8260B SAMPLE / QC DATA

DATE ANALYZED: 101600

INSTRUMENT ID: MSD

SAMPLES: EO5040325-1-21

atch ID: 0291446

GC/MS VOA Run Log

FJK 10/20/00

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

nstID: MSD | EM Set: 1706 | Tune File: BFB.U | Seq File: 10116/B1D

nit. Cal ID: 8260BDA 10-4-2000 | Date: 10/6/2000 PM

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
20:00	AD	DT1582	50ngB173	1		1µ			✓			MSVOA1198-1
20:20		DS2525	50ppb826013	1	S	5g	10	143	✓			IMS-2, SS-1, SS-1
21:01		D13092	LCS-1016BD	2				145	✓			Q160-1
22:15		93	MB-1016BD	3				141	✓			
22:47		94	DLJMF101	4				143	✓			FOJ040325-1
23:18		95	DLJMG101	5				134	✓			-2
23:50		96	DLJMH102S	6				138	✓			-1MS
0:22		97	DLJMH103D	7				143	✓			-1MD
0:53		98	DLJMHC101	8				133	✓			-3
1:25		99	DLJMJ101	9				131	✓			-4
1:57		D131 00	DLJMK101	10				131	✓			-5
2:29		01	DLJML101	11				125	✓			-6
3:01		02	DLJMM101	12				128	✓			-7
3:32		03	DLJMN101	13				129	✓			-8
4:04		04	DLJMP101	14				113	✓			-9
4:36		05	DLJMQ101	15				129	✓			-10
5:07		06	DLJMR101	16				121	✓			-11
5:39		07	DLJMT101	17				129	✓			-12
6:11		08	DLJNU101	18				123	✓			-16
6:43		09	DLJNL101	19				125	✓			-17
6:43		10	DLJN210	20				131	✓			-18
7:15		11	DLJN310	21				125	✓			-19
7:46		D131 12	DLJN510	22				124	✓			-21

000108

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

Version 01/04/99

BOE-C6-0169677

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA54651

Lab File ID (Standard): DS2545 Date Analyzed: 10/16/00

Instrument ID: MD Time Analyzed: 2020

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	1436932	7.09	1249747	12.59	924613	17.25
	UPPER LIMIT	2873864	7.59	2499494	13.09	1849226	17.75
	LOWER LIMIT	718466	6.59	624874	12.09	462307	16.75
	EPA SAMPLE NO.						
01	D13092	1456513	7.09	1269602	12.60	933020	17.25
02	D13093	1415149	7.08	1268840	12.61	901513	17.26
03	D13094	1369084	7.08	1175579	12.61	764580	17.26
04	D13095	1343826	7.09	1206388	12.60	864886	17.25
05	D13096	1393765	7.09	1226358	12.61	915438	17.26
06	D13097	1438536	7.09	1245588	12.59	917132	17.25
07	D13098	1331152	7.10	1171603	12.61	812147	17.26
08	D13099	1319112	7.09	1183493	12.61	824901	17.26
09	D13100	1319820	7.09	1176586	12.61	807590	17.26
10	D13101	1254995	7.09	1121017	12.60	746267	17.26
11	D13102	1281844	7.08	1140454	12.60	763534	17.25
12	D13103	1298518	7.08	1179617	12.61	837967	17.25
13	D13104	1133985	7.09	995170	12.60	684795	17.26
14	D13105	1244362	7.09	1102454	12.61	734703	17.26
15	D13106	1216122	7.09	1064625	12.61	703769	17.26
16	D13107	1290248	7.09	1141948	12.61	801392	17.26
17	D13108	1237356	7.08	1093238	12.60	705215	17.26
18	D13109	1255712	7.08	1144397	12.61	812385	17.26
19	D13110	1311563	7.09	1206614	12.60	867027	17.25
20	D13111	1257296	7.09	1147784	12.61	820050	17.26
21	D13112	1242355	7.08	1069951	12.60	684100	17.25
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\1016BD.B\DT1582.D
Lab Smp Id:
Inj Date : 16-OCT-2000 20:00
Operator : AD Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.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		
1.8049	1.8000	(0.000)	95	83194			0.00- 100.00	100.00
1.8049	1.8000	(0.000)	50	16312			15.00- 40.00	19.61
1.8049	1.8000	(0.000)	75	42080			30.00- 60.00	50.58
1.8049	1.8000	(0.000)	96	6632			5.00- 9.00	7.97
1.8049	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.8049	1.8000	(0.000)	174	65266			50.00- 0.00	78.45
1.8049	1.8000	(0.000)	175	5440			5.00- 9.00	8.34
1.8049	1.8000	(0.000)	176	63482			95.00- 101.00	97.27
1.8049	1.8000	(0.000)	177	4697			5.00- 9.00	7.40

MD 10/16/2000

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\DT1582.D

Date : 16-OCT-2000 20:00

Client ID:

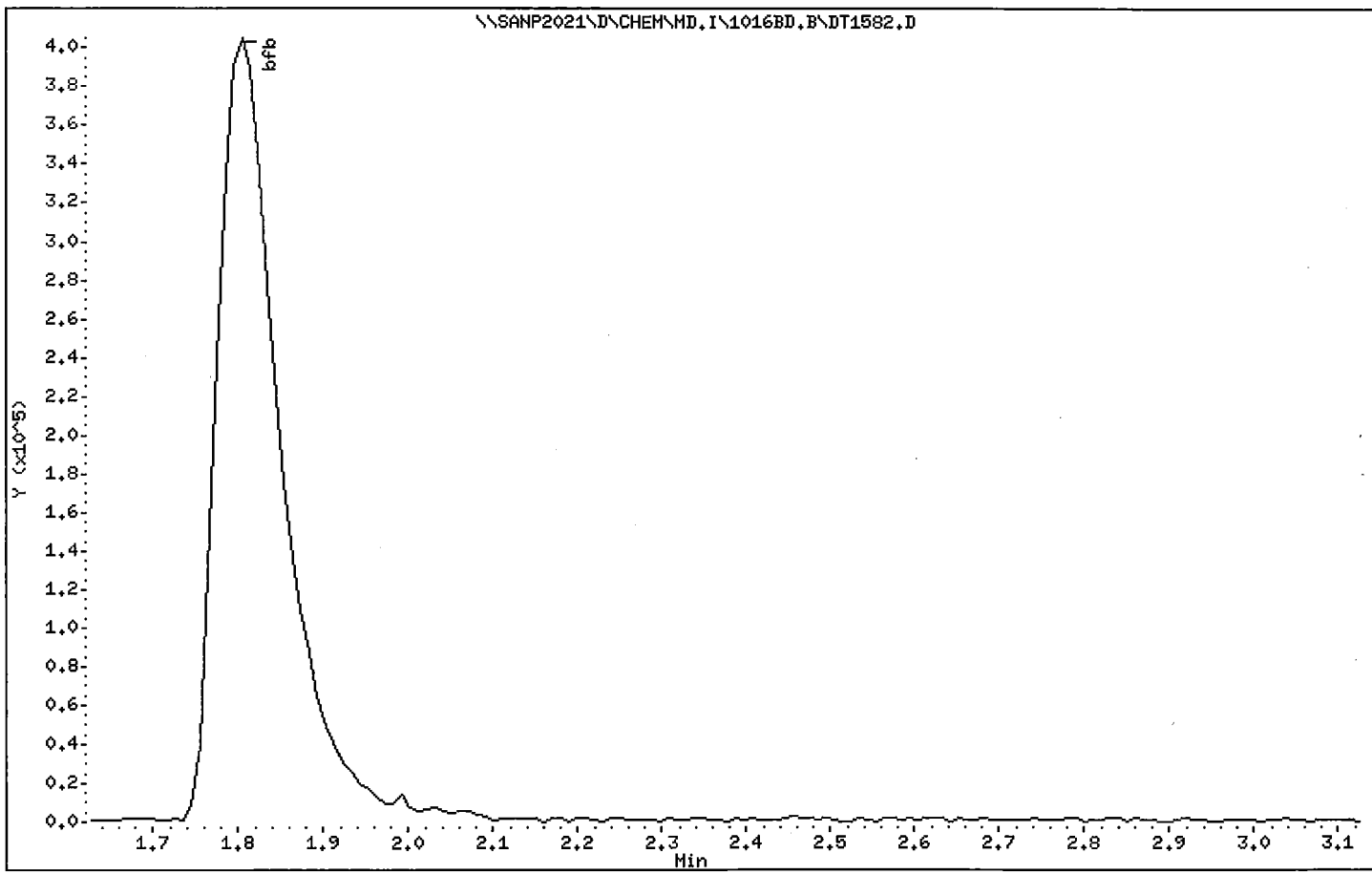
Instrument: md.i

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

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\DT1582.D

Date : 16-OCT-2000 20:00

Client ID:

Instrument: md.i

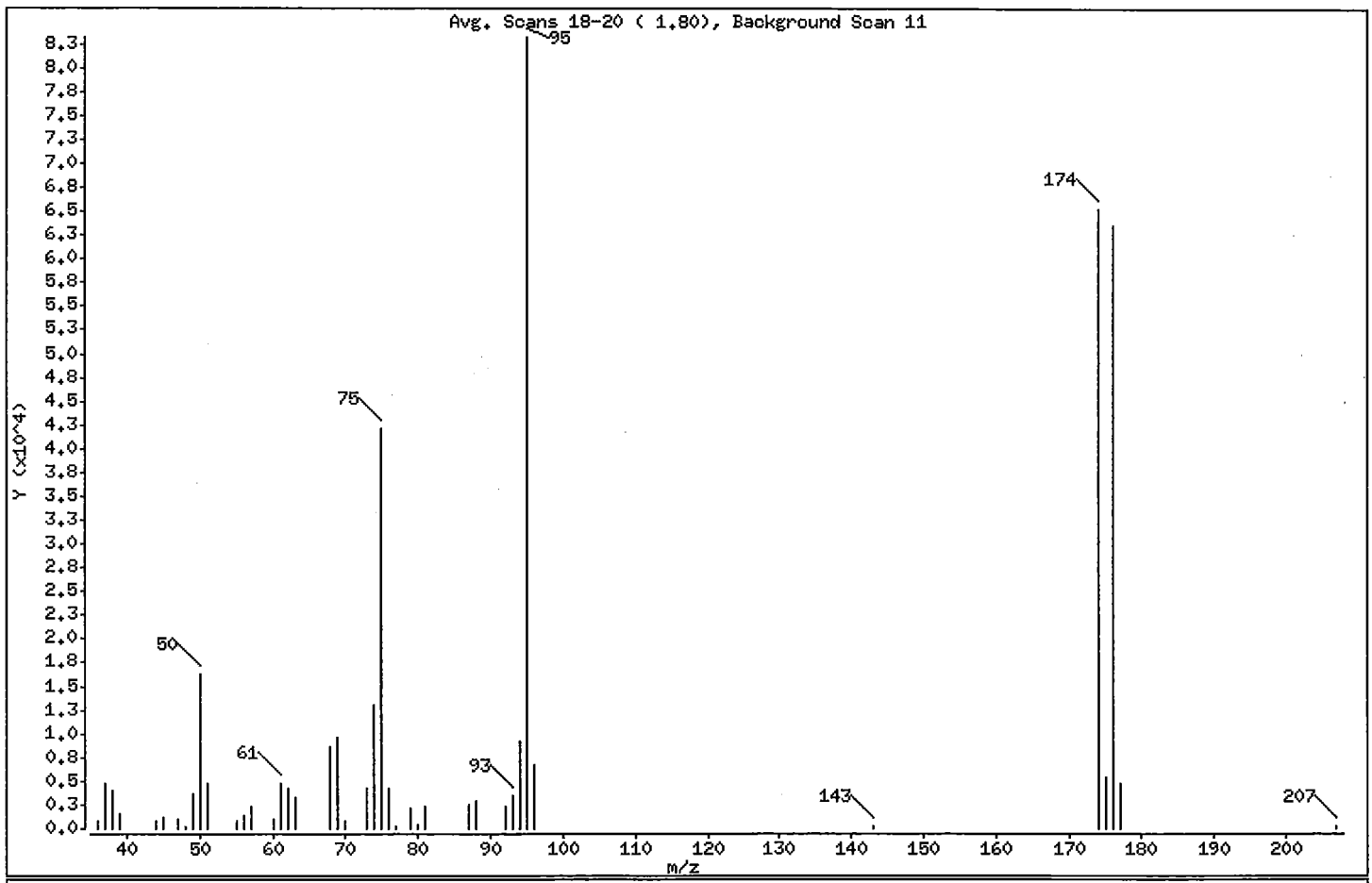
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.61
75	30.00 - 60.00% of mass 95	50.58
96	5.00 - 9.00% of mass 95	7.97
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	78.45
175	5.00 - 9.00% of mass 174	6.54 (8.34)
176	95.00 - 101.00% of mass 174	76.31 (97.27)
177	5.00 - 9.00% of mass 176	5.65 (7.40)

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\DT1582.D

Date : 16-OCT-2000 20:00

Client ID:

Instrument: md.i

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

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1582.D
Spectrum: Avg. Scans 18-20 (1.80), Background Scan 11
Location of Maximum: 95.00
Number of points: 42

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	798	55.00	851	74.00	13060	94.00	9123
37.00	4720	56.00	1355	75.00	42080	95.00	83192
38.00	3962	57.00	2303	76.00	4155	96.00	6632
39.00	1488	60.00	1011	77.00	254	143.00	251
44.00	831	61.00	4876	79.00	2108	174.00	65264
45.00	1054	62.00	4154	80.00	322	175.00	5440
47.00	1023	63.00	3277	81.00	2252	176.00	63480
48.00	272	68.00	8676	87.00	2432	177.00	4697
49.00	3681	69.00	9548	88.00	2786	207.00	188
50.00	16312	70.00	674	92.00	2340		
51.00	4688	73.00	4200	93.00	3473		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 16-OCT-2000 20:20
Lab File ID: DS2545.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m

MJ 10/16/2000

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.29460	0.010	-34.0	50.0
	2 Vinyl chloride (*)	0.21607	0.19366	0.010	-10.4	20.0
	3 Chloromethane (**)	0.19012	0.17058	0.100	-10.3	50.0
	4 Bromomethane	0.21985	0.20054	0.010	-8.8	50.0
	5 Chloroethane	0.13964	0.14054	0.010	0.6	50.0
	6 Trichlorofluoromethane	0.71629	0.75068	0.010	4.8	50.0
	7 Acrolein	0.01339	0.01161	0.001	-13.3	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.26442	0.010	-6.1	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.43208	0.010	-8.0	50.0
	10 Acetone	0.05535	0.06650	0.010	20.1	50.0
	11 Iodomethane	0.54249	0.53276	0.001	-1.8	50.0
	12 Carbon disulfide	0.63173	0.56615	0.010	-10.4	50.0
	13 Methylene chloride	0.28611	0.29657	0.010	3.7	50.0
	14 t-Butanol	0.00532	0.00626	0.001	17.8	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.32586	0.010	-0.3	50.0
	16 Acrylonitrile	0.04256	0.04858	0.001	14.1	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.77222	0.010	2.7	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.58951	0.100	4.7	50.0
	19 Vinyl acetate	0.72587	0.72083	0.010	-0.7	50.0
	20 Isopropyl ether	0.97354	0.97722	0.010	0.4	20.0
	21 2,2-Dichloropropane	0.61103	0.63147	0.010	3.3	50.0
	22 Tert-butyl ethyl ether	0.93101	0.95725	0.010	2.8	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.35845	0.010	8.1	50.0
	24 2-Butanone	0.09614	0.10385	0.010	8.0	50.0
	25 Bromochloromethane	0.21883	0.24071	0.010	10.0	50.0
	26 Chloroform (*)	0.73233	0.75255	0.010	2.8	20.0
	27 Tetrahydrofuran	0.05809	0.07352	0.010	26.6	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.34215	0.010	4.0	50.0
$	29 Dibromofluoromethane	0.71120	0.63214	0.010	-11.1	50.0
	30 1,1,1-Trichloroethane	0.76256	0.83254	0.010	9.2	50.0
	31 Carbon Tetrachloride	0.72937	0.81593	0.010	11.9	50.0
	32 1,1-Dichloropropene	0.54325	0.57086	0.010	5.1	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.47096	0.010	-1.9	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.09271	0.010	-4.3	50.0
	35 Benzene	0.84852	0.90805	0.010	7.0	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 16-OCT-2000 20:20
Lab File ID: DS2545.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.60927	0.010	14.0	50.0	
	37 Tert-amyl methyl ether	0.88326	0.94962	0.010	7.5	20.0	
	39 Trichloroethene	0.46731	0.52084	0.010	11.5	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.37461	0.010	8.3	20.0	
	41 Dibromomethane	0.32224	0.37324	0.010	15.8	50.0	
	42 Bromodichloromethane	0.71616	0.81435	0.010	13.7	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.48698	0.010	-38.2	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.06420	0.010	46.2	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.59959	0.010	11.0	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.30096	0.010	15.7	50.0	
$	47 Toluene-d8	1.15749	1.07538	0.010	-7.1	50.0	
	48 Toluene (*)	1.22215	1.34073	0.010	9.7	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.63762	0.010	14.3	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.46046	0.010	14.2	50.0	
	51 Tetrachloroethene	0.55481	0.62426	0.010	12.5	50.0	
	52 1,3-Dichloropropane	0.63464	0.69714	0.010	9.8	50.0	
	53 2-Hexanone	0.22062	0.25989	0.010	17.8	50.0	
	54 Dibromochloromethane	0.73783	0.85938	0.010	16.5	50.0	
	55 1,2-Dibromoethane	0.61043	0.69471	0.010	13.8	50.0	
	57 Chlorobenzene (**)	0.98253	1.09784	0.300	11.7	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.66944	0.010	12.7	50.0	
	59 Ethylbenzene (*)	0.45846	0.51586	0.010	12.5	20.0	
	60 m,p-Xylenes	0.57596	0.64262	0.010	11.6	50.0	
	61 o-Xylene	0.55644	0.62519	0.010	12.4	50.0	
	62 Styrene	0.92422	1.03825	0.010	12.3	50.0	
M	63 Xylenes (total)	0.56945	0.63681	0.010	11.8	50.0	
	64 Bromoform (**)	0.59517	0.71790	0.100	20.6	50.0	
	65 Isopropylbenzene	1.75437	2.00825	0.010	14.5	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	0.91021	0.010	-8.6	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.23892	0.010	-6.8	50.0	
	68 Bromobenzene	0.83061	0.90922	0.010	9.5	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.97006	0.300	13.4	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.34296	0.010	22.4	50.0	
	71 n-Propylbenzene	2.58803	2.80361	0.010	8.3	50.0	
	72 2-Chlorotoluene	0.62571	0.68759	0.010	9.9	50.0	
	73 4-Chlorotoluene	0.65344	0.72852	0.010	11.5	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i Injection Date: 16-OCT-2000 20:20
Lab File ID: DS2545.D Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Analysis Type: SOIL Init. Cal. Times: 11:03 14:02
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.31328	0.010	11.1	50.0
75 tert-Butylbenzene	2.15036	2.37602	0.010	10.5	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.32596	0.010	9.7	50.0
77 sec-Butylbenzene	2.82015	3.15847	0.010	12.0	50.0
78 1,3-Dichlorobenzene	1.39311	1.51296	0.010	8.6	50.0
80 1,4-Dichlorobenzene	1.51990	1.62912	0.010	7.2	50.0
81 p-Isopropyltoluene	2.32696	2.59061	0.010	11.3	50.0
82 1,2-Dichlorobenzene	1.33233	1.44997	0.010	8.8	50.0
83 n-Butylbenzene	2.22197	2.53503	0.010	14.1	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.34384	0.010	18.6	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.35227	0.010	9.9	50.0
86 Hexachlorobutadiene	0.92928	1.16681	0.010	25.6	50.0
87 Napthalene	1.86163	1.94430	0.010	4.4	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.27775	0.010	11.3	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2545.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Misc Info: 1255-2;57-1;55-1,,5,,2,all.SUB

Calibration Date: 16-OCT-2000
Calibration Time: 20:20

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1436932	718466	2873864	1436932	0.00
56 Chlorobenzene-d5	1249747	624874	2499494	1249747	0.00
79 1,4-Dichlorobenze	924613	462307	1849226	924613	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.09	6.59	7.59	7.09	0.00
56 Chlorobenzene-d5	12.59	12.09	13.09	12.59	0.00
79 1,4-Dichlorobenze	17.25	16.75	17.75	17.25	0.00

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

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1016BD.B/DS2545.D
Inj. Date : 16-OCT-2000 20:20

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

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.09	0.00	1480718	1436932	97.0%
Chlorobenzene-d5	12.63	12.59	0.03	1259551	1249747	99.2%
1,4-Dichlorobenzene-d4	17.27	17.25	0.01	906122	924613	102.0%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\DS2545.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 16-OCT-2000 20:20
Operator : AD Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1255-2;57-1;55-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 20:44 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.460	1.460	(0.206)	423315	50.0000	32.99
2 Vinyl chloride (*)	62	1.696	1.696	(0.239)	278282	50.0000	44.81
3 Chloromethane (**)	50	1.627	1.627	(0.229)	245117	50.0000	44.86
4 Bromomethane	94	1.972	1.972	(0.278)	288169	50.0000	45.61
5 Chloroethane	64	2.051	2.051	(0.289)	201953	50.0000	50.32
6 Trichlorofluoromethane	101	2.287	2.287	(0.322)	1078674	50.0000	52.40
7 Acrolein	56	2.701	2.701	(0.381)	166758	500.000	433.4(AQ)
8 1,1-Dichloroethene(*)	96	2.780	2.780	(0.392)	379950	50.0000	46.94
9 1,1,2-Trichlorotrifluoroethan	151	2.789	2.789	(0.393)	620876	50.0000	45.98
10 Acetone	43	2.868	2.868	(0.404)	477755	250.000	300.3(Q)
11 Iodomethane	142	2.937	2.937	(0.414)	1531088	100.000	98.21
12 Carbon disulfide	76	2.996	2.996	(0.422)	813520	50.0000	44.81
13 Methylene chloride	84	3.312	3.312	(0.467)	426155	50.0000	51.83
14 t-Butanol	59	3.578	3.578	(0.504)	224998	1250.00	1473

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.666	3.666	(0.517)	468240	50.0000	49.87
	16 Acrylonitrile	53	3.647	3.647	(0.514)	698072	500.000	570.7(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.696	3.696	(0.521)	1109632	50.0000	51.33
	18 1,1-Dichloroethane (**)	63	4.248	4.248	(0.599)	847080	50.0000	52.36
	19 Vinyl acetate	43	4.395	4.395	(0.620)	2071564	100.000	99.31
	20 Isopropyl ether	45	4.415	4.415	(0.622)	1404201	50.0000	50.19
	21 2,2-Dichloropropane	77	5.134	5.134	(0.724)	907375	50.0000	51.67
	22 Tert-butyl ethyl ether	59	5.006	5.006	(0.706)	1375497	50.0000	51.41
	23 cis-1,2-Dichloroethene	96	5.164	5.164	(0.728)	515064	50.0000	54.05
	24 2-Butanone	43	5.253	5.253	(0.740)	746122	250.000	270.0
	25 Bromochloromethane	128	5.548	5.548	(0.782)	345878	50.0000	55.00
	26 Chloroform (*)	83	5.706	5.706	(0.804)	1081365	50.0000	51.38
	27 Tetrahydrofuran	42	5.657	5.657	(0.797)	105640	50.0000	63.28
M	28 1,2-Dichloroethene (total)	100				983304	100.000	103.9
$	29 Dibromofluoromethane	111	5.982	5.982	(0.843)	908339	50.0000	44.44
	30 1,1,1-Trichloroethane	97	5.952	5.952	(0.839)	1196303	50.0000	54.59
	31 Carbon Tetrachloride	117	6.228	6.228	(0.878)	1172434	50.0000	55.93
	32 1,1-Dichloropropene	75	6.238	6.238	(0.879)	820283	50.0000	52.54
$	33 1,2-Dichloroethane-d4	65	6.504	6.504	(0.917)	676740	50.0000	49.05
	34 1,2-Dichloroethane-d4 2nd	102	6.514	6.514	(0.918)	133216	50.0000	47.86
	35 Benzene	78	6.573	6.573	(0.926)	1304808	50.0000	53.51
	36 1,2-Dichloroethane	62	6.632	6.632	(0.935)	875486	50.0000	57.01
	37 Tert-amyl methyl ether	73	6.878	6.878	(0.969)	1364538	50.0000	53.76
*	38 Fluorobenzene	96	7.095	7.095	(1.000)	1436932	50.0000	
	39 Trichloroethene	130	7.726	7.726	(1.089)	748410	50.0000	55.73
	40 1,2-Dichloropropane(*)	63	8.110	8.110	(1.143)	538294	50.0000	54.14
	41 Dibromomethane	93	8.307	8.307	(1.171)	536326	50.0000	57.91
	42 Bromodichloromethane	83	8.642	8.642	(1.218)	1170164	50.0000	56.86
	43 1-Bromo-2-chloroethane	63	9.154	9.154	(1.290)	699756	50.0000	30.88(Q)
	44 2-Chloroethylvinyl ether	106	9.243	9.243	(1.303)	184499	100.000	146.2(A)
	45 cis-1,3-Dichloropropene	75	9.460	9.460	(1.333)	861563	50.0000	55.48
	46 4-Methyl-2-pentanone	43	9.804	9.804	(1.382)	2162310	250.000	289.2
$	47 Toluene-d8	98	9.913	9.913	(0.787)	1343947	50.0000	46.45
	48 Toluene (*)	91	10.031	10.031	(0.797)	1675571	50.0000	54.85
	49 trans-1,3-Dichloropropene	75	10.504	10.504	(0.834)	796868	50.0000	57.14
	50 1,1,2-Trichloroethane	97	10.829	10.829	(0.860)	575456	50.0000	57.11
	51 Tetrachloroethene	164	11.036	11.036	(0.876)	780164	50.0000	56.26
	52 1,3-Dichloropropane	76	11.115	11.115	(0.883)	871244	50.0000	54.92
	53 2-Hexanone	43	11.381	11.381	(0.904)	1623967	250.000	294.5
	54 Dibromochloromethane	129	11.548	11.548	(0.917)	1074005	50.0000	58.24
	55 1,2-Dibromoethane	107	11.696	11.696	(0.929)	868209	50.0000	56.90
*	56 Chlorobenzene-d5	117	12.593	12.593	(1.000)	1249747	50.0000	
	57 Chlorobenzene (**)	112	12.652	12.652	(1.005)	1372024	50.0000	55.87
	58 1,1,1,2-Tetrachloroethane	131	12.849	12.849	(1.020)	836636	50.0000	56.35
	59 Ethylbenzene (*)	106	12.918	12.918	(1.026)	644700	50.0000	56.26
	60 m,p-Xylenes	106	13.164	13.164	(1.045)	1606225	100.000	111.6
	61 o-Xylene	106	13.923	13.923	(1.106)	781324	50.0000	56.18

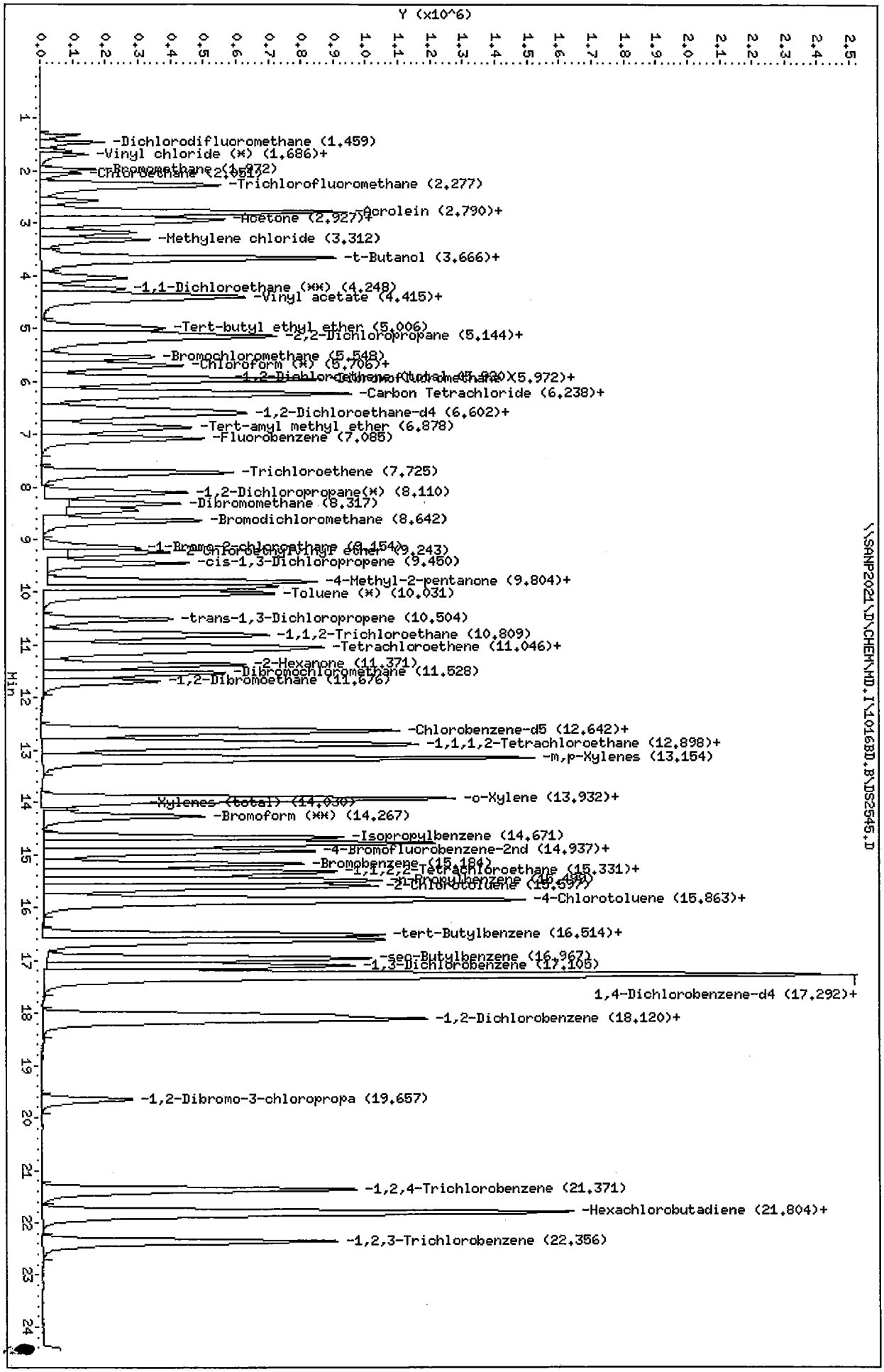
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.952	13.952	(1.108)	1297552	50.0000	56.17
M	63 Xylenes (total)	100				2387550	150.000	167.8
	64 Bromoform (**)	173	14.267	14.267	(1.133)	897189	50.0000	60.31
	65 Isopropylbenzene	105	14.671	14.671	(1.165)	2509804	50.0000	57.24
	66 4-Bromofluorobenzene-2nd	174	14.947	14.947	(0.866)	841593	50.0000	45.71
$	67 4-Bromofluorobenzene	95	14.947	14.947	(0.866)	1145524	50.0000	46.62
	68 Bromobenzene	156	15.184	15.184	(0.880)	840677	50.0000	54.73
	69 1,1,2,2-Tetrachloroethane(**)	83	15.331	15.331	(0.889)	896934	50.0000	56.71
	70 1,2,3-Trichloropropane	110	15.351	15.351	(0.890)	317104	50.0000	61.22
	71 n-Propylbenzene	91	15.499	15.499	(0.898)	2592257	50.0000	54.16
	72 2-Chlorotoluene	126	15.607	15.607	(0.905)	635751	50.0000	54.94
	73 4-Chlorotoluene	126	15.834	15.834	(0.918)	673596	50.0000	55.74
	74 1,3,5-Trimethylbenzene	105	15.883	15.883	(0.921)	2138893	50.0000	55.56
	75 tert-Butylbenzene	119	16.514	16.514	(0.957)	2196897	50.0000	55.25
	76 1,2,4-Trimethylbenzene	105	16.622	16.622	(0.963)	2150612	50.0000	54.87
	77 sec-Butylbenzene	105	16.967	16.967	(0.983)	2920368	50.0000	56.00
	78 1,3-Dichlorobenzene	146	17.115	17.115	(0.992)	1398907	50.0000	54.30
*	79 1,4-Dichlorobenzene-d4	152	17.253	17.253	(1.000)	924613	50.0000	
	80 1,4-Dichlorobenzene	146	17.312	17.312	(1.003)	1506307	50.0000	53.59
	81 p-Isopropyltoluene	119	17.292	17.292	(1.002)	2395309	50.0000	55.66
	82 1,2-Dichlorobenzene	146	18.031	18.031	(1.045)	1340665	50.0000	54.41
	83 n-Butylbenzene	91	18.129	18.129	(1.051)	2343924	50.0000	57.04
	84 1,2-Dibromo-3-chloropropane	157	19.666	19.666	(1.140)	317915	50.0000	59.31
	85 1,2,4-Trichlorobenzene	180	21.371	21.371	(1.239)	1250331	50.0000	54.95
	86 Hexachlorobutadiene	225	21.785	21.785	(1.263)	1078853	50.0000	62.78
	87 Napthalene	128	21.844	21.844	(1.266)	1797729	50.0000	52.22
	88 1,2,3-Trichlorobenzene	180	22.356	22.356	(1.296)	1181420	50.0000	55.64

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\016BD.B\DS2545.D
Date : 16-OCT-2000 20:20
Client ID:
Sample Info: 50 PPB 8260B STD,,3.0,,8260BDA.M
Column phase: J&W DB-624

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13092.D
Lab Smp Id: LCS-1016BD Client Smp ID: D13092
Inj Date : 16-OCT-2000 21:01
Operator : AD Inst ID: md.i
Smp Info : LCS-1016BD,LCS,2,,0,1,0,8260BDA.M,D13092
Misc Info : 1252-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 20:44 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

