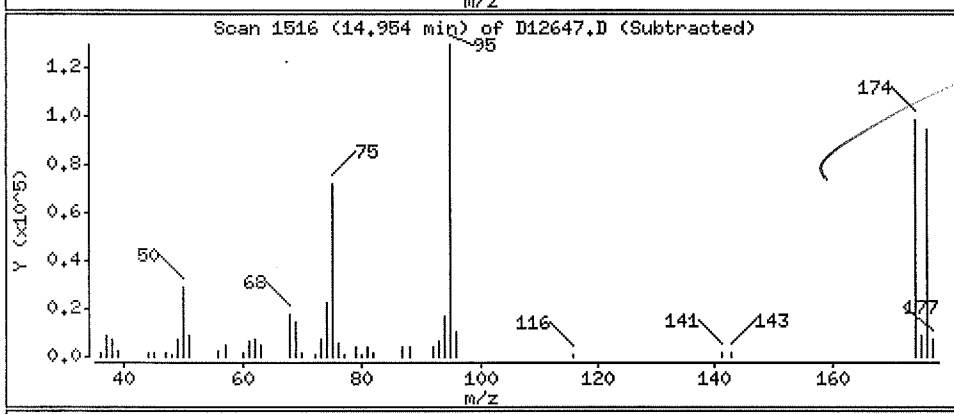
Column phase: J&W DB-624

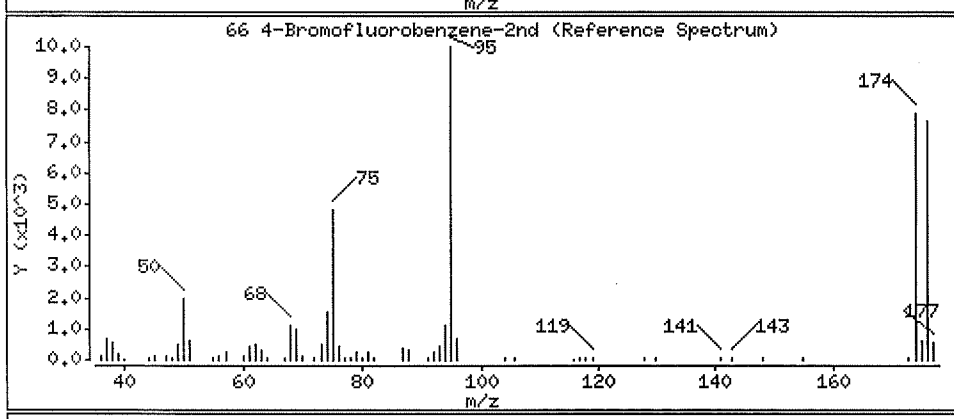
Column diameter: 0.53

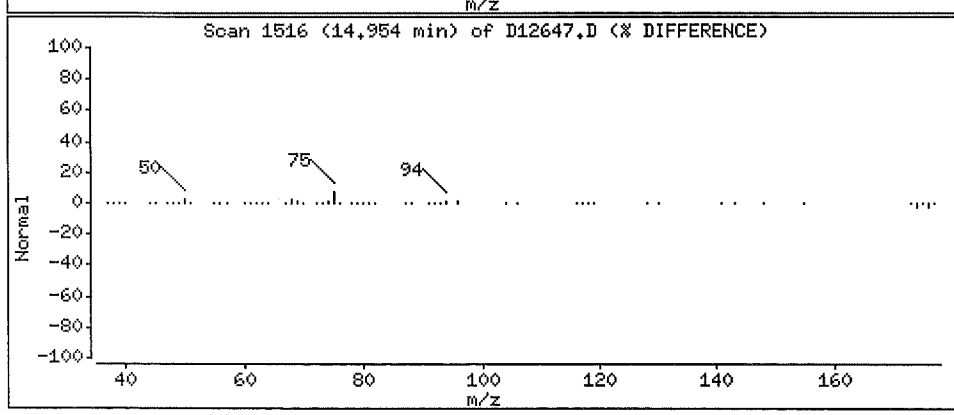
66 4-Bromofluorobenzene-2nd

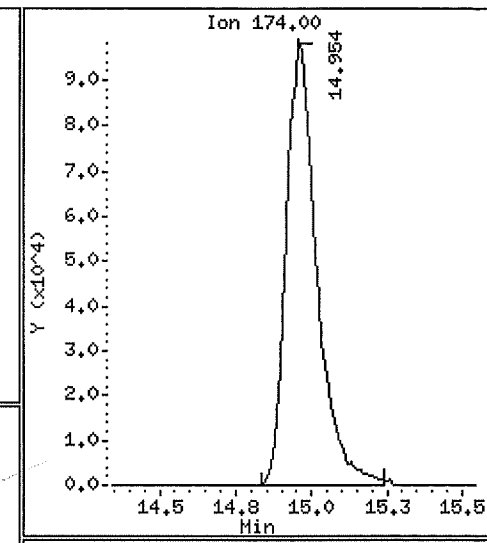
Concentration: 46.53 ug/Kg

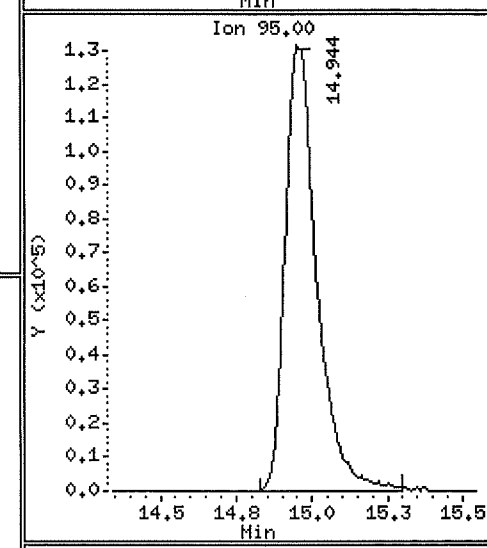


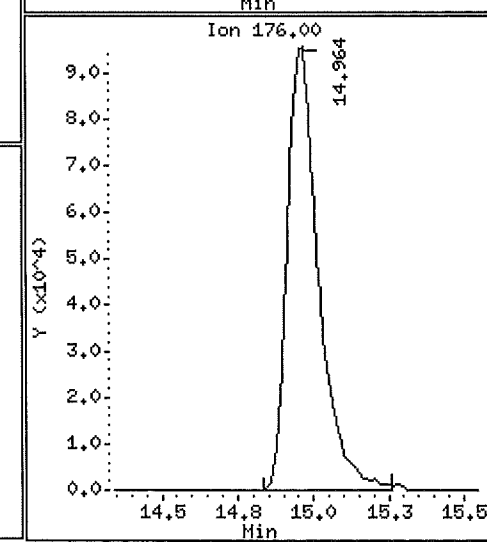












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12647.D

Date : 02-OCT-2000 17:51

Client ID: D12647

Instrument: md.i

Sample Info: DL3H4101,,2,,0,1,0,8260BDA.M,D12647

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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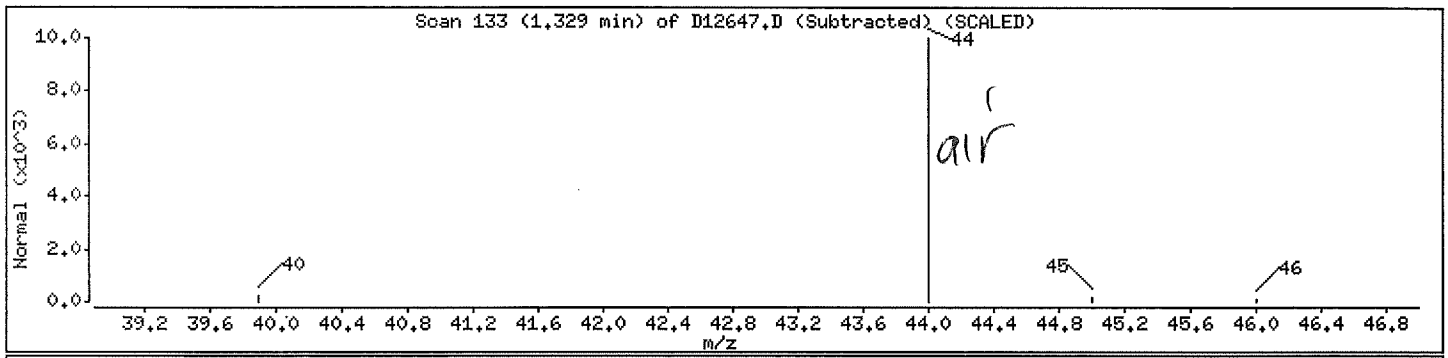

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002AD.B\D12648.D
Lab Smp Id: DL3H5101 Client Smp ID: D12648
Inj Date : 02-OCT-2000 18:23
Operator : GFB Inst ID: md.i
Smp Info : DL3H5101,,2,,0,1,0,8260BDA.M,D12648
Misc Info : 285-29,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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)	
$ 29 Dibromofluoromethane	111	5.982	5.992	(0.842)	807777	48.8808	48.88	
$ 33 1,2-Dichloroethane-d4	65	6.534	6.524	(0.920)	564516	46.3951	46.40	
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.534	(0.917)	101958	39.2543	39.25	
* 38 Fluorobenzene	96	7.106	7.096	(1.000)	1219747	50.0000		
39 Trichloroethene	130	7.736	7.736	(1.089)	84731	7.48602	7.49	
$ 47 Toluene-d8	98	9.923	9.924	(0.787)	1110972	46.7779	46.78	
* 56 Chlorobenzene-d5	117	12.613	12.613	(1.000)	1071771	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.958	14.948	(0.866)	657831	47.9902	47.99	
$ 67 4-Bromofluorobenzene	95	14.968	14.948	(0.867)	903862	45.5896	45.59	
* 79 1,4-Dichlorobenzene-d4	152	17.273	17.263	(1.000)	718631	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\1002AD.B\D12648.D
Lab Smp Id: DL3H5101 Client Smp ID: D12648
Inj Date : 02-OCT-2000 18:23
Operator : GFB Inst ID: md.i
Smp Info : DL3H5101,,2,,0,1,0,8260BDA.M,D12648
Misc Info : 285-29,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.106	2926592	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	584279	9.98224262	9.98	0		0	38

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TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3H5101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12648
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~~ GW	1.322	9.98	J

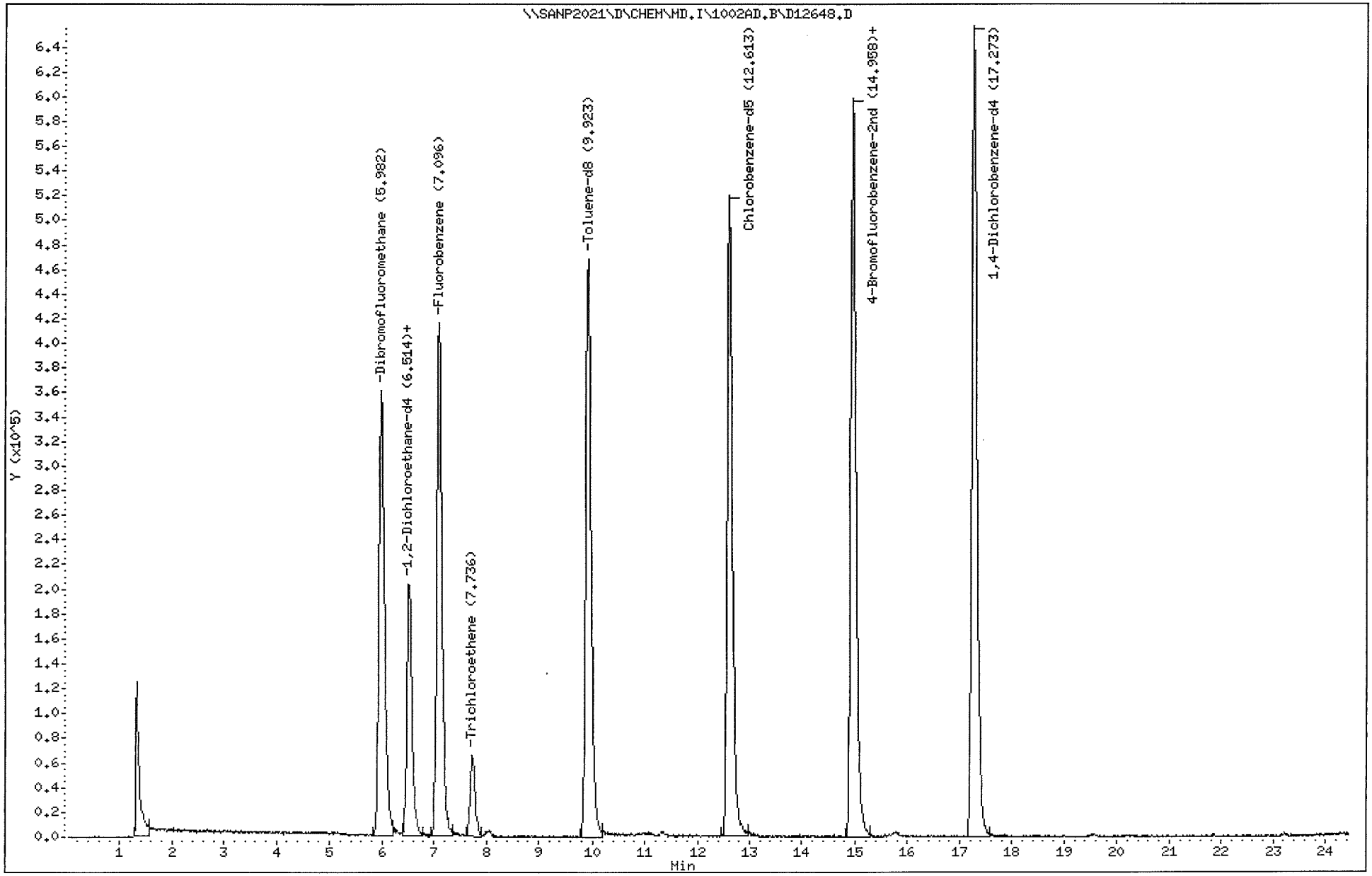
Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12648.D
Date : 02-OCT-2000 18:23
Client ID: D12648
Sample Info: DL3H5101,,2,,0,1,0,8260BDA.M,D12648

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



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BOE-C6-0156397

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12648.D

Date : 02-OCT-2000 18:23

Client ID: D12648

Instrument: md.i

Sample Info: DL3H5101,,2,,0,1,0,8260BDA,M,D12648

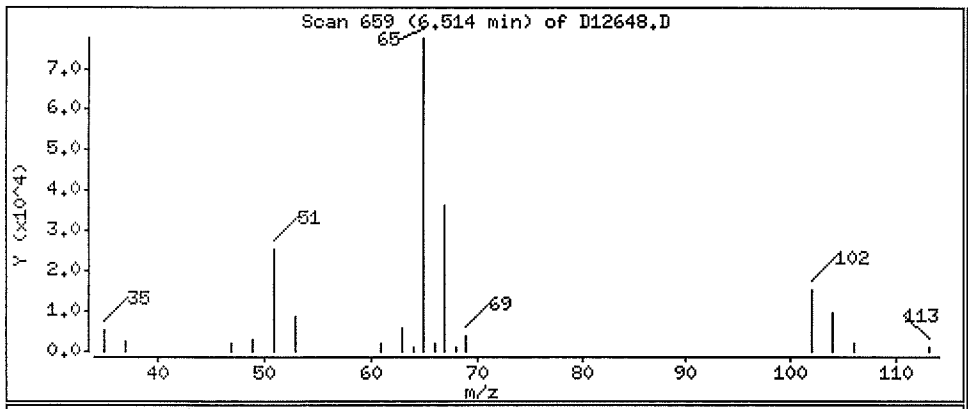
Operator: GFB

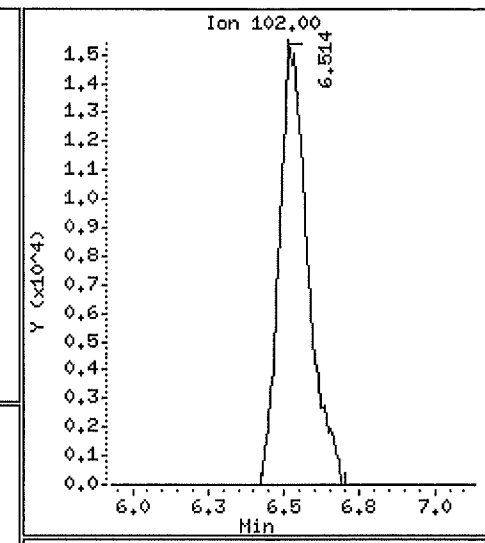
Column phase: J&W DB-624

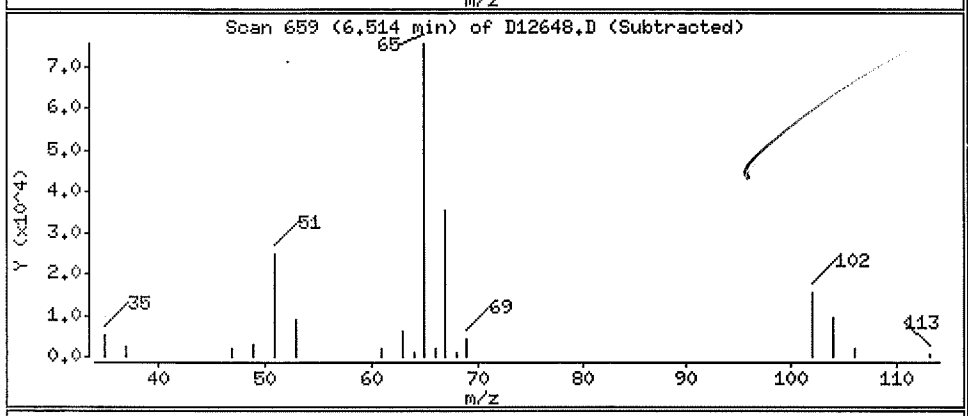
Column diameter: 0.53

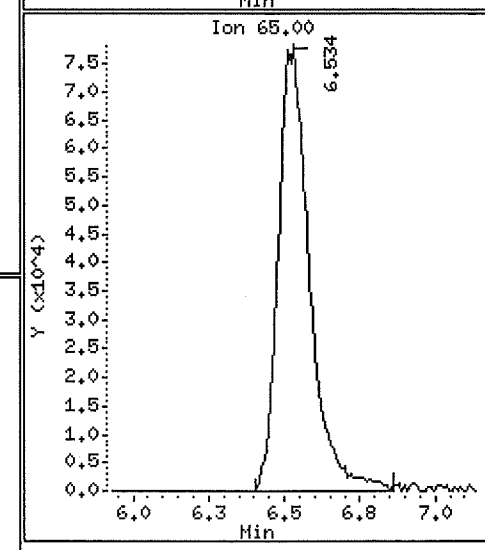
34 1,2-Dichloroethane-d4 2nd

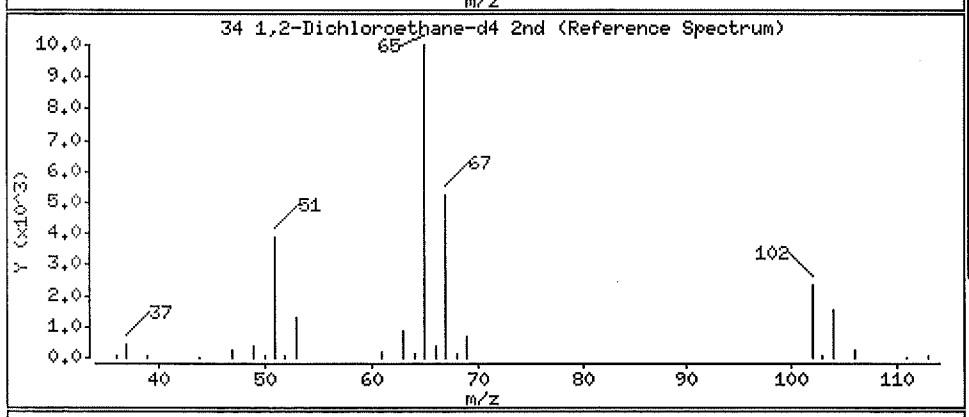
Concentration: 39.25 ug/Kg

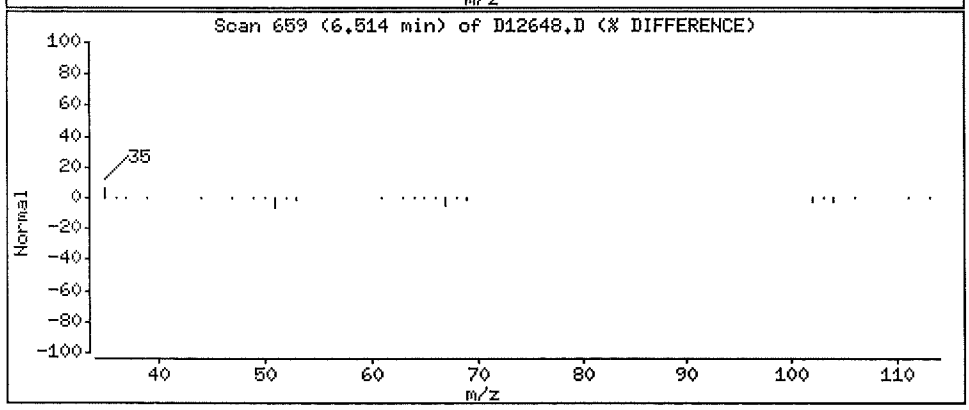












Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12648.D

Date : 02-OCT-2000 18:23

Client ID: D12648

Instrument: md.i

Sample Info: DL3H5101,,2,,0,1,0,8260BDA.M,D12648

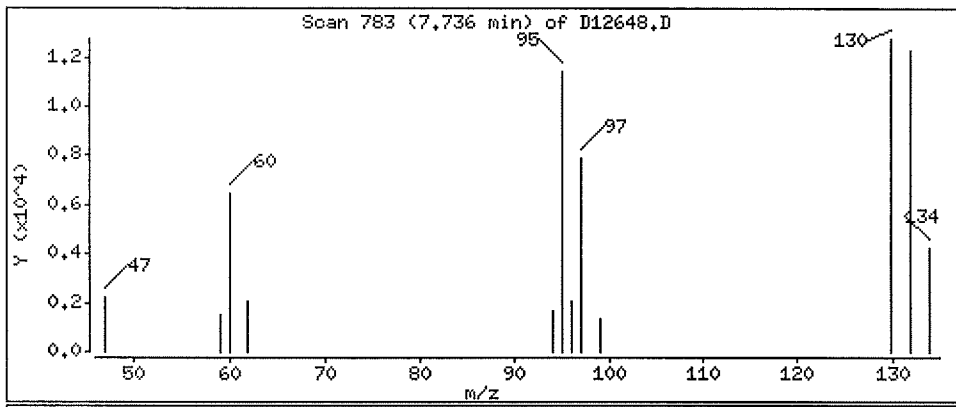
Operator: GFB

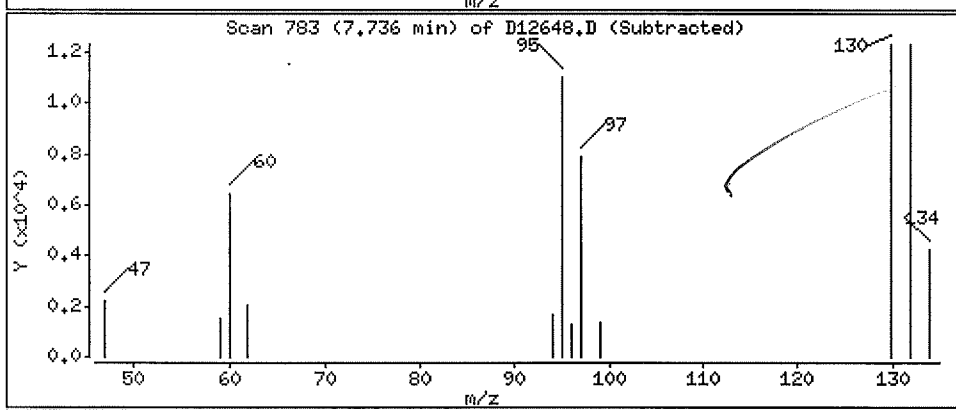
Column phase: J&W DB-624

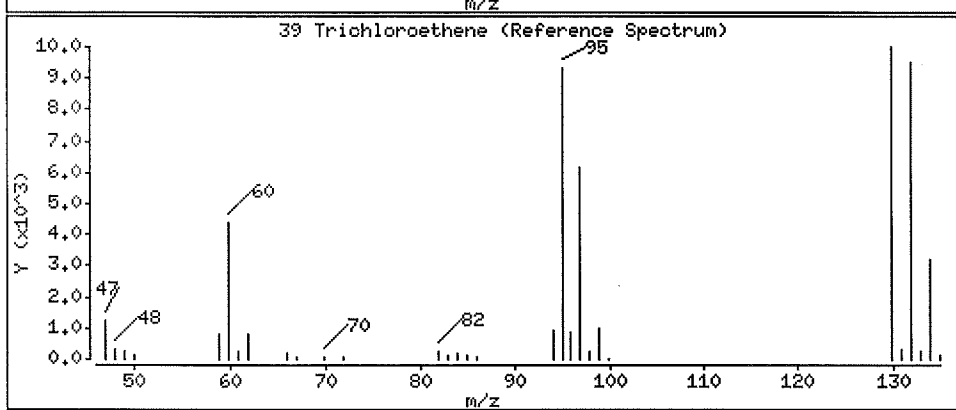
Column diameter: 0.53

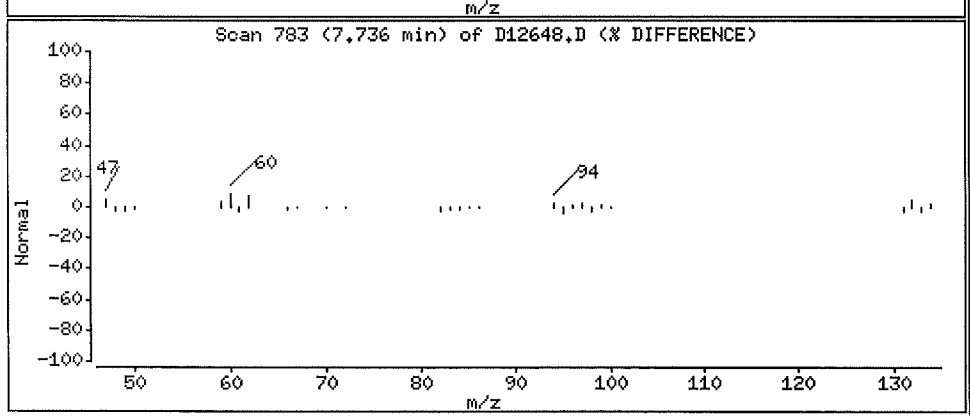
39 Trichloroethene

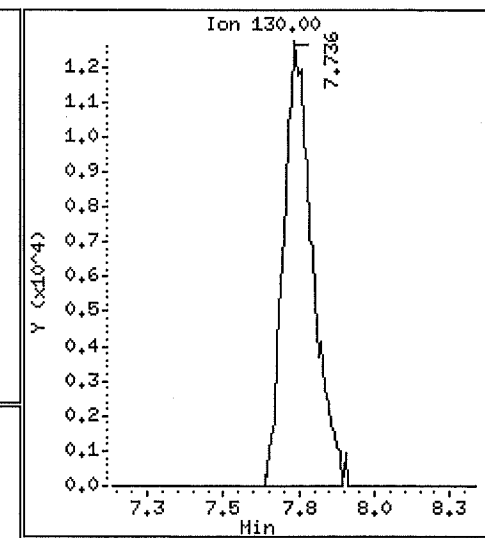
Concentration: 7.49 ug/Kg

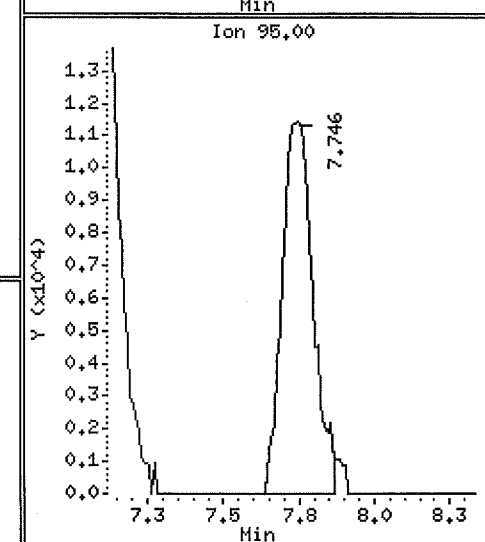


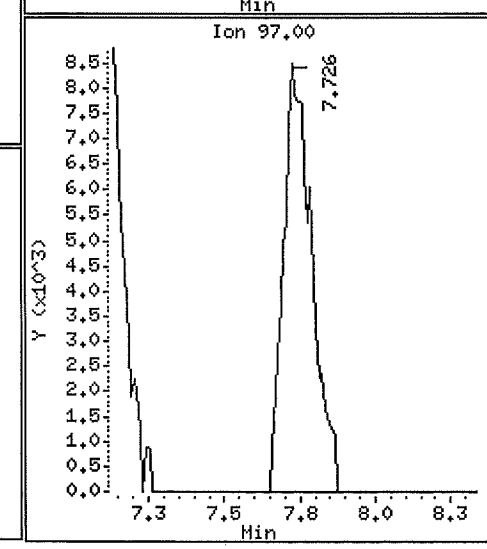












Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12648.D

Date : 02-OCT-2000 18:23

Client ID: D12648

Instrument: md.i

Sample Info: DL3H5101,,2,,0,1,0,8260BDA.M,D12648

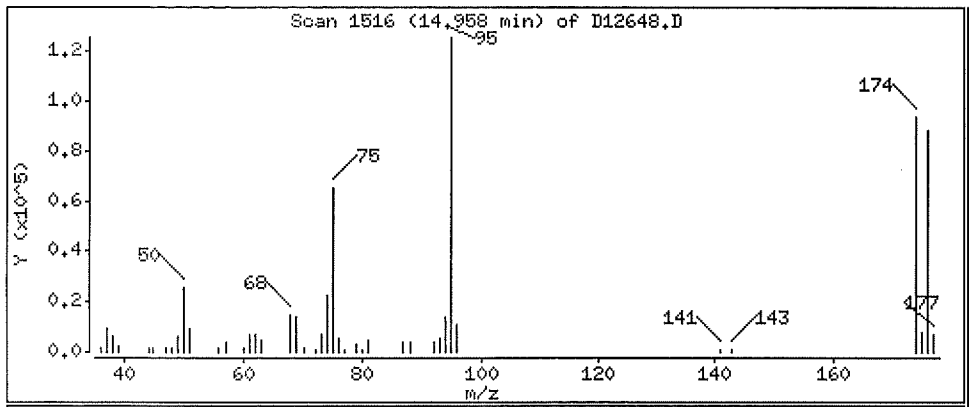
Operator: GFB

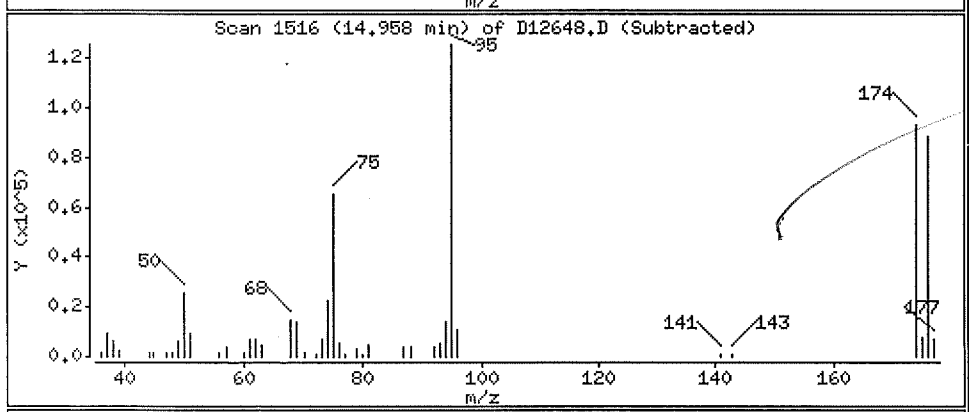
Column phase: J&W DB-624

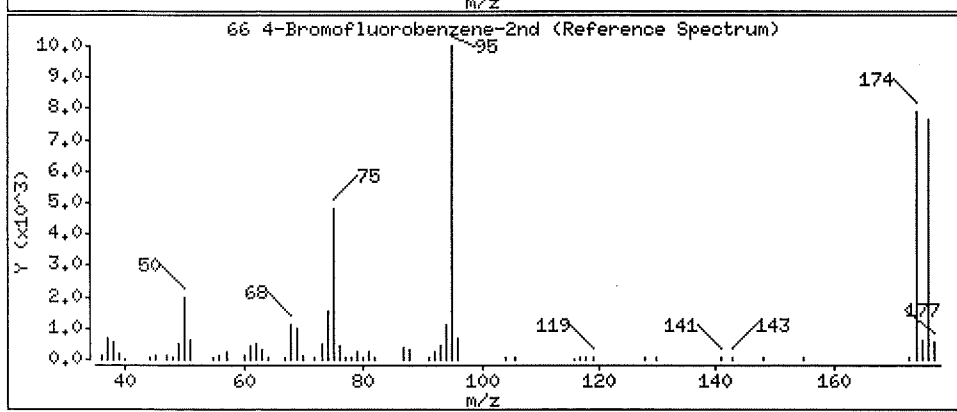
Column diameter: 0.53

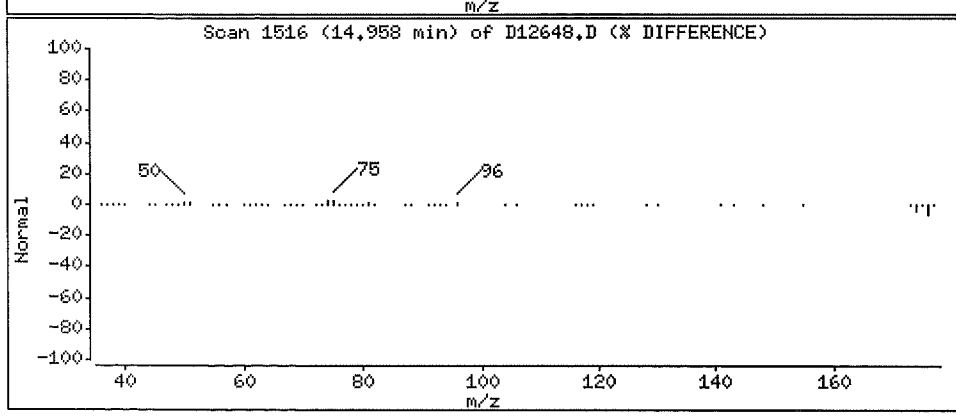
66 4-Bromofluorobenzene-2nd

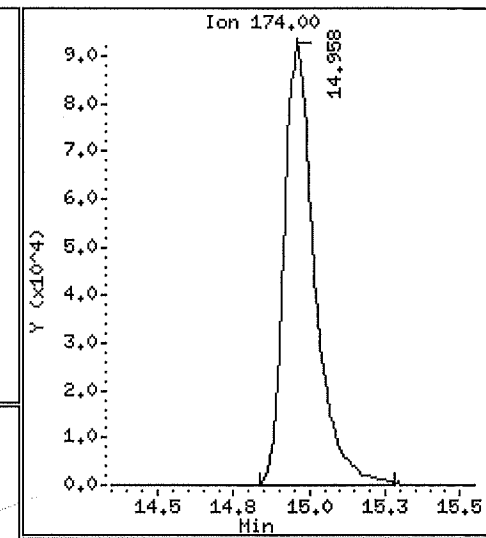
Concentration: 47.99 ug/Kg

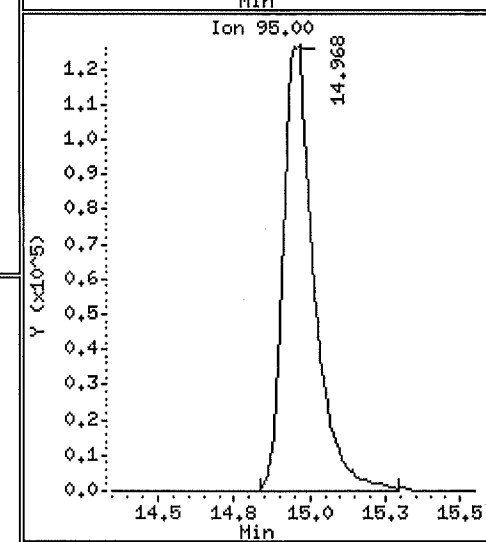


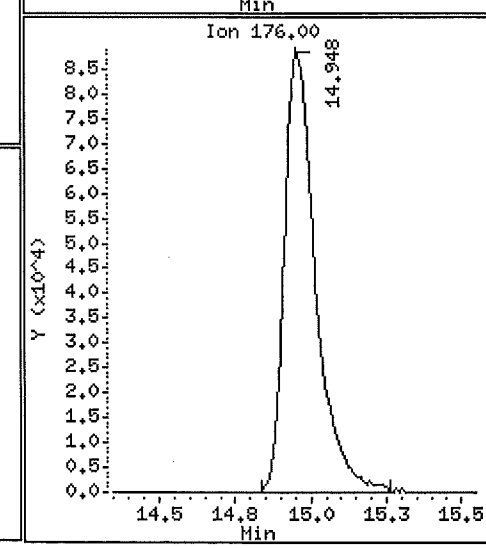












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12648.D

Date : 02-OCT-2000 18:23

Client ID: D12648

Instrument: md.i

Sample Info: DL3H5101,,2,,0,1,0,8260BDA.M,D12648

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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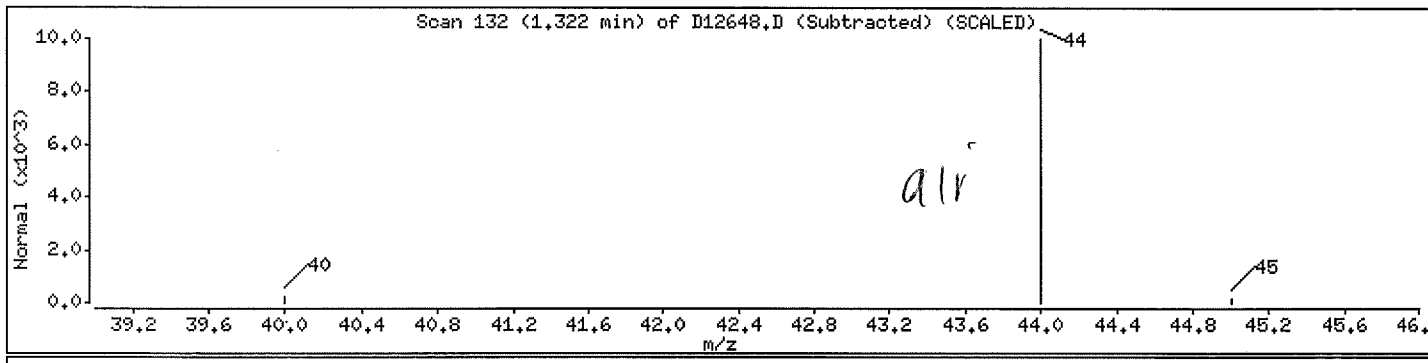


STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002AD.B\D12649.D
Lab Smp Id: DL3H6101 Client Smp ID: D12649
Inj Date : 02-OCT-2000 18:55
Operator : GFB Inst ID: md.i
Smp Info : DL3H6101,,2,,0,1,0,8260BDA.M,D12649
Misc Info : 285-30,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.976	5.992	(0.842)	806589	48.6623	48.66	
$ 33 1,2-Dichloroethane-d4	65	6.518	6.524	(0.918)	562915	46.1245	46.12	
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.534	(0.918)	103153	39.5952	39.60	
* 38 Fluorobenzene	96	7.099	7.096	(1.000)	1223422	50.0000		
$ 47 Toluene-d8	98	9.917	9.924	(0.787)	1108505	46.3864	46.39	
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1078417	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.961	14.948	(0.866)	677127	46.4577	46.46	
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	930585	44.1437	44.14	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.263	(1.000)	764111	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\1002AD.B\D12649.D
Lab Smp Id: DL3H6101 Client Smp ID: D12649
Inj Date : 02-OCT-2000 18:55
Operator : GFB Inst ID: md.i
Smp Info : DL3H6101,,2,,0,1,0,8260BDA.M,D12649
Misc Info : 285-30,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.099	2939889	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	546284	9.29089123	9.29	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3H6101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12649
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~~ GK	1.326	9.29	J

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12649.D

Date : 02-OCT-2000 18:55

Client ID: D12649

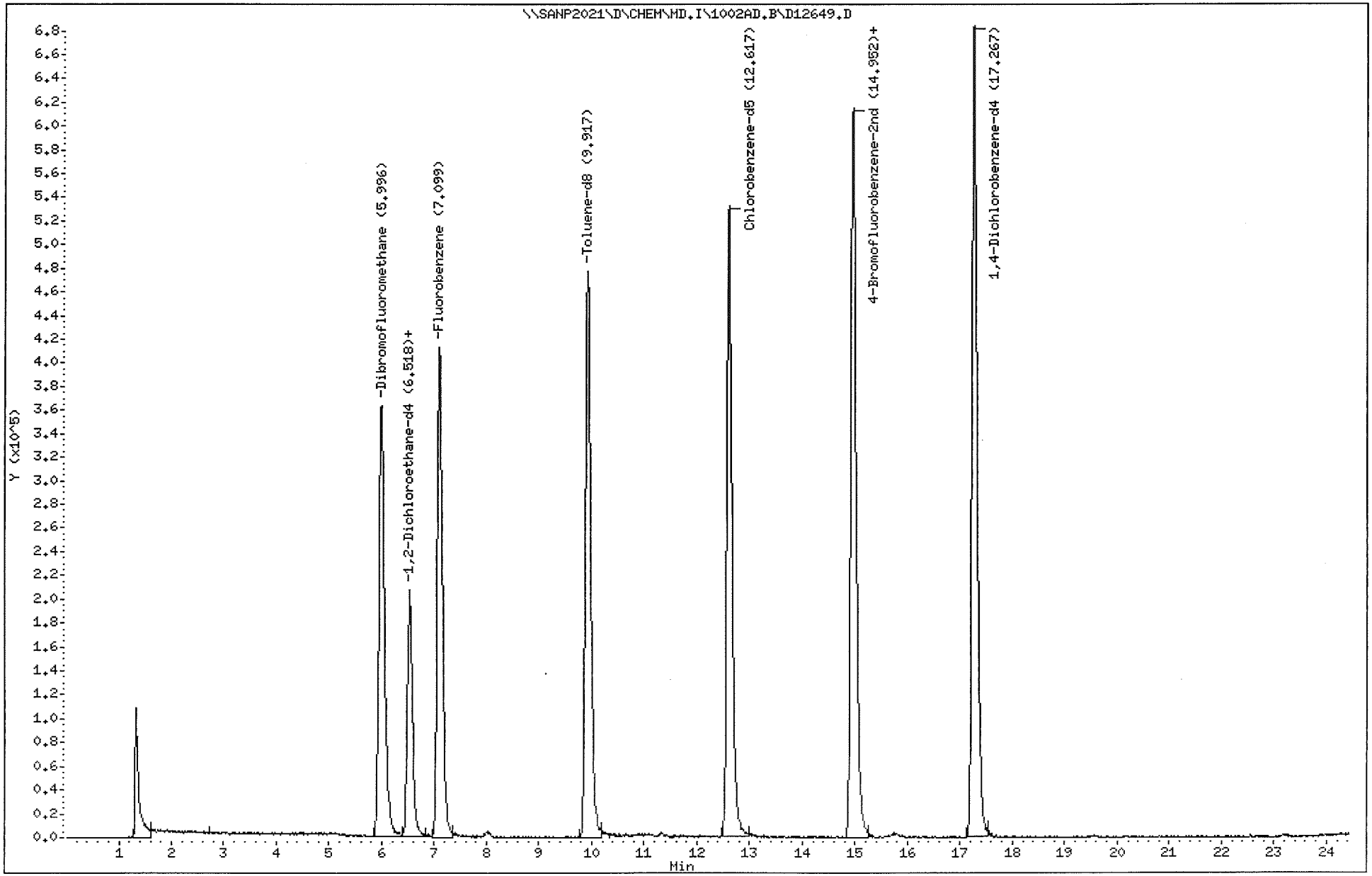
Sample Info: DL3H6101,,2,,0,1,0,8260BDA.M,D12649

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000864

BOE-C6-0156405

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12649.D

Date : 02-OCT-2000 18:55

Client ID: D12649

Instrument: md.i

Sample Info: DL3H6101,,2,,0,1,0,8260BDA.M,D12649

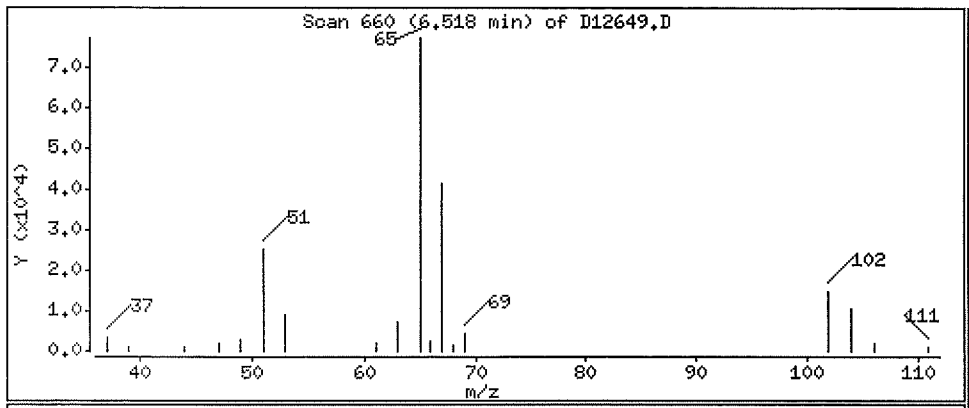
Operator: GFB

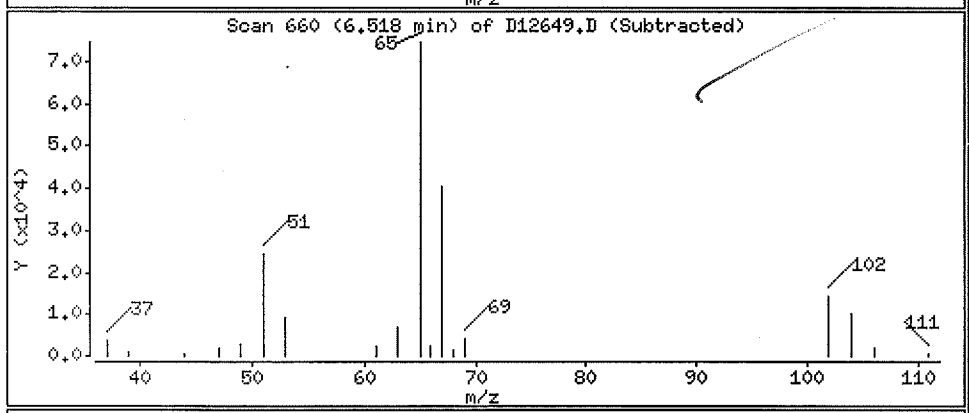
Column phase: J&W DB-624

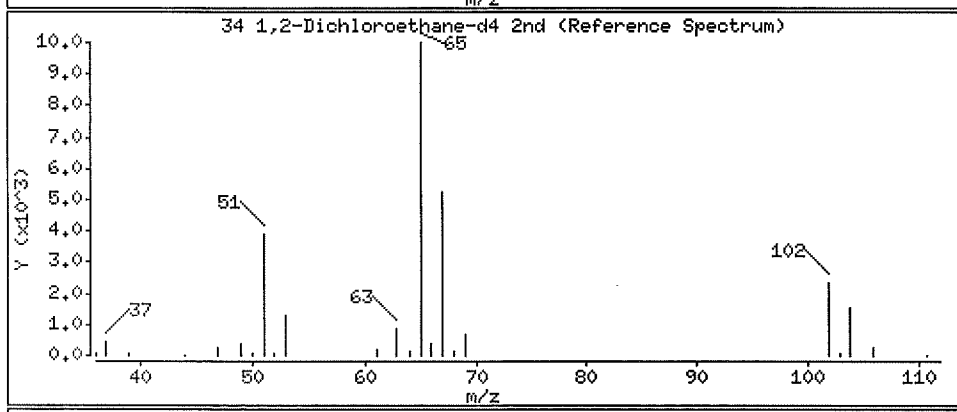
Column diameter: 0.53

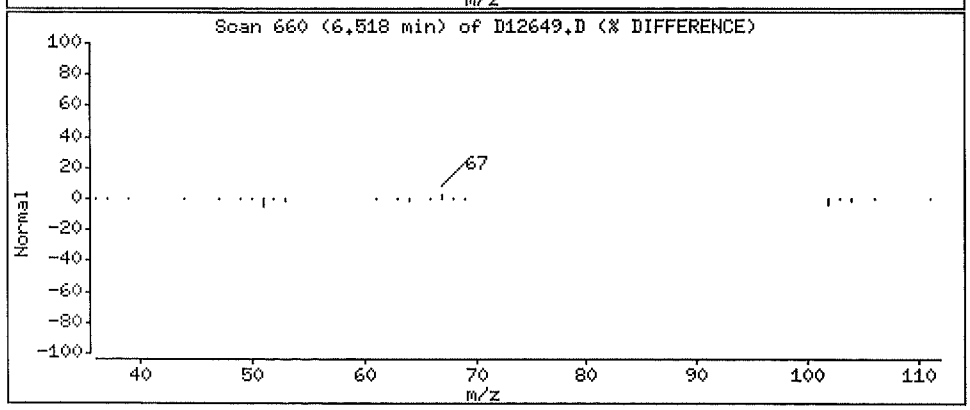
34 1,2-Dichloroethane-d4 2nd

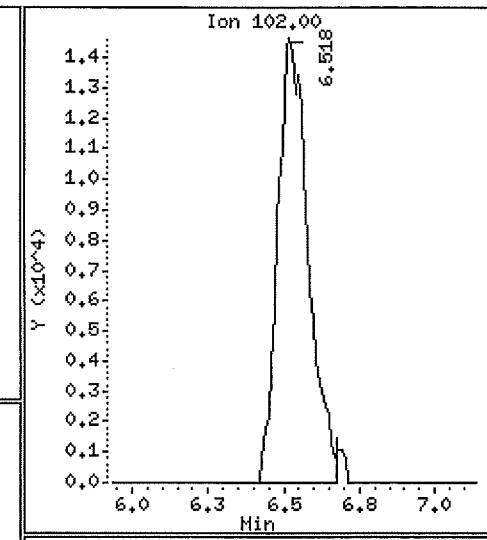
Concentration: 39.60 ug/Kg

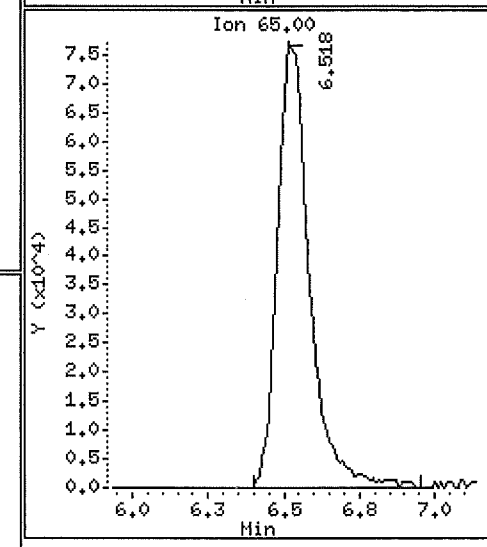












Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12649.D

Date : 02-OCT-2000 18:55

Client ID: D12649

Instrument: md.i

Sample Info: DL3H6101,,2,,0,1,0,8260BDA.M,D12649

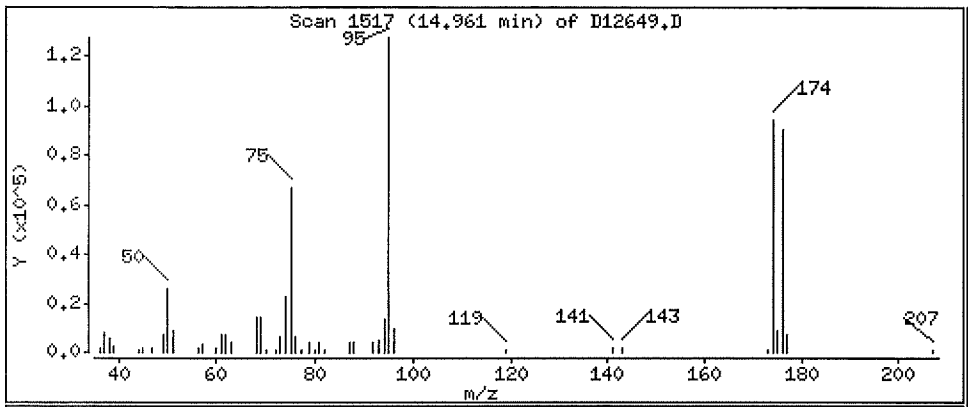
Operator: GFB

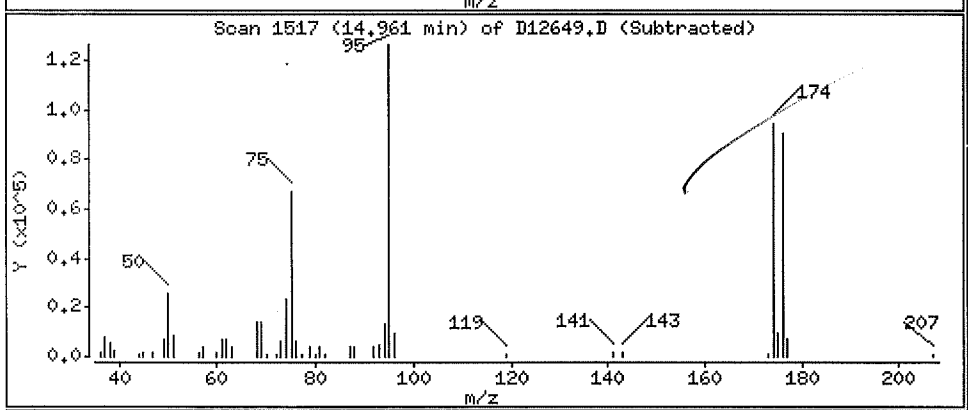
Column phase: J&W DB-624

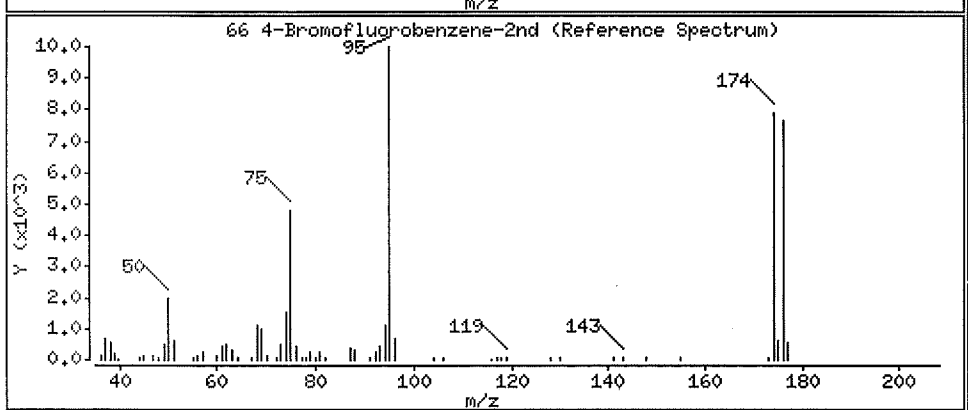
Column diameter: 0.53

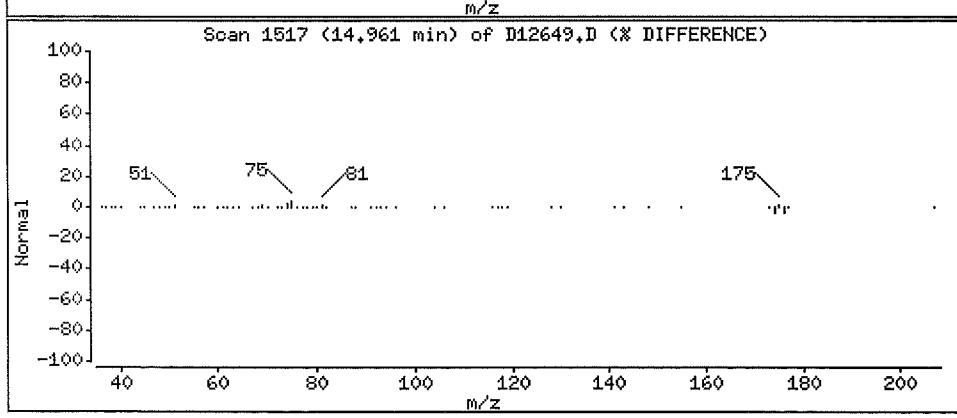
66 4-Bromofluorobenzene-2nd

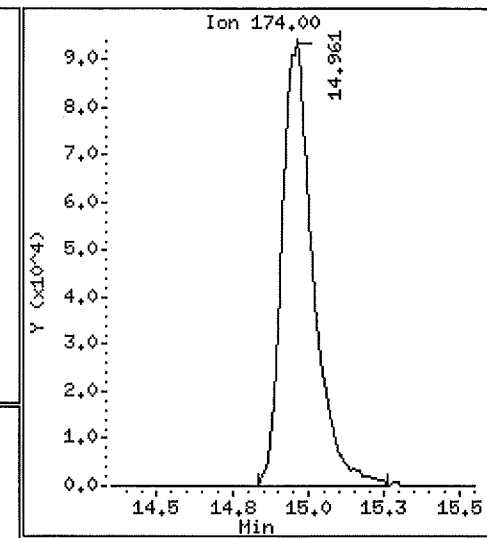
Concentration: 46.46 ug/Kg

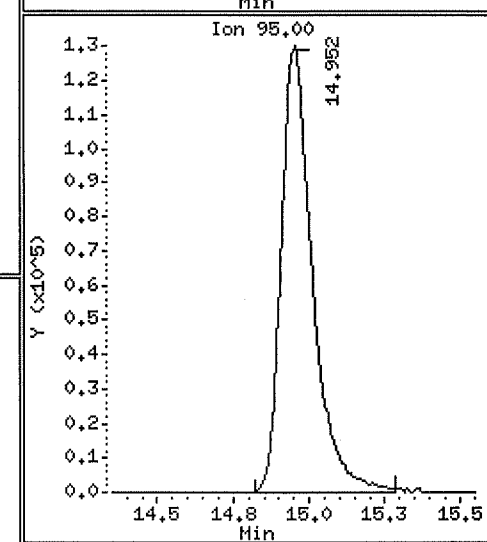


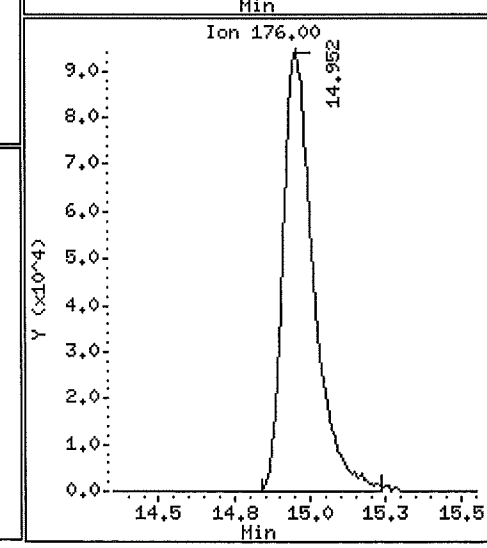












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12649.D

Date : 02-OCT-2000 18:55

Client ID: D12649

Instrument: md.i

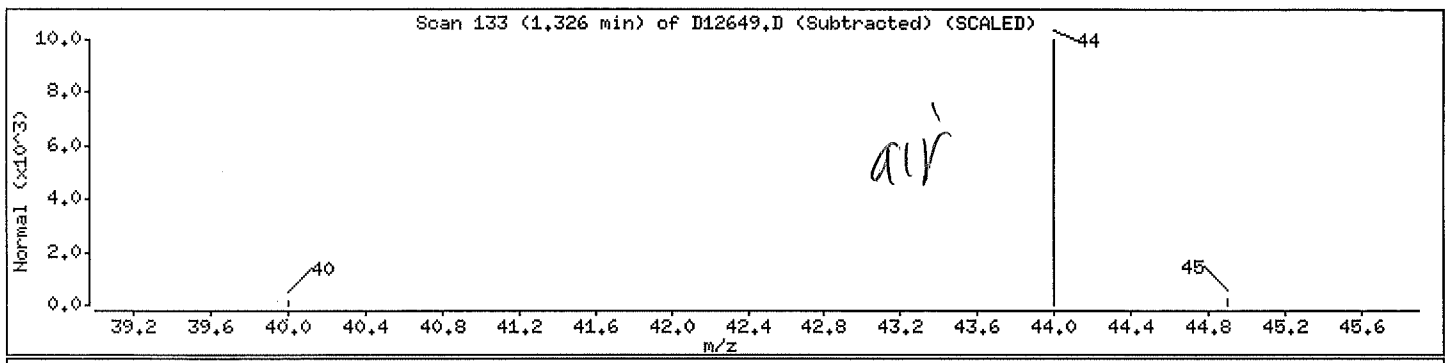
Sample Info: DL3H6101,,2,,0,1,0,8260BDA.M,D12649

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\1002AD.B\D12650.D
Lab Smp Id: DL3H7101 Client Smp ID: D12650
Inj Date : 02-OCT-2000 19:27
Operator : GFB Inst ID: md.i
Smp Info : DL3H7101,,2,,0,1,0,8260BDA.M,D12650
Misc Info : 285-31,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	5.977	5.992	(0.842)	813620	49.5367	49.54	
$ 33 1,2-Dichloroethane-d4	65	6.519	6.524	(0.918)	563731	46.6151	46.62	
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.534	(0.918)	101915	39.4786	39.48	
* 38 Fluorobenzene	96	7.100	7.096	(1.000)	1212303	50.0000		
$ 47 Toluene-d8	98	9.908	9.924	(0.786)	1113199	47.0084	47.01	
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1068655	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.948	(0.866)	650951	48.2258	48.22	
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	891488	45.6638	45.66	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.263	(1.000)	707640	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\1002AD.B\D12650.D
Lab Smp Id: DL3H7101 Client Smp ID: D12650
Inj Date : 02-OCT-2000 19:27
Operator : GFB Inst ID: md.i
Smp Info : DL3H7101,,2,,0,1,0,8260BDA.M,D12650
Misc Info : 285-31,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002AD.B\8260BDA.m
Meth Date : 02-Oct-2000 17:52 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	7.100	2911148	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	537556	9.23271450	9.23	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3H7101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12650
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~~ an	1.317	9.23	J

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12650.D

Date : 02-OCT-2000 19:27

Client ID: D12650

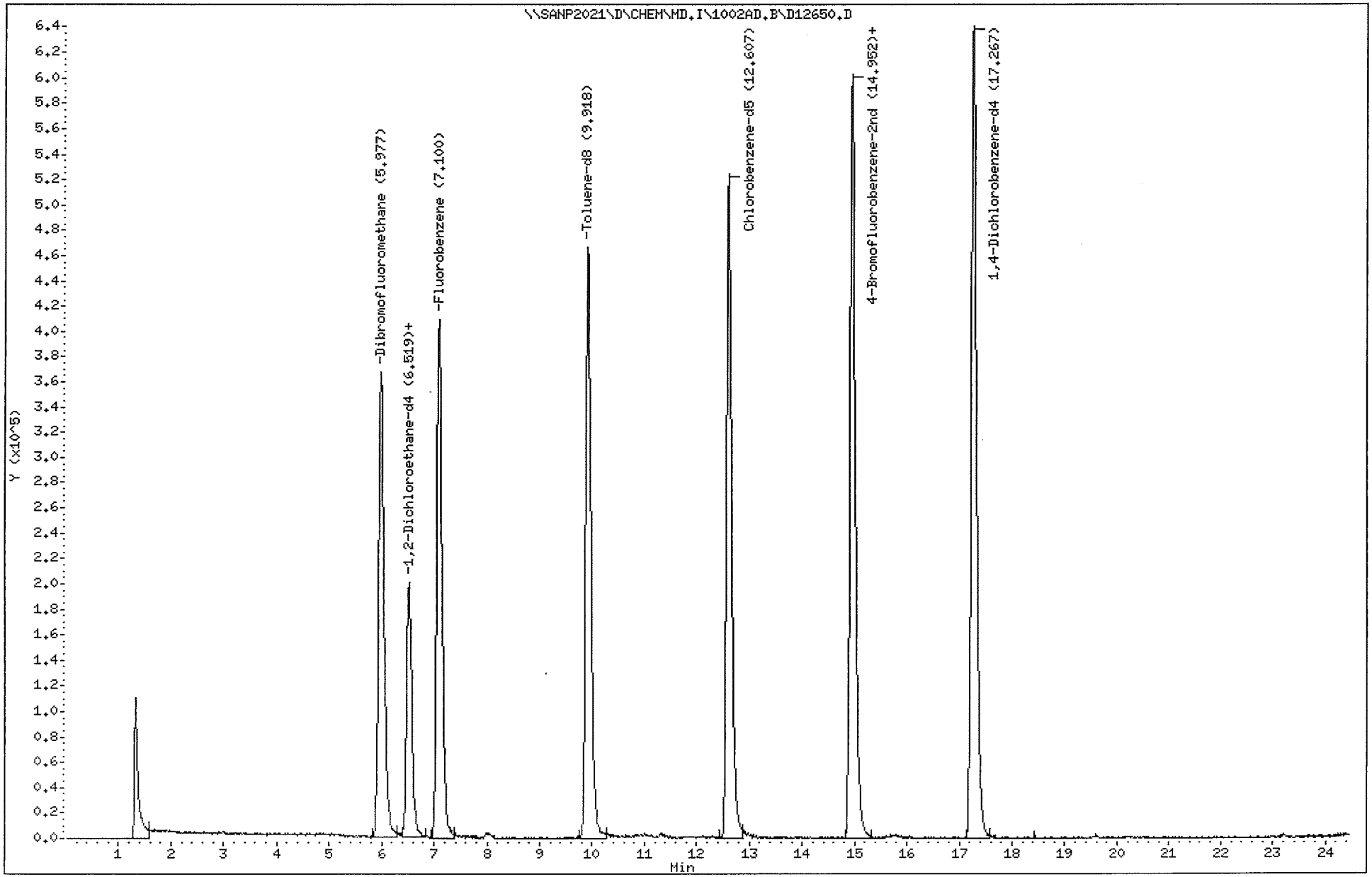
Sample Info: DL3H7101,,2,,0,1,0,8260BDA.M,D12650