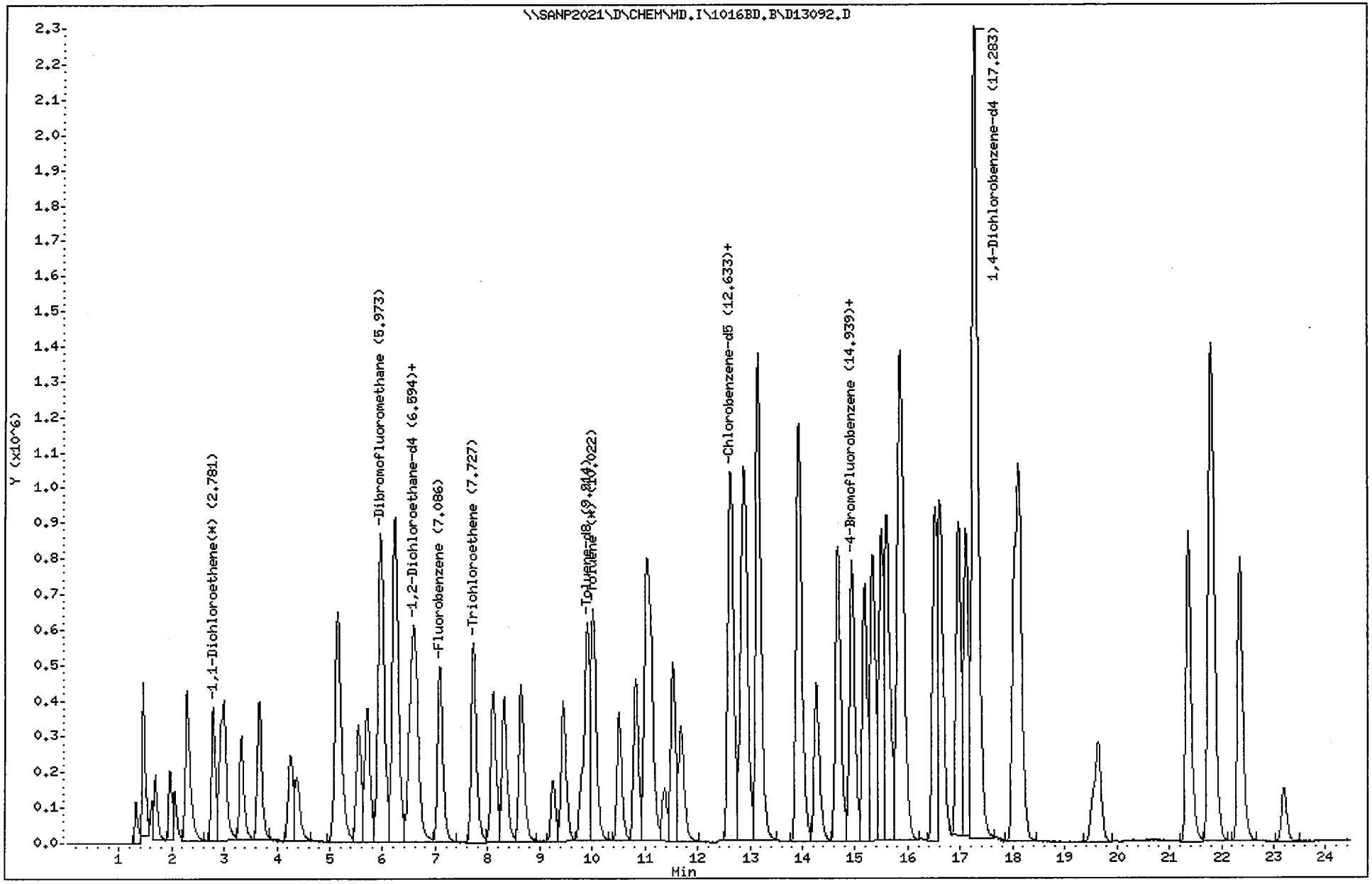
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.781	2.780	(0.392)	392144	47.7997	47.80
$ 29 Dibromofluoromethane	111	5.973	5.982	(0.843)	958010	46.2421	46.24
$ 33 1,2-Dichloroethane-d4	65	6.525	6.504	(0.921)	699056	49.9903	49.99
34 1,2-Dichloroethane-d4 2nd	102	6.505	6.514	(0.918)	139118	49.3116	49.31
35 Benzene	78	6.584	6.573	(0.929)	1247052	50.4519	50.45
* 38 Fluorobenzene	96	7.086	7.095	(1.000)	1456513	50.0000	
39 Trichloroethene	130	7.727	7.726	(1.090)	710439	52.1884	52.19
$ 47 Toluene-d8	98	9.914	9.913	(0.787)	1384727	47.1142	47.11
48 Toluene (*)	91	10.032	10.031	(0.796)	1519815	48.9745	48.97
* 56 Chlorobenzene-d5	117	12.604	12.593	(1.000)	1269602	50.0000	
57 Chlorobenzene (**)	112	12.663	12.652	(1.005)	1243814	49.8555	49.86
$ 67 4-Bromofluorobenzene	95	14.939	14.947	(0.866)	1165619	47.0083	47.01
66 4-Bromofluorobenzene-2nd	174	14.939	14.947	(0.866)	867084	46.6720	46.67
* 79 1,4-Dichlorobenzene-d4	152	17.254	17.253	(1.000)	933020	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13092.D
Date : 16-OCT-2000 21:01
Client ID: D13092
Sample Info: LCS-1016BD,LCS,2,,0,1,0,8260BDA.M,D13092

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0169693

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13093.D
Lab Smp Id: MB-1016BD Client Smp ID: D13093
Inj Date : 16-OCT-2000 21:33
Operator : AD Inst ID: md.i
Smp Info : MB-1016BD,BLANK,2,,0,1,0,8260BDA.M,D13093
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.977	5.982	(0.844)	926310	46.0188	46.02
$ 33 1,2-Dichloroethane-d4	65	6.510	6.504	(0.919)	635409	46.7670	46.77
34 1,2-Dichloroethane-d4 2nd	102	6.500	6.514	(0.918)	121180	44.2087	44.21
* 38 Fluorobenzene	96	7.081	7.095	(1.000)	1415149	50.0000	
$ 47 Toluene-d8	98	9.918	9.913	(0.787)	1337984	45.5511	45.55
* 56 Chlorobenzene-d5	117	12.608	12.593	(1.000)	1268840	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.947	(0.866)	818939	45.6211	45.62
$ 67 4-Bromofluorobenzene	95	14.943	14.947	(0.866)	1125991	46.9972	47.00
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.253	(1.000)	901513	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\1016BD.B\D13093.D
Lab Smp Id: MB-1016BD Client Smp ID: D13093
Inj Date : 16-OCT-2000 21:33
Operator : AD Inst ID: md.i
Smp Info : MB-1016BD,BLANK,2,,0,1,0,8260BDA.M,D13093
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.081	3327287	50.000
* 79 1,4-Dichlorobenzene-d4	17.258	5502562	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	533693	8.01994097	8.02	0		0	38
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
15.761	925151	8.40654279	8.41	86	NBS75K.L	41966	79

RT	AREA	CONCENTRATIONS ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Benzoic acid, 2-[(trimethylsilyl)oxy]-,					CAS #: 3789-85-3		
19.573	790910	7.18674402	7.19	53	NBS75K.L	72298	79

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1016BD
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13093
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 3

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

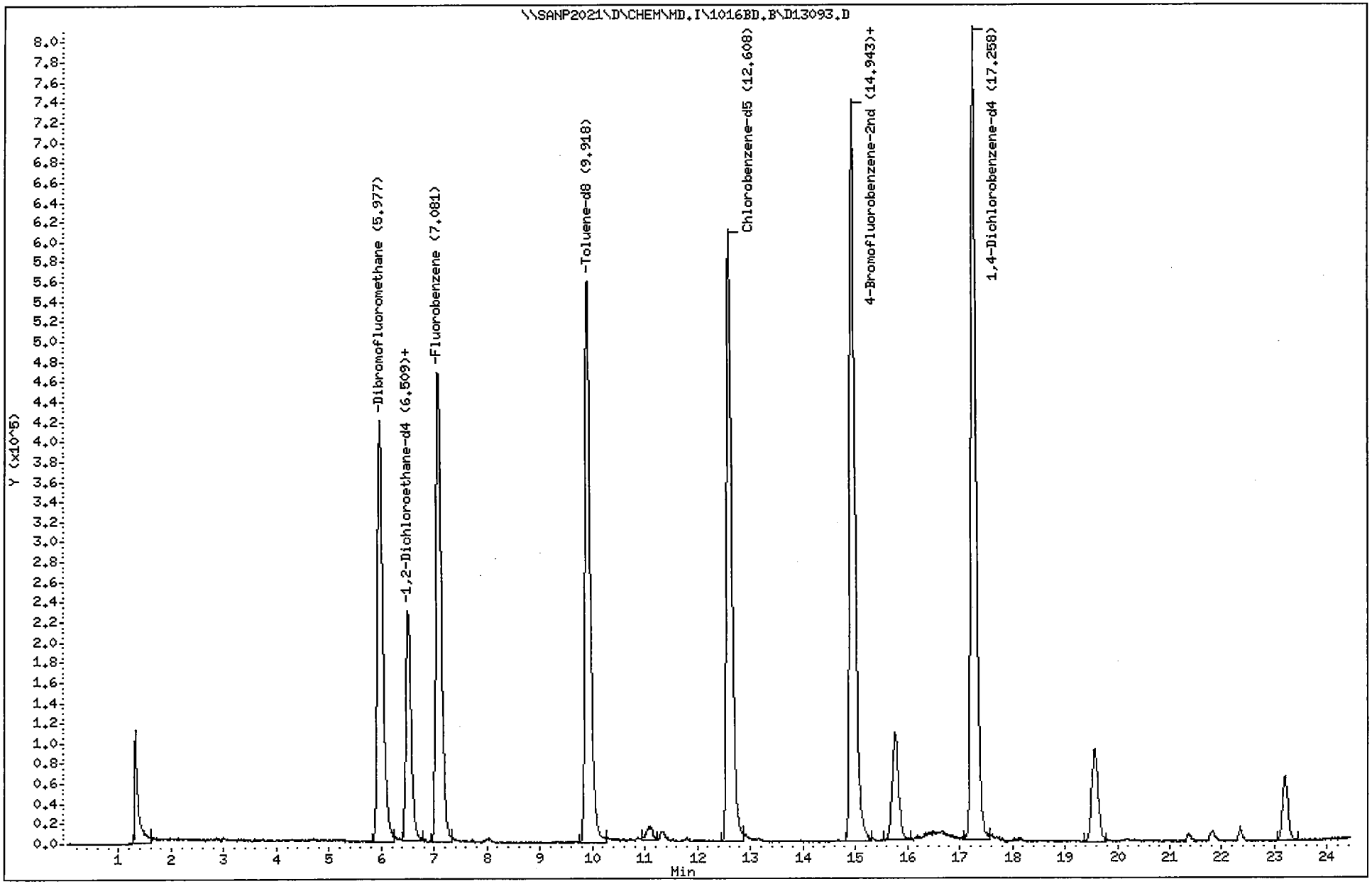
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.317	8.02	J
2. 556-67-2	Cyclotetrasiloxane, octamet	15.761	8.41	NJ
3. 3789-85-3	Benzoic acid, 2-[(trimethyl	19.573	7.19	NJ

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13093.D
Date : 16-OCT-2000 21:33
Client ID: D13093
Sample Info: MB-1016BD,BLANK,2,,0,1,0,8260BDA.M,D13093

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



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BOE-C6-0169698

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13093.D

Date : 16-OCT-2000 21:33

Client ID: D13093

Instrument: md.i

Sample Info: MB-1016BD,BLANK,2,,0,1,0,8260BDA.M,D13093

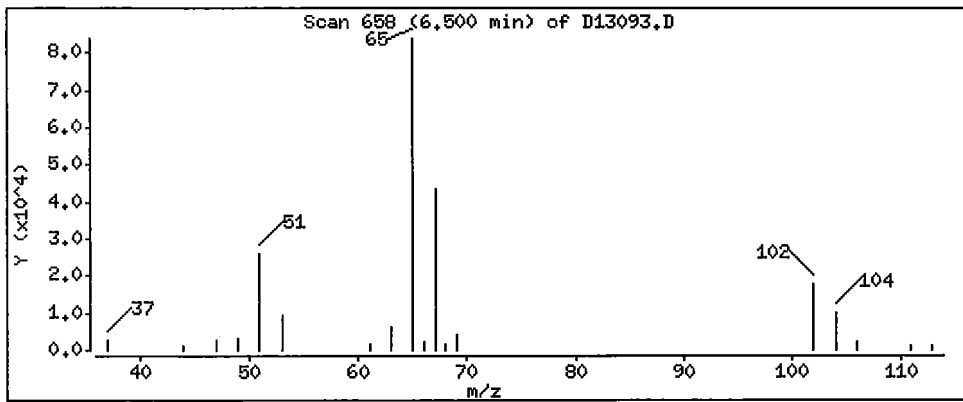
Operator: AD

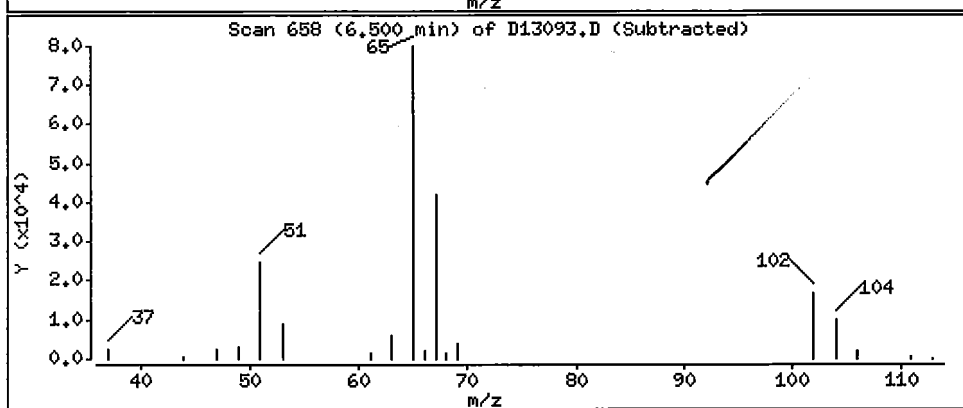
Column phase: J&W DB-624

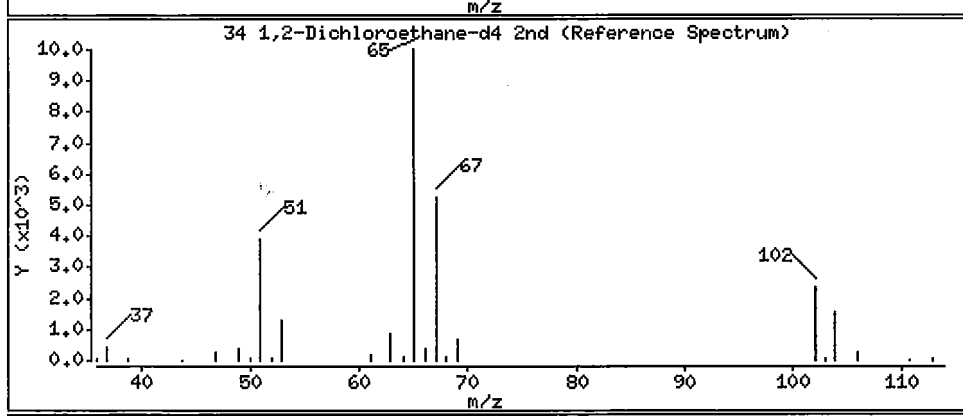
Column diameter: 0.53

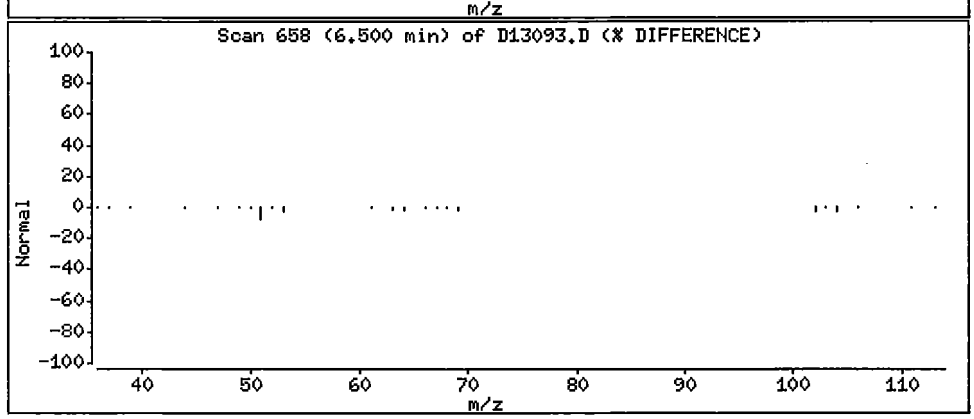
34 1,2-Dichloroethane-d4 2nd

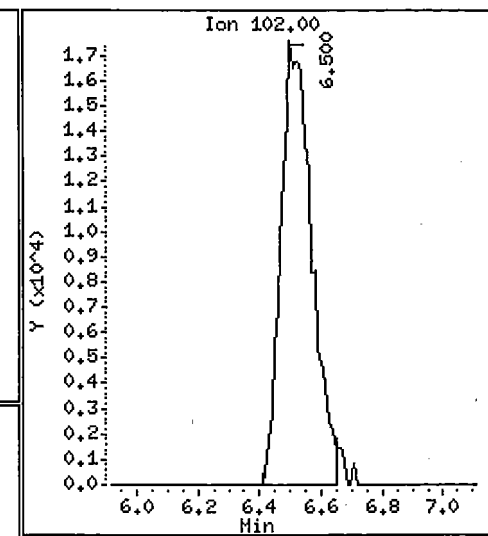
Concentration: 44.21 ug/Kg

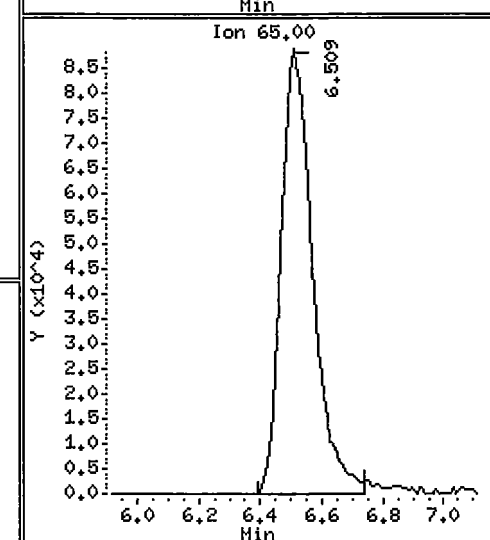












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13093.D

Date : 16-OCT-2000 21:33

Client ID: D13093

Instrument: md.i

Sample Info: MB-1016BD,BLANK,2,,0,1,0,8260BDA,M,D13093

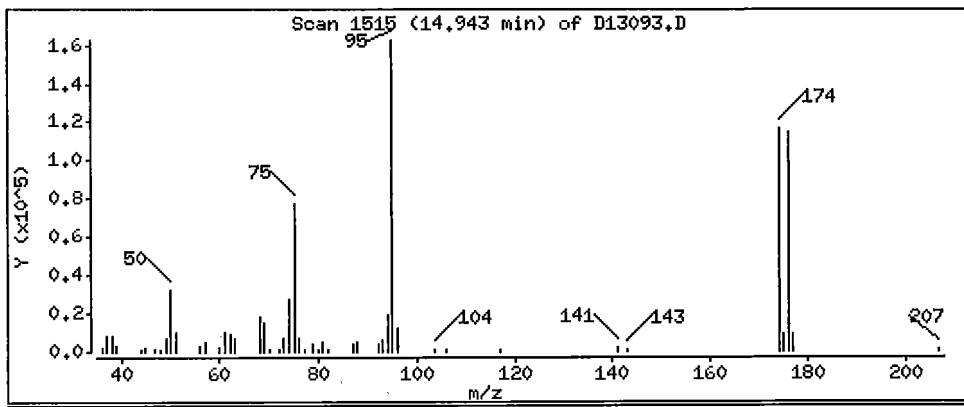
Operator: AD

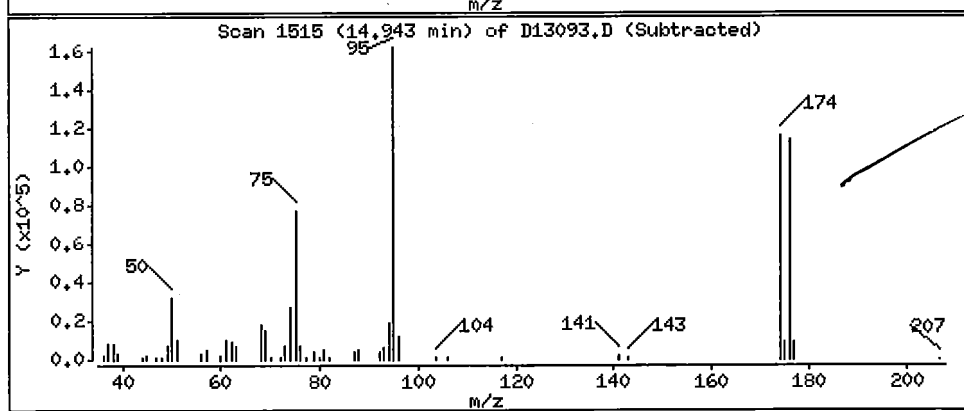
Column phase: J&W DB-624

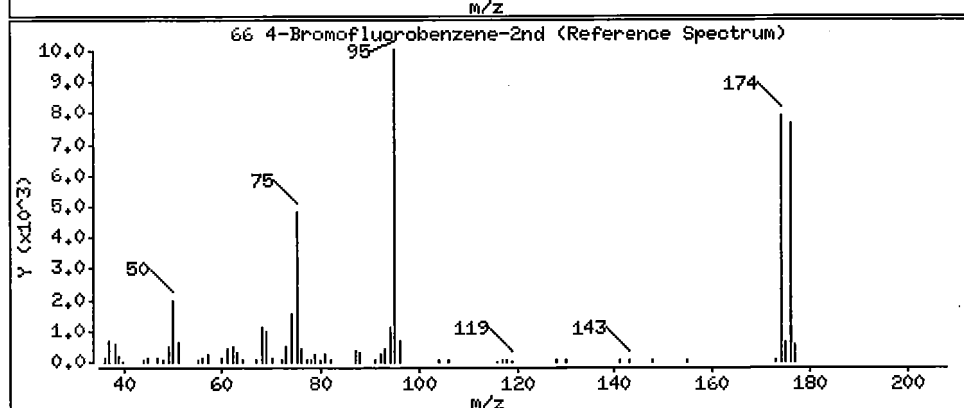
Column diameter: 0.53

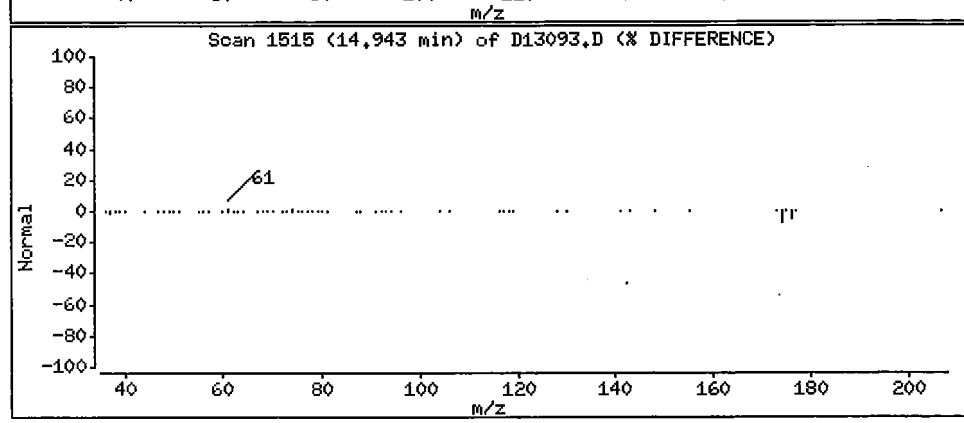
66 4-Bromofluorobenzene-2nd

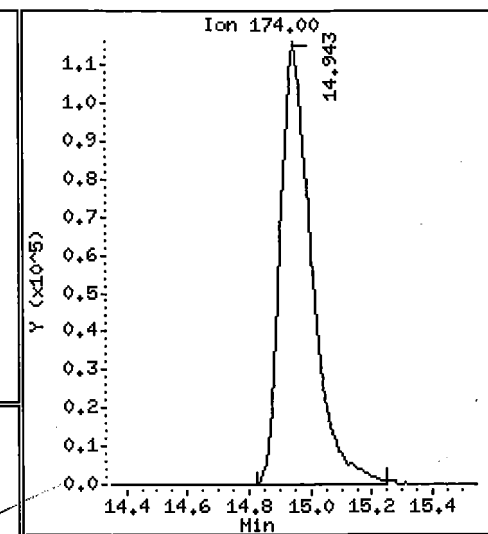
Concentration: 45.62 ug/Kg

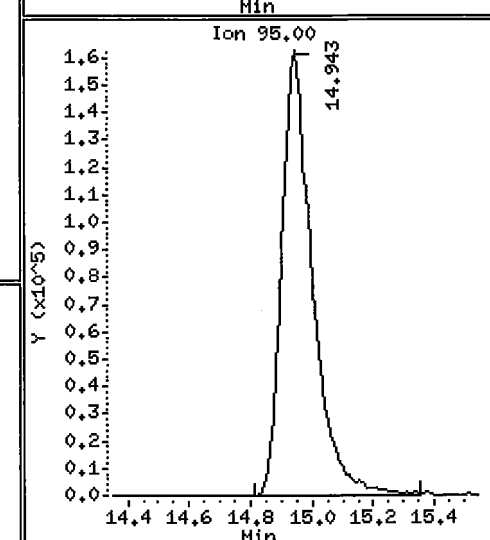


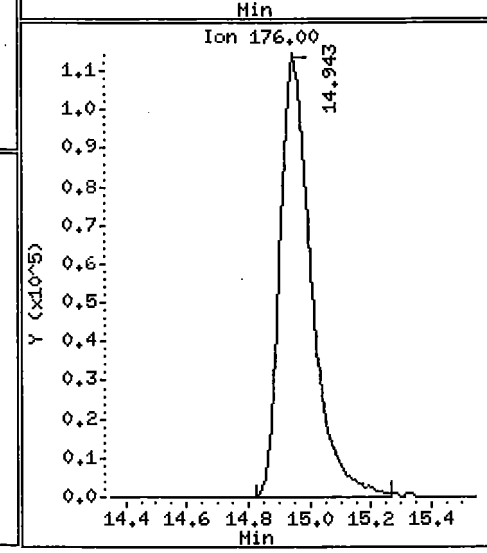












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13093.D

Date : 16-OCT-2000 21:33

Client ID: D13093

Instrument: md.i

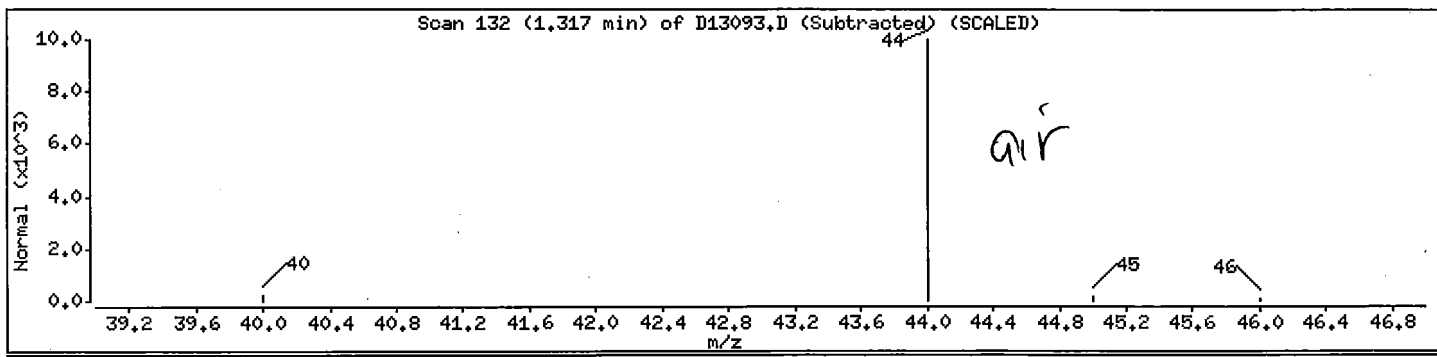
Sample Info: MB-1016BD,BLANK,2,,0,1,0,8260BDA.M,D13093

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13093.D

Date : 16-OCT-2000 21:33

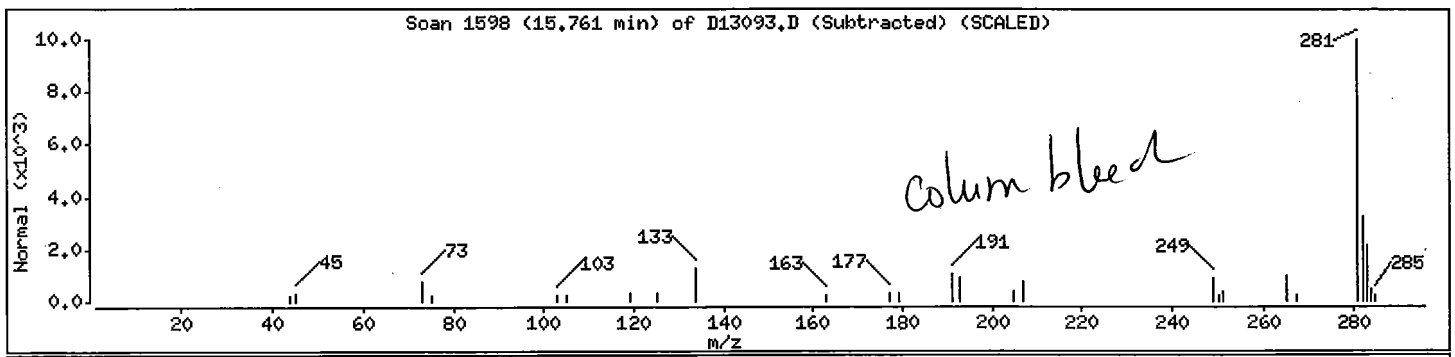
Client ID: D13093 Instrument: md.i

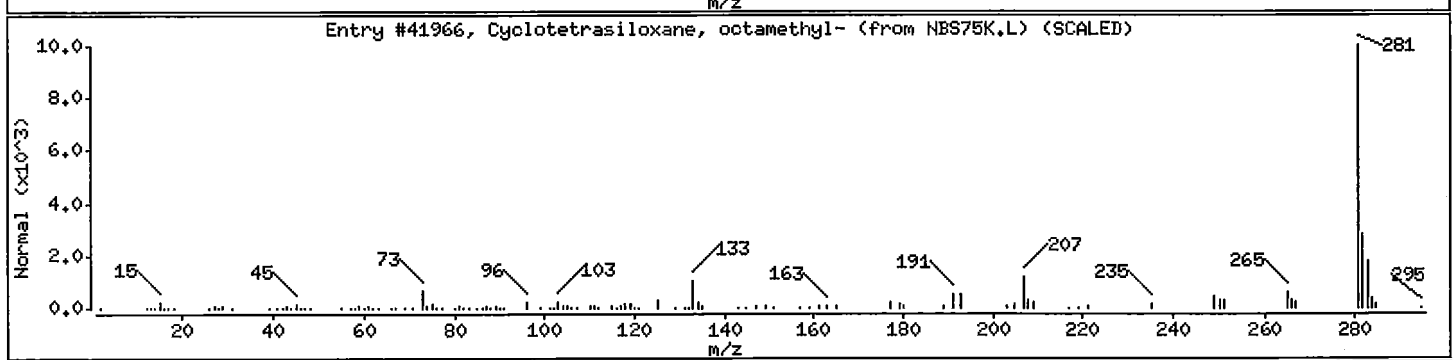
Sample Info: MB-1016BD,BLANK,2,,0,1,0,8260BDA,M,D13093

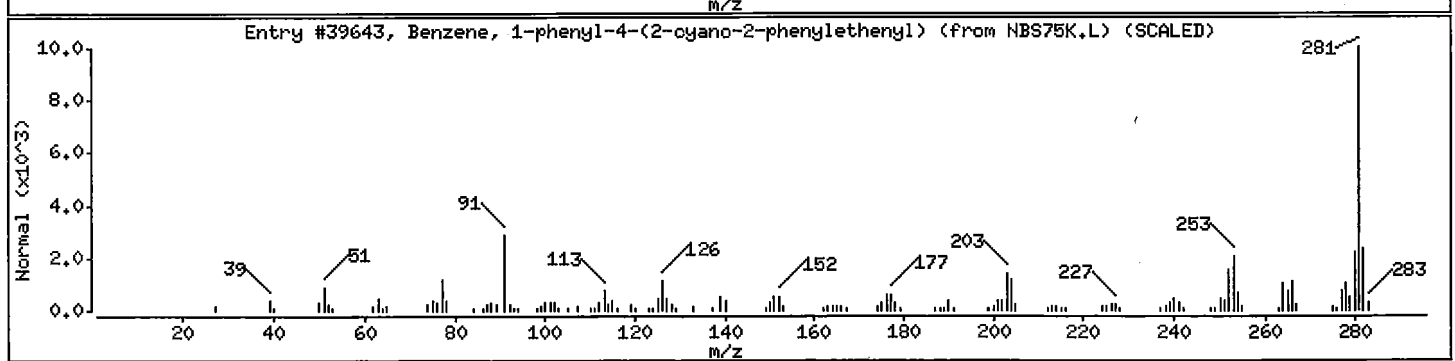
Operator: AD

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

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NBS75K.L	41966	86	C8H24O4Si4	296
Benzene, 1-phenyl-4-(2-cyano-2-phenyleth	27869-56-3	NBS75K.L	39643	50	C21H15N	281







Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13093.D

Date : 16-OCT-2000 21:33

Client ID: D13093

Instrument: md.i

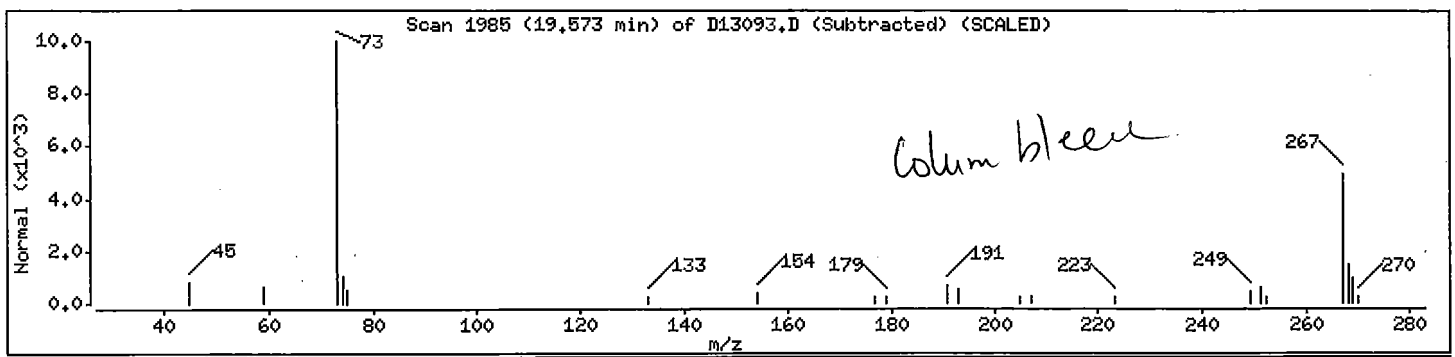
Sample Info: MB-1016BD,BLANK,2,,0,1,0,8260BDA.M,D13093

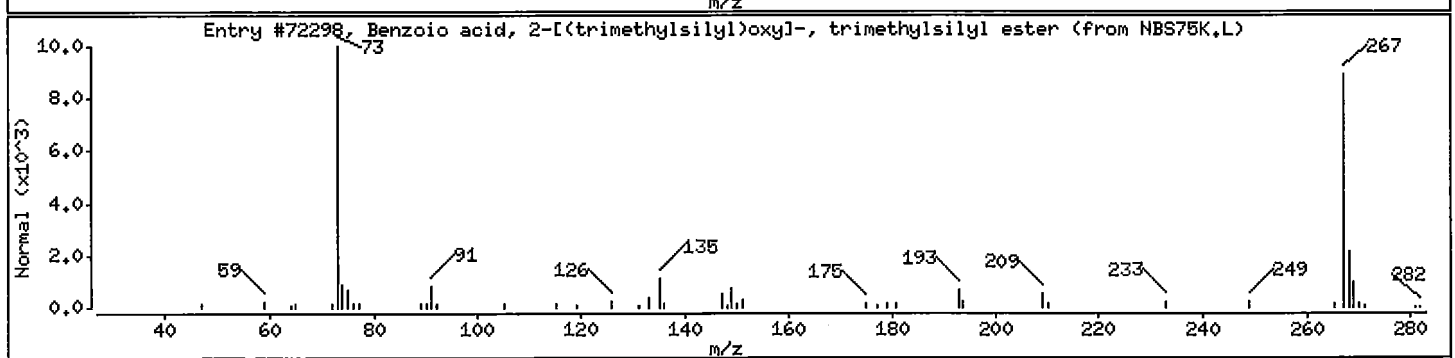
Operator: AD

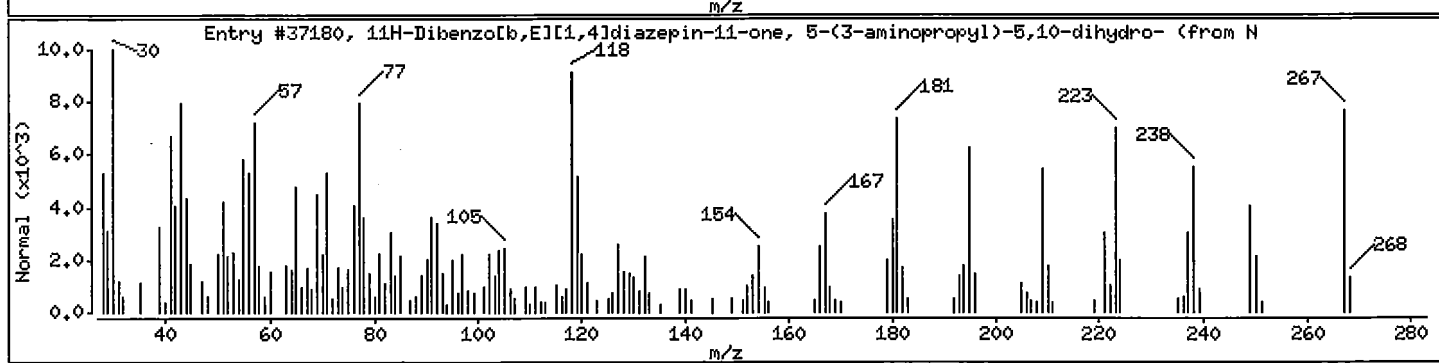
Column phase: J&W DB-624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzoic acid, 2-[(trimethylsilyl)oxy]-,	3789-85-3	NBS75K.L	72298	53	C13H22O3Si2	282
11H-Dibenzo[b,E][1,4]diazepin-11-one, 5-	13450-73-2	NBS75K.L	37180	35	C16H17N3O	267







STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13096.D
Lab Smp Id: DLJME102 Client Smp ID: D13096
Inj Date : 16-OCT-2000 23:18
Operator : AD Inst ID: md.i
Smp Info : DLJME102,MS,2,,0,1,0,8260BDA.M,D13096
Misc Info : E0J040325-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

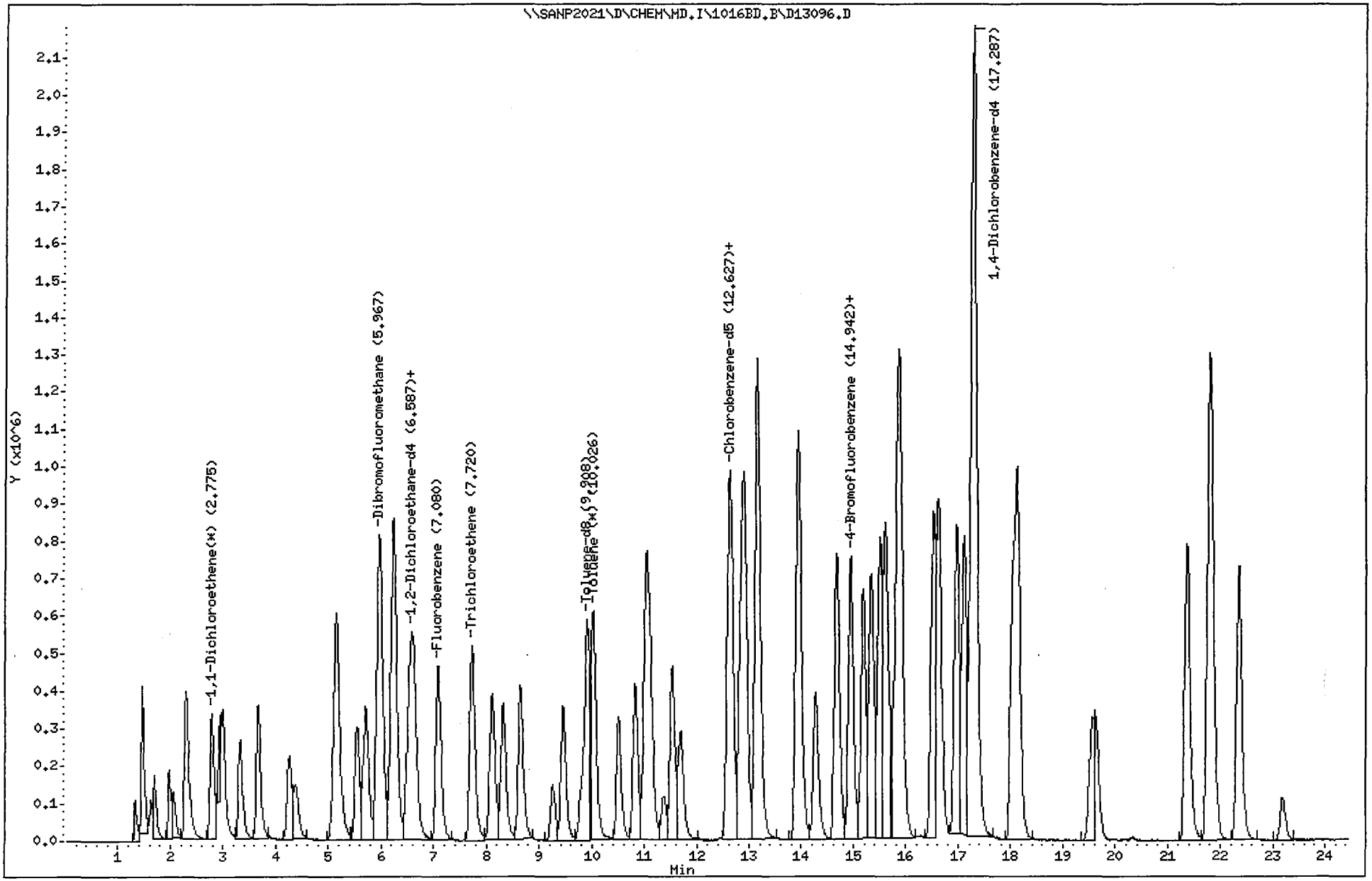
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.775	2.780	(0.391)	363324	46.2806	46.28
$ 29 Dibromofluoromethane	111	5.967	5.982	(0.842)	989579	49.9162	49.92
$ 33 1,2-Dichloroethane-d4	65	6.509	6.504	(0.918)	642684	48.0282	48.03
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.514	(0.919)	127152	47.0990	47.10
35 Benzene	78	6.578	6.573	(0.928)	1132519	47.8810	47.88
* 38 Fluorobenzene	96	7.090	7.095	(1.000)	1393765	50.0000	
39 Trichloroethene	130	7.720	7.726	(1.089)	664814	51.0354	51.04
$ 47 Toluene-d8	98	9.908	9.913	(0.786)	1354044	47.6947	47.69
48 Toluene (*)	91	10.026	10.031	(0.795)	1420915	47.4021	47.40
* 56 Chlorobenzene-d5	117	12.607	12.593	(1.000)	1226358	50.0000	
57 Chlorobenzene (**)	112	12.656	12.652	(1.004)	1144021	47.4725	47.47
$ 67 4-Bromofluorobenzene	95	14.942	14.947	(0.866)	1123626	46.1851	46.18
66 4-Bromofluorobenzene-2nd	174	14.952	14.947	(0.866)	824827	45.2502	45.25
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.253	(1.000)	915438	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13096.D
Date : 16-OCT-2000 23:18
Client ID: D13096
Sample Info: DLJME102,MS,2,,0,1,0,8260BDA.M,D13096

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000420

BOE-C6-0169705

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13097.D
Lab Smp Id: DLJME103 Client Smp ID: D13097
Inj Date : 16-OCT-2000 23:50
Operator : AD Inst ID: md.i
Smp Info : DLJME103,MSD,2,,0,1,0,8260BDA.M,D13097
Misc Info : E0J040325-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

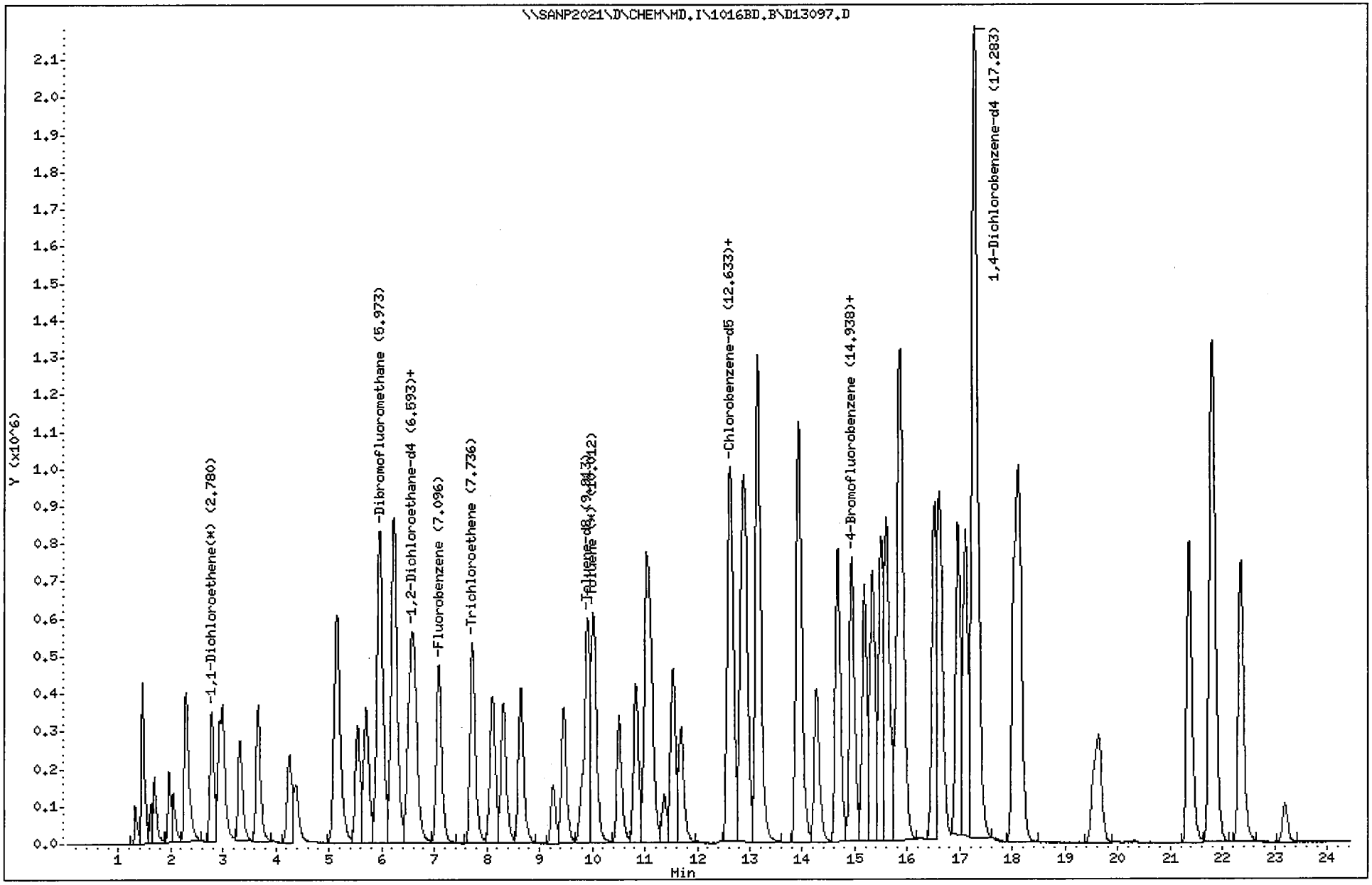
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.780	2.780	(0.392)	377677	46.6117	46.61
$ 29 Dibromofluoromethane	111	5.963	5.982	(0.841)	1010144	49.3678	49.37
$ 33 1,2-Dichloroethane-d4	65	6.505	6.504	(0.918)	665404	48.1785	48.18
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.514	(0.919)	131913	47.3418	47.34
35 Benzene	78	6.574	6.573	(0.928)	1155062	47.3142	47.31
* 38 Fluorobenzene	96	7.086	7.095	(1.000)	1438536	50.0000	
39 Trichloroethene	130	7.736	7.726	(1.092)	680491	50.6131	50.61
$ 47 Toluene-d8	98	9.923	9.913	(0.788)	1348004	46.7489	46.75
48 Toluene (*)	91	10.032	10.031	(0.797)	1449766	47.6179	47.62
* 56 Chlorobenzene-d5	117	12.593	12.593	(1.000)	1245588	50.0000	
57 Chlorobenzene (**)	112	12.652	12.652	(1.005)	1171995	47.8824	47.88
$ 67 4-Bromofluorobenzene	95	14.938	14.947	(0.866)	1147480	47.0784	47.08
66 4-Bromofluorobenzene-2nd	174	14.948	14.947	(0.866)	842700	46.1453	46.14
* 79 1,4-Dichlorobenzene-d4	152	17.253	17.253	(1.000)	917132	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13097.D
Date : 16-OCT-2000 23:50
Client ID: D13097
Sample Info: DLJME103,MSD,2,,0,1,0,8260BDA.M,D13097

Instrument: md.i

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



BOE-C6-0169707

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13094.D
Lab Smp Id: DLJME101 Client Smp ID: D13094
Inj Date : 16-OCT-2000 22:15
Operator : AD Inst ID: md.i
Smp Info : DLJME101,,2,,0,1,0,8260BDA.M,D13094
Misc Info : E0J040325-1,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.977	5.982	(0.844)	893294	45.8718	45.87	
$ 33 1,2-Dichloroethane-d4	65	6.500	6.504	(0.918)	595872	45.3327	45.33	
34 1,2-Dichloroethane-d4 2nd	102	6.500	6.514	(0.918)	119905	45.2152	45.22	
* 38 Fluorobenzene	96	7.081	7.095	(1.000)	1369084	50.0000		
$ 47 Toluene-d8	98	9.908	9.913	(0.786)	1262626	46.3957	46.40	
* 56 Chlorobenzene-d5	117	12.608	12.593	(1.000)	1175579	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.943	14.947	(0.866)	733158	48.1572	48.16	
$ 67 4-Bromofluorobenzene	95	14.943	14.947	(0.866)	985308	48.4907	48.49	
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.253	(1.000)	764580	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\1016BD.B\D13094.D
Lab Smp Id: DLJME101 Client Smp ID: D13094
Inj Date : 16-OCT-2000 22:15
Operator : AD Inst ID: md.i
Smp Info : DLJME101,,2,,0,1,0,8260BDA.M,D13094
Misc Info : E0J040325-1,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.081	3171736	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	598812	9.43980859	9.44	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJME101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13094
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

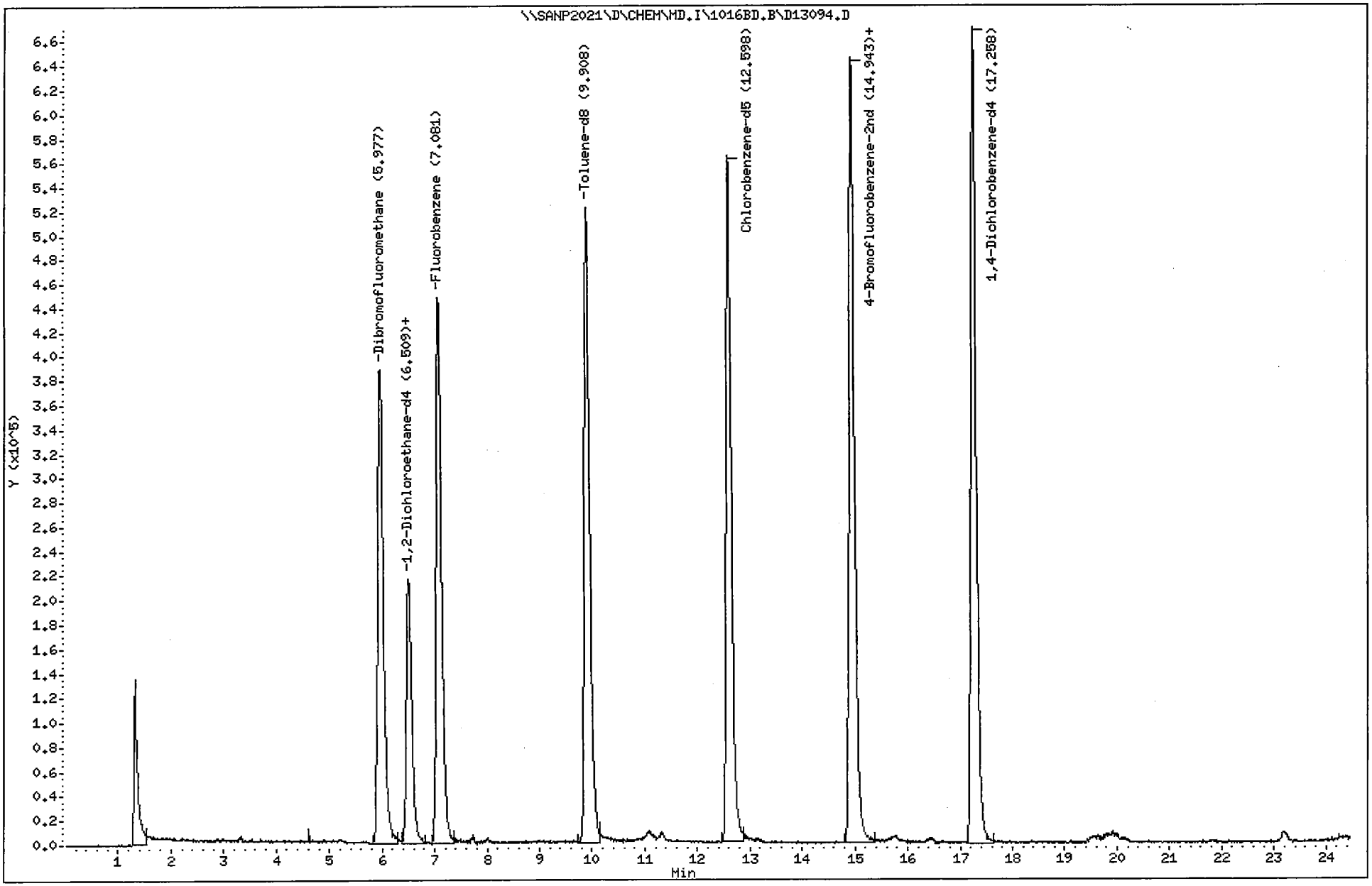
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.317	9.44	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13094.D
Date : 16-OCT-2000 22:15
Client ID: D13094
Sample Info: DLJME101,,2,,0,1,0,8260BDA.M,D13094

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000426

BOE-C6-0169711

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13094.D

Date : 16-OCT-2000 22:15

Client ID: D13094

Instrument: md.i

Sample Info: DLJME101,,2,,0,1,0,8260BDA.M,D13094

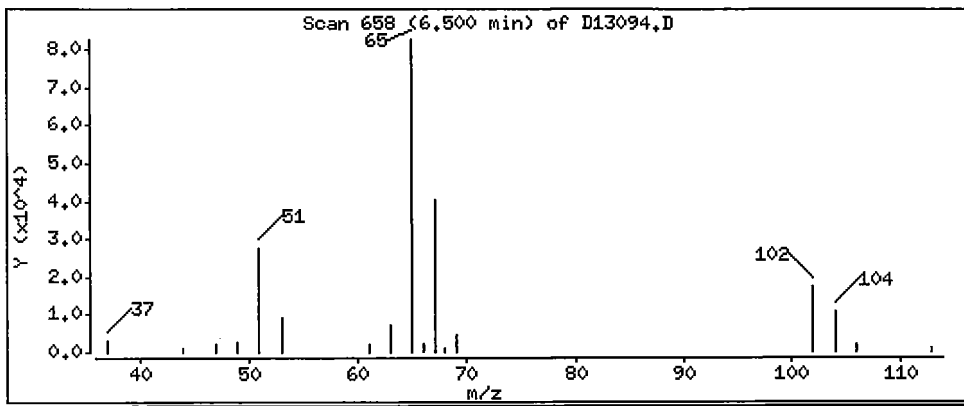
Operator: AD

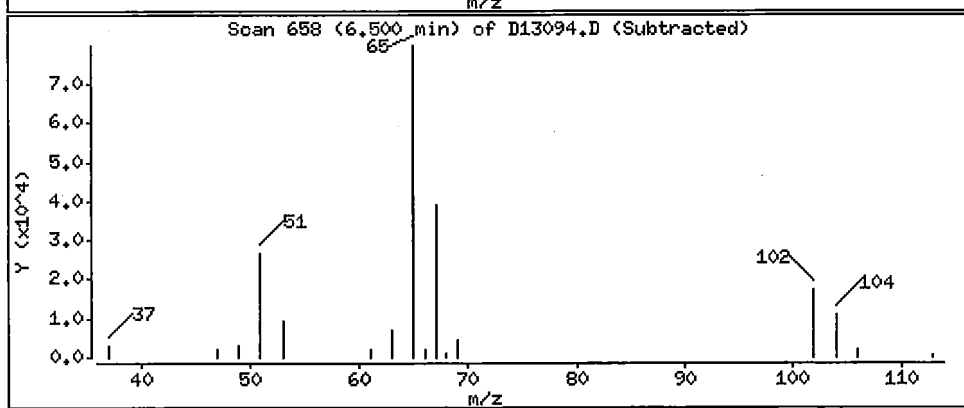
Column phase: J&W DB-624

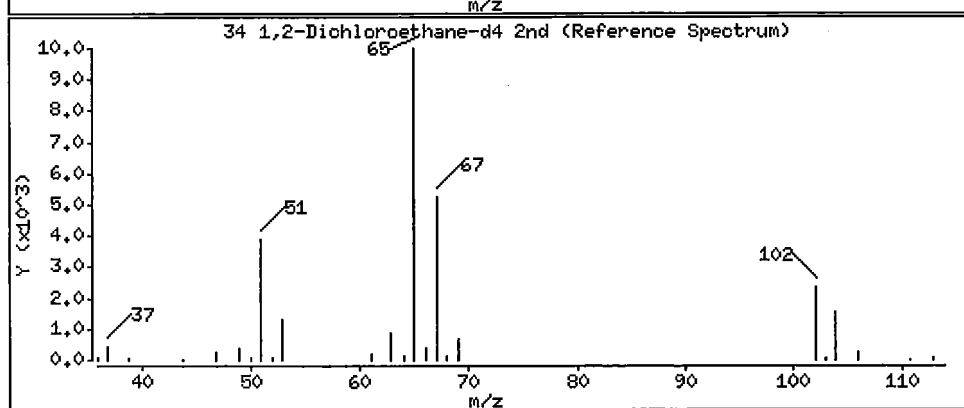
Column diameter: 0.53

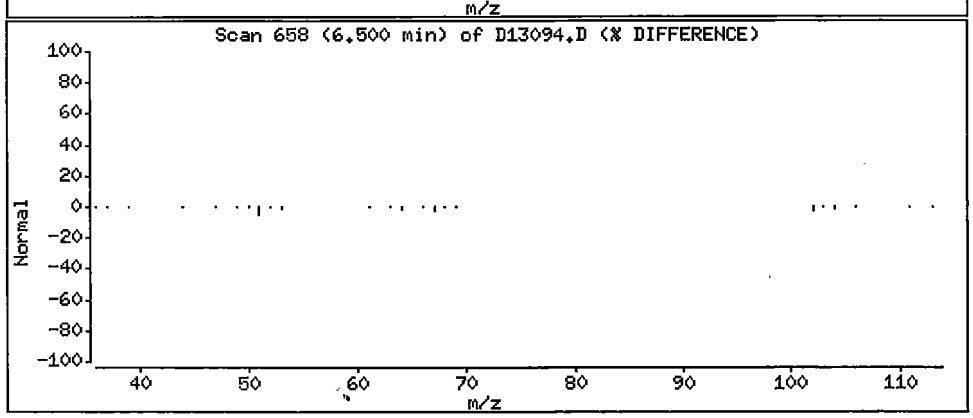
34 1,2-Dichloroethane-d4 2nd

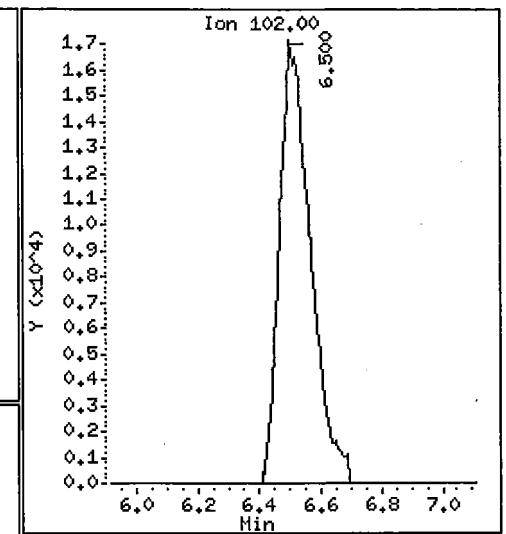
Concentration: 45.22 ug/Kg

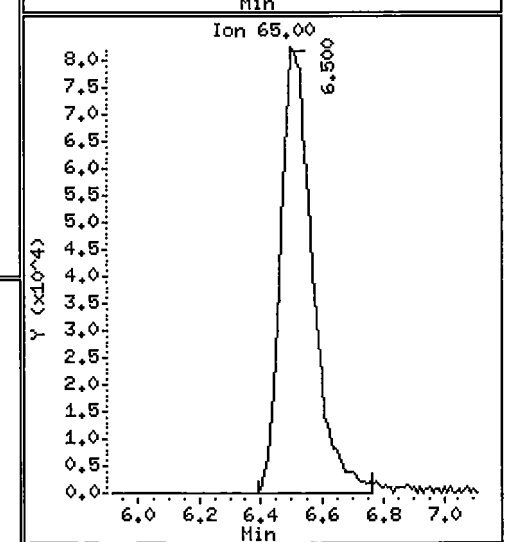












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13094.D

Date : 16-OCT-2000 22:15

Client ID: D13094

Instrument: md.i

Sample Info: DLJME101,,2,,0,1,0,8260BDA.M,D13094

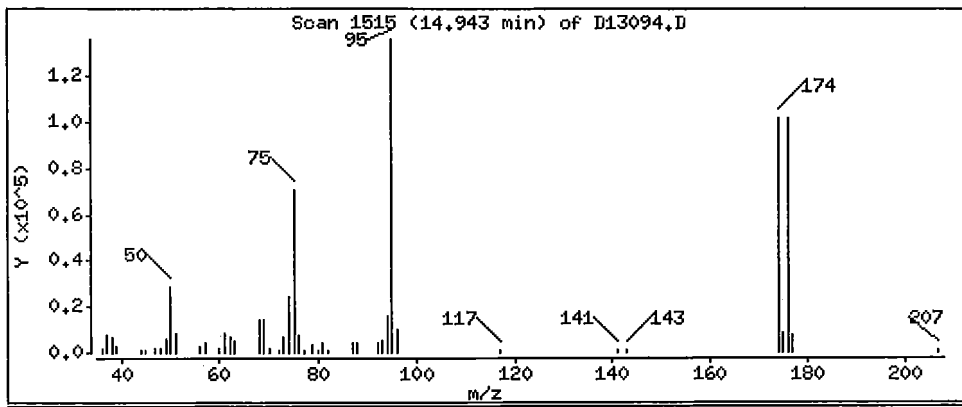
Operator: AD

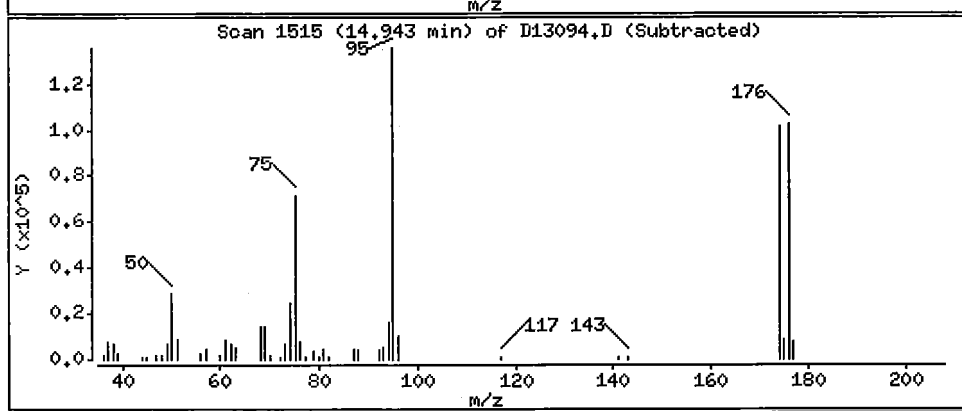
Column phase: J&W DB-624

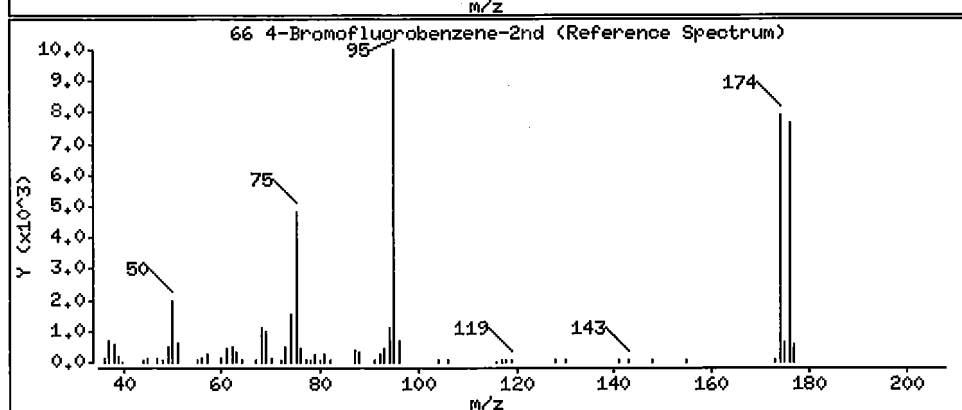
Column diameter: 0.53

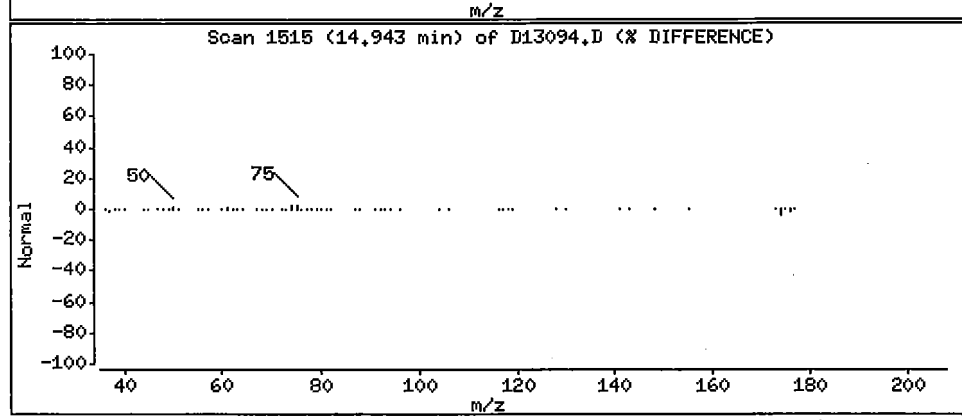
66 4-Bromofluorobenzene-2nd

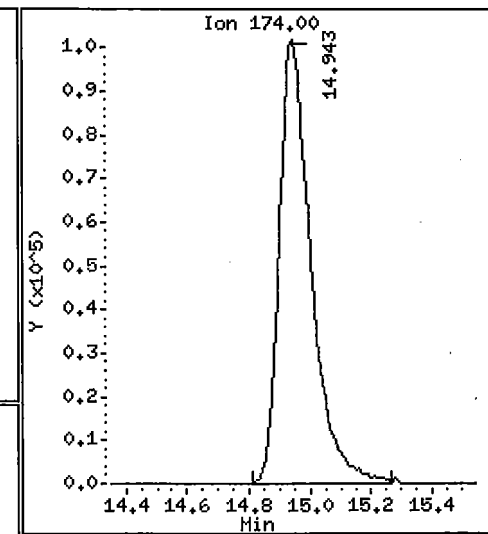
Concentration: 48.16 ug/Kg

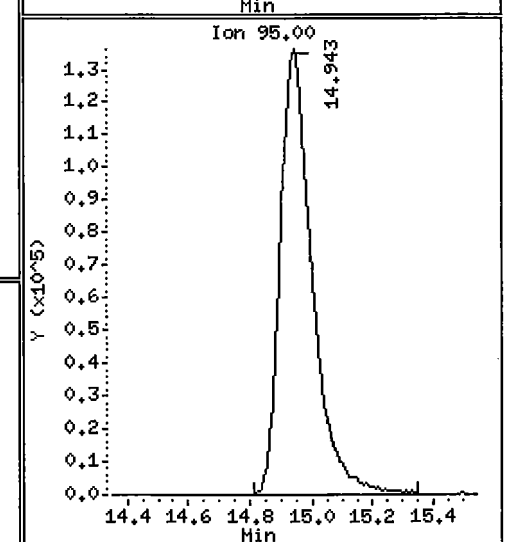


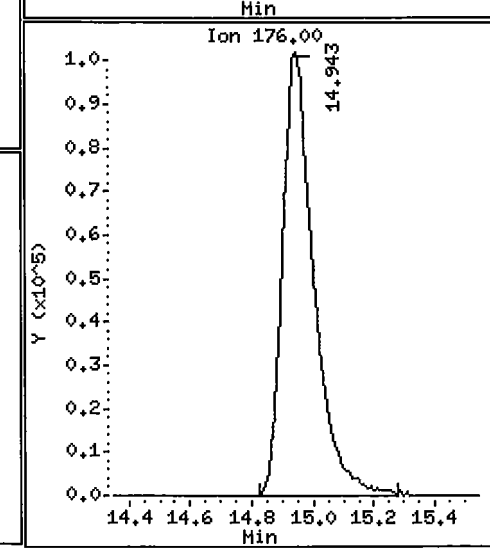












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13094.D

Date : 16-OCT-2000 22:15

Client ID: D13094

Instrument: md.i

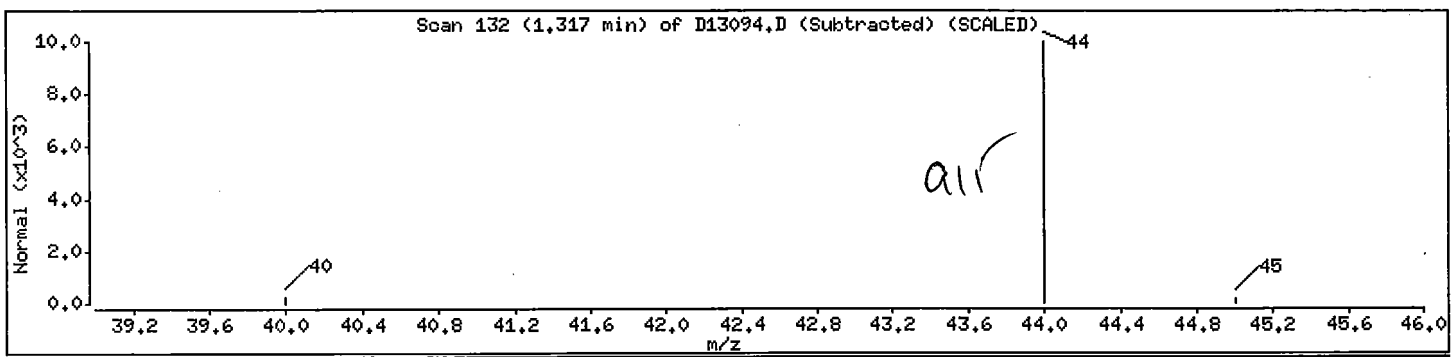
Sample Info: DLJME101,,2,,0,1,0,8260BDA.M,D13094