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000871

BOE-C6-0156412

Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12650.D

Date : 02-OCT-2000 19:27

Client ID: D12650

Instrument: md.i

Sample Info: DL3H7101,,2,,0,1,0,8260BDA.M,D12650

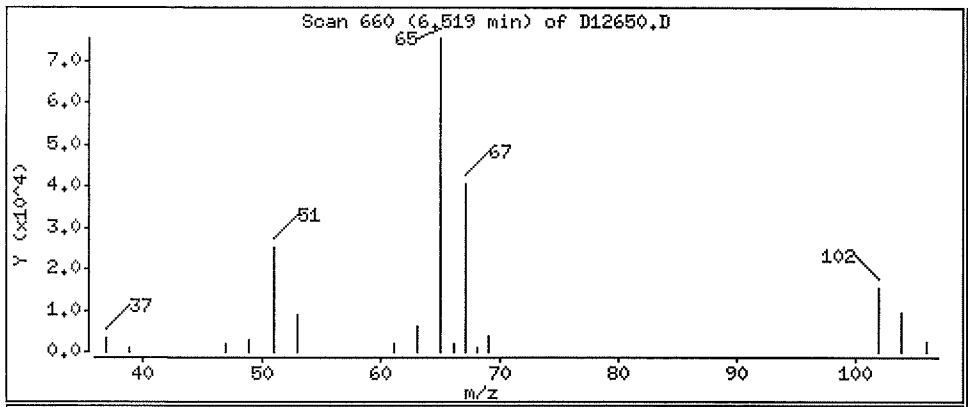
Operator: GFB

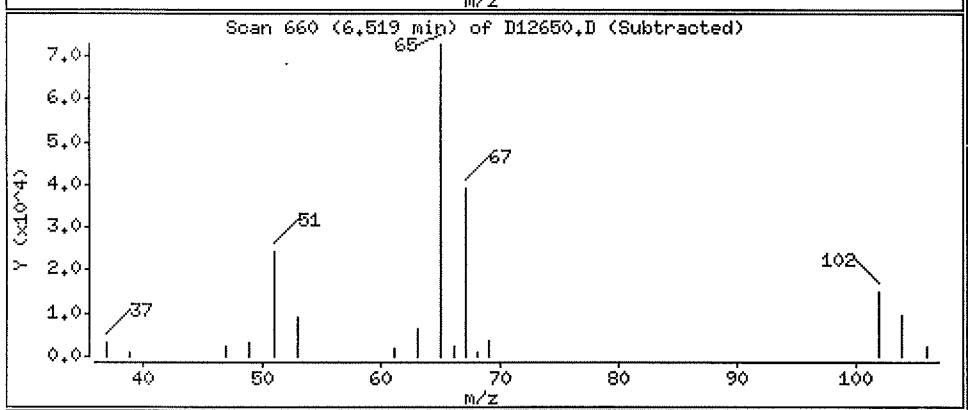
Column phase: J&W DB-624

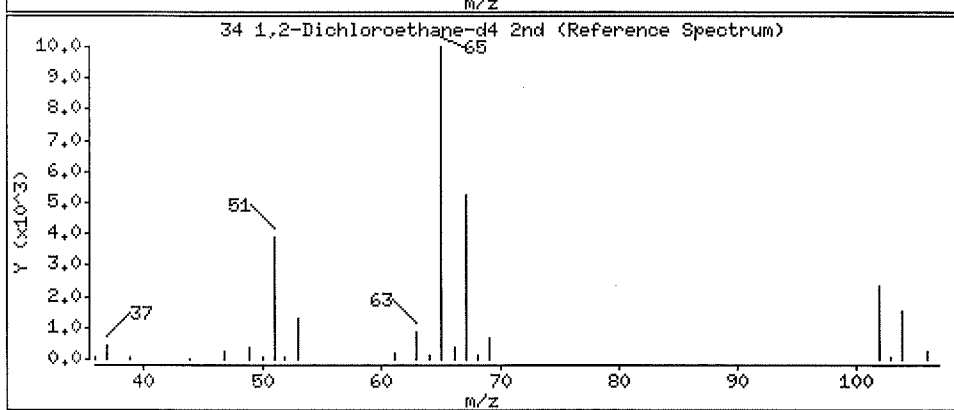
Column diameter: 0.53

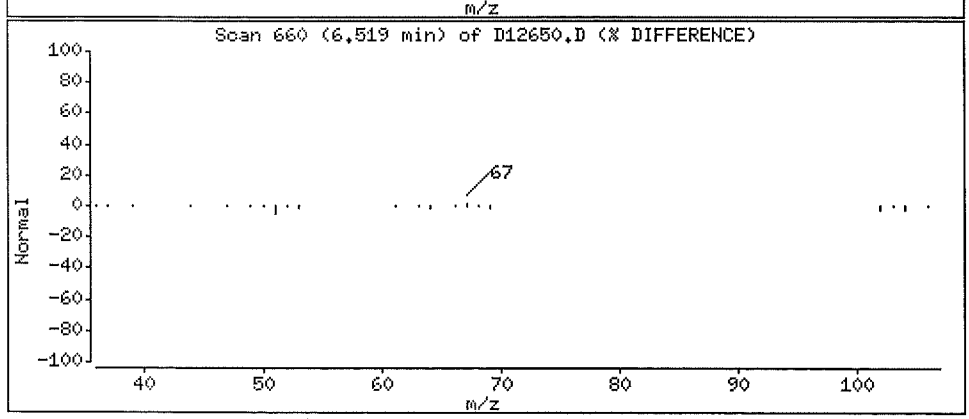
34 1,2-Dichloroethane-d4 2nd

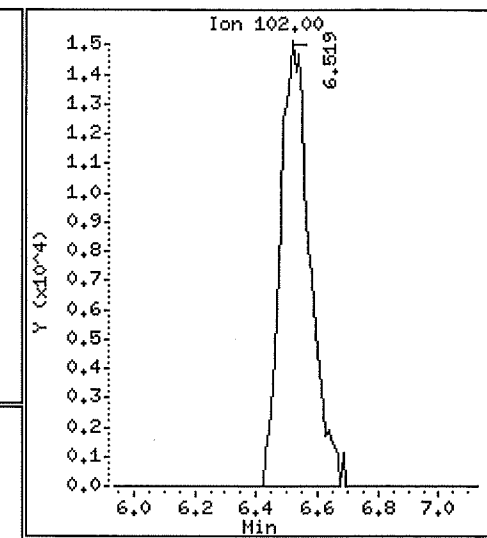
Concentration: 39.48 ug/Kg

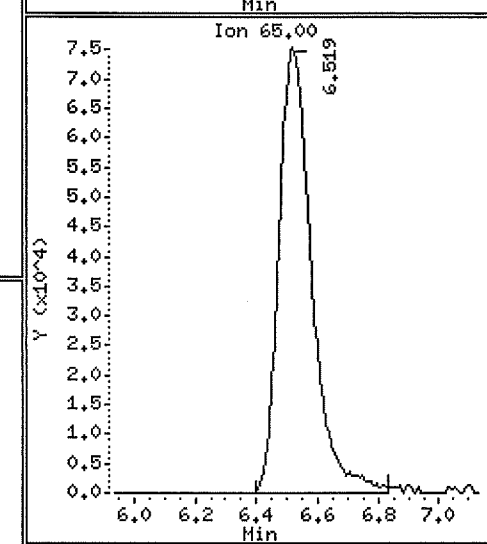












Data File: \\SANP2021\D\CHEM\MD.I\1002AD.B\D12650.D

Date : 02-OCT-2000 19:27

Client ID: D12650

Instrument: md.i

Sample Info: DL3H7101,,2,,0,1,0,8260BDA.M,D12650

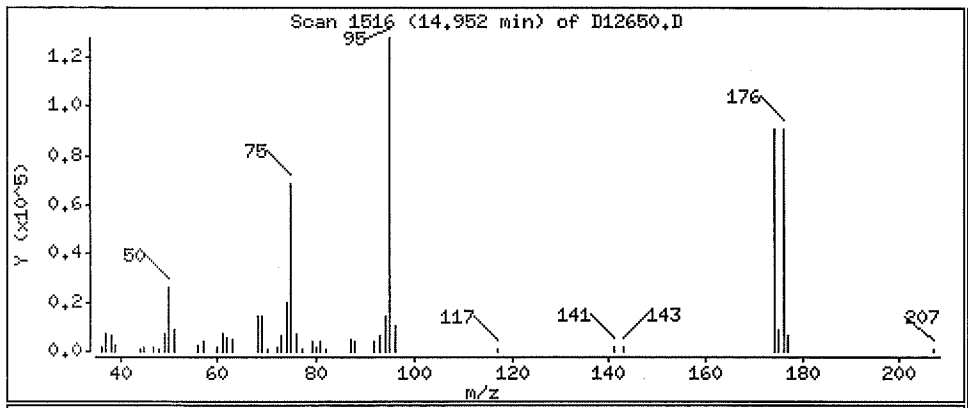
Operator: GFB

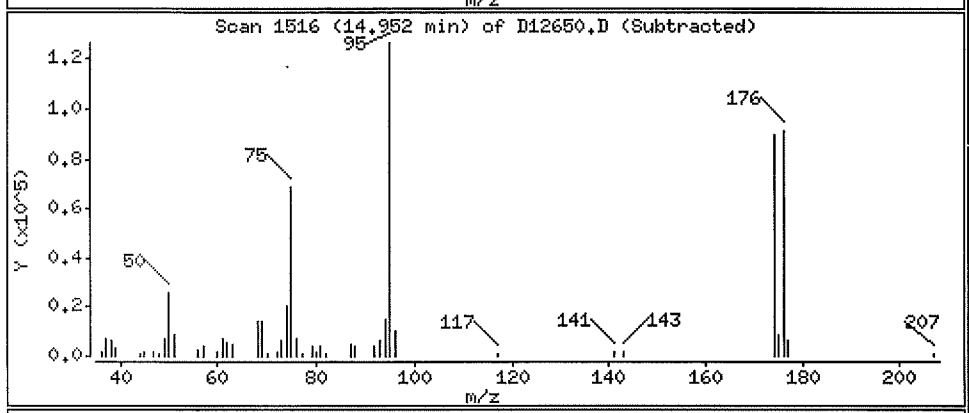
Column phase: J&W DB-624

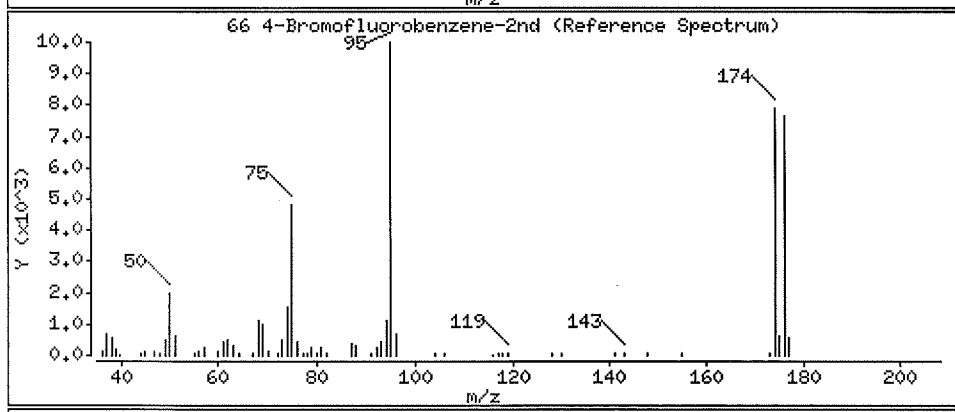
Column diameter: 0.53

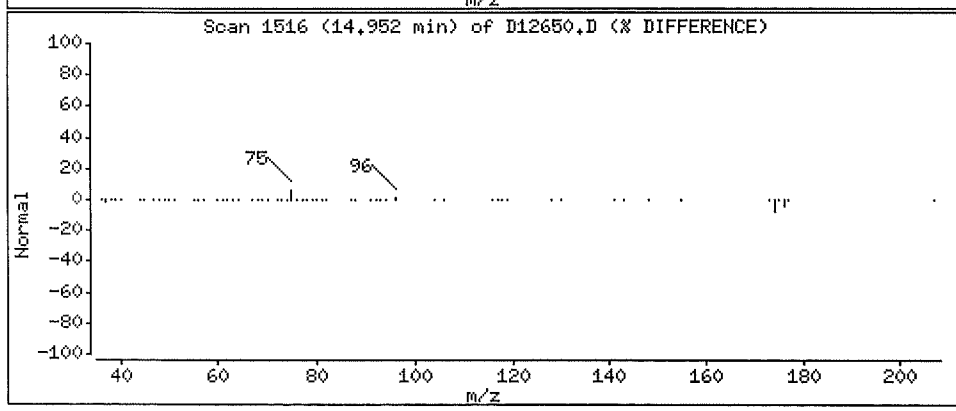
66 4-Bromofluorobenzene-2nd

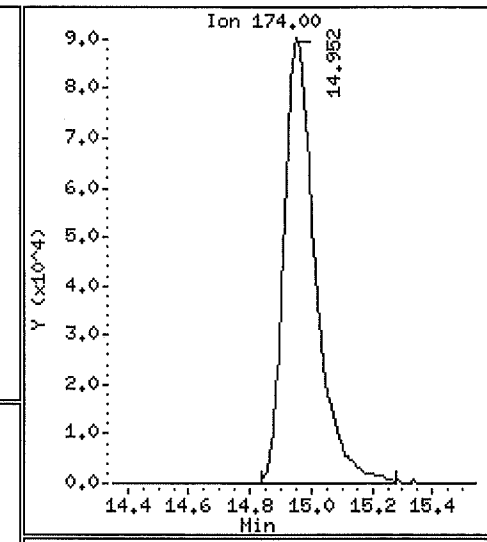
Concentration: 48.22 ug/Kg

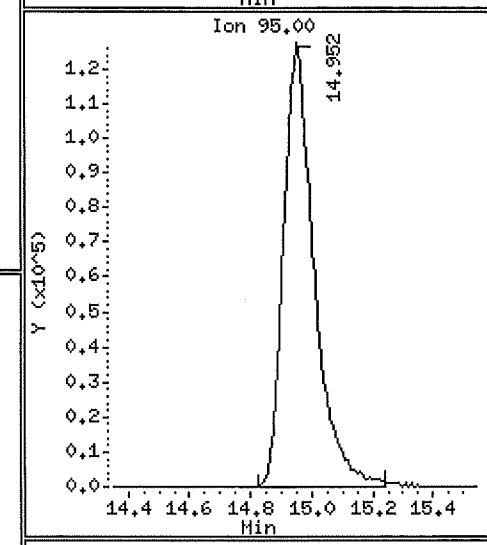


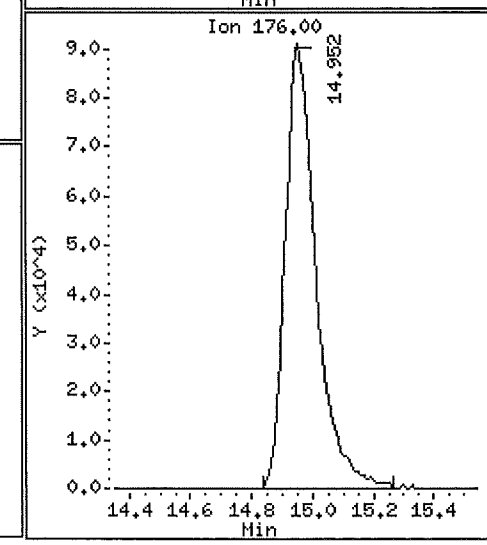












Data File: \\SANP2021\D\chem\md.i\1002AD.B\D12650.D

Date : 02-OCT-2000 19:27

Client ID: D12650

Instrument: md.i

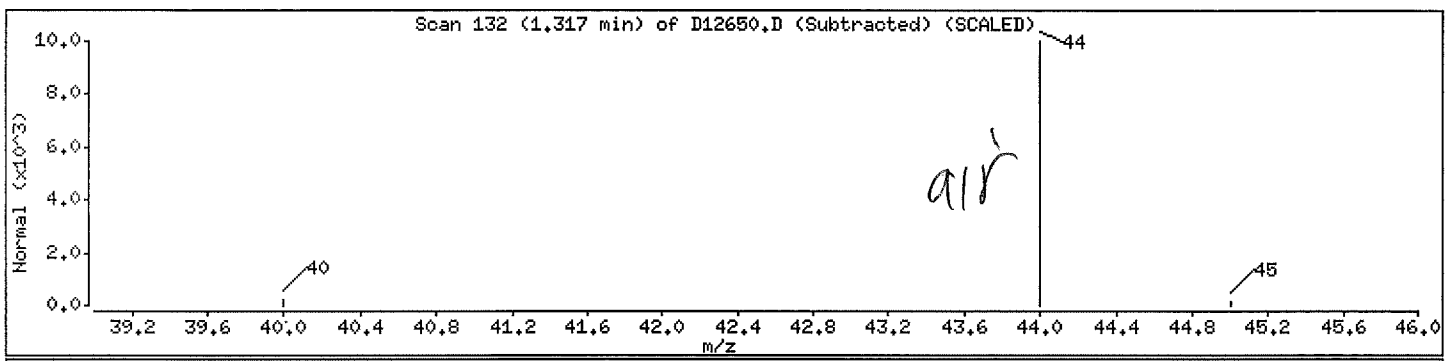
Sample Info: DL3H7101,,2,,0,1,0,8260BDA.M,D12650

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



8260B SAMPLE / QC DATA

DATE ANALYZED: 100200

INSTRUMENT ID: MSD

SAMPLES: EOI260285- 32 → 51

BOE-C6-0156416

STL Los An s

Batch ID: 0277239

GC/MS VOA Run Log

☐ EPA 524.2 ☐ EPA 624 ☑ SW8260B [SOP: CORP-MS-0002 Rev 2] ☐ 5030B ☐ 5035 Cr10 4cw

Inst ID: MSD | EM Set: 1706 | Tune File: BFB.U | Seq File: 10/2/B12

Init. Cal ID: 8260BDA 9-6-2000 | Date: 10/2/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
19:53	MD	DT 1558	50ng BFB			1µ			✓			MSVOA 1198-1
20:08		DS 2507	50ppb 8260B	1	S	5g	1.0	133	✓			STD1234-1
20:49		D12651	LCS 1002 0703D	2				135	✓			BC 1235-2
21:21		52	MB 1002 0703D	3				133	✓			
22:02		53	DL3H8101	4				131	✓			FOF260285-32
22:34		54	DL3H9101	5				124	✓			-33
23:06		55	DL3HD101	6				123	✓			-34
23:37		56	DL3HF101	7				122	✓			-35
0:09		57	DL3HG101	8				124	✓			-36
0:41		58	DL3HH101	9				123	✓			-37
1:12		59	DL3HJ101	10				125	✓			-38
1:44		60	DL3HR101	11				123	✓			42 ~~-39~~
2:16		61	DL3HW101	12				119	✓			43 ~~-40~~
2:48		62	DL3J1101	13				122	✓			-44
3:19		63	DL3H8102S	14				124	✓			32 MS
3:51		64	DL3H8103D	15				126	✓			-MSD
4:23		65	DL3J2101	16				127	✓			-45
4:55		66	DL3J3101	17				126	✓			-46
5:26		67	DL3J4101	18				124	✓			-47
5:58		68	DL3J5101	19				122	✓			-48
6:30		69	DL3J6101	20				122	✓			-49
7:02		70	DL3J7101	21				121	✓			-50
7:33		D12671	DL3J8101	22				124	✓			-51

000085

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

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

Lab File ID (Standard): DS2507 Date Analyzed: 10/02/00

Instrument ID: MD Time Analyzed: 2008

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	1335766	7.10	1151024	12.61	825937	17.27
	UPPER LIMIT	2671532	7.60	2302048	13.11	1651874	17.77
	LOWER LIMIT	667883	6.60	575512	12.11	412969	16.77
	EPA SAMPLE NO.						
01	D12651	1359693	7.10	1157972	12.61	836846	17.27
02	D12652	1330447	7.08	1169293	12.60	817880	17.26
03	D12653	1318814	7.10	1143019	12.63	802128	17.66
04	D12654	1243422	7.10	1054533	12.61	705121	17.26
05	D12655	1231746	7.08	1076069	12.61	740212	17.25
06	D12656	1224342	7.10	1068943	12.60	737849	17.26
07	D12657	1214670	7.09	1066362	12.61	740070	17.26
08	D12658	1239053	7.10	1071076	12.61	747219	17.26
09	D12659	1258865	7.09	1120380	12.61	789835	17.27
10	D12660	1230549	7.10	1086416	12.61	758646	17.27
11	D12661	1195715	7.10	1055510	12.62	704855	17.27
12	D12662	1229543	7.10	1086313	12.61	774864	17.26
13	D12664	1261640	7.11	1074404	12.61	789914	17.27
14	D12665	1277448	7.09	1109483	12.60	748442	17.26
15	D12666	1266719	7.10	1103128	12.62	777595	17.27
16	D12667	1248447	7.09	1078358	12.61	739591	17.27
17	D12668	1222160	7.11	1091012	12.62	762853	17.27
18	D12669	1225229	7.11	1082907	12.61	777420	17.26
19	D12670	1212119	7.10	1060375	12.61	725271	17.27
20	D12671	1213074	7.11	1065254	12.62	761272	17.27
21							
22							

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

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

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

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1002BD.B\DT1558.D
Lab Smp Id:
Inj Date : 02-OCT-2000 19:53
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\1002BD.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		
1.7950	1.8000	(0.000)	95	64805			0.00- 100.00	100.00
1.7950	1.8000	(0.000)	50	12643			15.00- 40.00	19.51
1.7950	1.8000	(0.000)	75	34029			30.00- 60.00	52.51
1.7950	1.8000	(0.000)	96	5492			5.00- 9.00	8.47
1.7950	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7950	1.8000	(0.000)	174	50365			50.00- 0.00	77.72
1.7950	1.8000	(0.000)	175	3996			5.00- 9.00	7.93
1.7950	1.8000	(0.000)	176	48933			95.00- 101.00	97.16
1.7950	1.8000	(0.000)	177	4057			5.00- 9.00	8.29

HT
10/2/2000

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\DT1558.D

Date : 02-OCT-2000 19:53

Client ID:

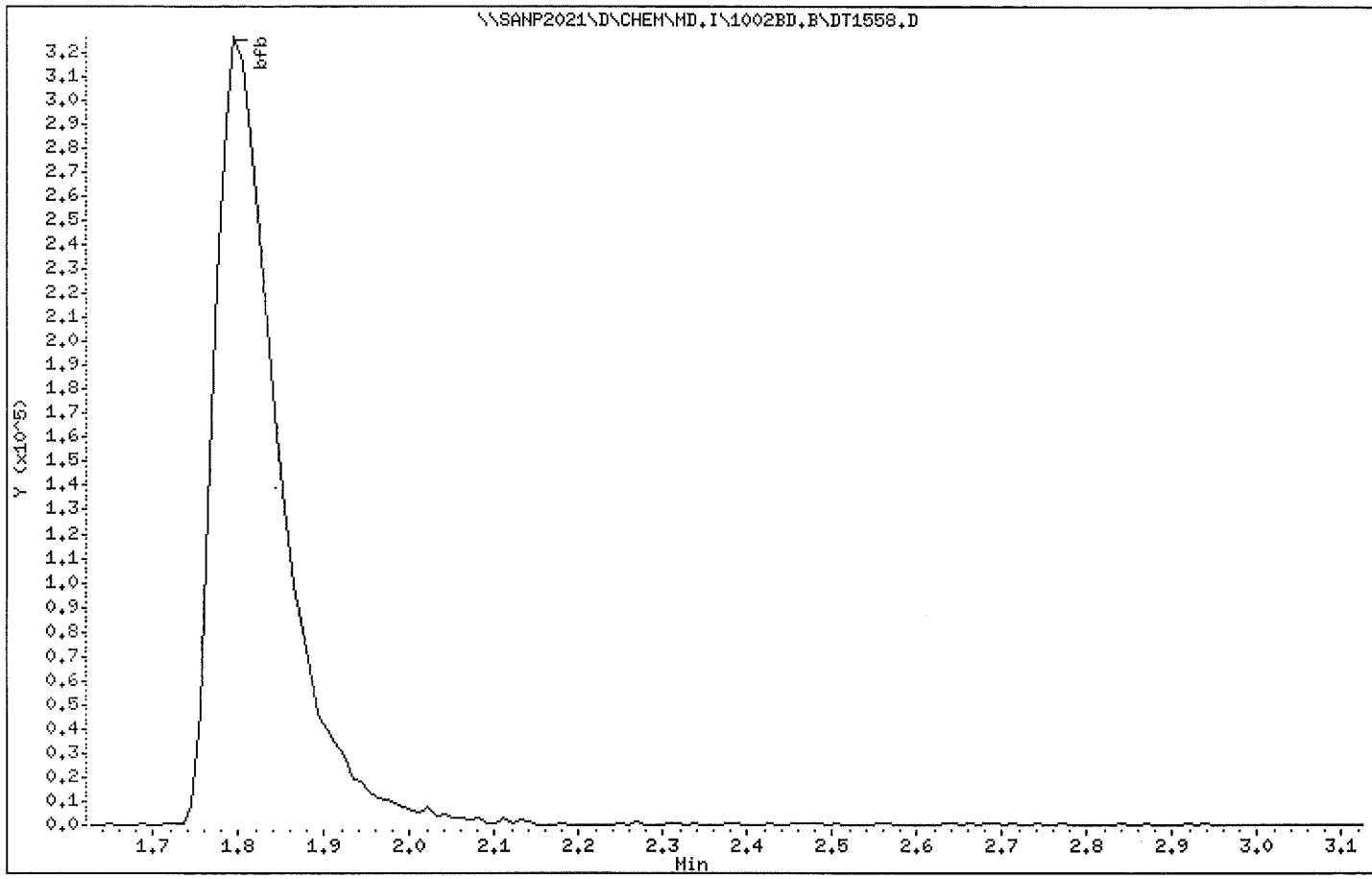
Instrument: md.i

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\1002BD.B\DT1558.D

Date : 02-OCT-2000 19:53

Client ID:

Instrument: md.i

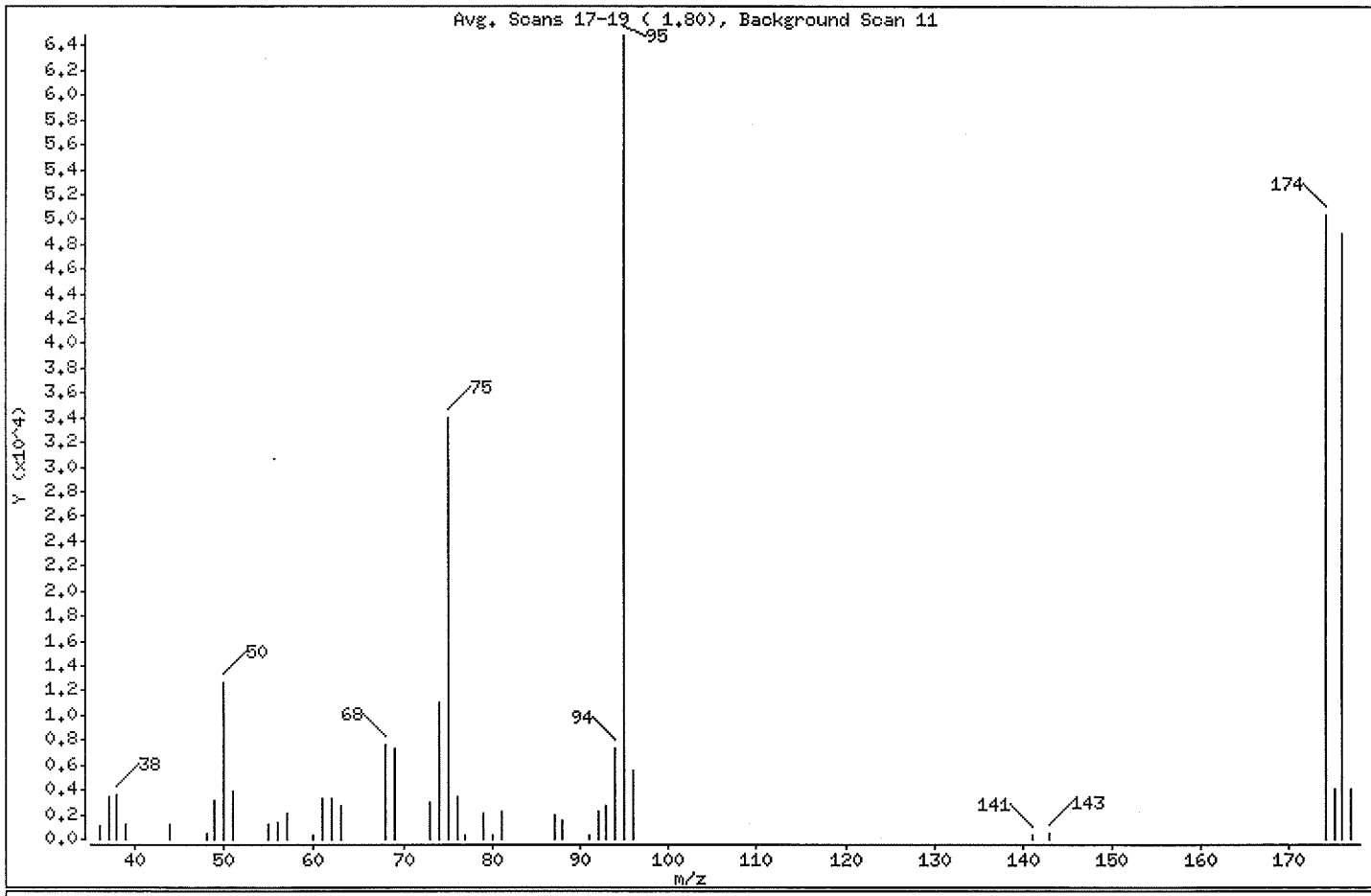
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

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	19.51
75	30.00 - 60.00% of mass 95	52.51
96	5.00 - 9.00% of mass 95	8.47
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	77.72
175	5.00 - 9.00% of mass 174	6.17 (7.93)
176	95.00 - 101.00% of mass 174	75.51 (97.16)
177	5.00 - 9.00% of mass 176	6.26 (8.29)

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\DT1558.D

Date : 02-OCT-2000 19:53

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: DT1558.D
Spectrum: Avg. Scans 17-19 (1.80), 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	1096	57.00	2049	77.00	307	96.00	5492
37.00	3376	60.00	321	79.00	2125	141.00	309
38.00	3549	61.00	3338	80.00	297	143.00	505
39.00	1230	62.00	3213	81.00	2290	174.00	50360
44.00	1131	63.00	2672	87.00	2000	175.00	3996
48.00	506	68.00	7590	88.00	1519	176.00	48928
49.00	3127	69.00	7257	91.00	323	177.00	4057
50.00	12643	73.00	2935	92.00	2292		
51.00	3873	74.00	10982	93.00	2627		
55.00	1128	75.00	34024	94.00	7371		
56.00	1322	76.00	3488	95.00	64800		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2507.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m

Injection Date: 02-OCT-2000 20:08
Init. Cal. Date(s): 06-SEP-2000 06-SEP-2000
Init. Cal. Times: 10:25 13:13

MM 10/2/2000

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.56321	0.66600	0.010	18.3	50.0	
	2 Vinyl chloride (*)	0.30351	0.25293	0.010	-16.7	20.0	
	3 Chloromethane (**)	0.28107	0.21810	0.100	-22.4	50.0	
	4 Bromomethane	0.21067	0.24848	0.010	17.9	50.0	
	5 Chloroethane	0.17437	0.16458	0.010	-5.6	50.0	
	6 Trichlorofluoromethane	0.65783	0.93546	0.010	42.2	50.0	
	7 Acrolein	0.00836	0.01108	0.001	32.6	50.0	
	8 1,1-Dichloroethene(*)	0.27307	0.28599	0.010	4.7	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.42290	0.46434	0.010	9.8	50.0	
	10 Acetone	0.07937	0.05679	0.010	-28.5	50.0	
	11 Iodomethane	0.52292	0.62768	0.001	20.0	50.0	
	12 Carbon disulfide	0.74165	0.57603	0.010	-22.3	50.0	
	13 Methylene chloride	0.29015	0.28536	0.010	-1.7	50.0	
	14 t-Butanol	0.00825	0.00668	0.001	-19.0	20.0	
	15 trans-1,2-Dichloroethene	0.32153	0.32782	0.010	2.0	50.0	
	16 Acrylonitrile	0.05148	0.04452	0.001	-13.5	20.0	
	17 Methyl-tert-butyl ether[MTB	0.78108	0.72706	0.010	-6.9	50.0	
	18 1,1-Dichloroethane (**)	0.60641	0.58075	0.100	-4.2	50.0	
	19 Vinyl acetate	0.88553	0.71065	0.010	-19.7	50.0	
	20 Isopropyl ether	1.19346	0.93905	0.010	-21.3	20.0	<-
	21 2,2-Dichloropropane	0.60533	0.63074	0.010	4.2	50.0	
	22 Tert-butyl ethyl ether	1.04219	0.93100	0.010	-10.7	20.0	
	23 cis-1,2-Dichloroethene	0.33040	0.34556	0.010	4.6	50.0	
	24 2-Butanone	0.14443	0.09135	0.010	-36.7	50.0	
	25 Bromochloromethane	0.20390	0.23235	0.010	14.0	50.0	
	26 Chloroform (*)	0.71863	0.76141	0.010	6.0	20.0	
	27 Tetrahydrofuran	0.09748	0.06429	0.010	-34.0	50.0	
M	28 1,2-Dichloroethene (total)	0.32597	0.33669	0.010	3.3	50.0	
$	29 Dibromofluoromethane	0.67741	0.66348	0.010	-2.1	50.0	
	30 1,1,1-Trichloroethane	0.71765	0.82312	0.010	14.7	50.0	
	31 Carbon Tetrachloride	0.66685	0.82915	0.010	24.3	50.0	
	32 1,1-Dichloropropene	0.59264	0.57472	0.010	-3.0	50.0	
$	33 1,2-Dichloroethane-d4	0.49877	0.48044	0.010	-3.7	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.10647	0.09200	0.010	-13.6	50.0	
	35 Benzene	0.92594	0.86519	0.010	-6.6	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 02-OCT-2000 20:08
Lab File ID: DS2507.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\1002BD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	36 1,2-Dichloroethane	0.54805	0.58120	0.010	6.0	50.0
	37 Tert-amyl methyl ether	0.97734	0.85966	0.010	-12.0	20.0
	39 Trichloroethene	0.46397	0.48697	0.010	5.0	50.0
	40 1,2-Dichloropropane(*)	0.40119	0.34905	0.010	-13.0	20.0
	41 Dibromomethane	0.33695	0.34776	0.010	3.2	50.0
	42 Bromodichloromethane	0.72430	0.76305	0.010	5.4	50.0
	43 1-Bromo-2-chloroethane	0.82543	0.82495	0.010	-0.1	50.0
	44 2-Chloroethylvinyl ether	0.05358	0.04620	0.010	-13.8	20.0
	45 cis-1,3-Dichloropropene	0.60537	0.53994	0.010	-10.8	50.0
	46 4-Methyl-2-pentanone	0.39818	0.27209	0.010	-31.7	50.0
$	47 Toluene-d8	1.10798	1.07276	0.010	-3.2	50.0
	48 Toluene (*)	1.17385	1.23908	0.010	5.6	20.0
	49 trans-1,3-Dichloropropene	0.57547	0.57352	0.010	-0.3	50.0
	50 1,1,2-Trichloroethane	0.38581	0.40621	0.010	5.3	50.0
	51 Tetrachloroethene	0.47633	0.57084	0.010	19.8	50.0
	52 1,3-Dichloropropane	0.65108	0.64158	0.010	-1.5	50.0
	53 2-Hexanone	0.30576	0.22219	0.010	-27.3	50.0
	54 Dibromochloromethane	0.65183	0.75405	0.010	15.7	50.0
	55 1,2-Dibromoethane	0.58136	0.62890	0.010	8.2	50.0
	57 Chlorobenzene (**)	0.92094	0.99334	0.300	7.9	50.0
	58 1,1,1,2-Tetrachloroethane	0.51863	0.61334	0.010	18.3	50.0
	59 Ethylbenzene (*)	0.44443	0.46854	0.010	5.4	20.0
	60 m,p-Xylenes	0.55763	0.59024	0.010	5.8	50.0
	61 o-Xylene	0.54781	0.57498	0.010	5.0	50.0
	62 Styrene	0.89369	0.94196	0.010	5.4	50.0
M	63 Xylenes (total)	0.55436	0.58515	0.010	5.6	50.0
	64 Bromoform (**)	0.54541	0.62211	0.100	14.1	50.0
	65 Isopropylbenzene	1.68425	1.82220	0.010	8.2	50.0
	66 4-Bromofluorobenzene-2nd	0.95373	0.92633	0.010	-2.9	50.0
$	67 4-Bromofluorobenzene	1.37943	1.26325	0.010	-8.4	50.0
	68 Bromobenzene	0.78073	0.82636	0.010	5.8	50.0
	69 1,1,2,2-Tetrachloroethane(*	0.95770	0.88860	0.300	-7.2	50.0
	70 1,2,3-Trichloropropane	0.30263	0.30361	0.010	0.3	50.0
	71 n-Propylbenzene	2.66197	2.70959	0.010	1.8	50.0
	72 2-Chlorotoluene	0.60475	0.62058	0.010	2.6	50.0
	73 4-Chlorotoluene	0.62594	0.64903	0.010	3.7	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 02-OCT-2000 20:08
Lab File ID: DS2507.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\1002BD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08115	2.18176	0.010	4.8	50.0
75 tert-Butylbenzene	2.14430	2.22745	0.010	3.9	50.0
76 1,2,4-Trimethylbenzene	2.11445	2.20347	0.010	4.2	50.0
77 sec-Butylbenzene	2.93236	2.96529	0.010	1.1	50.0
78 1,3-Dichlorobenzene	1.33156	1.42316	0.010	6.9	50.0
80 1,4-Dichlorobenzene	1.43001	1.51708	0.010	6.1	50.0
81 p-Isopropyltoluene	2.32796	2.49001	0.010	7.0	50.0
82 1,2-Dichlorobenzene	1.27328	1.36155	0.010	6.9	50.0
83 n-Butylbenzene	2.32871	2.42352	0.010	4.1	50.0
84 1,2-Dibromo-3-chloropropane	0.31695	0.29139	0.010	-8.1	50.0
85 1,2,4-Trichlorobenzene	1.15224	1.27105	0.010	10.3	50.0
86 Hexachlorobutadiene	0.88170	1.08809	0.010	23.4	50.0
87 Napthalene	1.95521	1.83816	0.010	-6.0	50.0
88 1,2,3-Trichlorobenzene	1.08125	1.16893	0.010	8.1	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1002BD.B/DS2507.D
Inj. Date : 02-OCT-2000 20:08

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	7.10	0.00	1312731	1335766	101.8%
Chlorobenzene-d5	12.62	12.61	0.01	1398955	1151024	82.3%
1,4-Dichlorobenzene-d4	17.27	17.27	0.00	1008220	825937	81.9%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2507.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Misc Info: 1239-1,,5,,2,all.SUB

Calibration Date: 02-OCT-2000
Calibration Time: 20:08

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1335766	667883	2671532	1335766	0.00
56 Chlorobenzene-d5	1151024	575512	2302048	1151024	0.00
79 1,4-Dichlorobenze	825937	412969	1651874	825937	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.10	0.00
56 Chlorobenzene-d5	12.61	12.11	13.11	12.61	0.00
79 1,4-Dichlorobenze	17.27	16.77	17.77	17.27	0.00

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

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002BD.B\DS2507.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 02-OCT-2000 20:08
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1239-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 20:32 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	1.470	1.470	(0.207)	889616	50.0000	59.12
2 Vinyl chloride (*)	62	1.697	1.697	(0.239)	337860	50.0000	41.67
3 Chloromethane (**)	50	1.638	1.638	(0.231)	291332	50.0000	38.80
4 Bromomethane	94	1.983	1.983	(0.279)	331917	50.0000	58.97
5 Chloroethane	64	2.062	2.062	(0.291)	219842	50.0000	47.19
6 Trichlorofluoromethane	101	2.298	2.298	(0.324)	1249553	50.0000	71.10
7 Acrolein	56	2.702	2.702	(0.381)	148026	500.000	662.8(AQ)
8 1,1-Dichloroethene(*)	96	2.781	2.781	(0.392)	382010	50.0000	52.36
9 1,1,2-Trichlorotrifluoroethan	151	2.801	2.801	(0.395)	620244	50.0000	54.90
10 Acetone	43	2.869	2.869	(0.404)	379262	250.000	178.9
11 Iodomethane	142	2.948	2.948	(0.415)	1676854	100.000	120.0(A)
12 Carbon disulfide	76	3.007	3.007	(0.424)	769440	50.0000	38.83
13 Methylene chloride	84	3.333	3.333	(0.470)	381172	50.0000	49.17
14 t-Butanol	59	2.574	2.574	(0.363)	223057	1250.00	1013

	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	3.668	3.668	(0.517)	437892	50.0000	50.98
	16 Acrylonitrile	53	3.668	3.668	(0.517)	594690	500.000	432.4(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.717	3.717	(0.524)	971184	50.0000	46.54
	18 1,1-Dichloroethane (**)	63	4.269	4.269	(0.602)	775742	50.0000	47.88
	19 Vinyl acetate	43	4.397	4.397	(0.620)	1898511	100.000	80.25
	20 Isopropyl ether	45	4.446	4.446	(0.627)	1254351	50.0000	39.34
	21 2,2-Dichloropropane	77	5.145	5.145	(0.725)	842525	50.0000	52.10
	22 Tert-butyl ethyl ether	59	5.007	5.007	(0.706)	1243598	50.0000	44.66
	23 cis-1,2-Dichloroethene	96	5.165	5.165	(0.728)	461593	50.0000	52.29
	24 2-Butanone	43	5.274	5.274	(0.743)	610141	250.000	158.1
	25 Bromochloromethane	128	5.549	5.549	(0.782)	310365	50.0000	56.98
	26 Chloroform (*)	83	5.727	5.727	(0.807)	1017069	50.0000	52.98
	27 Tetrahydrofuran	42	5.677	5.677	(0.800)	85874	50.0000	32.98
M	28 1,2-Dichloroethene (total)	100				899486	100.000	103.3
$	29 Dibromofluoromethane	111	5.983	5.983	(0.843)	886249	50.0000	48.97
	30 1,1,1-Trichloroethane	97	5.963	5.963	(0.840)	1099491	50.0000	57.35
	31 Carbon Tetrachloride	117	6.239	6.239	(0.879)	1107551	50.0000	62.17
	32 1,1-Dichloropropene	75	6.259	6.259	(0.882)	767695	50.0000	48.49
$	33 1,2-Dichloroethane-d4	65	6.525	6.525	(0.919)	641752	50.0000	48.16
	34 1,2-Dichloroethane-d4 2nd	102	6.525	6.525	(0.919)	122885	50.0000	43.20
	35 Benzene	78	6.594	6.594	(0.929)	1155695	50.0000	46.72
	36 1,2-Dichloroethane	62	6.653	6.653	(0.938)	776347	50.0000	53.02
	37 Tert-amyl methyl ether	73	6.889	6.889	(0.971)	1148311	50.0000	43.98
*	38 Fluorobenzene	96	7.096	7.096	(1.000)	1335766	50.0000	
	39 Trichloroethene	130	7.746	7.746	(1.092)	650480	50.0000	52.48
	40 1,2-Dichloropropane(*)	63	8.131	8.131	(1.146)	466246	50.0000	43.50
	41 Dibromomethane	93	8.318	8.318	(1.172)	464523	50.0000	51.60
	42 Bromodichloromethane	83	8.653	8.653	(1.219)	1019256	50.0000	52.68
	43 1-Bromo-2-chloroethane	63	9.155	9.155	(1.290)	1101934	50.0000	49.97
	44 2-Chloroethylvinyl ether	106	9.254	9.254	(1.304)	123435	100.000	86.23(Q)
	45 cis-1,3-Dichloropropene	75	9.470	9.470	(1.335)	721236	50.0000	44.60
	46 4-Methyl-2-pentanone	43	9.806	9.806	(1.382)	1817226	250.000	170.8
$	47 Toluene-d8	98	9.924	9.924	(0.787)	1234776	50.0000	48.41
	48 Toluene (*)	91	10.042	10.042	(0.796)	1426208	50.0000	52.78
	49 trans-1,3-Dichloropropene	75	10.525	10.525	(0.834)	660133	50.0000	49.83
	50 1,1,2-Trichloroethane	97	10.840	10.840	(0.859)	467558	50.0000	52.64
	51 Tetrachloroethene	164	11.047	11.047	(0.876)	657046	50.0000	59.92
	52 1,3-Dichloropropane	76	11.116	11.116	(0.881)	738473	50.0000	49.27
	53 2-Hexanone	43	11.382	11.382	(0.902)	1278714	250.000	181.7
	54 Dibromochloromethane	129	11.549	11.549	(0.916)	867928	50.0000	57.84
	55 1,2-Dibromoethane	107	11.697	11.697	(0.927)	723876	50.0000	54.09
*	56 Chlorobenzene-d5	117	12.613	12.613	(1.000)	1151024	50.0000	
	57 Chlorobenzene (**)	112	12.663	12.663	(1.004)	1143360	50.0000	53.93
	58 1,1,1,2-Tetrachloroethane	131	12.860	12.860	(1.020)	705971	50.0000	59.13
	59 Ethylbenzene (*)	106	12.929	12.929	(1.025)	539302	50.0000	52.71
	60 m,p-Xylenes	106	13.175	13.175	(1.045)	1358761	100.000	105.8
	61 o-Xylene	106	13.934	13.934	(1.105)	661816	50.0000	52.48

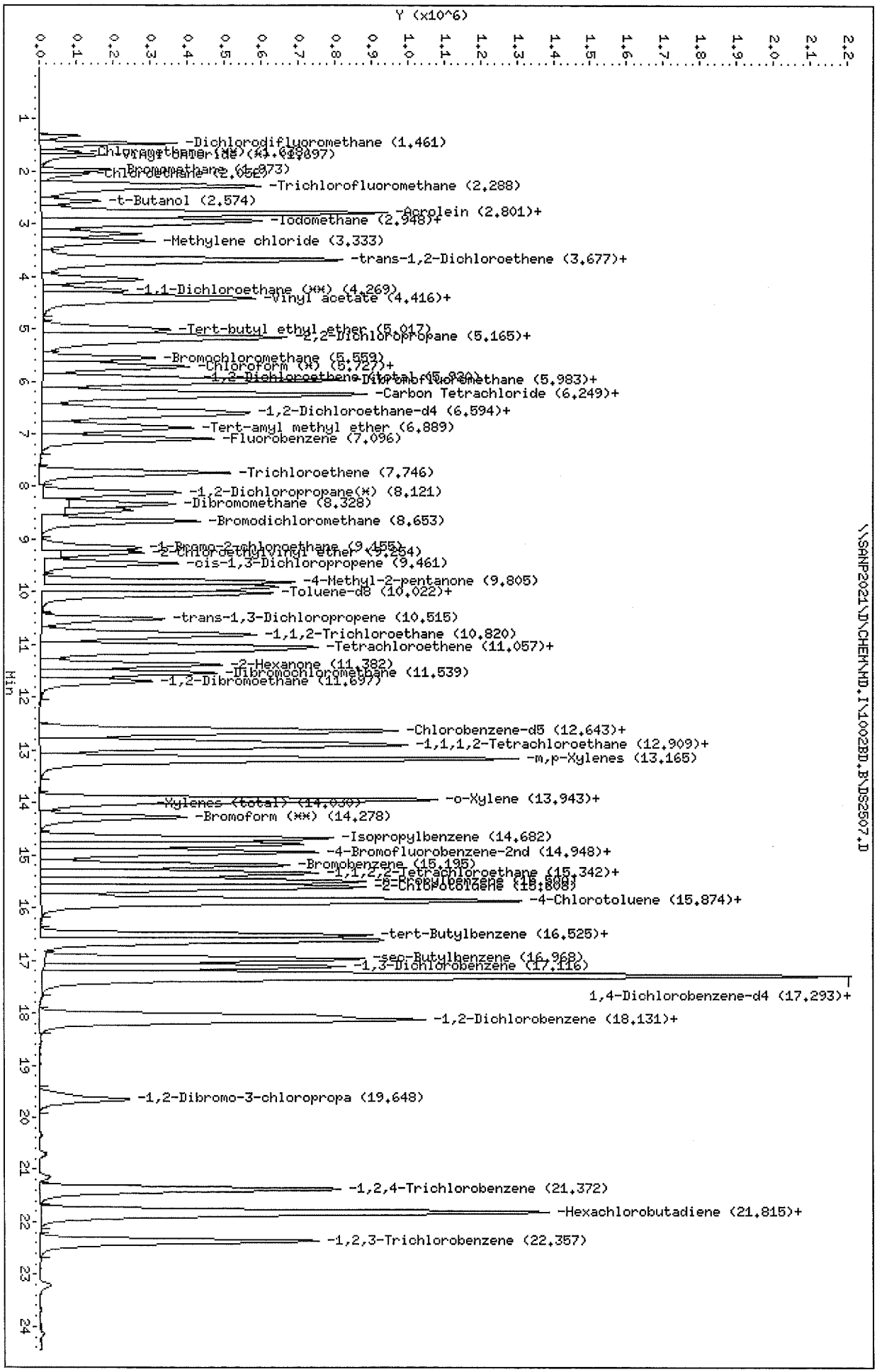
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.953	13.953	(1.106)	1084214	50.0000	52.70
M	63 Xylenes (total)	100				2020577	150.000	158.3
	64 Bromoform (**)	173	14.288	14.288	(1.133)	716064	50.0000	57.03
	65 Isopropylbenzene	105	14.682	14.682	(1.164)	2097391	50.0000	54.10
	66 4-Bromofluorobenzene-2nd	174	14.958	14.958	(0.866)	765092	50.0000	48.56
$	67 4-Bromofluorobenzene	95	14.948	14.948	(0.865)	1043362	50.0000	45.79
	68 Bromobenzene	156	15.205	15.205	(0.880)	682521	50.0000	52.92
	69 1,1,2,2-Tetrachloroethane(**)	83	15.342	15.342	(0.888)	733930	50.0000	46.39
	70 1,2,3-Trichloropropane	110	15.372	15.372	(0.890)	250759	50.0000	50.16
	71 n-Propylbenzene	91	15.520	15.520	(0.898)	2237955	50.0000	50.89
	72 2-Chlorotoluene	126	15.618	15.618	(0.904)	512560	50.0000	51.31
	73 4-Chlorotoluene	126	15.855	15.855	(0.918)	536059	50.0000	51.84
	74 1,3,5-Trimethylbenzene	105	15.884	15.884	(0.920)	1802002	50.0000	52.42
	75 tert-Butylbenzene	119	16.525	16.525	(0.957)	1839738	50.0000	51.94
	76 1,2,4-Trimethylbenzene	105	16.633	16.633	(0.963)	1819925	50.0000	52.10
	77 sec-Butylbenzene	105	16.968	16.968	(0.982)	2449142	50.0000	50.56
	78 1,3-Dichlorobenzene	146	17.116	17.116	(0.991)	1175439	50.0000	53.44
*	79 1,4-Dichlorobenzene-d4	152	17.273	17.273	(1.000)	825937	50.0000	
	80 1,4-Dichlorobenzene	146	17.313	17.313	(1.002)	1253015	50.0000	53.04
	81 p-Isopropyltoluene	119	17.303	17.303	(1.002)	2056597	50.0000	53.48
	82 1,2-Dichlorobenzene	146	18.042	18.042	(1.044)	1124559	50.0000	53.47
	83 n-Butylbenzene	91	18.131	18.131	(1.050)	2001673	50.0000	52.04
	84 1,2-Dibromo-3-chloropropane	157	19.677	19.677	(1.139)	240667	50.0000	45.97
	85 1,2,4-Trichlorobenzene	180	21.372	21.372	(1.237)	1049809	50.0000	55.16
	86 Hexachlorobutadiene	225	21.796	21.796	(1.262)	898696	50.0000	61.70
	87 Napthalene	128	21.845	21.845	(1.265)	1518202	50.0000	47.01
	88 1,2,3-Trichlorobenzene	180	22.367	22.367	(1.295)	965466	50.0000	54.05

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\002BD.B\DS2507.D
Date : 02-OCT-2000 20:08
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\1002BD.B\D12651.D
Lab Smp Id: LCS-1002BD Client Smp ID: D12651
Inj Date : 02-OCT-2000 20:49
Operator : GFB Inst ID: md.i
Smp Info : LCS-1002BD,LCS,2,,0,1,0,8260BDA.M,D12651
Misc Info : 1235-2,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 20:32 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	2.795	2.781	(0.394)	343806	46.2993	46.30
$ 29 Dibromofluoromethane	111	5.987	5.983	(0.843)	957039	51.9524	51.95
$ 33 1,2-Dichloroethane-d4	65	6.529	6.525	(0.920)	654336	48.2421	48.24
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.525	(0.920)	129396	44.6906	44.69
35 Benzene	78	6.598	6.594	(0.929)	1088485	43.2283	43.23
* 38 Fluorobenzene	96	7.100	7.096	(1.000)	1359693	50.0000	
39 Trichloroethene	130	7.731	7.746	(1.089)	621967	49.2951	49.30
$ 47 Toluene-d8	98	9.918	9.924	(0.787)	1259961	49.1019	49.10
48 Toluene (*)	91	10.036	10.042	(0.796)	1348868	49.6168	49.62
* 56 Chlorobenzene-d5	117	12.608	12.613	(1.000)	1157972	50.0000	
57 Chlorobenzene (**)	112	12.667	12.663	(1.005)	1087794	51.0019	51.00
$ 67 4-Bromofluorobenzene	95	14.943	14.948	(0.865)	1065446	46.1482	46.15
66 4-Bromofluorobenzene-2nd	174	14.952	14.958	(0.866)	770826	48.2897	48.29
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.273	(1.000)	836846	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12651.D

Date : 02-OCT-2000 20:49

Client ID: D12651

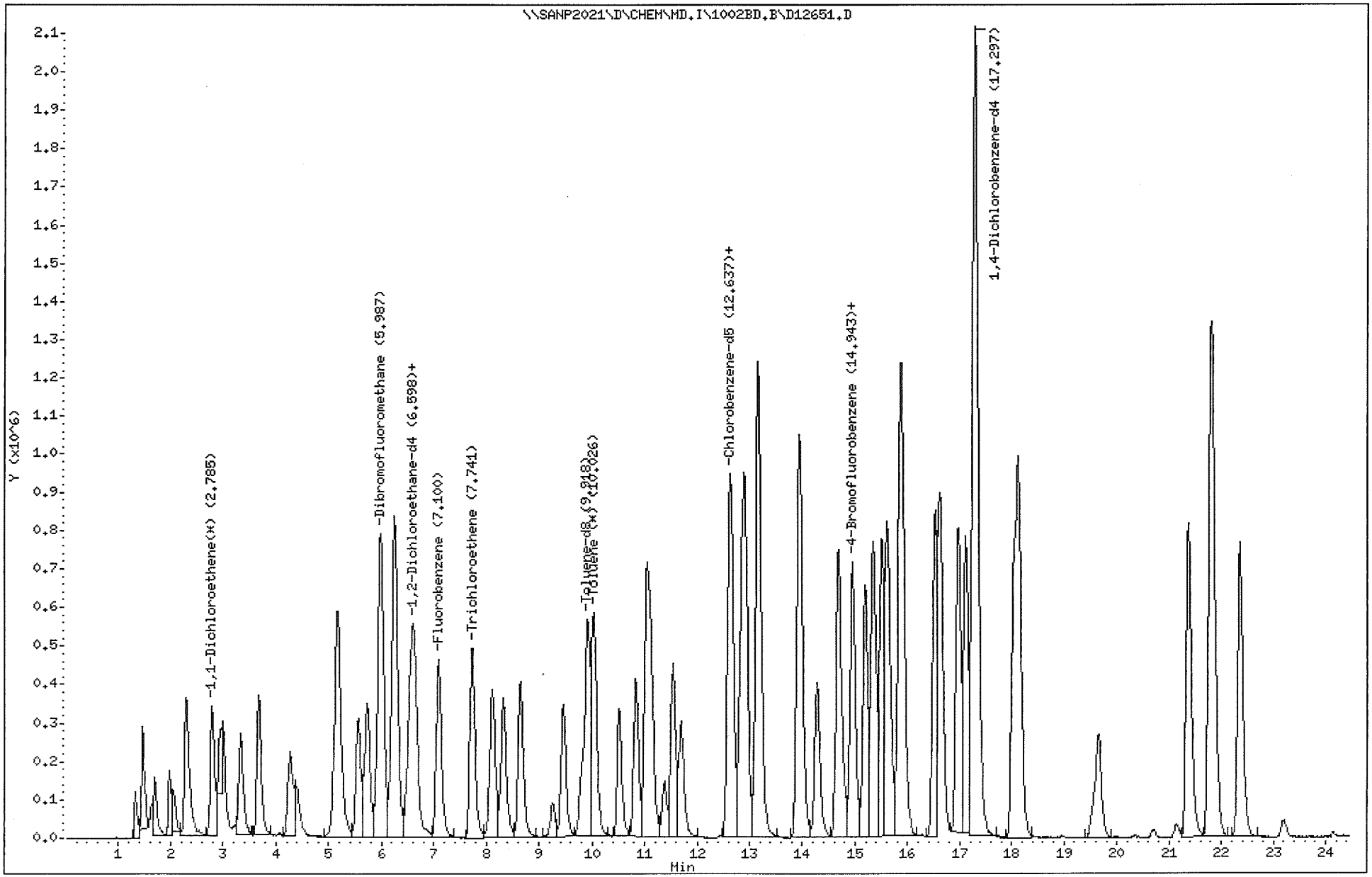
Sample Info: LCS-1002BD,LCS,2,,0,1,0,8260BDA.M,D12651

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



BOE-C6-0156433

000892

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002BD.B\D12652.D
Lab Smp Id: MB-1002BD Client Smp ID: D12652
Inj Date : 02-OCT-2000 21:21
Operator : GFB Inst ID: md.i
Smp Info : MB-1002BD,BLANK,2,,0,1,0,8260BDA.M,D12652
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.983	(0.844)	869194	48.2209	48.22	
$ 33 1,2-Dichloroethane-d4	65	6.519	6.525	(0.921)	609037	45.8893	45.89	
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.525	(0.921)	112768	39.8037	39.80	
* 38 Fluorobenzene	96	7.081	7.096	(1.000)	1330447	50.0000		
$ 47 Toluene-d8	98	9.918	9.924	(0.787)	1196876	46.1919	46.19	
* 56 Chlorobenzene-d5	117	12.598	12.613	(1.000)	1169293	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.953	14.958	(0.866)	724769	46.4573	46.46	
$ 67 4-Bromofluorobenzene	95	14.953	14.948	(0.866)	995748	44.1295	44.13	
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.273	(1.000)	817880	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\1002BD.B\D12652.D
Lab Smp Id: MB-1002BD Client Smp ID: D12652
Inj Date : 02-OCT-2000 21:21
Operator : GFB Inst ID: md.i
Smp Info : MB-1002BD,BLANK,2,,0,1,0,8260BDA.M,D12652
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.081	3127879	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	542988	8.67980909	8.68	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1002BD
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12652
Sample Date:
Sample Point:
Date Received:
Level: LOW

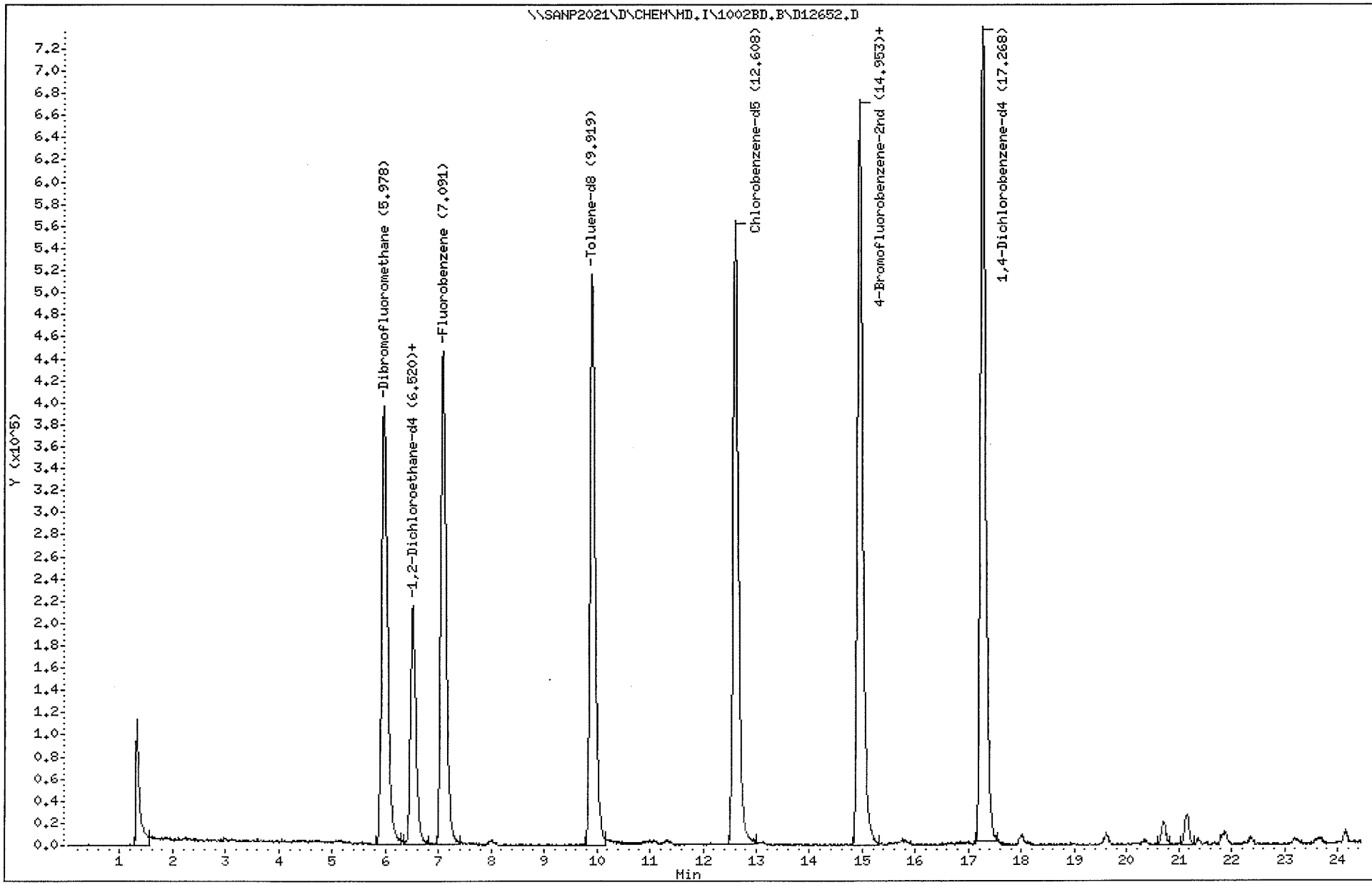
Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.318	8.68	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12652.D
Date : 02-OCT-2000 21:21
Client ID: D12652
Sample Info: MB-1002BD,BLANK,2,,0,1,0,8260BDA.M,D12652

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



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BOE-C6-0156437

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12652.D

Date : 02-OCT-2000 21:21

Client ID: D12652

Instrument: md.i

Sample Info: MB-1002BD,BLANK,2,,0,1,0,8260BDA.M,D12652

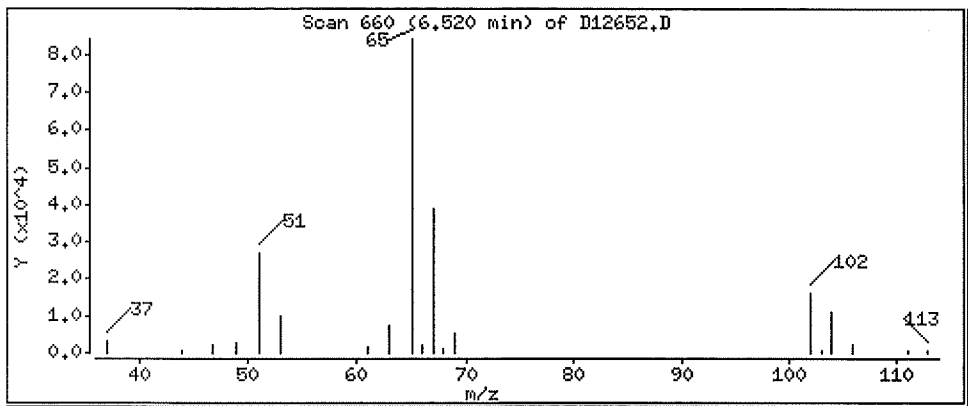
Operator: GFB

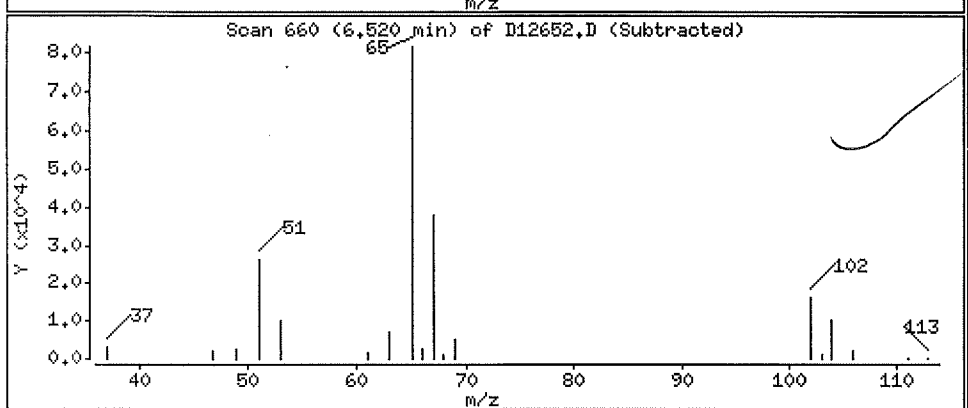
Column phase: J&W DB-624

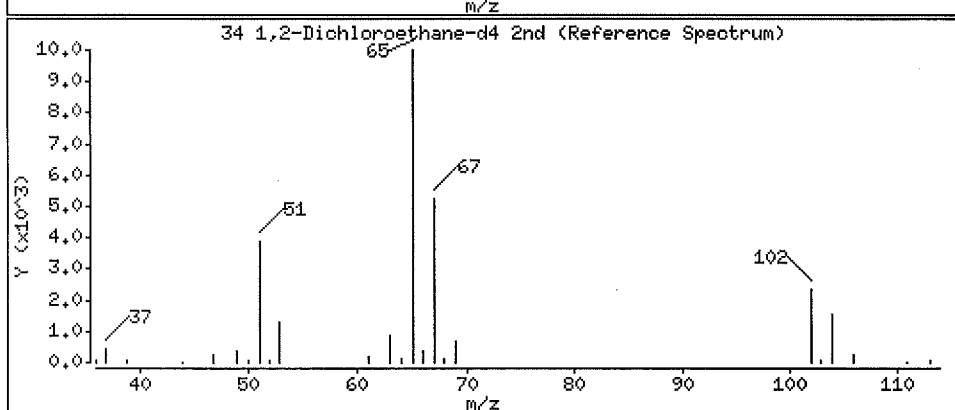
Column diameter: 0.53

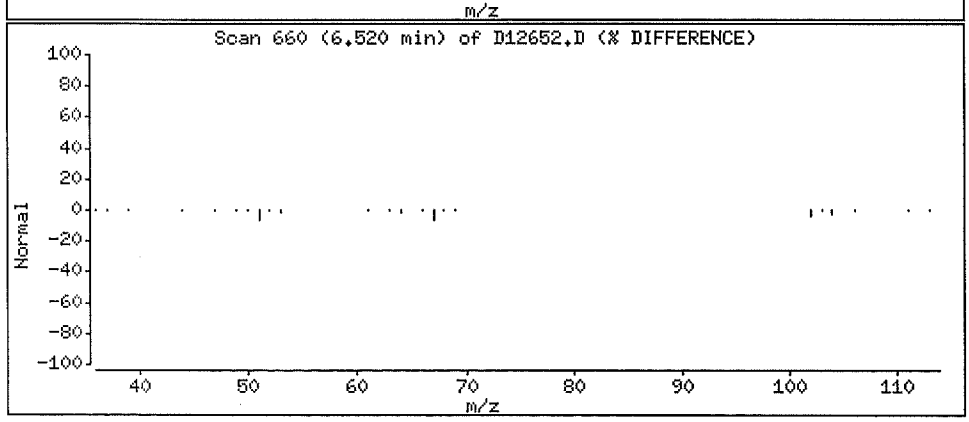
34 1,2-Dichloroethane-d4 2nd

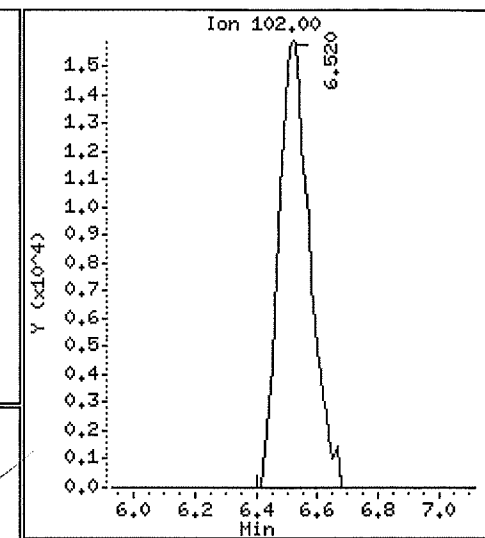
Concentration: 39.80 ug/Kg

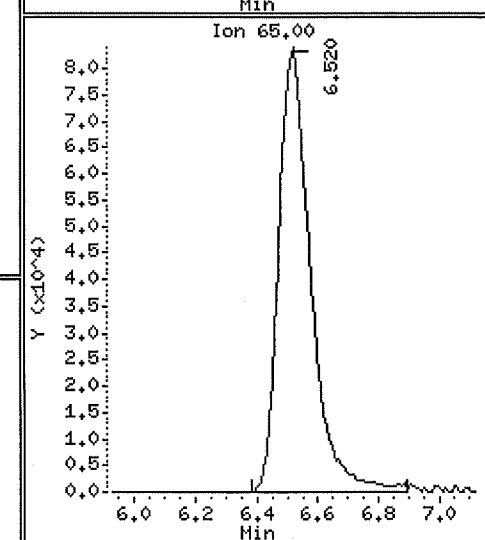












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12652.D

Date : 02-OCT-2000 21:21

Client ID: D12652

Instrument: md.i

Sample Info: MB-1002BD,BLANK,2,,0,1,0,8260BDA.M,D12652

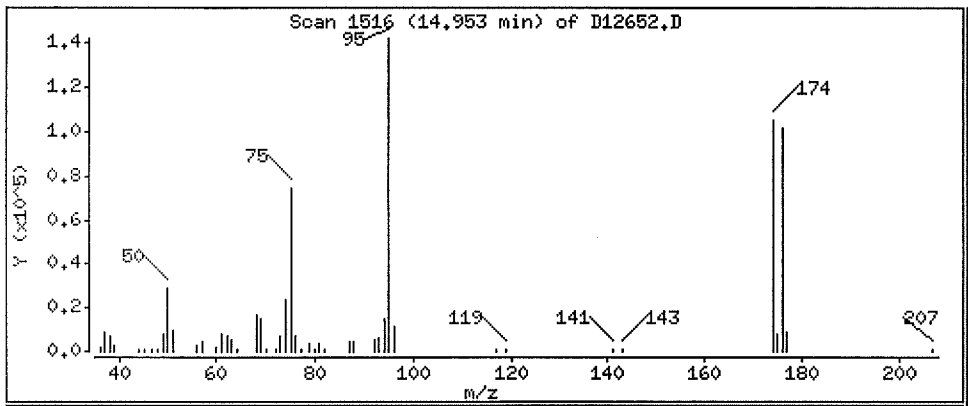
Operator: GFB

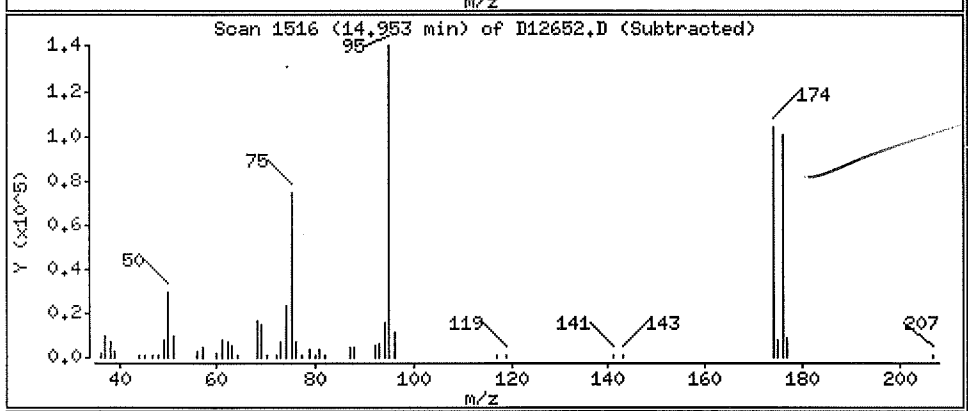
Column phase: J&W DB-624

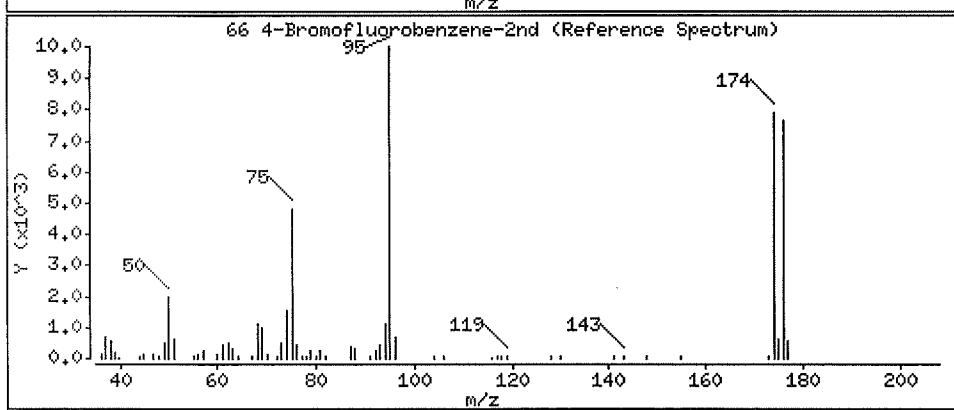
Column diameter: 0.53

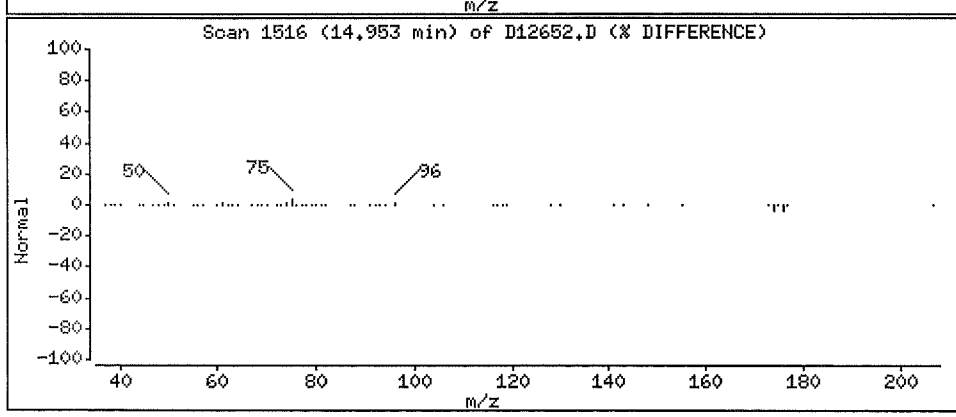
66 4-Bromofluorobenzene-2nd

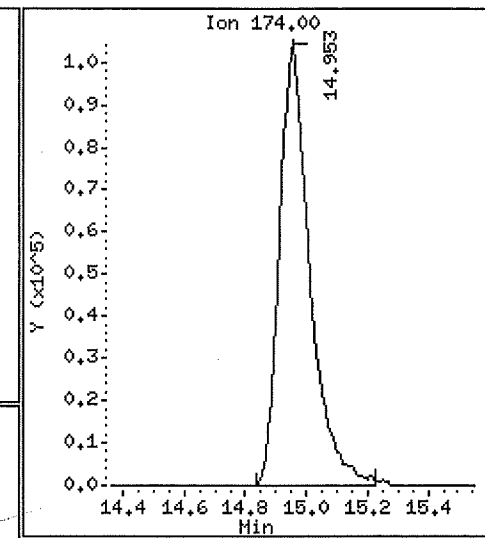
Concentration: 46.46 ug/Kg

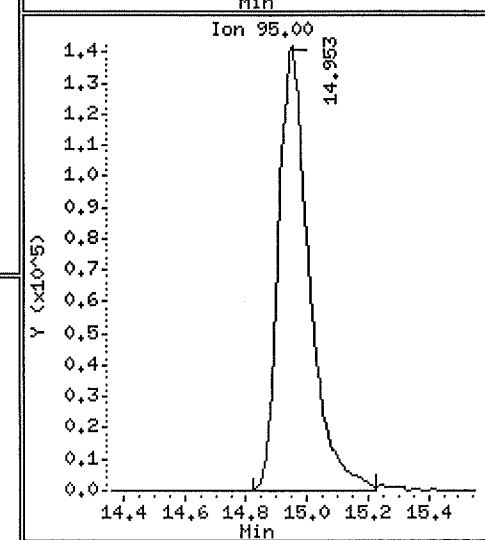


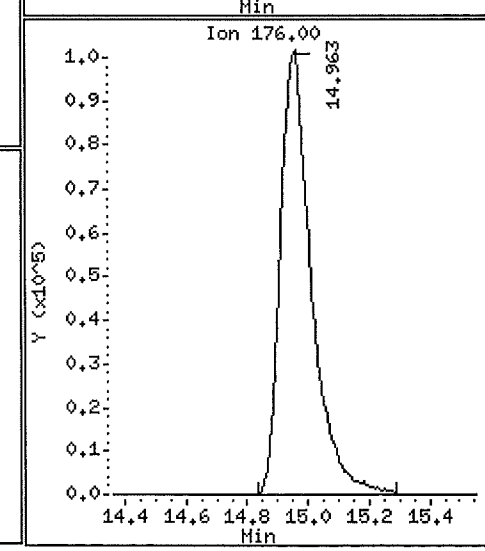












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12652.D

Date : 02-OCT-2000 21:21

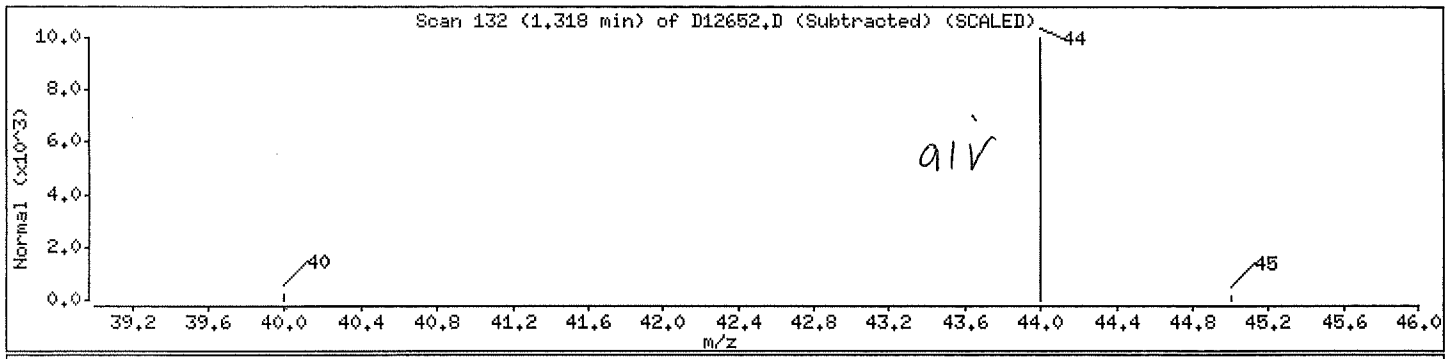
Client ID: D12652 Instrument: md.i

Sample Info: MB-1002BD,BLANK,2,,0,1,0,8260BDA.M,D12652

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\1002BD.B\D12663.D
Lab Smp Id: DL3H8102 Client Smp ID: D12663
Inj Date : 03-OCT-2000 03:19
Operator : GFB Inst ID: md.i
Smp Info : DL3H8102,MS,2,,0,1,0,8260BDA.M,D12663
Misc Info : E0I260285-32S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\chem\md.i\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 14 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.794	2.781	(0.394)	313738	46.0607	46.06
$ 29 Dibromofluoromethane	111	5.986	5.983	(0.843)	894977	52.9652	52.96
$ 33 1,2-Dichloroethane-d4	65	6.518	6.525	(0.918)	594202	47.7598	47.76
34 1,2-Dichloroethane-d4 2nd	102	6.538	6.525	(0.921)	112135	42.2221	42.22
35 Benzene	78	6.607	6.594	(0.931)	936722	40.5564	40.56
* 38 Fluorobenzene	96	7.100	7.096	(1.000)	1247204	50.0000	
39 Trichloroethene	130	7.740	7.746	(1.090)	552994	47.7816	47.78
$ 47 Toluene-d8	98	9.917	9.924	(0.786)	1154927	48.7441	48.74
48 Toluene (*)	91	10.046	10.042	(0.796)	1184784	47.1981	47.20
* 56 Chlorobenzene-d5	117	12.617	12.613	(1.000)	1069233	50.0000	
57 Chlorobenzene (**)	112	12.676	12.663	(1.005)	957515	48.6196	48.62
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	983043	45.6260	45.62
66 4-Bromofluorobenzene-2nd	174	14.952	14.958	(0.866)	715670	48.0427	48.04
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.273	(1.000)	780960	50.0000	