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13095.D
Lab Smp Id: DLJMG101 Client Smp ID: D13095
Inj Date : 16-OCT-2000 22:47
Operator : AD Inst ID: md.i
Smp Info : DLJMG101,,2,,0,1,0,8260BDA.M,D13095
Misc Info : E0J040325-2,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.863	2.868	(0.404)	8055	5.41443	5.41
$ 29 Dibromofluoromethane	111	5.986	5.982	(0.844)	862125	45.1033	45.10
$ 33 1,2-Dichloroethane-d4	65	6.508	6.504	(0.918)	612742	47.4922	47.49
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.514	(0.921)	118798	45.6398	45.64
* 38 Fluorobenzene	96	7.089	7.095	(1.000)	1343826	50.0000	
$ 47 Toluene-d8	98	9.907	9.913	(0.786)	1264171	45.2661	45.27
* 56 Chlorobenzene-d5	117	12.597	12.593	(1.000)	1206388	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.951	14.947	(0.867)	783887	45.5178	45.52
$ 67 4-Bromofluorobenzene	95	14.932	14.947	(0.866)	1057746	46.0184	46.02
* 79 1,4-Dichlorobenzene-d4	152	17.247	17.253	(1.000)	864886	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\1016BD.B\D13095.D
Lab Smp Id: DLJMG101 Client Smp ID: D13095
Inj Date : 16-OCT-2000 22:47
Operator : AD Inst ID: md.i
Smp Info : DLJMG101,,2,,0,1,0,8260BDA.M,D13095
Misc Info : E0J040325-2,,5,,0,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.089	3141685	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	619291	9.85603495	9.86	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMG101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13095
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

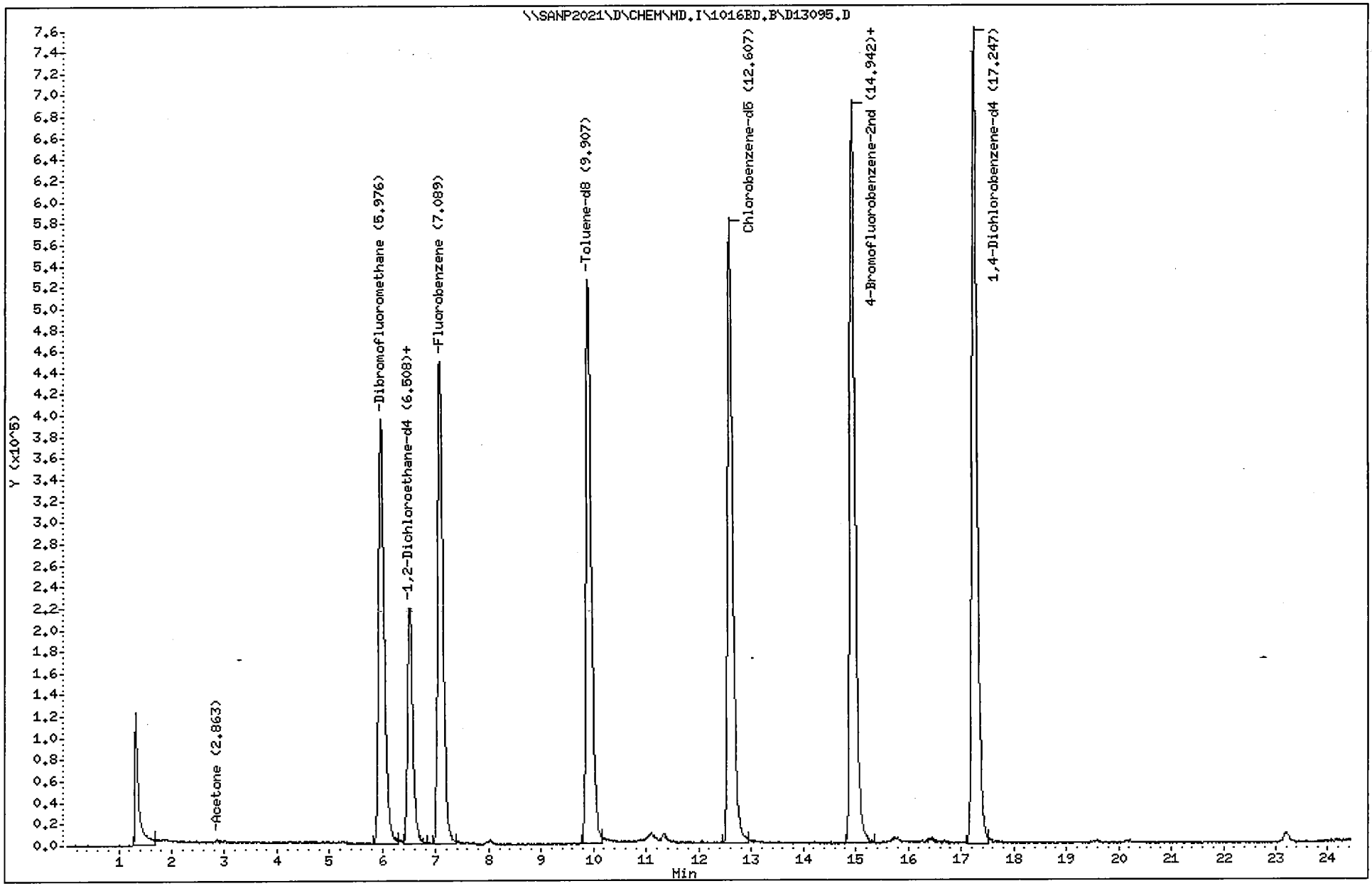
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ air	1.316	9.86	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13095.D
Date : 16-OCT-2000 22:47
Client ID: D13095
Sample Info: DLJMG101,,2,,0,1,0,8260BDA.M,D13095

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



000434

BOE-C6-0169719

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13095.D

Date : 16-OCT-2000 22:47

Client ID: D13095

Instrument: md.i

Sample Info: DLJMG101,,2,,0,1,0,8260BDA.M,D13095

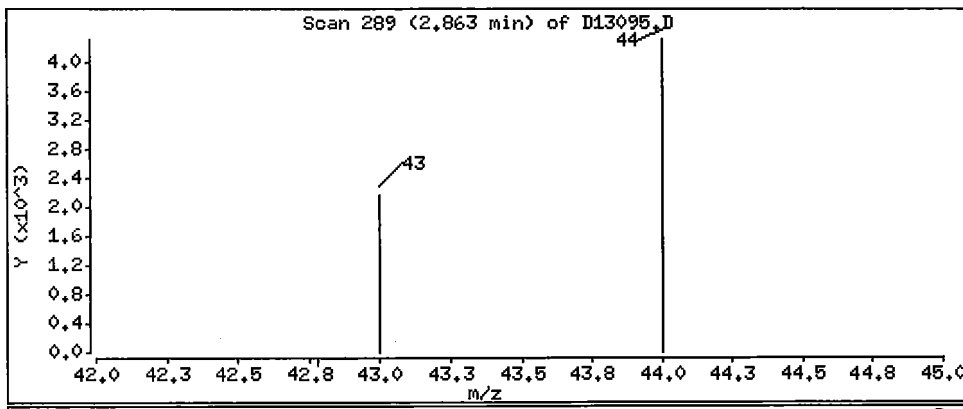
Operator: AD

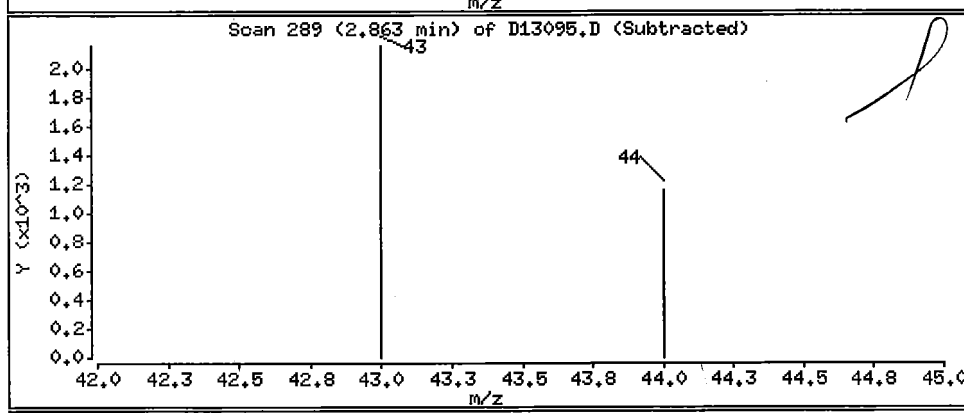
Column phase: J&W DB-624

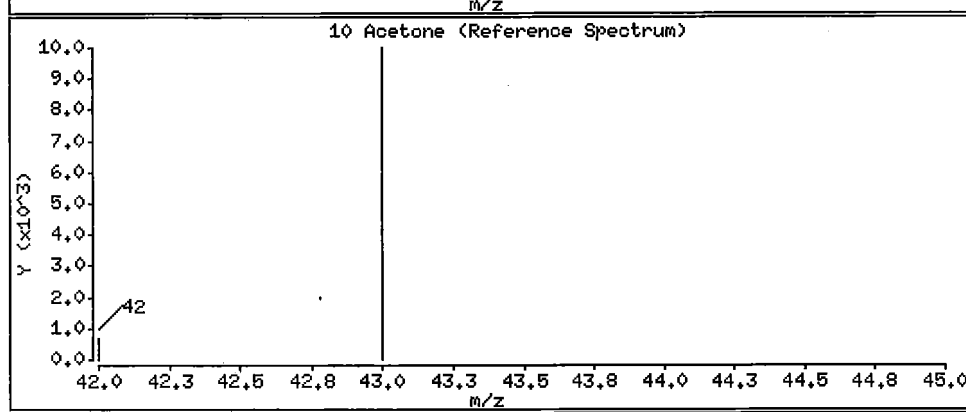
Column diameter: 0.53

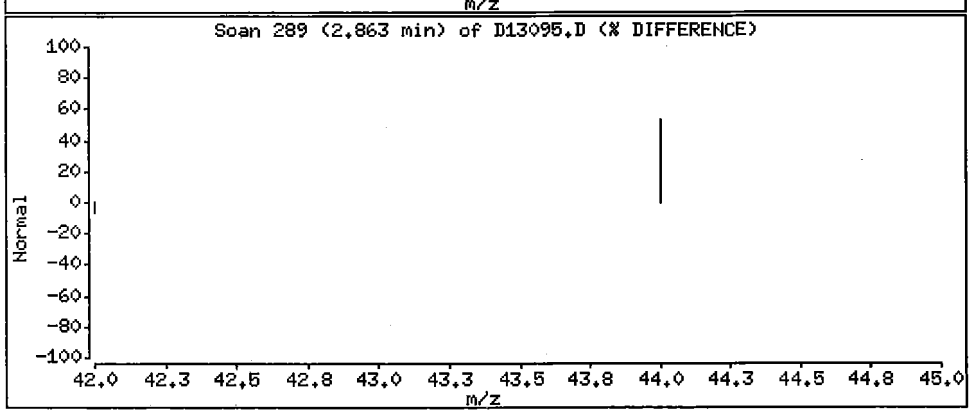
10 Acetone

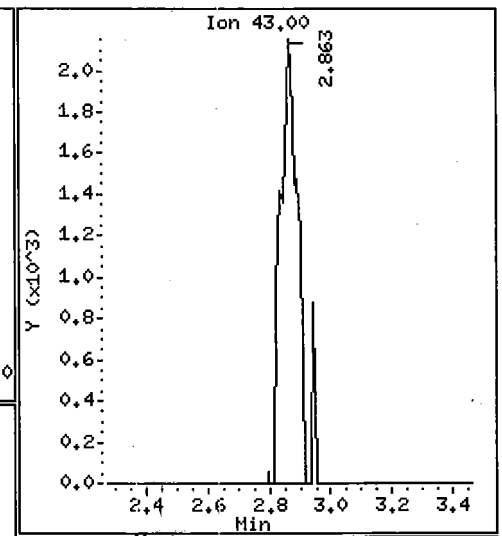
Concentration: 5.41 ug/Kg

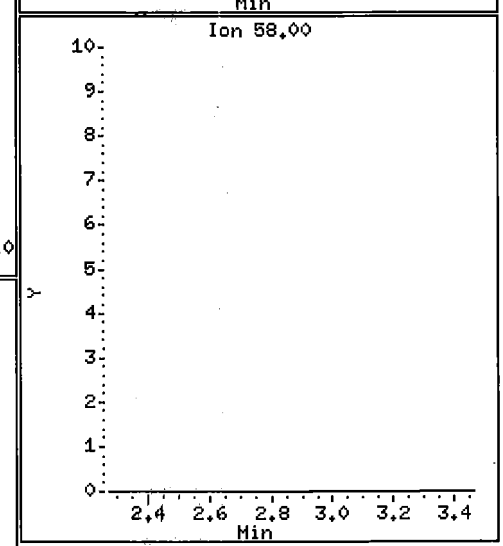












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13095.D

Date : 16-OCT-2000 22:47

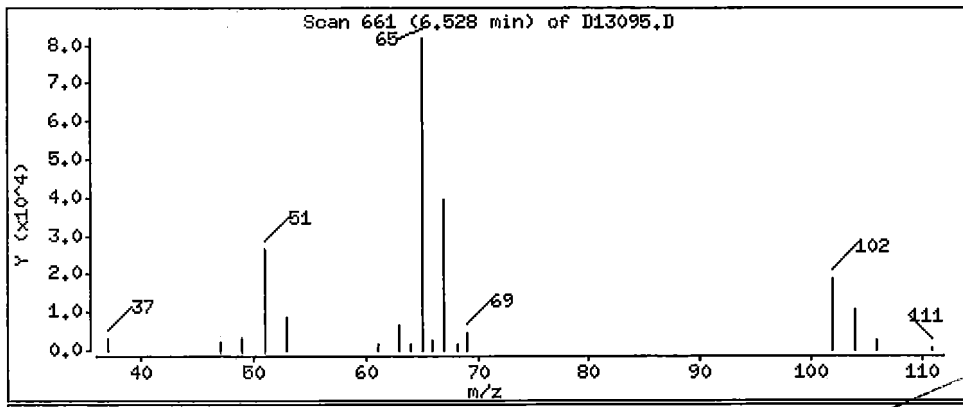
Client ID: D13095 Instrument: md.i

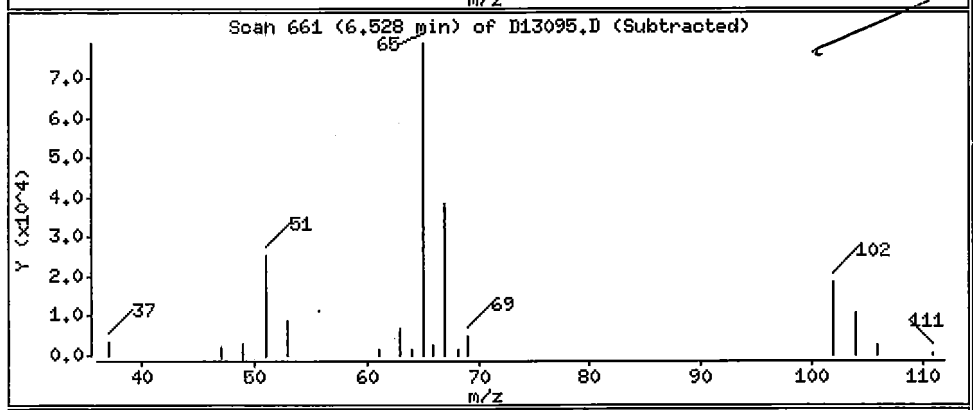
Sample Info: DLJMG101,,2,,0,1,0,8260BDA.M,D13095

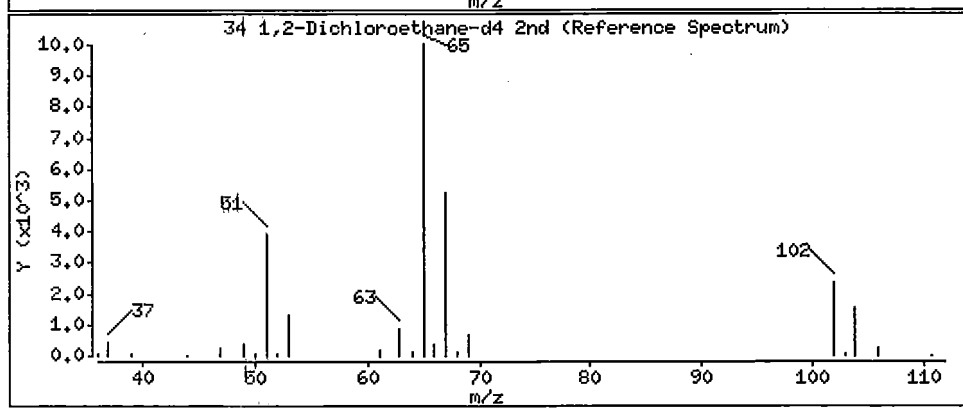
Operator: AD

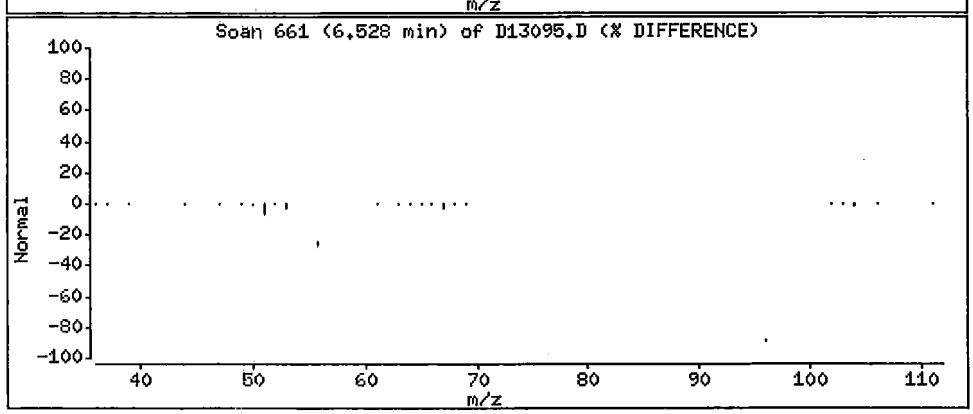
Column phase: J&W DB-624 Column diameter: 0.53

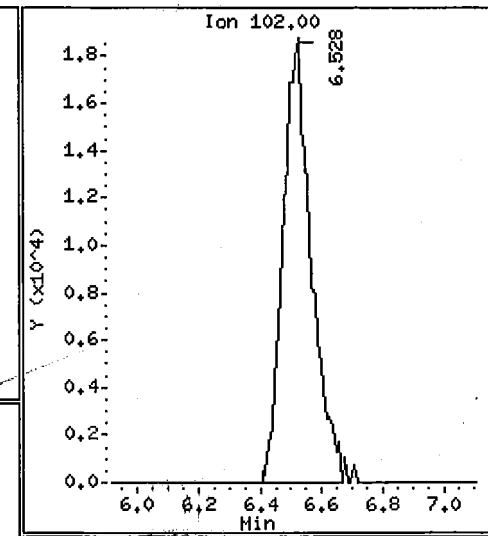
34 1,2-Dichloroethane-d4 2nd Concentration: 45.64 ug/Kg

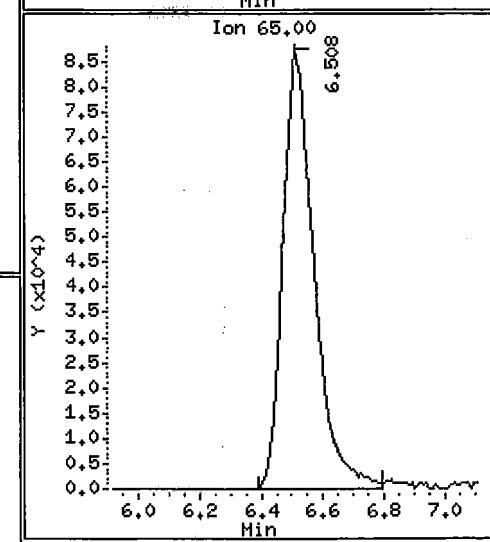












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13095.D

Date : 16-OCT-2000 22:47

Client ID: D13095

Instrument: md.i

Sample Info: DLJHG101,,2,,0,1,0,8260BDA.M,D13095

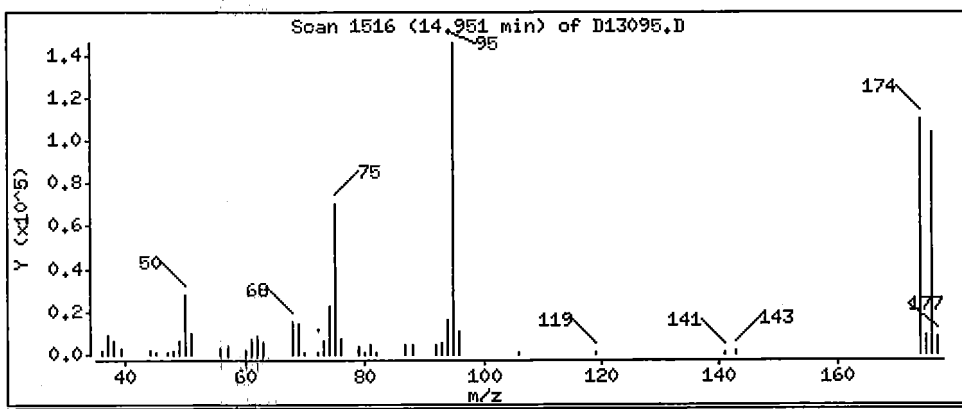
Operator: AD

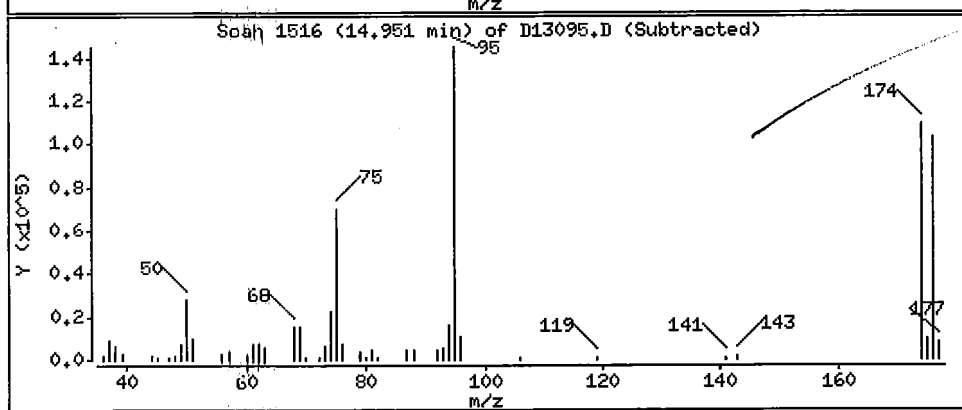
Column phase: J&W DB-624

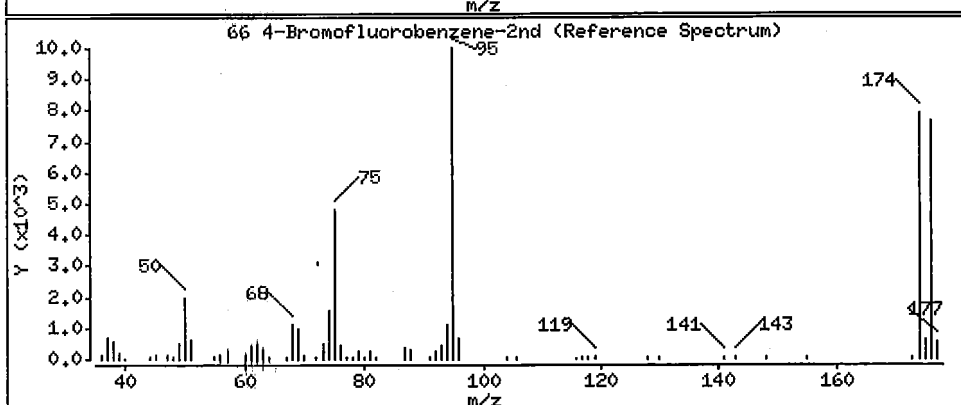
Column diameter: 0.53

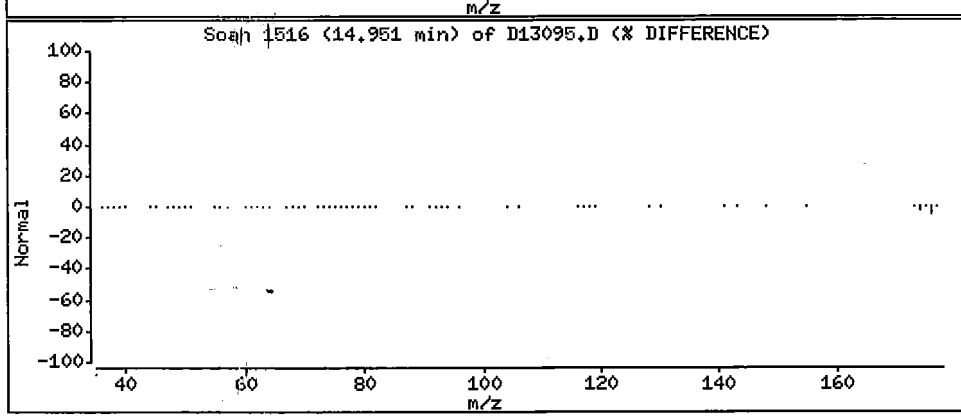
66 4-Bromofluorobenzene-2nd

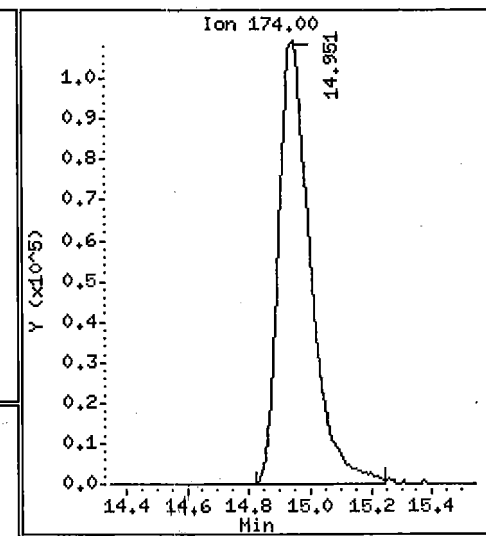
Concentration: 45.52 ug/Kg

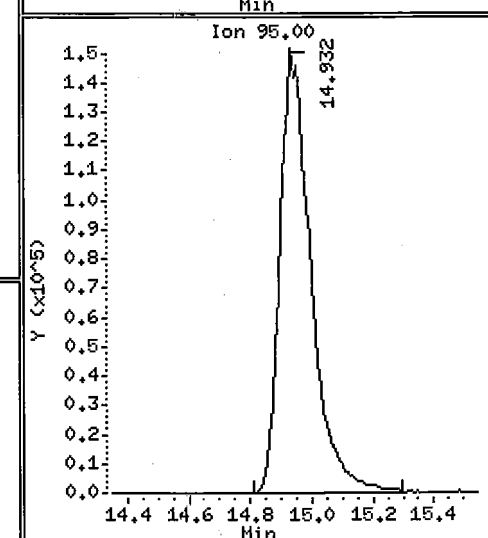


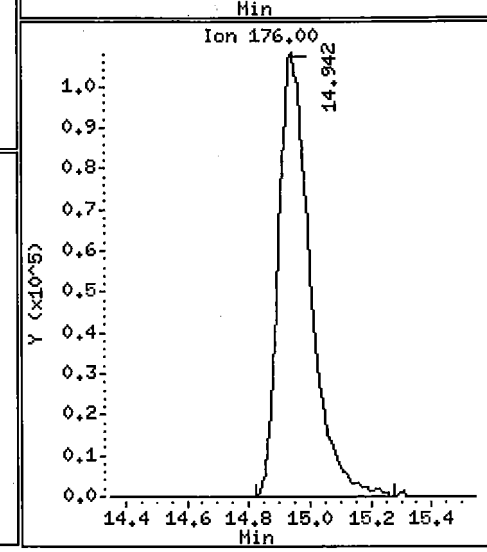












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13095.D

Date : 16-OCT-2000 22:47

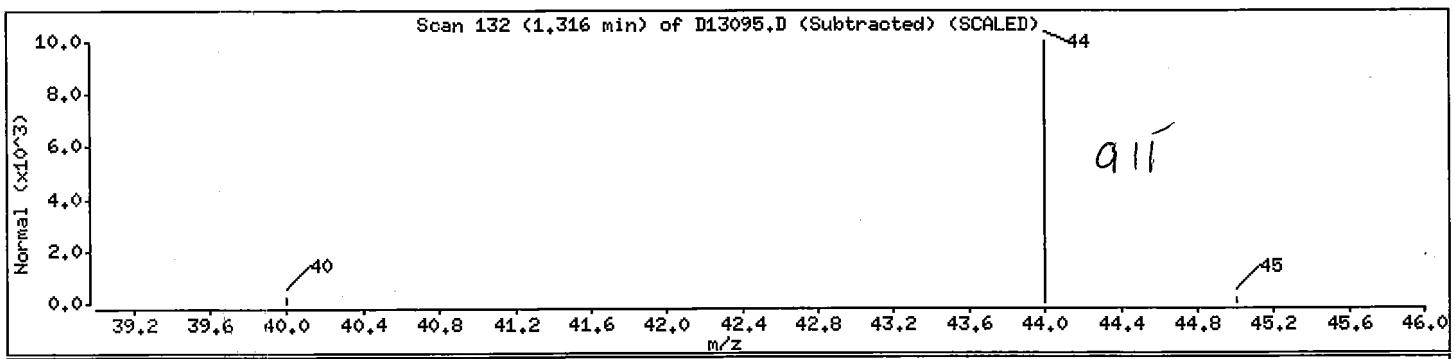
Client ID: D13095 Instrument: md.i

Sample Info: DLJHB101,,2,,0,1,0,8260BDA.M,D13095

Operator: AD

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

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13098.D
Lab Smp Id: DLJMH101 Client Smp ID: D13098
Inj Date : 17-OCT-2000 00:22
Operator : AD Inst ID: md.i
Smp Info : DLJMH101,,2,,0,1,0,8260BDA.M,D13098
Misc Info : E0J040325-3,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.963	5.982	(0.840)	839578	44.3419	44.34	
$ 33 1,2-Dichloroethane-d4	65	6.504	6.504	(0.917)	565172	44.2222	44.22	
34 1,2-Dichloroethane-d4 2nd	102	6.504	6.514	(0.917)	112640	43.6861	43.69	
* 38 Fluorobenzene	96	7.096	7.095	(1.000)	1331152	50.0000		
$ 47 Toluene-d8	98	9.903	9.913	(0.785)	1203362	44.3681	44.37	
* 56 Chlorobenzene-d5	117	12.613	12.593	(1.000)	1171603	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.948	14.947	(0.866)	740560	45.7943	45.79	
$ 67 4-Bromofluorobenzene	95	14.938	14.947	(0.865)	1002706	46.4566	46.46	
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.253	(1.000)	812147	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\1016BD.B\D13098.D
Lab Smp Id: DLJMH101 Client Smp ID: D13098
Inj Date : 17-OCT-2000 00:22
Operator : AD Inst ID: md.i
Smp Info : DLJMH101,,2,,0,1,0,8260BDA.M,D13098
Misc Info : E0J040325-3,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.095	3083568	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
1.312	544415	8.82767484	8.83	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMH101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13098
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

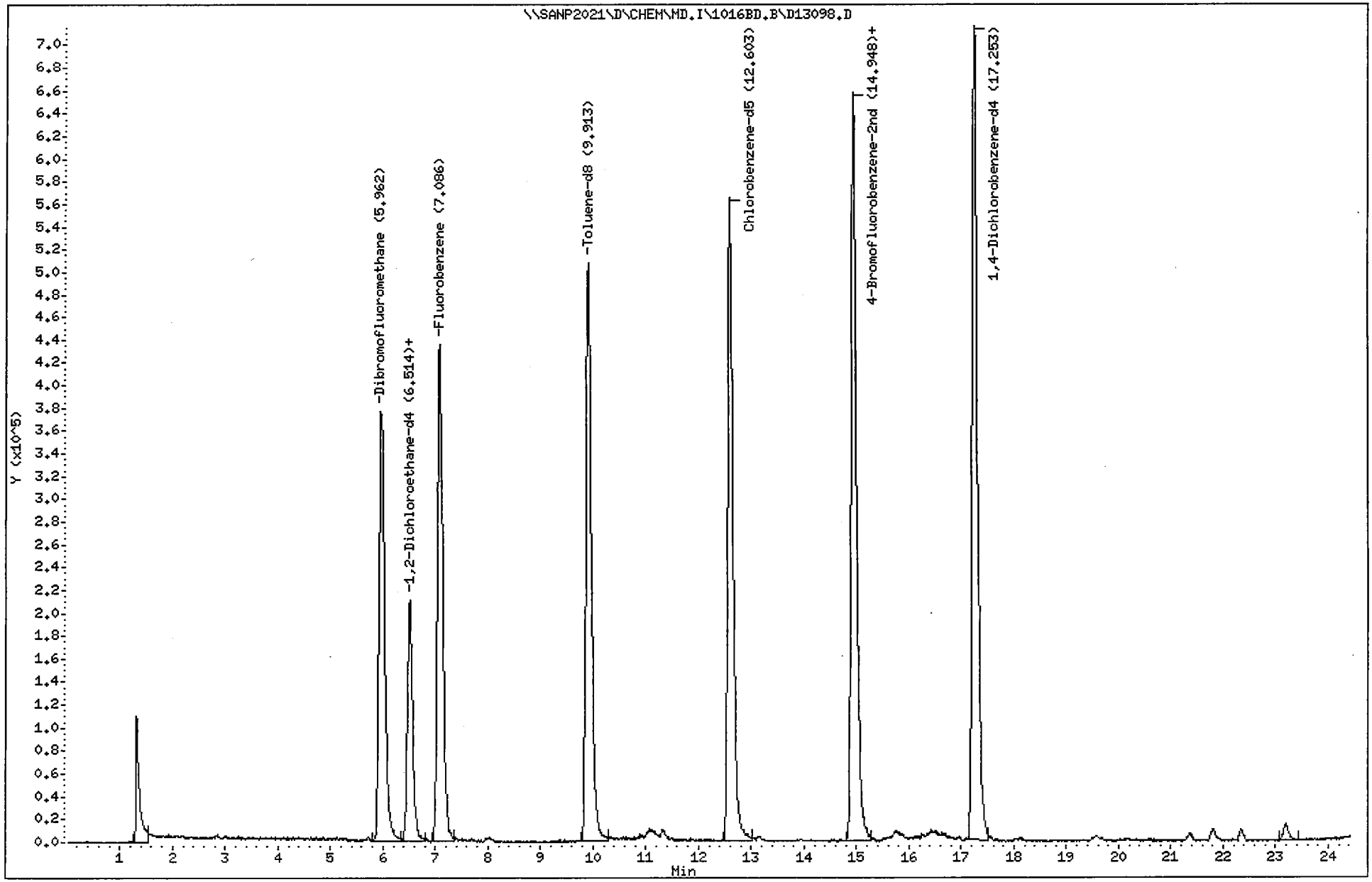
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ NJ	1.312	8.83	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13098.D
Date : 17-OCT-2000 00:22
Client ID: D13098
Sample Info: DLJMH101,,2,,0,1,0,8260BDA.M,D13098

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000442

BOE-C6-0169727

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13098.D

Date : 17-OCT-2000 00:22

Client ID: D13098

Instrument: md.i

Sample Info: DLJMH101,,2,,0,1,0,8260BDA.M,D13098

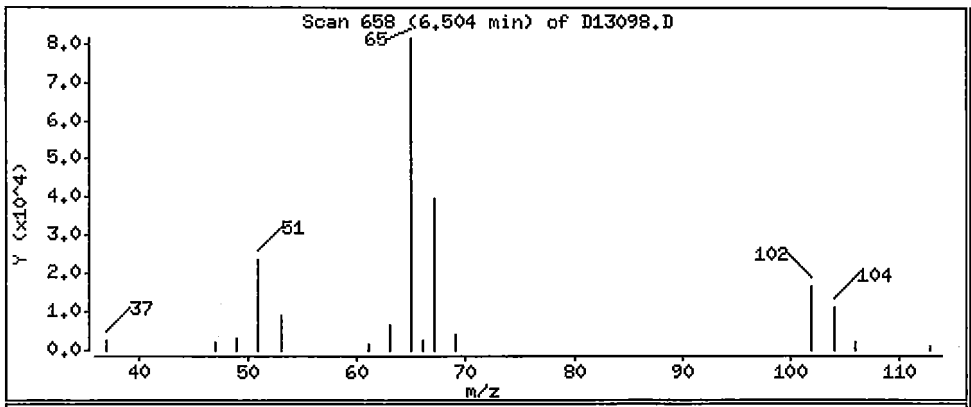
Operator: AD

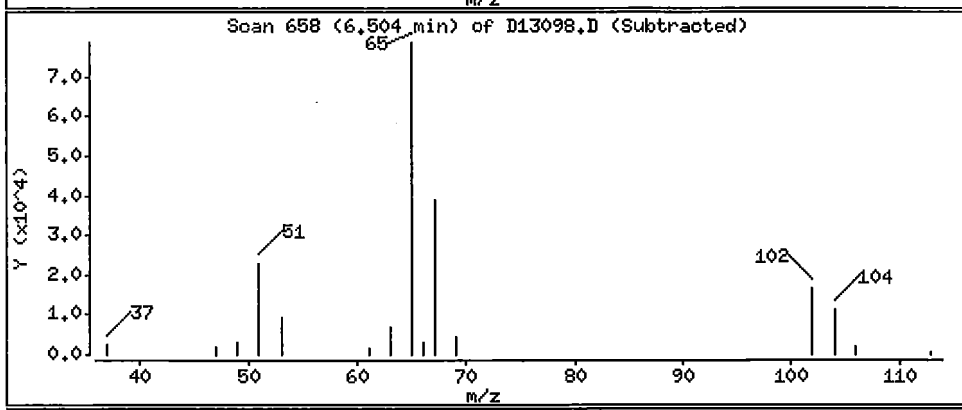
Column phase: J&W DB-624

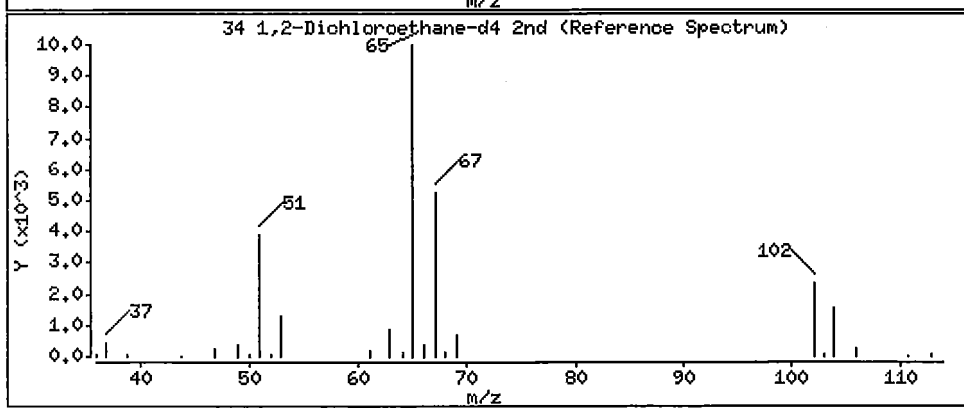
Column diameter: 0.53

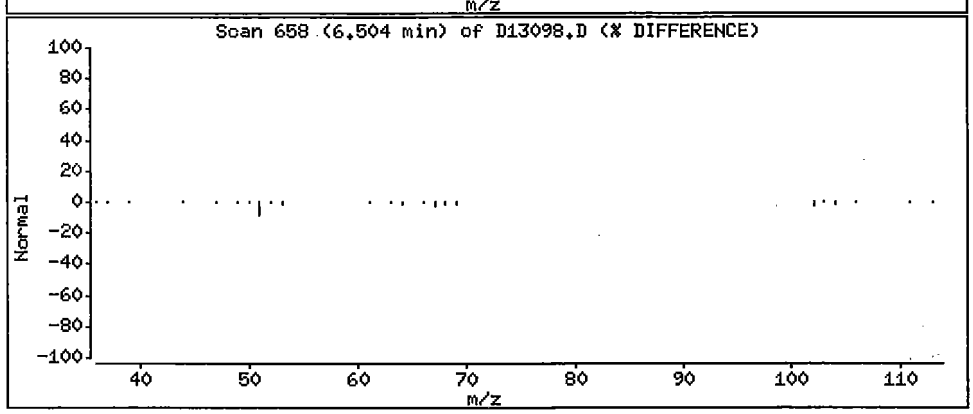
34 1,2-Dichloroethane-d4 2nd

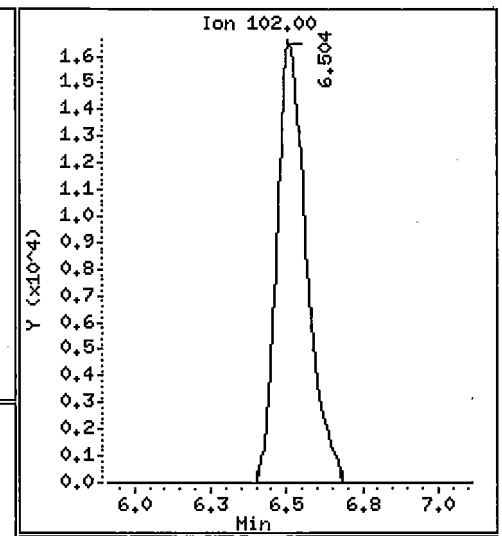
Concentration: 43.69 ug/Kg

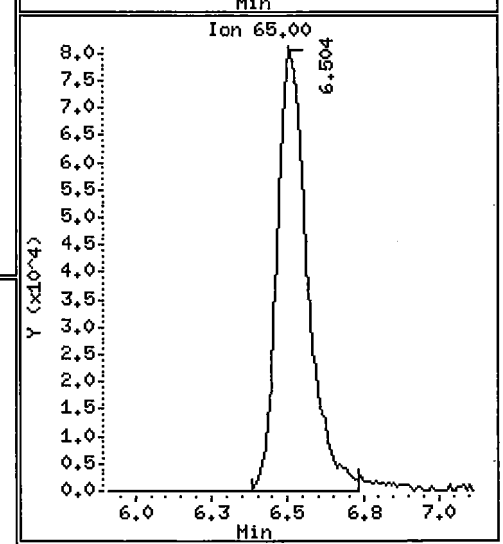












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13098.D

Date : 17-OCT-2000 00:22

Client ID: D13098

Instrument: md.i

Sample Info: DLJMH101,,2,,0,1,0,8260BDA.M,D13098

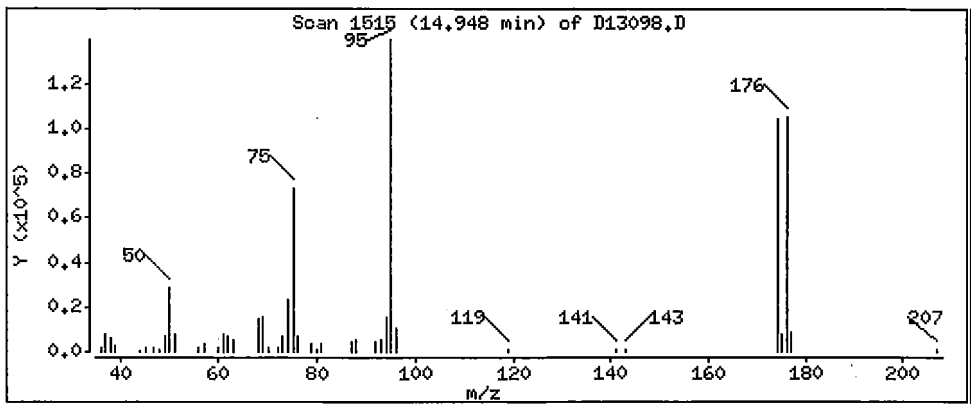
Operator: AD

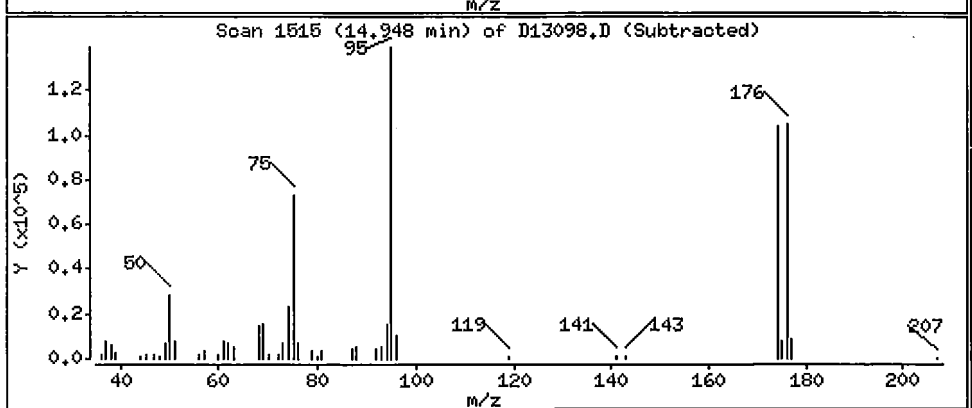
Column phase: J&W DB-624

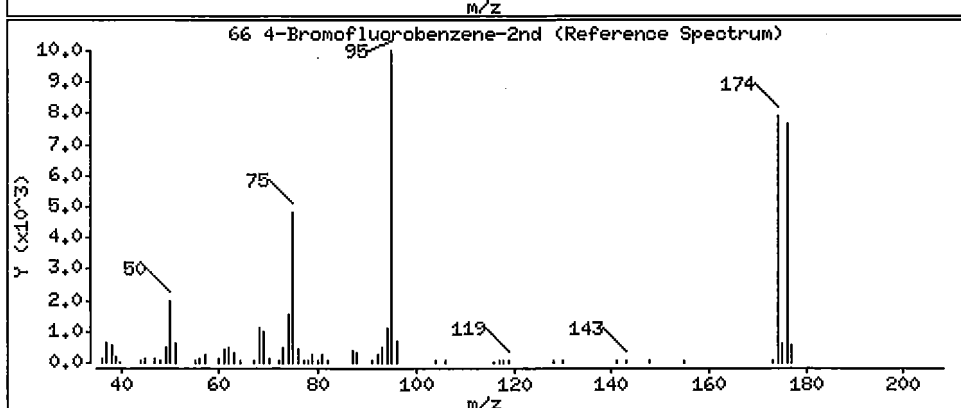
Column diameter: 0.53

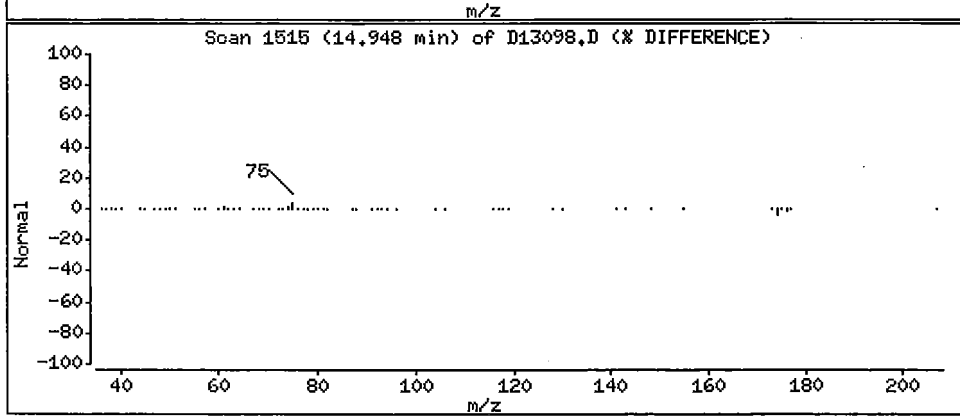
66 4-Bromofluorobenzene-2nd

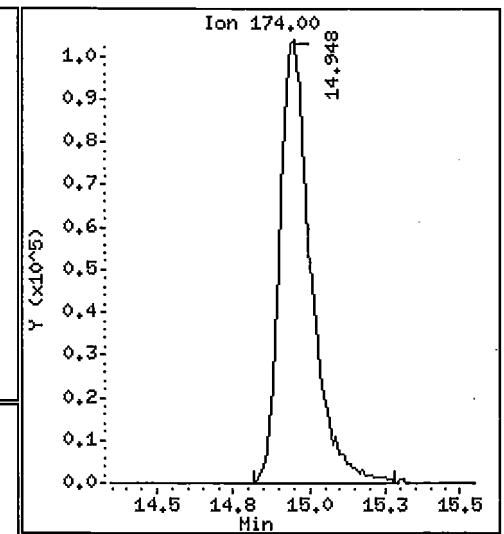
Concentration: 45.79 ug/Kg

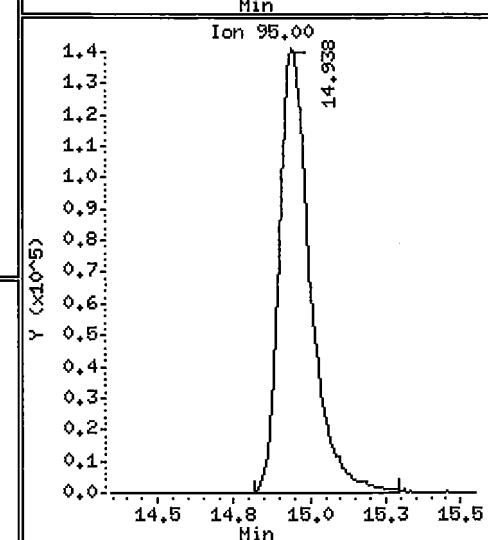


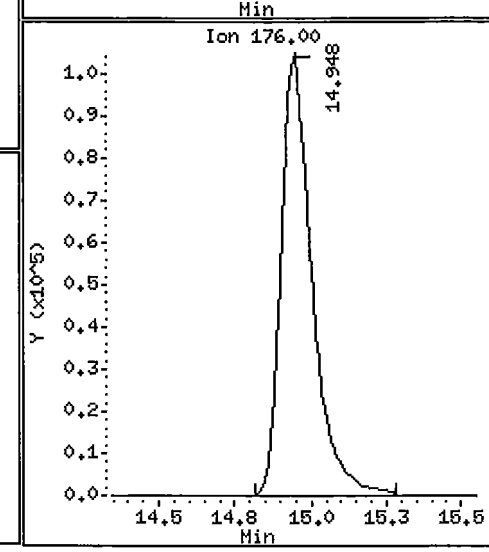












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13098.D

Date : 17-OCT-2000 00:22

Client ID: D13098

Instrument: md.i

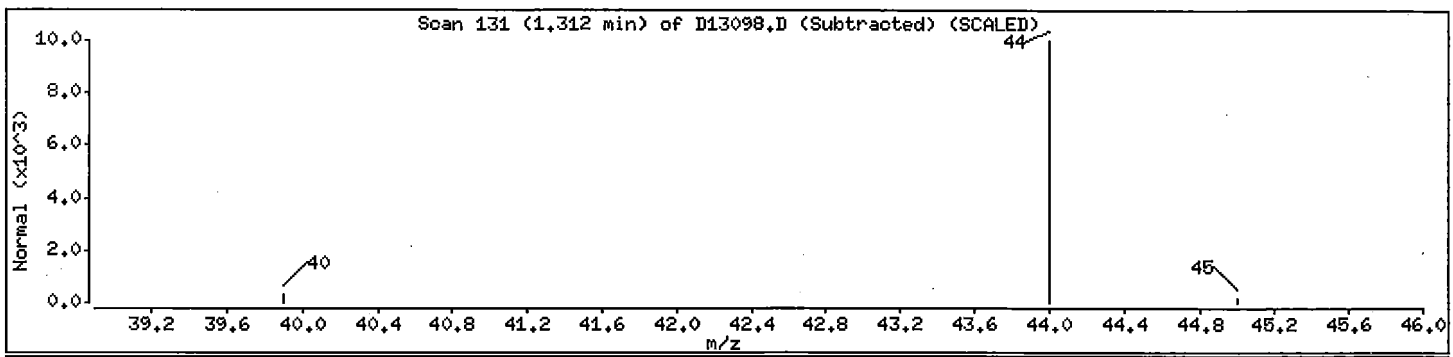
Sample Info: DLJMH101,,2,,0,1,0,8260BDA,M,D13098

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



co

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13099.D
Lab Smp Id: DLJMJ101 Client Smp ID: D13099
Inj Date : 17-OCT-2000 00:53
Operator : AD Inst ID: md.i
Smp Info : DLJMJ101,,2,,0,1,0,8260BDA.M,D13099
Misc Info : E0J040325-4,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.865	2.868	(0.404)	14512	9.93737	9.94
$ 29 Dibromofluoromethane	111	5.968	5.982	(0.842)	864808	46.0913	46.09
$ 33 1,2-Dichloroethane-d4	65	6.520	6.504	(0.919)	582114	45.9636	45.96
34 1,2-Dichloroethane-d4 2nd	102	6.520	6.514	(0.919)	110484	43.2410	43.24
* 38 Fluorobenzene	96	7.091	7.095	(1.000)	1319112	50.0000	
$ 47 Toluene-d8	98	9.919	9.913	(0.787)	1219168	44.4992	44.50
* 56 Chlorobenzene-d5	117	12.608	12.593	(1.000)	1183493	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.947	(0.866)	757438	46.1138	46.11
$ 67 4-Bromofluorobenzene	95	14.943	14.947	(0.866)	1020532	46.5515	46.55
* 79 1,4-Dichlorobenzene-d4	152	17.259	17.253	(1.000)	824901	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\1016BD.B\D13099.D
Lab Smp Id: DLJMJ101 Client Smp ID: D13099
Inj Date : 17-OCT-2000 00:53
Operator : AD Inst ID: md.i
Smp Info : DLJMJ101,,2,,0,1,0,8260BDA.M,D13099
Misc Info : E0J040325-4,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.091	3095599	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	544443	8.79381741	8.79	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMJ101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13099
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~~ NP	1.318	8.79	J

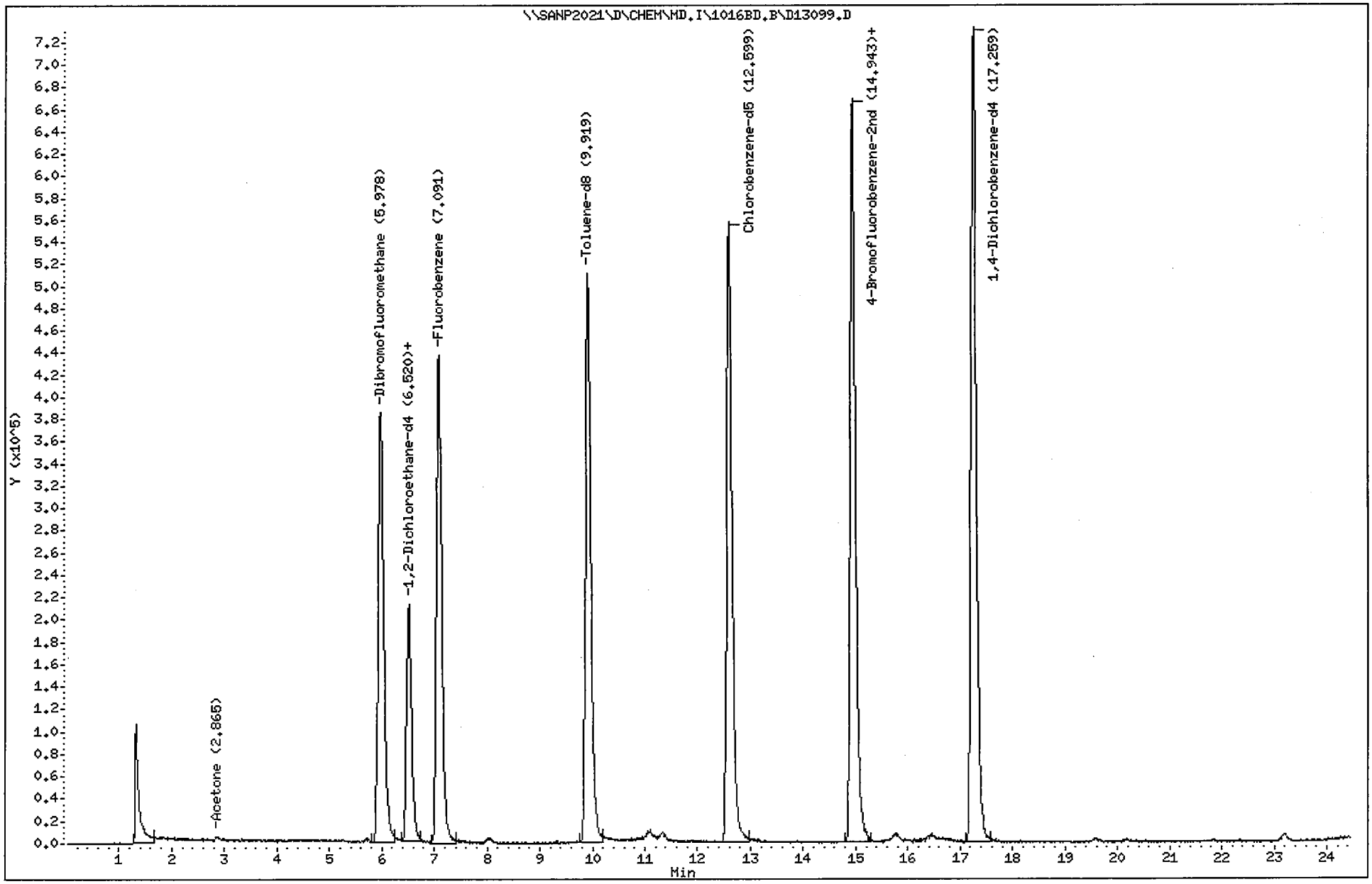
Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13099.D
Date : 17-OCT-2000 00:53
Client ID: D13099
Sample Info: DLJMJ101,,2,,0,1,0,8260BDA.M,D13099