Data File: \\SANP2021\D\chem\md.i\1002BD.B\D12663.D

Date : 03-OCT-2000 03:19

Client ID: D12663

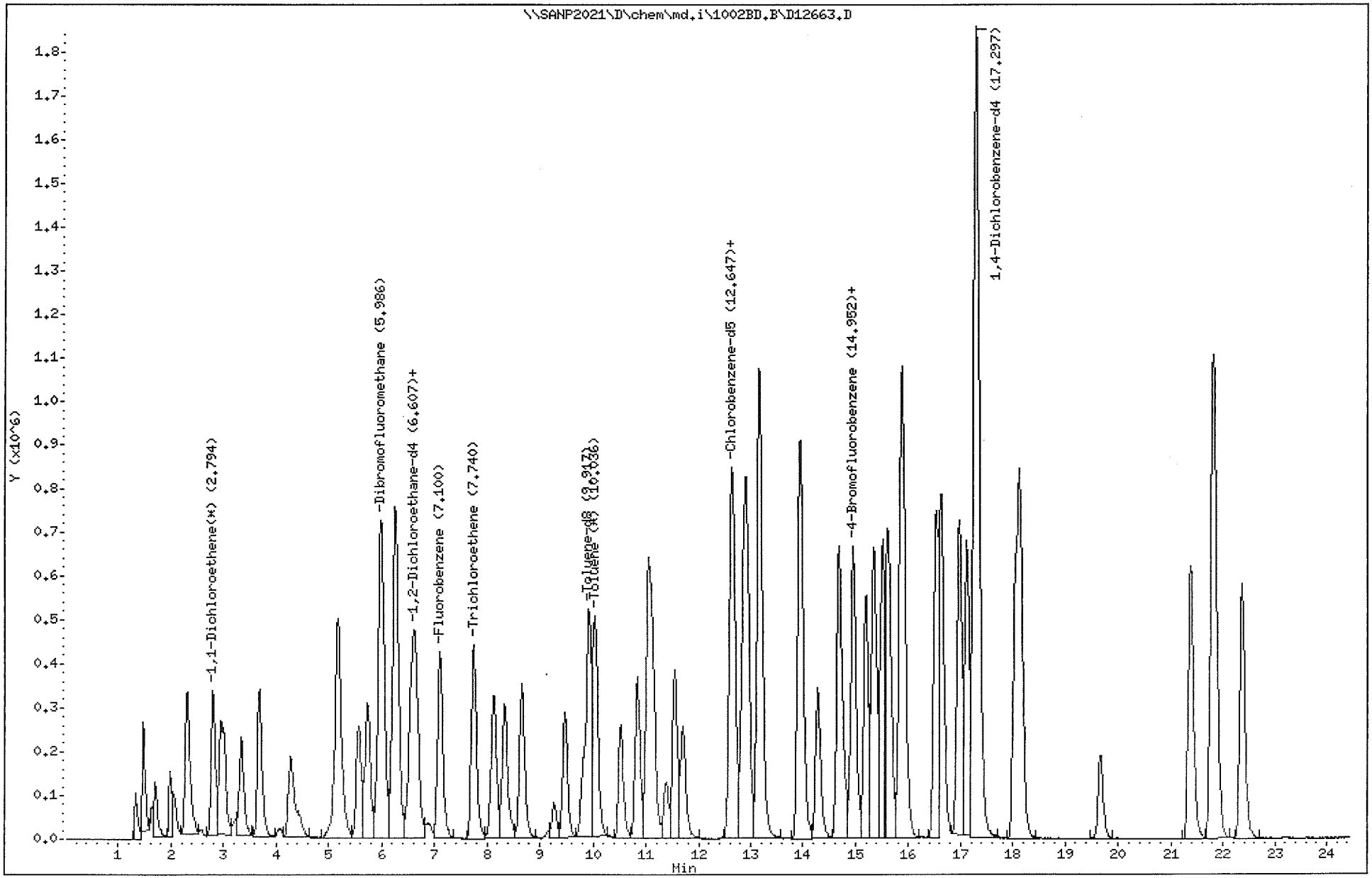
Sample Info: DL3H8102,MS,2,,0,1,0,8260BDA.M,D12663

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000901

BOE-C6-0156442

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002BD.B\D12664.D
Lab Smp Id: DL3H8103 Client Smp ID: D12664
Inj Date : 03-OCT-2000 03:51
Operator : GFB Inst ID: md.i
Smp Info : DL3H8103,MSD,2,,0,1,0,8260BDA.M,D12664
Misc Info : 285-32D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 15 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	2.781	(0.393)	316858	45.9865	45.99
$ 29 Dibromofluoromethane	111	5.986	5.983	(0.842)	843123	49.3255	49.32
$ 33 1,2-Dichloroethane-d4	65	6.528	6.525	(0.918)	599887	47.6650	47.66
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.525	(0.918)	114085	42.4648	42.46
35 Benzene	78	6.597	6.594	(0.928)	954666	40.8603	40.86
* 38 Fluorobenzene	96	7.110	7.096	(1.000)	1261640	50.0000	
39 Trichloroethene	130	7.740	7.746	(1.089)	546171	46.6521	46.65
$ 47 Toluene-d8	98	9.927	9.924	(0.787)	1174278	49.3223	49.32
48 Toluene (*)	91	10.046	10.042	(0.797)	1183483	46.9193	46.92
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1074404	50.0000	
57 Chlorobenzene (**)	112	12.666	12.663	(1.005)	944685	47.7372	47.74
$ 67 4-Bromofluorobenzene	95	14.942	14.948	(0.865)	979235	44.9341	44.93
66 4-Bromofluorobenzene-2nd	174	14.942	14.958	(0.865)	702039	46.5935	46.59
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.273	(1.000)	789914	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12664.D

Date : 03-OCT-2000 03:51

Client ID: D12664

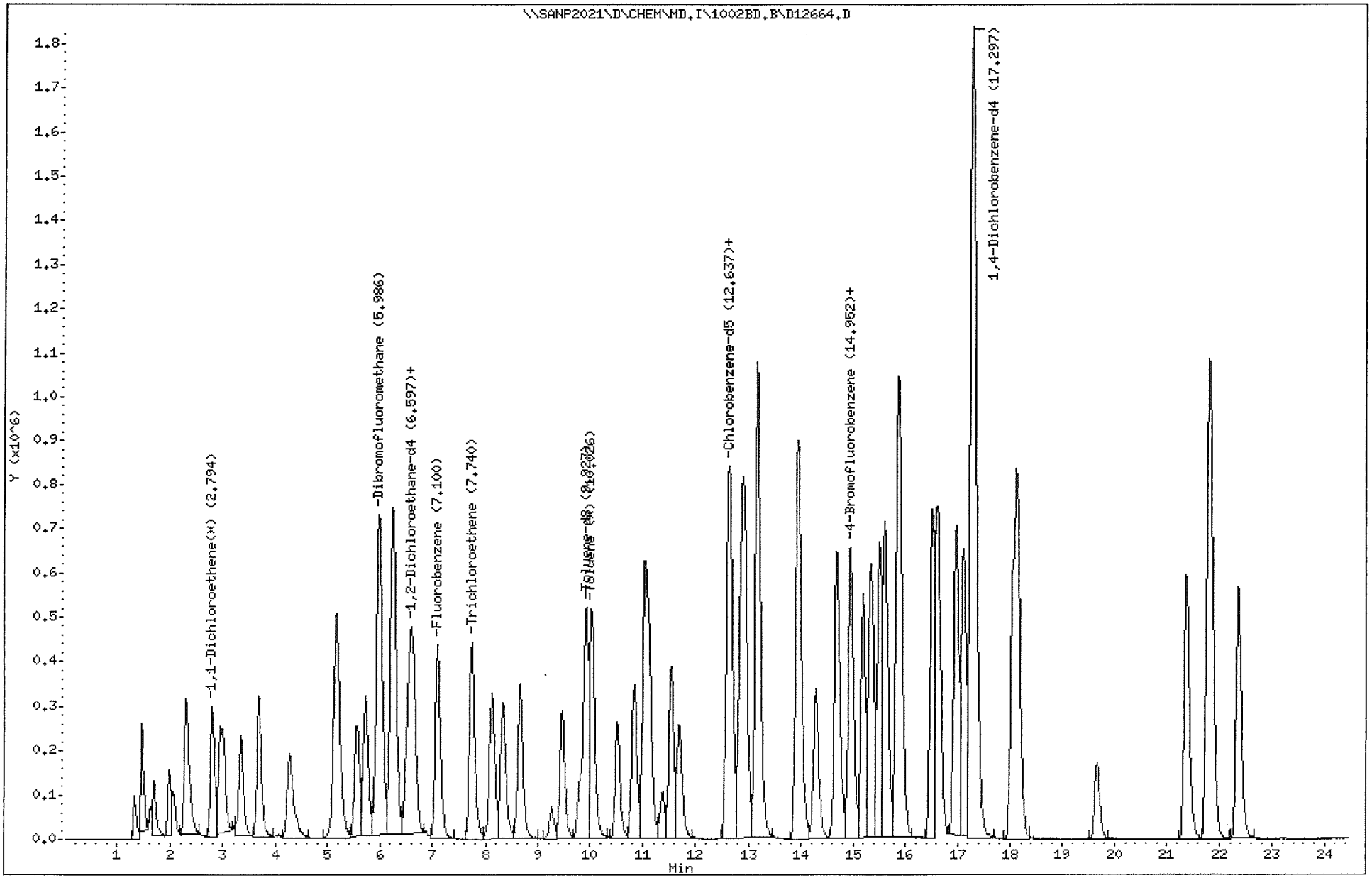
Sample Info: DL3H8103,MSD,2,,0,1,0,8260BDA.M,D12664

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000903

BOE-C6-0156444

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1002BD.B\D12653.D
Lab Smp Id: DL3H8101 Client Smp ID: D12653
Inj Date : 02-OCT-2000 22:02
Operator : GFB Inst ID: md.i
Smp Info : DL3H8101,,2,,0,1,0,8260BDA.M,D12653
Misc Info : E0I260285-32,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.987	5.983	(0.843)	853086	47.7448	47.74	
$ 33 1,2-Dichloroethane-d4	65	6.519	6.525	(0.918)	615292	46.7696	46.77	
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.525	(0.918)	117159	41.7185	41.72	
* 38 Fluorobenzene	96	7.101	7.096	(1.000)	1318814	50.0000		
$ 47 Toluene-d8	98	9.928	9.924	(0.786)	1212431	47.8678	47.87	
* 56 Chlorobenzene-d5	117	12.628	12.613	(1.000)	1143019	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.953	14.958	(0.847)	704210	46.0259	46.02	
$ 67 4-Bromofluorobenzene	95	14.953	14.948	(0.847)	970824	43.8698	43.87	
* 79 1,4-Dichlorobenzene-d4	152	17.662	17.273	(1.000)	802128	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\1002BD.B\D12653.D
Lab Smp Id: DL3H8101 Client Smp ID: D12653
Inj Date : 02-OCT-2000 22:02
Operator : GFB Inst ID: md.i
Smp Info : DL3H8101,,2,,0,1,0,8260BDA.M,D12653
Misc Info : E0I260285-32,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	3176277	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	573191	9.02300674	9.02	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3H8101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12653
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	9.02	J

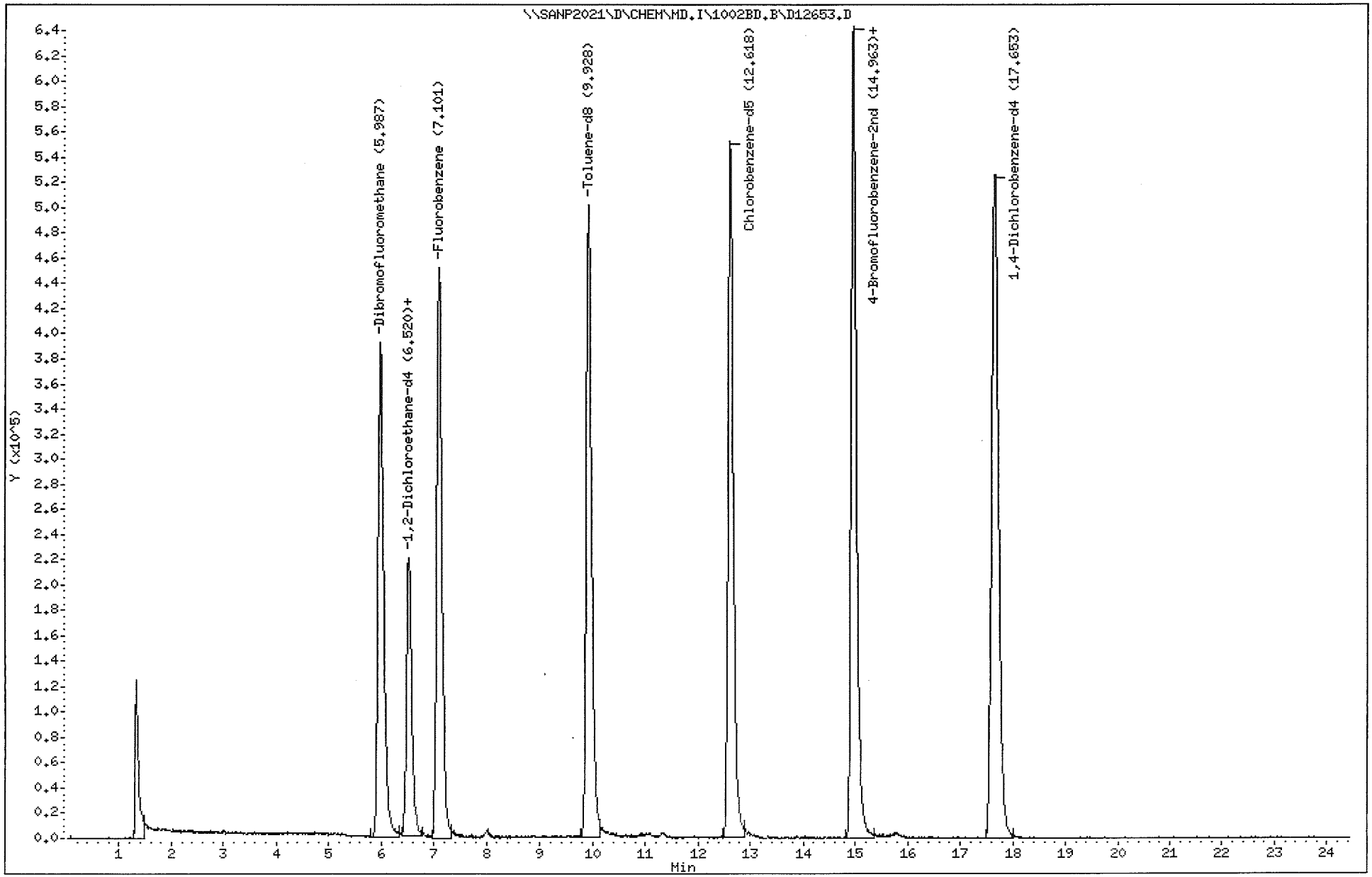
Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12653.D
Date : 02-OCT-2000 22:02
Client ID: D12653
Sample Info: DL3H8101,,2,,0,1,0,8260BDA.M,D12653

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0156448

000907

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12653.D

Date : 02-OCT-2000 22:02

Client ID: D12653

Instrument: md.i

Sample Info: DL3H8101,,2,,0,1,0,8260BDA.M,D12653

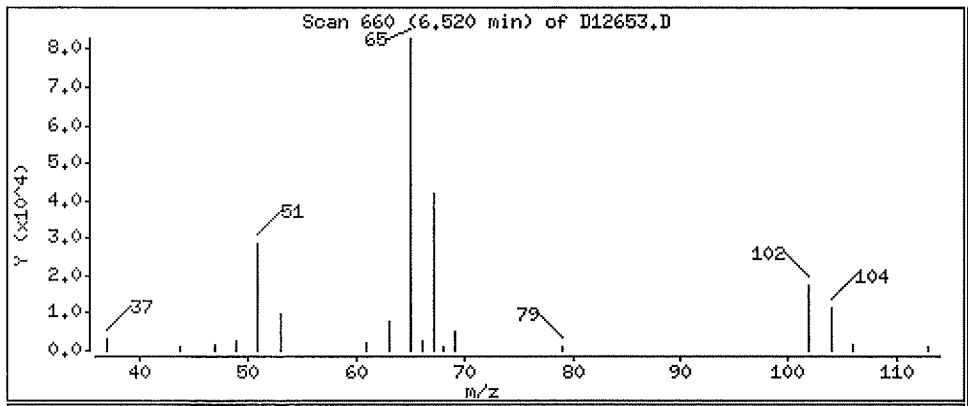
Operator: GFB

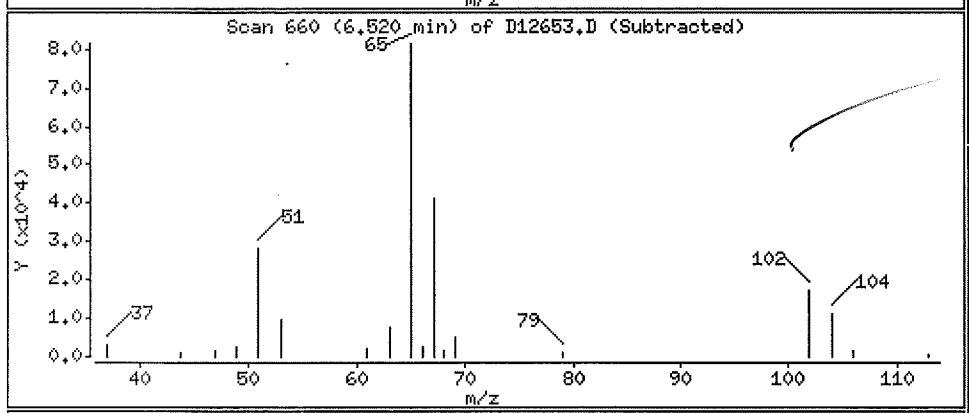
Column phase: J&W DB-624

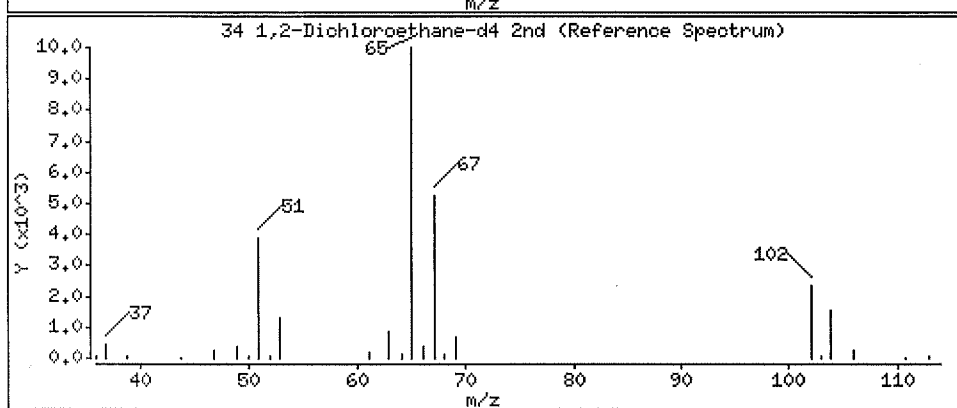
Column diameter: 0.53

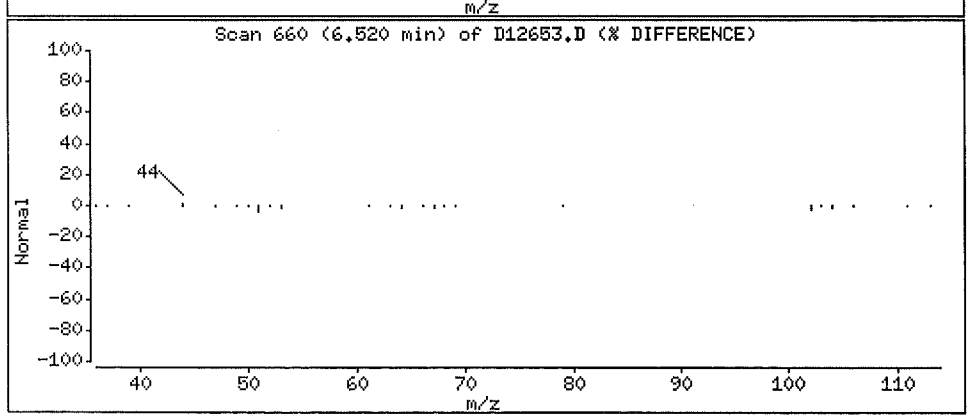
34 1,2-Dichloroethane-d4 2nd

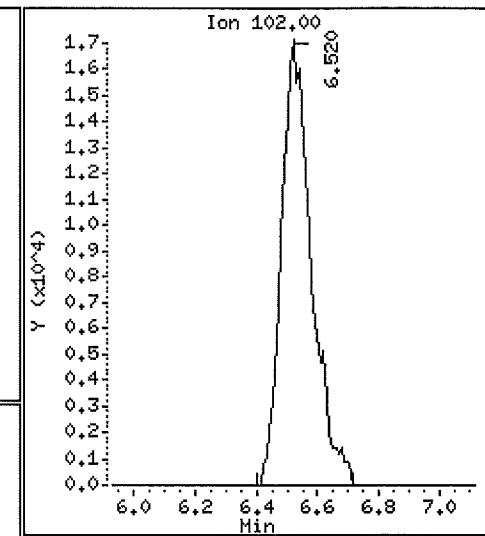
Concentration: 41.72 ug/Kg

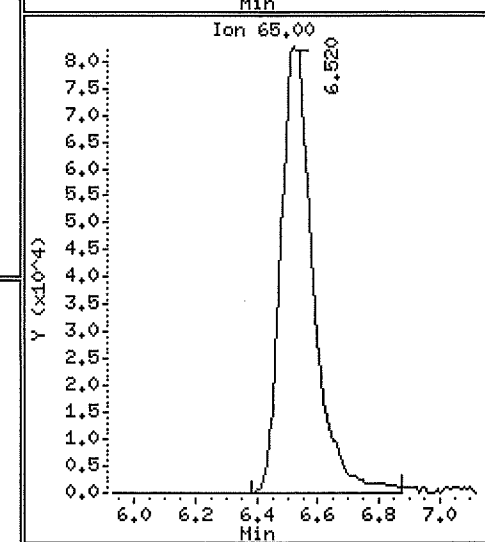












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12653.D

Date : 02-OCT-2000 22:02

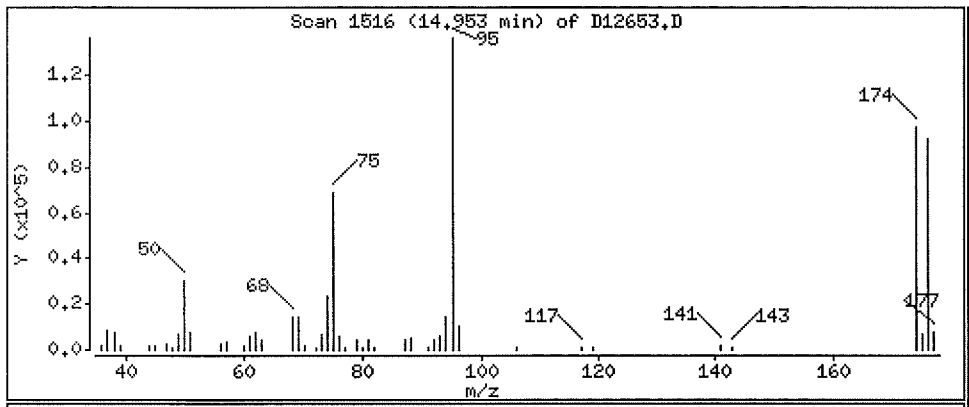
Client ID: D12653 Instrument: md.i

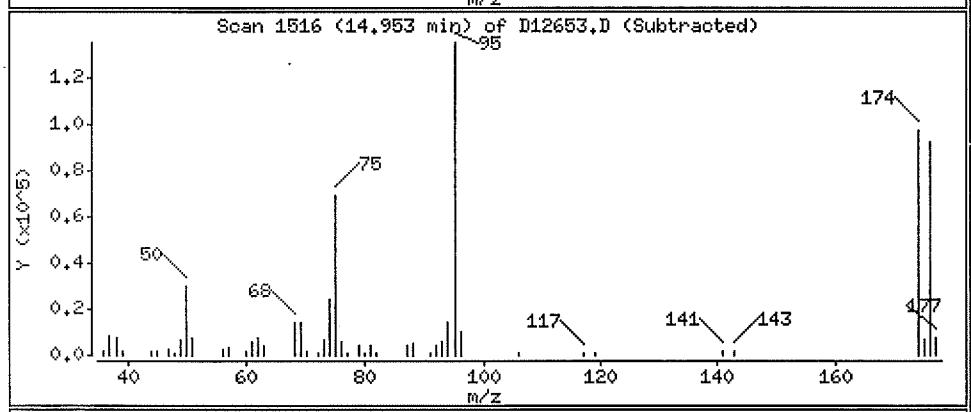
Sample Info: DL3H8101,,2,,0,1,0,8260BDA.M,D12653

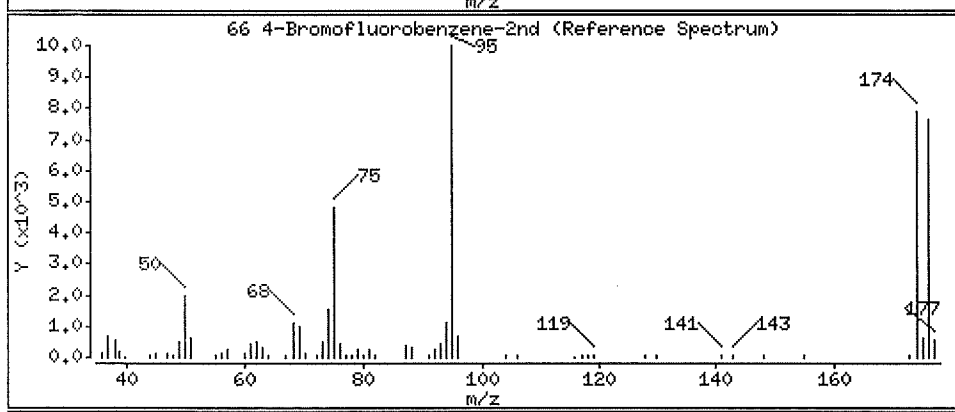
Operator: GFB

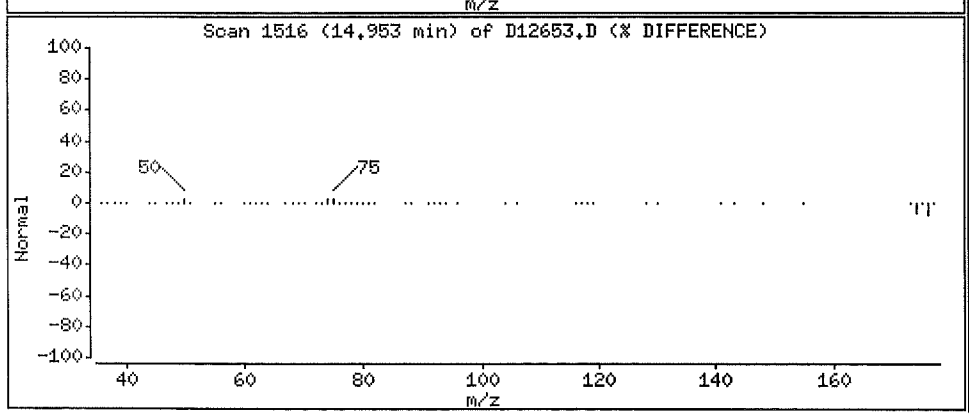
Column phase: J&W DB-624 Column diameter: 0.53

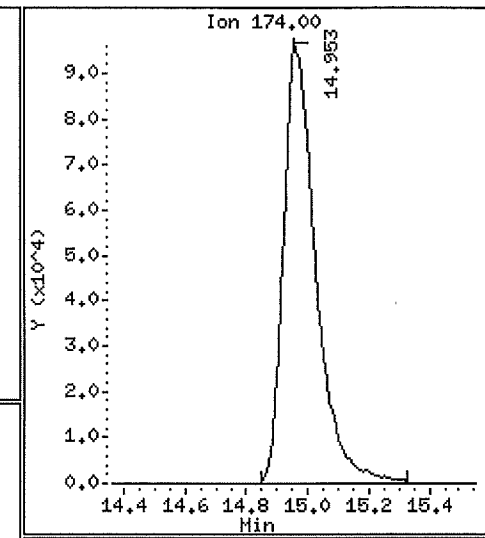
66 4-Bromofluorobenzene-2nd Concentration: 46.02 ug/Kg

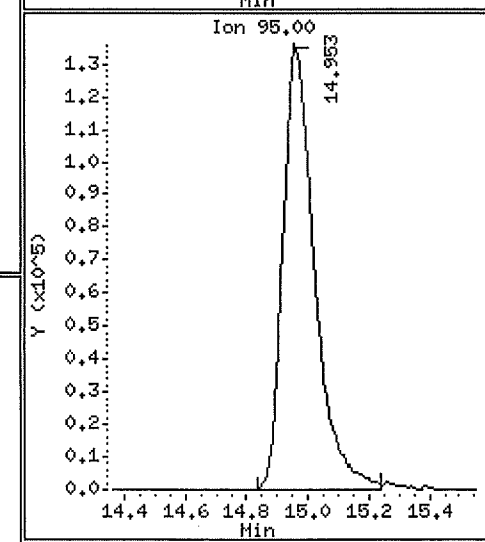


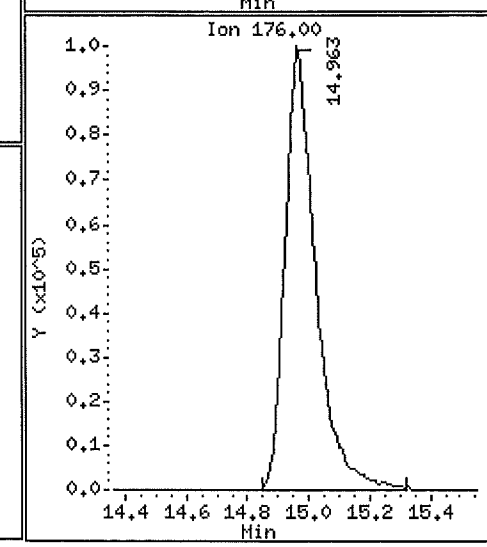












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12653.D

Date : 02-OCT-2000 22:02

Client ID: D12653

Instrument: md.i

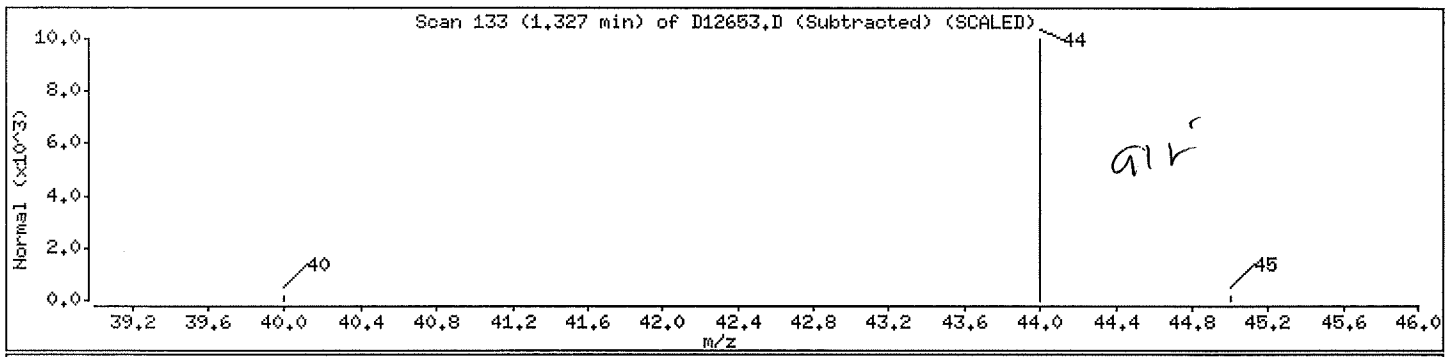
Sample Info: DL3H8101,,2,,0,1,0,8260BDA.M,D12653

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\1002BD.B\D12654.D
Lab Smp Id: DL3H9101 Client Smp ID: D12654
Inj Date : 02-OCT-2000 22:34
Operator : GFB Inst ID: md.i
Smp Info : DL3H9101,,2,,0,1,0,8260BDA.M,D12654
Misc Info : E0I260285-33,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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)
$ 29 Dibromofluoromethane	111	5.973	5.983	(0.842)	822300	48.8122	48.81
$ 33 1,2-Dichloroethane-d4	65	6.525	6.525	(0.919)	568069	45.7982	45.80
34 1,2-Dichloroethane-d4 2nd	102	6.515	6.525	(0.918)	102770	38.8136	38.81
* 38 Fluorobenzene	96	7.096	7.096	(1.000)	1243422	50.0000	
39 Trichloroethene	130	7.737	7.746	(1.090)	48355	4.19087	4.19(a)
$ 47 Toluene-d8	98	9.924	9.924	(0.787)	1110374	47.5170	47.52
* 56 Chlorobenzene-d5	117	12.613	12.613	(1.000)	1054533	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.948	14.958	(0.866)	649538	48.2931	48.29
$ 67 4-Bromofluorobenzene	95	14.948	14.948	(0.866)	879674	45.2196	45.22
* 79 1,4-Dichlorobenzene-d4	152	17.264	17.273	(1.000)	705121	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\1002BD.B\D12654.D
Lab Smp Id: DL3H9101 Client Smp ID: D12654
Inj Date : 02-OCT-2000 22:34
Operator : GFB Inst ID: md.i
Smp Info : DL3H9101,,2,,0,1,0,8260BDA.M,D12654
Misc Info : E0I260285-33,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.096	2904296	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	545235	9.38670051	9.39	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3H9101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12654
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.323	9.39	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12654.D

Date : 02-OCT-2000 22:34

Client ID: D12654

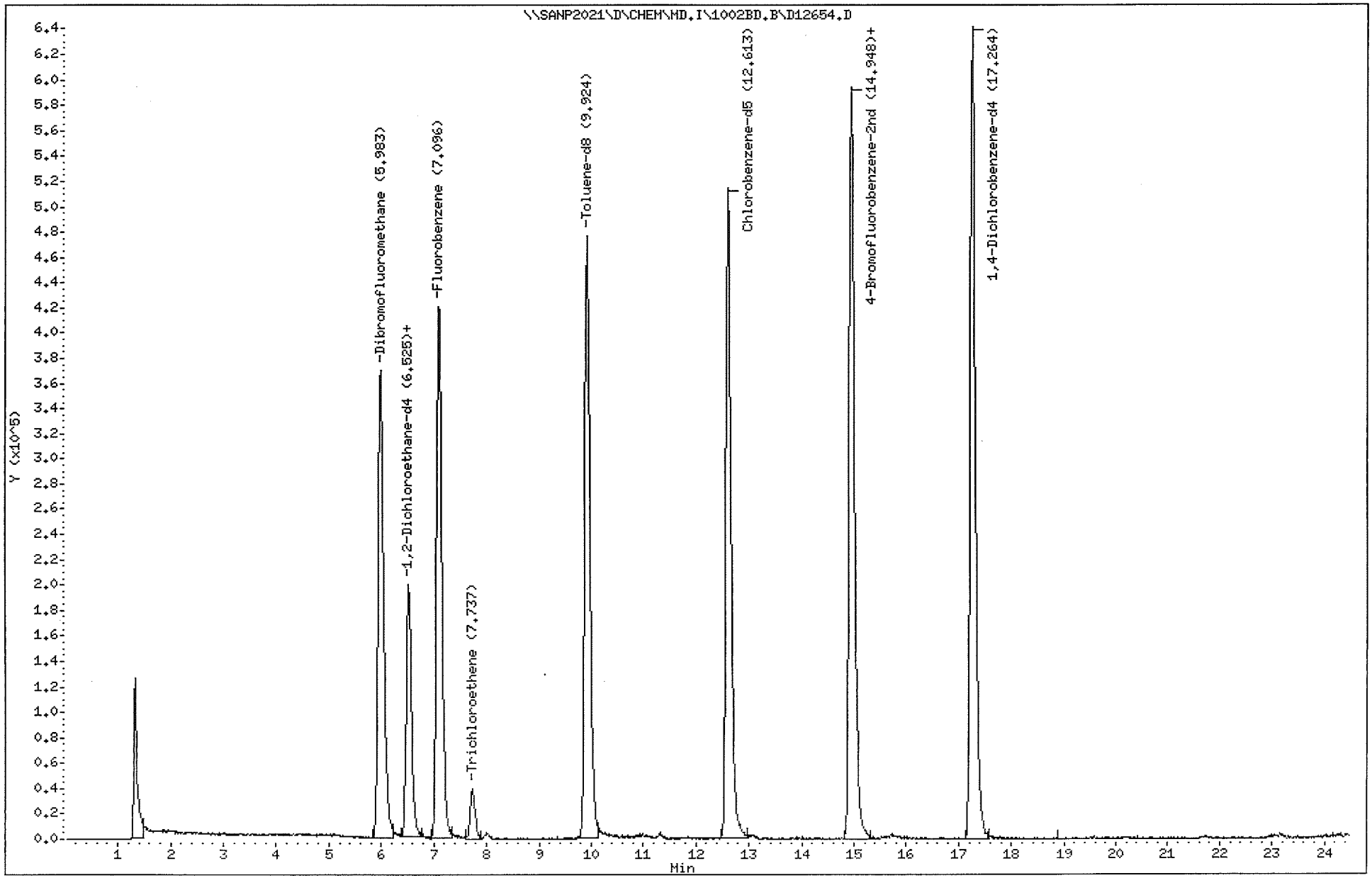
Sample Info: DL3H9101,,2,,0,1,0,8260BDA.M,D12654

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000915

BOE-C6-0156456

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12654.D

Date : 02-OCT-2000 22:34

Client ID: D12654

Instrument: md.i

Sample Info: DL3H9101,,2,,0,1,0,8260BDA.M,D12654

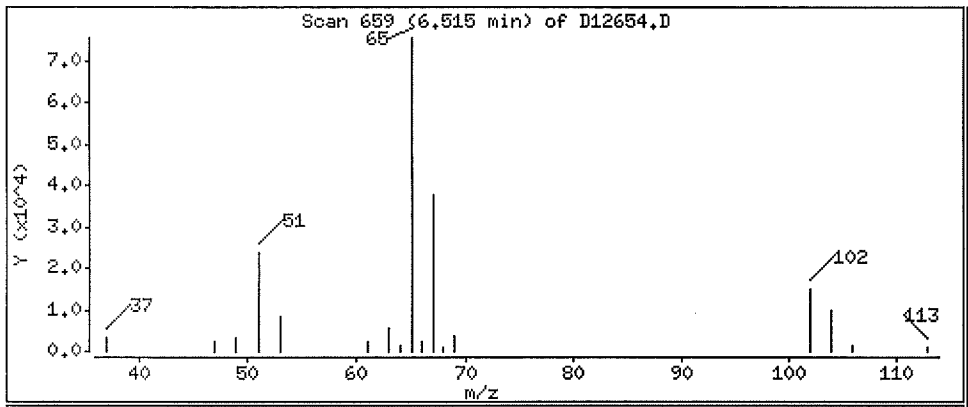
Operator: GFB

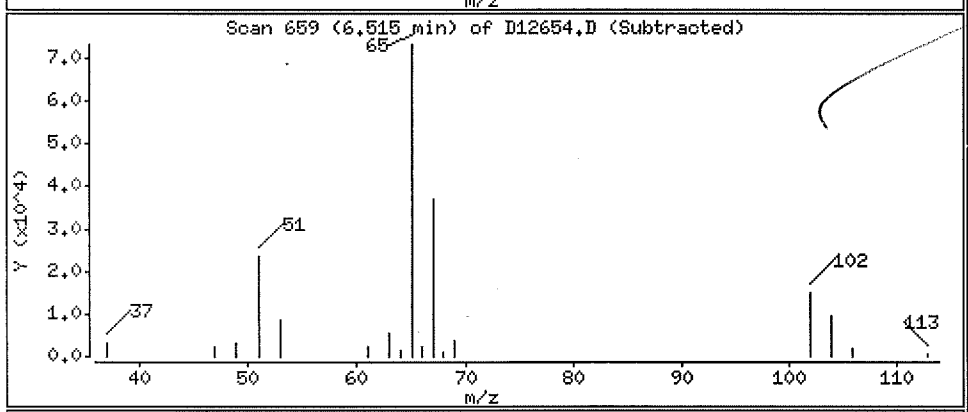
Column phase: J&W DB-624

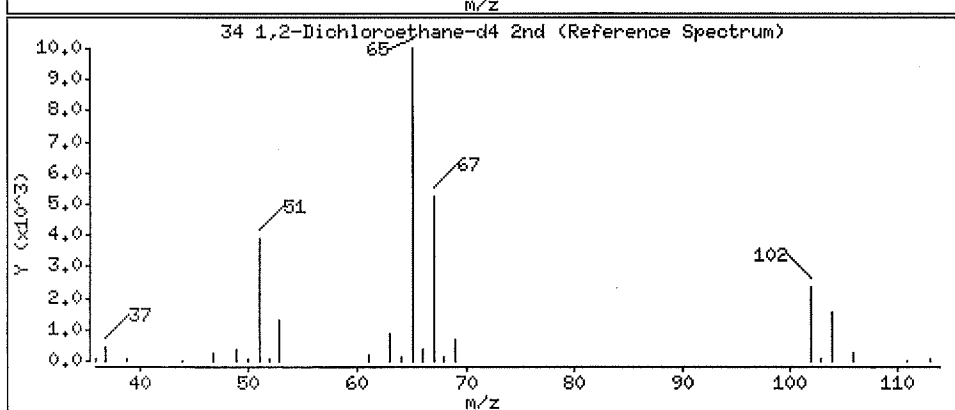
Column diameter: 0.53

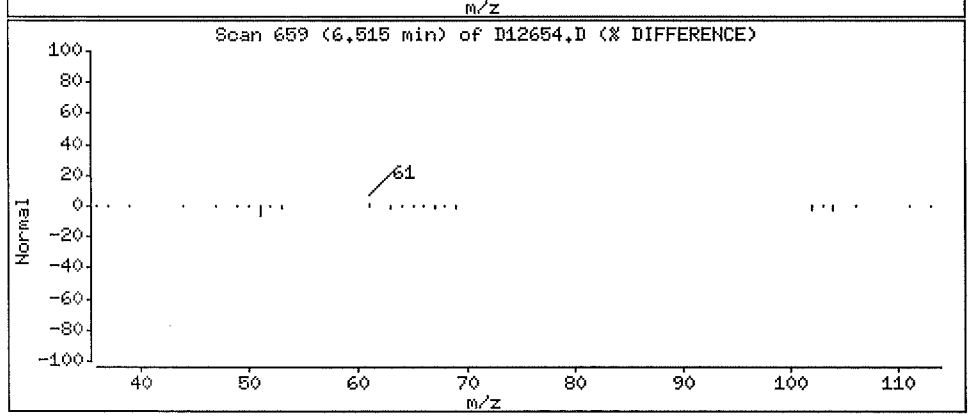
34 1,2-Dichloroethane-d4 2nd

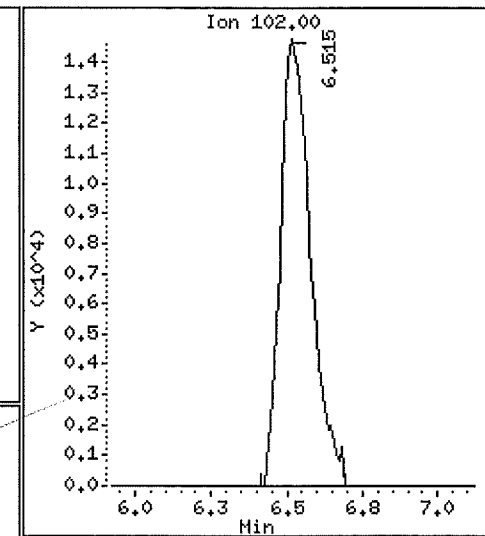
Concentration: 38.81 ug/Kg

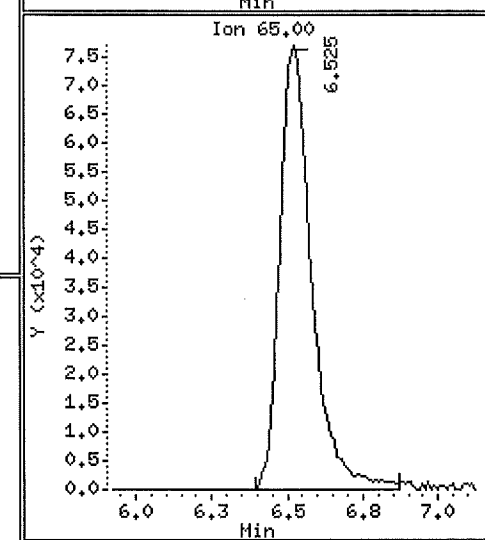












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12654.D

Date : 02-OCT-2000 22:34

Client ID: D12654

Instrument: md.i

Sample Info: DL3H9101,,2,,0,1,0,8260BDA.M,D12654

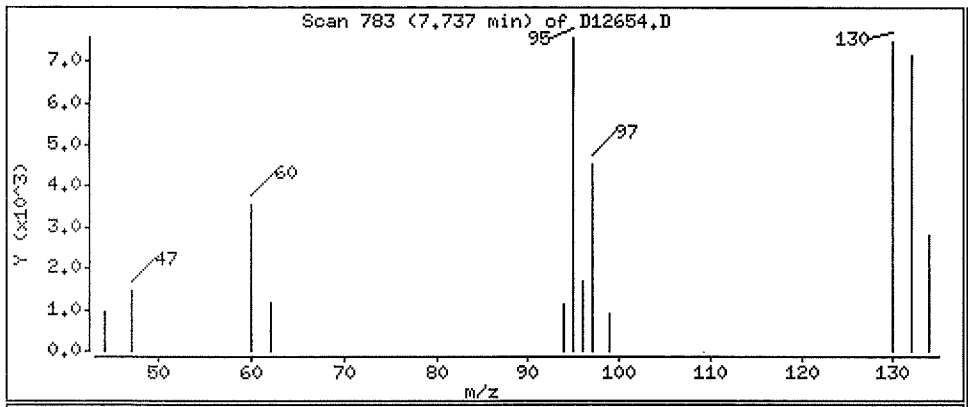
Operator: GFB

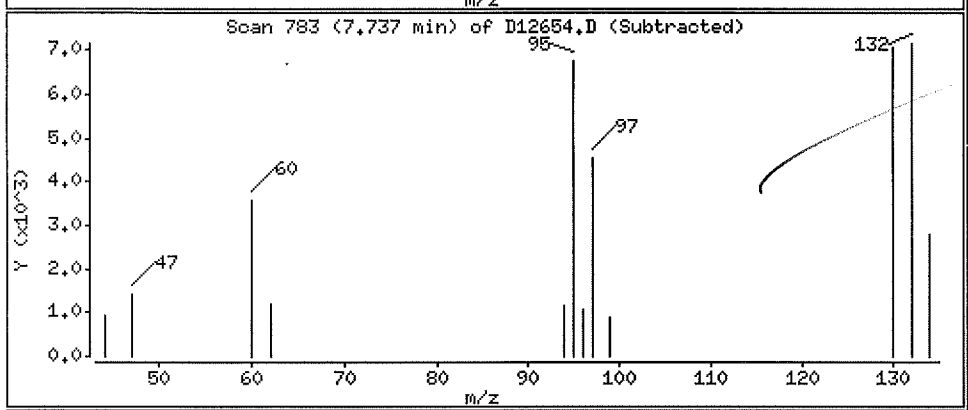
Column phase: J&W DB-624

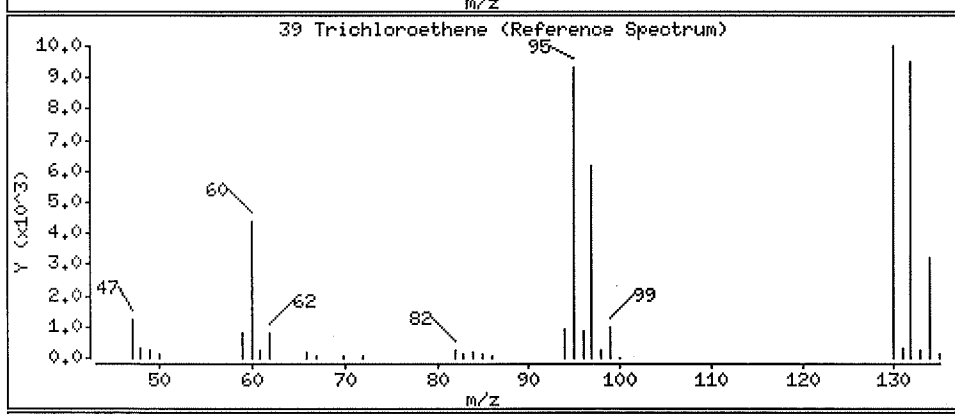
Column diameter: 0.53

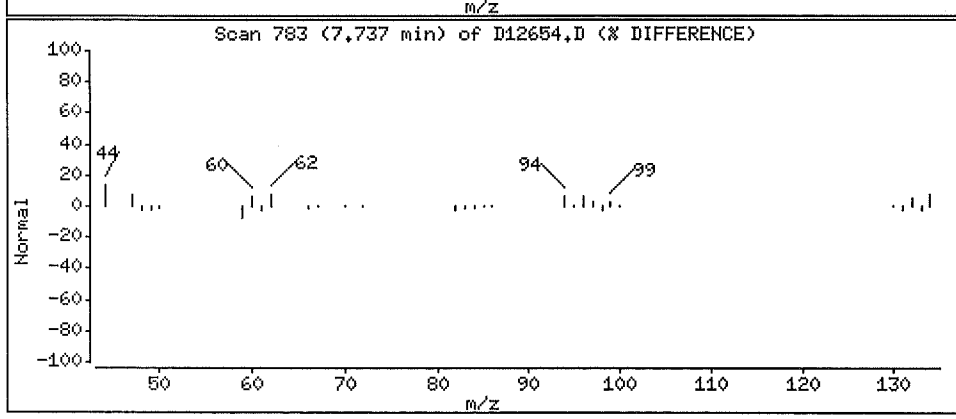
39 Trichloroethene

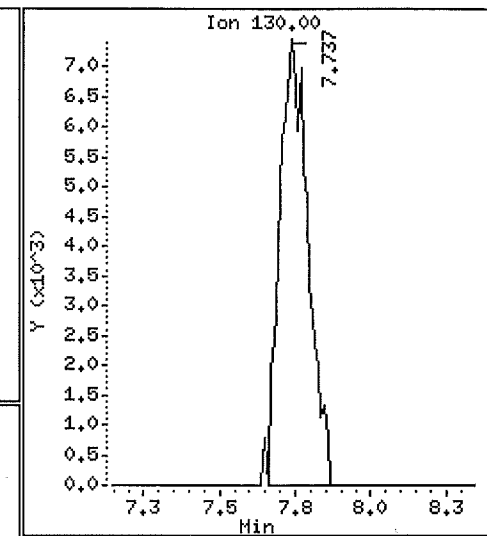
Concentration: 4.19 ug/Kg

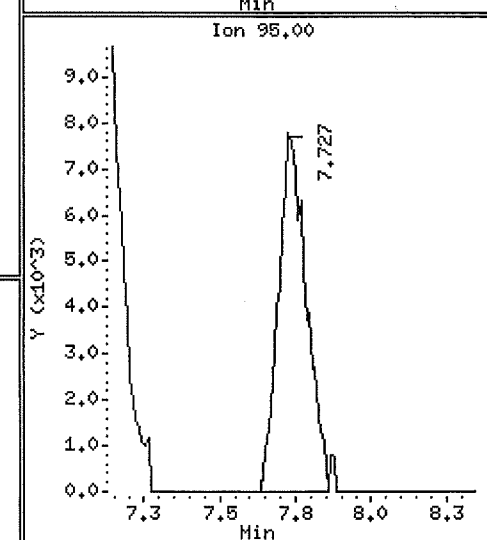


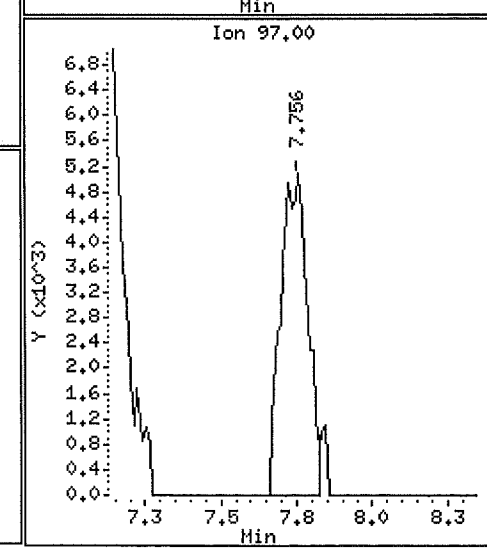












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12654.D

Date : 02-OCT-2000 22:34

Client ID: D12654

Instrument: md.i

Sample Info: DL3H9101,,2,,0,1,0,8260BDA.M,D12654

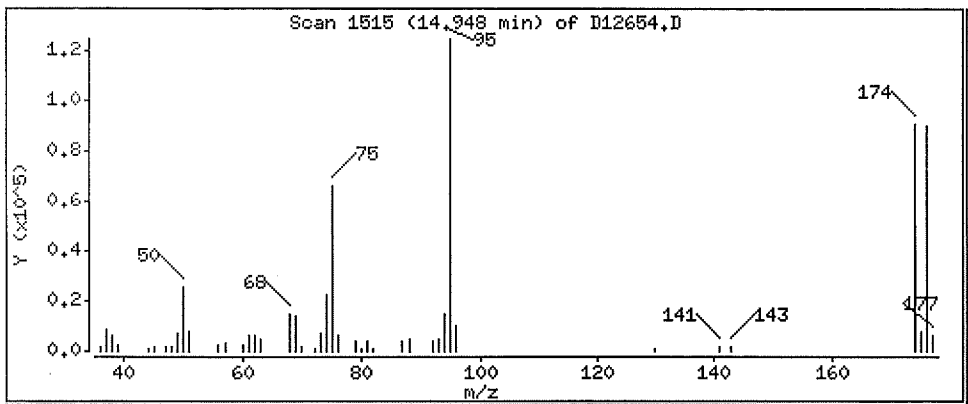
Operator: GFB

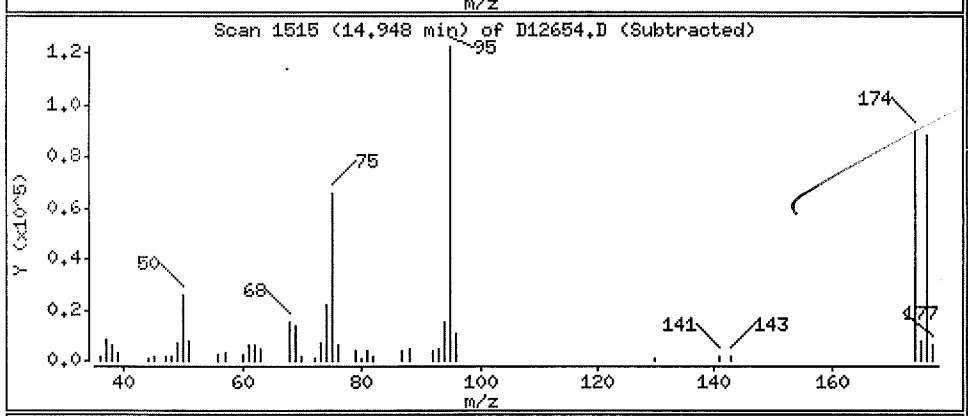
Column phase: J&W DB-624

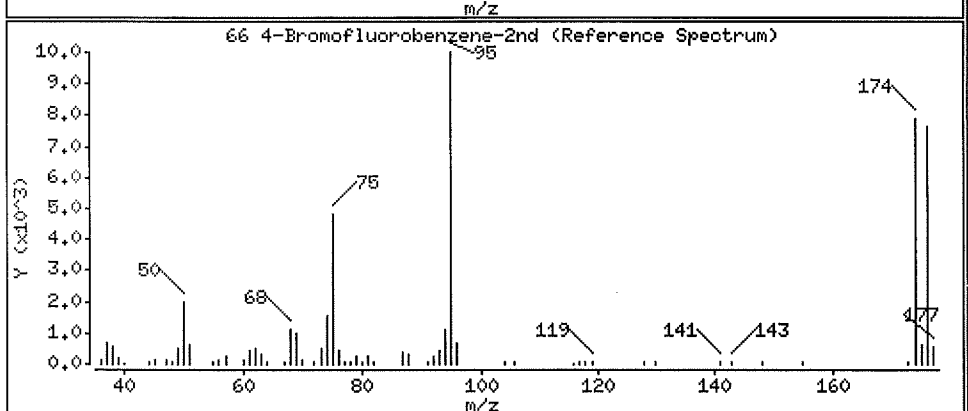
Column diameter: 0.53

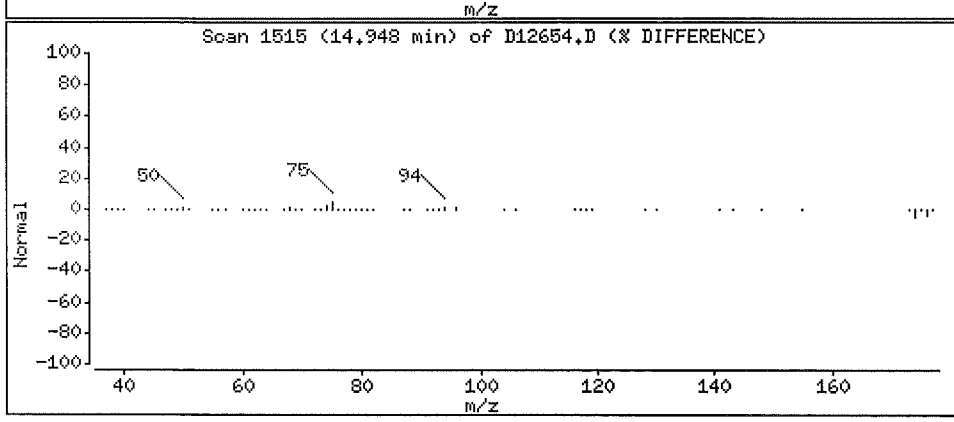
66 4-Bromofluorobenzene-2nd

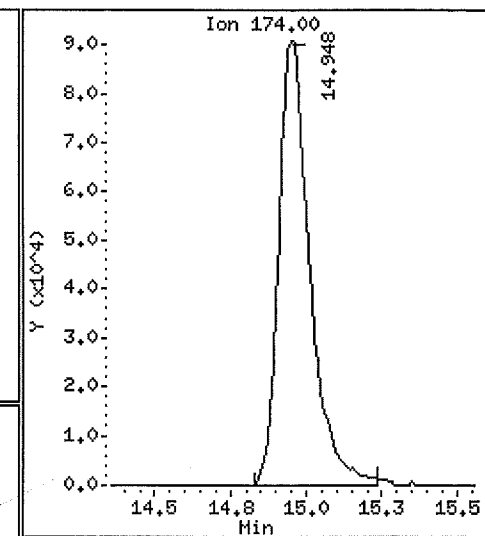
Concentration: 48.29 ug/Kg

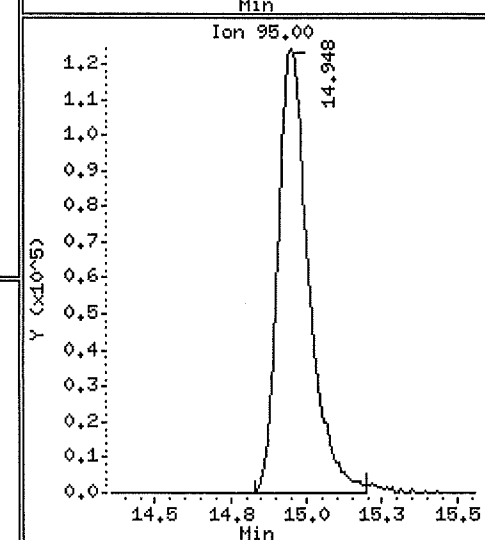


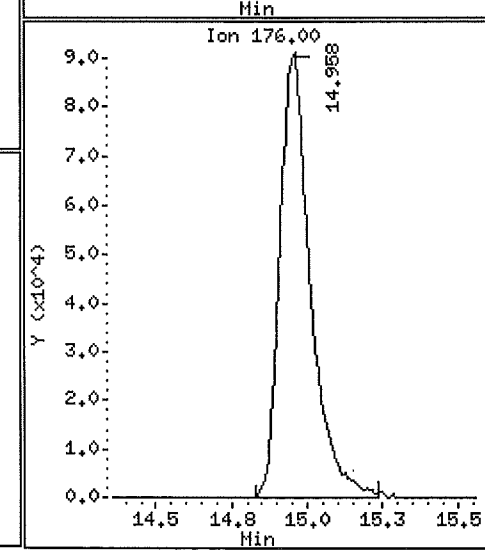












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12654.D

Date : 02-OCT-2000 22:34

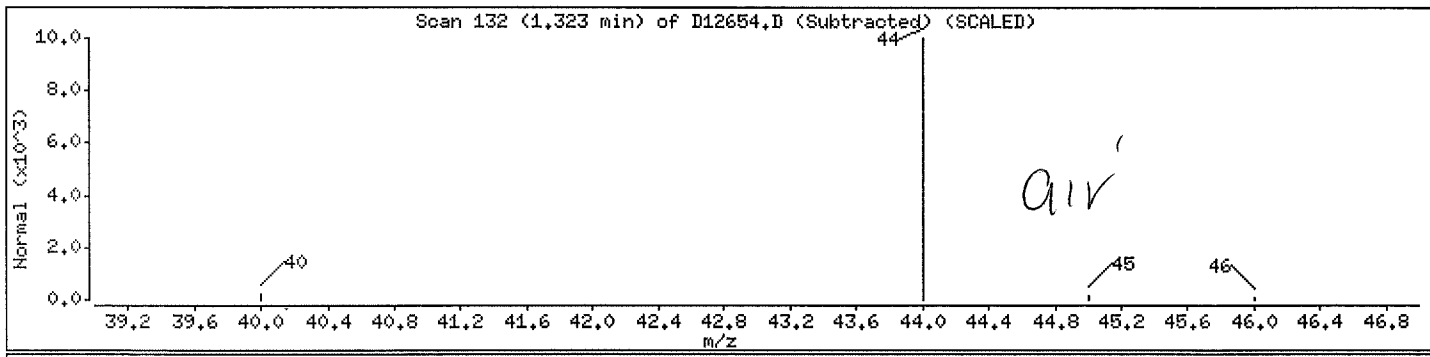
Client ID: D12654 Instrument: md.i

Sample Info: DL3H9101,,2,,0,1,0,8260BDA.M,D12654

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\1002BD.B\D12655.D
Lab Smp Id: DL3HD101 Client Smp ID: D12655
Inj Date : 02-OCT-2000 23:06
Operator : GFB Inst ID: md.i
Smp Info : DL3HD101,,2,,0,1,0,8260BDA.M,D12655
Misc Info : E0I260285-34,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.980	5.983	(0.844)	820727	49.1806	49.18	
$ 33 1,2-Dichloroethane-d4	65	6.512	6.525	(0.919)	554395	45.1194	45.12	
34 1,2-Dichloroethane-d4 2nd	102	6.522	6.525	(0.921)	103451	39.4410	39.44	
* 38 Fluorobenzene	96	7.083	7.096	(1.000)	1231746	50.0000		
$ 47 Toluene-d8	98	9.911	9.924	(0.786)	1123782	47.1283	47.13	
* 56 Chlorobenzene-d5	117	12.611	12.613	(1.000)	1076069	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.946	14.958	(0.866)	667375	47.2670	47.27	
$ 67 4-Bromofluorobenzene	95	14.946	14.948	(0.866)	917098	44.9085	44.91	
* 79 1,4-Dichlorobenzene-d4	152	17.251	17.273	(1.000)	740212	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\1002BD.B\D12655.D
Lab Smp Id: DL3HD101 Client Smp ID: D12655
Inj Date : 02-OCT-2000 23:06
Operator : GFB Inst ID: md.i
Smp Info : DL3HD101,,2,,0,1,0,8260BDA.M,D12655
Misc Info : E0I260285-34,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.084	2850142	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.320	505239	8.86339035	8.86	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3HD101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12655
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	1.320	8.86	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12655.D

Date : 02-OCT-2000 23:06

Client ID: D12655

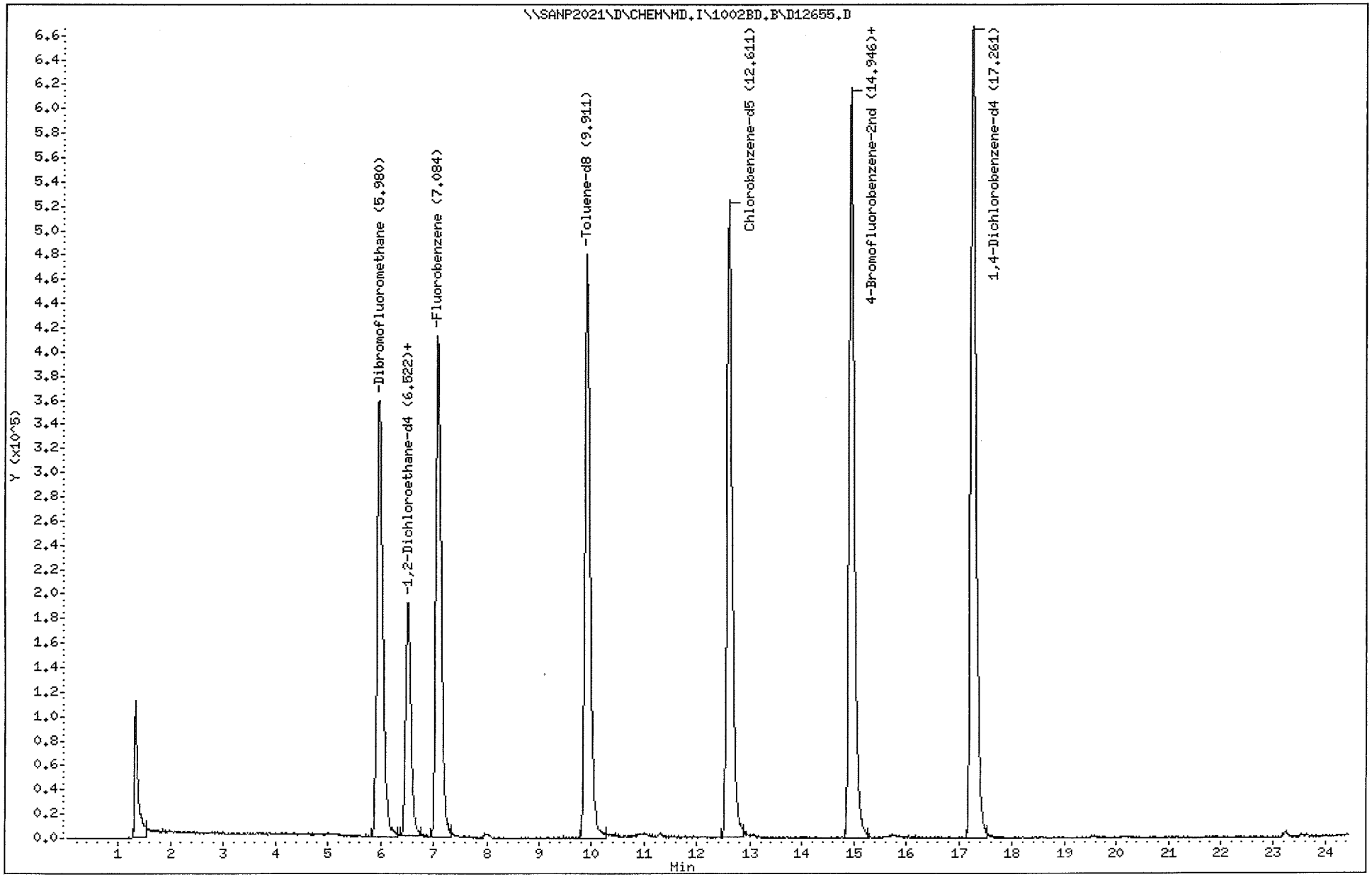
Sample Info: DL3HD101,,2,,0,1,0,8260BDA.M,D12655

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000923

BOE-C6-0156464

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12655.D

Date : 02-OCT-2000 23:06

Client ID: D12655

Instrument: md.i

Sample Info: DL3HD101,,2,,0,1,0,8260BDA,M,D12655

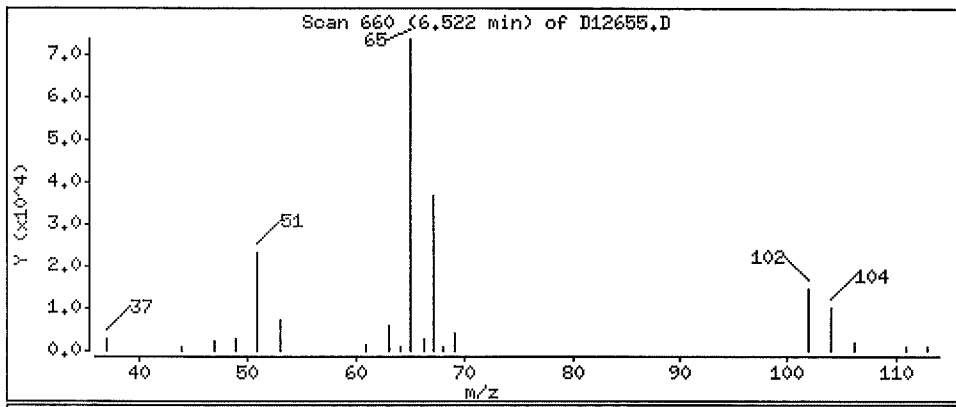
Operator: GFB

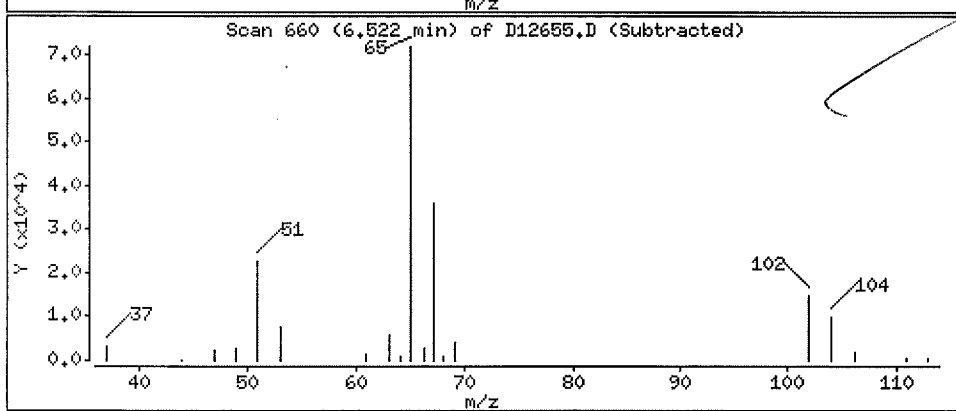
Column phase: J&W DB-624

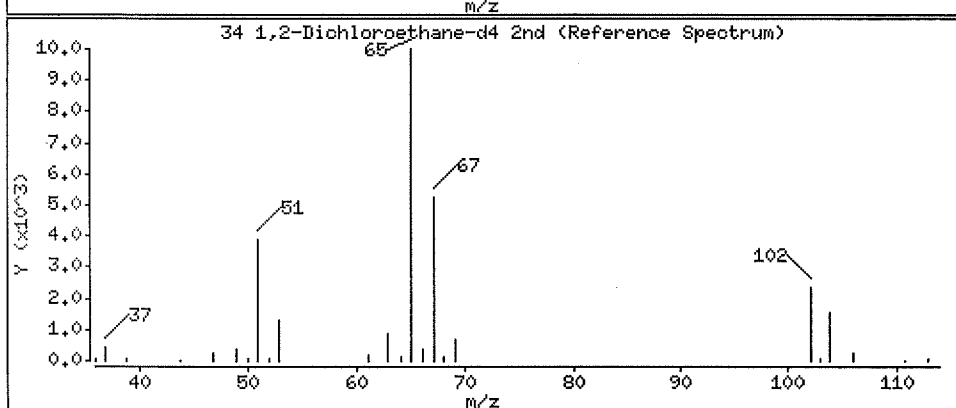
Column diameter: 0.53

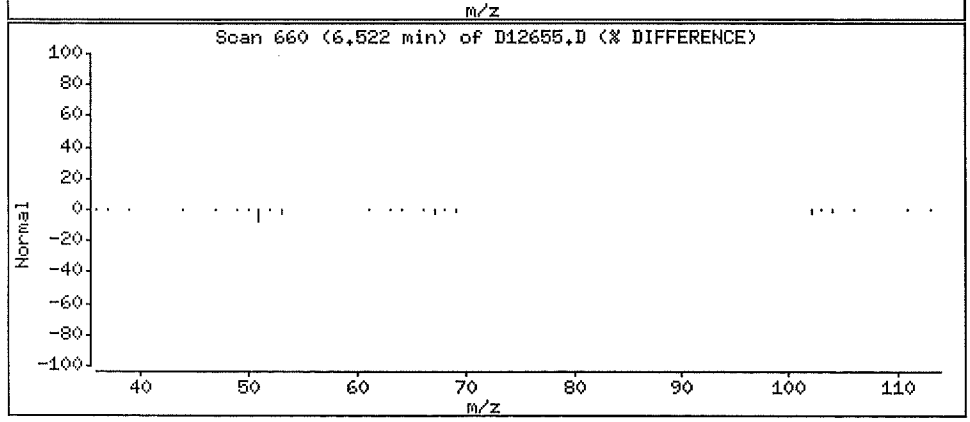
34 1,2-Dichloroethane-d4 2nd

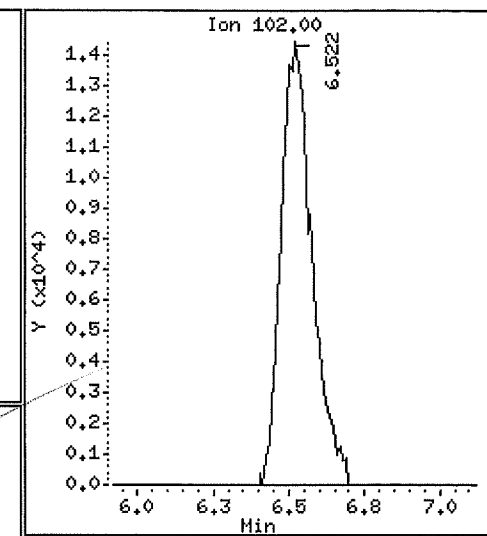
Concentration: 39.44 ug/Kg

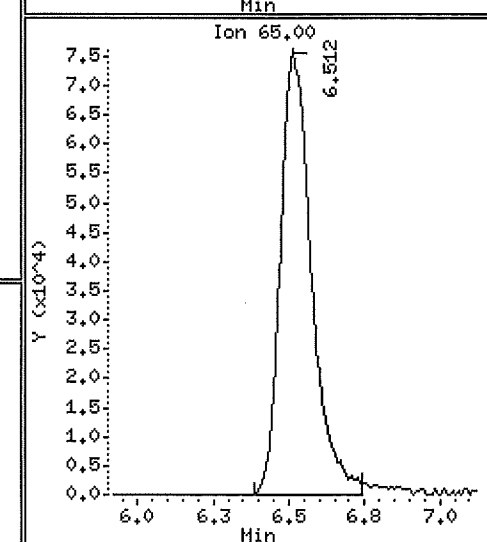












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12655.D

Date : 02-OCT-2000 23:06

Client ID: D12655

Instrument: md.i

Sample Info: DL3HD101,,2,,0,1,0,8260BDA.M,D12655

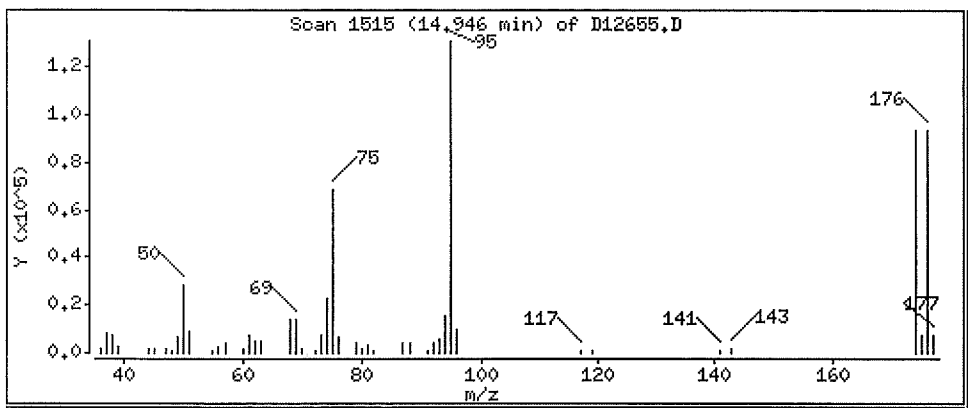
Operator: GFB

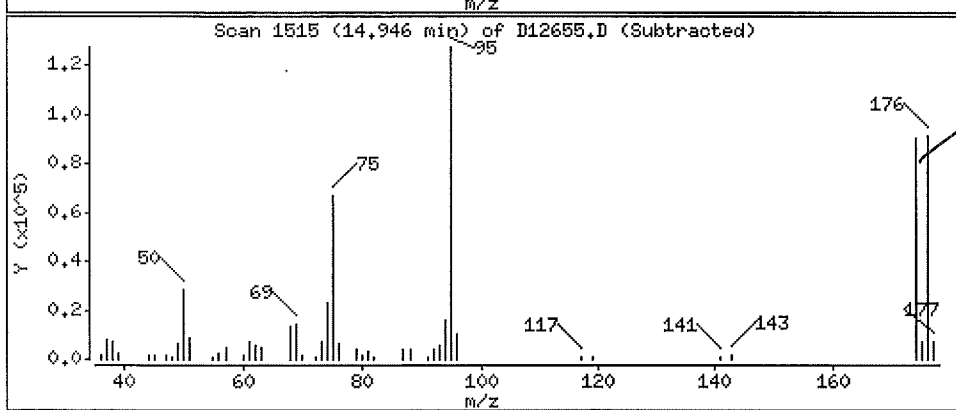
Column phase: J&W DB-624

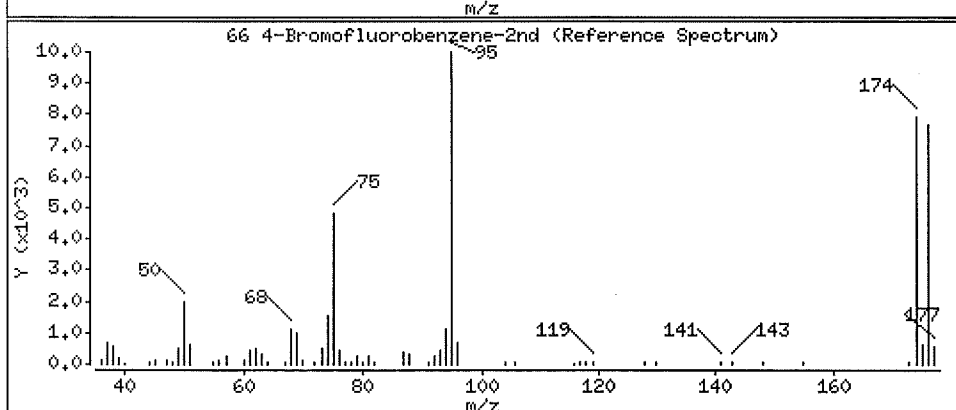
Column diameter: 0.53

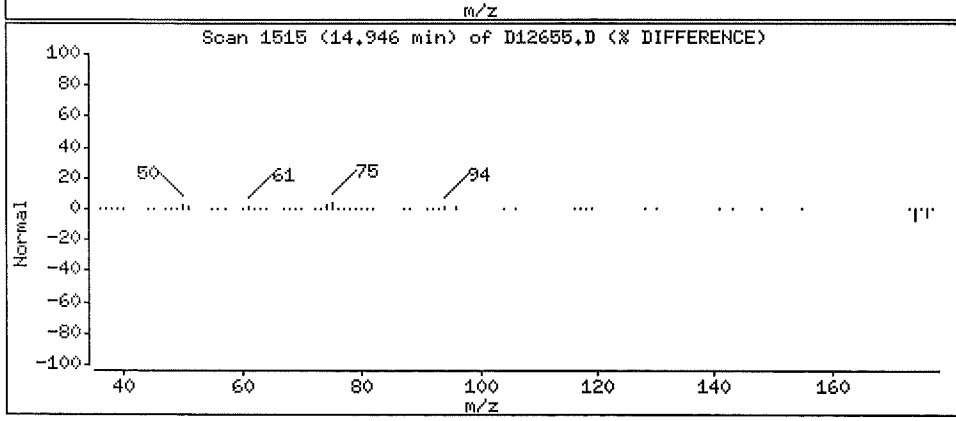
66 4-Bromofluorobenzene-2nd

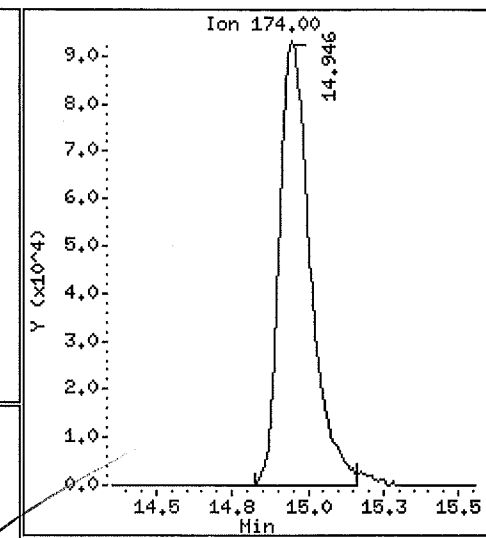
Concentration: 47.27 ug/Kg

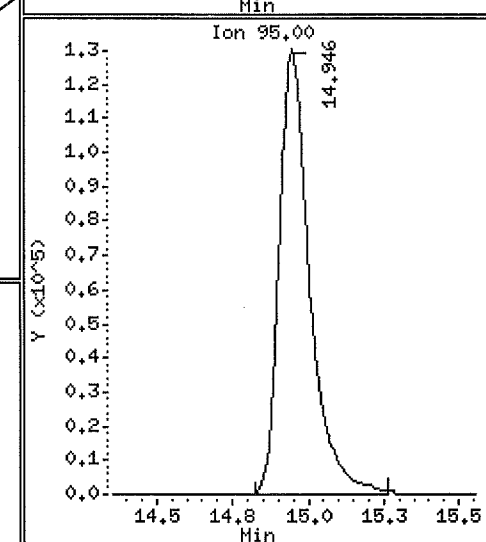


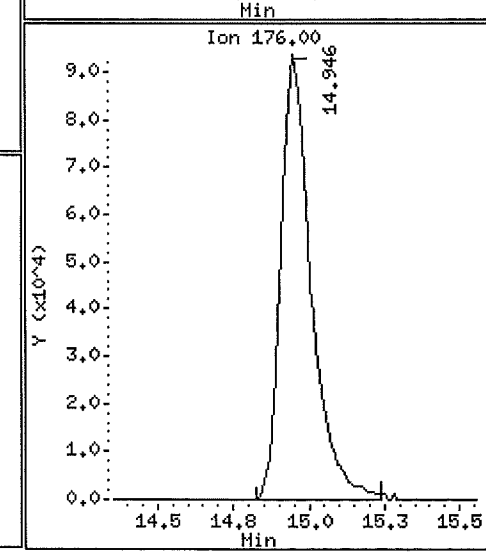












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12655.D

Date : 02-OCT-2000 23:06

Client ID: D12655

Instrument: md.i

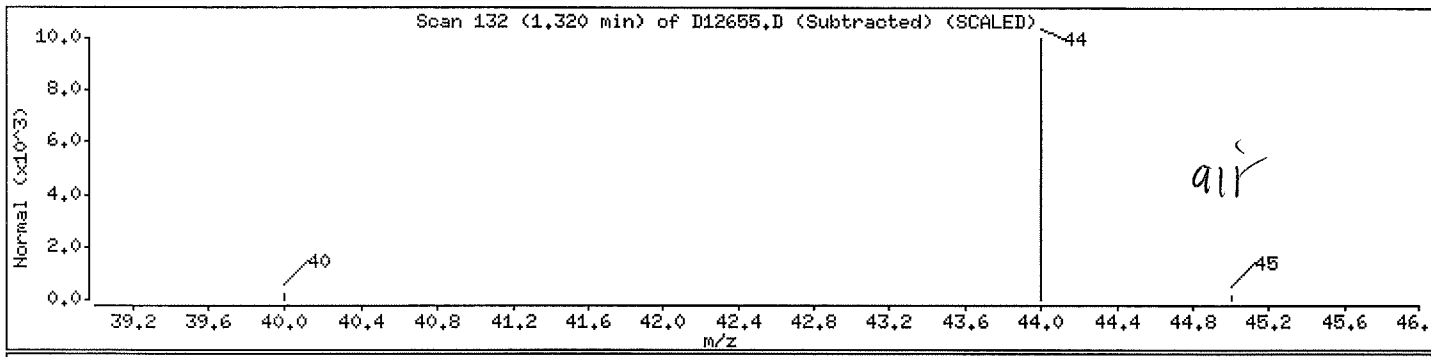
Sample Info: DL3HD101,,2,,0,1,0,8260BDA.M,D12655

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\1002BD.B\D12656.D
Lab Smp Id: DL3HF101 Client Smp ID: D12656
Inj Date : 02-OCT-2000 23:37
Operator : GFB Inst ID: md.i
Smp Info : DL3HF101,,2,,0,1,0,8260BDA.M,D12656
Misc Info : E0I260285-35,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.974	5.983	(0.842)	817622	49.2909	49.29	
$ 33 1,2-Dichloroethane-d4	65	6.516	6.525	(0.918)	569666	46.6427	46.64	
34 1,2-Dichloroethane-d4 2nd	102	6.526	6.525	(0.919)	105937	40.6332	40.63	
* 38 Fluorobenzene	96	7.097	7.096	(1.000)	1224342	50.0000		
$ 47 Toluene-d8	98	9.915	9.924	(0.787)	1102727	46.5536	46.55	
* 56 Chlorobenzene-d5	117	12.605	12.613	(1.000)	1068943	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.949	14.958	(0.866)	663797	47.1641	47.16	
$ 67 4-Bromofluorobenzene	95	14.949	14.948	(0.866)	916173	45.0069	45.01	
* 79 1,4-Dichlorobenzene-d4	152	17.265	17.273	(1.000)	737849	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\1002BD.B\D12656.D
Lab Smp Id: DL3HF101 Client Smp ID: D12656
Inj Date : 02-OCT-2000 23:37
Operator : GFB Inst ID: md.i
Smp Info : DL3HF101,,2,,0,1,0,8260BDA.M,D12656
Misc Info : E0I260285-35,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.097	2909635	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.324	495985	8.52314946	8.52	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3HF101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12656
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~~ alr	1.324	8.52	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12656.D

Date : 02-OCT-2000 23:37

Client ID: D12656

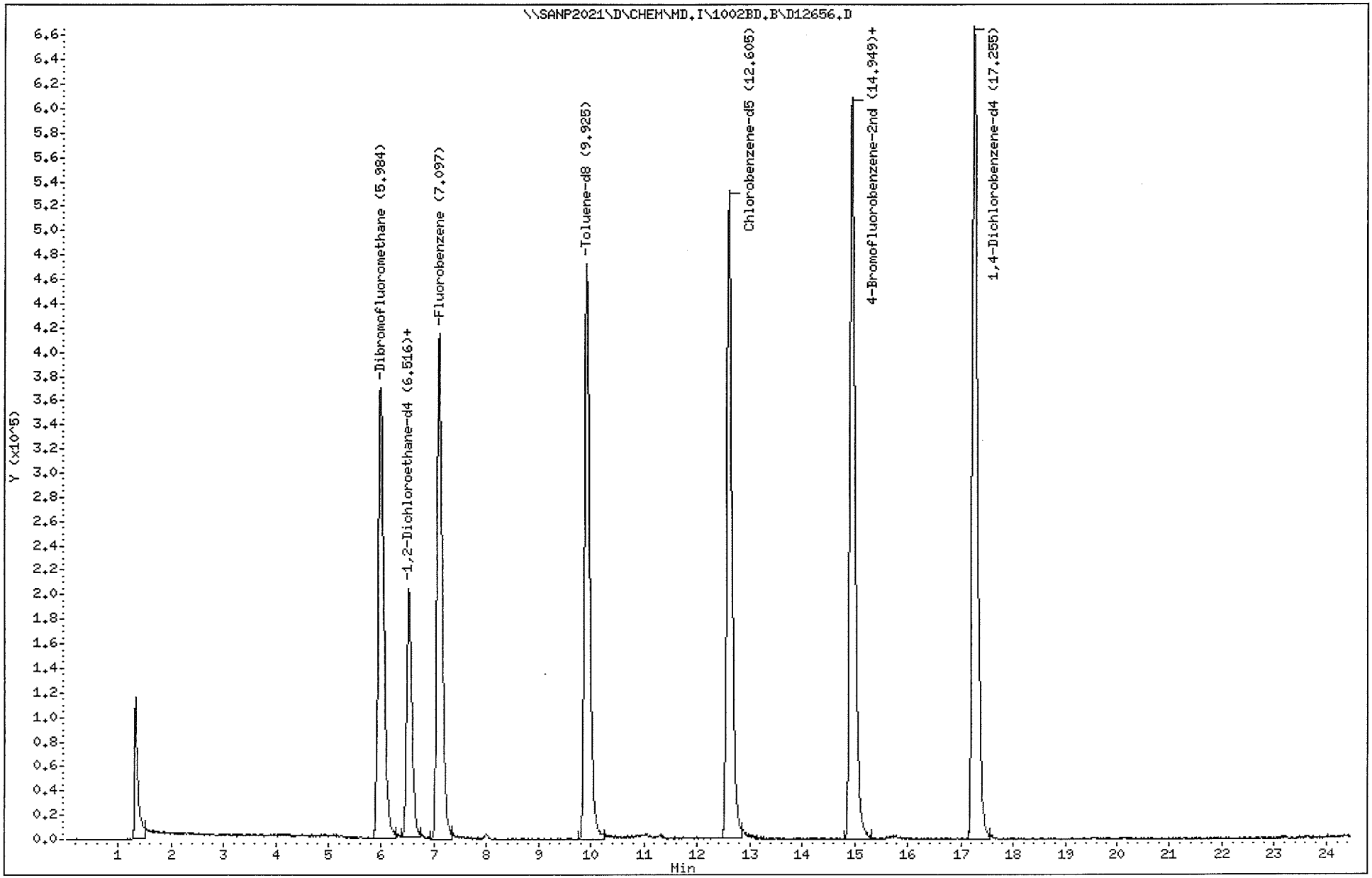
Sample Info: DL3HF101,,2,,0,1,0,8260BDA.M,D12656

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000930

BOE-C6-0156471

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12656.D

Date : 02-OCT-2000 23:37

Client ID: D12656

Instrument: md.i

Sample Info: DL3HF101,,2,,0,1,0,8260BDA.M,D12656

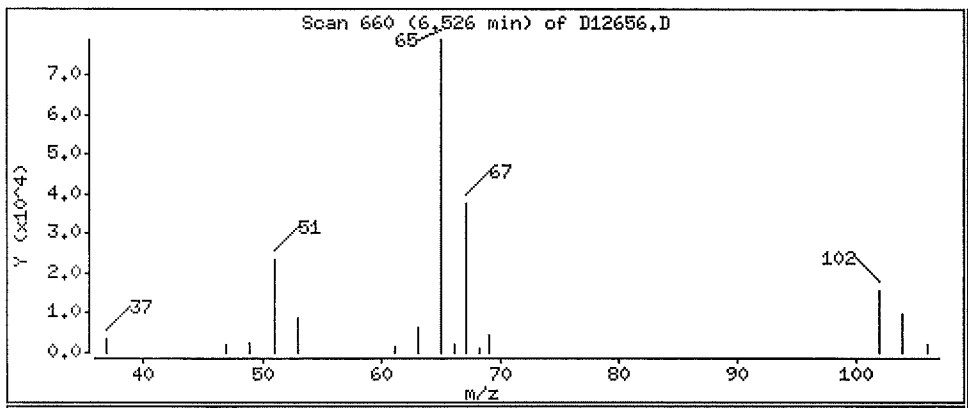
Operator: GFB

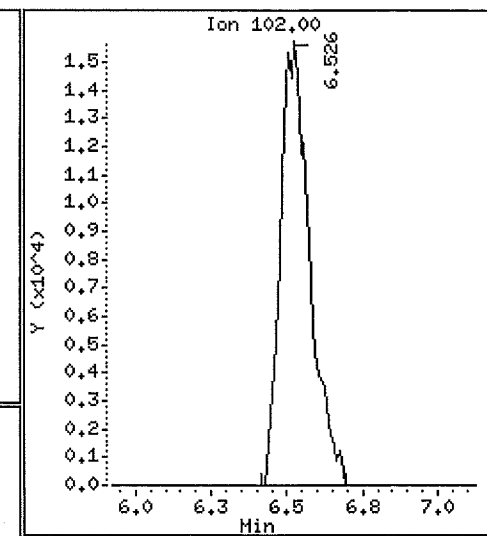
Column phase: J&W DB-624

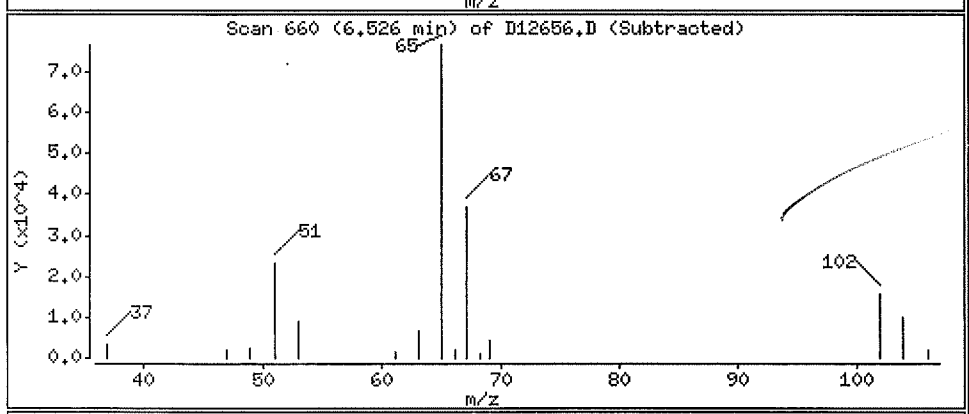
Column diameter: 0.53

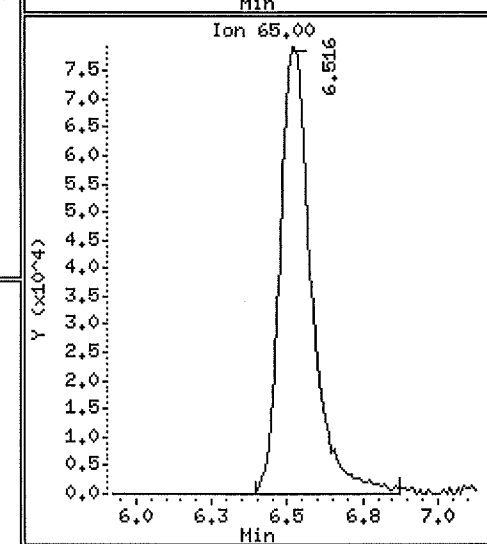
34 1,2-Dichloroethane-d4 2nd

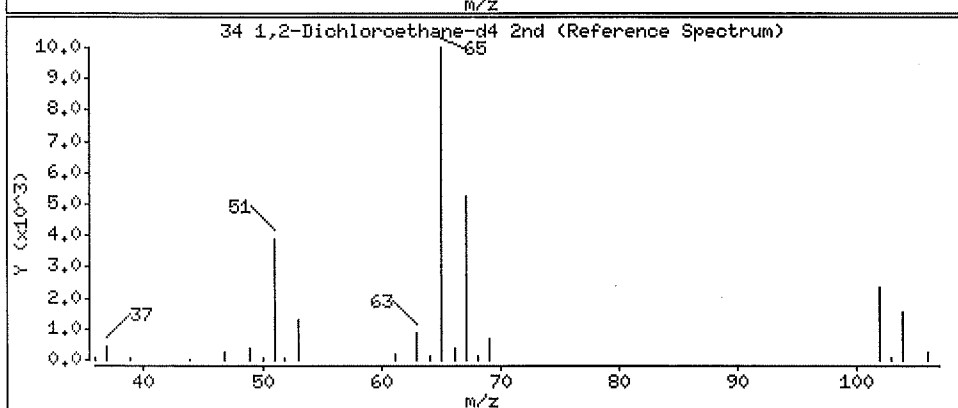
Concentration: 40.63 ug/Kg

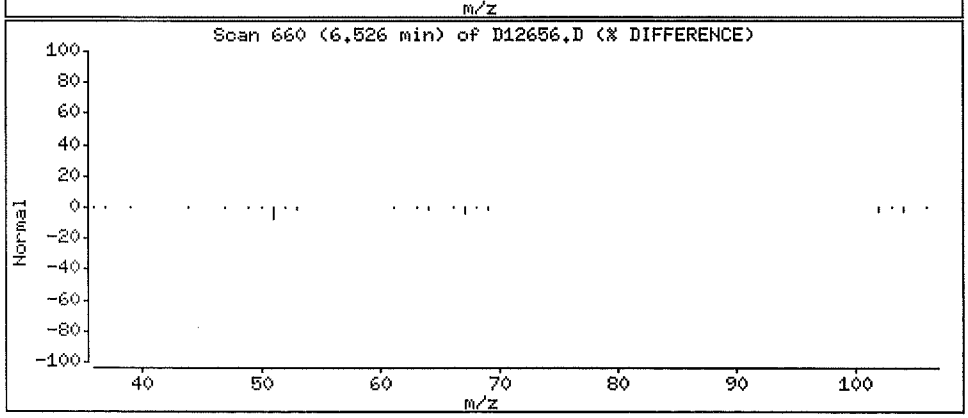












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12656.D

Date : 02-OCT-2000 23:37

Client ID: D12656

Instrument: md.i

Sample Info: DL3HF101,,2,,0,1,0,8260BDA.M,D12656

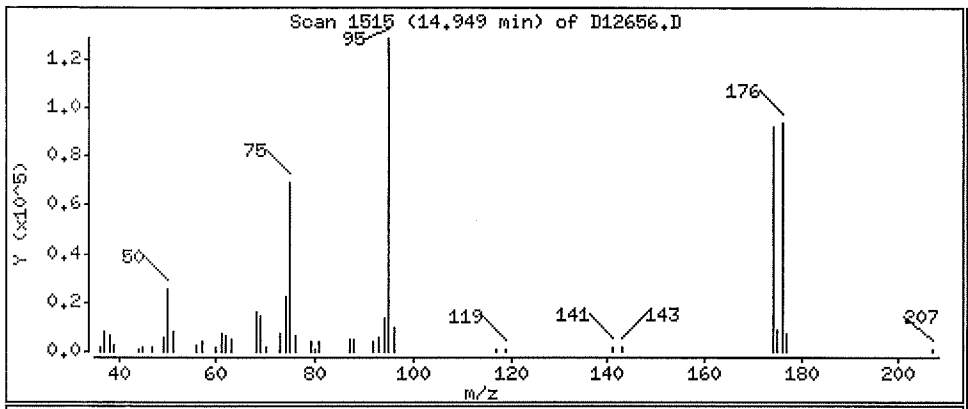
Operator: GFB

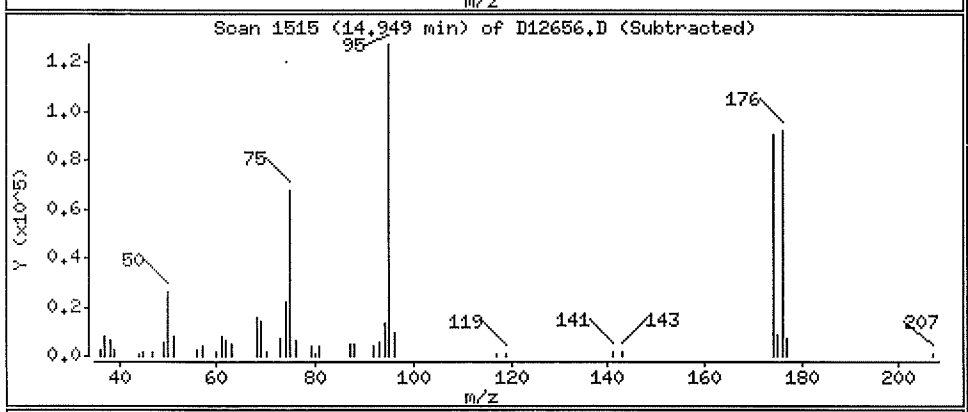
Column phase: J&W DB-624

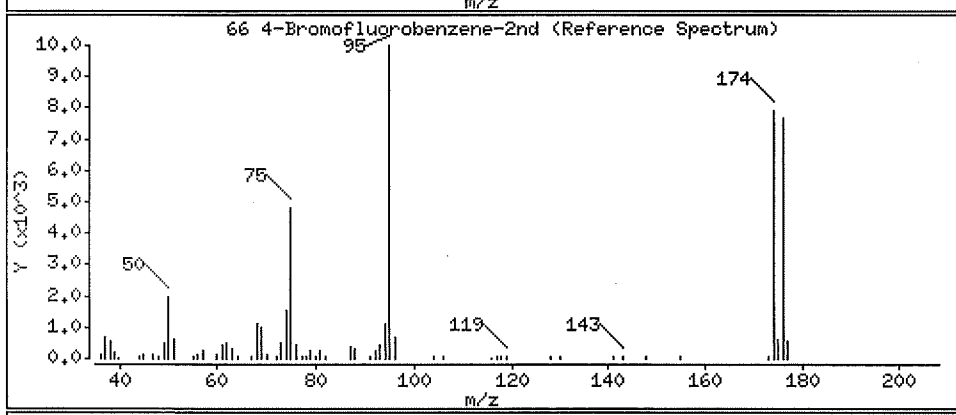
Column diameter: 0.53

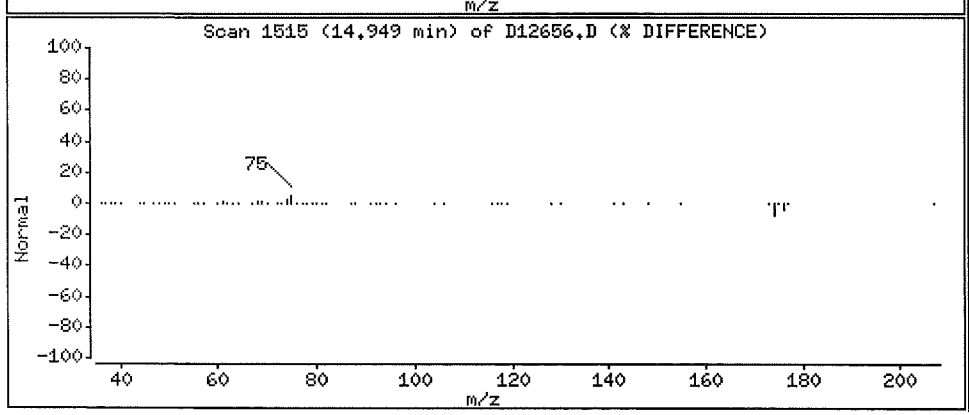
66 4-Bromofluorobenzene-2nd

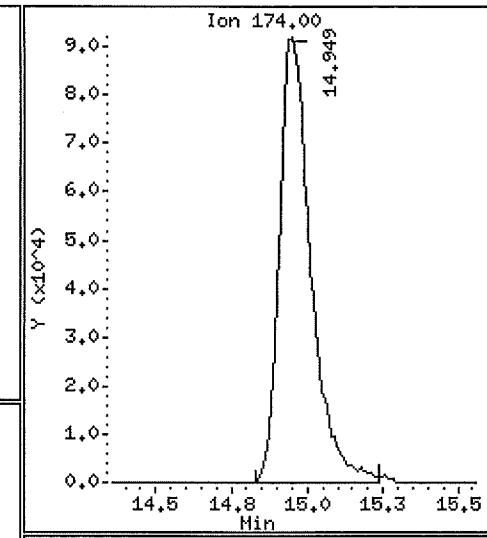
Concentration: 47.16 ug/Kg

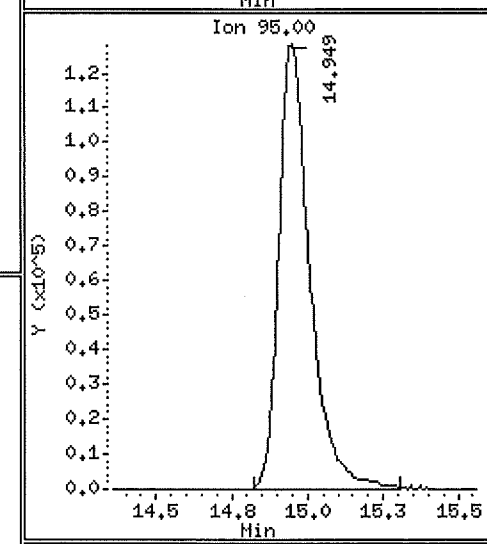


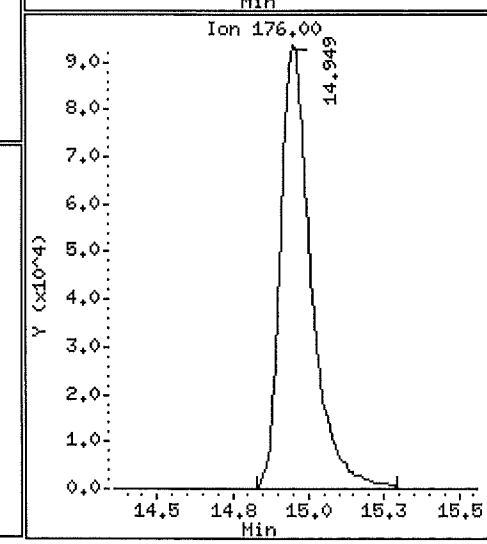












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12656.D

Date : 02-OCT-2000 23:37

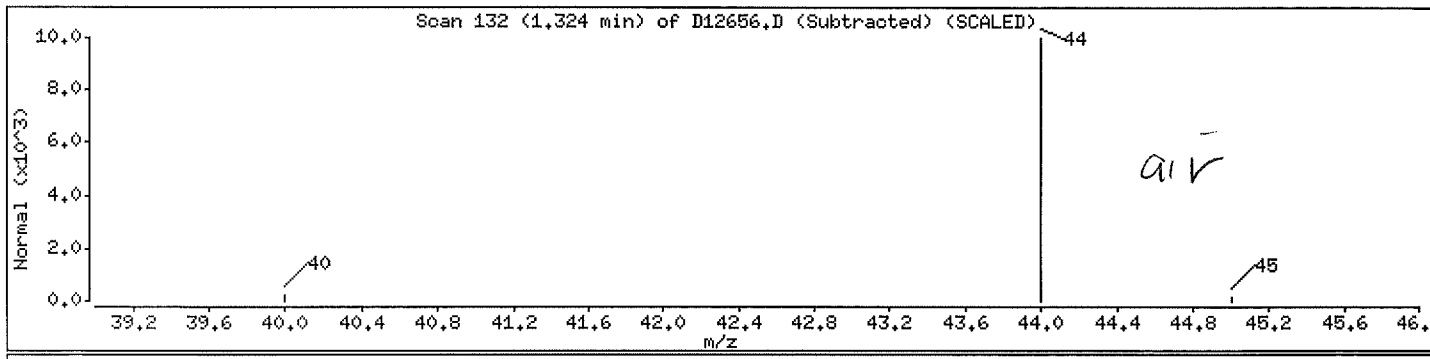
Client ID: D12656 Instrument: md.i

Sample Info: DL3HF101,,2,,0,1,0,8260BDA.M,D12656

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\1002BD.B\D12657.D
Lab Smp Id: DL3HG101 Client Smp ID: D12657
Inj Date : 03-OCT-2000 00:09
Operator : GFB Inst ID: md.i
Smp Info : DL3HG101,,2,,0,1,0,8260BDA.M,D12657
Misc Info : E0I260285-36,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.987	5.983	(0.844)	797106	48.4367	48.44
$ 33 1,2-Dichloroethane-d4	65	6.529	6.525	(0.921)	551124	45.4838	45.48
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.525	(0.921)	99060	38.2979	38.30
36 1,2-Dichloroethane	62	7.080	6.653	(0.999)	16223	1.21850	1.22(aQ)
* 38 Fluorobenzene	96	7.090	7.096	(1.000)	1214670	50.0000	
$ 47 Toluene-d8	98	9.918	9.924	(0.787)	1099425	46.5265	46.53
* 56 Chlorobenzene-d5	117	12.608	12.613	(1.000)	1066362	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.958	(0.866)	662401	46.9237	46.92
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	891971	43.6865	43.69
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.273	(1.000)	740070	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\1002BD.B\D12657.D
Lab Smp Id: DL3HG101 Client Smp ID: D12657
Inj Date : 03-OCT-2000 00:09
Operator : GFB Inst ID: md.i
Smp Info : DL3HG101,,2,,0,1,0,8260BDA.M,D12657
Misc Info : E0I260285-36,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.090	2850670	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	521561	9.14804239	9.15	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3HG101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12657
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

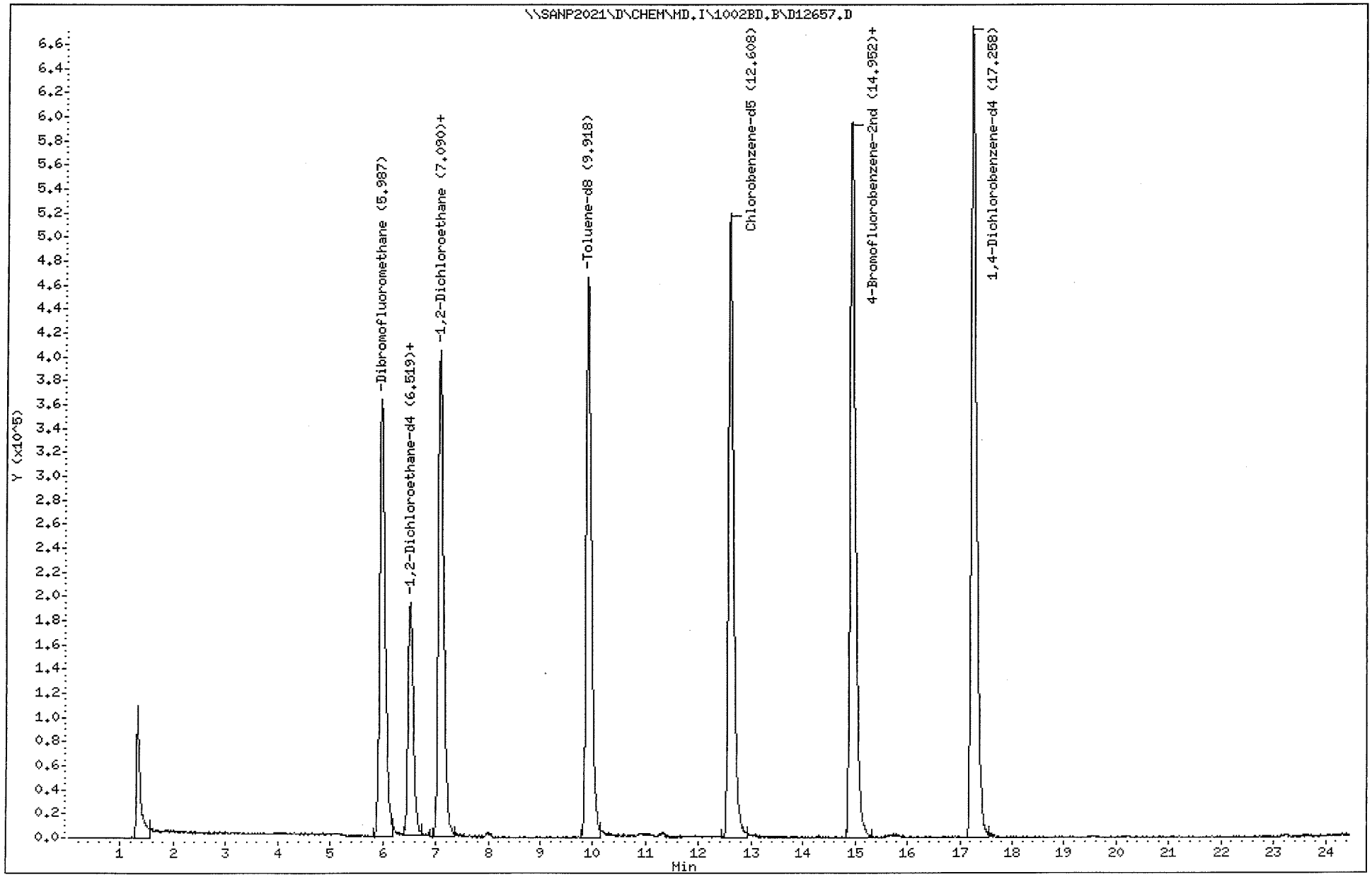
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown a V	1.327	9.15	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12657.D
Date : 03-OCT-2000 00:09
Client ID: D12657
Sample Info: DL3HG101,,2,,0,1,0,8260BDA.M,D12657

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



000938

BOE-C6-0156479

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12657.D

Date : 03-OCT-2000 00:09

Client ID: D12657

Instrument: md.i

Sample Info: DL3HG101,,2,,0,1,0,8260BDA.M,D12657

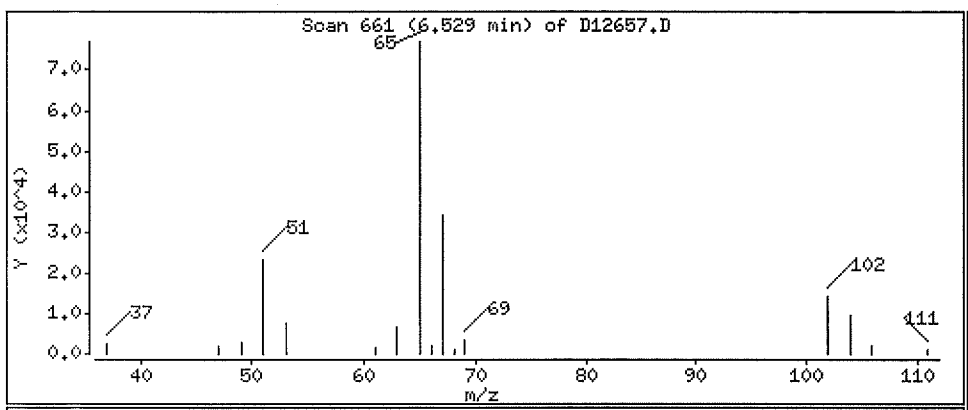
Operator: GFB

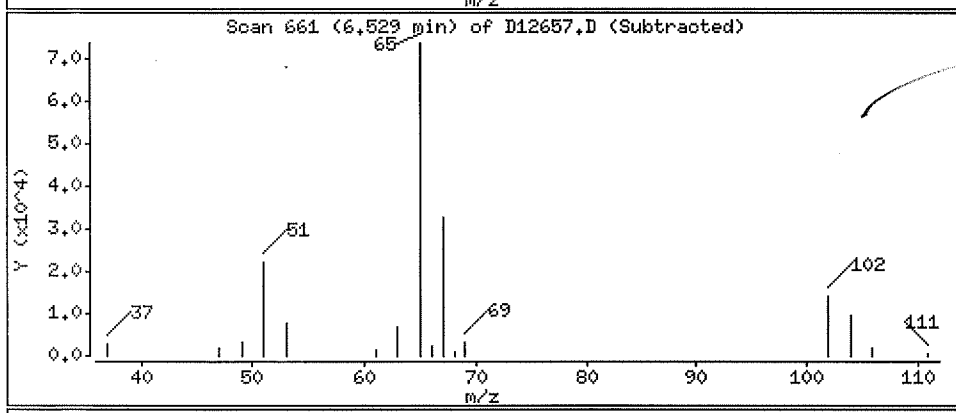
Column phase: J&W DB-624

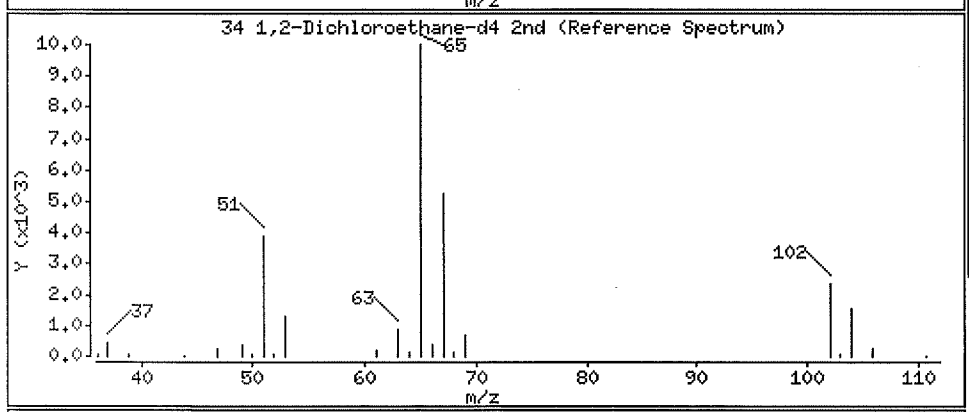
Column diameter: 0.53

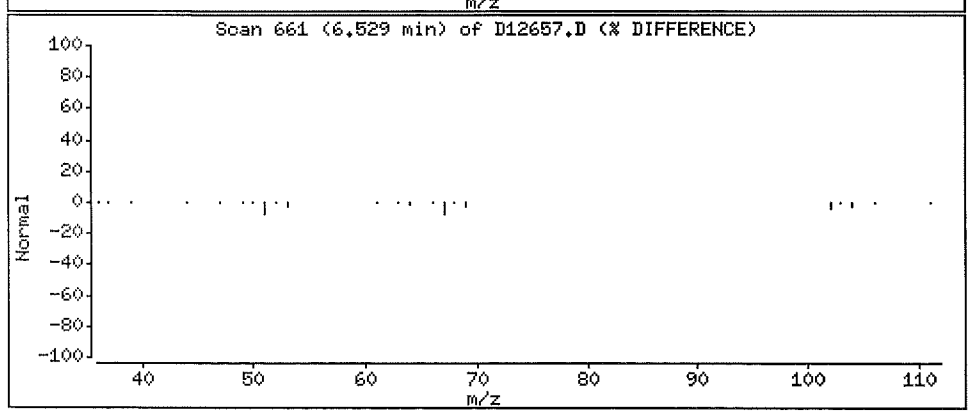
34 1,2-Dichloroethane-d4 2nd

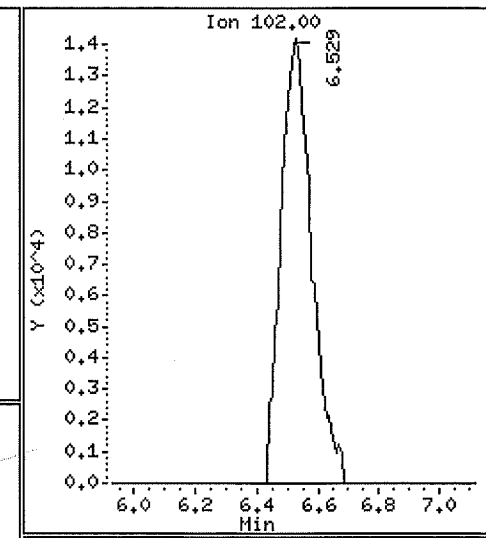
Concentration: 38.30 ug/Kg

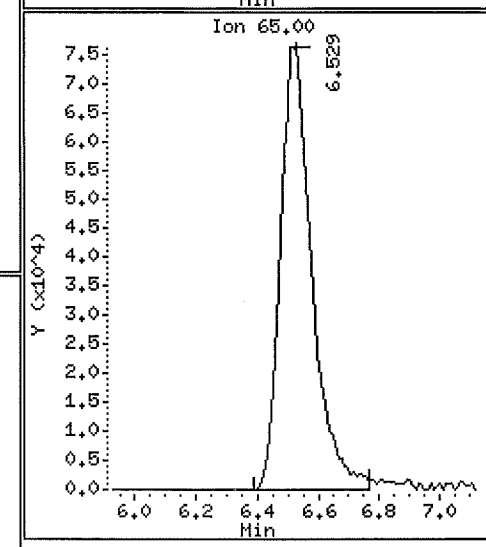












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12657.D

Date : 03-OCT-2000 00:09

Client ID: D12657

Instrument: md.i

Sample Info: DL3HG101,,2,,0,1,0,8260BDA.M,D12657

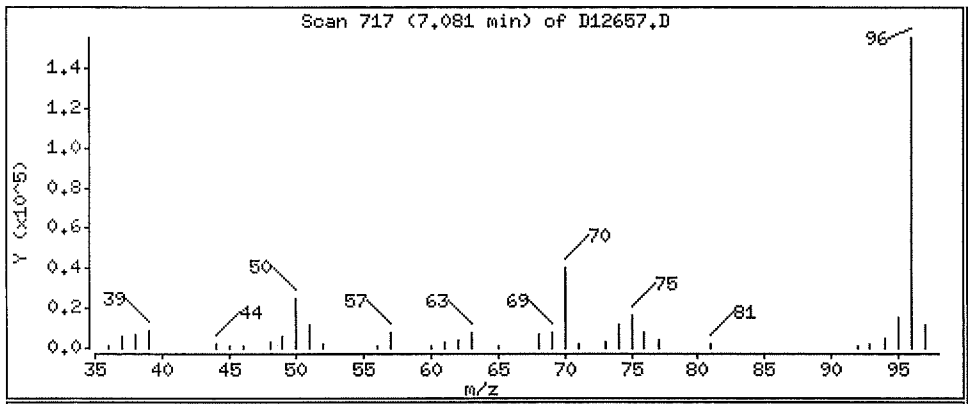
Operator: GFB

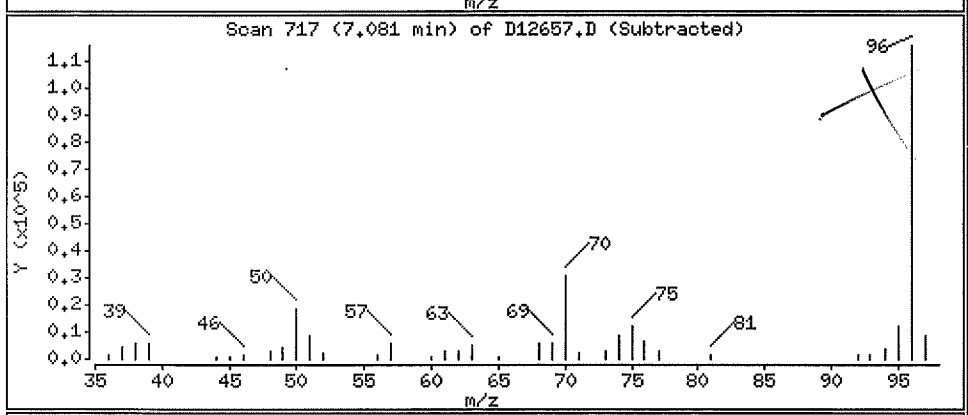
Column phase: J&W DB-624

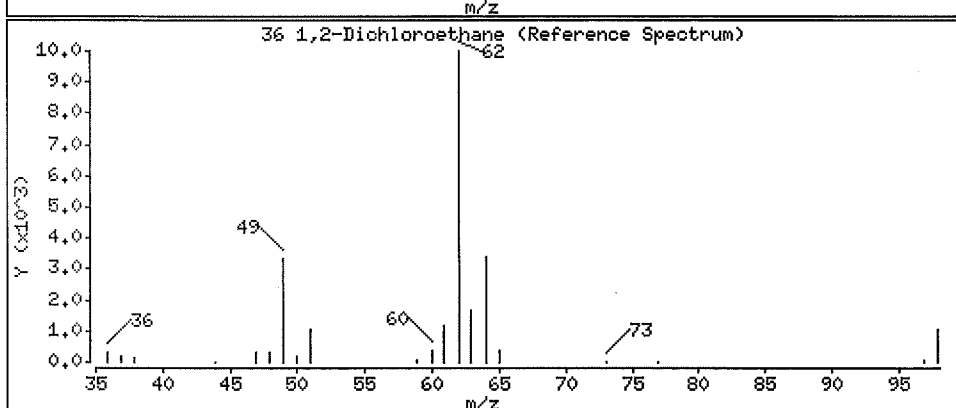
Column diameter: 0.53

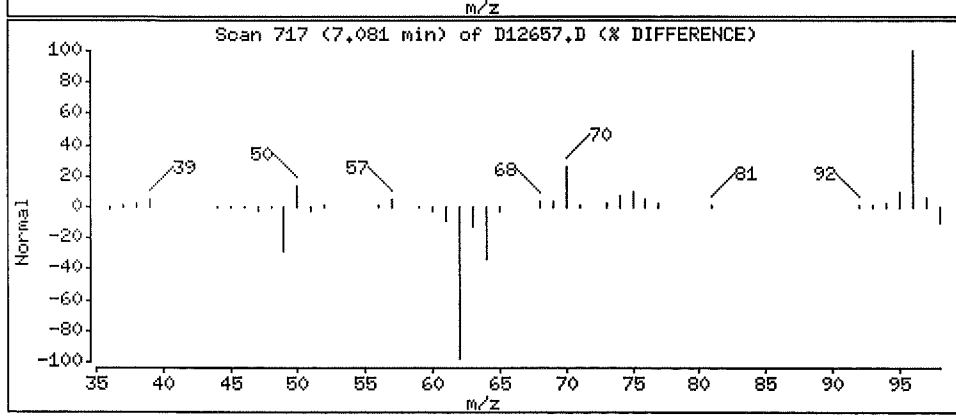
36 1,2-Dichloroethane

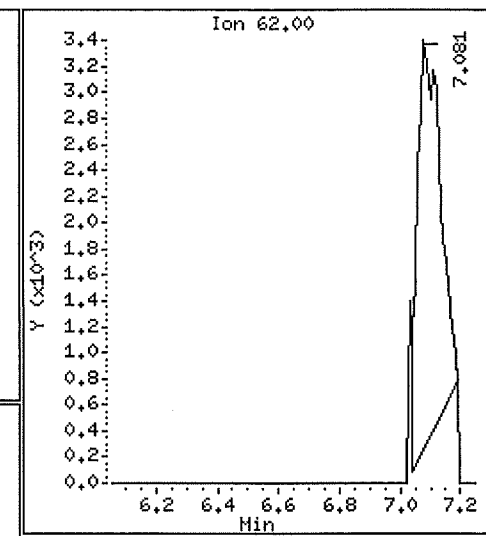
Concentration: 1.22 ug/Kg

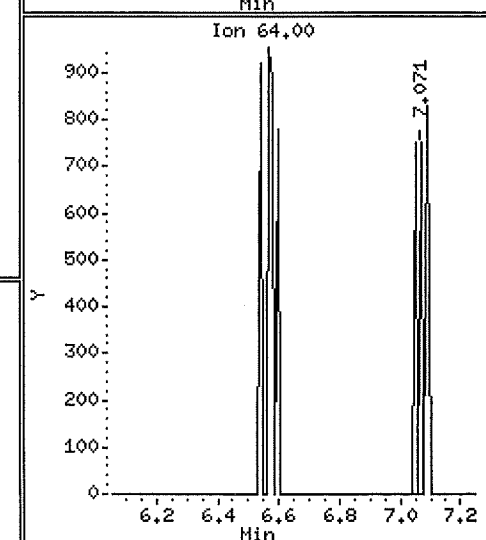


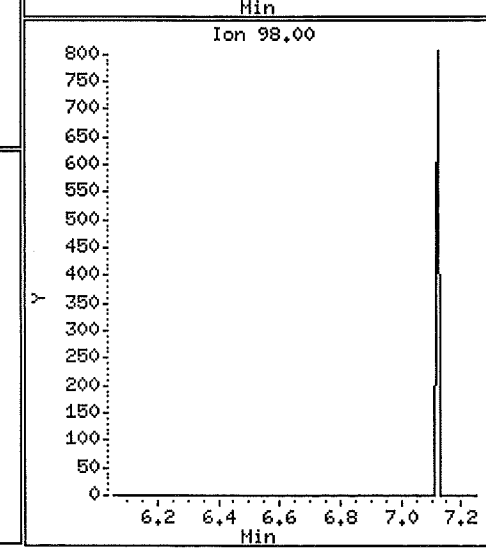












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12657.D

Date : 03-OCT-2000 00:09

Client ID: D12657

Instrument: md.i

Sample Info: DL3HG101,,2,,0,1,0,8260BDA.M,D12657

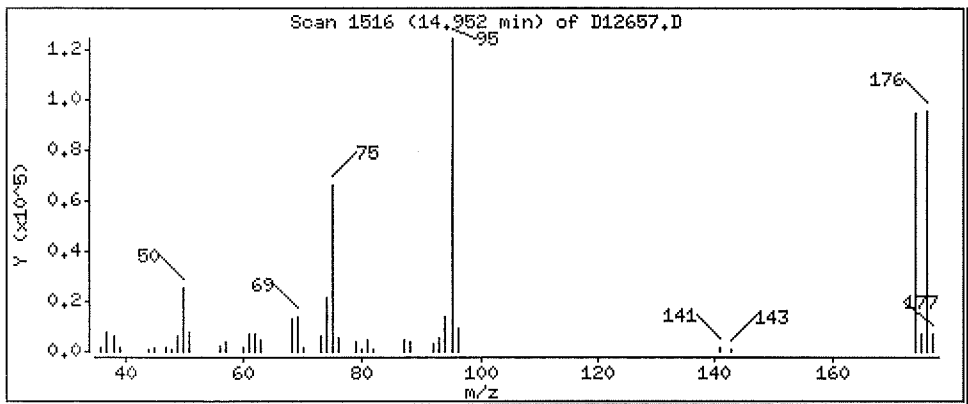
Operator: GFB

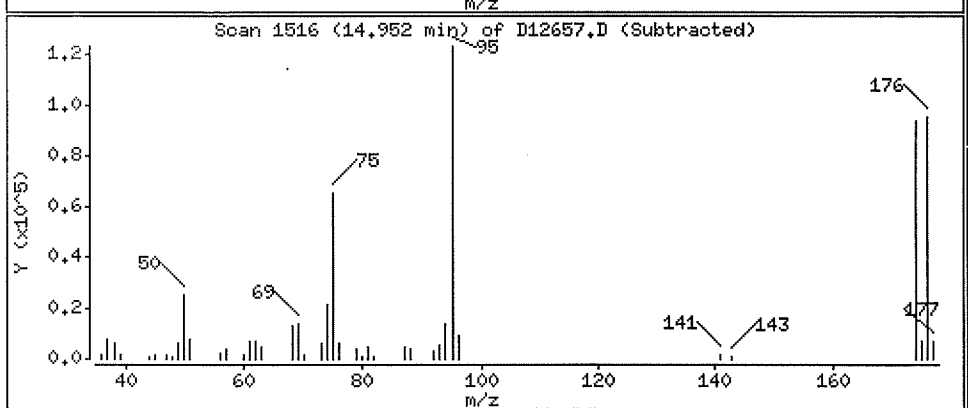
Column phase: J&W DB-624

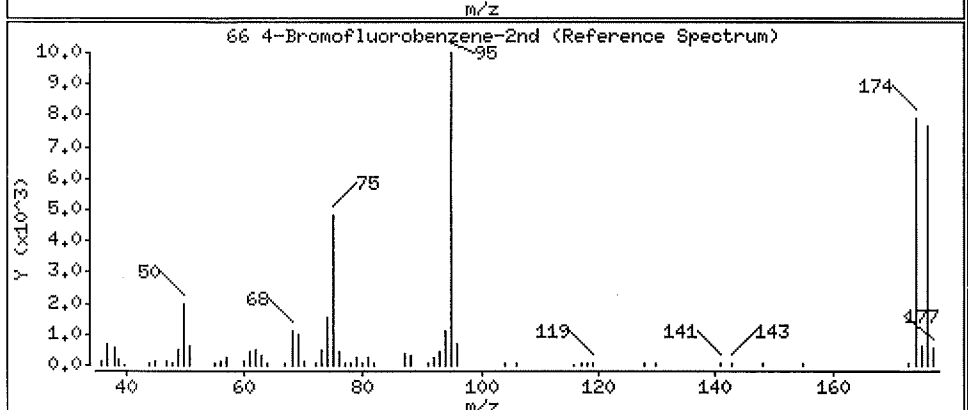
Column diameter: 0.53

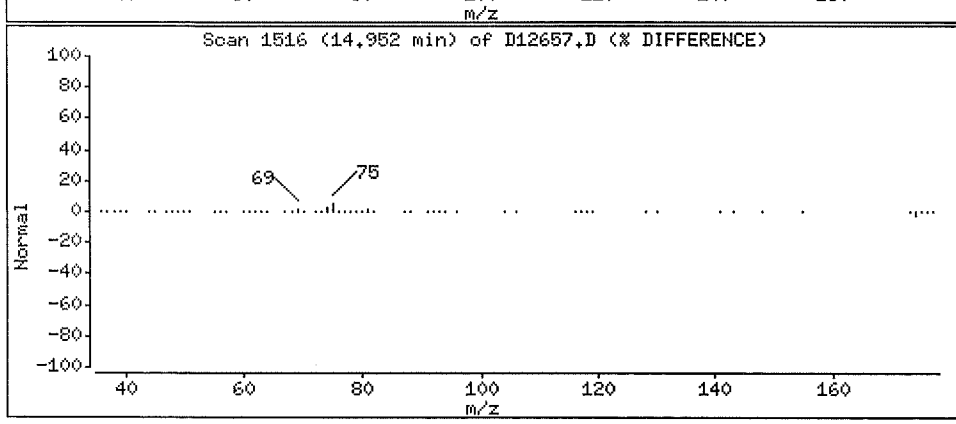
66 4-Bromofluorobenzene-2nd

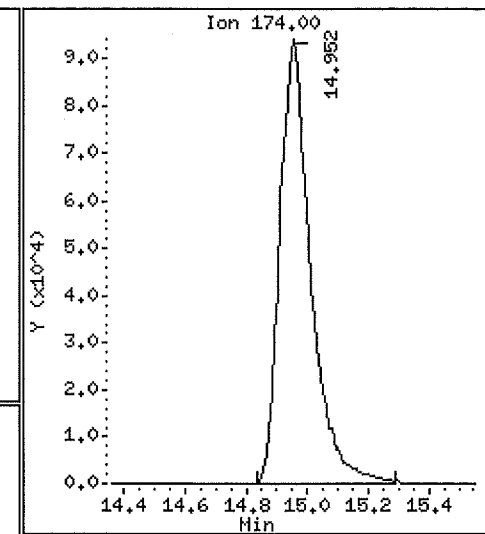
Concentration: 46.92 ug/Kg

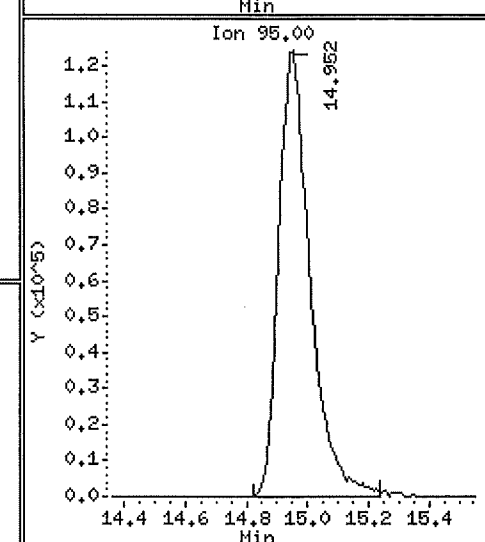


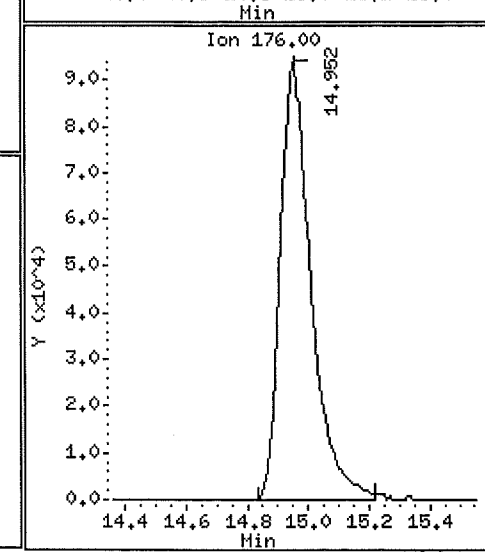












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12657.D

Date : 03-OCT-2000 00:09

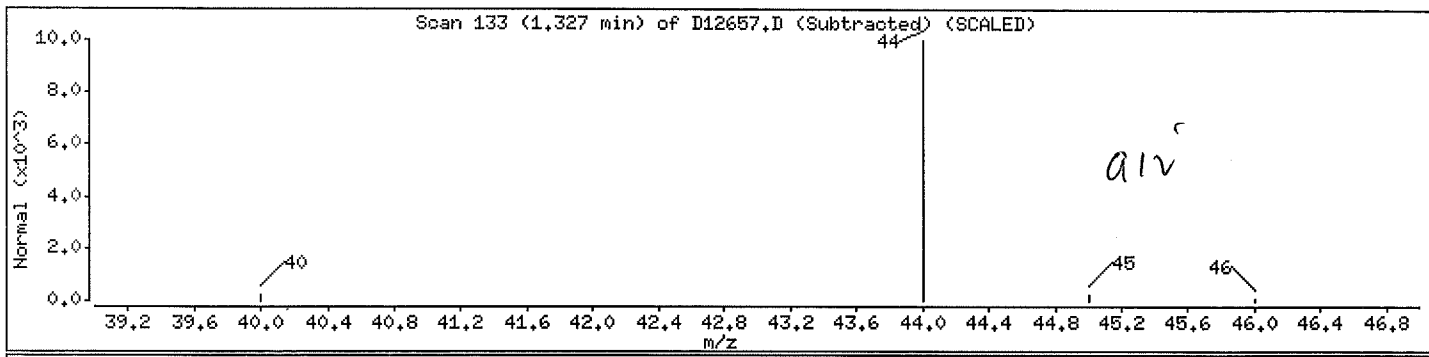
Client ID: D12657 Instrument: md.i

Sample Info: DL3HG101,,2,,0,1,0,8260BDA.M,D12657

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\1002BD.B\D12658.D
Lab Smp Id: DL3HH101 Client Smp ID: D12658
Inj Date : 03-OCT-2000 00:41
Operator : GFB Inst ID: md.i
Smp Info : DL3HH101,,2,,0,1,0,8260BDA.M,D12658
Misc Info : E0I260285-37,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.983	(0.843)	821610	48.9432	48.94	
$ 33 1,2-Dichloroethane-d4	65	6.528	6.525	(0.920)	553379	44.7712	44.77	
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.525	(0.920)	102411	38.8144	38.81	
* 38 Fluorobenzene	96	7.100	7.096	(1.000)	1239053	50.0000		
$ 47 Toluene-d8	98	9.927	9.924	(0.787)	1109251	46.7358	46.74	
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1071076	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.958	(0.866)	674928	47.3537	47.35	
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	926158	44.9269	44.93	
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.273	(1.000)	747219	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\1002BD.B\D12658.D
Lab Smp Id: DL3HH101 Client Smp ID: D12658
Inj Date : 03-OCT-2000 00:41
Operator : GFB Inst ID: md.i
Smp Info : DL3HH101,,2,,0,1,0,8260BDA.M,D12658
Misc Info : E0I260285-37,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.100	2880207	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	523984	9.09629139	9.10	0		0	38