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



000450

BOE-C6-0169735

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13099.D

Date : 17-OCT-2000 00:53

Client ID: D13099

Instrument: md.i

Sample Info: DLJMJ101,,2,,0,1,0,8260BDA.M,D13099

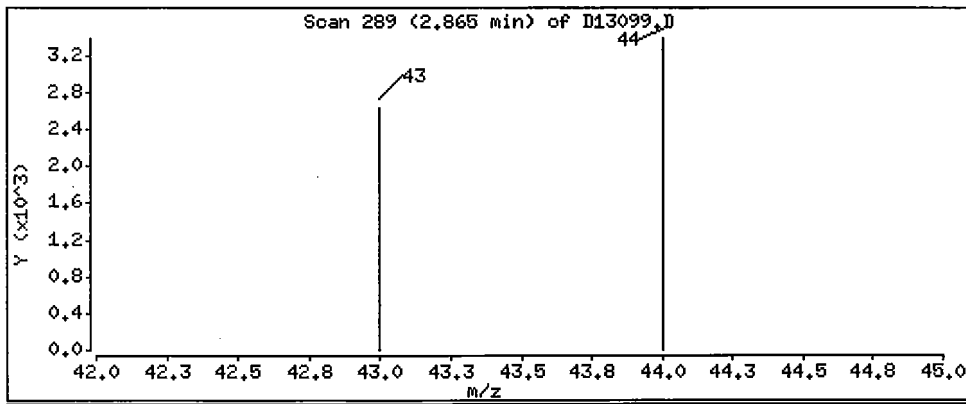
Operator: AD

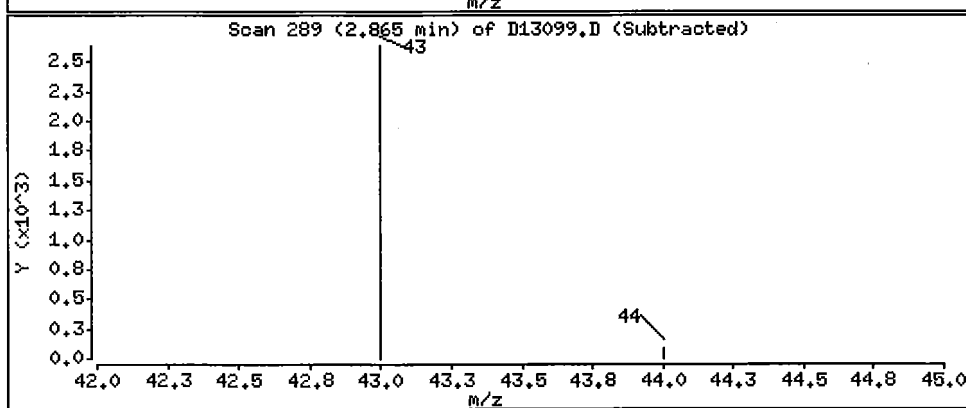
Column phase: J&W DB-624

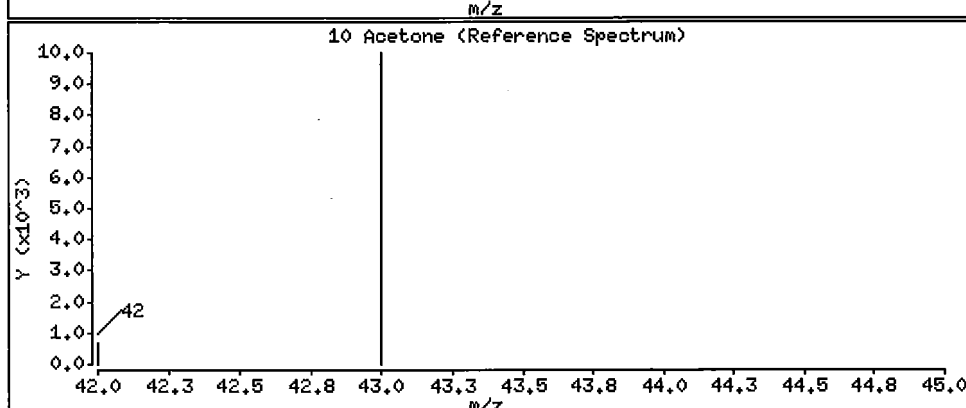
Column diameter: 0.53

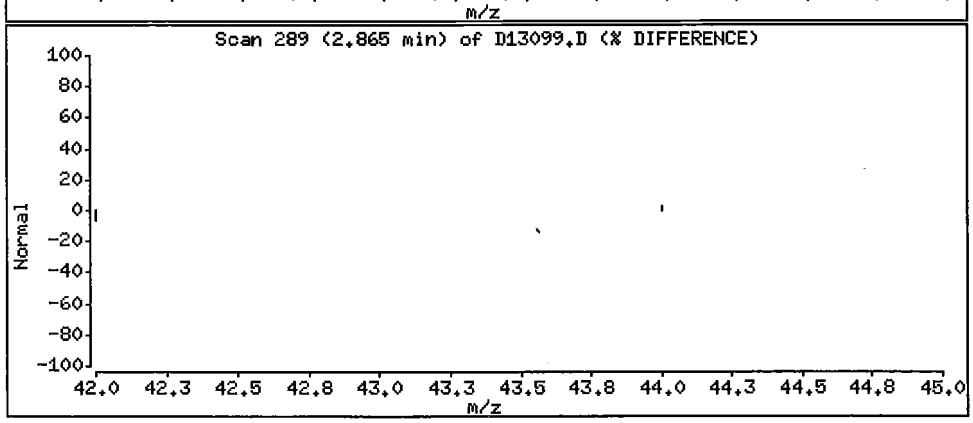
10 Acetone

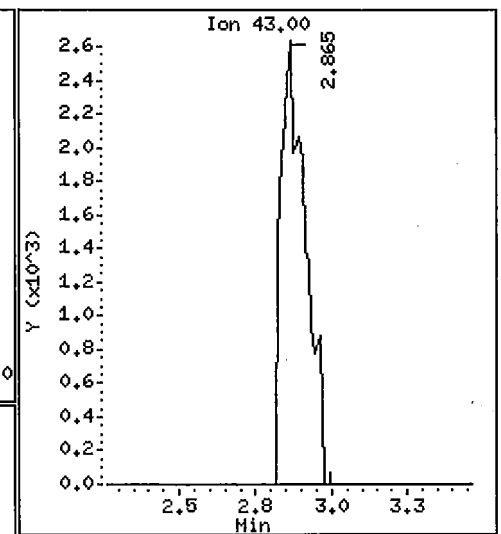
Concentration: 9.94 ug/Kg

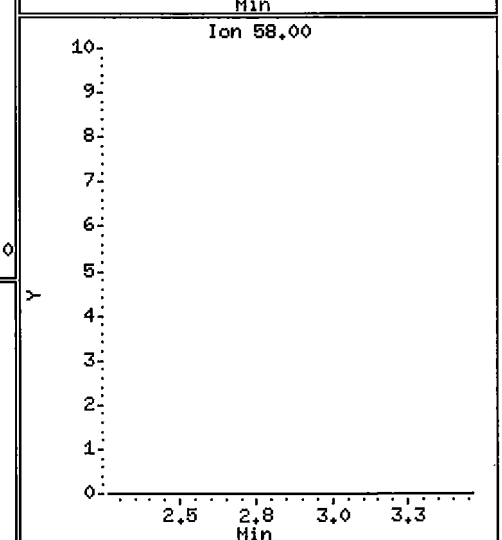












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13099.D

Date : 17-OCT-2000 00:53

Client ID: D13099

Instrument: md.i

Sample Info: DLJMJ101,,2,,0,1,0,8260BDA.M,D13099

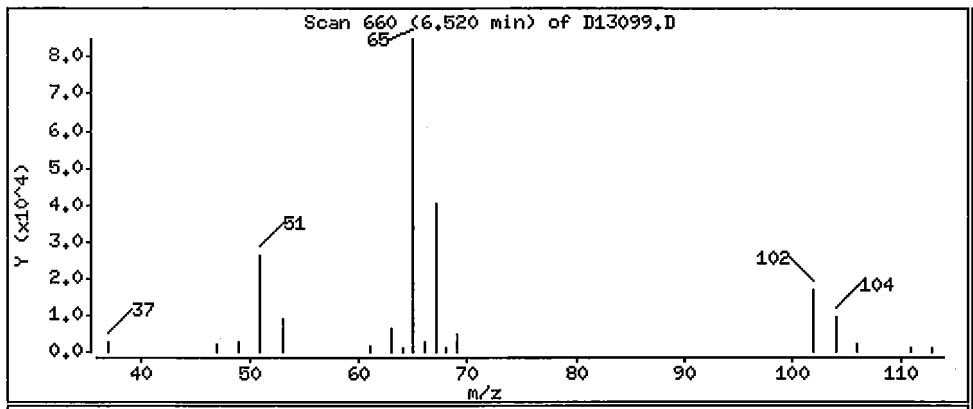
Operator: AD

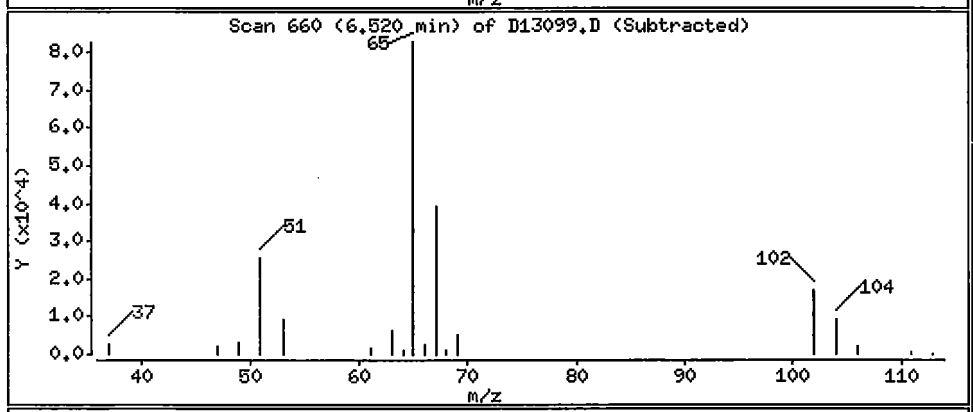
Column phase: J&W DB-624

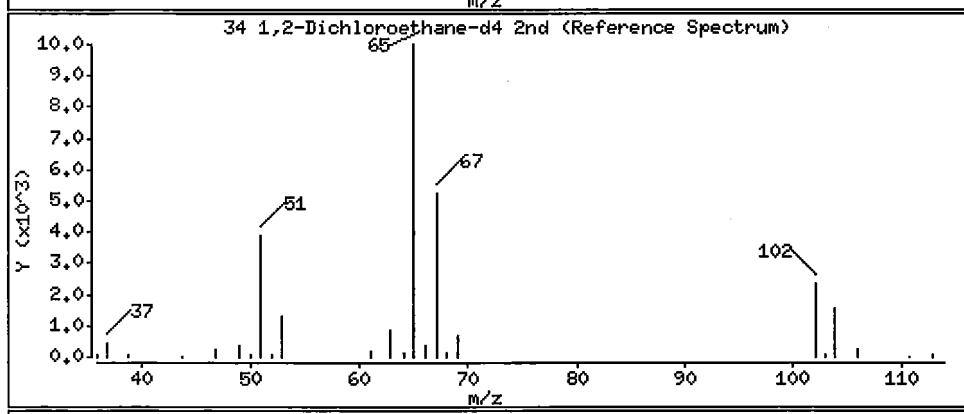
Column diameter: 0.53

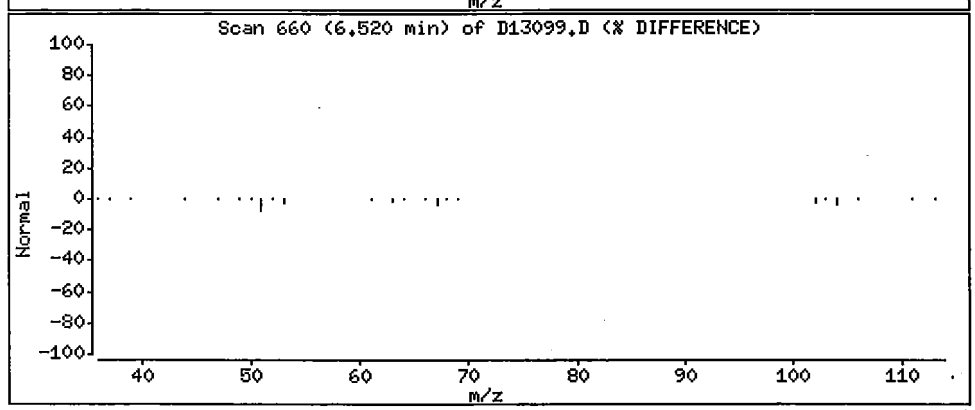
34 1,2-Dichloroethane-d4 2nd

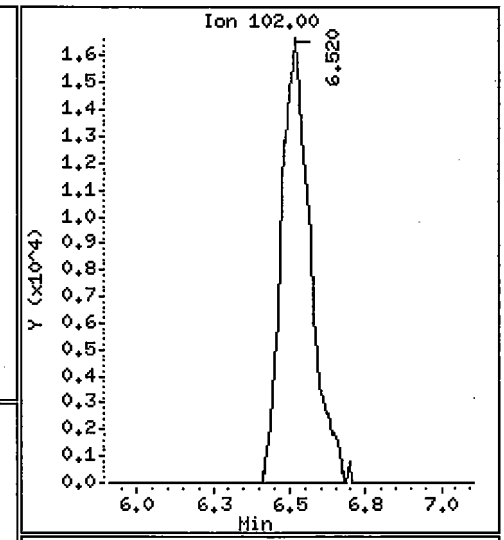
Concentration: 43.24 ug/Kg

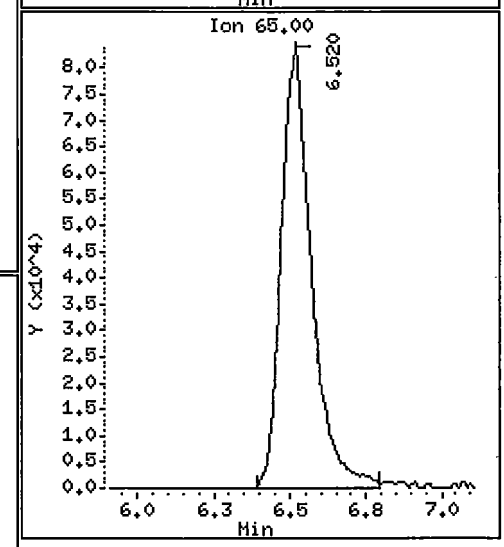












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13099.D

Date : 17-OCT-2000 00:53

Client ID: D13099

Instrument: md.i

Sample Info: DLJMJ101,,2,,0,1,0,8260BDA.M,D13099

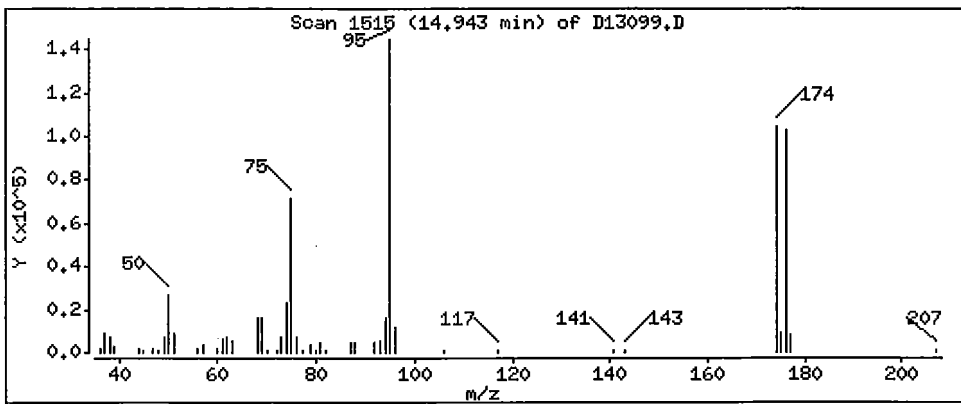
Operator: AD

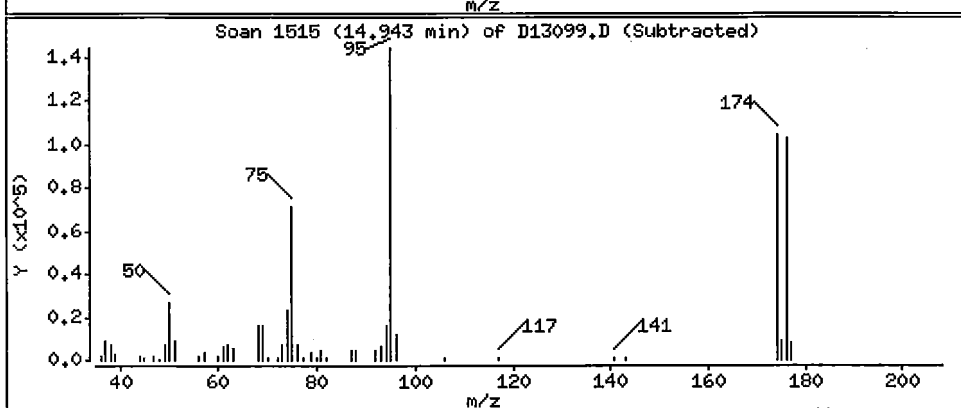
Column phase: J&W DB-624

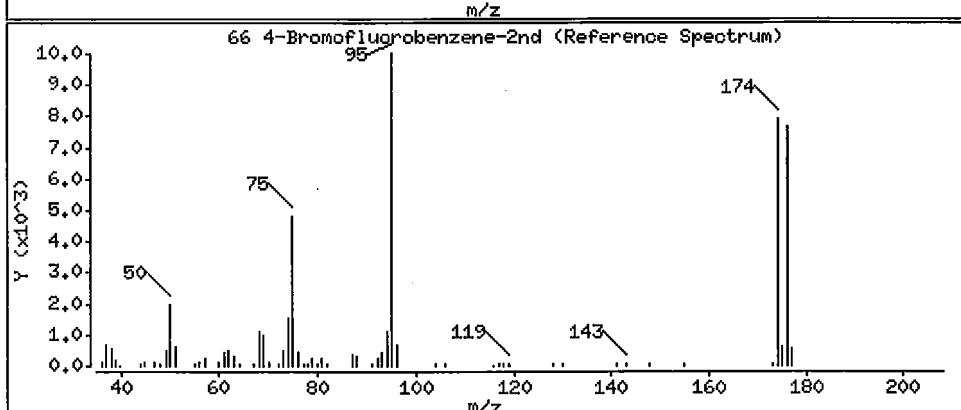
Column diameter: 0.53

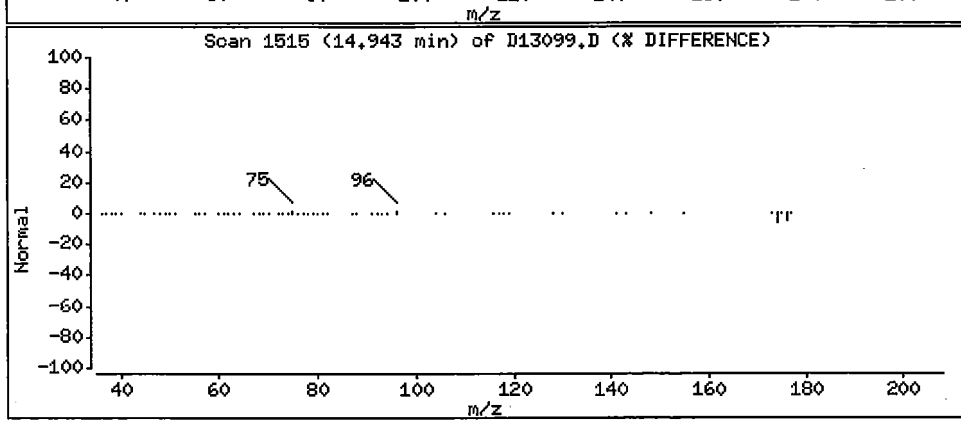
66 4-Bromofluorobenzene-2nd

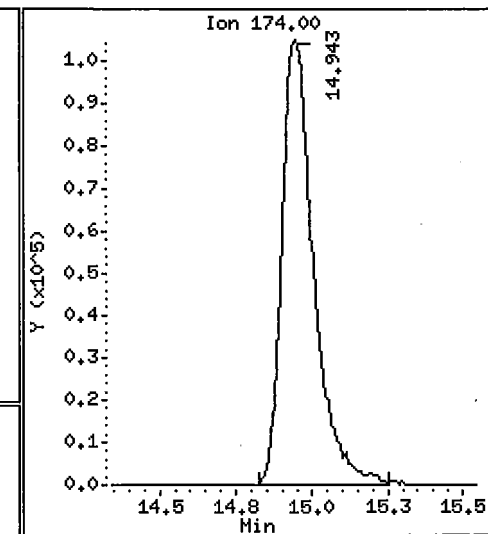
Concentration: 46.11 ug/Kg

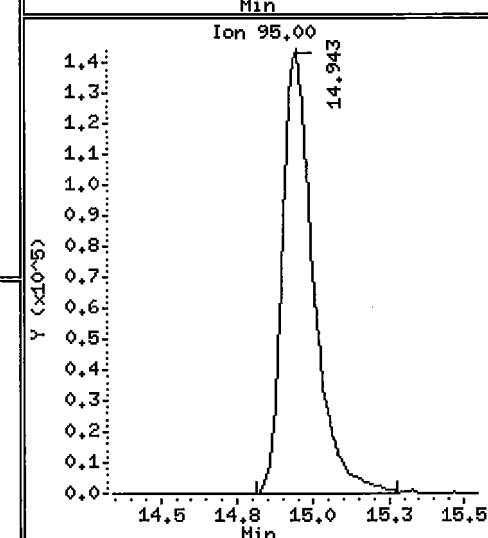


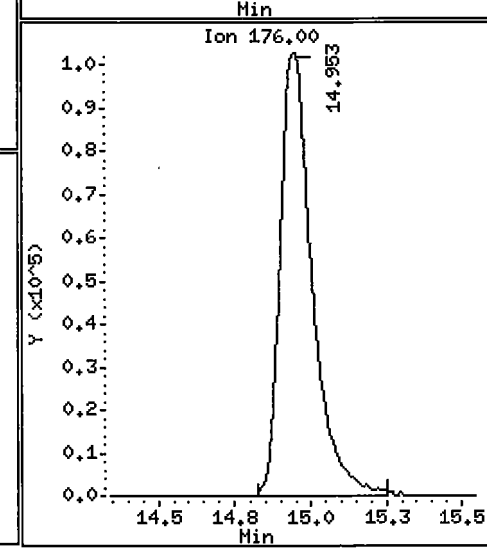












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13099.D

Date : 17-OCT-2000 00:53

Client ID: D13099

Instrument: md.i

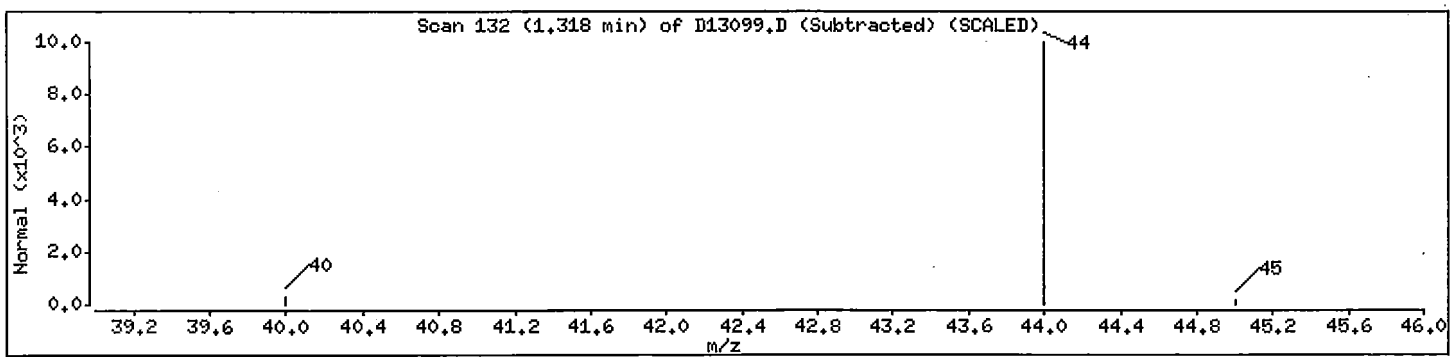
Sample Info: DLJMJ101,,2,,0,1,0,8260BDA.M,D13099

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13100.D
Lab Smp Id: DLJMK101 Client Smp ID: D13100
Inj Date : 17-OCT-2000 01:25
Operator : AD Inst ID: md.i
Smp Info : DLJMK101,,2,,0,1,0,8260BDA.M,D13100
Misc Info : E0J040325-5,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.976	5.982	(0.843)	852188	45.3944	45.39	
$ 33 1,2-Dichloroethane-d4	65	6.518	6.504	(0.919)	585482	46.2048	46.20	
34 1,2-Dichloroethane-d4 2nd	102	6.508	6.514	(0.918)	112953	44.1837	44.18	
* 38 Fluorobenzene	96	7.090	7.095	(1.000)	1319820	50.0000		
$ 47 Toluene-d8	98	9.917	9.913	(0.787)	1228066	45.0871	45.09	
* 56 Chlorobenzene-d5	117	12.607	12.593	(1.000)	1176586	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.942	14.947	(0.866)	741101	46.0864	46.09	
$ 67 4-Bromofluorobenzene	95	14.952	14.947	(0.866)	1001854	46.6791	46.68	
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.253	(1.000)	807590	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\1016BD.B\D13100.D
Lab Smp Id: DLJMK101 Client Smp ID: D13100
Inj Date : 17-OCT-2000 01:25
Operator : AD Inst ID: md.i
Smp Info : DLJMK101,,2,,0,1,0,8260BDA.M,D13100
Misc Info : E0J040325-5,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	3094365	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	596679	9.64137218	9.64	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMK101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13100
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.	Un~~known~~ N	1.316	9.64	J

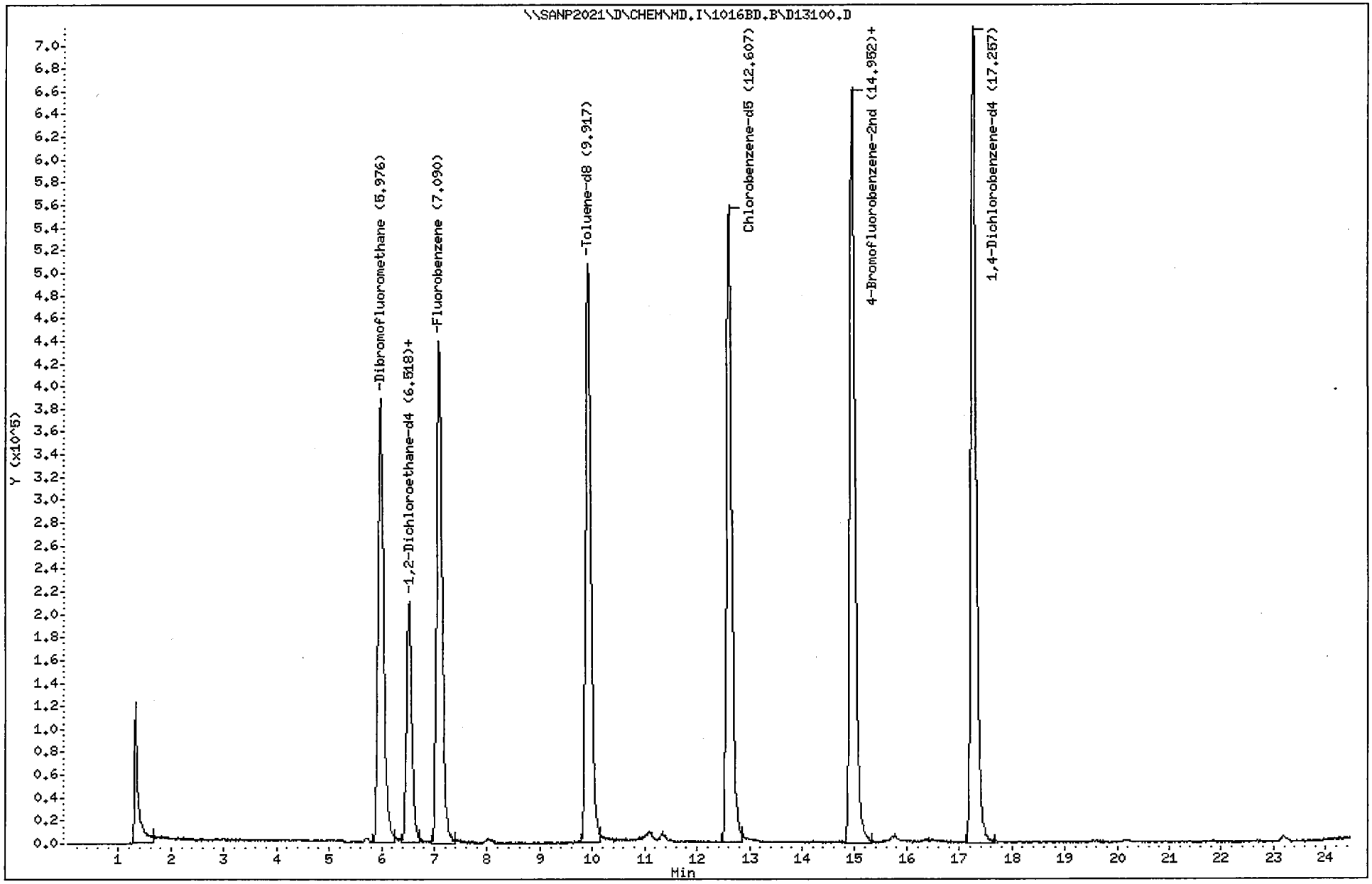
Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13100.D
Date : 17-OCT-2000 01:25
Client ID: D13100
Sample Info: DLJMK101,,2,,0,1,0,8260BDA,M,D13100

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0169743

000459

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13100.D

Date : 17-OCT-2000 01:25

Client ID: D13100

Instrument: md.i

Sample Info: DLJMK101,,2,,0,1,0,8260BDA,M,D13100

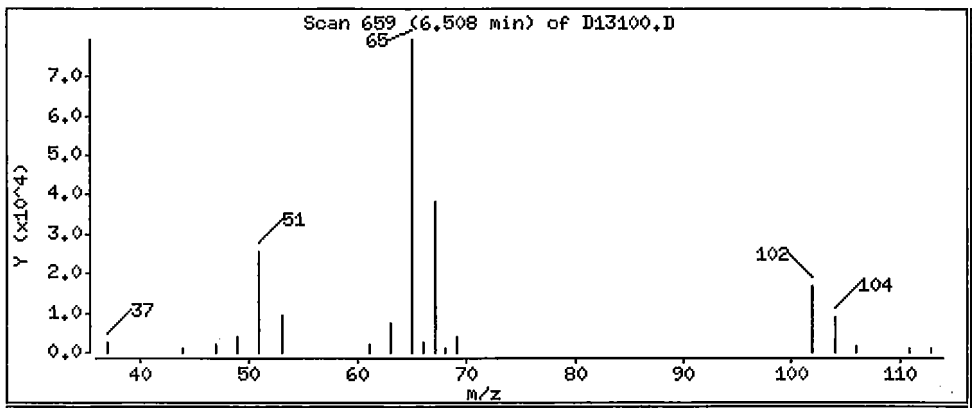
Operator: AD

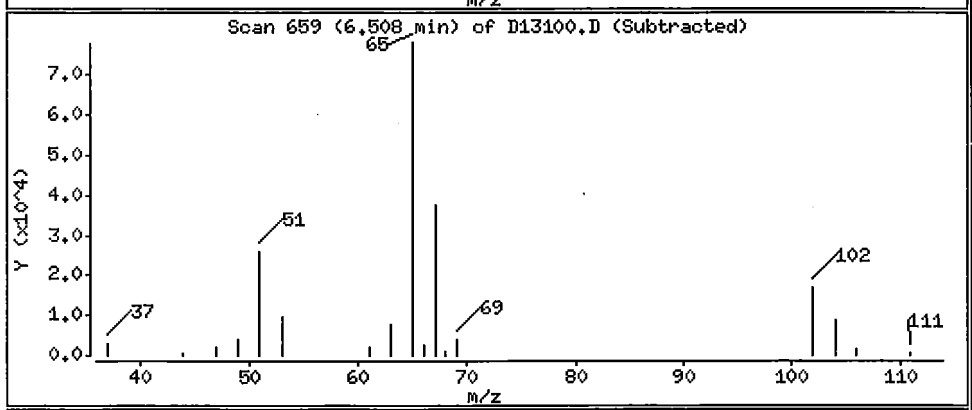
Column phase: J&W DB-624

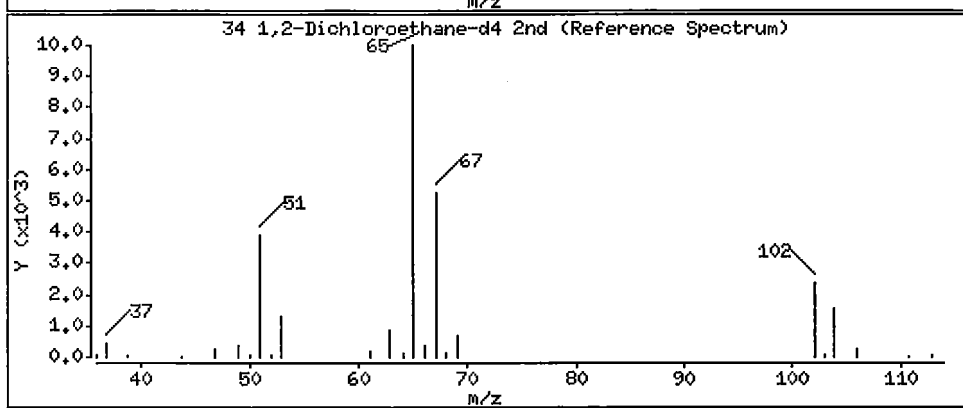
Column diameter: 0.53

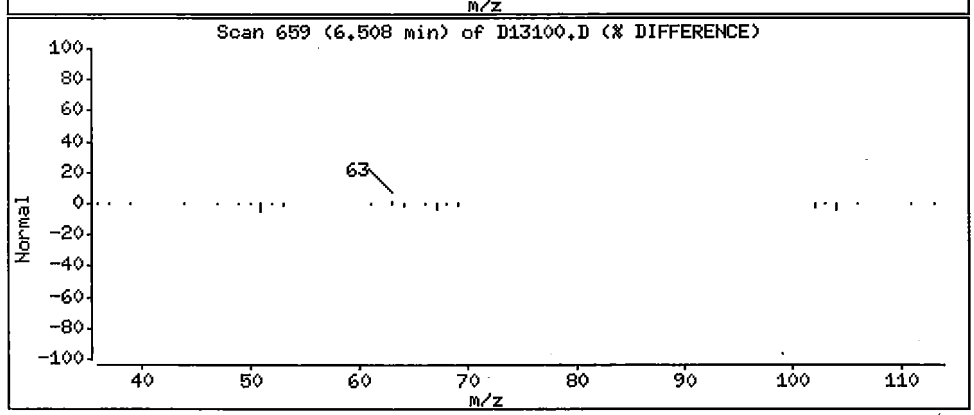
34 1,2-Dichloroethane-d4 2nd

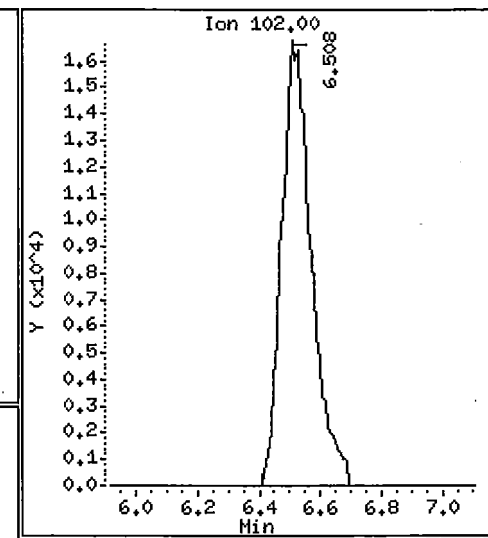
Concentration: 44.18 ug/Kg

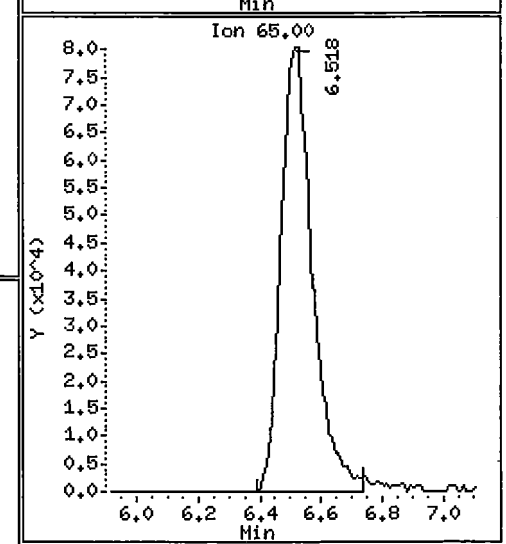












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13100.D

Date : 17-OCT-2000 01:25

Client ID: D13100

Instrument: md.i

Sample Info: DLJMK101,,2,,0,1,0,8260BDA.M,D13100

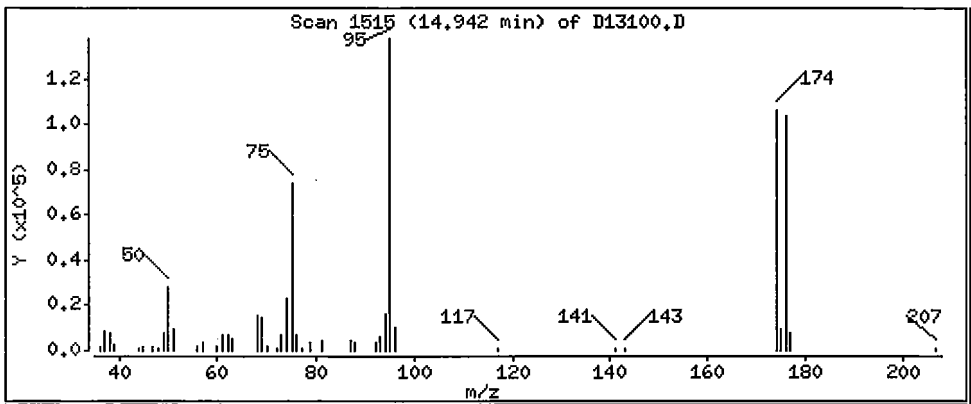
Operator: AD

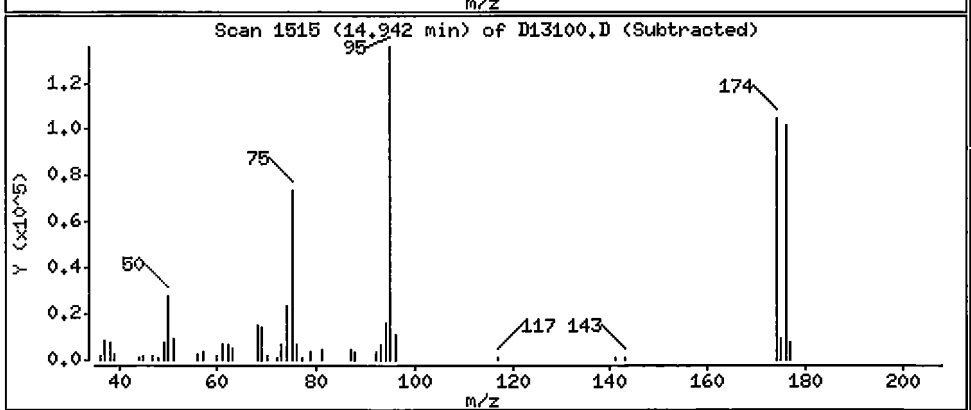
Column phase: J&W DB-624

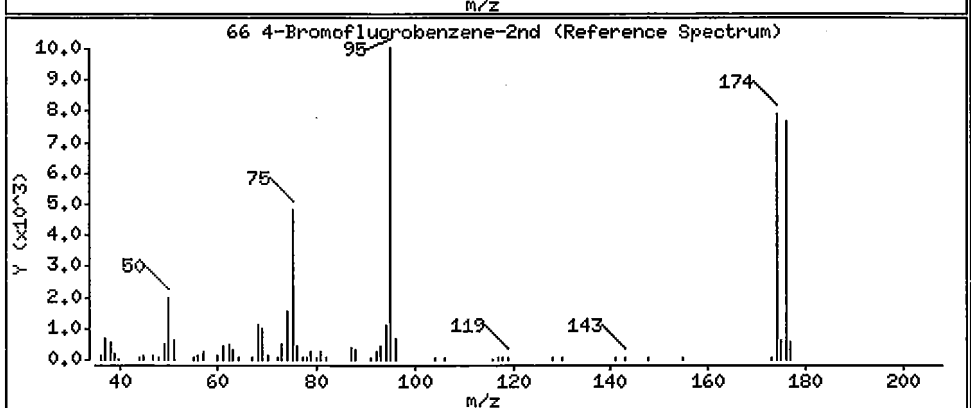
Column diameter: 0.53

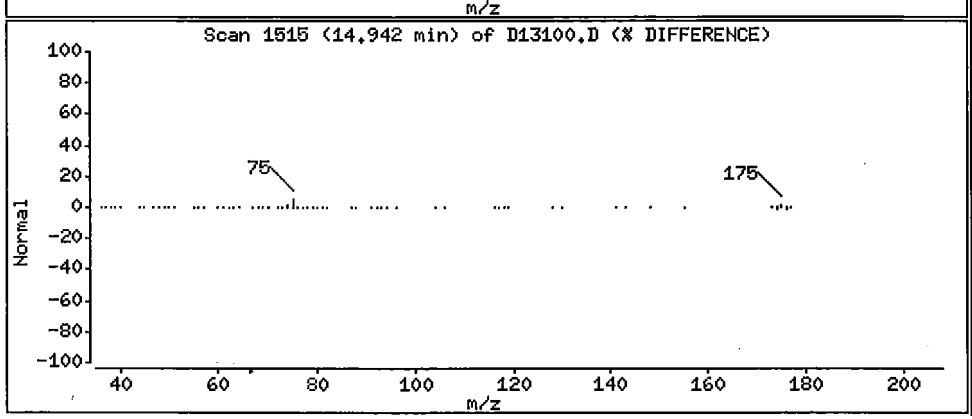
66 4-Bromofluorobenzene-2nd

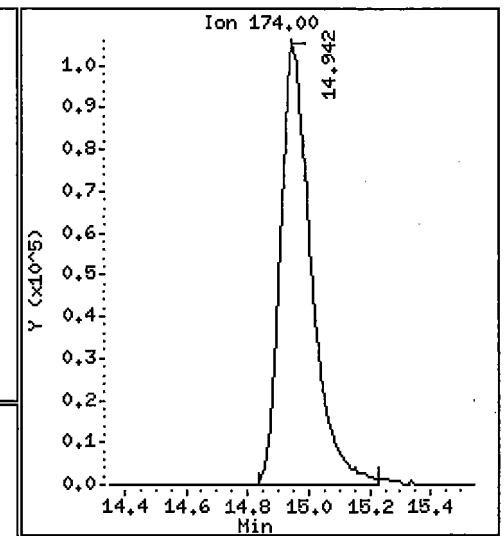
Concentration: 46.09 ug/Kg

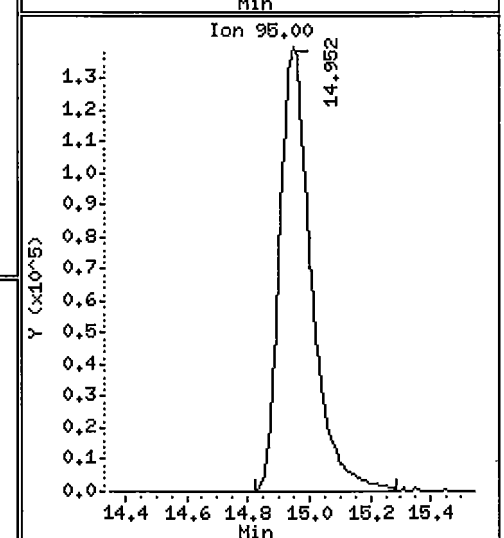


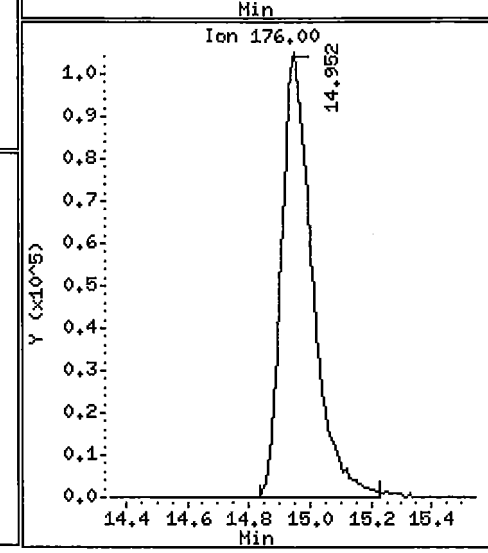












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13100.D

Date : 17-OCT-2000 01:25

Client ID: D13100

Instrument: md.i

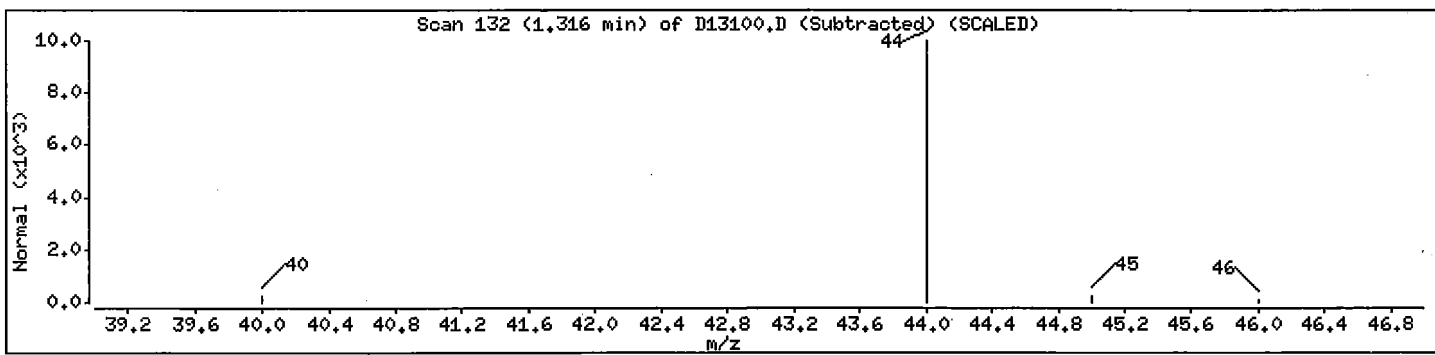
Sample Info: DLJMK101,,2,,0,1,0,8260BDA.M,D13100