C02

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3HH101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12658
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 LOV	1.326	9.10	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12658.D

Date : 03-OCT-2000 00:41

Client ID: D12658

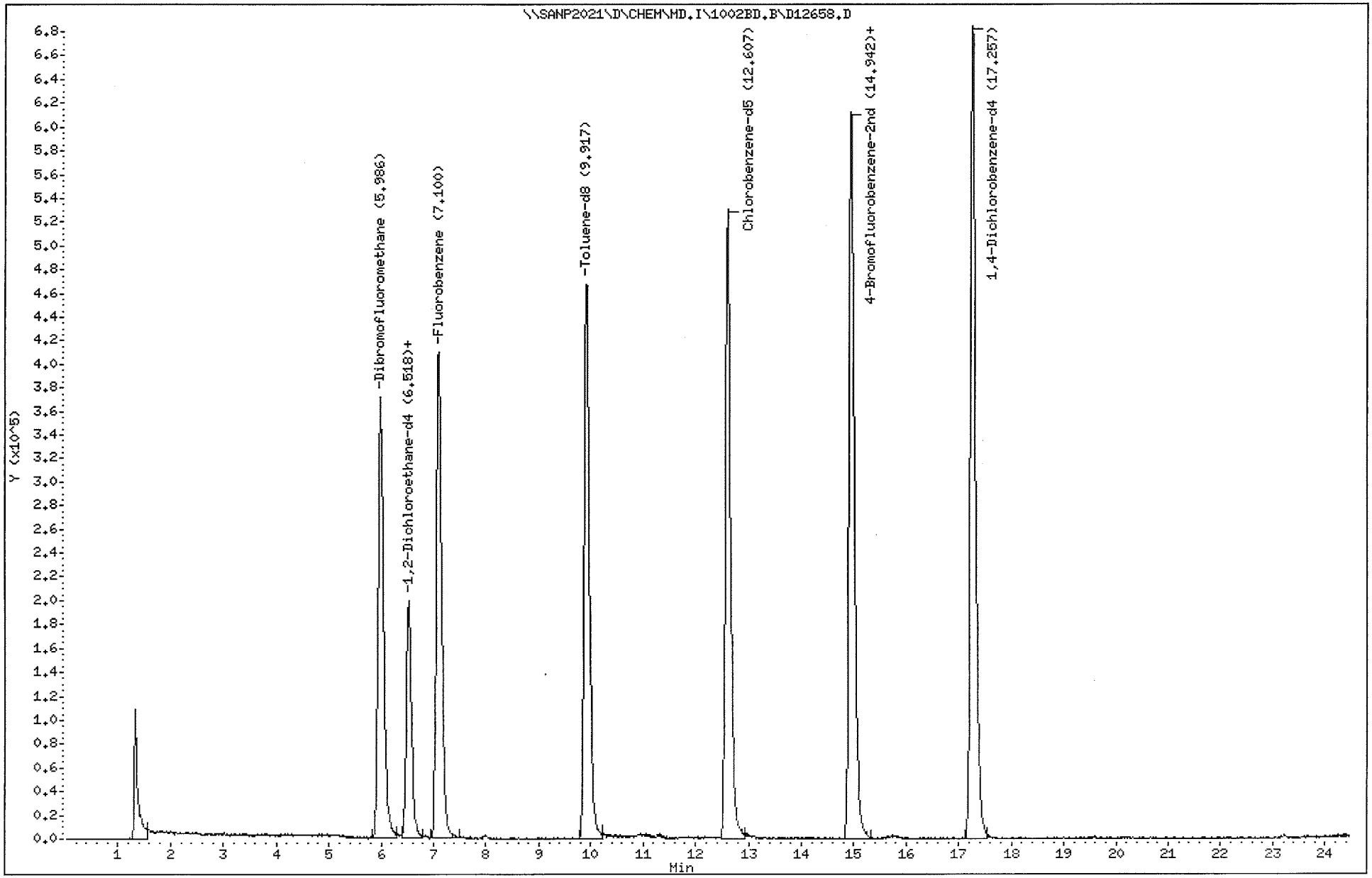
Sample Info: DL3HH101,,2,,0,1,0,8260BDA.M,D12658

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000946

BOE-C6-0156487

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12658.D

Date : 03-OCT-2000 00:41

Client ID: D12658

Instrument: md.i

Sample Info: DL3HH101,,2,,0,1,0,8260BDA.M,D12658

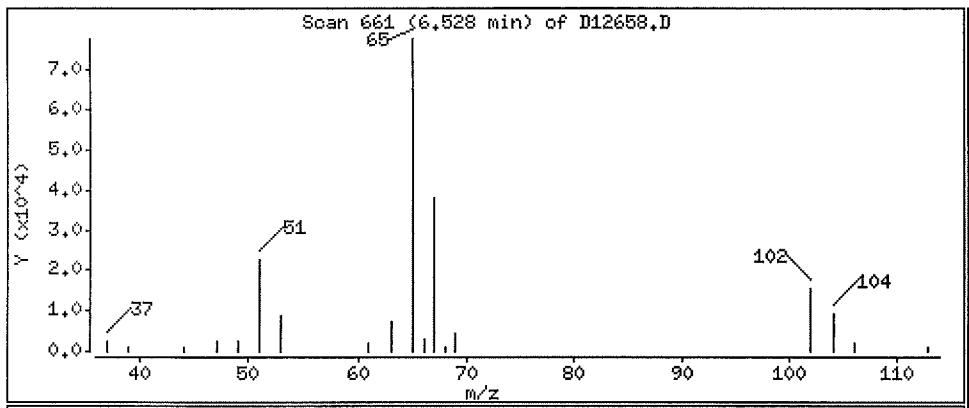
Operator: GFB

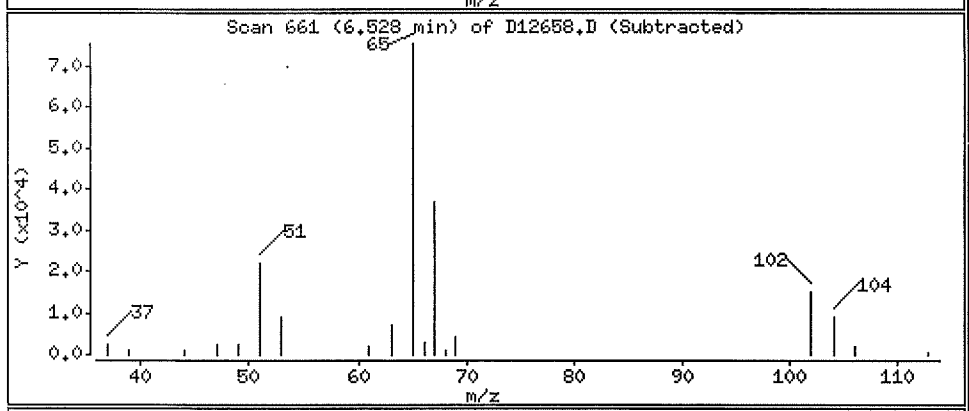
Column phase: J&W DB-624

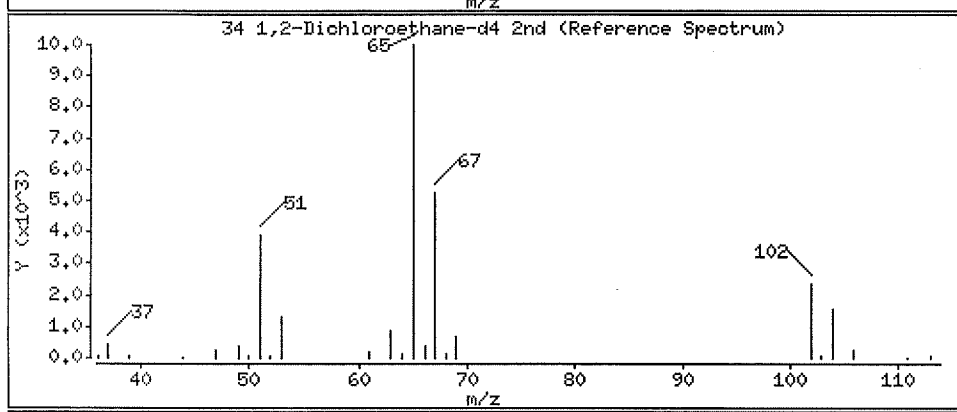
Column diameter: 0.53

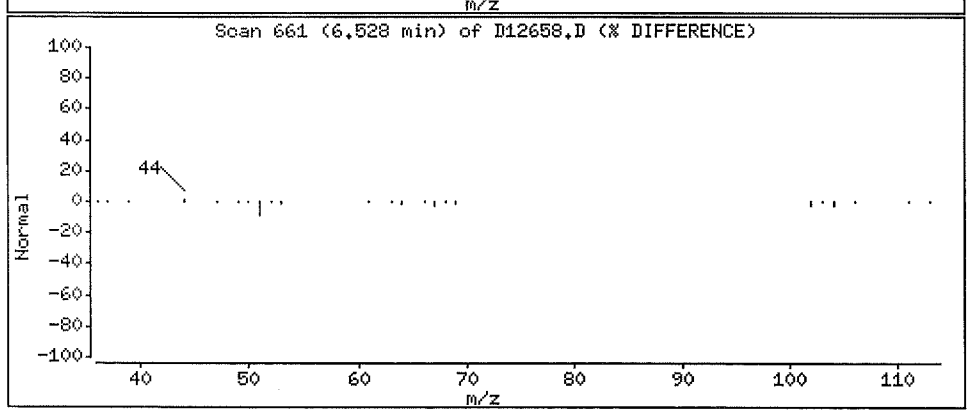
34 1,2-Dichloroethane-d4 2nd

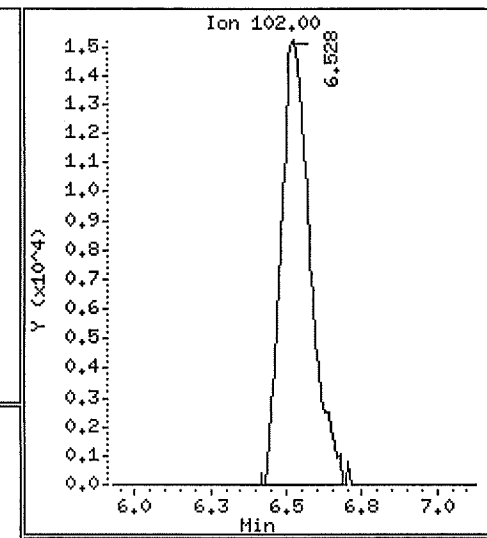
Concentration: 38.81 ug/Kg

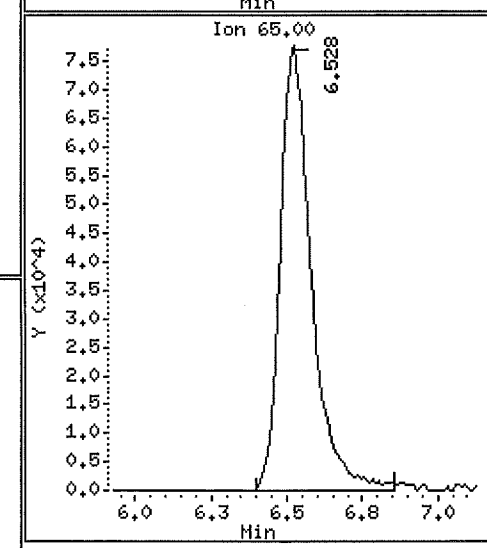












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12658.D

Date : 03-OCT-2000 00:41

Client ID: D12658

Instrument: md.i

Sample Info: DL3HH101,,2,,0,1,0,8260BDA.M,D12658

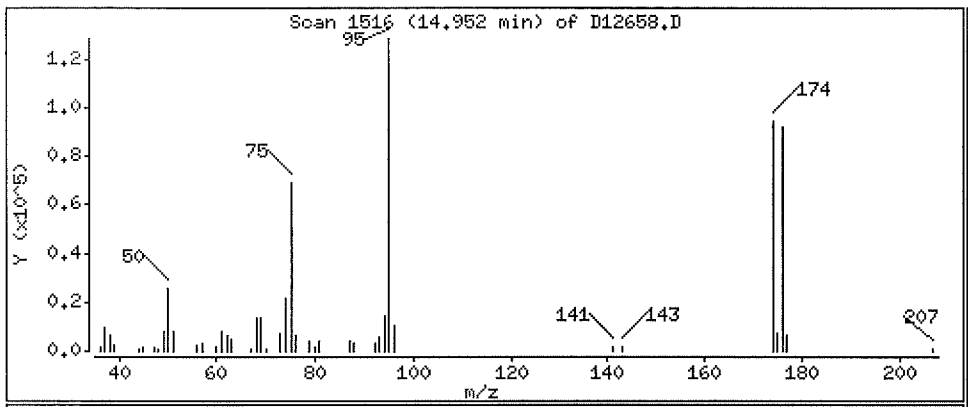
Operator: GFB

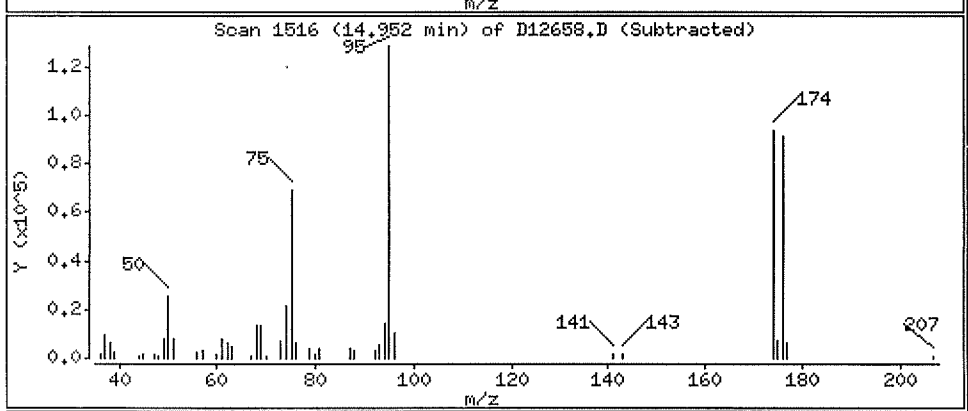
Column phase: J&W DB-624

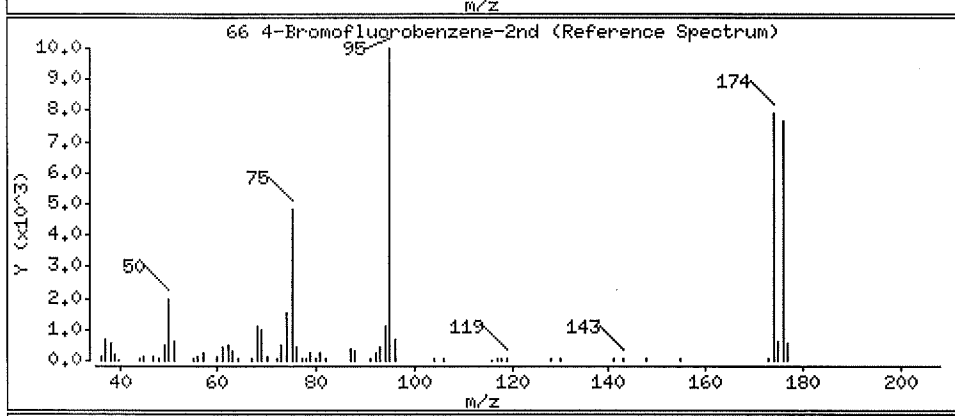
Column diameter: 0.53

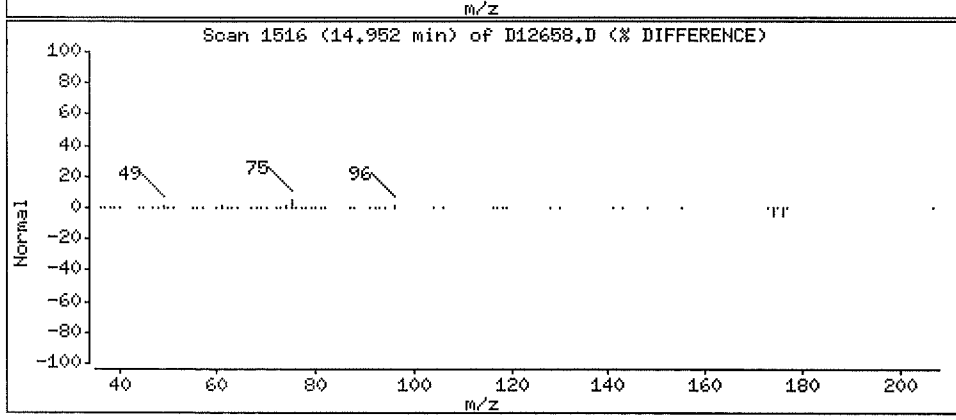
66 4-Bromofluorobenzene-2nd

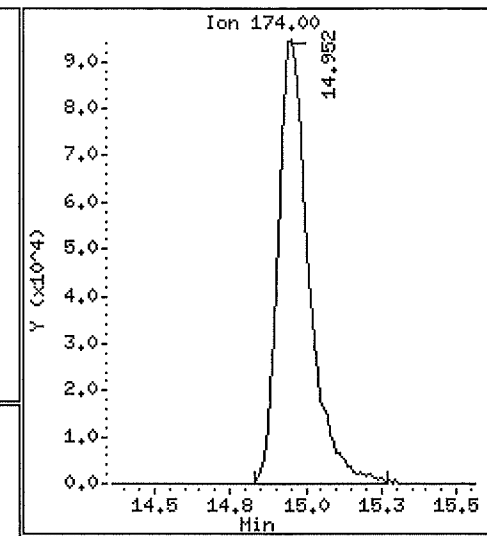
Concentration: 47.35 ug/Kg

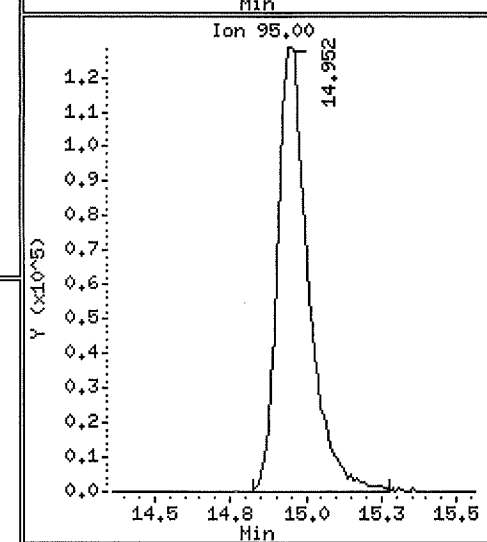


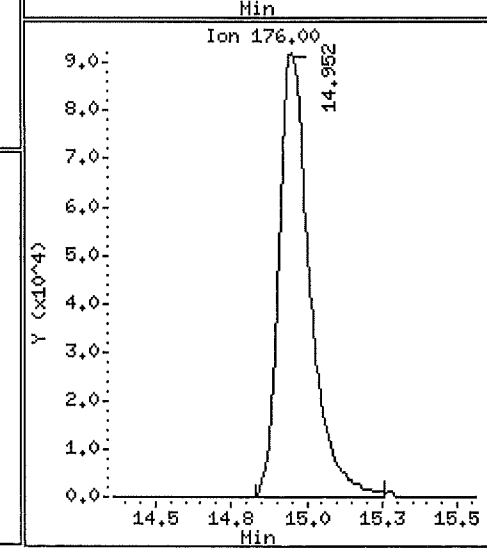












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12658.D

Date : 03-OCT-2000 00:41

Client ID: D12658

Instrument: md.i

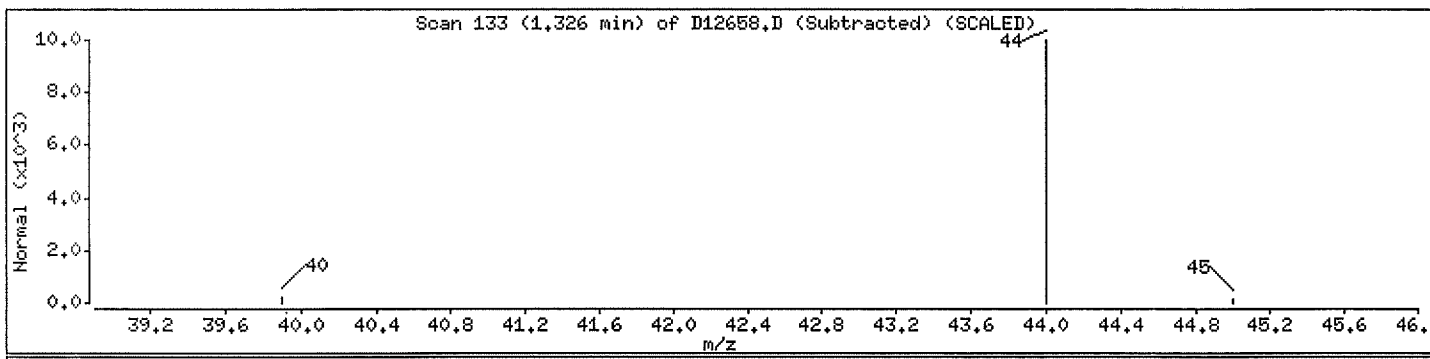
Sample Info: DL3HH101,,2,,0,1,0,8260BDA.M,D12658

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\1002BD.B\D12659.D
Lab Smp Id: DL3HJ101 Client Smp ID: D12659
Inj Date : 03-OCT-2000 01:12
Operator : GFB Inst ID: md.i
Smp Info : DL3HJ101,,2,,0,1,0,8260BDA.M,D12659
Misc Info : E0I260285-38,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.986	5.983	(0.844)	845013	49.5451	49.54	
$ 33 1,2-Dichloroethane-d4	65	6.528	6.525	(0.921)	593976	47.2994	47.30	
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.525	(0.919)	111721	41.6765	41.68	
* 38 Fluorobenzene	96	7.089	7.096	(1.000)	1258865	50.0000		
$ 47 Toluene-d8	98	9.917	9.924	(0.787)	1142655	46.0245	46.02	
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1120380	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.958	(0.866)	717020	47.5925	47.59	
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	965164	44.2928	44.29	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.273	(1.000)	789835	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\1002BD.B\D12659.D
Lab Smp Id: DL3HJ101 Client Smp ID: D12659
Inj Date : 03-OCT-2000 01:12
Operator : GFB Inst ID: md.i
Smp Info : DL3HJ101,,2,,0,1,0,8260BDA.M,D12659
Misc Info : E0I260285-38,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.089	2985574	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	507412	8.49772021	8.50	0		0	38

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STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3HJ101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12659
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 602	1.326	8.50	J

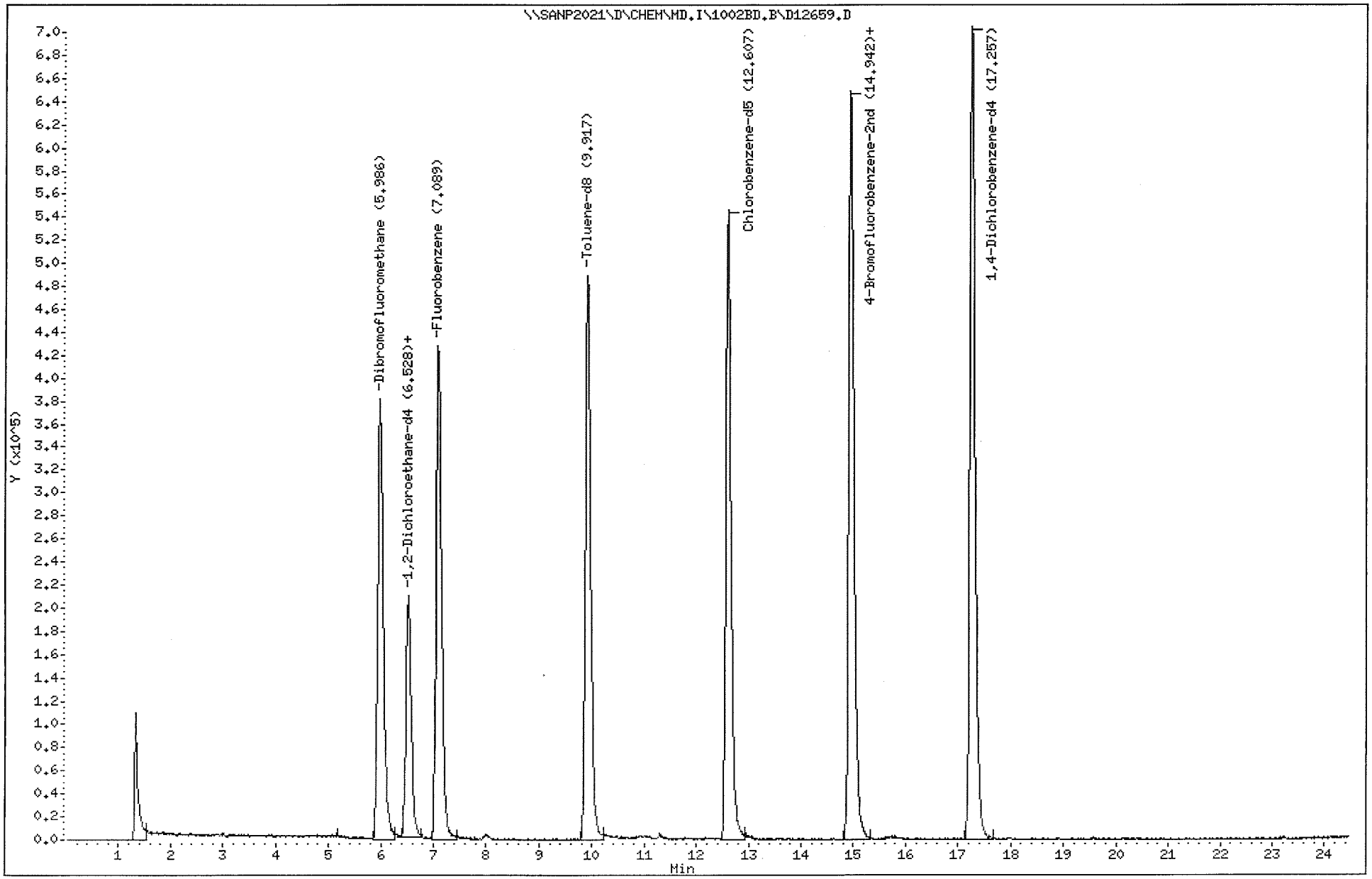
Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12659.D
Date : 03-OCT-2000 01:12
Client ID: D12659
Sample Info: DL3HJ101,,2,,0,1,0,8260BDA.M,D12659

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000953

BOE-C6-0156494

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12659.D

Date : 03-OCT-2000 01:12

Client ID: D12659

Instrument: md.i

Sample Info: DL3HJ101,,2,,0,1,0,8260BDA.M,D12659

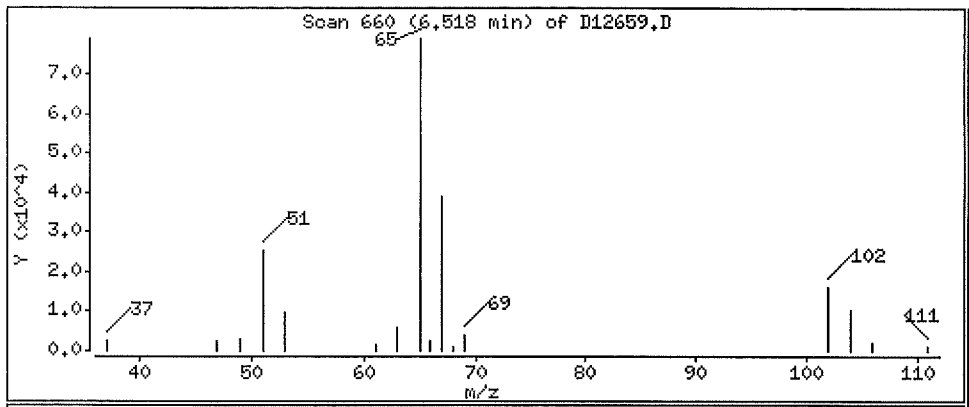
Operator: GFB

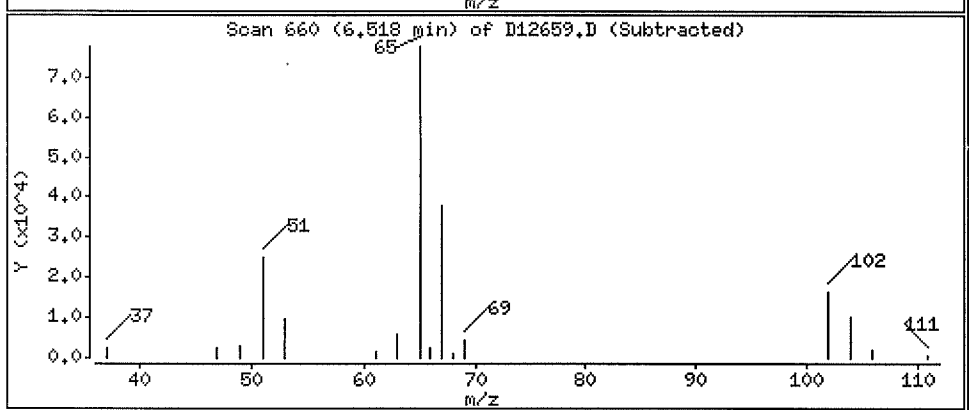
Column phase: J&W DB-624

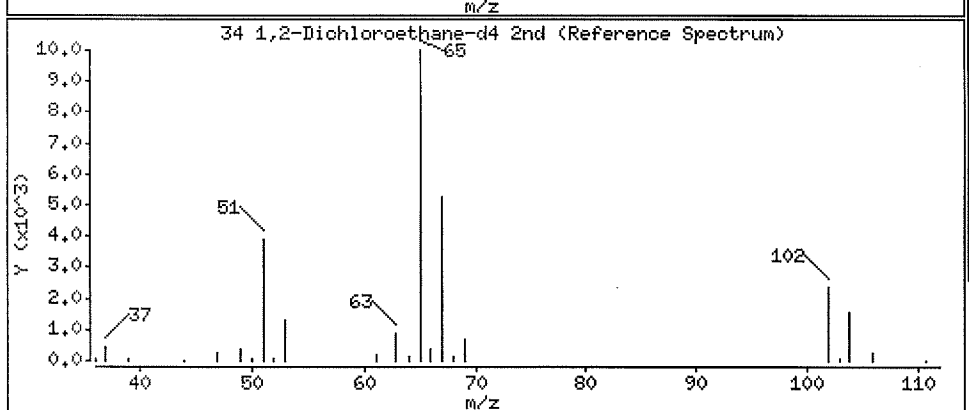
Column diameter: 0.53

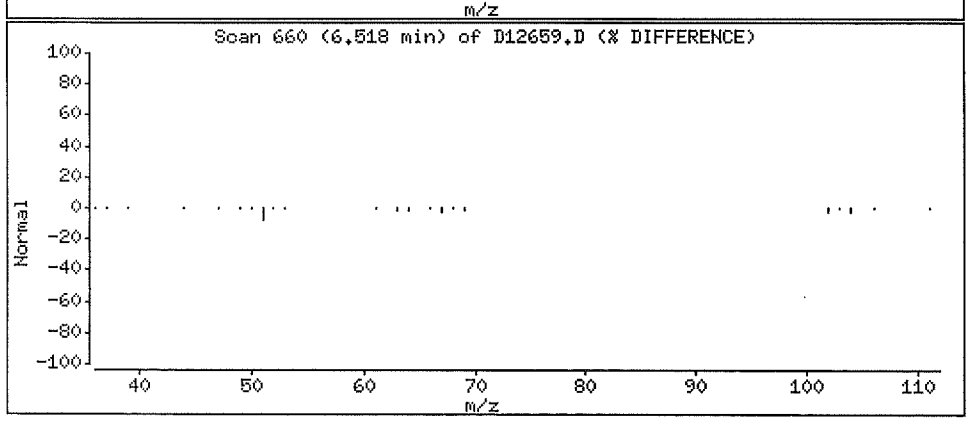
34 1,2-Dichloroethane-d4 2nd

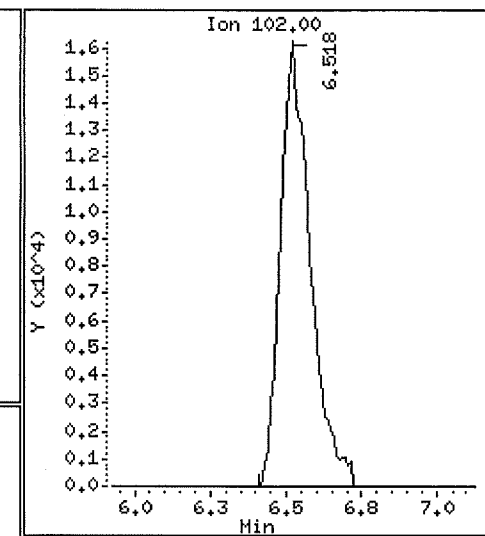
Concentration: 41.68 ug/Kg

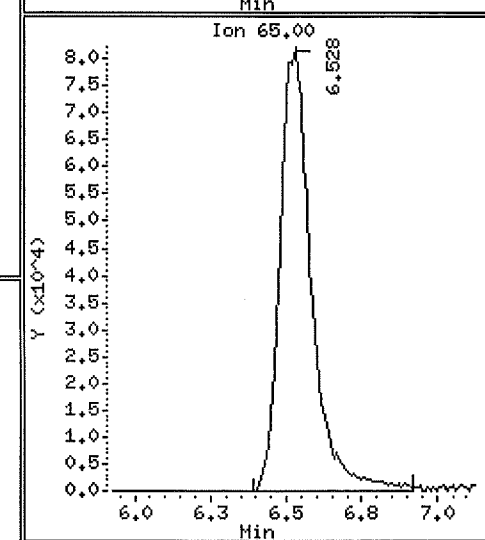












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12659.D

Date : 03-OCT-2000 01:12

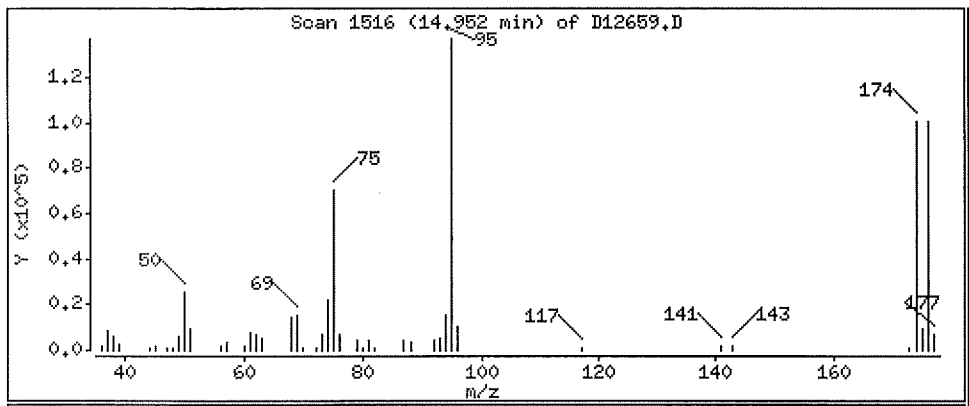
Client ID: D12659 Instrument: md.i

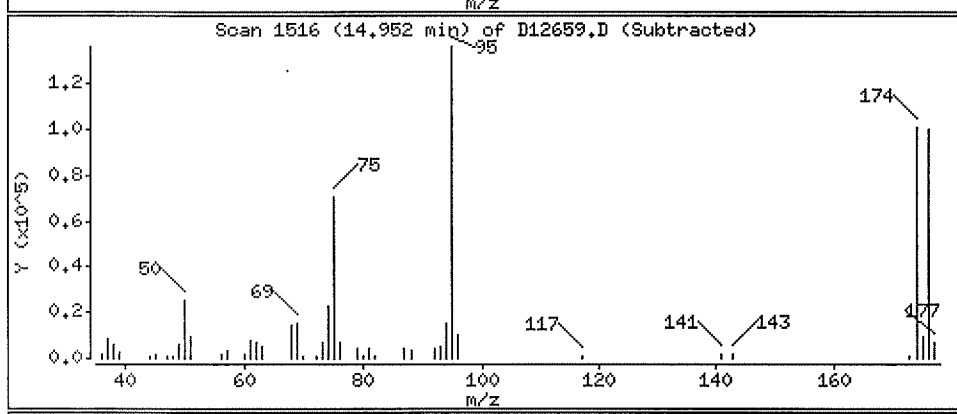
Sample Info: DL3HJ101,,2,,0,1,0,8260BDA.M,D12659

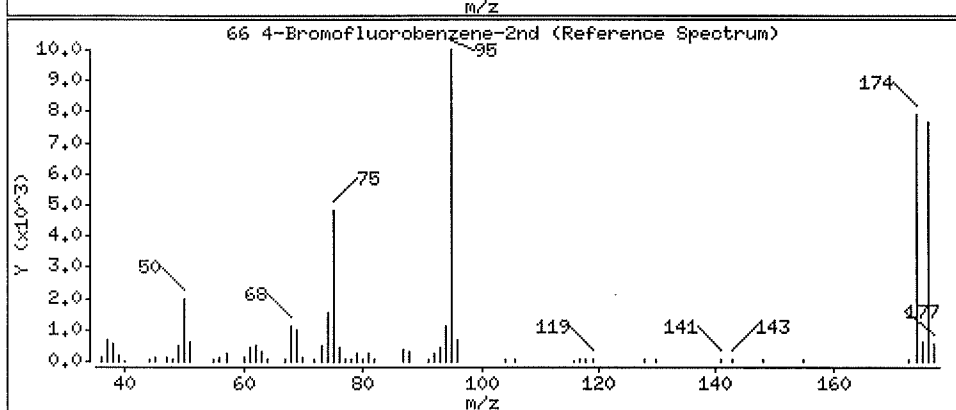
Operator: GFB

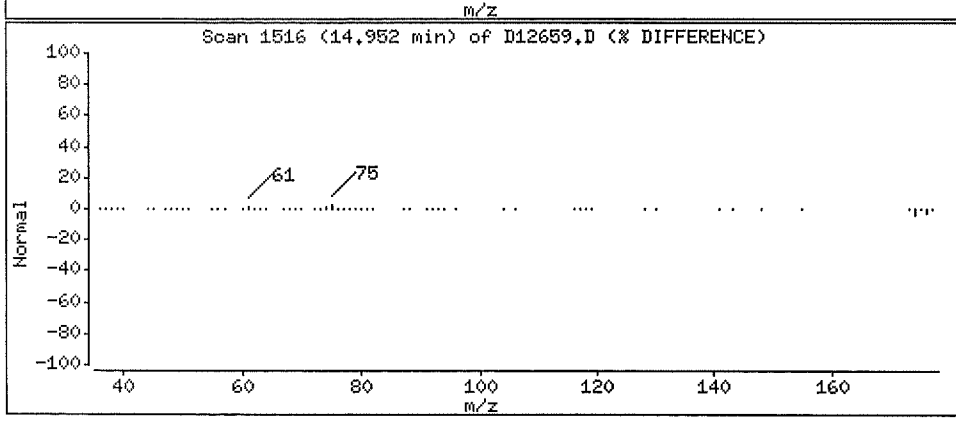
Column phase: J&W DB-624 Column diameter: 0.53

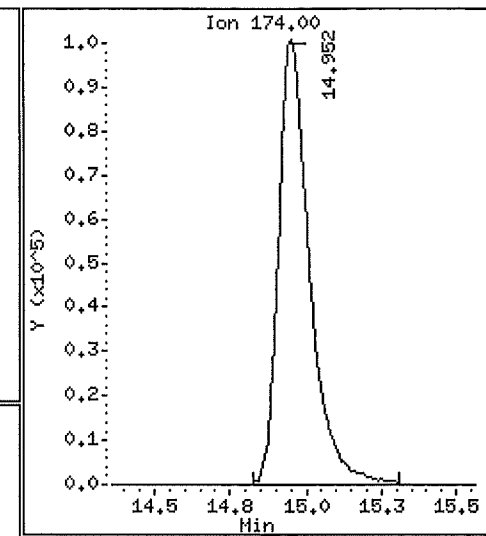
66 4-Bromofluorobenzene-2nd Concentration: 47.59 ug/Kg

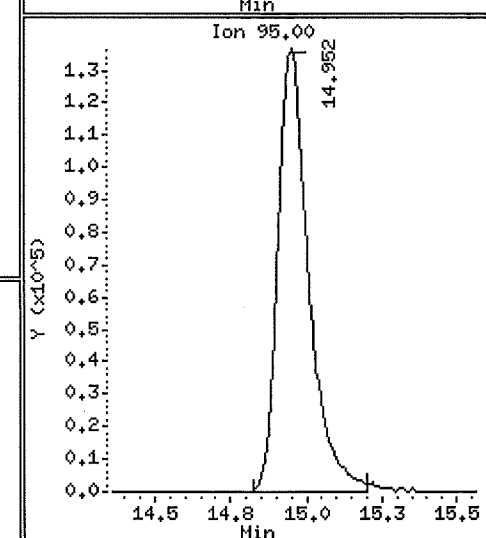


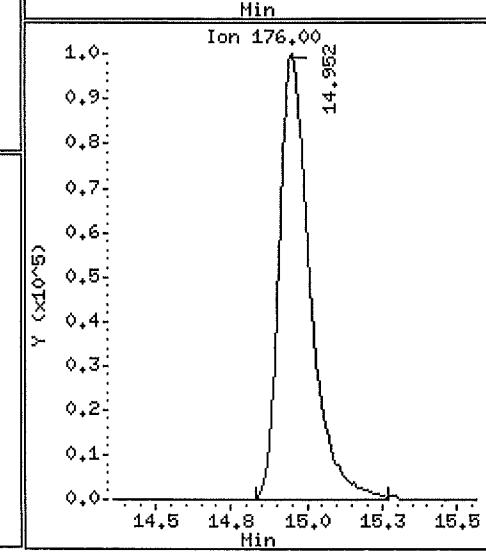












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12659.D

Date : 03-OCT-2000 01:12

Client ID: D12659

Instrument: md.i

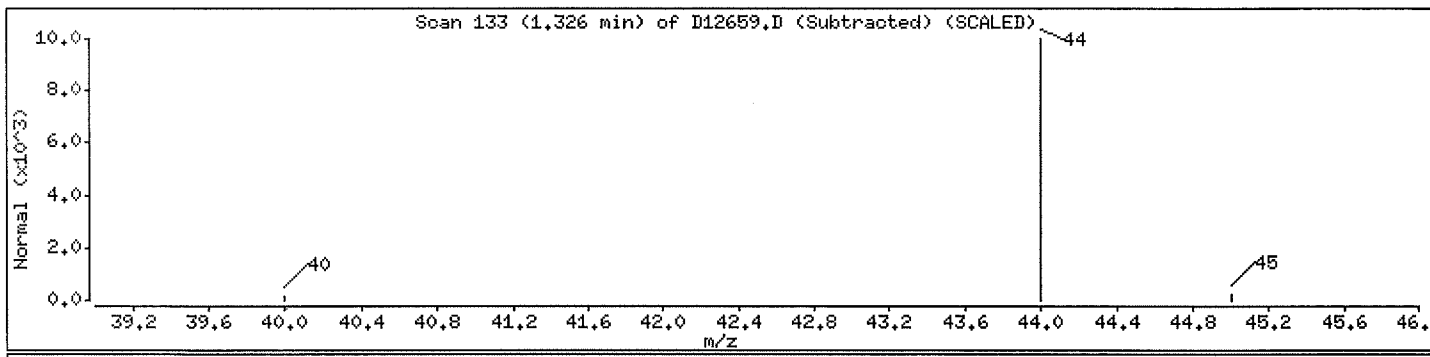
Sample Info: DL3HJ101,,2,,0,1,0,8260BDA.M,D12659

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\1002BD.B\D12660.D
Lab Smp Id: DL3HR101 Client Smp ID: D12660
Inj Date : 03-OCT-2000 01:44
Operator : GFB Inst ID: md.i
Smp Info : DL3HR101,,2,,0,1,0,8260BDA.M,D12660
Misc Info : E0I260285-42,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.987	5.983	(0.843)	825515	49.5157	49.52	
$ 33 1,2-Dichloroethane-d4	65	6.529	6.525	(0.920)	547065	44.5662	44.57	
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.525	(0.920)	103746	39.5919	39.59	
* 38 Fluorobenzene	96	7.100	7.096	(1.000)	1230549	50.0000		
$ 47 Toluene-d8	98	9.918	9.924	(0.787)	1127397	46.8296	46.83	
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1086416	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.958	(0.866)	681661	47.1057	47.10	
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	924871	44.1887	44.19	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.273	(1.000)	758646	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\1002BD.B\D12660.D
Lab Smp Id: DL3HR101 Client Smp ID: D12660
Inj Date : 03-OCT-2000 01:44
Operator : GFB Inst ID: md.i
Smp Info : DL3HR101,,2,,0,1,0,8260BDA.M,D12660
Misc Info : E0I260285-42,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.100	2865094	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	462911	8.07845594	8.08	0		0	38

Co2

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3HR101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12660
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 Lor	1.327	8.08	J

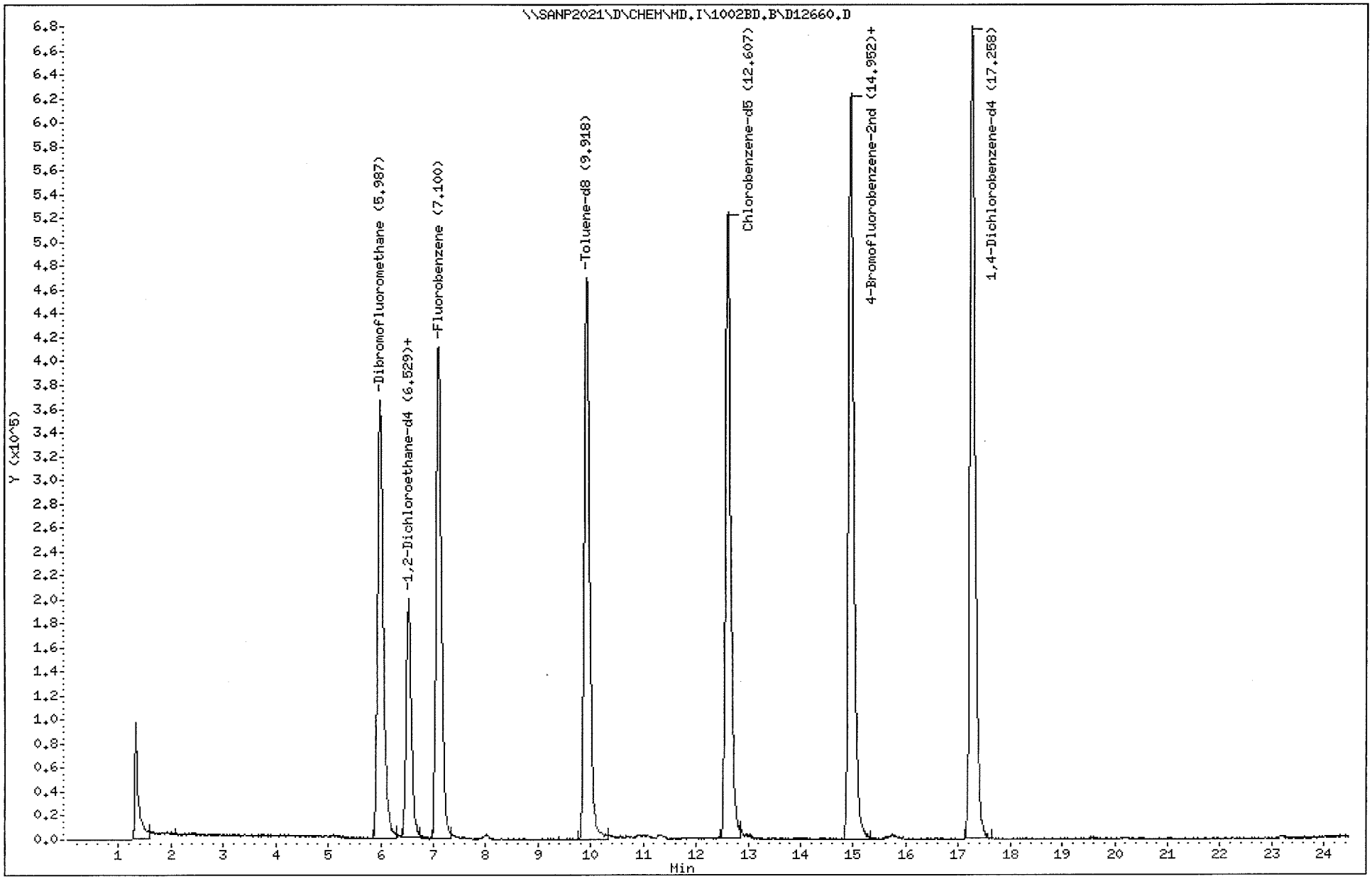
Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12660.D
Date : 03-OCT-2000 01:44
Client ID: D12660
Sample Info: DL3HR101,,2,,0,1,0,8260BDA.M,D12660

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0156501

000960

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12660.D

Date : 03-OCT-2000 01:44

Client ID: D12660

Instrument: md.i

Sample Info: DL3HR101,,2,,0,1,0,8260BDA.M,D12660

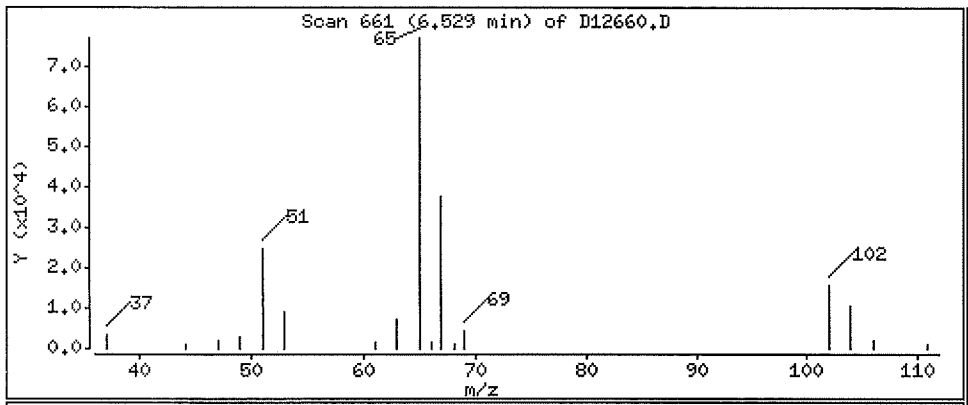
Operator: GFB

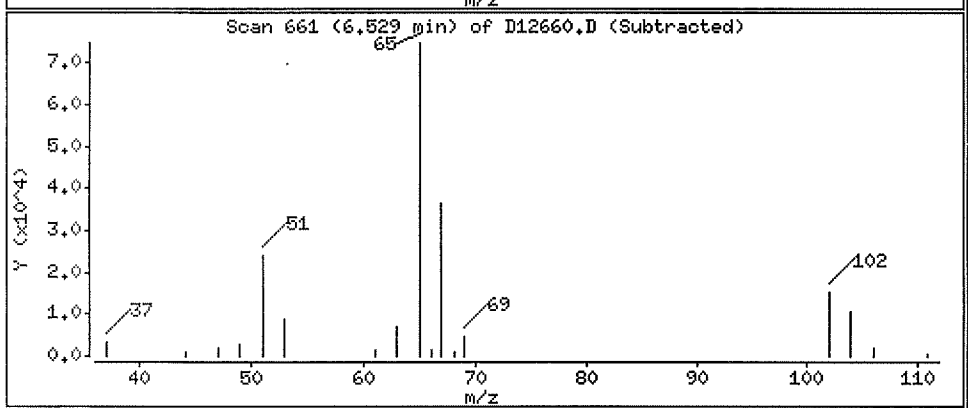
Column phase: J&W DB-624

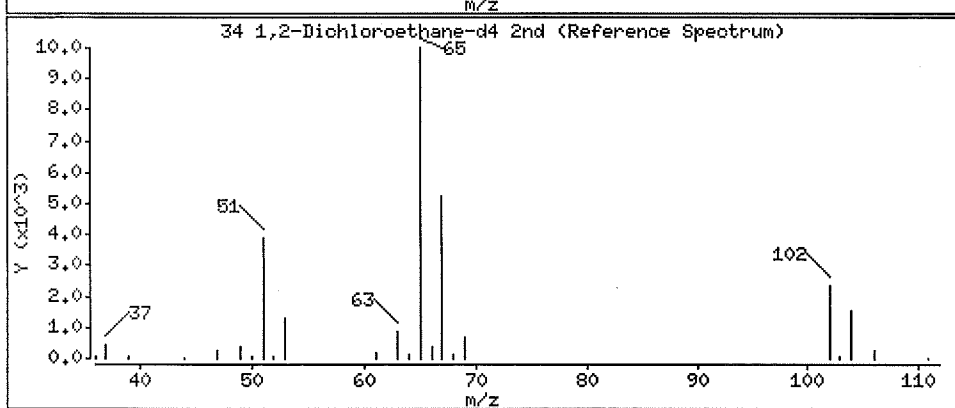
Column diameter: 0.53

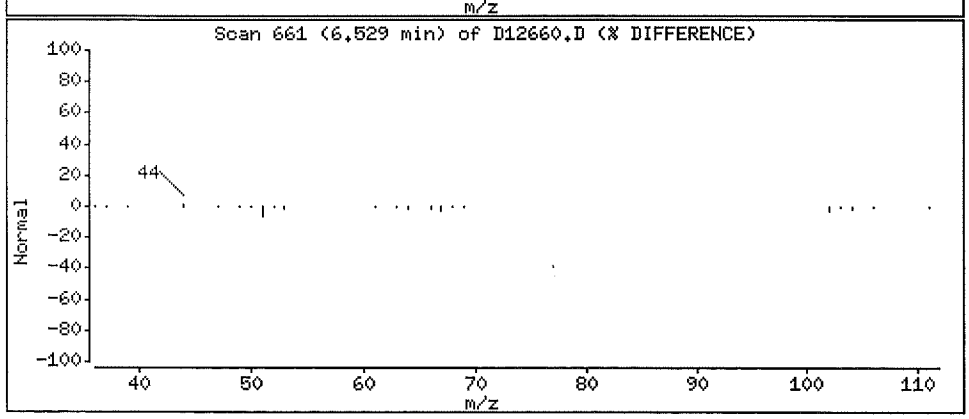
34 1,2-Dichloroethane-d4 2nd

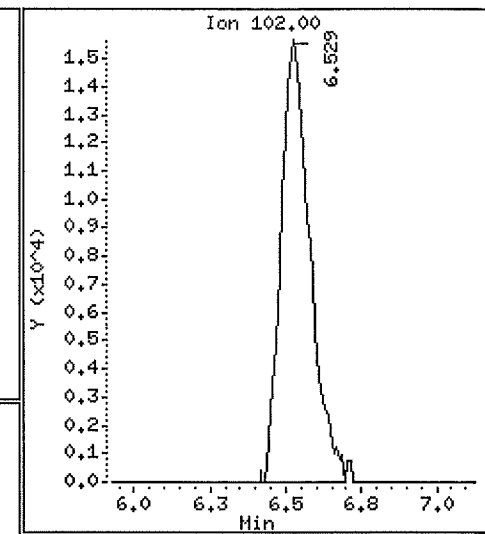
Concentration: 39.59 ug/Kg

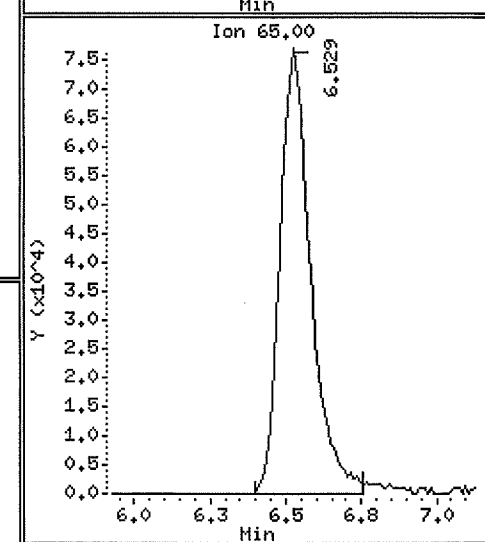












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12660.D

Date : 03-OCT-2000 01:44

Client ID: D12660

Instrument: md.i

Sample Info: DL3HR101,,2,,0,1,0,8260BDA.M,D12660

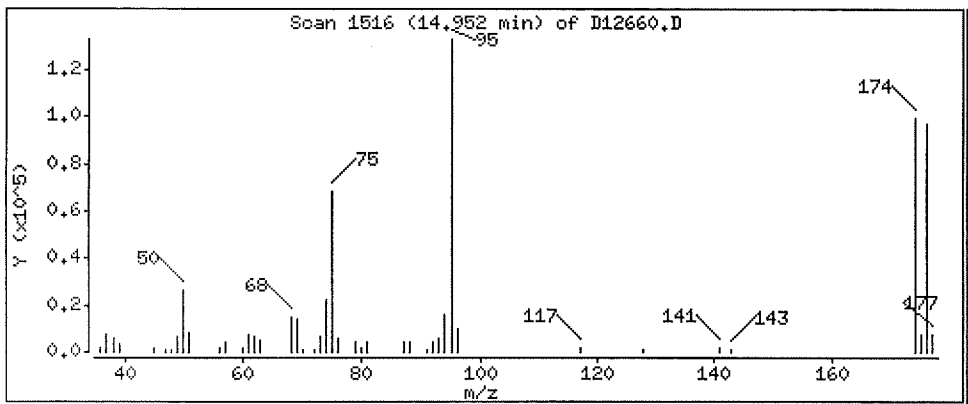
Operator: GFB

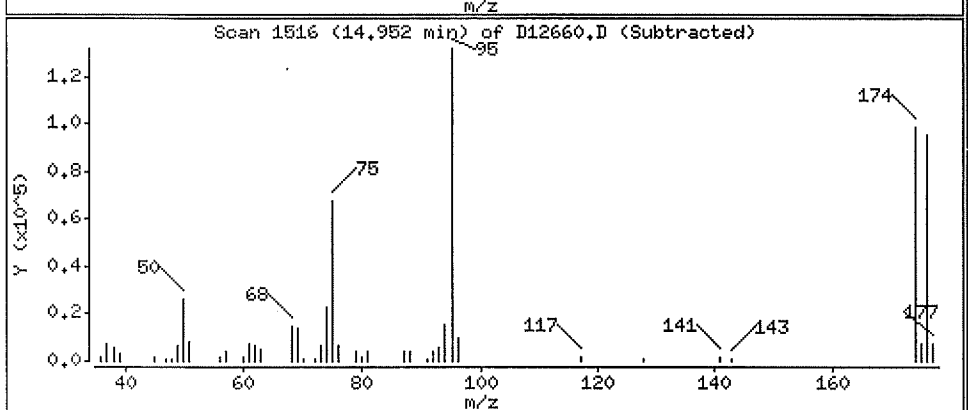
Column phase: J&W DB-624

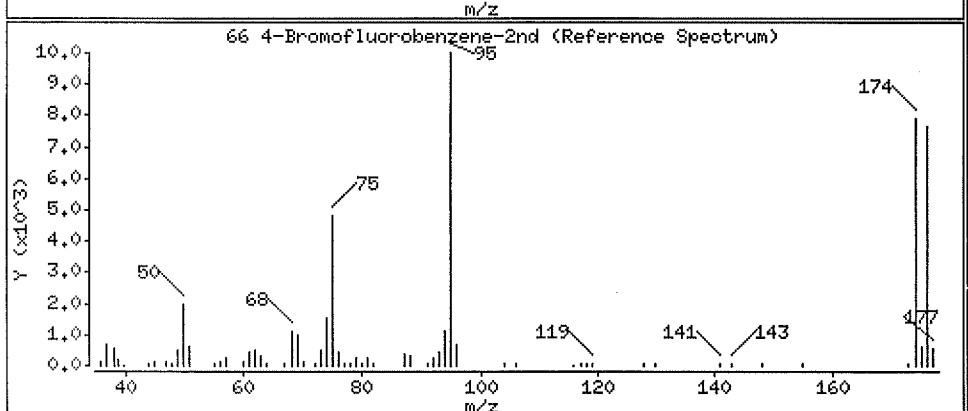
Column diameter: 0.53

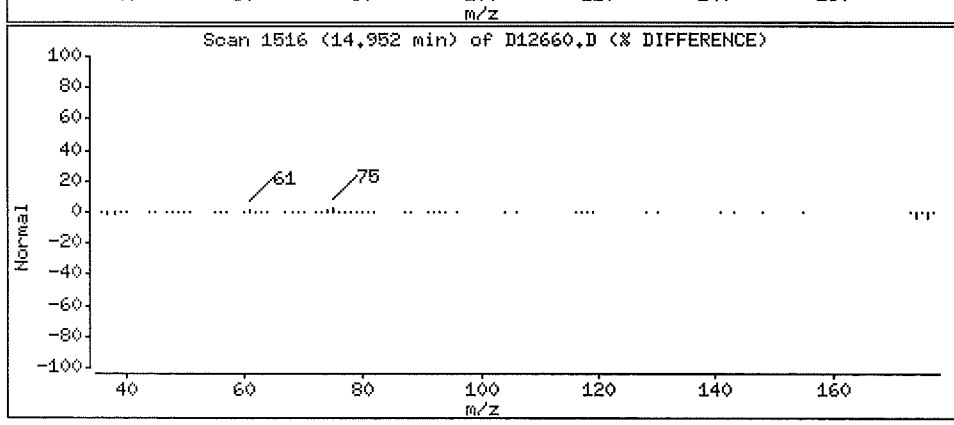
66 4-Bromofluorobenzene-2nd

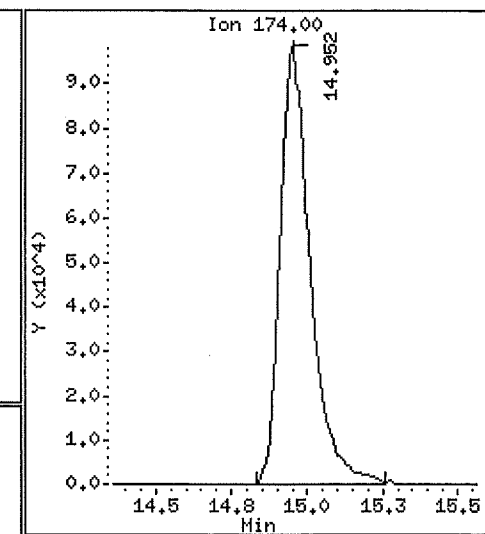
Concentration: 47.10 ug/Kg

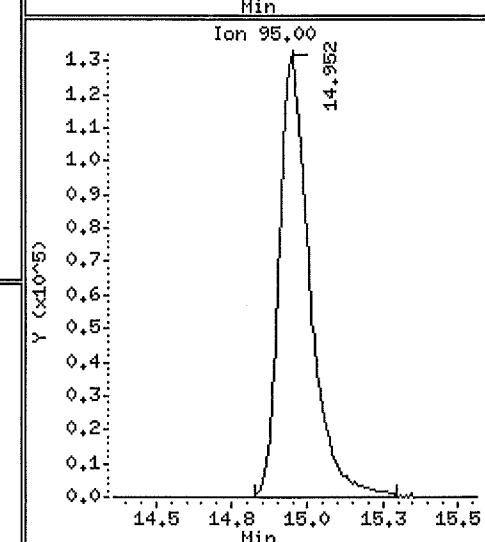


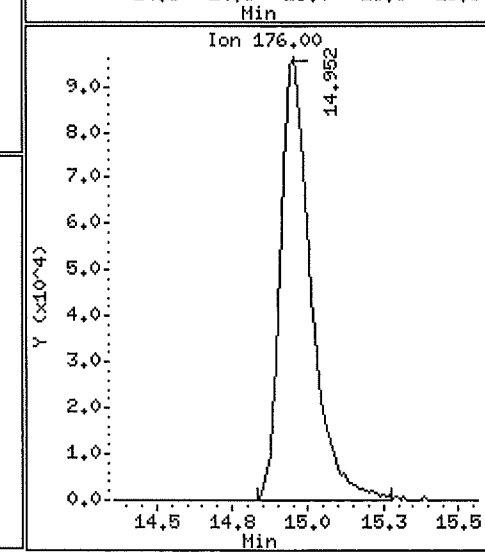












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12660.D

Date : 03-OCT-2000 01:44

Client ID: D12660

Instrument: md.i

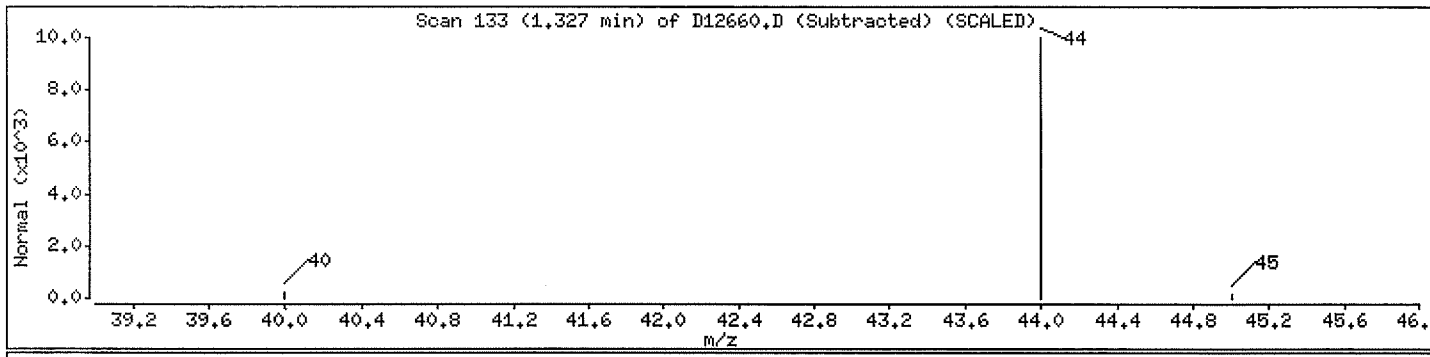
Sample Info: DL3HR101,,2,,0,1,0,8260BDA.M,D12660

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\1002BD.B\D12661.D
Lab Smp Id: DL3HW101 Client Smp ID: D12661
Inj Date : 03-OCT-2000 02:16
Operator : GFB Inst ID: md.i
Smp Info : DL3HW101,,2,,0,1,0,8260BDA.M,D12661
Misc Info : E0I260285-43,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.996	5.983	(0.845)	821349	50.7010	50.70	
$ 33 1,2-Dichloroethane-d4	65	6.518	6.525	(0.918)	562128	47.1274	47.13	
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.525	(0.920)	102149	40.1181	40.12	
* 38 Fluorobenzene	96	7.100	7.096	(1.000)	1195715	50.0000		
$ 47 Toluene-d8	98	9.917	9.924	(0.786)	1086800	46.4651	46.46	
* 56 Chlorobenzene-d5	117	12.617	12.613	(1.000)	1055510	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.962	14.958	(0.866)	640022	47.6035	47.60	
$ 67 4-Bromofluorobenzene	95	14.952	14.948	(0.866)	879335	45.2193	45.22	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.273	(1.000)	704855	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\1002BD.B\D12661.D
Lab Smp Id: DL3HW101 Client Smp ID: D12661
Inj Date : 03-OCT-2000 02:16
Operator : GFB Inst ID: md.i
Smp Info : DL3HW101,,2,,0,1,0,8260BDA.M,D12661
Misc Info : E0I260285-43,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.100	2825676	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	552398	9.77461354	9.77	0		0	38

C02

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3HW101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12661
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown COV	1.326	9.77	J

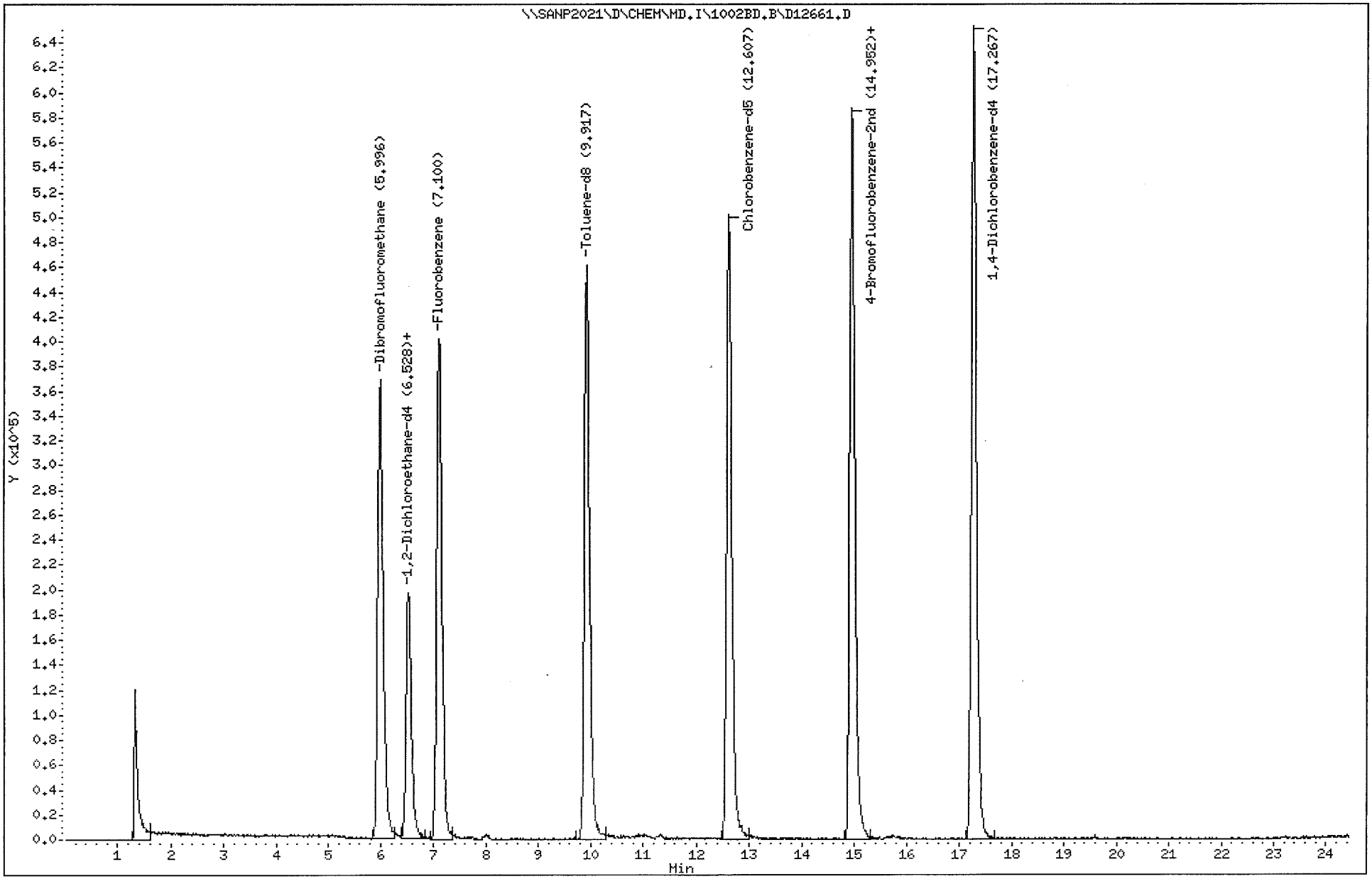
Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12661.D
Date : 03-OCT-2000 02:16
Client ID: D12661
Sample Info: DL3HW101,,2,,0,1,0,8260BDA.M,D12661