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13101.D
Lab Smp Id: DLJML101 Client Smp ID: D13101
Inj Date : 17-OCT-2000 01:57
Operator : AD Inst ID: md.i
Smp Info : DLJML101,,2,,0,1,0,8260BDA.M,D13101
Misc Info : E0J040325-6,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.859	2.868	(0.403)	7234	5.20707	5.21
26 Chloroform (*)	83	5.716	5.706	(0.807)	39044	2.12412	2.12(a)
$ 29 Dibromofluoromethane	111	5.972	5.982	(0.843)	846030	47.3942	47.39
$ 33 1,2-Dichloroethane-d4	65	6.504	6.504	(0.918)	566250	46.9953	47.00
34 1,2-Dichloroethane-d4 2nd	102	6.504	6.514	(0.918)	109037	44.8548	44.85
* 38 Fluorobenzene	96	7.085	7.095	(1.000)	1254995	50.0000	
$ 47 Toluene-d8	98	9.913	9.913	(0.787)	1182745	45.5757	45.58
48 Toluene (*)	91	10.031	10.031	(0.796)	39154	1.42894	1.43(aQ)
* 56 Chlorobenzene-d5	117	12.603	12.593	(1.000)	1121017	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.948	14.947	(0.866)	696945	46.9019	46.90
$ 67 4-Bromofluorobenzene	95	14.938	14.947	(0.865)	919933	46.3843	46.38
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.253	(1.000)	746267	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\1016BD.B\D13101.D
Lab Smp Id: DLJML101 Client Smp ID: D13101
Inj Date : 17-OCT-2000 01:57
Operator : AD Inst ID: md.i
Smp Info : DLJML101,,2,,0,1,0,8260BDA.M,D13101
Misc Info : E0J040325-6,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.085	2972428	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	502202	8.44767047	8.45	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJML101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13101
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

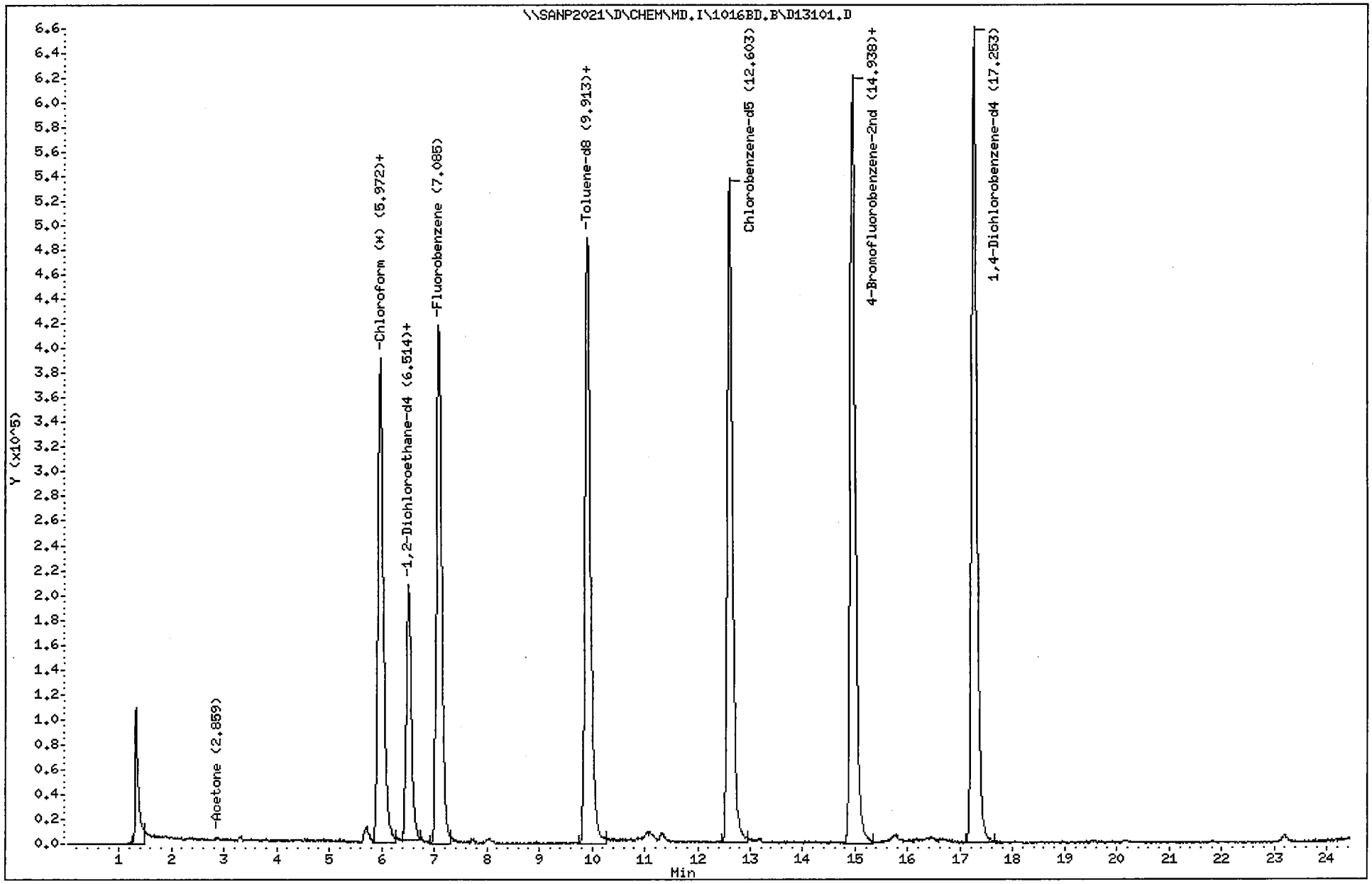
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.322	8.45	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13101.D
Date : 17-OCT-2000 01:57
Client ID: D13101
Sample Info: DLJML101,,2,,0,1,0,8260BDA.M,D13101

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



BOE-C6-0169751

000466

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13101.D

Date : 17-OCT-2000 01:57

Client ID: D13101

Instrument: md.i

Sample Info: DLJML101,,2,,0,1,0,8260BDA.M,D13101

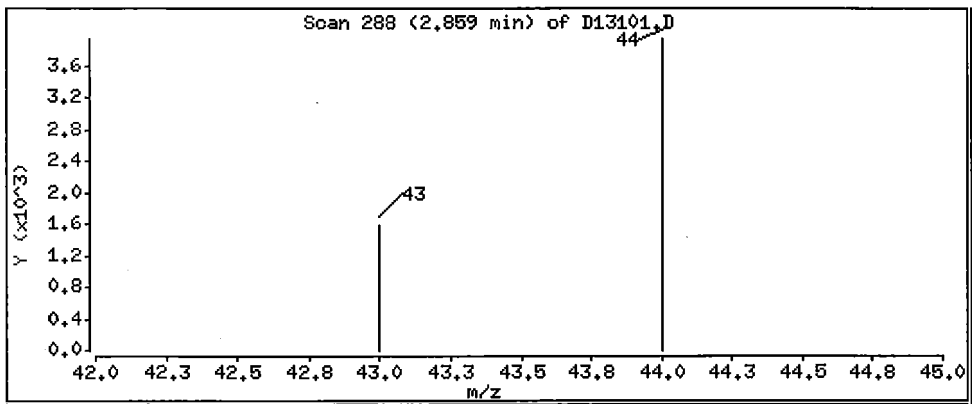
Operator: AD

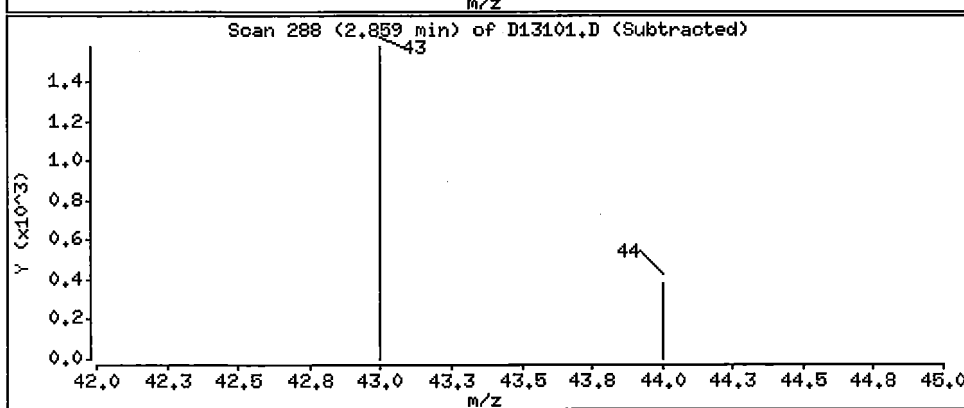
Column phase: J&W DB-624

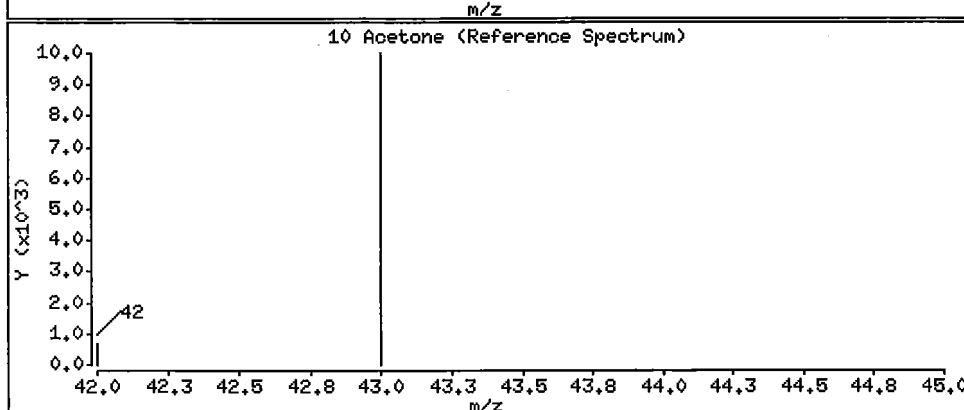
Column diameter: 0.53

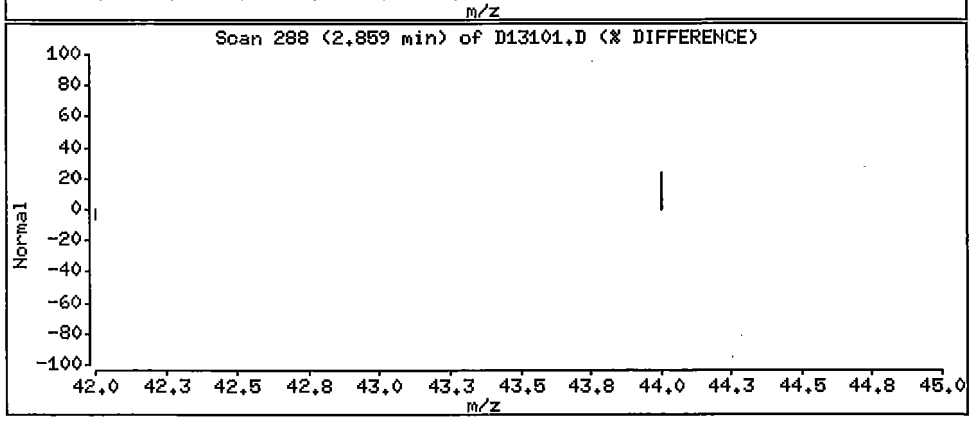
10 Acetone

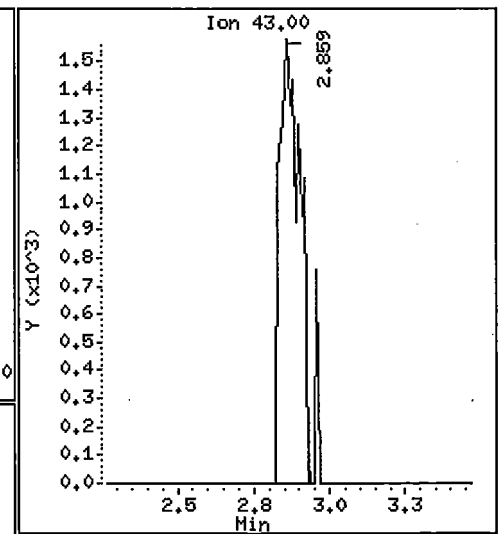
Concentration: 5.21 ug/Kg

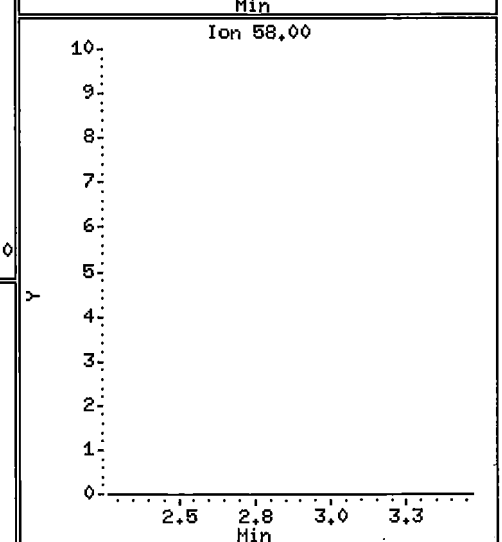












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13101.D

Date : 17-OCT-2000 01:57

Client ID: D13101

Instrument: md.i

Sample Info: DLJML101,,2,,0,1,0,8260BDA.M,D13101

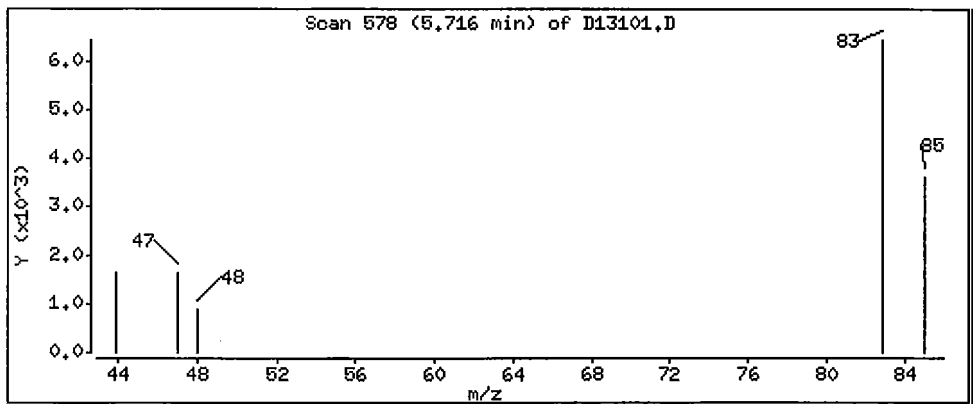
Operator: AD

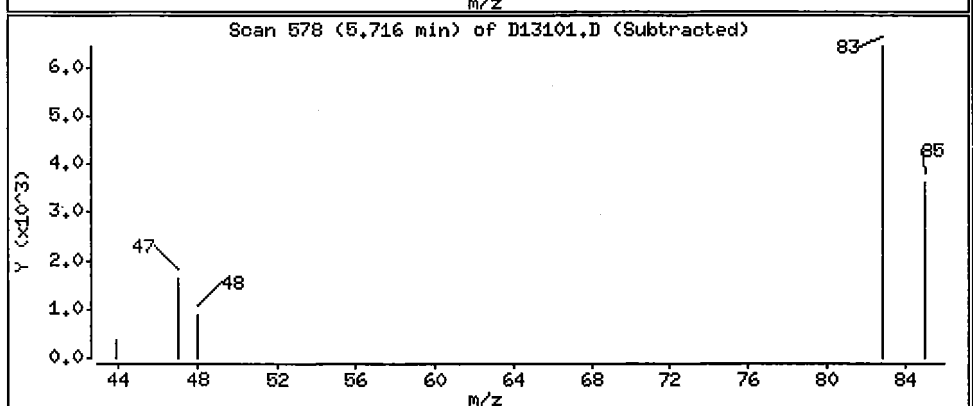
Column phase: J&W DB-624

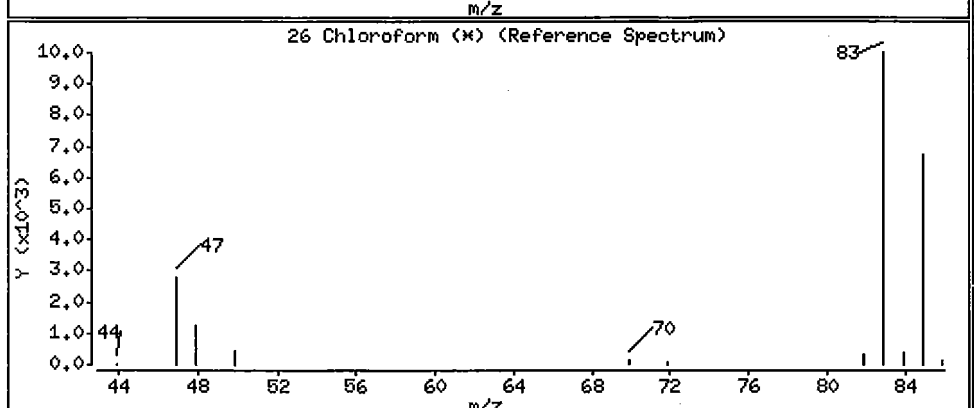
Column diameter: 0.53

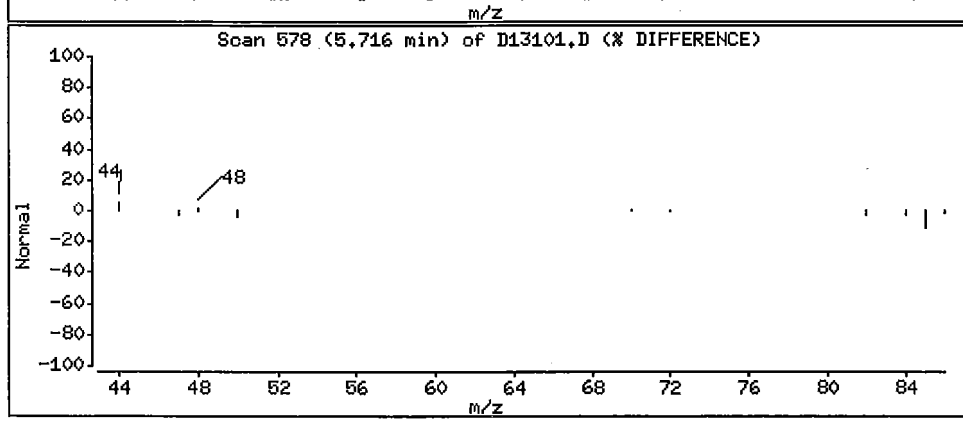
26 Chloroform (*)

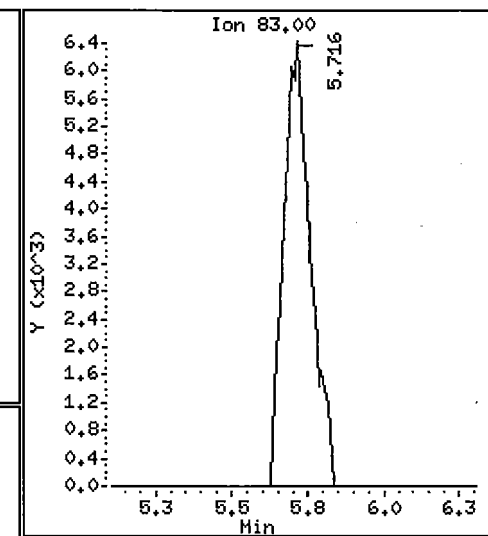
Concentration: 2.12 ug/Kg

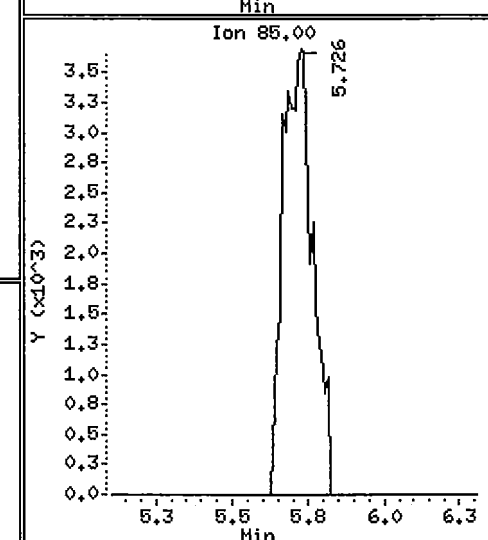


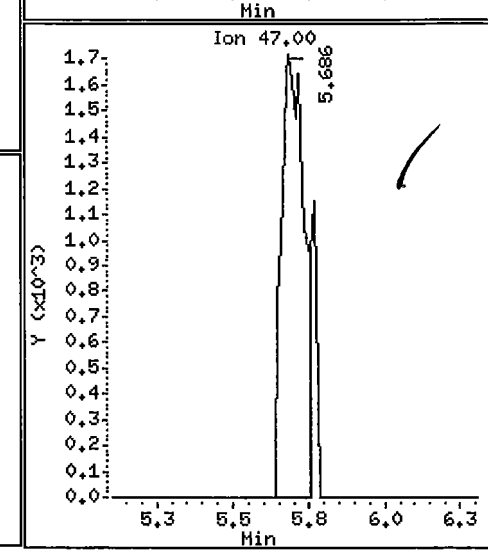












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13101.D

Date : 17-OCT-2000 01:57

Client ID: D13101

Instrument: md.i

Sample Info: DLJML101,,2,,0,1,0,8260BDA.M,D13101

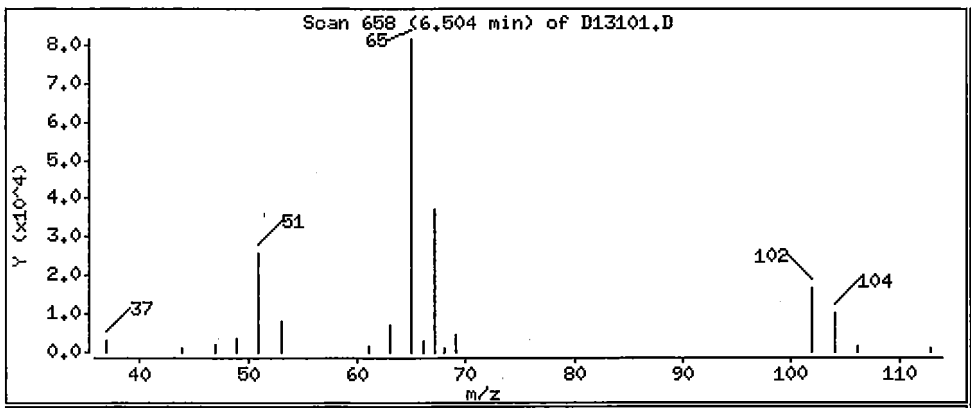
Operator: AD

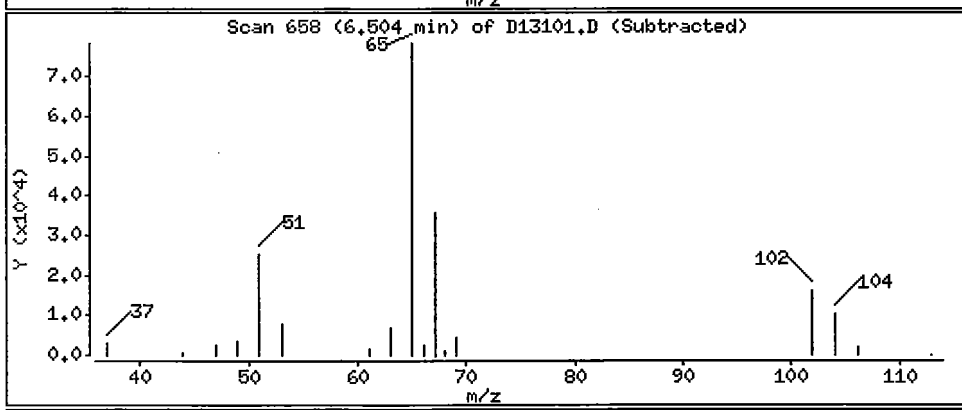
Column phase: J&W DB-624

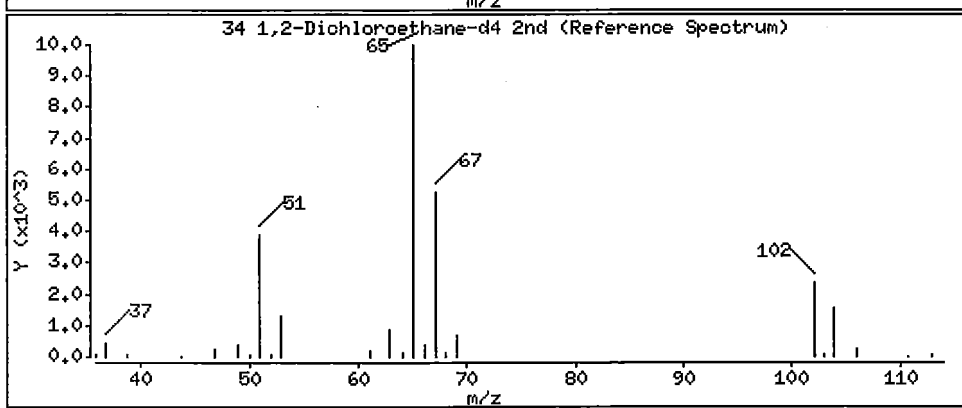
Column diameter: 0.53

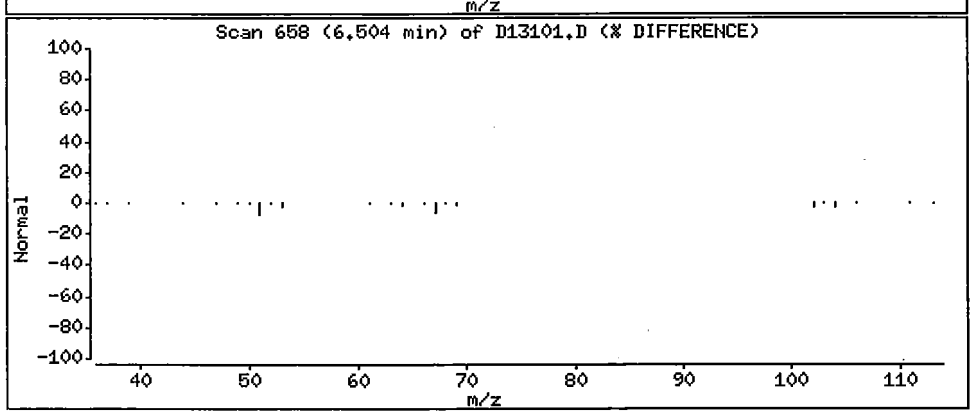
34 1,2-Dichloroethane-d4 2nd

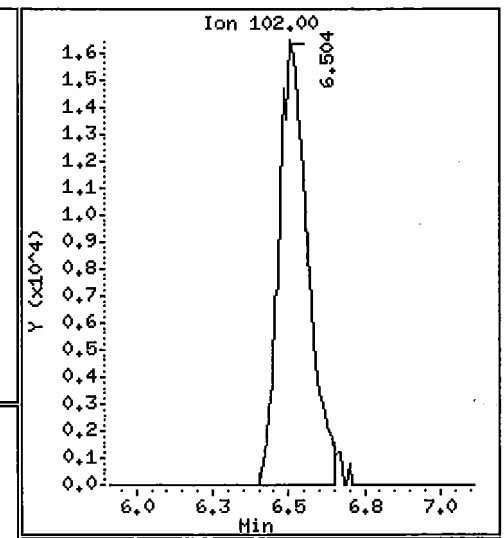
Concentration: 44.85 ug/Kg

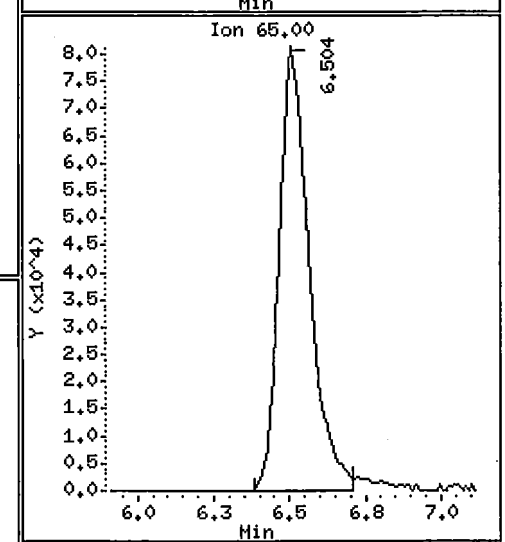












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13101.D

Date : 17-OCT-2000 01:57

Client ID: D13101

Instrument: md.i

Sample Info: DLJML101,,2,,0,1,0,8260BDA.M,D13101

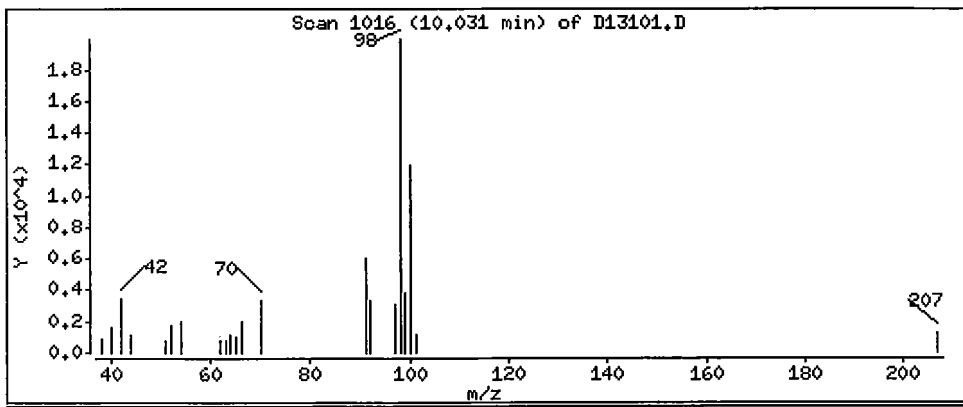
Operator: AD

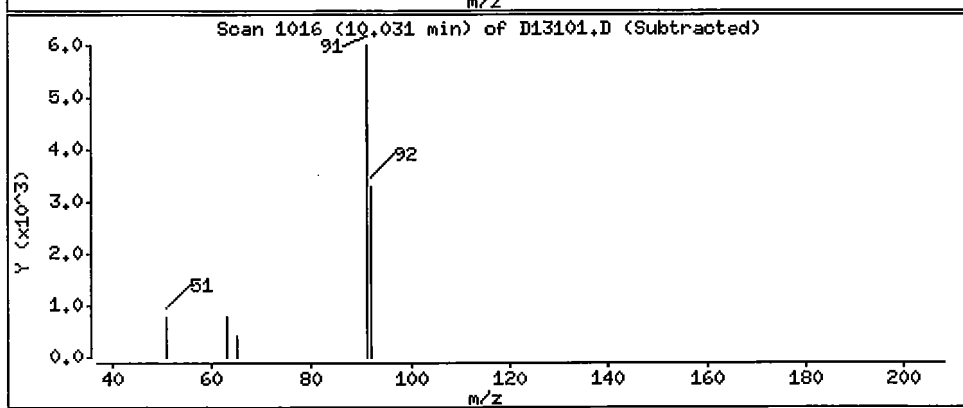
Column phase: J&W DB-624

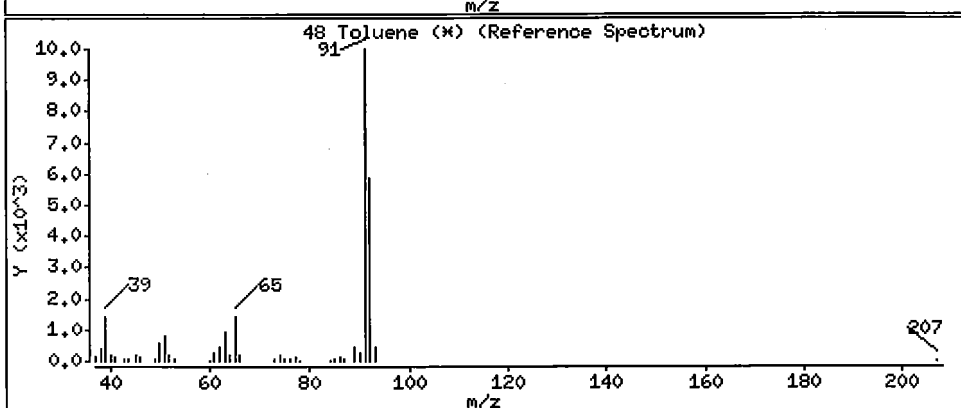
Column diameter: 0.53

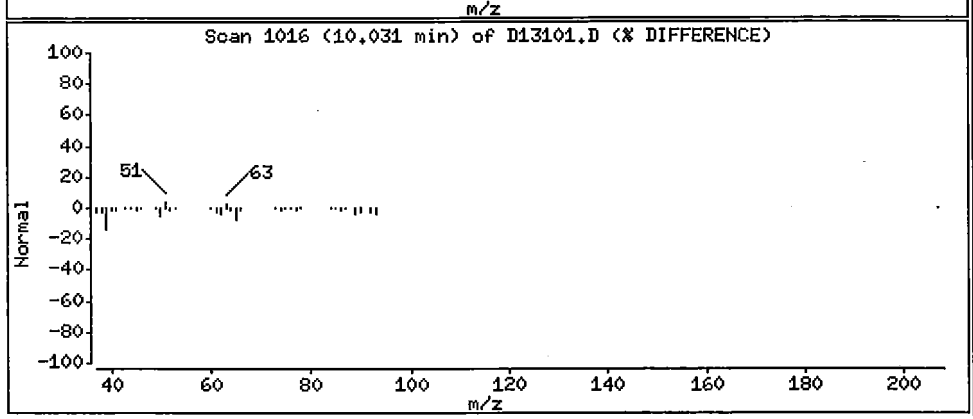
48 Toluene (*)