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0156508

000967

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12661.D

Date : 03-OCT-2000 02:16

Client ID: D12661

Instrument: md.i

Sample Info: DL3HW101,,2,,0,1,0,8260BDA.M,D12661

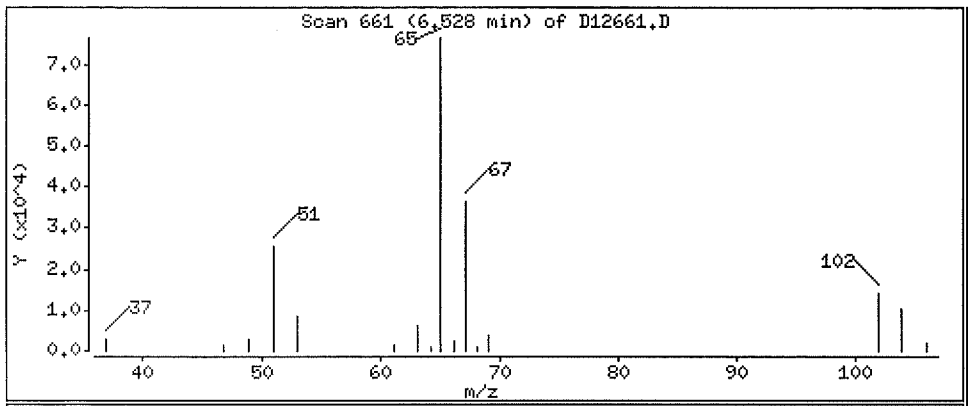
Operator: GFB

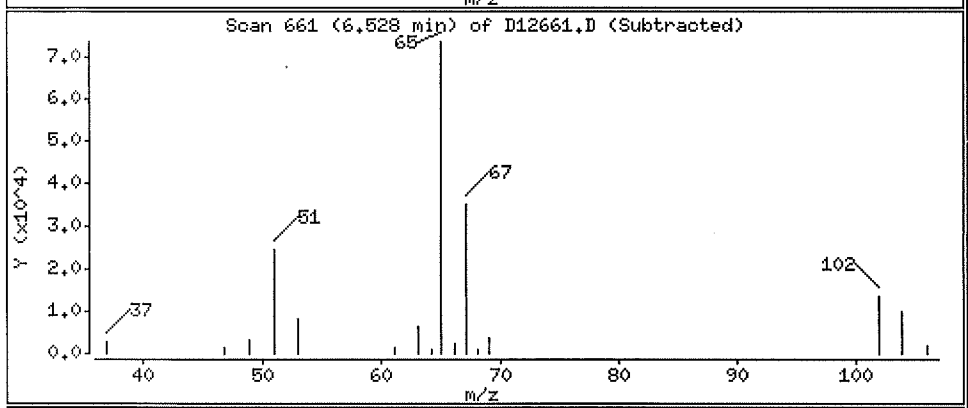
Column phase: J&W DB-624

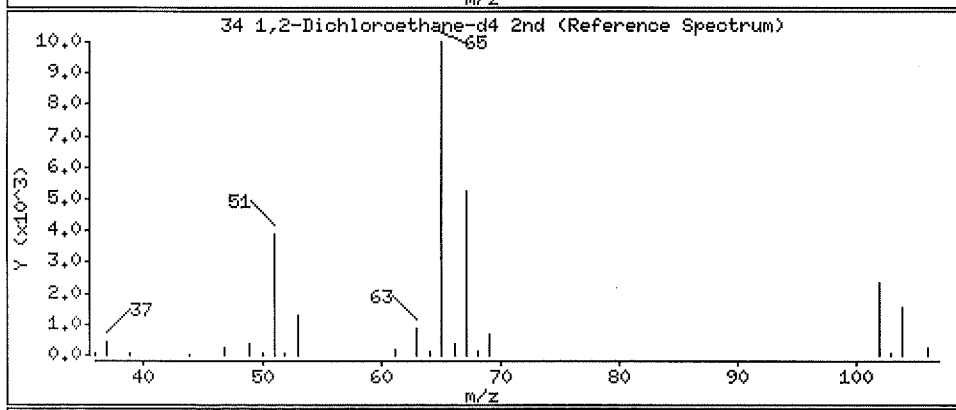
Column diameter: 0.53

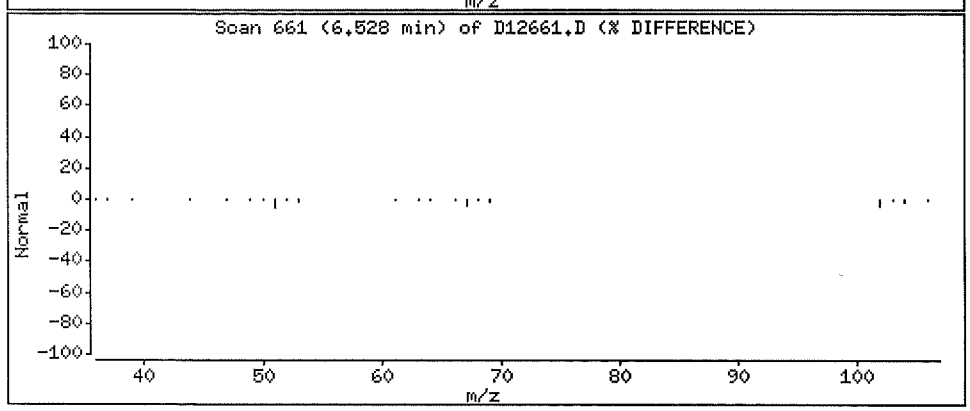
34 1,2-Dichloroethane-d4 2nd

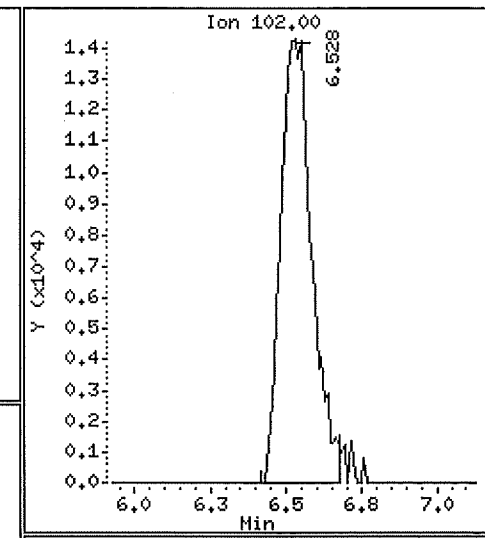
Concentration: 40.12 ug/Kg

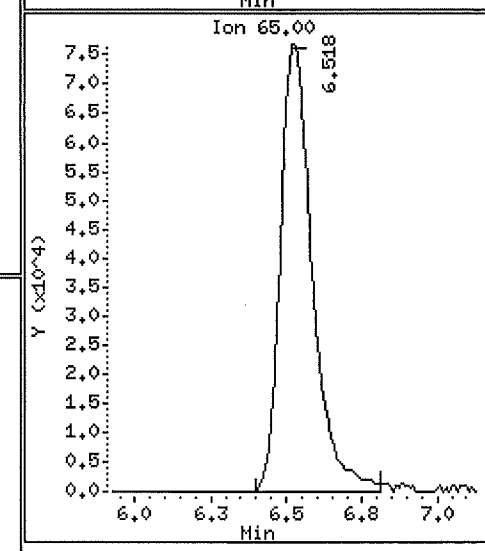












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12661.D

Date : 03-OCT-2000 02:16

Client ID: D12661

Instrument: md.i

Sample Info: DL3HW101,,2,,0,1,0,8260BDA.M,D12661

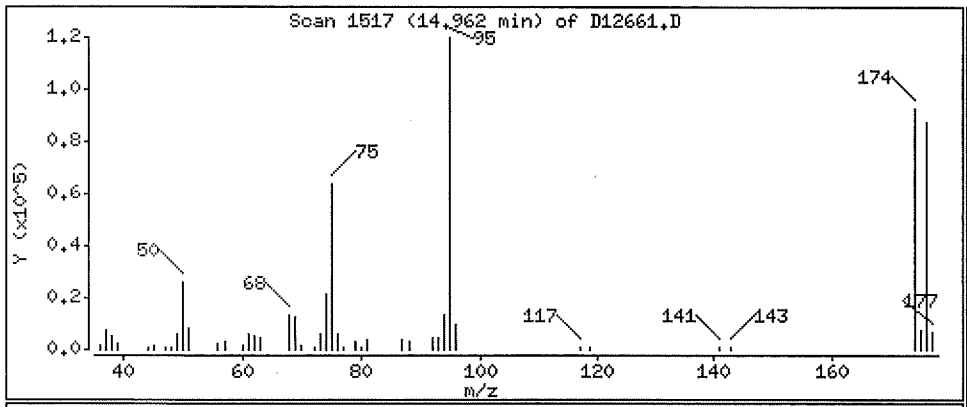
Operator: GFB

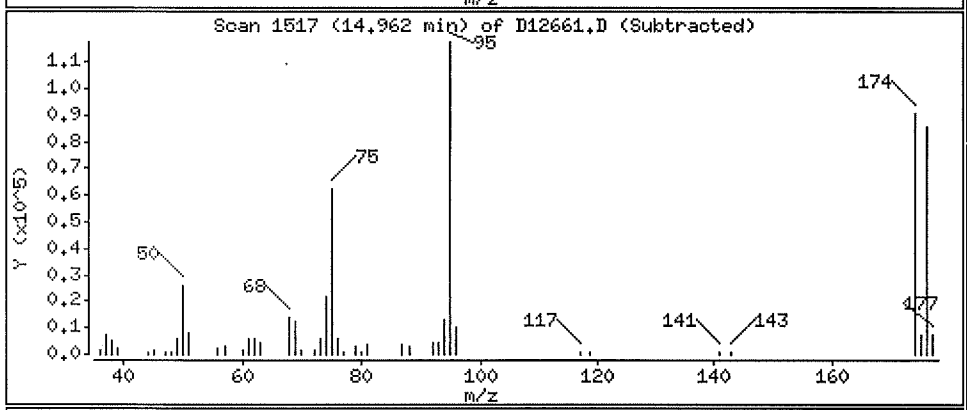
Column phase: J&W DB-624

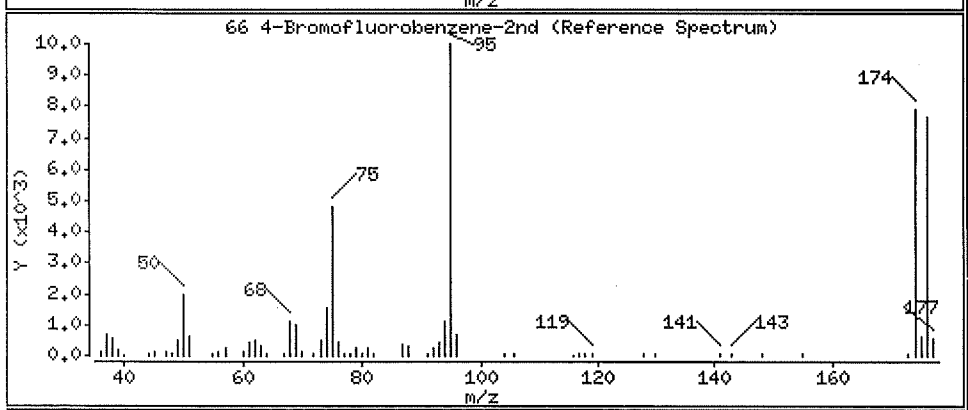
Column diameter: 0.53

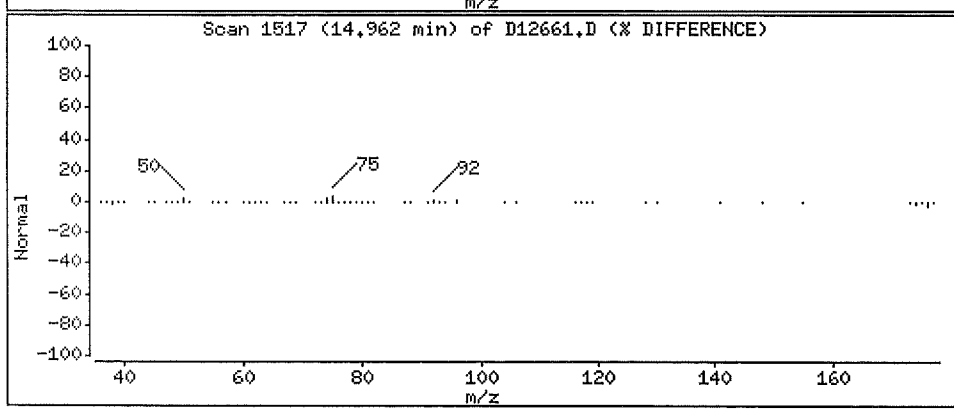
66 4-Bromofluorobenzene-2nd

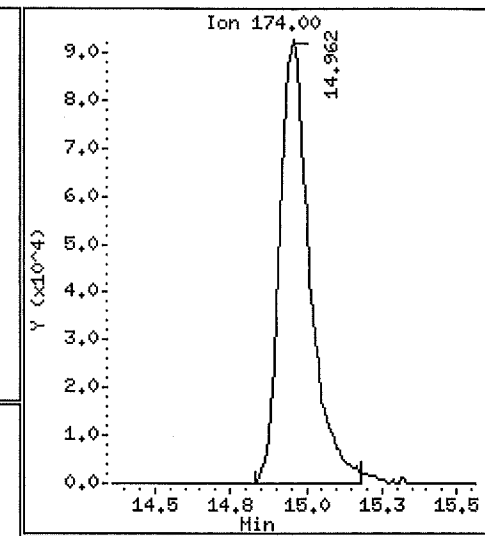
Concentration: 47.60 ug/Kg

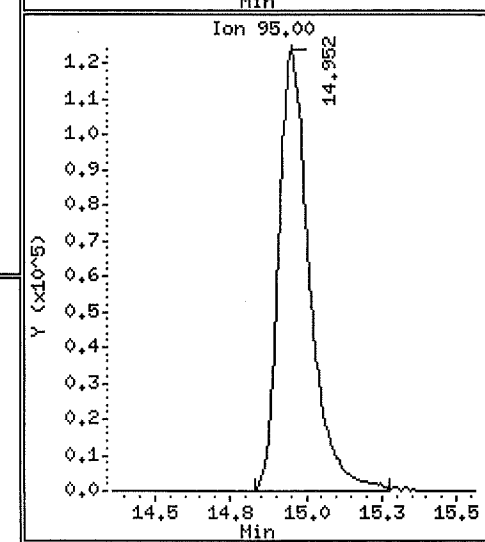


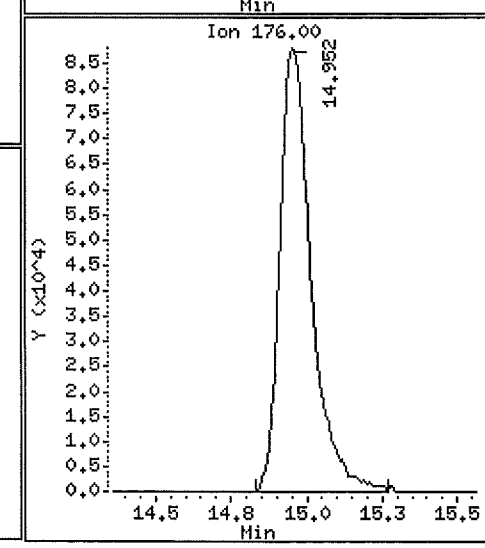












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12661.D

Date : 03-OCT-2000 02:16

Client ID: D12661

Instrument: md.i

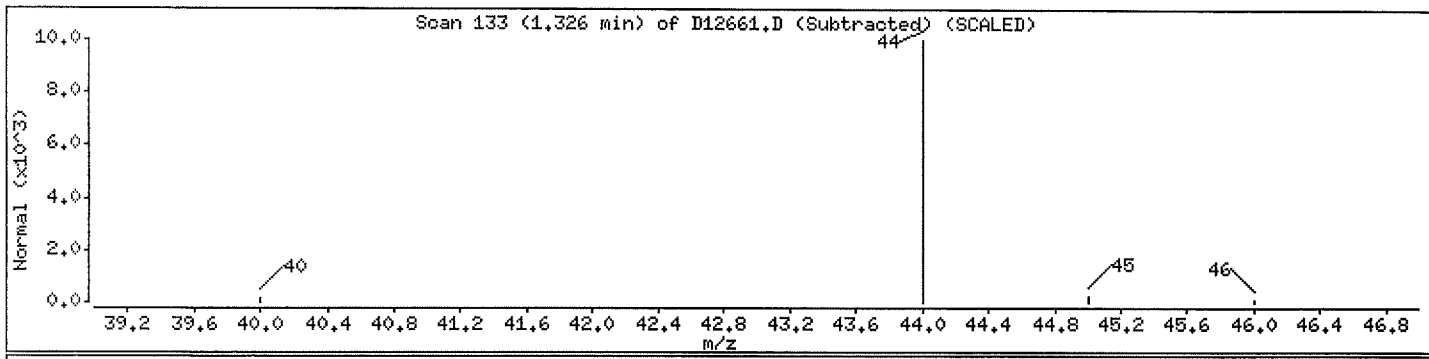
Sample Info: DL3HW101,,2,,0,1,0,8260BDA.M,D12661

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\1002BD.B\D12662.D
Lab Smp Id: DL3J1101 Client Smp ID: D12662
Inj Date : 03-OCT-2000 02:48
Operator : GFB Inst ID: md.i
Smp Info : DL3J1101,,2,,0,1,0,8260BDA.M,D12662
Misc Info : E0I260285-44,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.986	5.983	(0.843)	835237	50.1398	50.14	
$ 33 1,2-Dichloroethane-d4	65	6.518	6.525	(0.918)	568529	46.3527	46.35	
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.525	(0.918)	106685	40.7471	40.75	
* 38 Fluorobenzene	96	7.099	7.096	(1.000)	1229543	50.0000		
$ 47 Toluene-d8	98	9.927	9.924	(0.787)	1138209	47.2832	47.28	
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1086313	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.942	14.958	(0.866)	689640	46.6596	46.66	
$ 67 4-Bromofluorobenzene	95	14.962	14.948	(0.867)	928934	43.4538	43.45	
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.273	(1.000)	774864	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\1002BD.B\D12662.D
Lab Smp Id: DL3J1101 Client Smp ID: D12662
Inj Date : 03-OCT-2000 02:48
Operator : GFB Inst ID: md.i
Smp Info : DL3J1101,,2,,0,1,0,8260BDA.M,D12662
Misc Info : E0I260285-44,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 ramirezr Quant Type: ISTD
Cal Date : 06-SEP-2000 13:13 Cal File: DS2468.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.099	2925406	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	487830	8.33782140	8.34	0		0	38

CO2

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3J1101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12662
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 cor	1.316	8.34	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12662.D

Date : 03-OCT-2000 02:48

Client ID: D12662

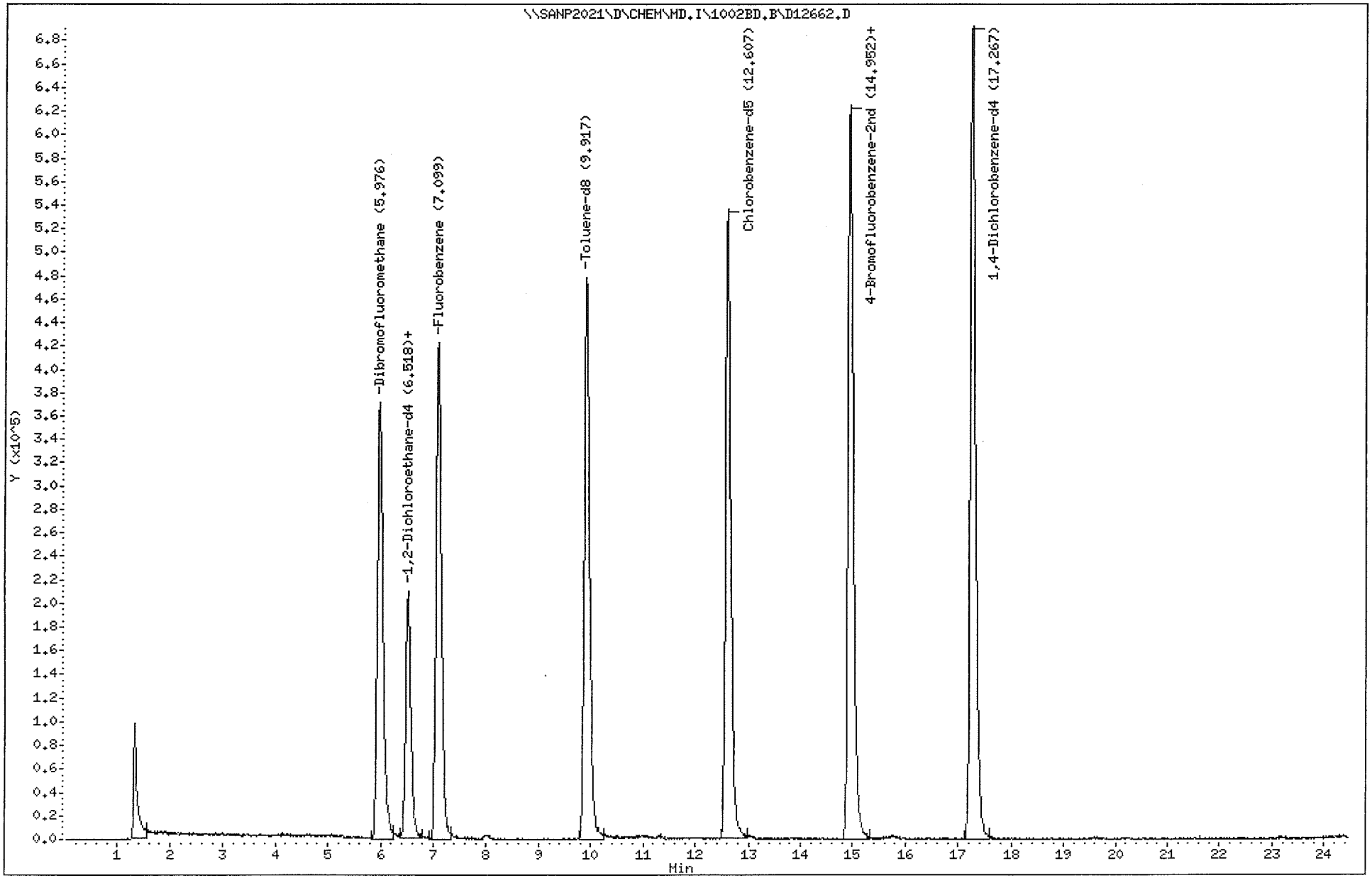
Sample Info: DL3J1101,,2,,0,1,0,8260BDA.M,D12662

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000974

BOE-C6-0156515

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12662.D

Date : 03-OCT-2000 02:48

Client ID: D12662

Instrument: md.i

Sample Info: DL3J1101,,2,,0,1,0,8260BDA.M,D12662

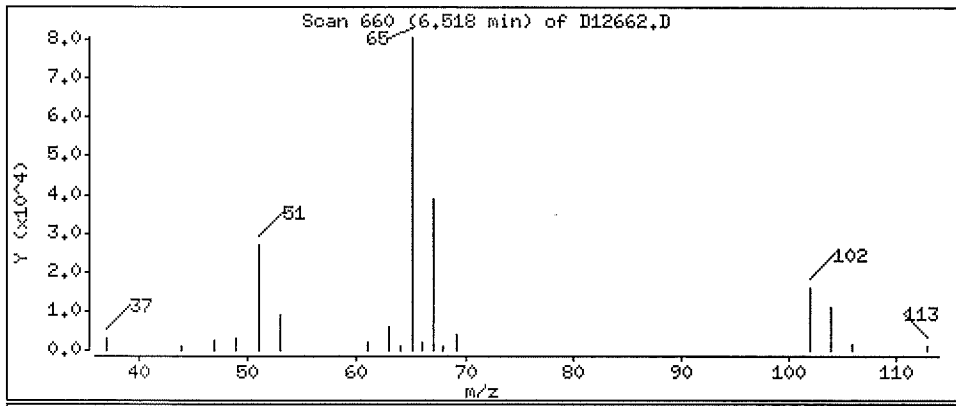
Operator: GFB

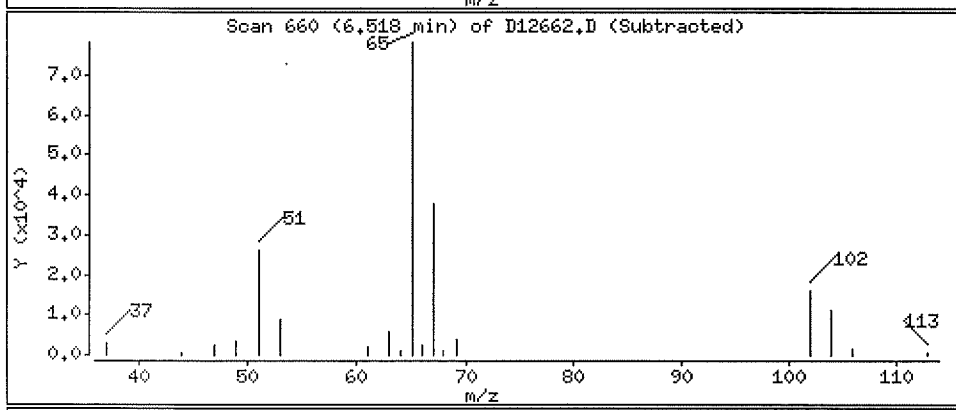
Column phase: J&W DB-624

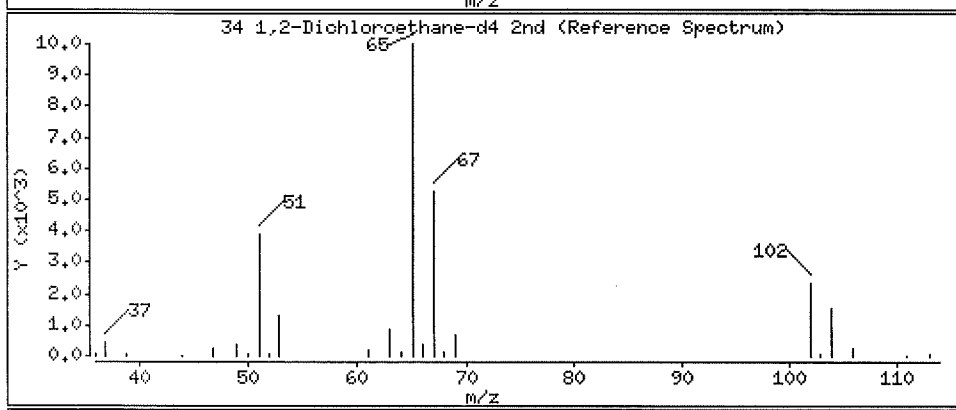
Column diameter: 0.53

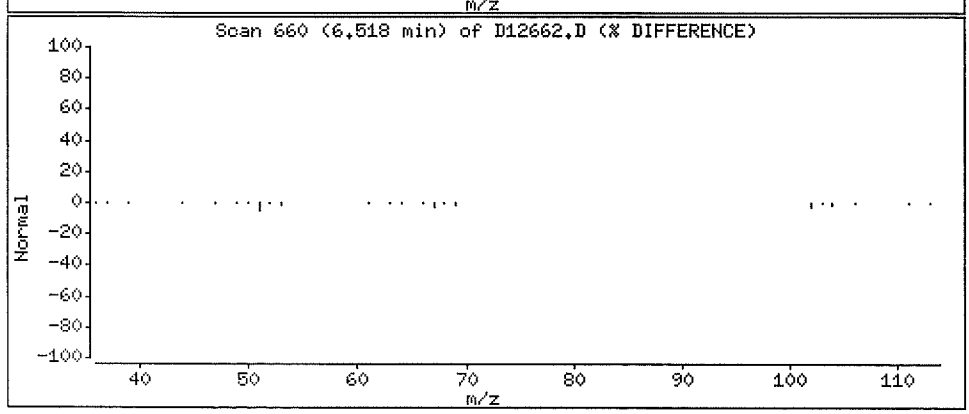
34 1,2-Dichloroethane-d4 2nd

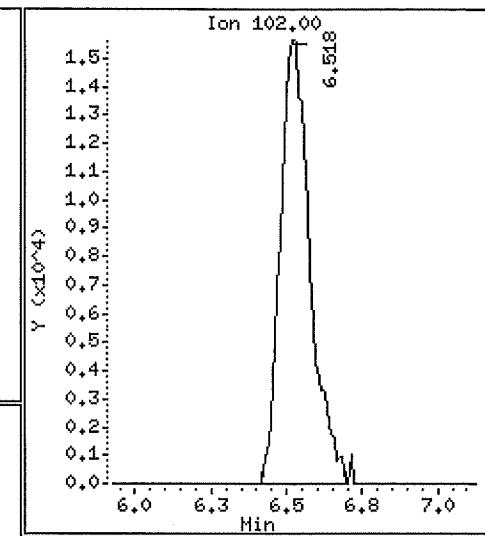
Concentration: 40.75 ug/Kg

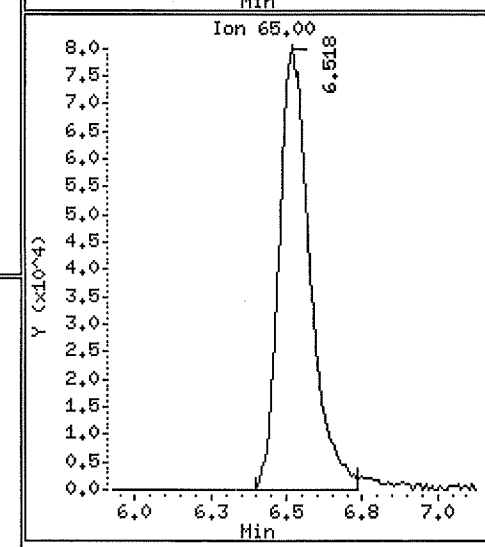












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12662.D

Date : 03-OCT-2000 02:48

Client ID: D12662

Instrument: md.i

Sample Info: DL3J1101,,2,,0,1,0,8260BDA.M,D12662

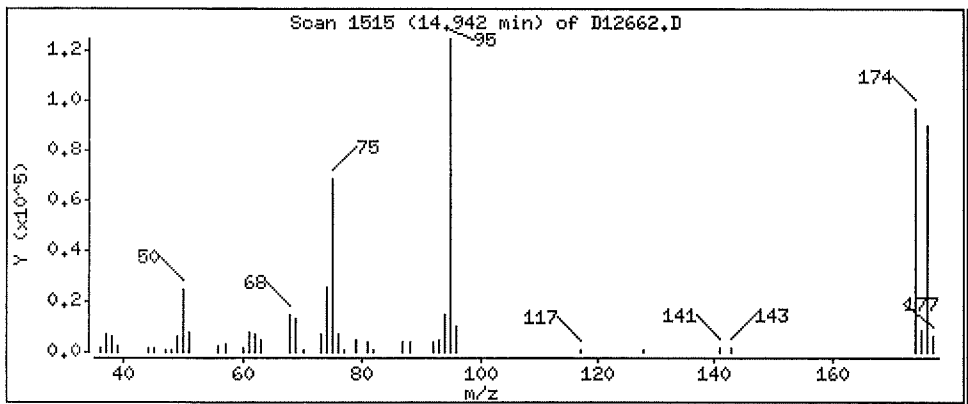
Operator: GFB

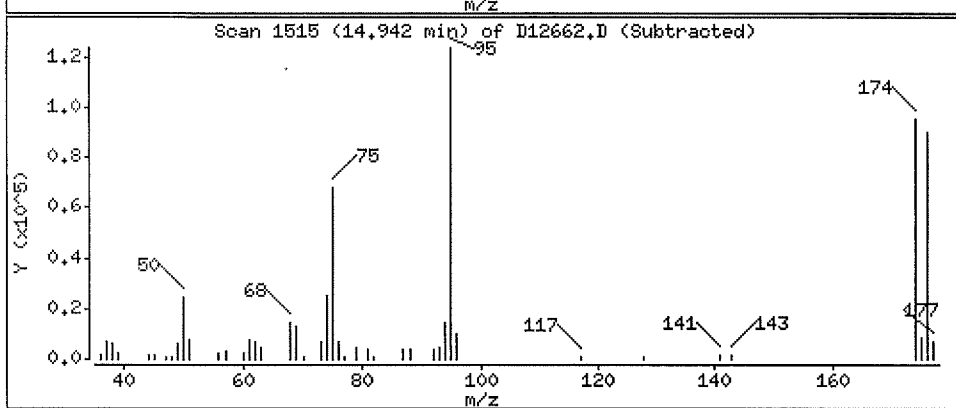
Column phase: J&W DB-624

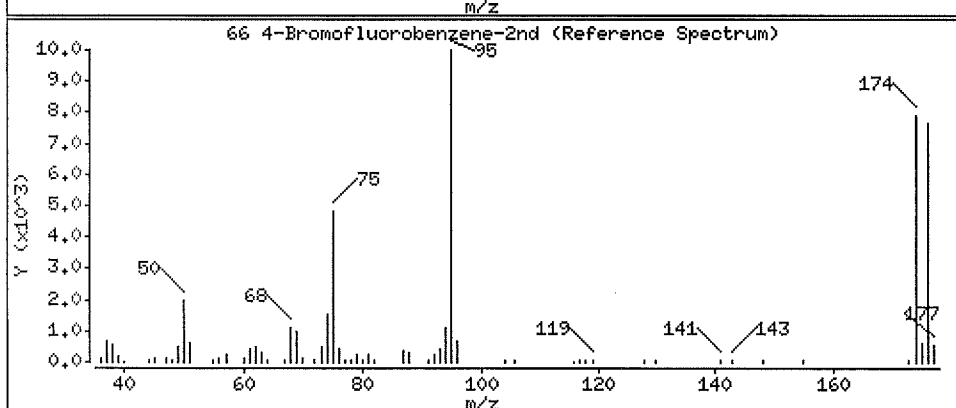
Column diameter: 0.53

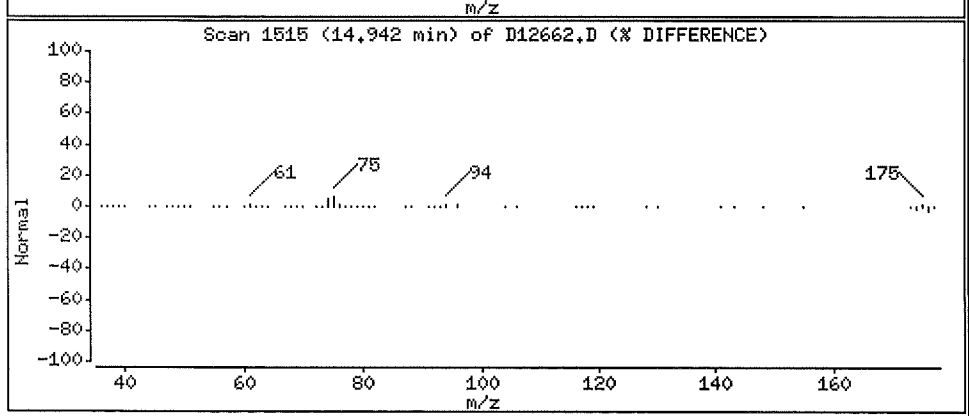
66 4-Bromofluorobenzene-2nd

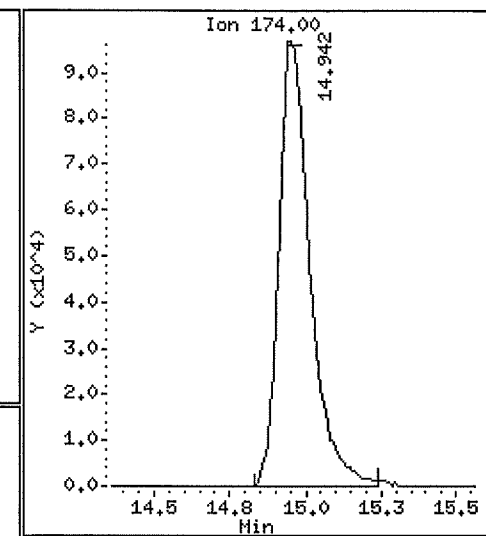
Concentration: 46.66 ug/Kg

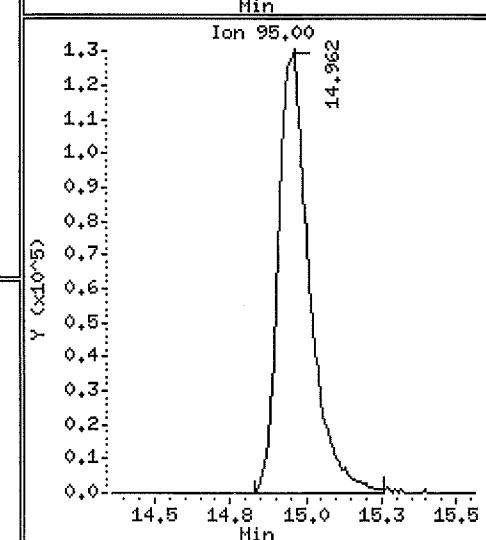


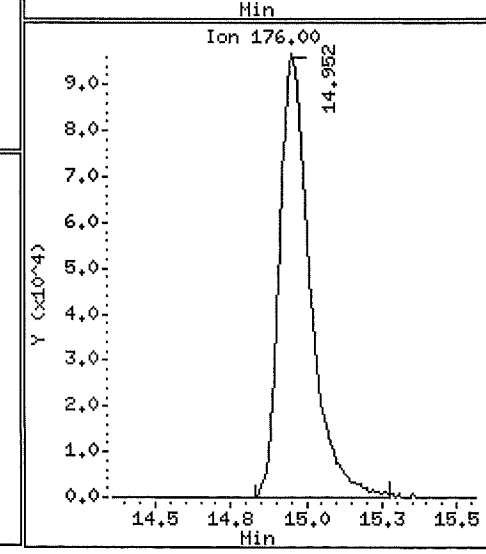












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12662.D

Date : 03-OCT-2000 02:48

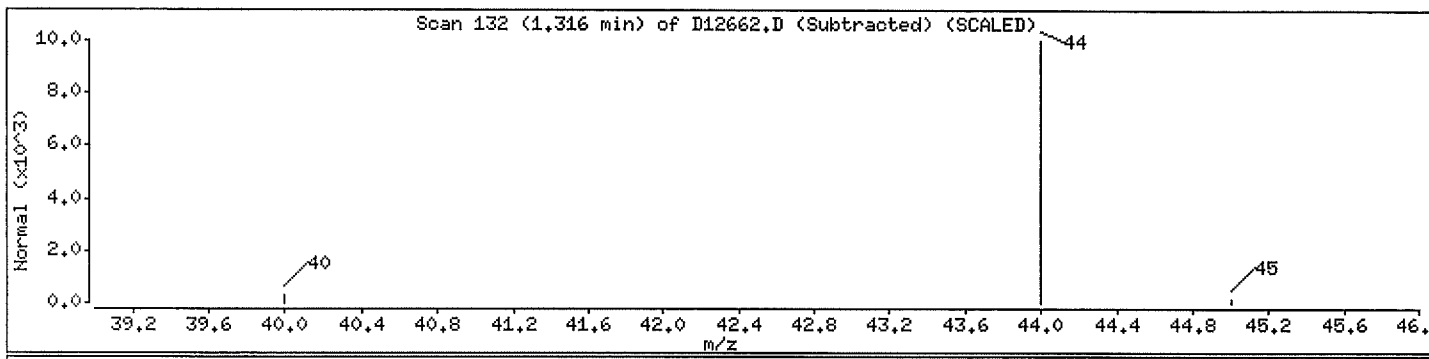
Client ID: D12662 Instrument: md.i

Sample Info: DL3J1101,,2,,0,1,0,8260BDA.M,D12662

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\1002BD.B\D12665.D
Lab Smp Id: DL3J2101 Client Smp ID: D12665
Inj Date : 03-OCT-2000 04:23
Operator : GFB Inst ID: md.i
Smp Info : DL3J2101,,2,,0,1,0,8260BDA.M,D12665
Misc Info : E0I260285-45,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.979	5.983	(0.843)	855210	49.4136	49.41	
$ 33 1,2-Dichloroethane-d4	65	6.521	6.525	(0.919)	584338	45.8550	45.85	
34 1,2-Dichloroethane-d4 2nd	102	6.531	6.525	(0.921)	108673	39.9497	39.95	
* 38 Fluorobenzene	96	7.092	7.096	(1.000)	1277448	50.0000		
$ 47 Toluene-d8	98	9.920	9.924	(0.787)	1167785	47.4987	47.50	
* 56 Chlorobenzene-d5	117	12.600	12.613	(1.000)	1109483	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.954	14.958	(0.866)	694544	48.6503	48.65	
$ 67 4-Bromofluorobenzene	95	14.954	14.948	(0.866)	951172	46.0649	46.06	
* 79 1,4-Dichlorobenzene-d4	152	17.260	17.273	(1.000)	748442	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\1002BD.B\D12665.D
Lab Smp Id: DL3J2101 Client Smp ID: D12665
Inj Date : 03-OCT-2000 04:23
Operator : GFB Inst ID: md.i
Smp Info : DL3J2101,,2,,0,1,0,8260BDA.M,D12665
Misc Info : E0I260285-45,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.092	3032781	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.319	640648	10.5620491	10.56	0		0	38

COV

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3J2101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12665
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown COV	1.319	10.56	J

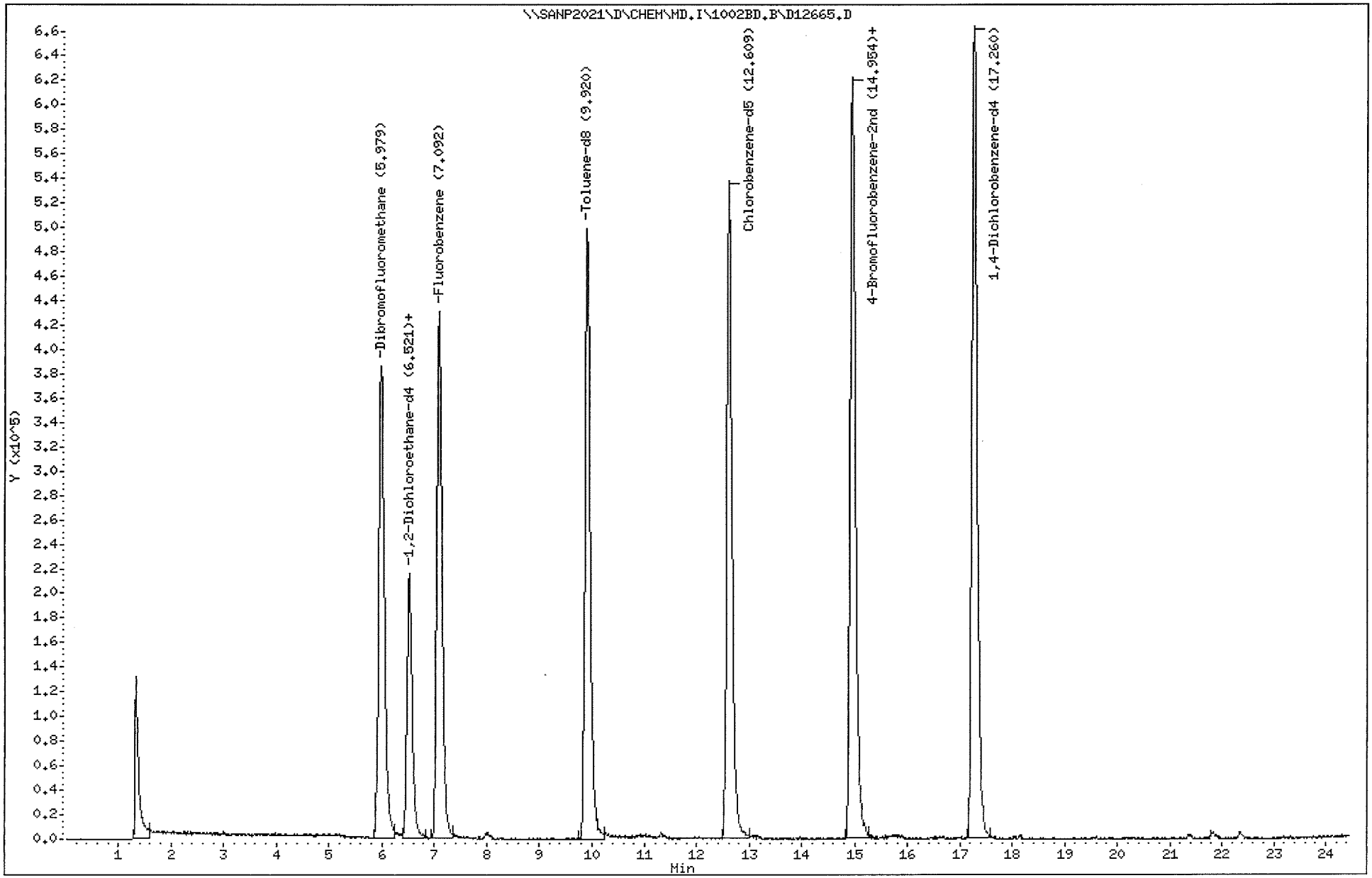
Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12665.D
Date : 03-OCT-2000 04:23
Client ID: D12665
Sample Info: DL3J2101,,2,,0,1,0,8260BDA.M,D12665

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000981

BOE-C6-0156522

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12665.D

Date : 03-OCT-2000 04:23

Client ID: D12665

Instrument: md.i

Sample Info: DL3J2101,,2,,0,1,0,8260BDA.M,D12665

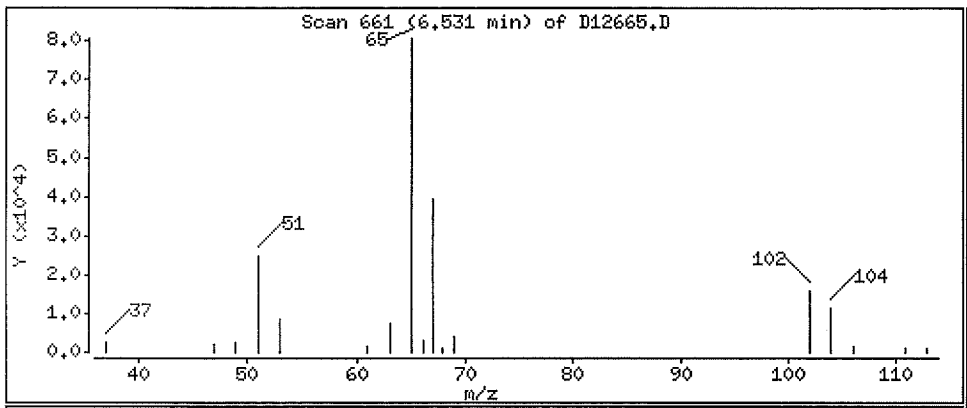
Operator: GFB

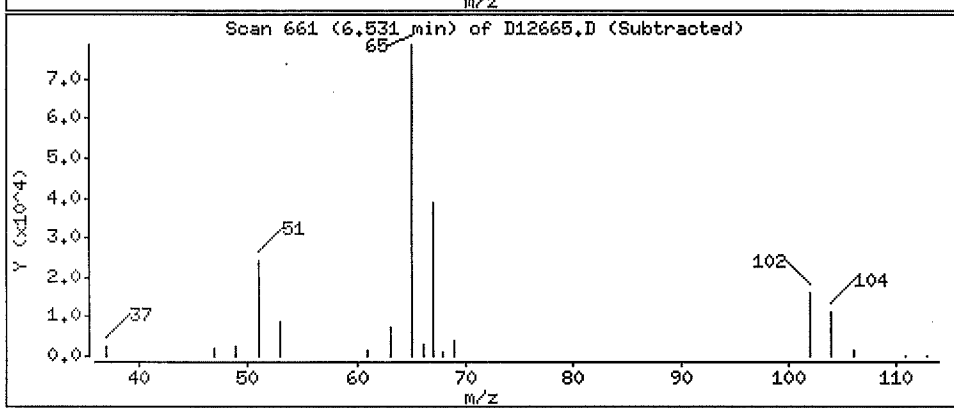
Column phase: J&W DB-624

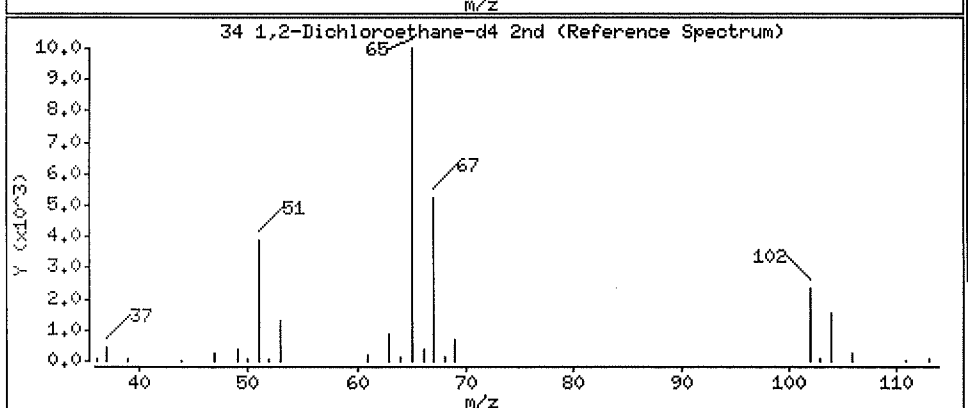
Column diameter: 0.53

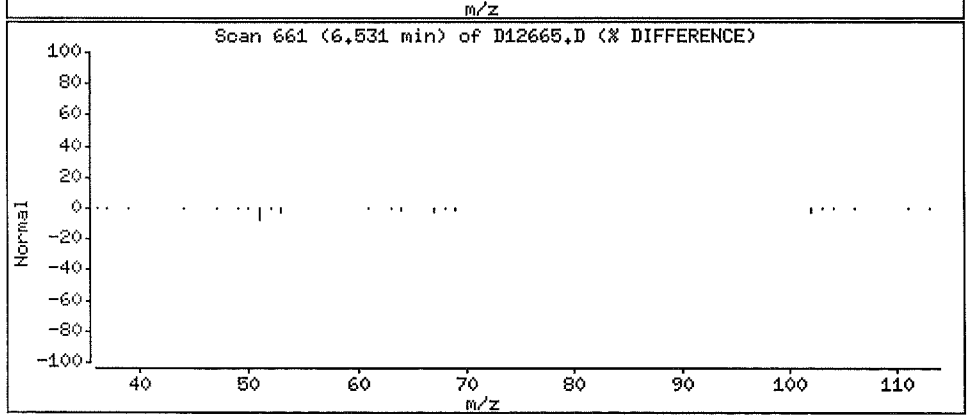
34 1,2-Dichloroethane-d4 2nd

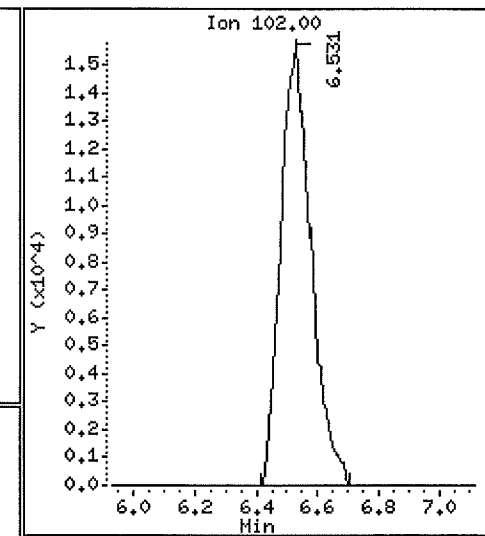
Concentration: 39.95 ug/Kg

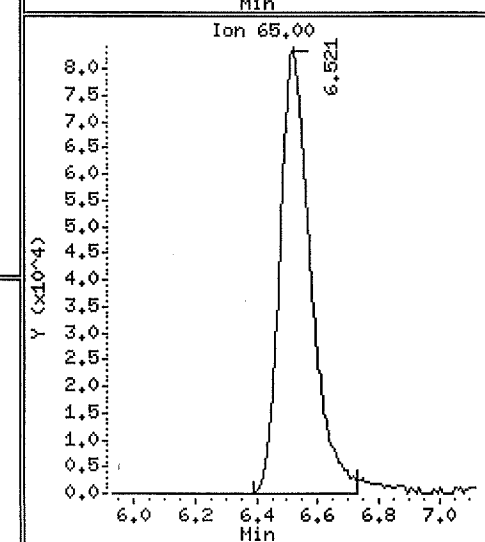












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12665.D

Date : 03-OCT-2000 04:23

Client ID: D12665

Instrument: md.i

Sample Info: DL3J2101,,2,,0,1,0,8260BDA.M,D12665

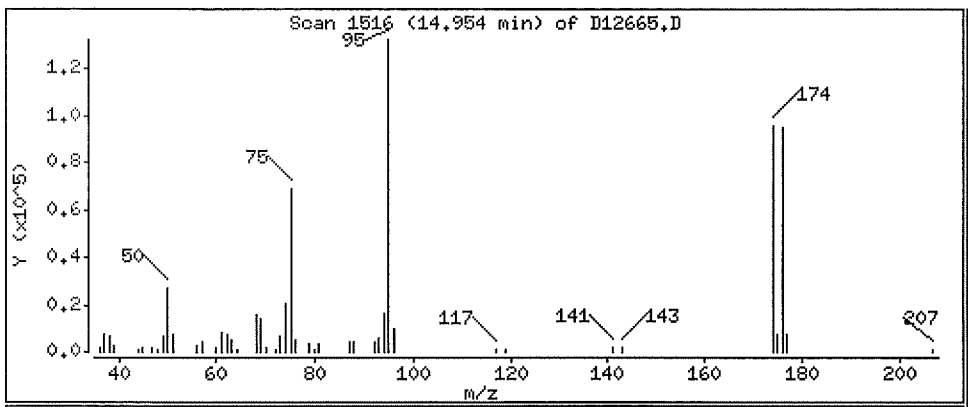
Operator: GFB

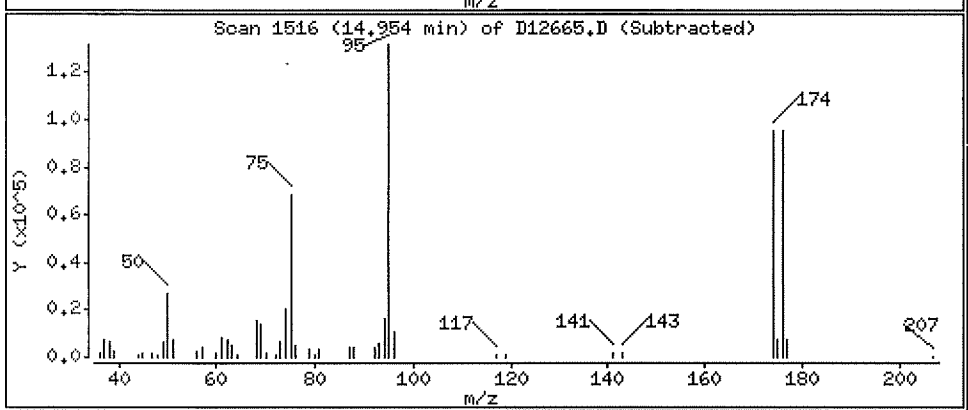
Column phase: J&W DB-624

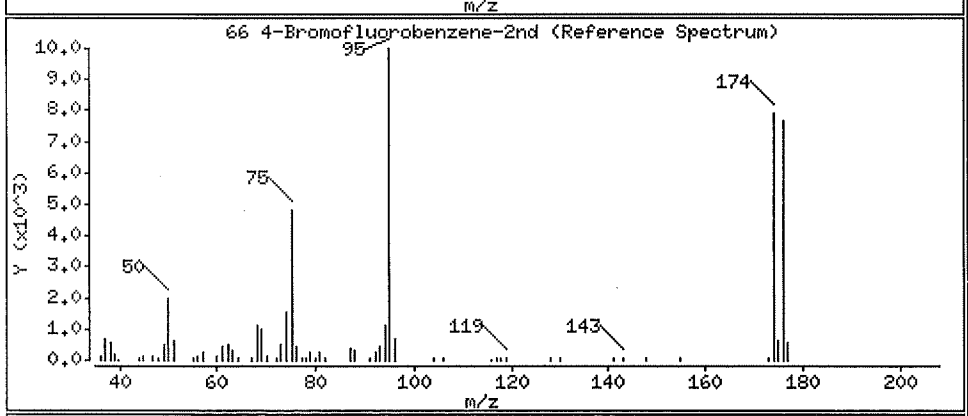
Column diameter: 0.53

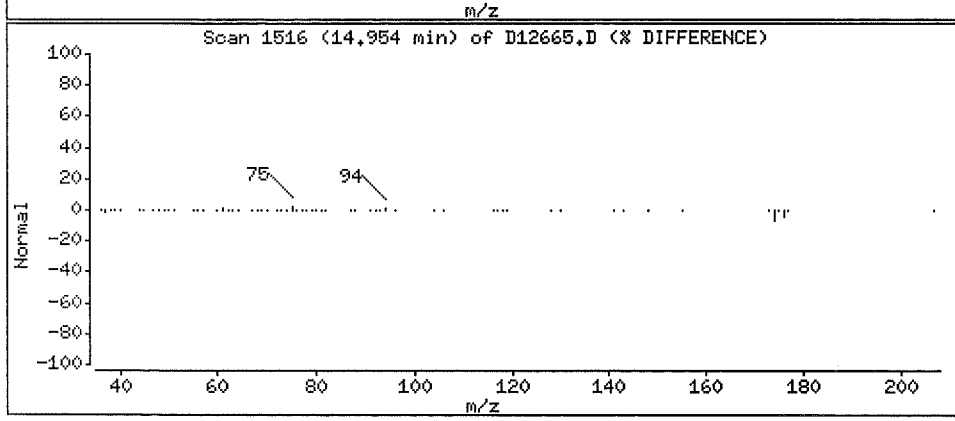
66 4-Bromofluorobenzene-2nd

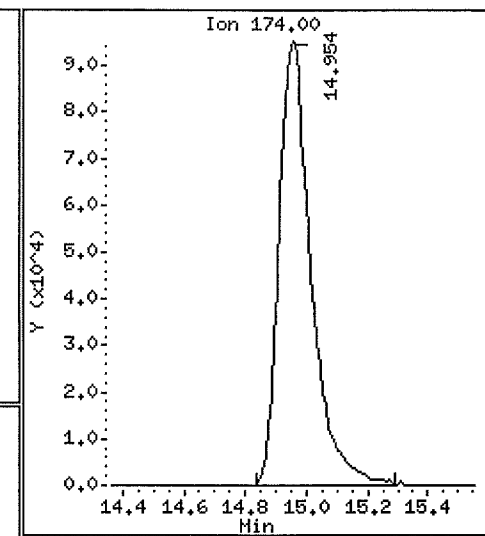
Concentration: 48.65 ug/Kg

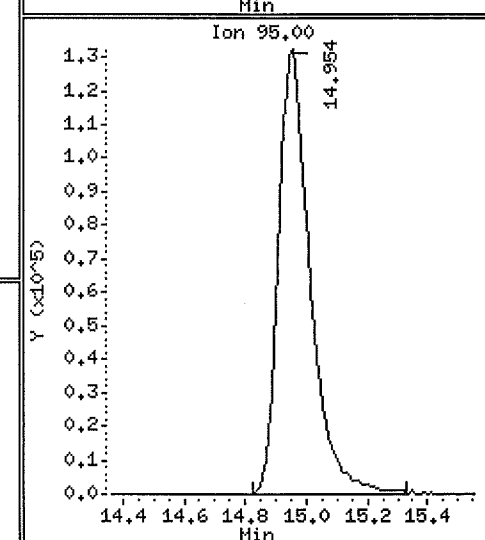


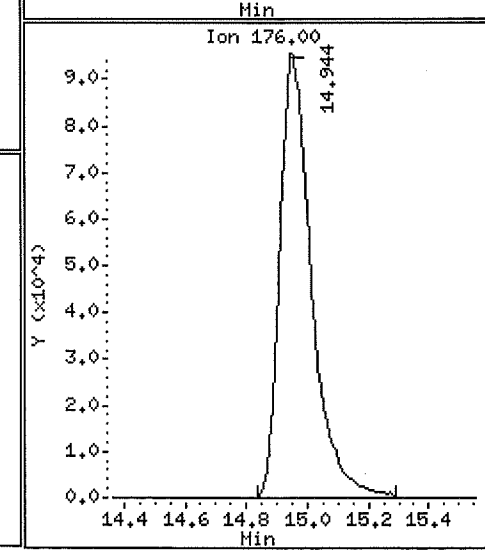












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12665.D

Date : 03-OCT-2000 04:23

Client ID: D12665

Instrument: md.i

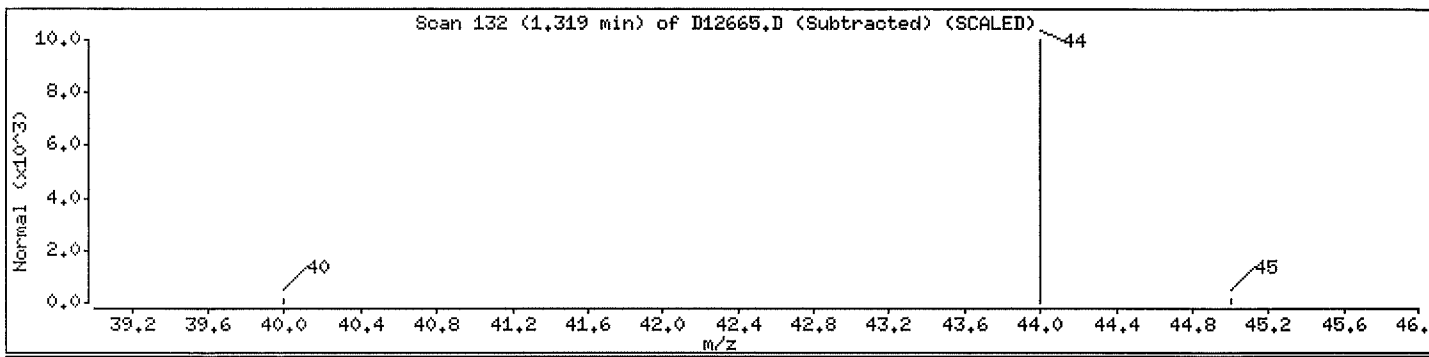
Sample Info: DL3J2101,,2,,0,1,0,8260BDA.M,D12665

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\1002BD.B\D12666.D
Lab Smp Id: DL3J3101 Client Smp ID: D12666
Inj Date : 03-OCT-2000 04:55
Operator : GFB Inst ID: md.i
Smp Info : DL3J3101,,2,,0,1,0,8260BDA.M,D12666
Misc Info : E0I260285-46,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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)
$ 29 Dibromofluoromethane	111	5.976	5.983	(0.842)	834099	48.6020	48.60
$ 33 1,2-Dichloroethane-d4	65	6.518	6.525	(0.918)	577020	45.6643	45.66
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.525	(0.920)	106952	39.6501	39.65
36 1,2-Dichloroethane	62	7.109	6.653	(1.001)	22382	1.61203	1.61(aQ)
* 38 Fluorobenzene	96	7.099	7.096	(1.000)	1266719	50.0000	
$ 47 Toluene-d8	98	9.917	9.924	(0.786)	1153433	47.1853	47.18
* 56 Chlorobenzene-d5	117	12.617	12.613	(1.000)	1103128	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.951	14.958	(0.866)	690402	46.5471	46.55
$ 67 4-Bromofluorobenzene	95	14.951	14.948	(0.866)	946994	44.1431	44.14
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.273	(1.000)	777595	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\1002BD.B\D12666.D
Lab Smp Id: DL3J3101 Client Smp ID: D12666
Inj Date : 03-OCT-2000 04:55
Operator : GFB Inst ID: md.i
Smp Info : DL3J3101,,2,,0,1,0,8260BDA.M,D12666
Misc Info : E0I260285-46,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.099	2998636	50.000

		CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #	
Unknown				CAS #:				
1.316	534802	8.91741817	8.92	0		0	38	COL

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3J3101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12666
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

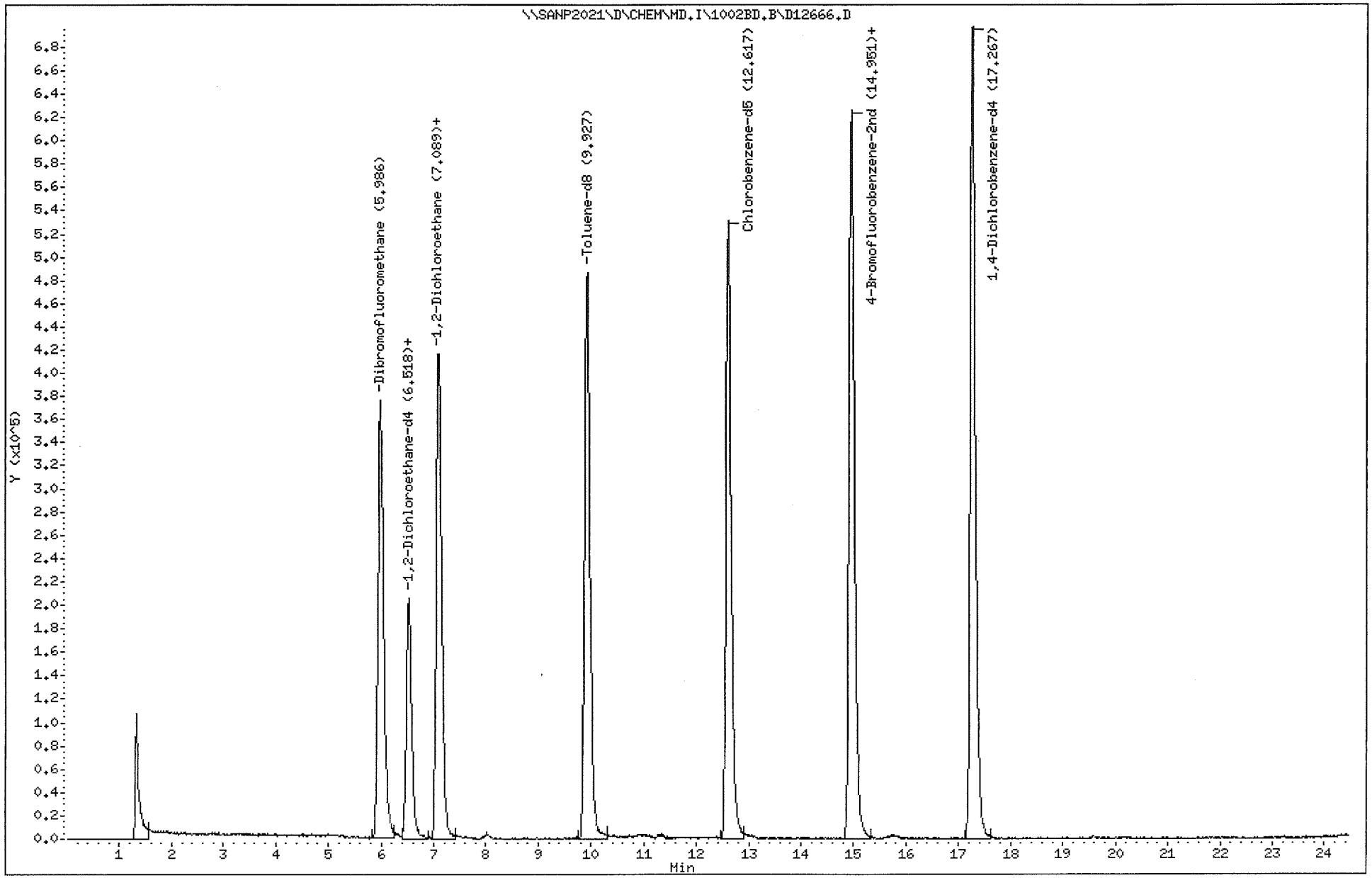
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown Cor	1.316	8.92	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12666.D
Date : 03-OCT-2000 04:55
Client ID: D12666
Sample Info: DL3J3101,,2,,0,1,0,8260BDA.M,D12666

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0156530

686000

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12666.D

Date : 03-OCT-2000 04:55

Client ID: D12666

Instrument: md.i

Sample Info: DL3J3101,,2,,0,1,0,8260BDA.M,D12666

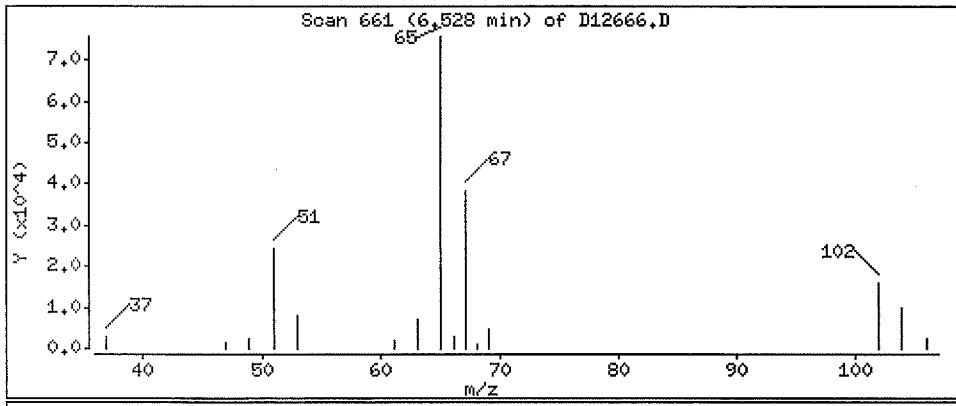
Operator: GFB

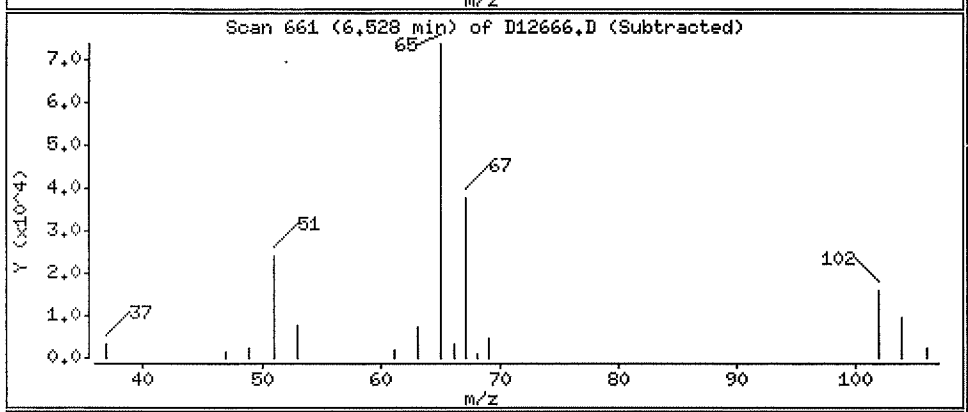
Column phase: J&W DB-624

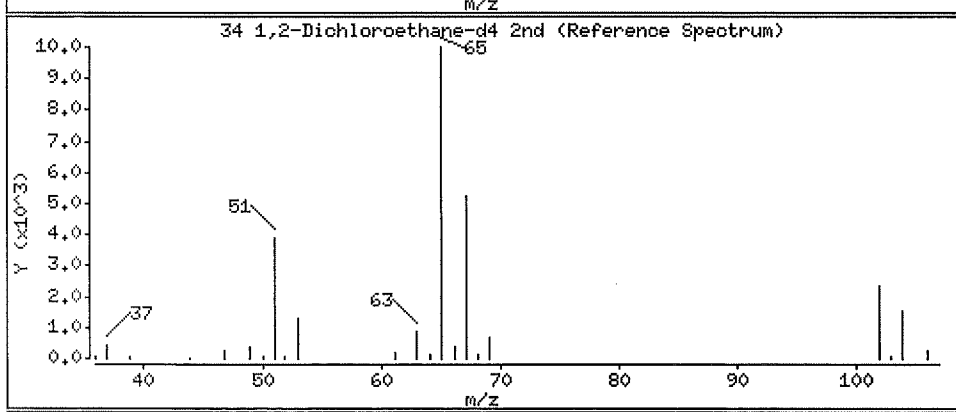
Column diameter: 0.53

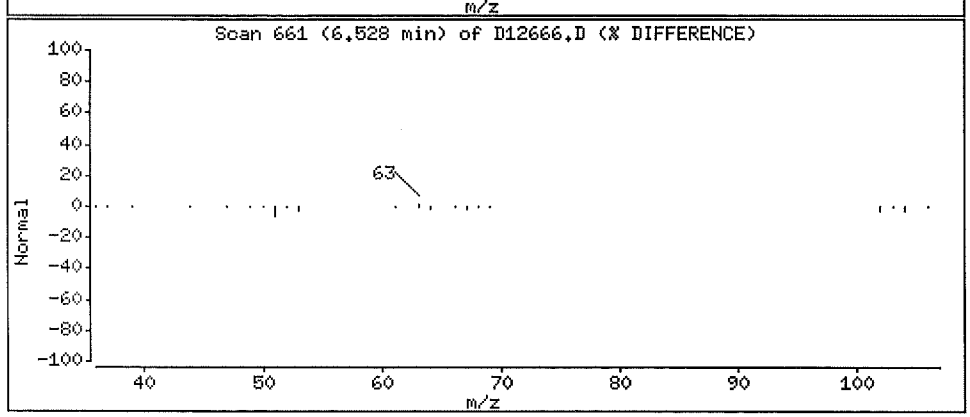
34 1,2-Dichloroethane-d4 2nd

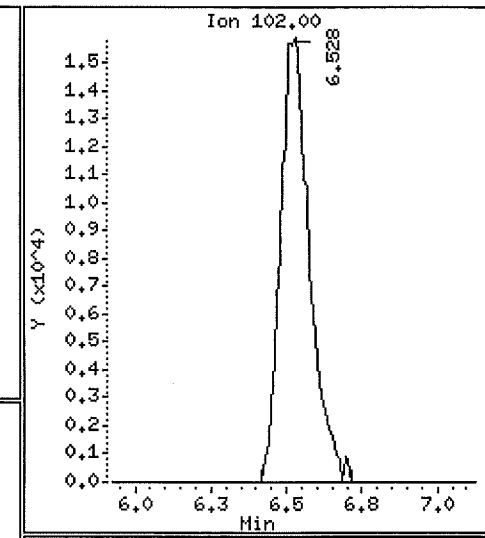
Concentration: 39.65 ug/Kg

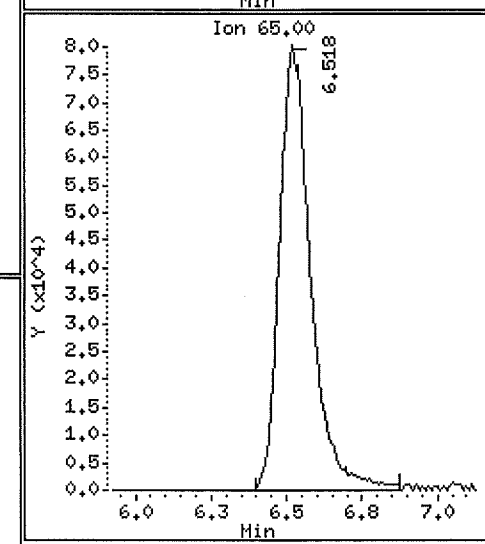












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12666.D

Date : 03-OCT-2000 04:55

Client ID: D12666

Instrument: md.i

Sample Info: DL3J3101,,2,,0,1,0,8260BDA.M,D12666

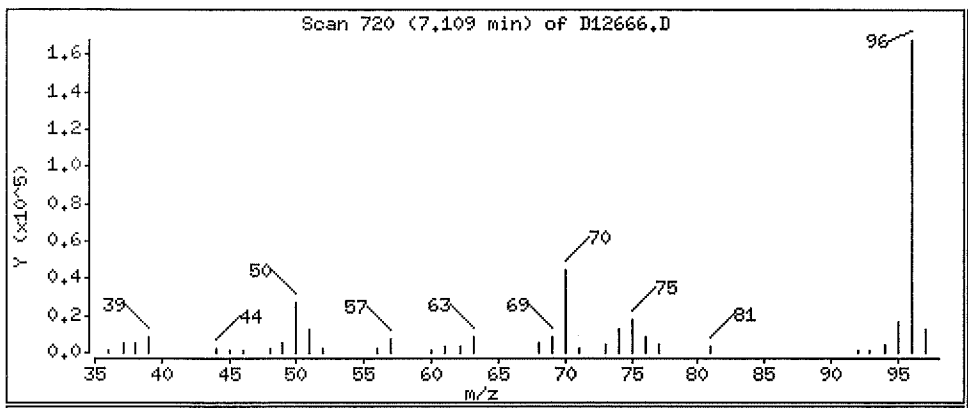
Operator: GFB

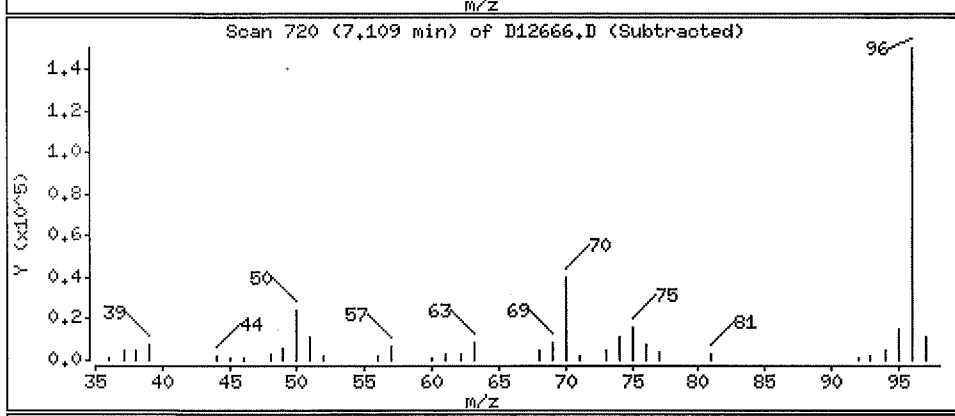
Column phase: J&W DB-624

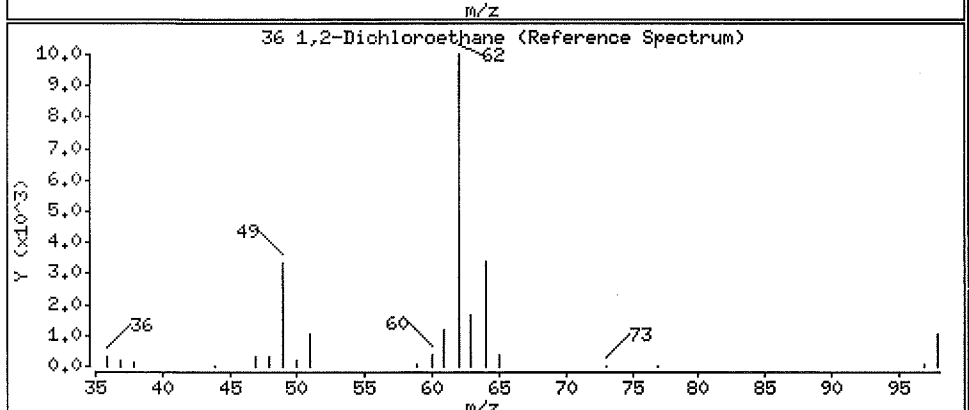
Column diameter: 0.53

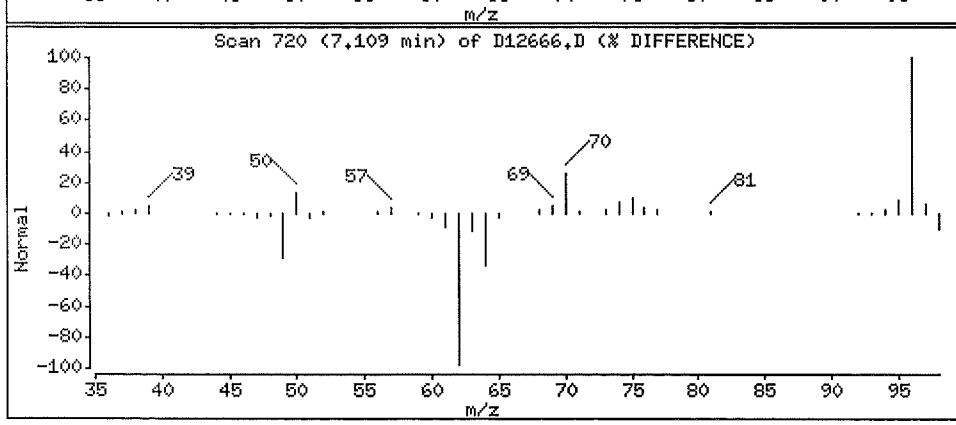
36 1,2-Dichloroethane

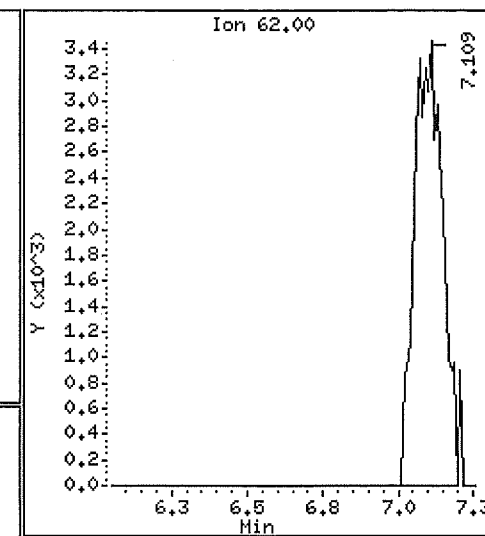
Concentration: 1.61 ug/Kg

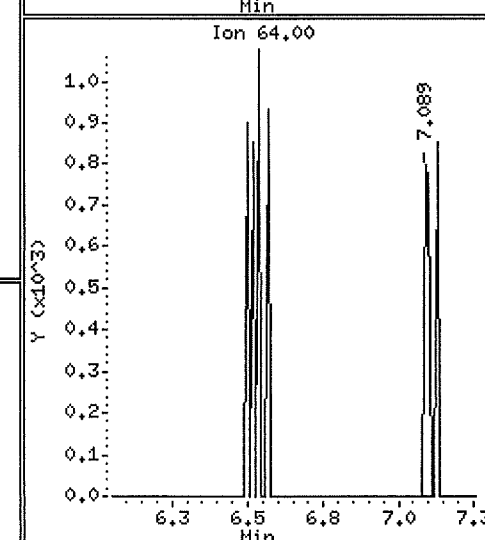


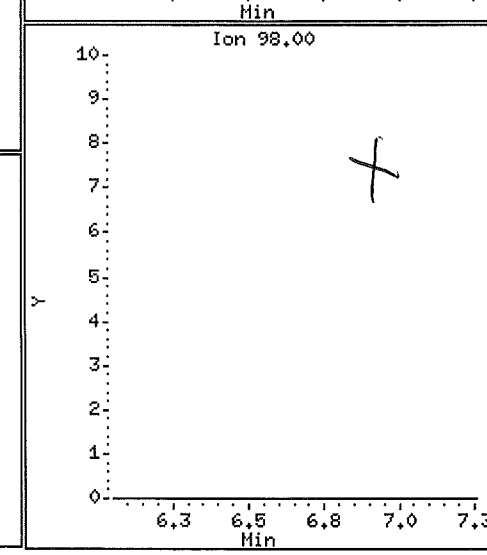












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12666.D

Date : 03-OCT-2000 04:55

Client ID: D12666

Instrument: md.i

Sample Info: DL3J3101,,2,,0,1,0,8260BDA.M,D12666

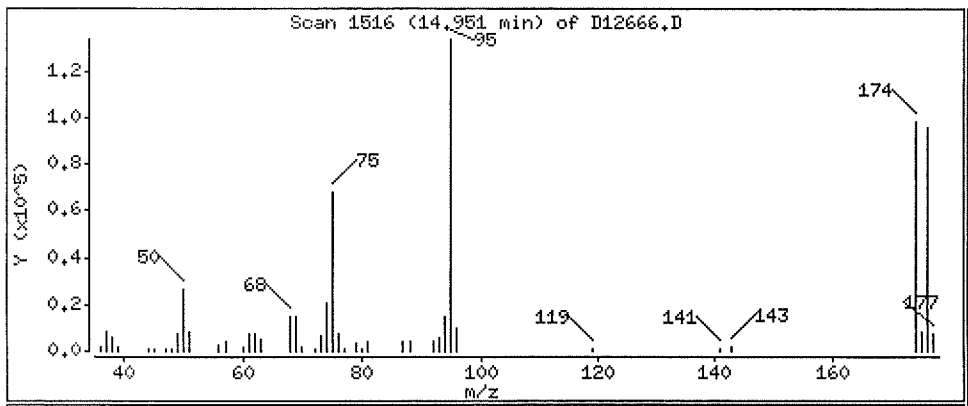
Operator: GFB

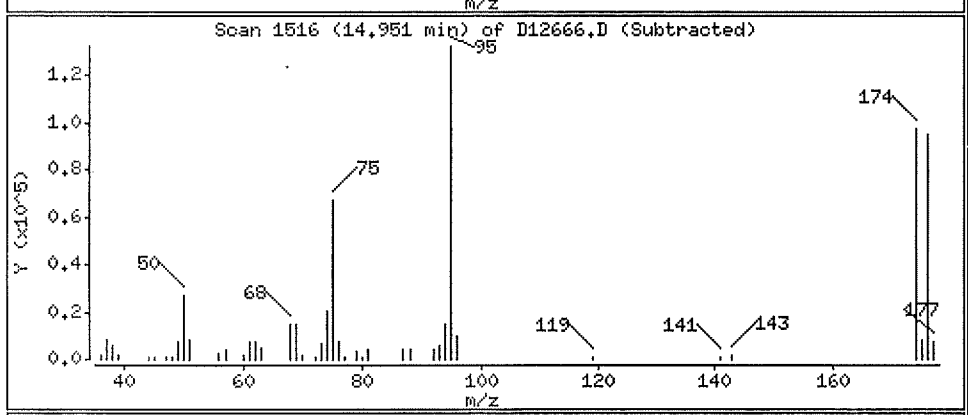
Column phase: J&W DB-624

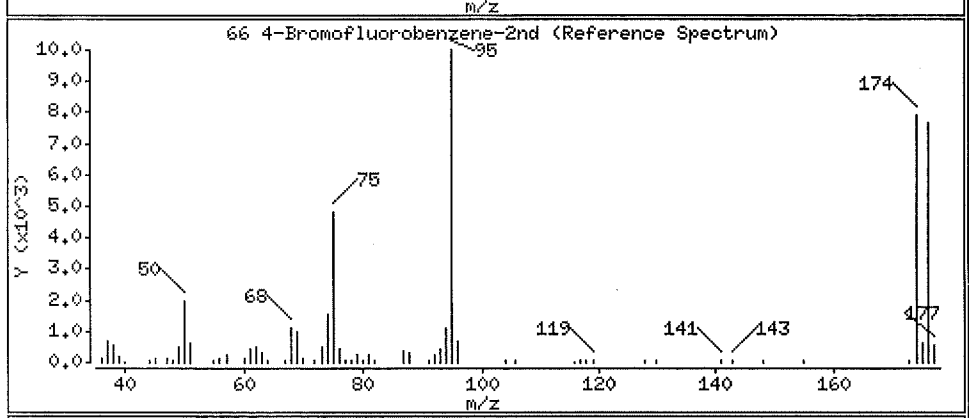
Column diameter: 0.53

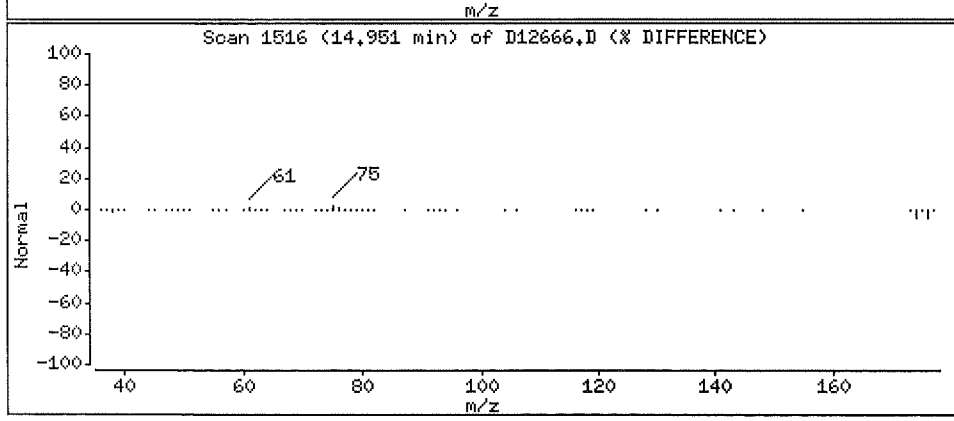
66 4-Bromofluorobenzene-2nd

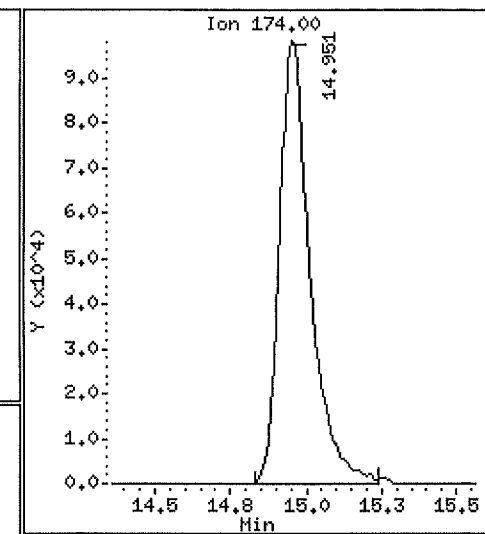
Concentration: 46.55 ug/Kg

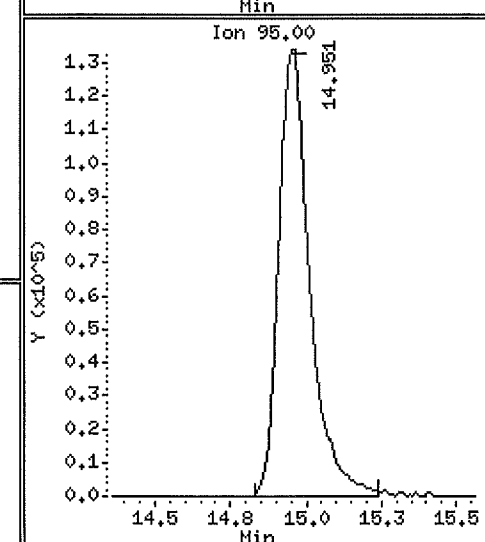


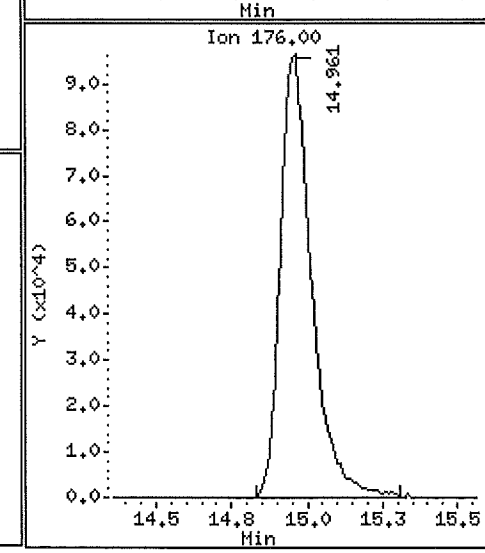












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12666.D

Date : 03-OCT-2000 04:55

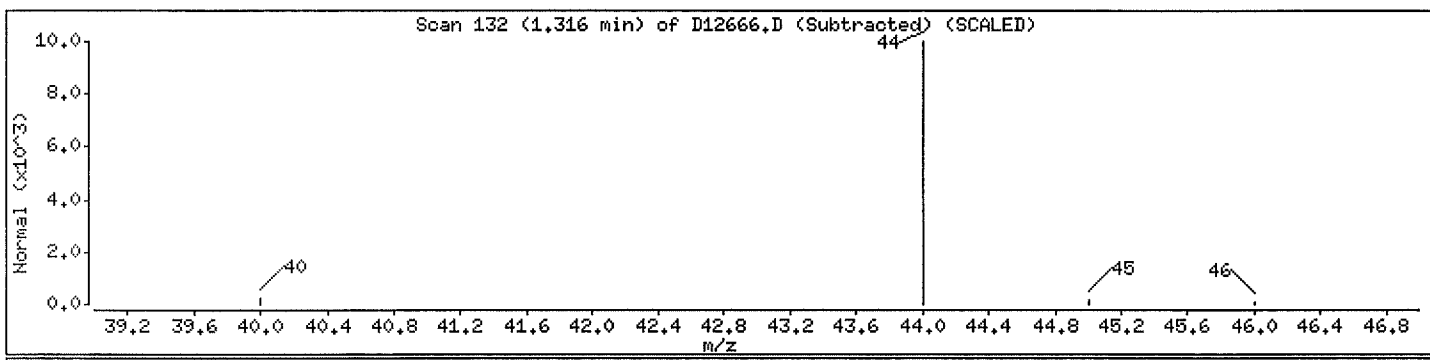
Client ID: D12666 Instrument: md.i

Sample Info: DL3J3101,,2,,0,1,0,8260BDA.M,D12666

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\1002BD.B\D12667.D
Lab Smp Id: DL3J4101 Client Smp ID: D12667
Inj Date : 03-OCT-2000 05:26
Operator : GFB Inst ID: md.i
Smp Info : DL3J4101,,2,,0,1,0,8260BDA.M,D12667
Misc Info : E0I260285-47,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.989	5.983	(0.844)	826170	48.8445	48.84
$ 33 1,2-Dichloroethane-d4	65	6.521	6.525	(0.919)	558364	44.8346	44.83
34 1,2-Dichloroethane-d4 2nd	102	6.531	6.525	(0.921)	103964	39.1066	39.11
36 1,2-Dichloroethane	62	7.082	6.653	(0.999)	17380	1.27012	1.27(aQ)
* 38 Fluorobenzene	96	7.092	7.096	(1.000)	1248447	50.0000	
$ 47 Toluene-d8	98	9.920	9.924	(0.787)	1125200	47.0876	47.09
* 56 Chlorobenzene-d5	117	12.609	12.613	(1.000)	1078358	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.954	14.958	(0.866)	674743	47.8290	47.83
$ 67 4-Bromofluorobenzene	95	14.954	14.948	(0.866)	923046	45.2377	45.24
* 79 1,4-Dichlorobenzene-d4	152	17.270	17.273	(1.000)	739591	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\1002BD.B\D12667.D
Lab Smp Id: DL3J4101 Client Smp ID: D12667
Inj Date : 03-OCT-2000 05:26
Operator : GFB Inst ID: md.i
Smp Info : DL3J4101,,2,,0,1,0,8260BDA.M,D12667
Misc Info : E0I260285-47,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.092	2920113	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.319	475493	8.14168575	8.14	0		0	38

LOL

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3J4101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12667
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown COV	1.319	8.14	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12667.D

Date : 03-OCT-2000 05:26

Client ID: D12667

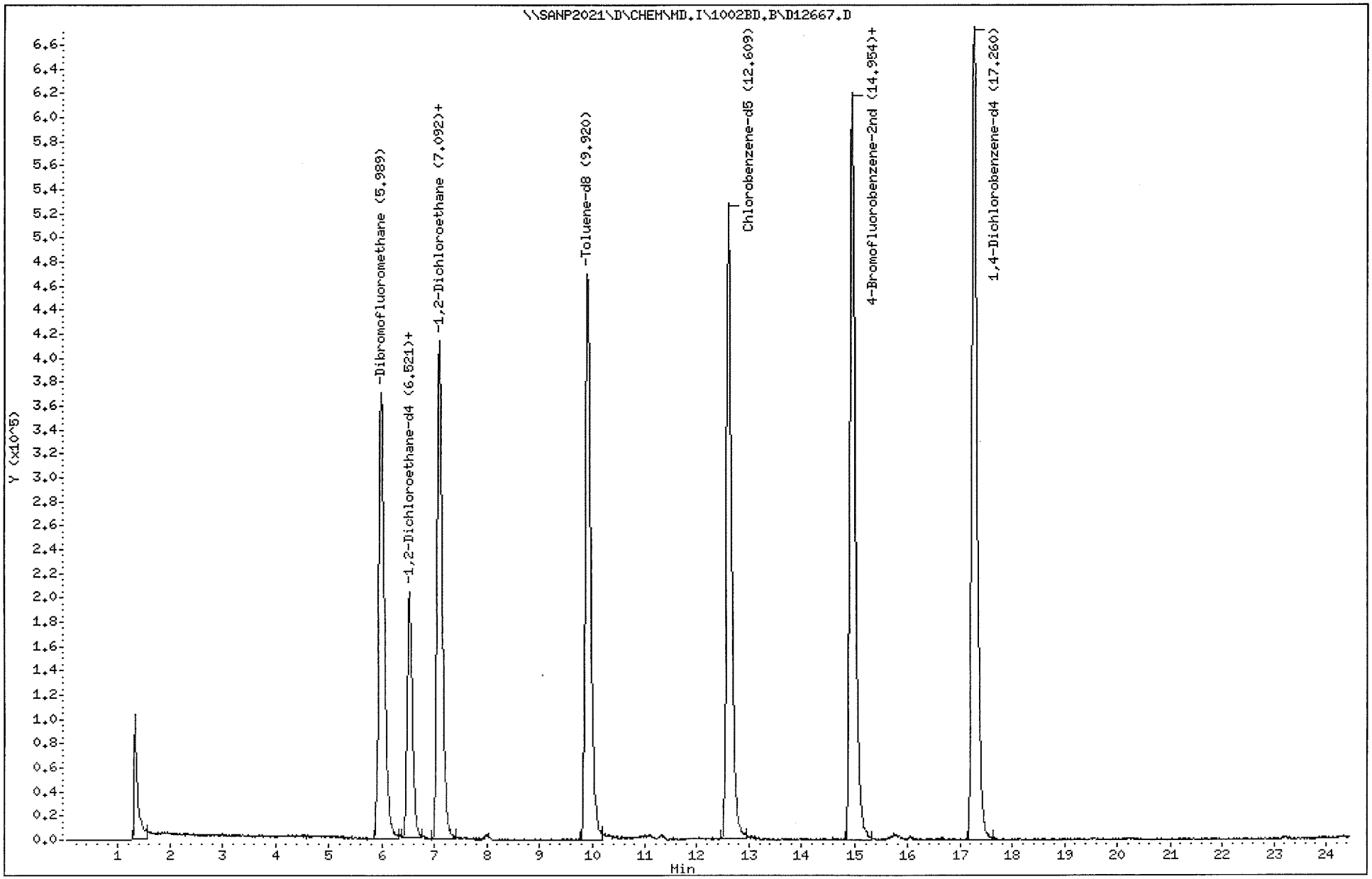
Sample Info: DL3J4101,,2,,0,1,0,8260BDA.M,D12667

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



000998

BOE-C6-0156539

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12667.D

Date : 03-OCT-2000 05:26

Client ID: D12667

Instrument: md.i

Sample Info: DL3J4101,,2,,0,1,0,8260BDA.M,D12667

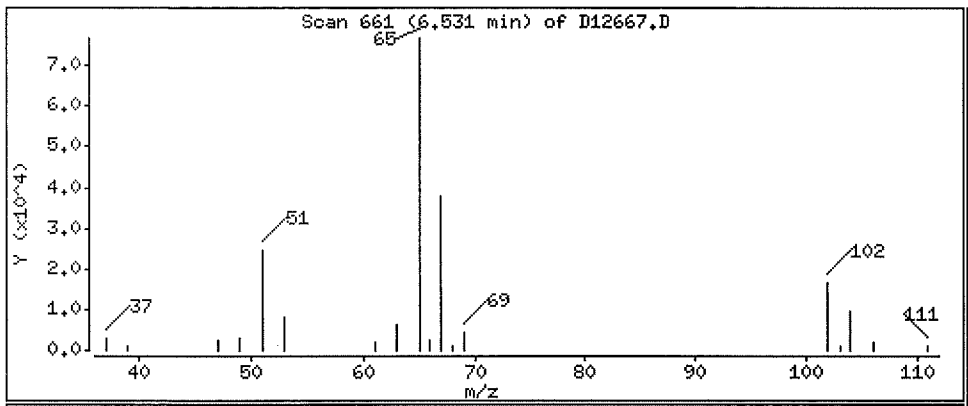
Operator: GFB

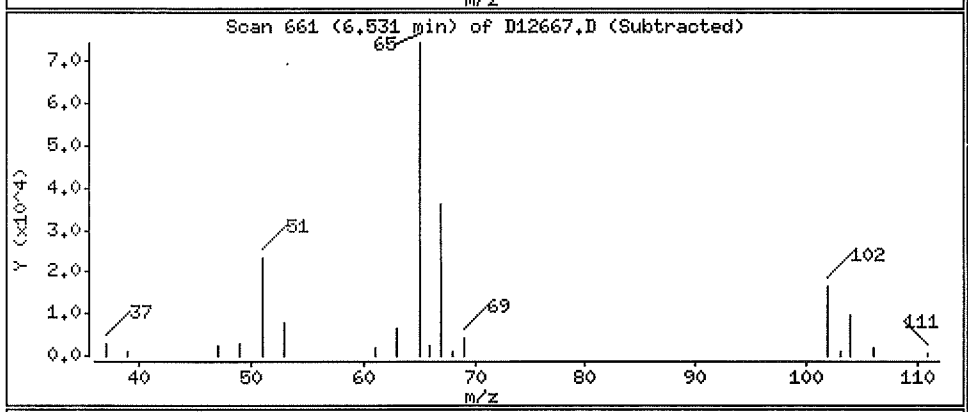
Column phase: J&W DB-624

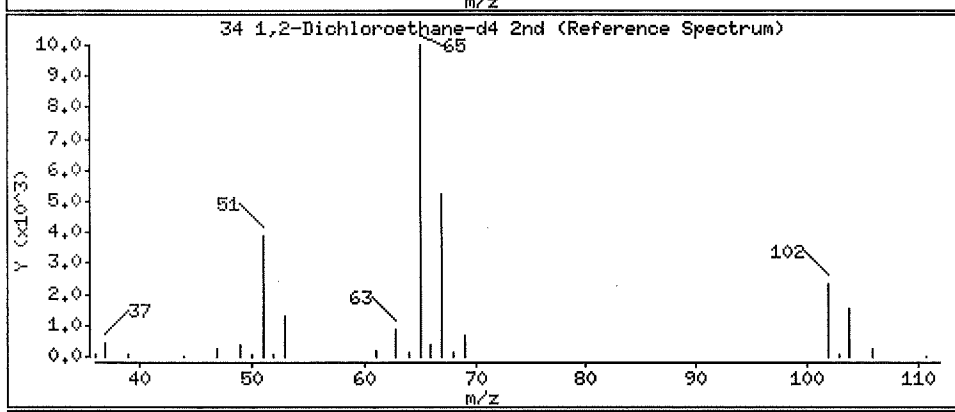
Column diameter: 0.53

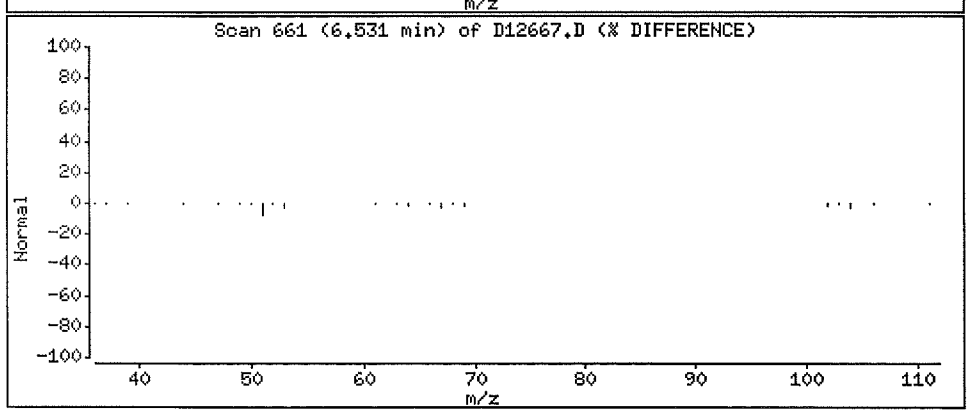
34 1,2-Dichloroethane-d4 2nd

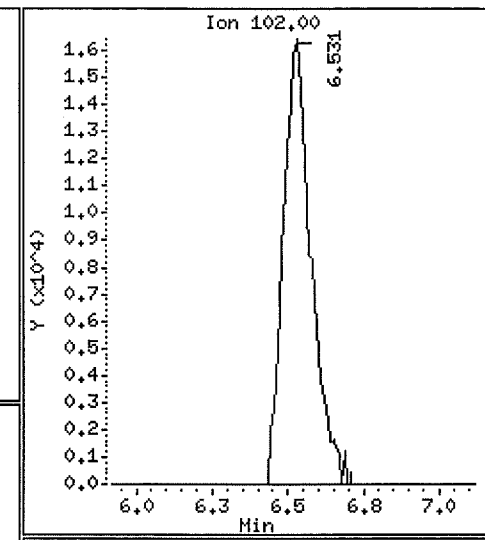
Concentration: 39.11 ug/Kg

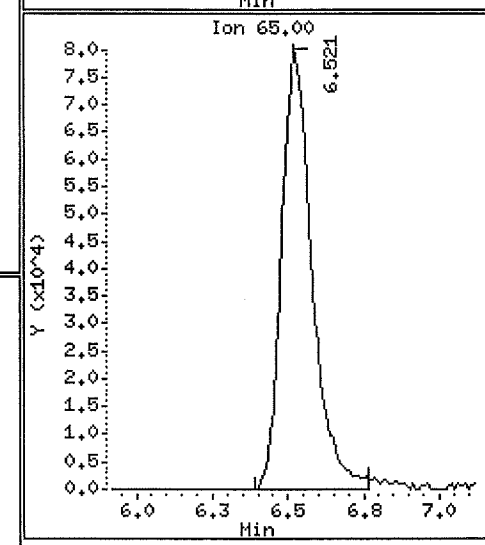












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12667.D

Date : 03-OCT-2000 05:26

Client ID: D12667

Instrument: md.i

Sample Info: DL3J4101,,2,,0,1,0,8260BDA.M,D12667

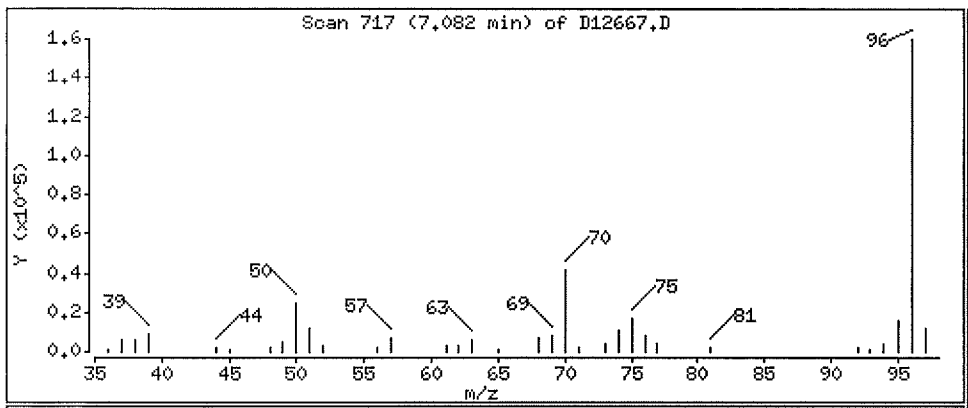
Operator: GFB

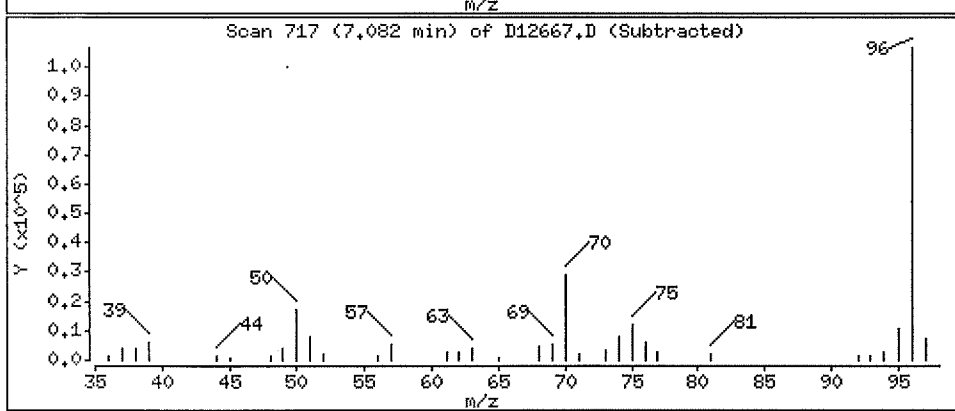
Column phase: J&W DB-624

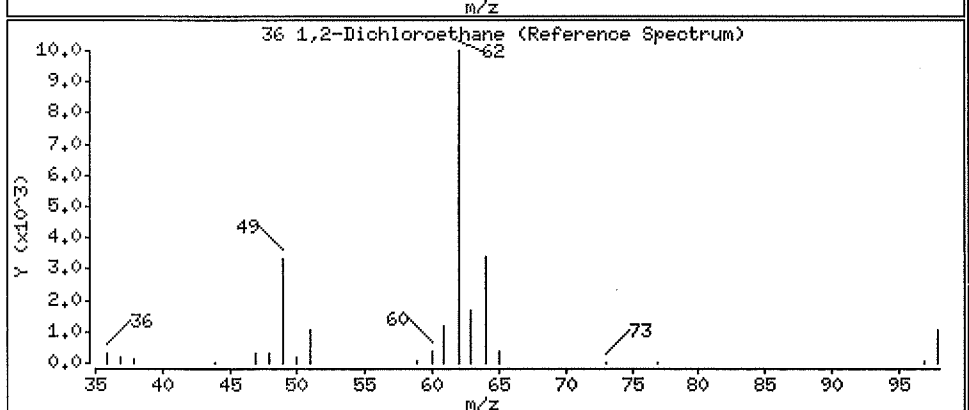
Column diameter: 0.53

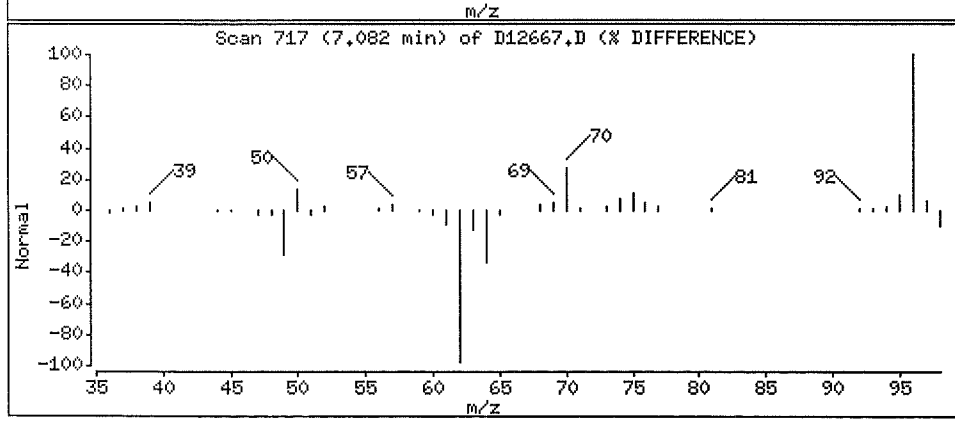
36 1,2-Dichloroethane

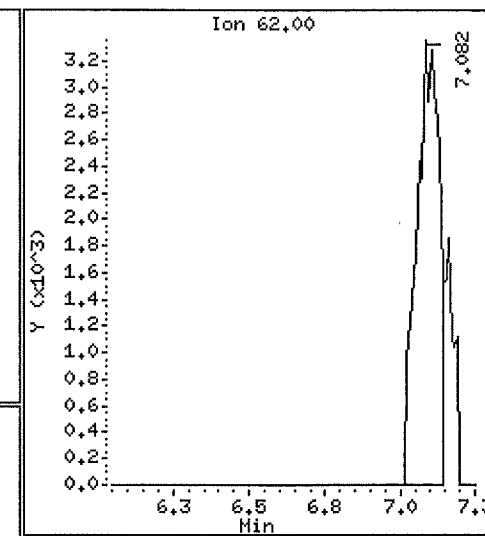
Concentration: 1.27 ug/Kg

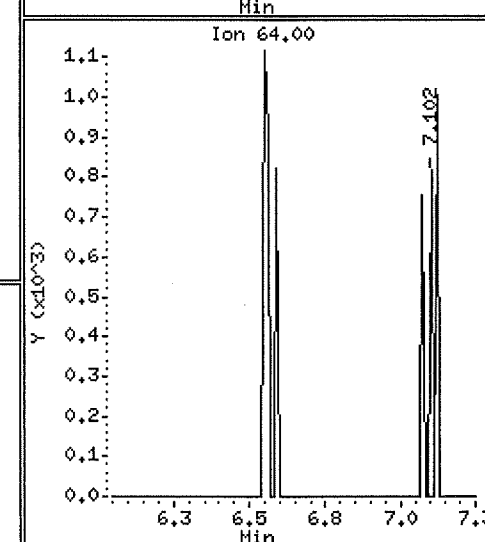


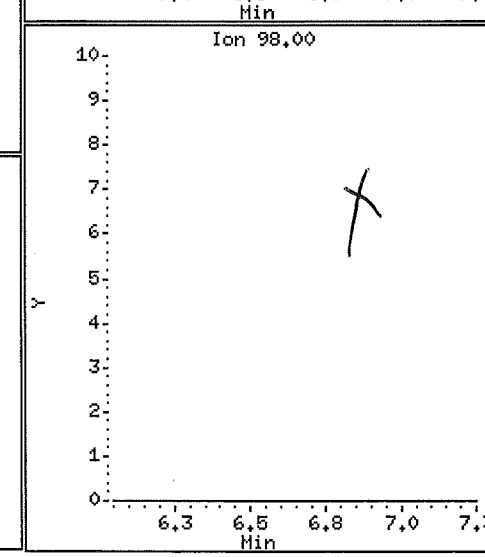












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12667.D

Date : 03-OCT-2000 05:26

Client ID: D12667

Instrument: md.i

Sample Info: DL3J4101,,2,,0,1,0,8260BDA,M,D12667

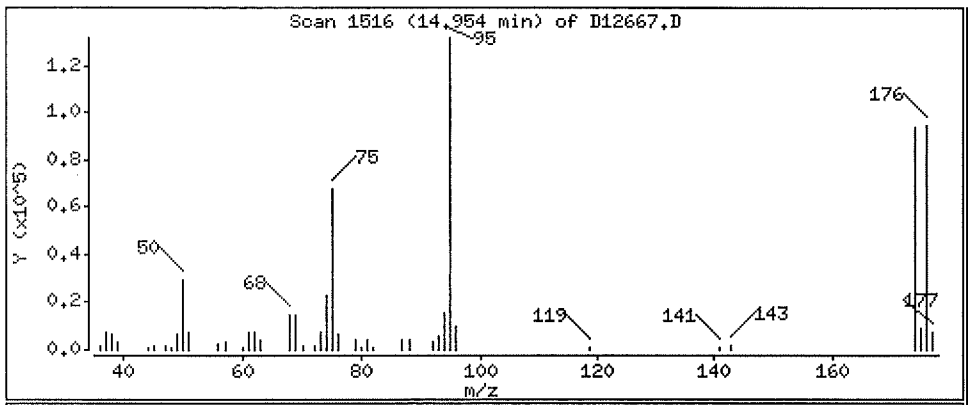
Operator: GFB

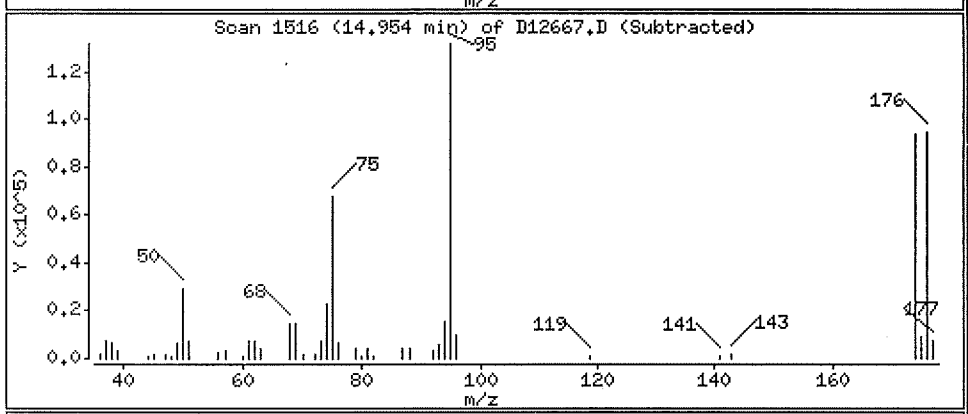
Column phase: J&W DB-624

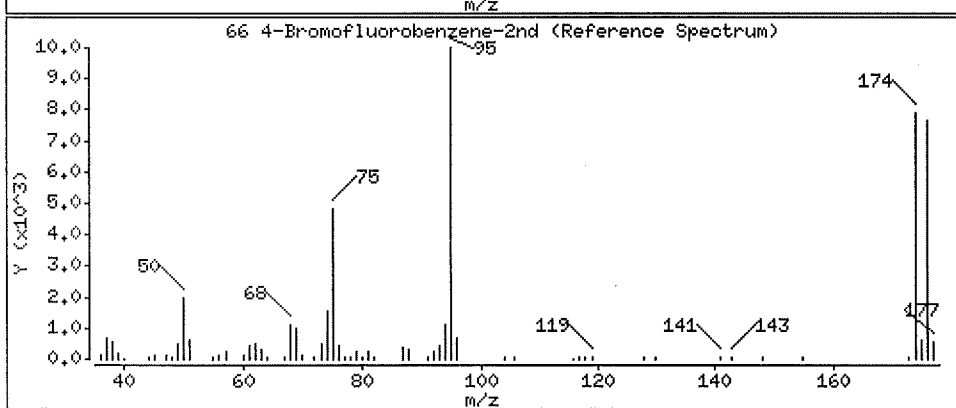
Column diameter: 0.53

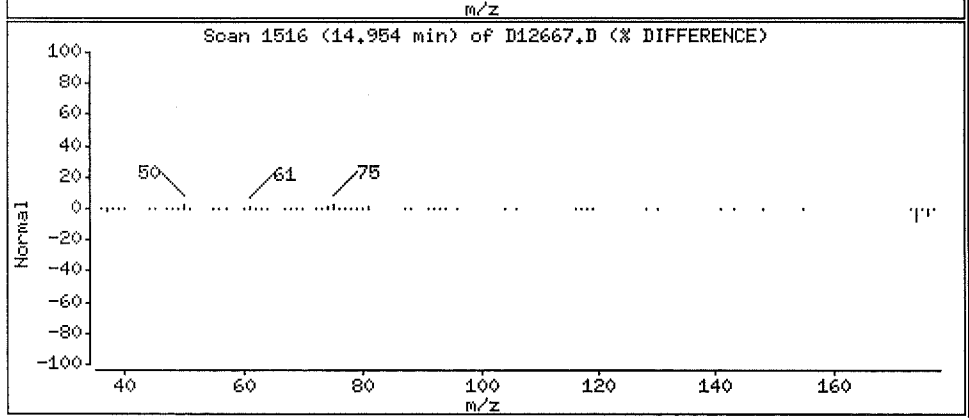
66 4-Bromofluorobenzene-2nd

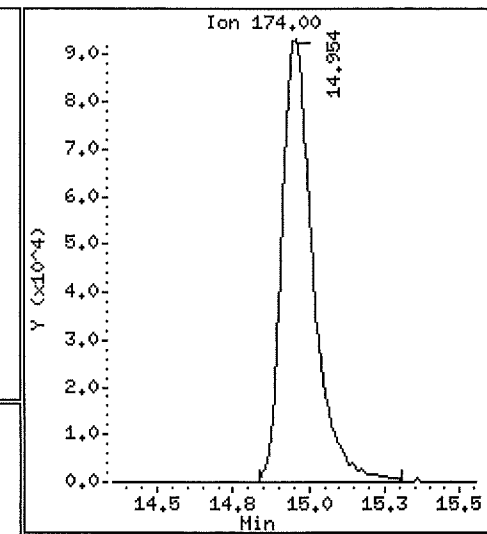
Concentration: 47.83 ug/Kg

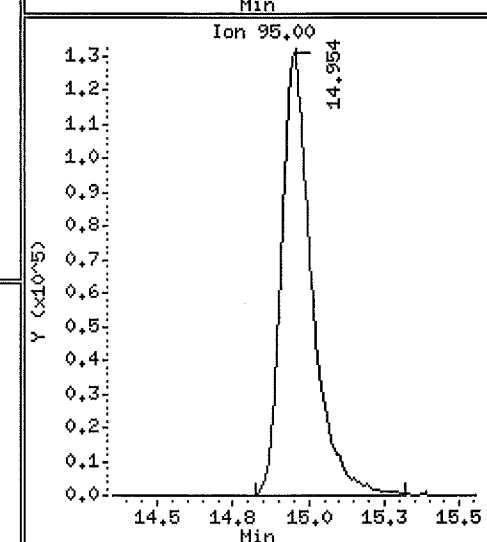


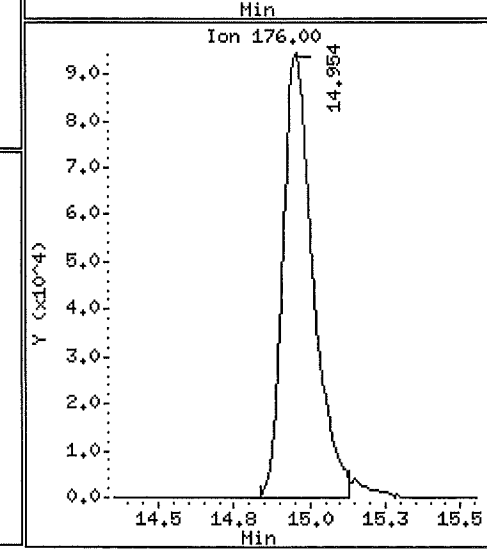












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12667.D

Date : 03-OCT-2000 05:26

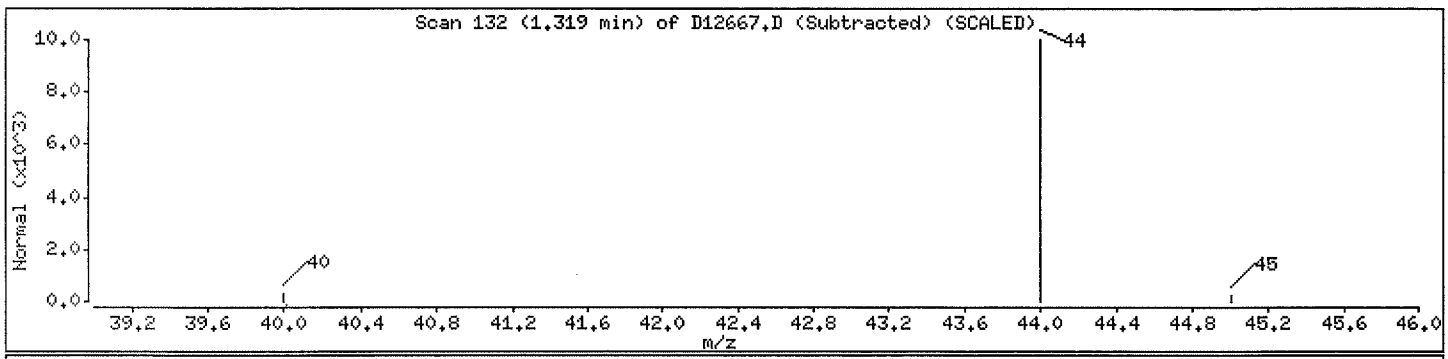
Client ID: D12667 Instrument: md.i

Sample Info: DL3J4101,,2,,0,1,0,8260BDA.M,D12667

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\1002BD.B\D12668.D
Lab Smp Id: DL3J5101 Client Smp ID: D12668
Inj Date : 03-OCT-2000 05:58
Operator : GFB Inst ID: md.i
Smp Info : DL3J5101,,2,,0,1,0,8260BDA.M,D12668
Misc Info : E0I260285-48,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.995	5.983	(0.843)	825565	49.8586	49.86	
$ 33 1,2-Dichloroethane-d4	65	6.537	6.525	(0.920)	550195	45.1288	45.13	
34 1,2-Dichloroethane-d4 2nd	102	6.517	6.525	(0.917)	101931	39.1663	39.17	
* 38 Fluorobenzene	96	7.109	7.096	(1.000)	1222160	50.0000		
$ 47 Toluene-d8	98	9.916	9.924	(0.786)	1130289	46.7519	46.75	
* 56 Chlorobenzene-d5	117	12.616	12.613	(1.000)	1091012	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.951	14.958	(0.866)	686147	47.1542	47.15	
$ 67 4-Bromofluorobenzene	95	14.941	14.948	(0.865)	937991	44.5684	44.57	
* 79 1,4-Dichlorobenzene-d4	152	17.266	17.273	(1.000)	762853	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\1002BD.B\D12668.D
Lab Smp Id: DL3J5101 Client Smp ID: D12668
Inj Date : 03-OCT-2000 05:58
Operator : GFB Inst ID: md.i
Smp Info : DL3J5101,,2,,0,1,0,8260BDA.M,D12668
Misc Info : E0I260285-48,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.109	2882444	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.325	550573	9.55045302	9.55	0		0	38

02

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3J5101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12668
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 Cor	1.325	9.55	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12668.D

Date : 03-OCT-2000 05:58

Client ID: D12668

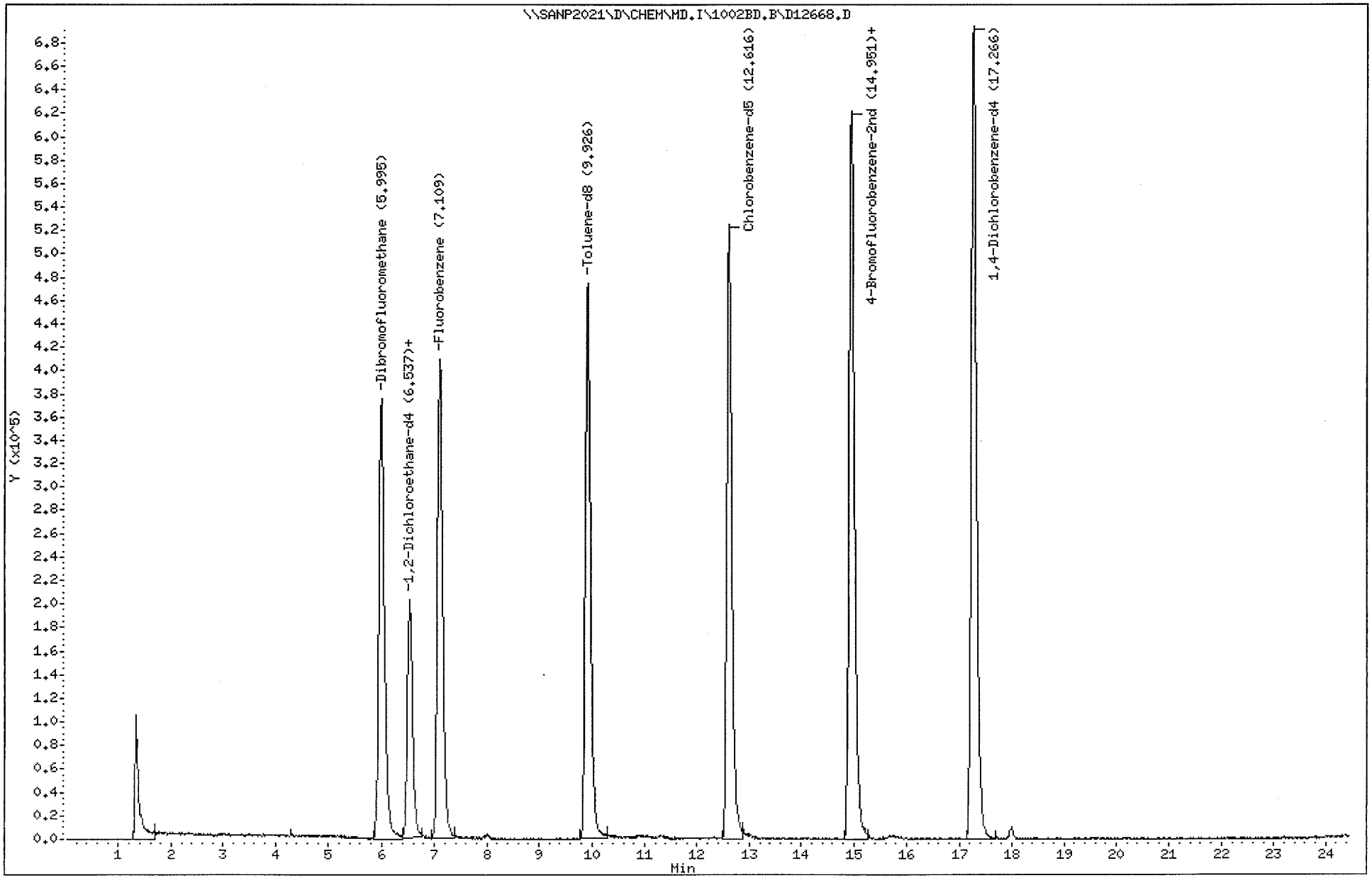
Instrument: md.i

Sample Info: DL3J5101,,2,,0,1,0,8260BDA.M,D12668

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



001006

BOE-C6-0156547

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12668.D

Date : 03-OCT-2000 05:58

Client ID: D12668

Instrument: md.i

Sample Info: DL3J5101,,2,,0,1,0,8260BDA.M,D12668

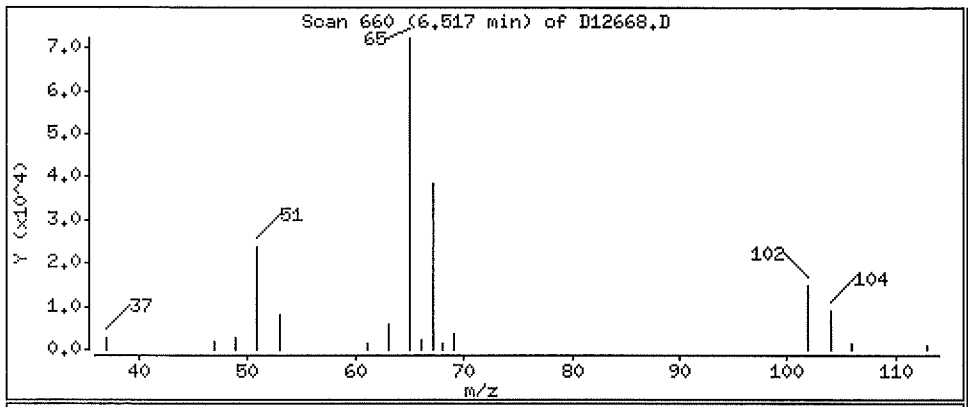
Operator: GFB

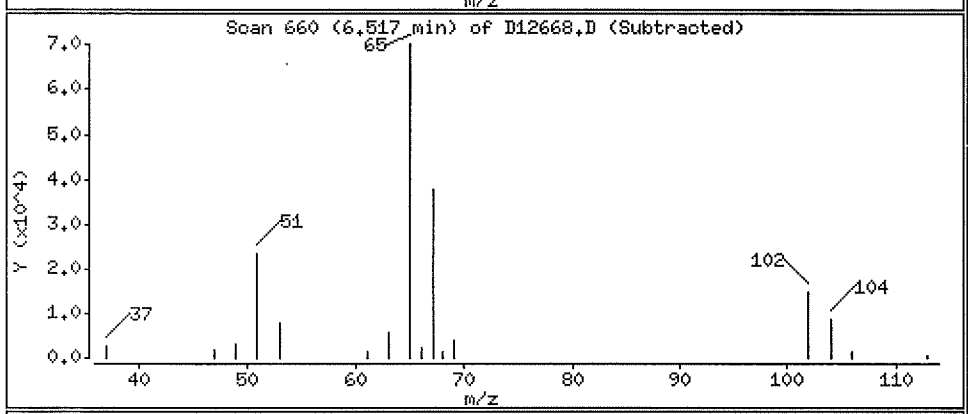
Column phase: J&W DB-624

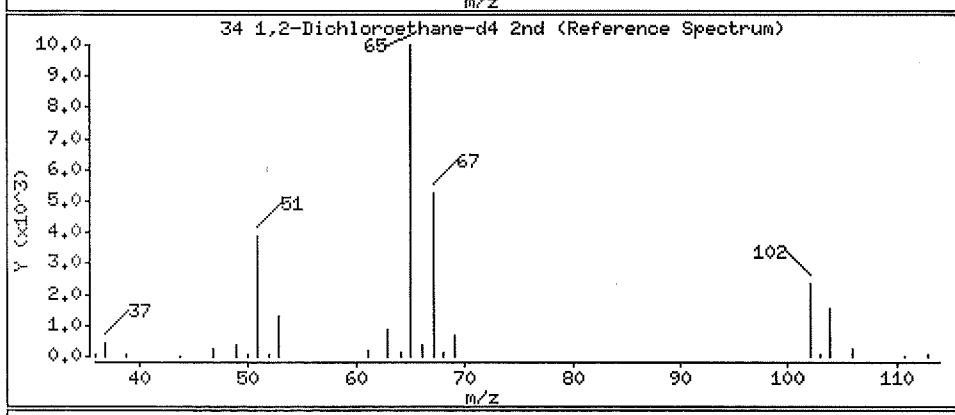
Column diameter: 0.53

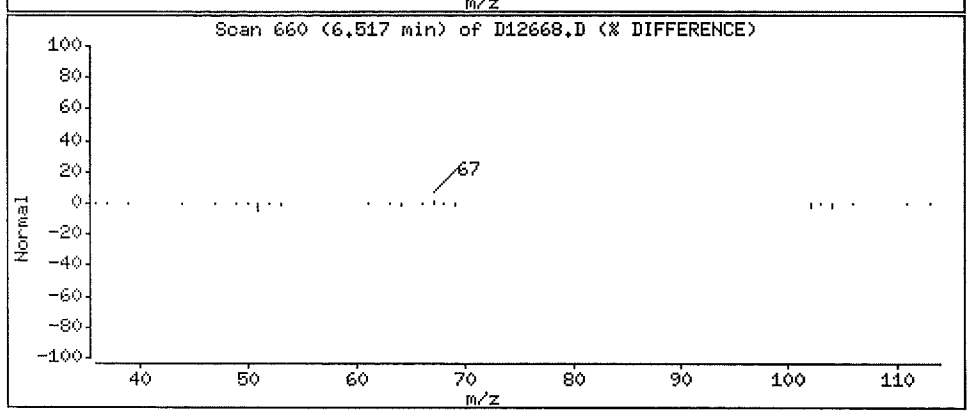
34 1,2-Dichloroethane-d4 2nd

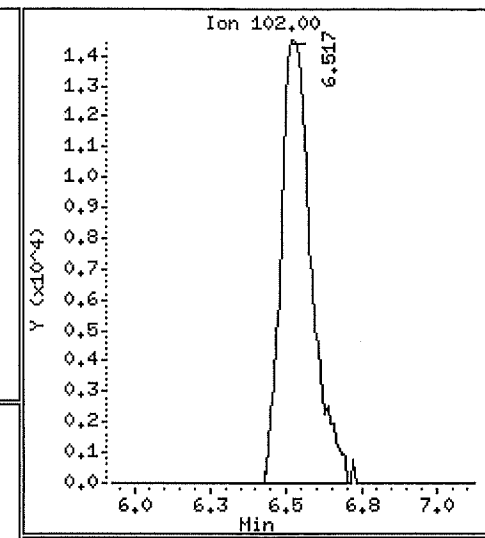
Concentration: 39.17 ug/Kg

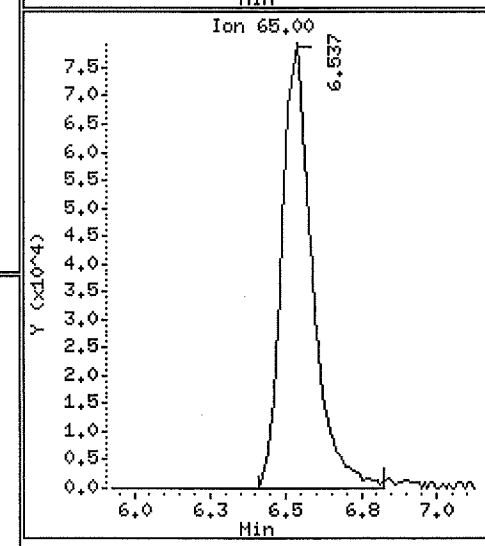












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12668.D

Date : 03-OCT-2000 05:58

Client ID: D12668

Instrument: md.i

Sample Info: DL3J5101,,2,,0,1,0,8260BDA.M,D12668

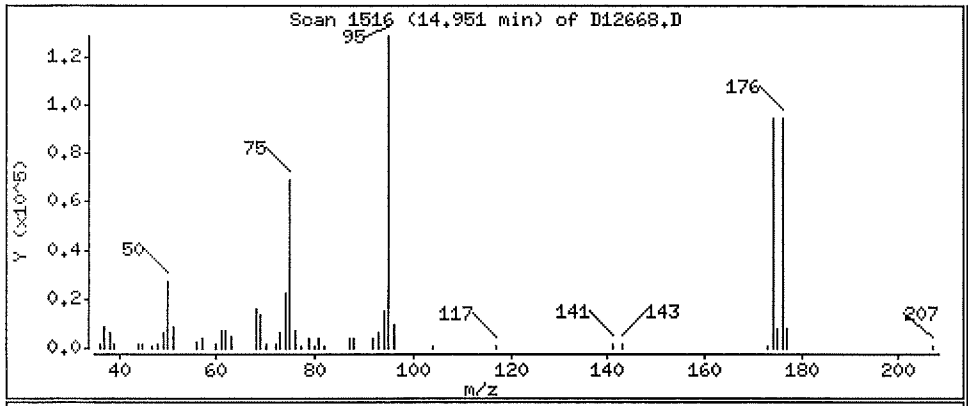
Operator: GFB

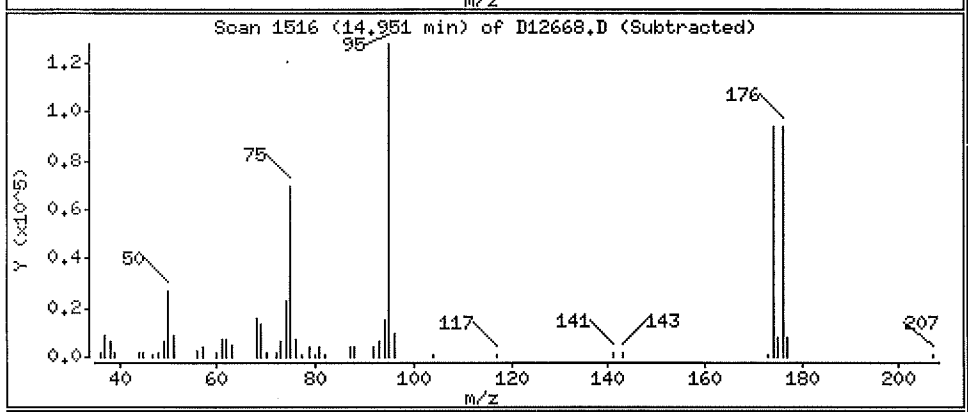
Column phase: J&W DB-624

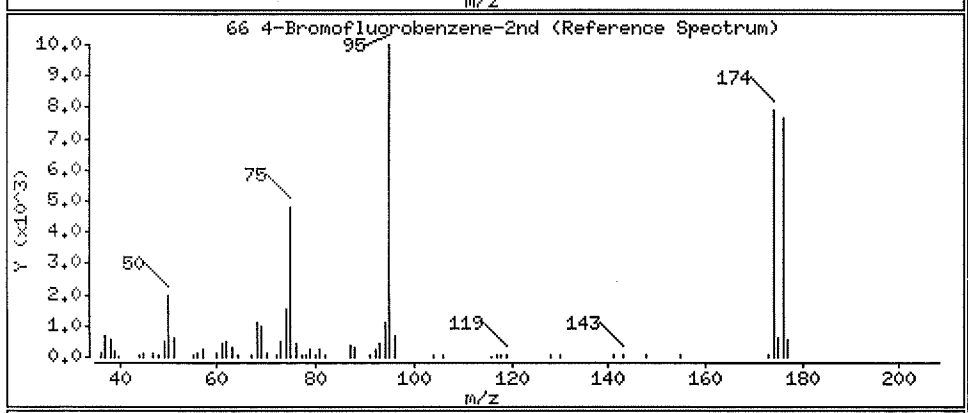
Column diameter: 0.53

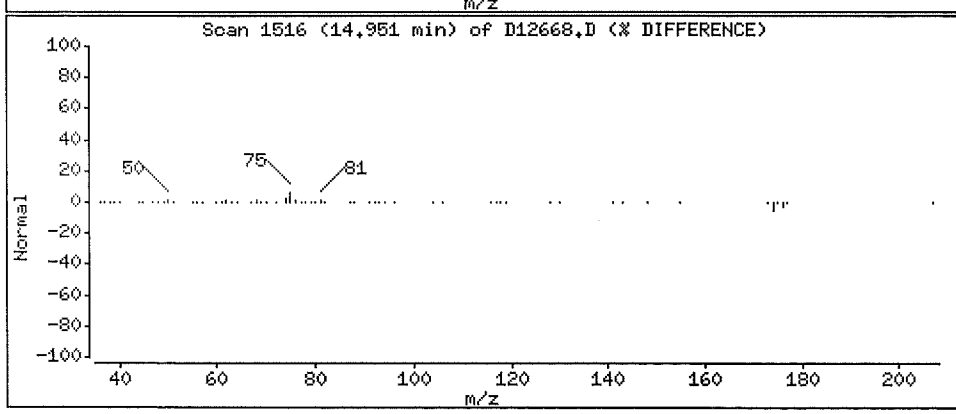
66 4-Bromofluorobenzene-2nd

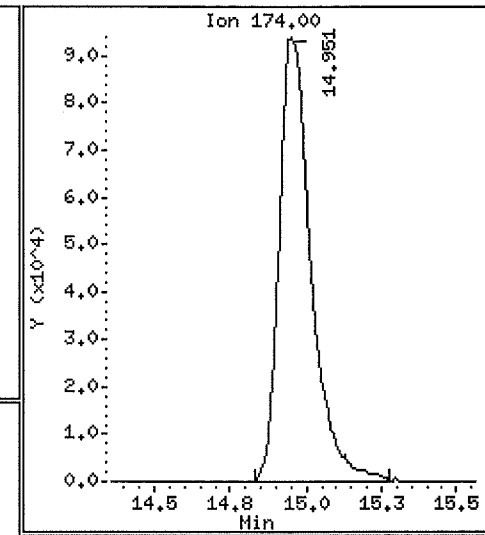
Concentration: 47.15 ug/Kg

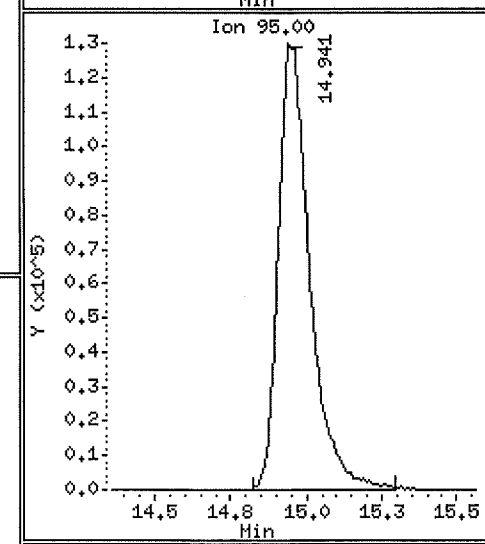


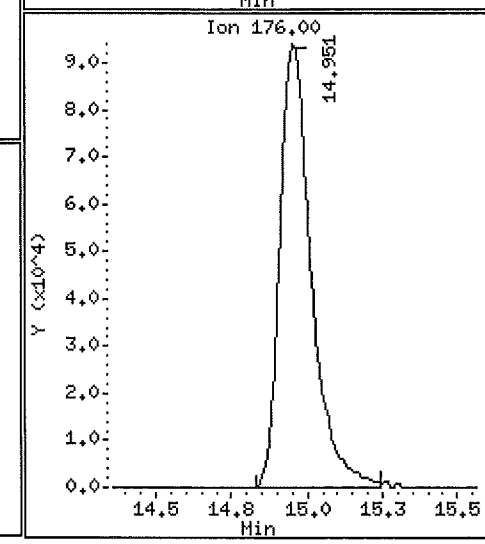












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12668.D

Date : 03-OCT-2000 05:58

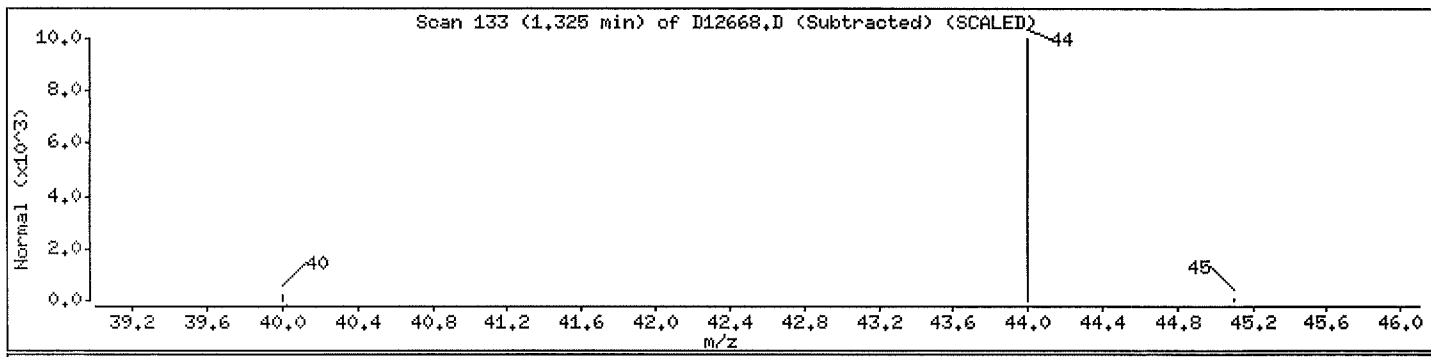
Client ID: D12668 Instrument: md.i

Sample Info: DL3J5101,,2,,0,1,0,8260BDA.M,D12668

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\1002BD.B\D12669.D
Lab Smp Id: DL3J6101 Client Smp ID: D12669
Inj Date : 03-OCT-2000 06:30
Operator : GFB Inst ID: md.i
Smp Info : DL3J6101,,2,,0,1,0,8260BDA.M,D12669
Misc Info : E0I260285-49,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.996	5.983	(0.843)	834330	50.2617	50.26
$ 33 1,2-Dichloroethane-d4	65	6.528	6.525	(0.918)	575040	47.0486	47.05
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.525	(0.918)	112147	42.9839	42.98
* 38 Fluorobenzene	96	7.109	7.096	(1.000)	1225229	50.0000	
$ 47 Toluene-d8	98	9.927	9.924	(0.787)	1127171	46.9719	46.97
* 56 Chlorobenzene-d5	117	12.607	12.613	(1.000)	1082907	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.951	14.958	(0.866)	704482	47.5070	47.51
$ 67 4-Bromofluorobenzene	95	14.961	14.948	(0.867)	968517	45.1565	45.16
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.273	(1.000)	777420	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\1002BD.B\D12669.D
Lab Smp Id: DL3J6101 Client Smp ID: D12669
Inj Date : 03-OCT-2000 06:30
Operator : GFB Inst ID: md.i
Smp Info : DL3J6101,,2,,0,1,0,8260BDA.M,D12669
Misc Info : E0I260285-49,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.109	2929869	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	524985	8.95919172	8.96	0		0	38

CO2

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3J6101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12669
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 Cor	1.326	8.96	_J__

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12669.D

Date : 03-OCT-2000 06:30

Client ID: D12669

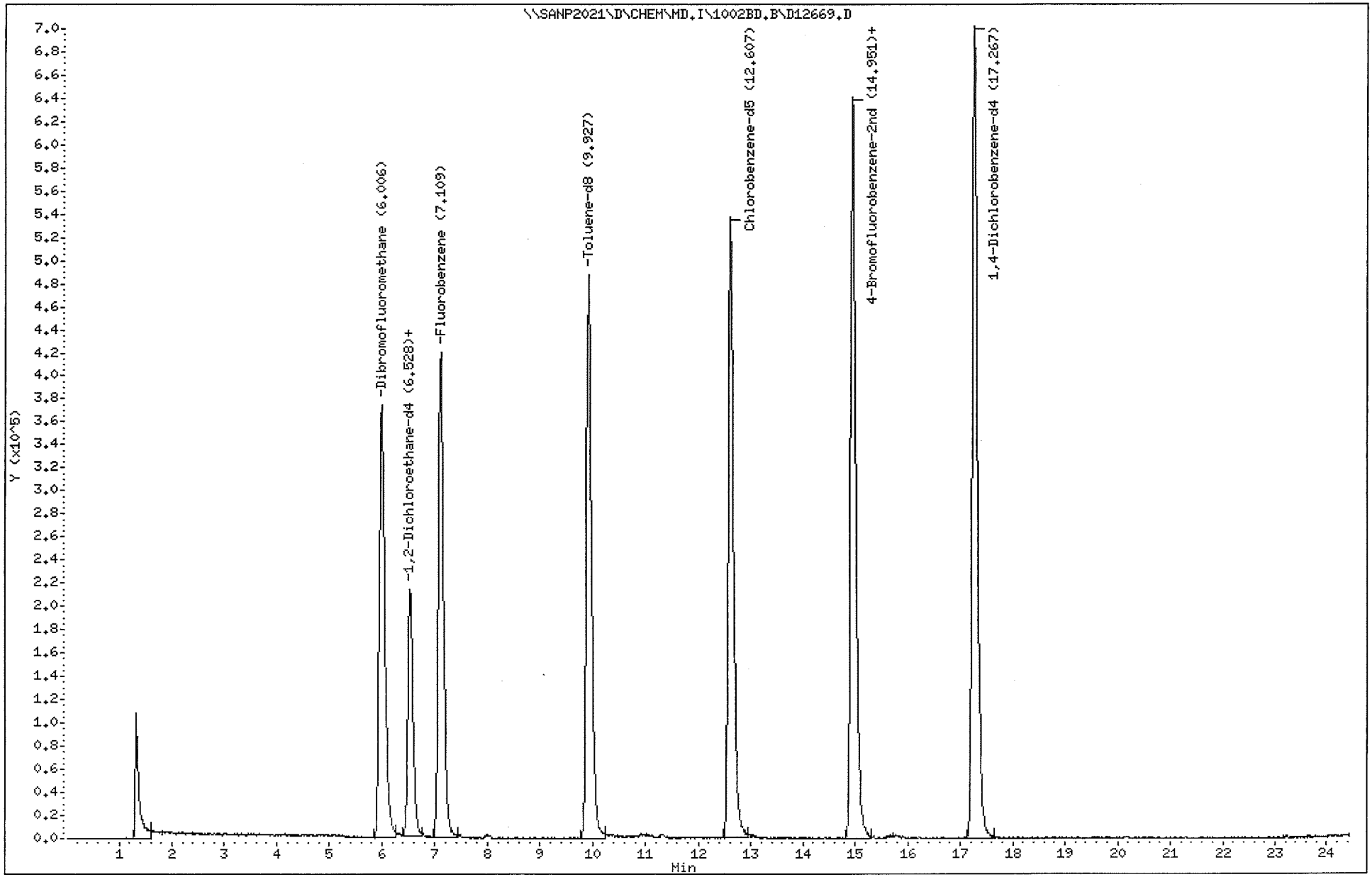
Sample Info: DL3J6101,,2,,0,1,0,8260BDA.M,D12669

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



001013

BOE-C6-0156554

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12669.D

Date : 03-OCT-2000 06:30

Client ID: D12669

Instrument: md.i

Sample Info: DL3J6101,,2,,0,1,0,8260BDA.M,D12669

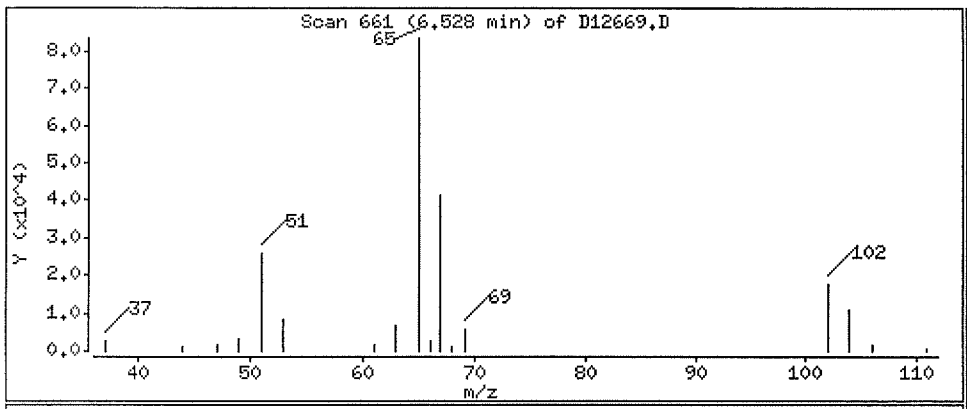
Operator: GFB

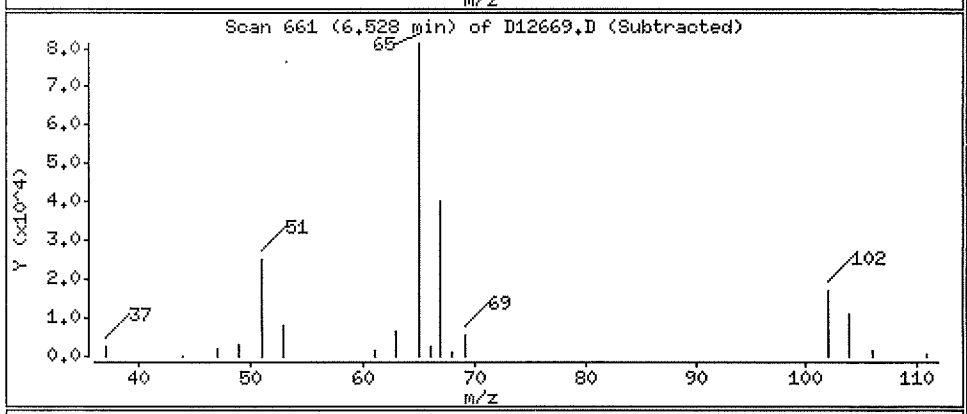
Column phase: J&W DB-624

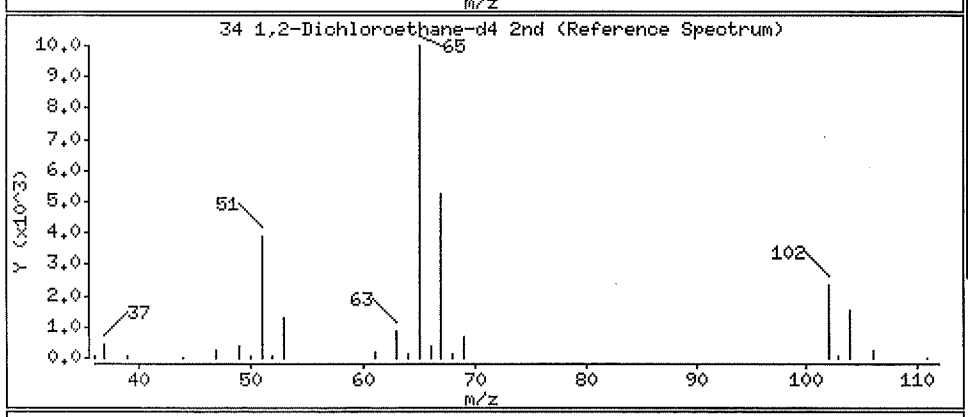
Column diameter: 0.53

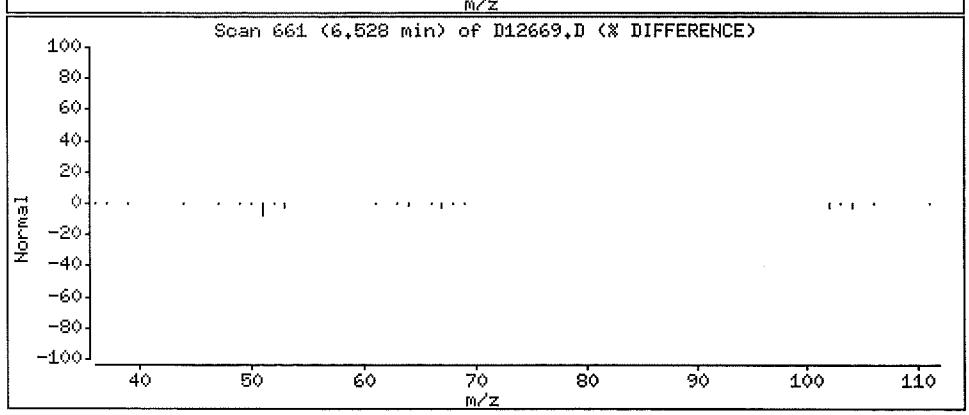
34 1,2-Dichloroethane-d4 2nd

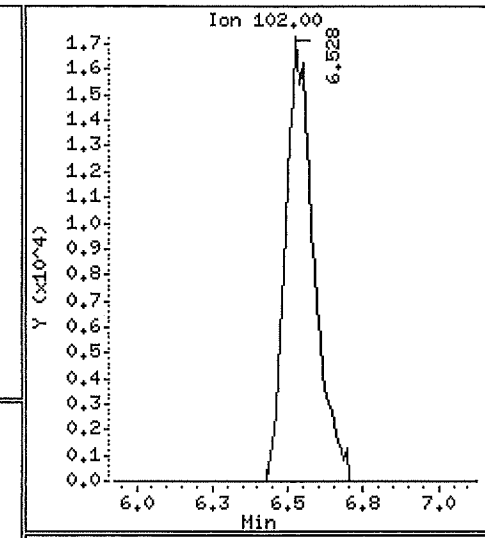
Concentration: 42.98 ug/Kg

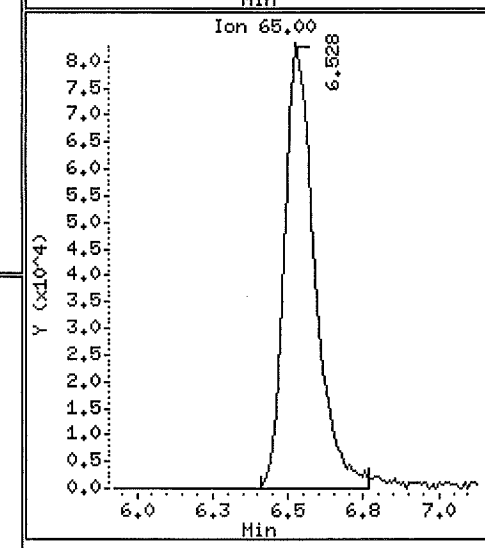












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12669.D

Date : 03-OCT-2000 06:30

Client ID: D12669

Instrument: md.i

Sample Info: DL3J6101,,2,,0,1,0,8260BDA,M,D12669

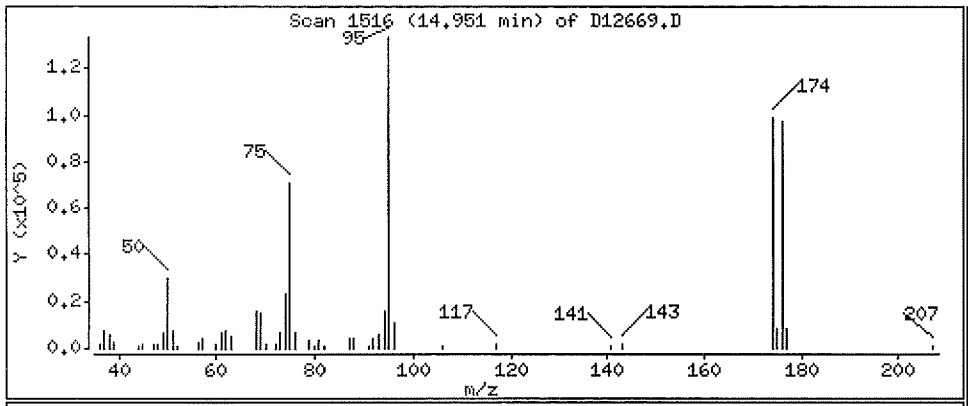
Operator: GFB

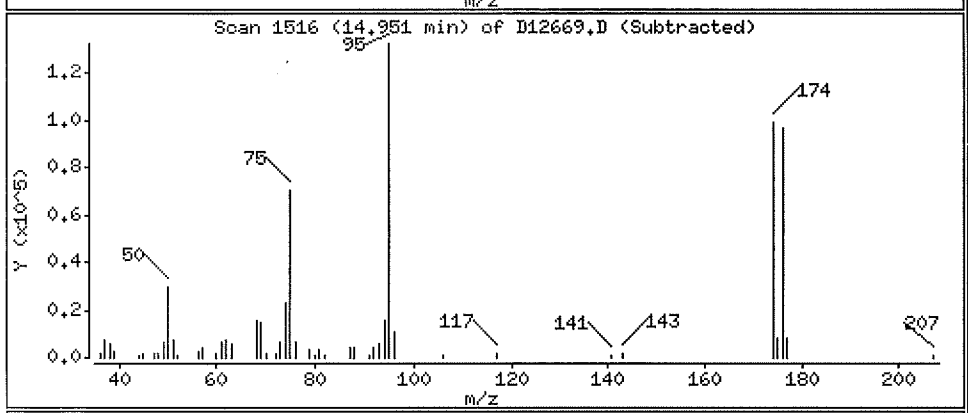
Column phase: J&W DB-624

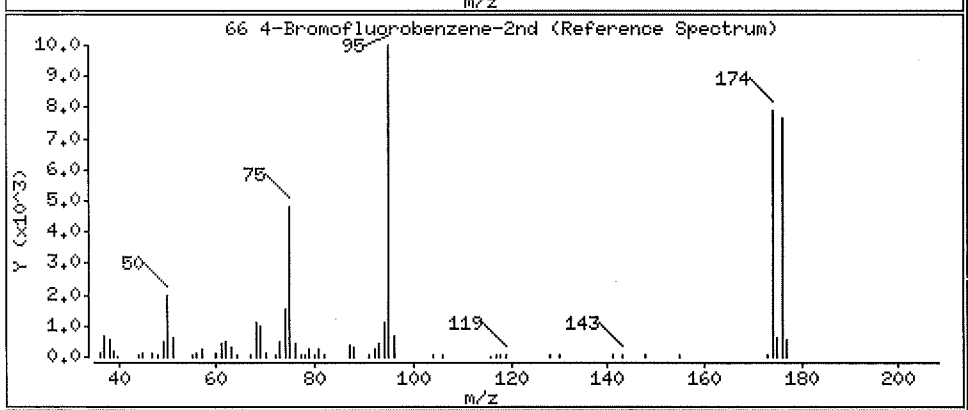
Column diameter: 0.53

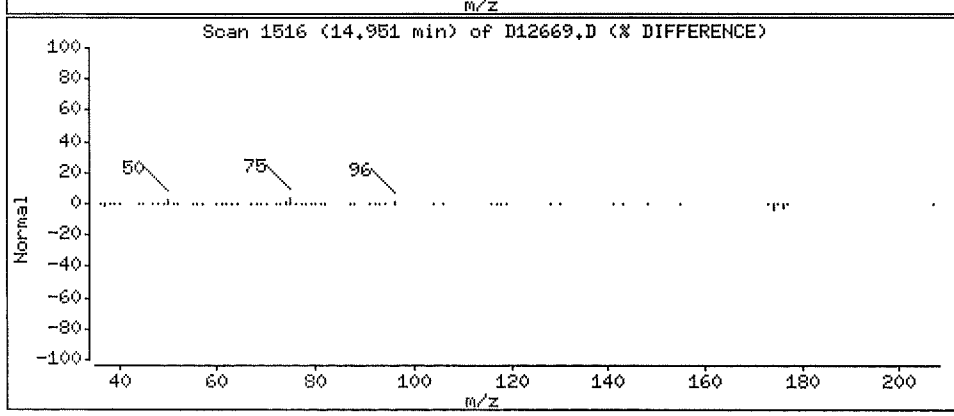
66 4-Bromofluorobenzene-2nd

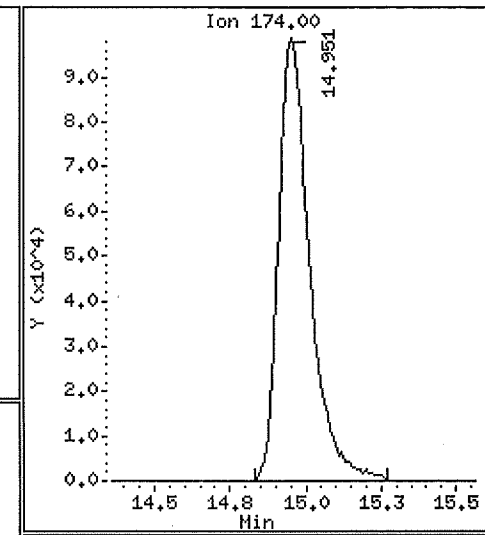
Concentration: 47.51 ug/Kg

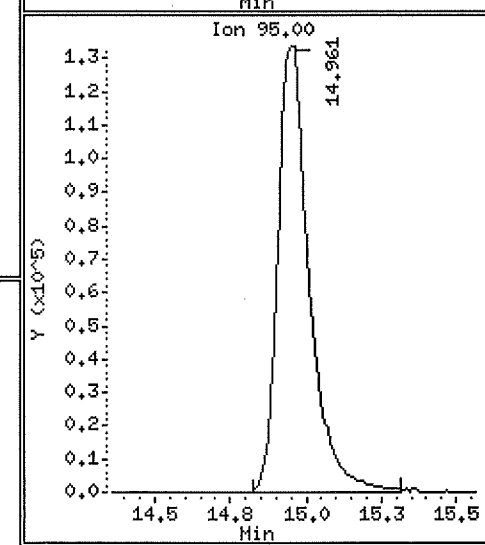


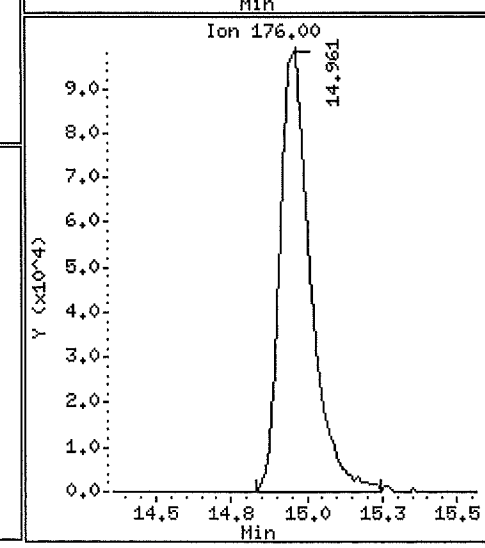












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12669.D

Date : 03-OCT-2000 06:30

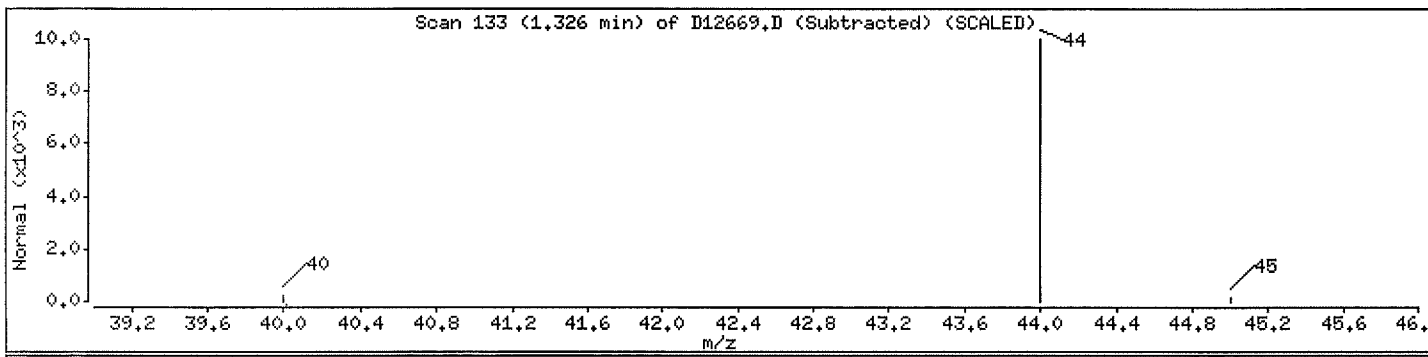
Client ID: D12669 Instrument: md.i

Sample Info: DL3J6101,,2,,0,1,0,8260BDA.M,D12669

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\1002BD.B\D12670.D
Lab Smp Id: DL3J7101 Client Smp ID: D12670
Inj Date : 03-OCT-2000 07:02
Operator : GFB Inst ID: md.i
Smp Info : DL3J7101,,2,,0,1,0,8260BDA.M,D12670
Misc Info : E0I260285-50,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	5.982	5.983	(0.843)	832728	50.7078	50.71	
$ 33 1,2-Dichloroethane-d4	65	6.524	6.525	(0.919)	549729	45.4641	45.46	
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.525	(0.919)	106844	41.3945	41.39	
* 38 Fluorobenzene	96	7.095	7.096	(1.000)	1212119	50.0000		
$ 47 Toluene-d8	98	9.913	9.924	(0.786)	1104352	46.9989	47.00	
* 56 Chlorobenzene-d5	117	12.613	12.613	(1.000)	1060375	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.948	14.958	(0.865)	660435	47.7390	47.74	
$ 67 4-Bromofluorobenzene	95	14.948	14.948	(0.865)	896027	44.7806	44.78	
* 79 1,4-Dichlorobenzene-d4	152	17.273	17.273	(1.000)	725271	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\1002BD.B\D12670.D
Lab Smp Id: DL3J7101 Client Smp ID: D12670
Inj Date : 03-OCT-2000 07:02
Operator : GFB Inst ID: md.i
Smp Info : DL3J7101,,2,,0,1,0,8260BDA.M,D12670
Misc Info : E0I260285-50,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.095	2859620	50.000

		CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #	
Unknown				CAS #:				
1.322	593771	10.3819877	10.38	0		0	38	CO2

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3J7101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12670
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 Lor	1.322	10.38	J

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12670.D

Date : 03-OCT-2000 07:02

Client ID: D12670

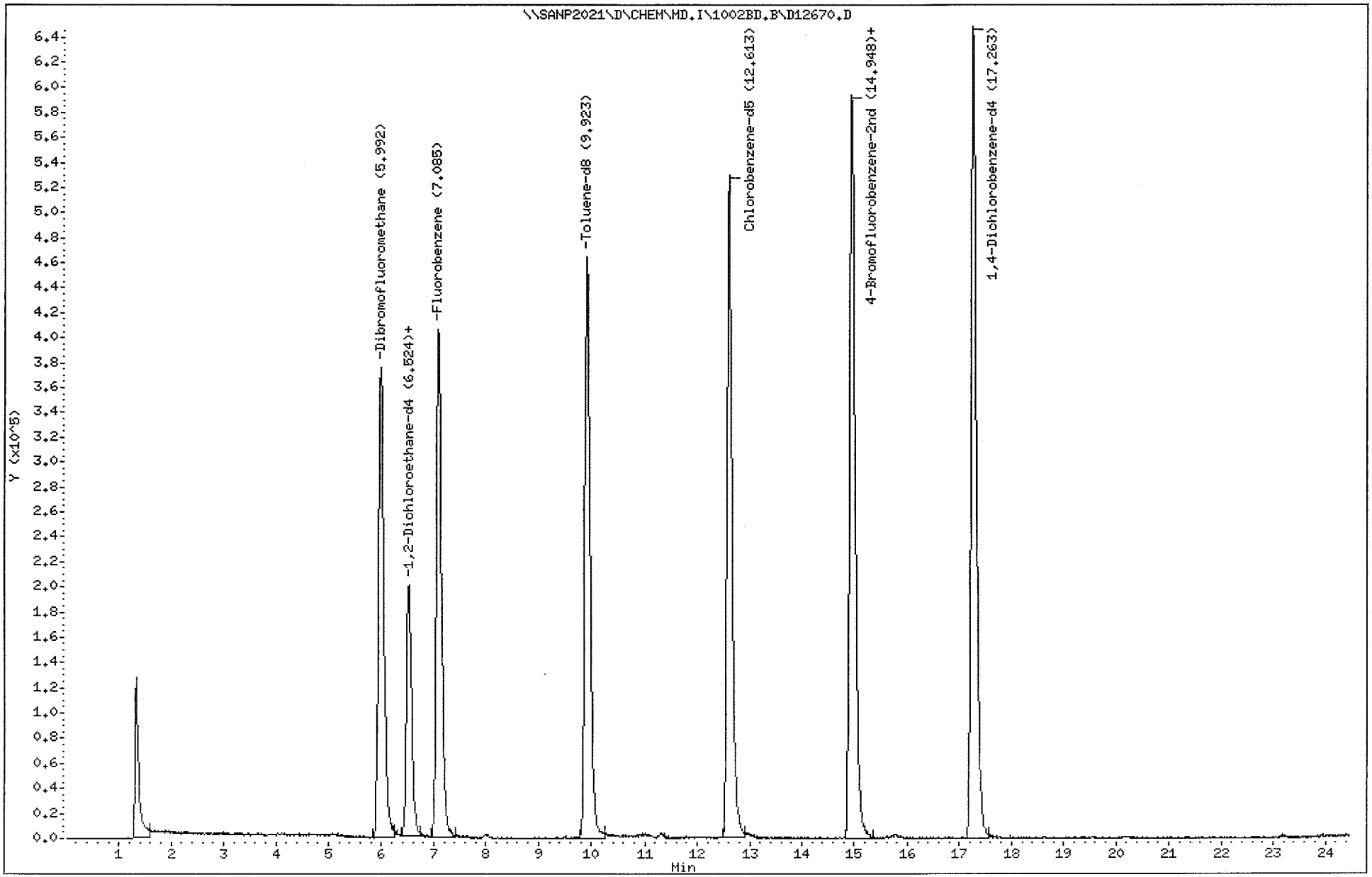
Sample Info: DL3J7101,,2,,0,1,0,8260BDA.M,D12670

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



001020

BOE-C6-0156561

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12670.D

Date : 03-OCT-2000 07:02

Client ID: D12670

Instrument: md.i

Sample Info: DL3J7101,,2,,0,1,0,8260BDA,M,D12670

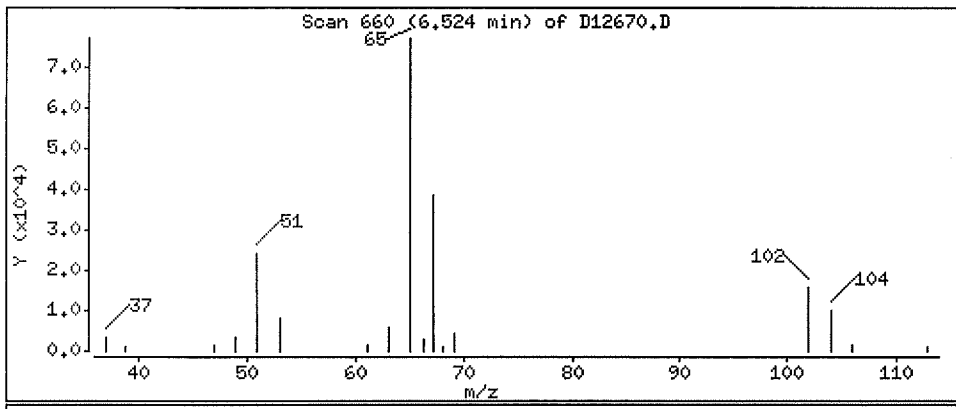
Operator: GFB

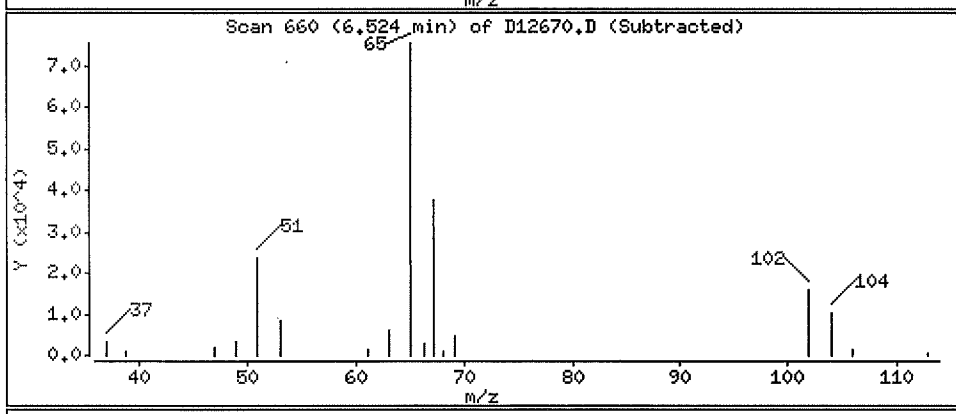
Column phase: J&W DB-624

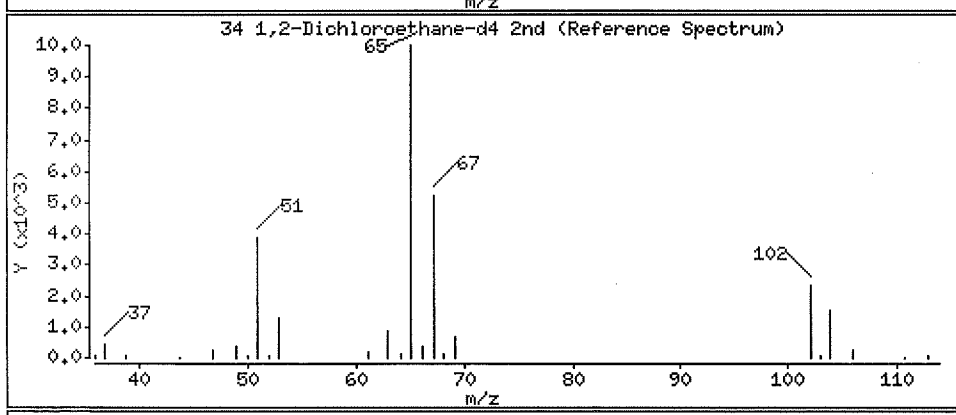
Column diameter: 0.53

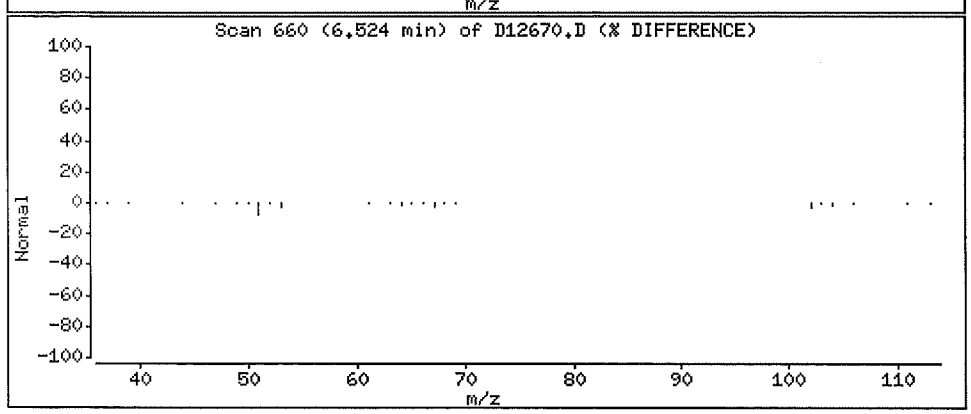
34 1,2-Dichloroethane-d4 2nd

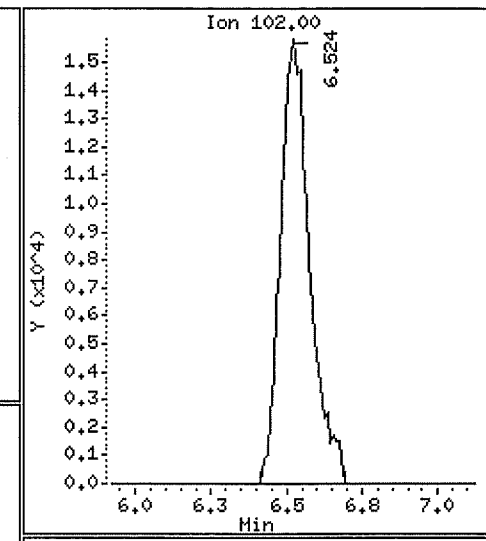
Concentration: 41.39 ug/Kg

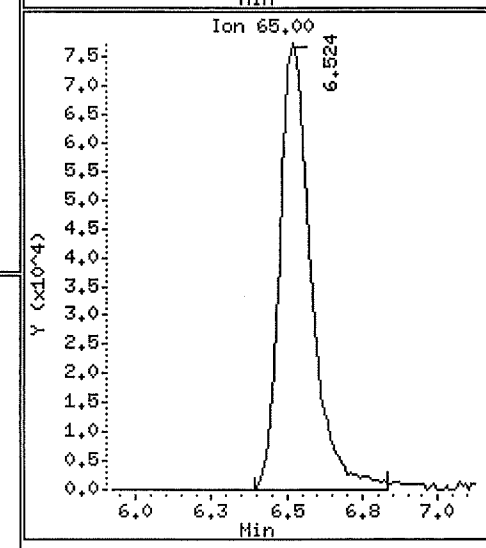












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12670.D

Date : 03-OCT-2000 07:02

Client ID: D12670

Instrument: md.i

Sample Info: DL3J7101,,2,,0,1,0,8260BDA.M,D12670

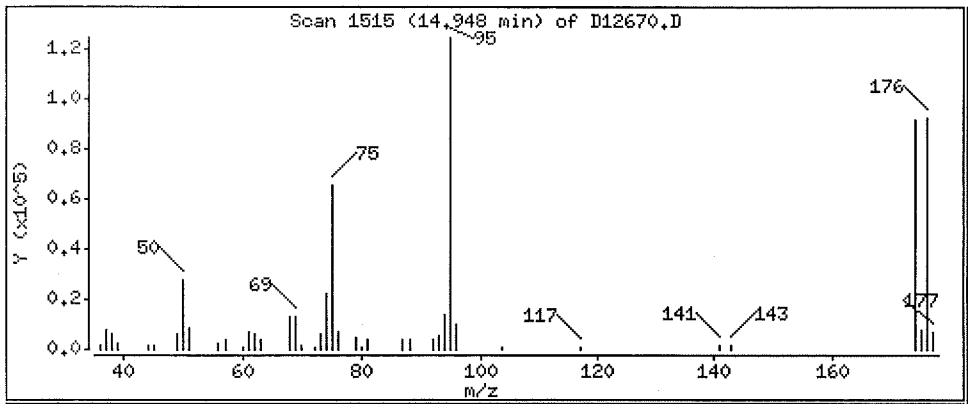
Operator: GFB

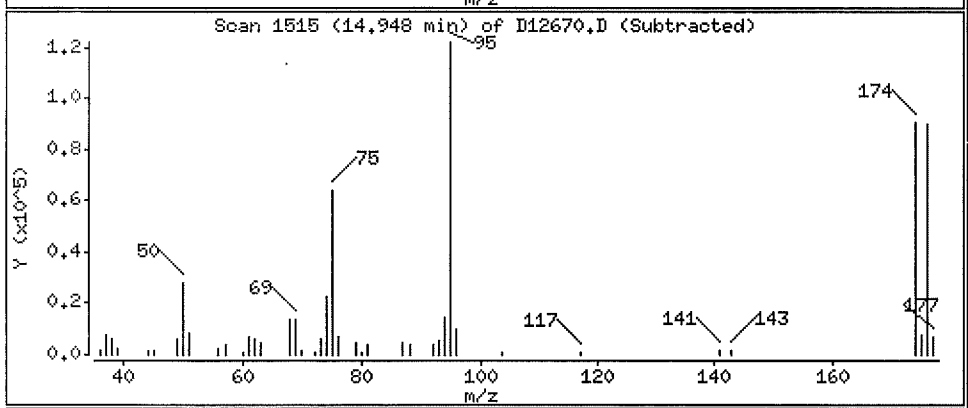
Column phase: J&W DB-624

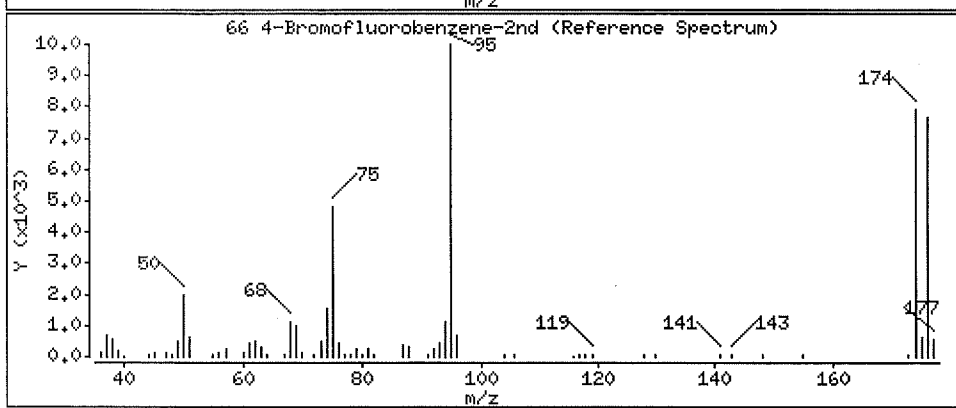
Column diameter: 0.53

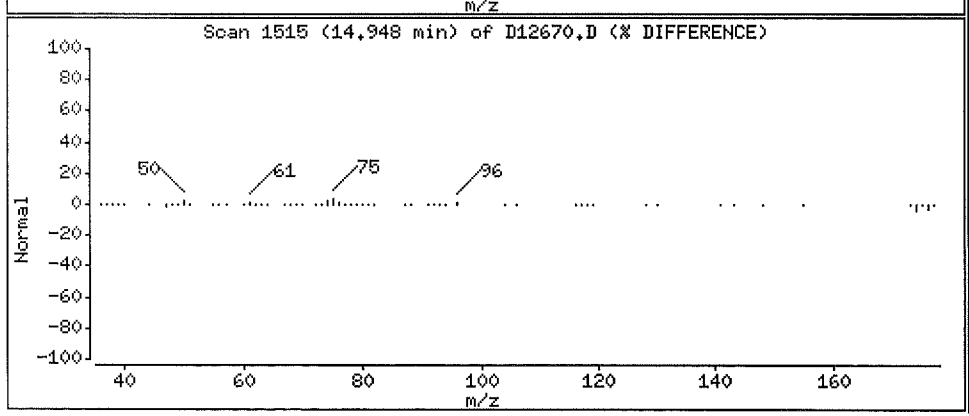
66 4-Bromofluorobenzene-2nd

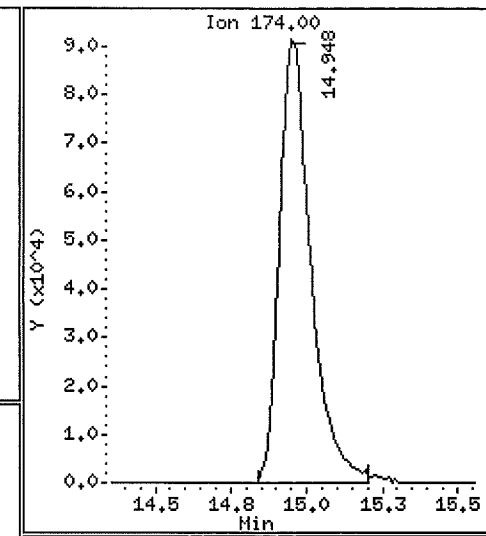
Concentration: 47.74 ug/Kg

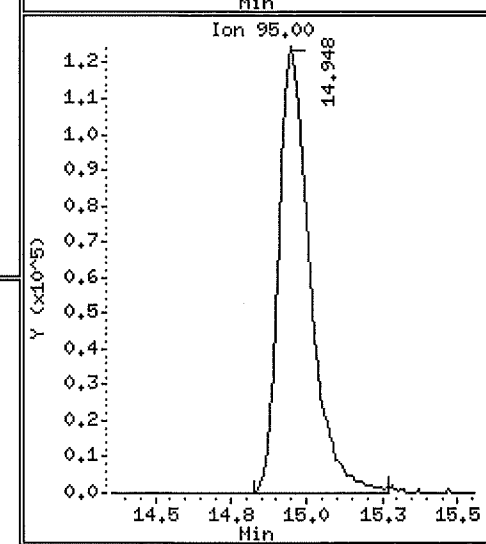


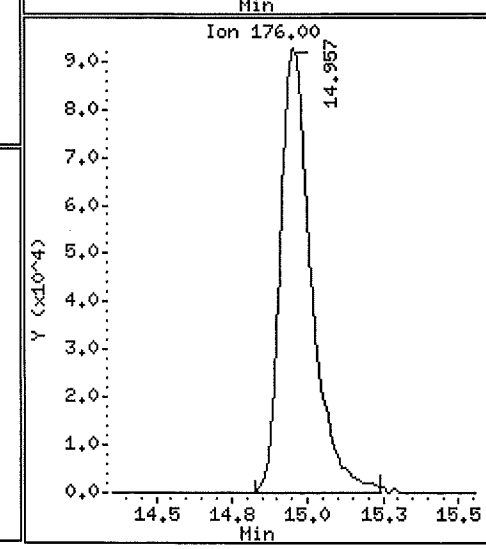












Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12670.D

Date : 03-OCT-2000 07:02

Client ID: D12670

Instrument: md.i

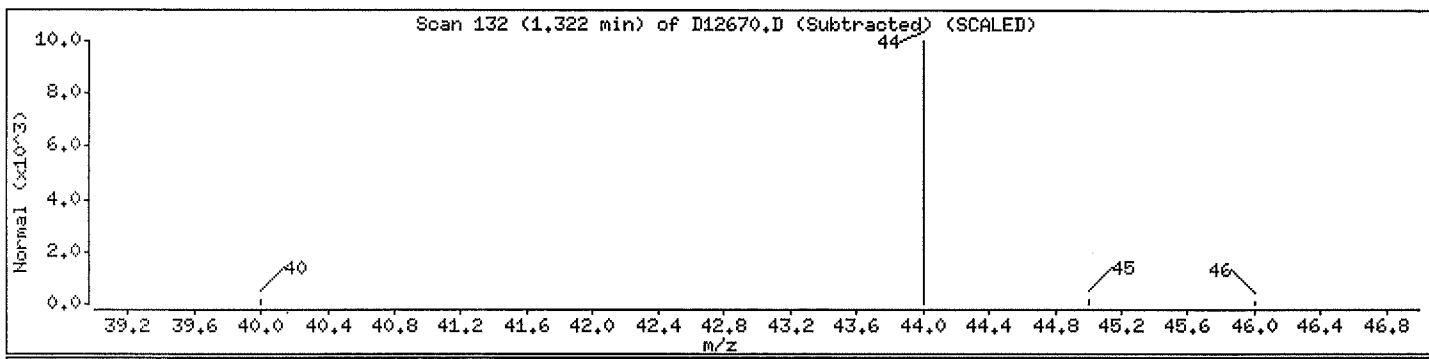
Sample Info: DL3J7101,,2,,0,1,0,8260BDA.M,D12670

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\1002BD.B\D12671.D
Lab Smp Id: DL3J8101 Client Smp ID: D12671
Inj Date : 03-OCT-2000 07:33
Operator : GFB Inst ID: md.i
Smp Info : DL3J8101,,2,,0,1,0,8260BDA.M,D12671
Misc Info : E0I260285-51,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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)	
$ 29 Dibromofluoromethane	111	5.986	5.983	(0.842)	814582	49.5638	49.56	
$ 33 1,2-Dichloroethane-d4	65	6.528	6.525	(0.918)	553864	45.7701	45.77	
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.525	(0.917)	105307	40.7666	40.77	
* 38 Fluorobenzene	96	7.109	7.096	(1.000)	1213074	50.0000		
$ 47 Toluene-d8	98	9.927	9.924	(0.787)	1105356	46.8262	46.83	
* 56 Chlorobenzene-d5	117	12.617	12.613	(1.000)	1065254	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.952	14.958	(0.866)	682265	46.9847	46.98	
$ 67 4-Bromofluorobenzene	95	14.942	14.948	(0.865)	914108	43.5237	43.52	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.273	(1.000)	761272	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\1002BD.B\D12671.D
Lab Smp Id: DL3J8101 Client Smp ID: D12671
Inj Date : 03-OCT-2000 07:33
Operator : GFB Inst ID: md.i
Smp Info : DL3J8101,,2,,0,1,0,8260BDA.M,D12671
Misc Info : E0I260285-51,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1002BD.B\8260BDA.m
Meth Date : 02-Oct-2000 21:31 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	7.109	2841544	50.000

		CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #	
Unknown				CAS #:				
1.326	524897	9.23611865	9.24	0		0	38	CO2

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DL3J8101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa89669
Client Smp ID: D12671
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.326	9.24	J

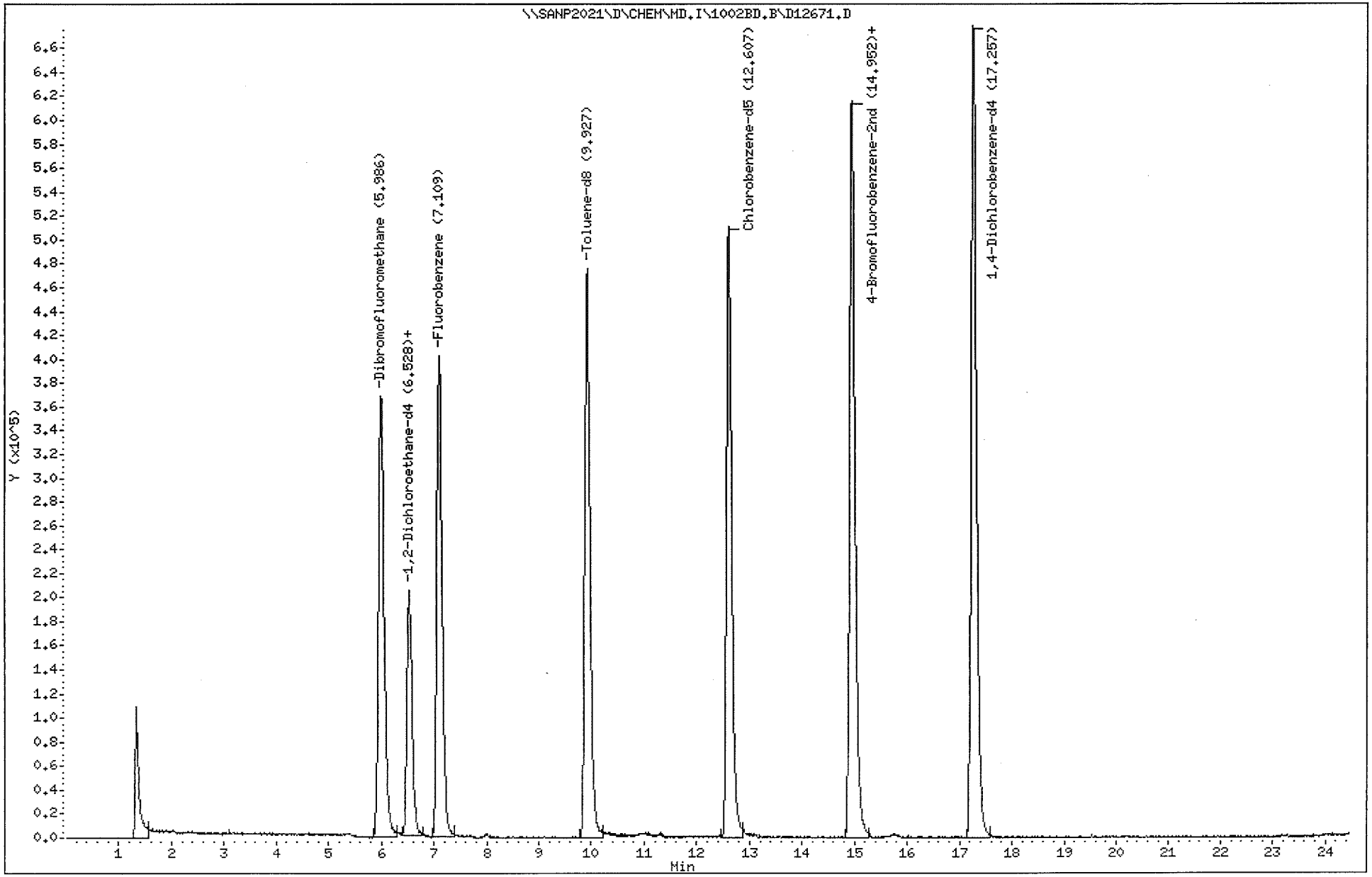
Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12671.D
Date : 03-OCT-2000 07:33
Client ID: D12671
Sample Info: DL3J8101,,2,,0,1,0,8260BDA.M,D12671

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



001027

BOE-C6-0156568

Data File: \\SANP2021\D\CHEM\MD.I\1002BD.B\D12671.D

Date : 03-OCT-2000 07:33

Client ID: D12671

Instrument: md.i

Sample Info: DL3J8101,,2,,0,1,0,8260BDA,M,D12671

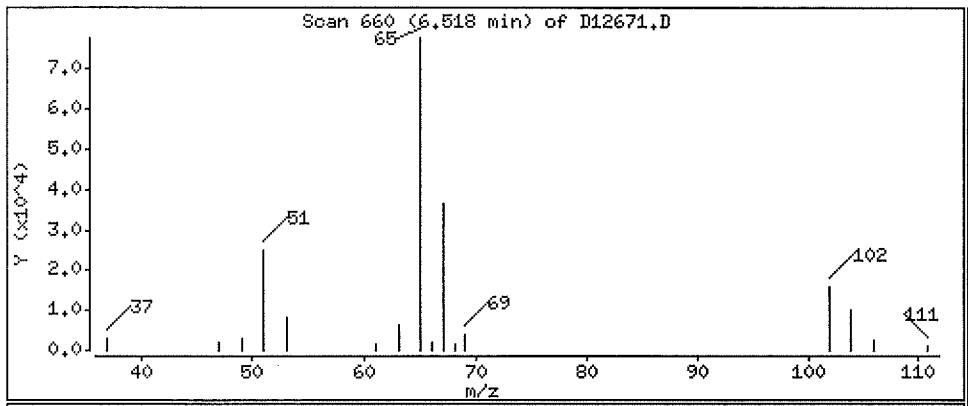
Operator: GFB

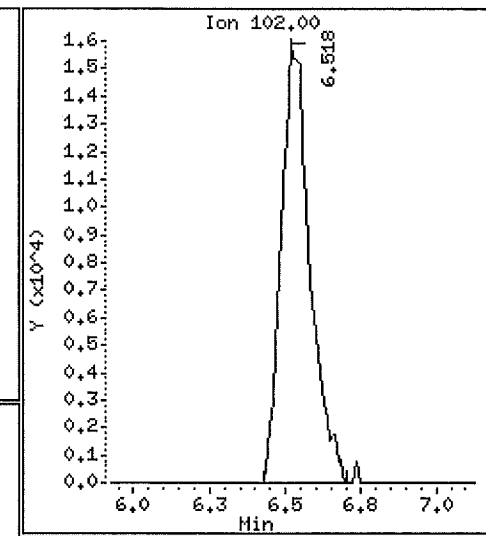
Column phase: J&W DB-624

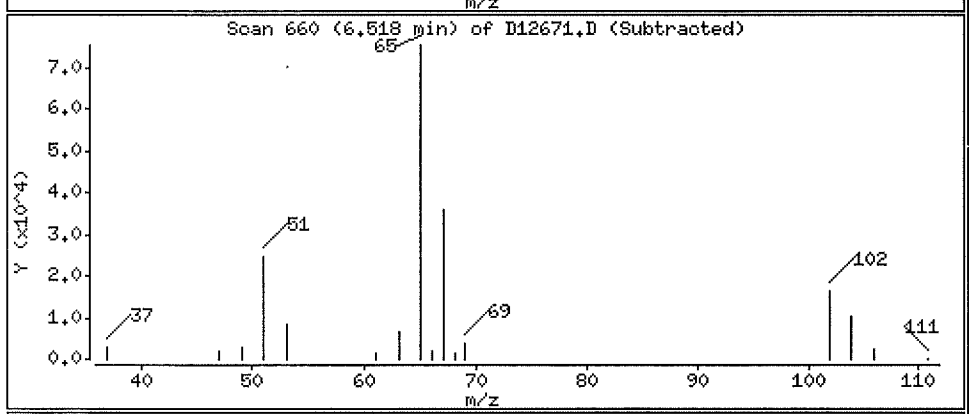
Column diameter: 0.53

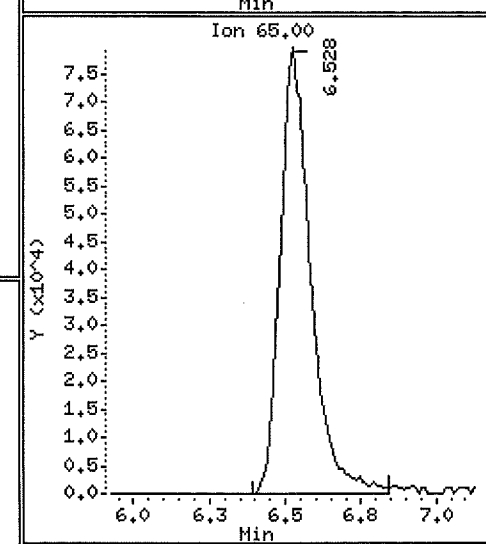
34 1,2-Dichloroethane-d4 2nd

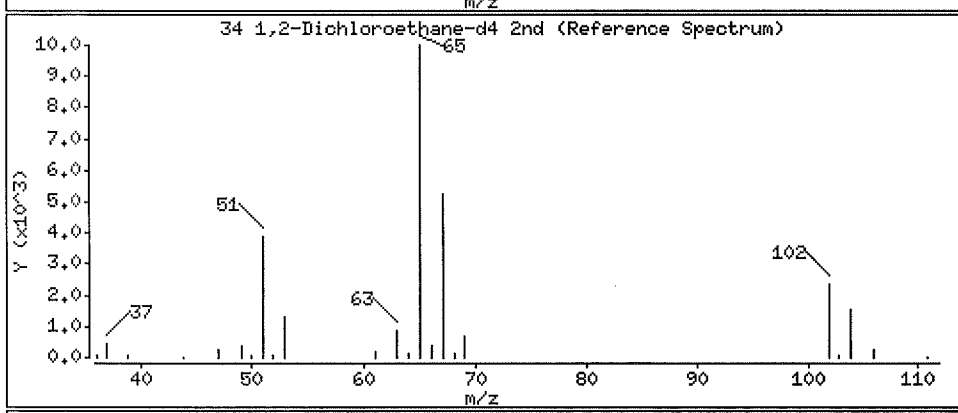
Concentration: 40.77 ug/Kg

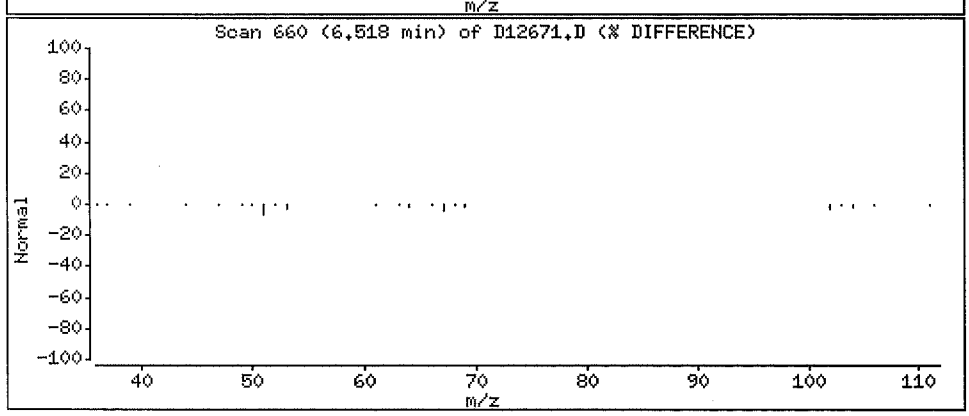












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Date : 03-OCT-2000 07:33

Client ID: D12671

Instrument: md.i

Sample Info: DL3J8101,,2,,0,1,0,8260BDA,M,D12671

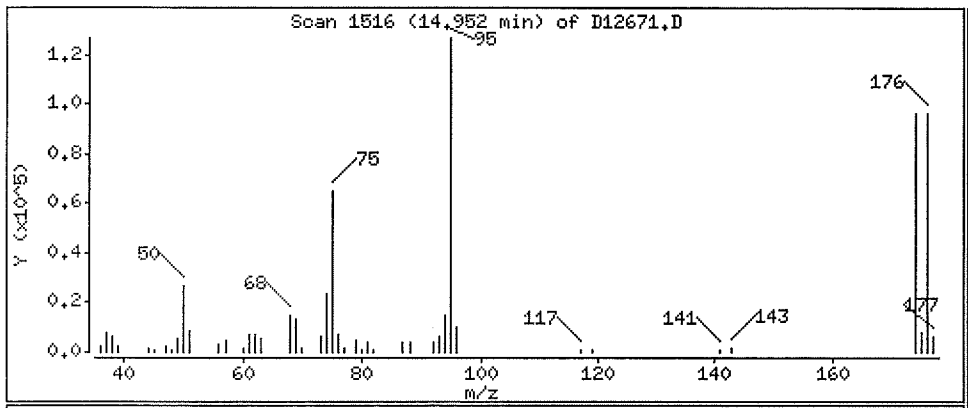
Operator: GFB

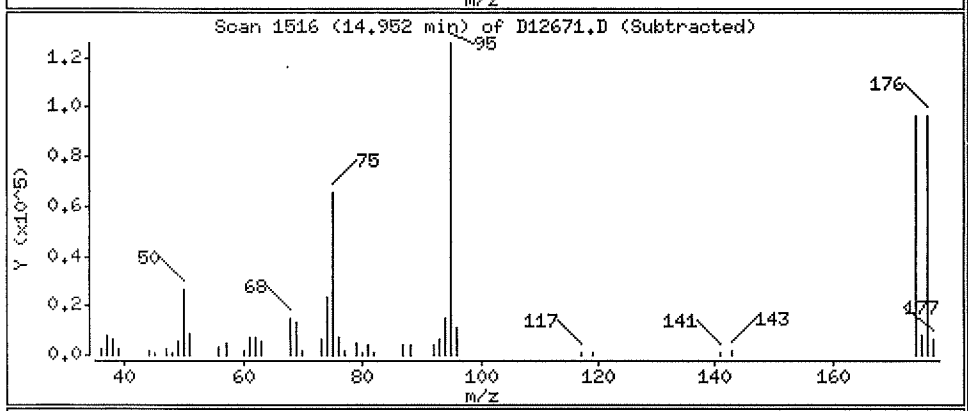
Column phase: J&W DB-624

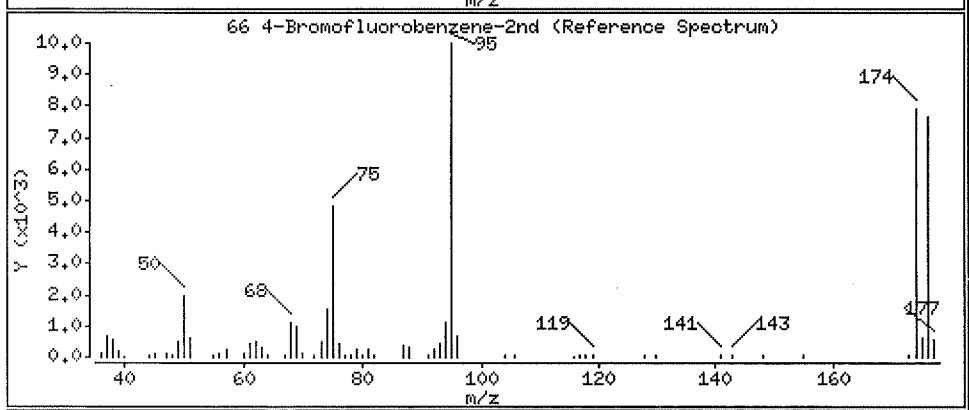
Column diameter: 0.53

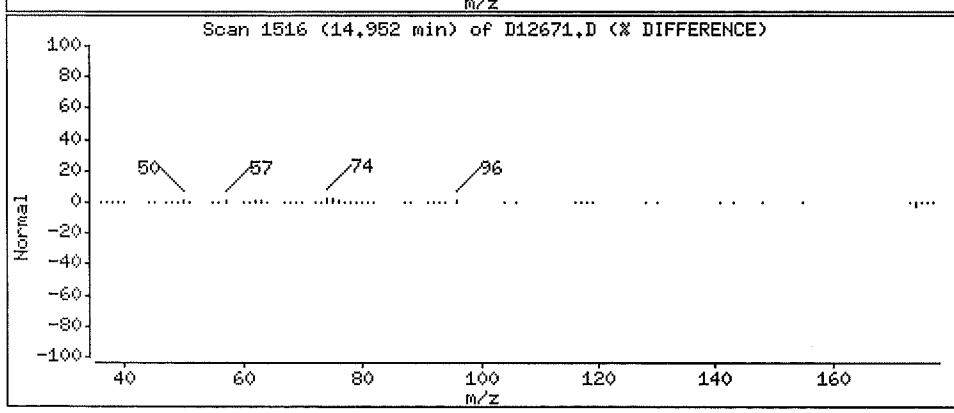
66 4-Bromofluorobenzene-2nd

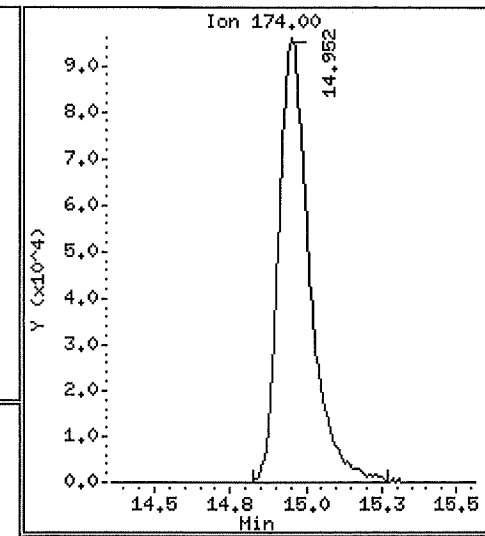
Concentration: 46.98 ug/Kg

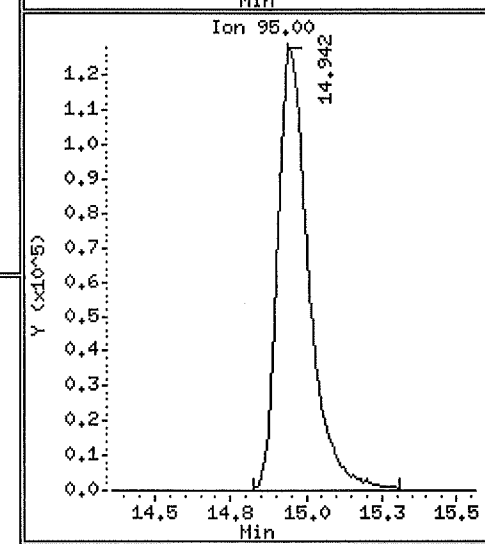


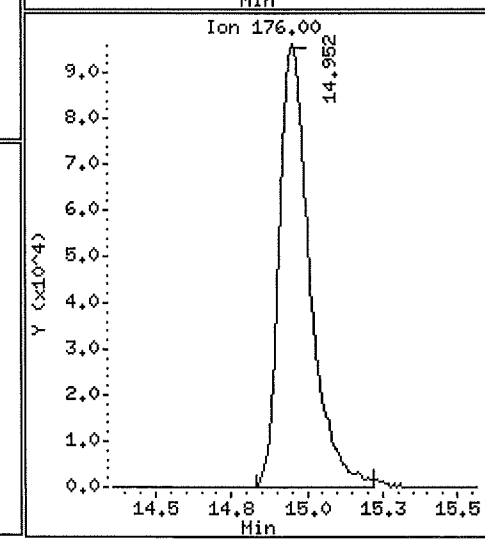












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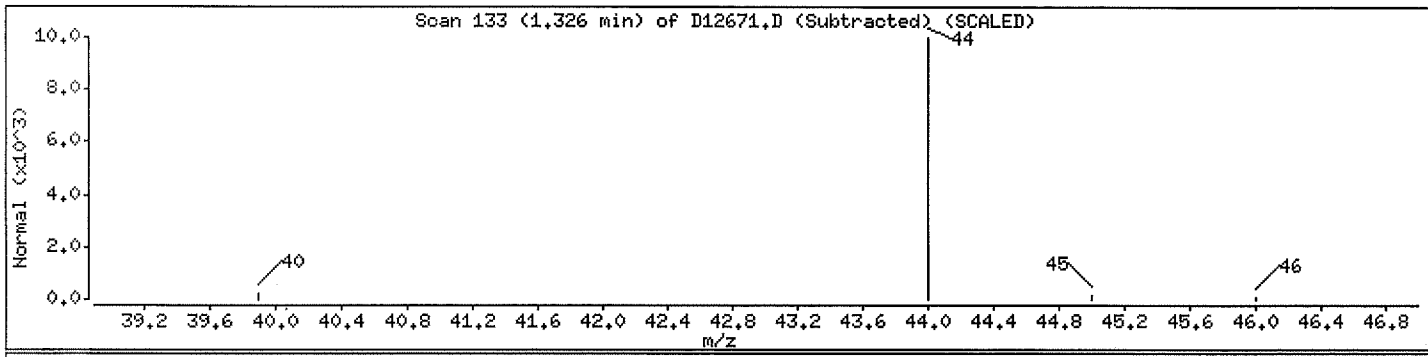
Date : 03-OCT-2000 07:33

Client ID: D12671 Instrument: md.i

Sample Info: DL3J8101,,2,,0,1,0,8260BDA.M,D12671

Operator: GFB

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

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