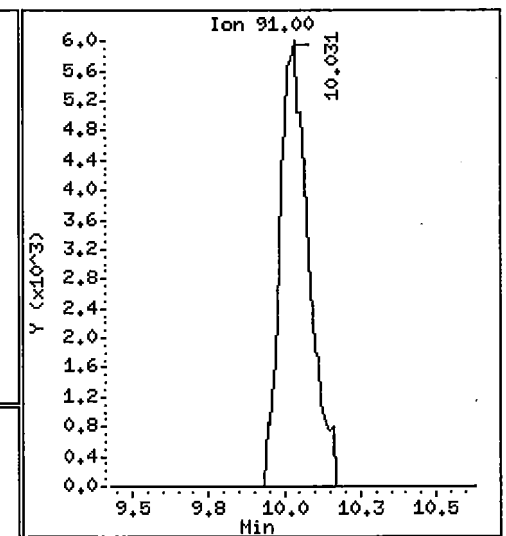
Concentration: 1.43 ug/Kg

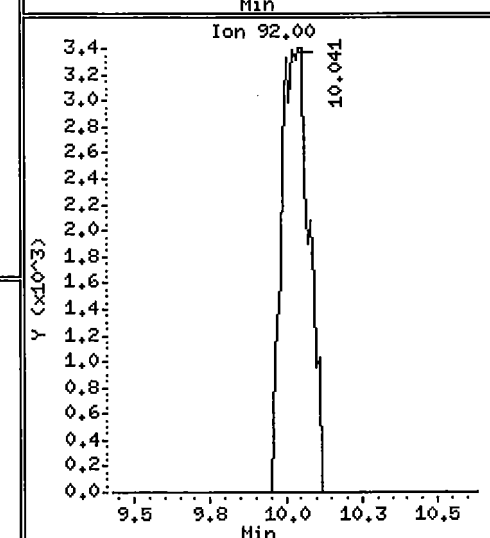


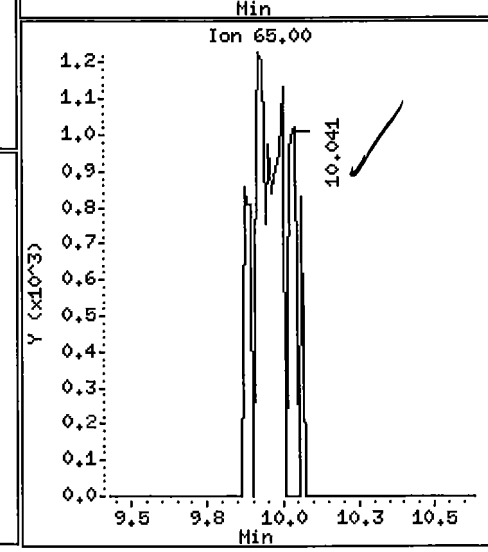












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13101.D

Date : 17-OCT-2000 01:57

Client ID: D13101

Instrument: md.i

Sample Info: DLJML101,,2,,0,1,0,8260BDA,M,D13101

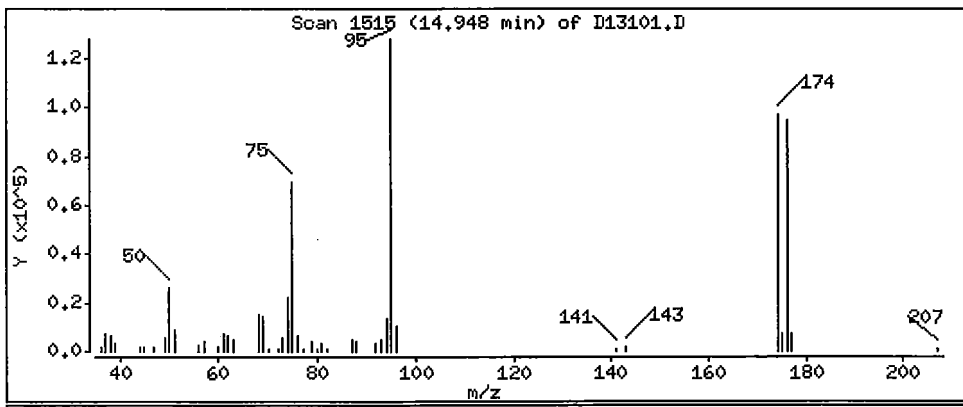
Operator: AD

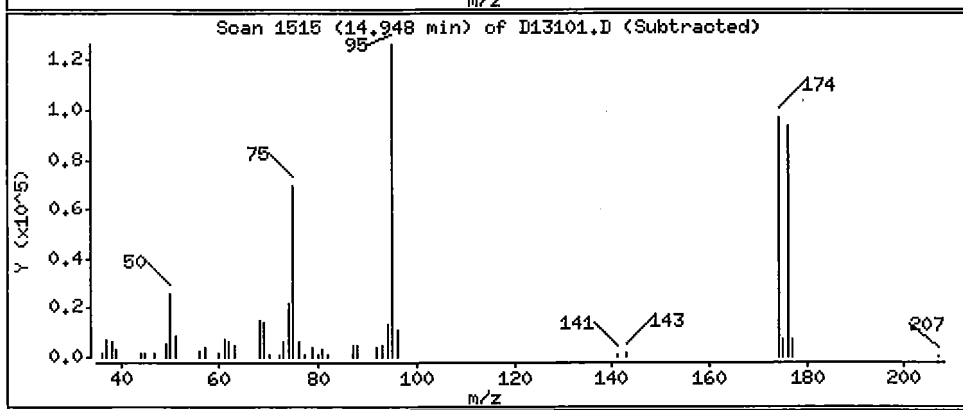
Column phase: J&W DB-624

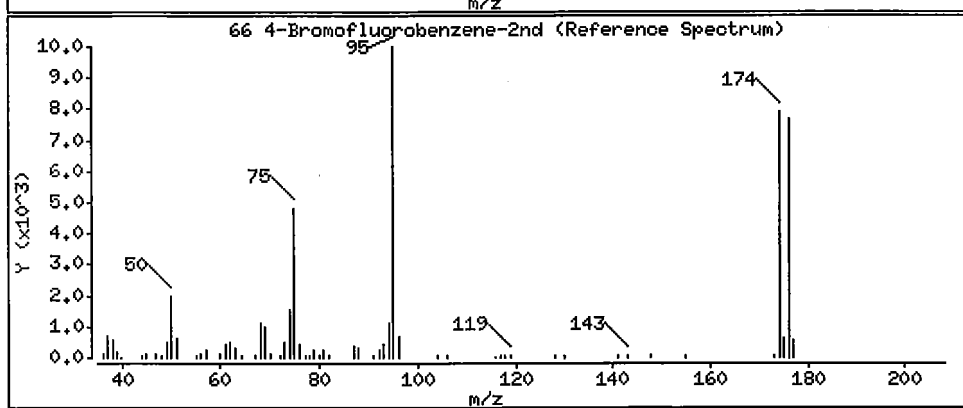
Column diameter: 0.53

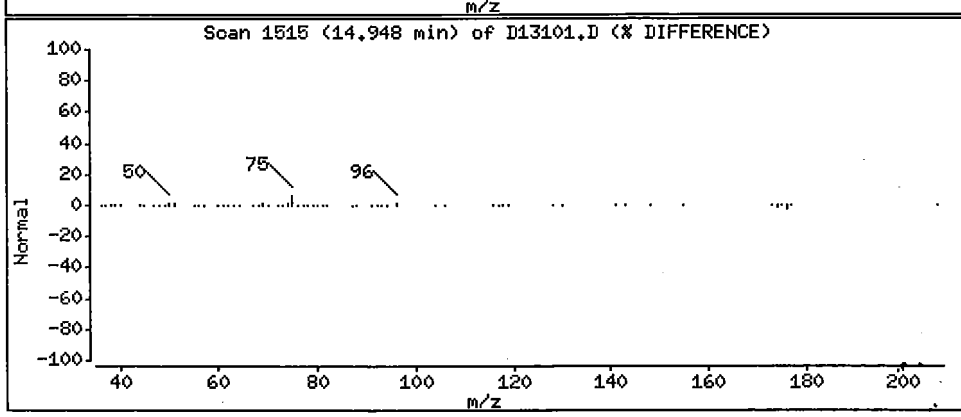
66 4-Bromofluorobenzene-2nd

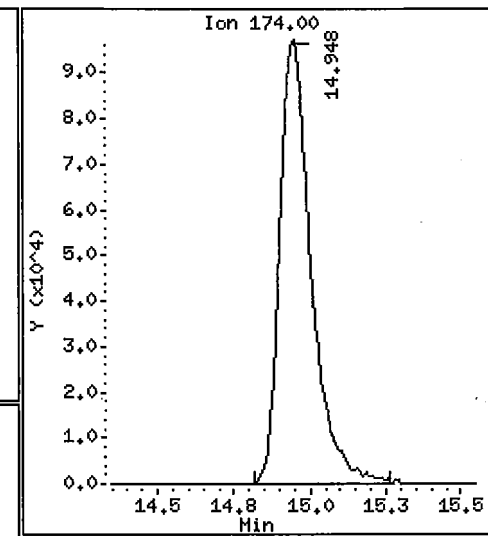
Concentration: 46.90 ug/Kg

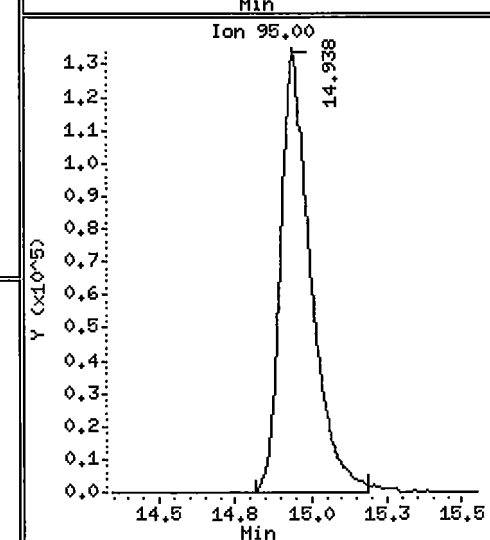


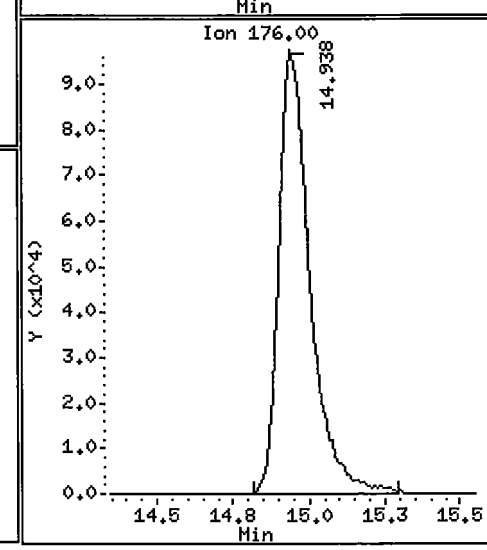












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13101.D

Date : 17-OCT-2000 01:57

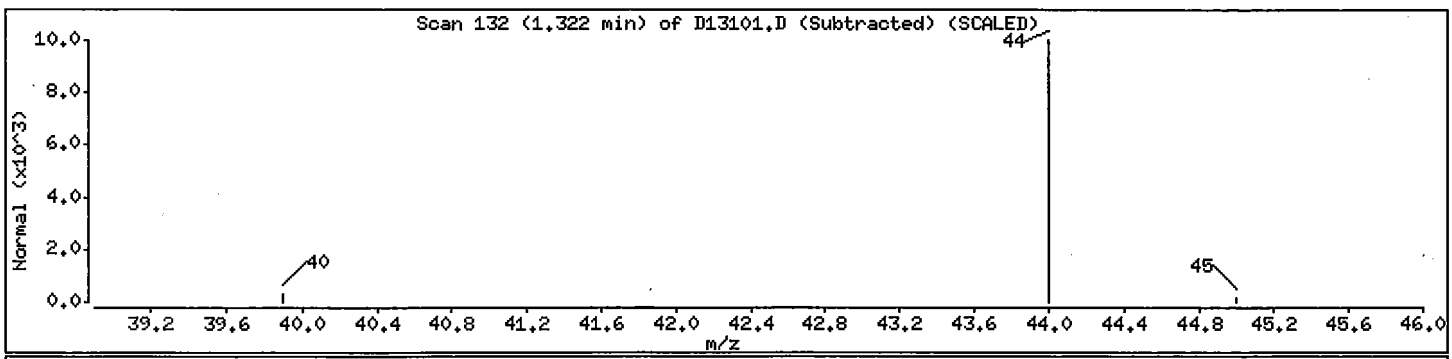
Client ID: D13101 Instrument: md.i

Sample Info: DLJML101,,2,,0,1,0,8260BDA.M,D13101

Operator: AD

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

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13102.D
Lab Smp Id: DLJMM101 Client Smp ID: D13102
Inj Date : 17-OCT-2000 02:29
Operator : AD Inst ID: md.i
Smp Info : DLJMM101,,2,,0,1,0,8260BDA.M,D13102
Misc Info : E0J040325-7,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
26 Chloroform (*)	83	5.705	5.706	(0.805)	60087	3.20044	3.20(a)
$ 29 Dibromofluoromethane	111	5.971	5.982	(0.843)	848822	46.5546	46.55
$ 33 1,2-Dichloroethane-d4	65	6.513	6.504	(0.919)	571886	46.4689	46.47
34 1,2-Dichloroethane-d4 2nd	102	6.513	6.514	(0.919)	110113	44.3486	44.35
36 1,2-Dichloroethane	62	7.074	6.632	(0.999)	21050	1.53674	1.54(aQ)
* 38 Fluorobenzene	96	7.084	7.095	(1.000)	1281844	50.0000	
$ 47 Toluene-d8	98	9.912	9.913	(0.787)	1209126	45.7982	45.80
48 Toluene (*)	91	10.040	10.031	(0.797)	36630	1.31403	1.31(a)
* 56 Chlorobenzene-d5	117	12.601	12.593	(1.000)	1140454	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.946	14.947	(0.866)	719915	47.3521	47.35
$ 67 4-Bromofluorobenzene	95	14.946	14.947	(0.866)	964810	47.5469	47.55
* 79 1,4-Dichlorobenzene-d4	152	17.252	17.253	(1.000)	763534	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\1016BD.B\D13102.D
Lab Smp Id: DLJMM101 Client Smp ID: D13102
Inj Date : 17-OCT-2000 02:29
Operator : AD Inst ID: md.i
Smp Info : DLJMM101,,2,,0,1,0,8260BDA.M,D13102
Misc Info : E0J040325-7,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.084	2994852	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	485009	8.09737526	8.10	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMM101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13102
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 M	1.321	8.10	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13102.D

Date : 17-OCT-2000 02:29

Client ID: D13102

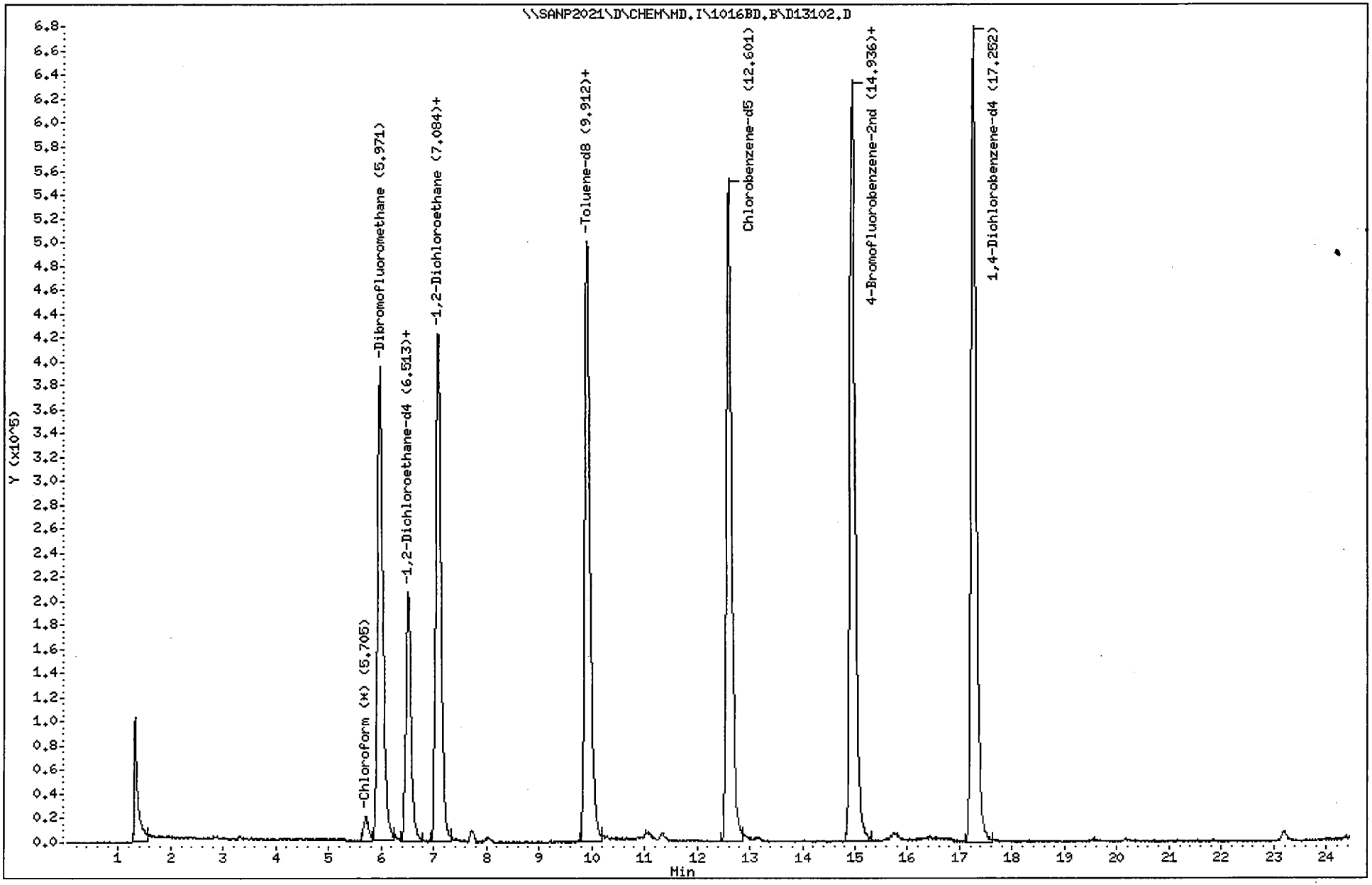
Sample Info: DLJMM101,,2,,0,1,0,8260BDA.M,D13102

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



BOE-C6-0169762

000477

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13102.D

Date : 17-OCT-2000 02:29

Client ID: D13102

Instrument: md.i

Sample Info: DLJMM101,,2,,0,1,0,8260BDA.M,D13102

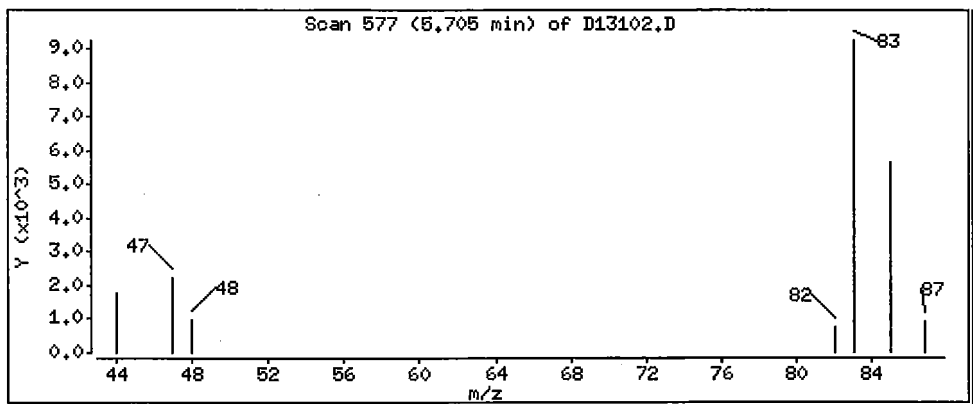
Operator: AD

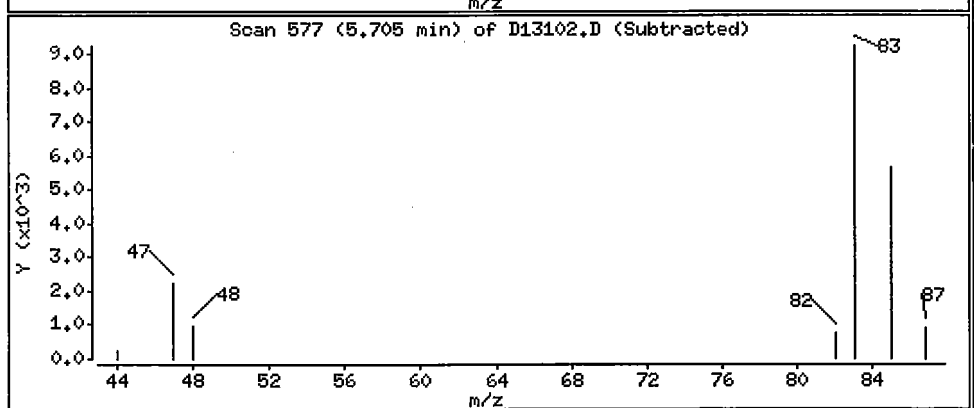
Column phase: J&W DB-624

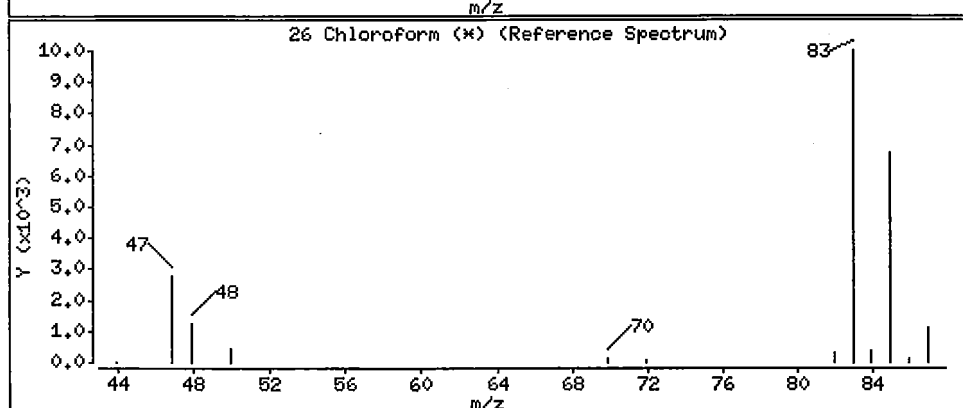
Column diameter: 0.53

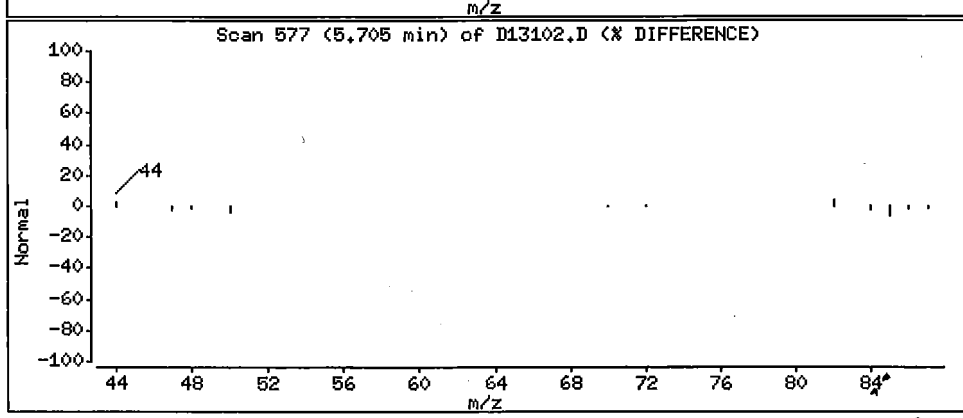
26 Chloroform (*)

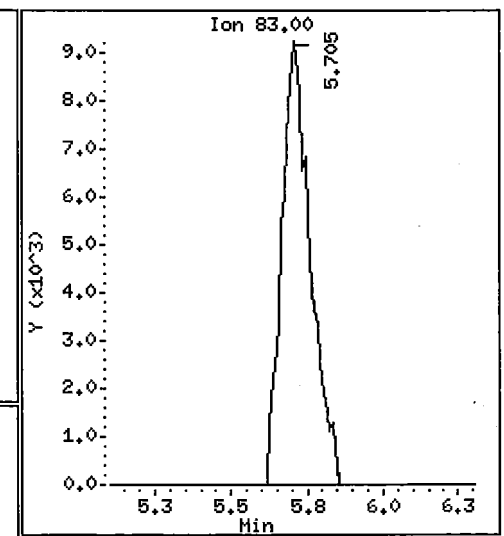
Concentration: 3.20 ug/Kg

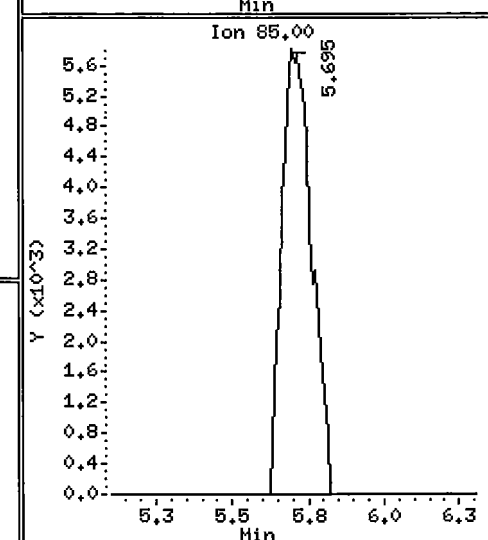


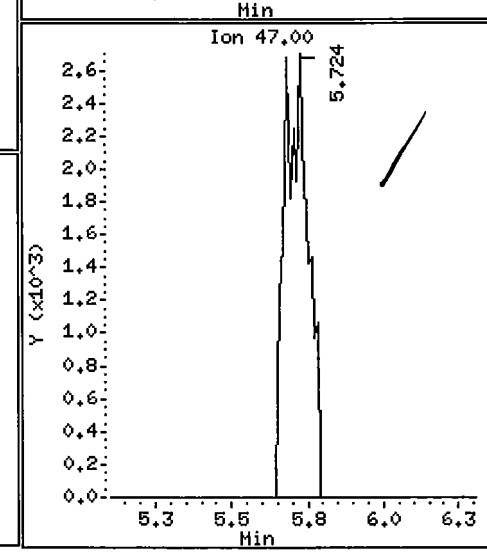












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13102.D

Date : 17-OCT-2000 02:29

Client ID: D13102

Instrument: md.i

Sample Info: DLJMM101,,2,,0,1,0,8260BDA.M,D13102

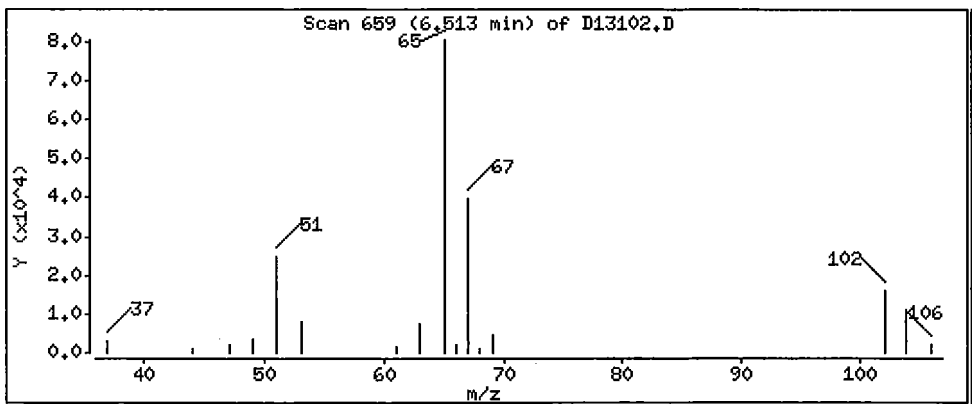
Operator: AD

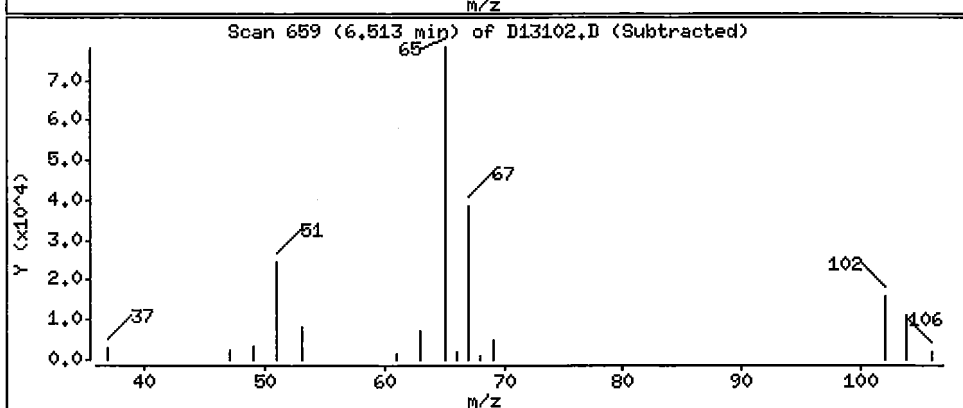
Column phase: J&W DB-624

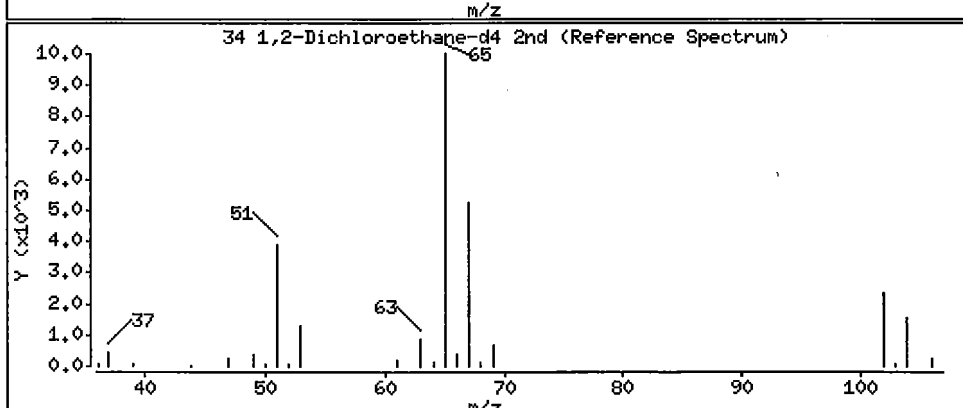
Column diameter: 0.53

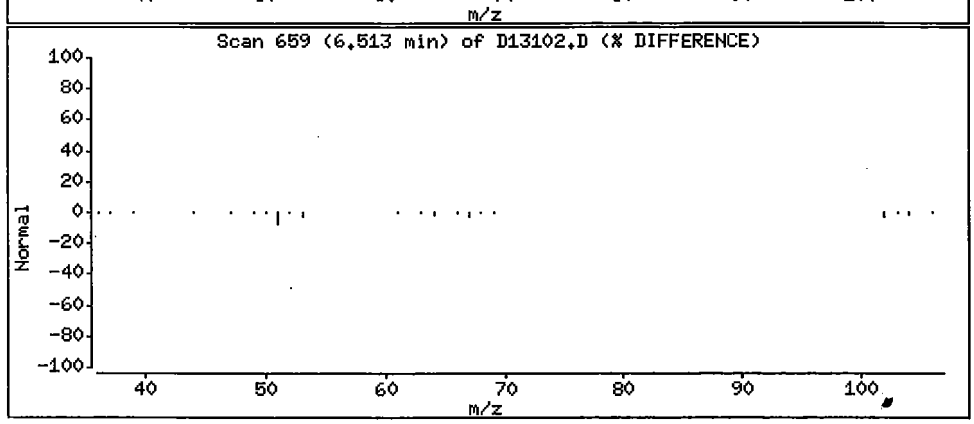
34 1,2-Dichloroethane-d4 2nd

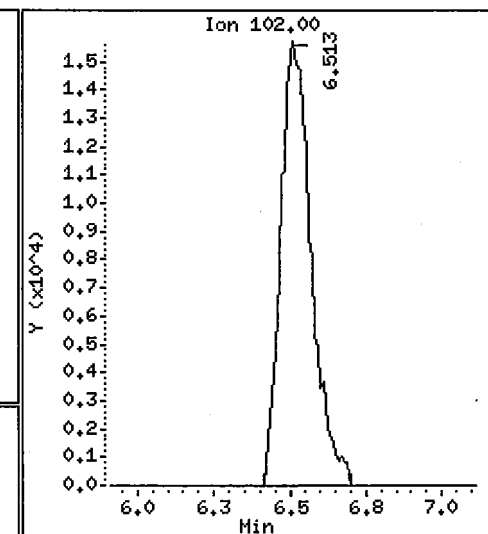
Concentration: 44.35 ug/Kg

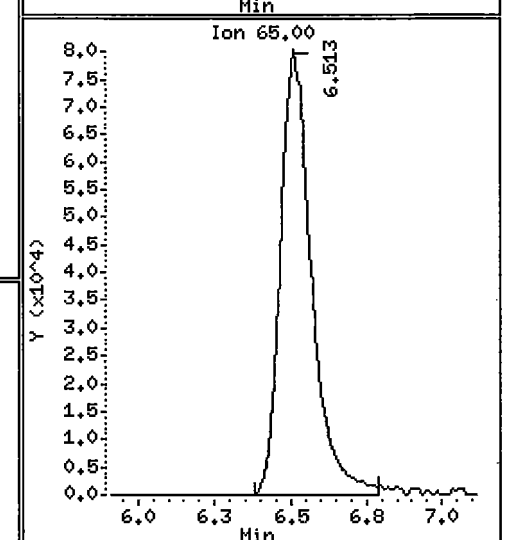












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13102.D

Date : 17-OCT-2000 02:29

Client ID: D13102

Instrument: md.i

Sample Info: DLJMM101,,2,,0,1,0,8260BDA.M,D13102

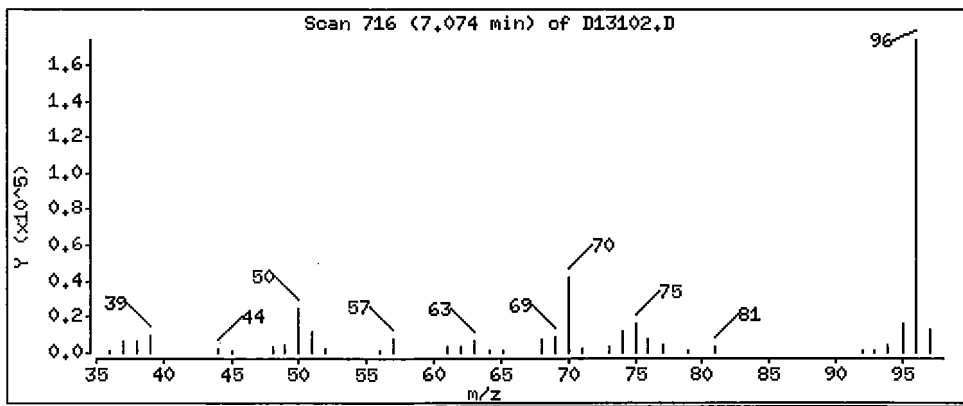
Operator: AD

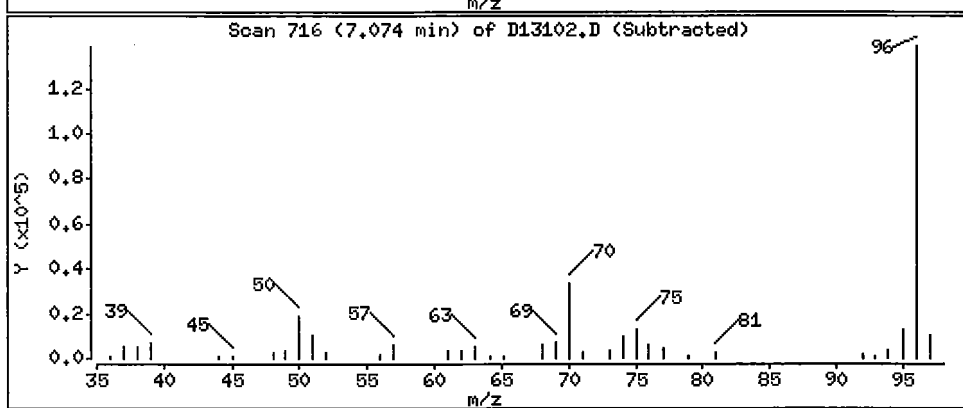
Column phase: J&W DB-624

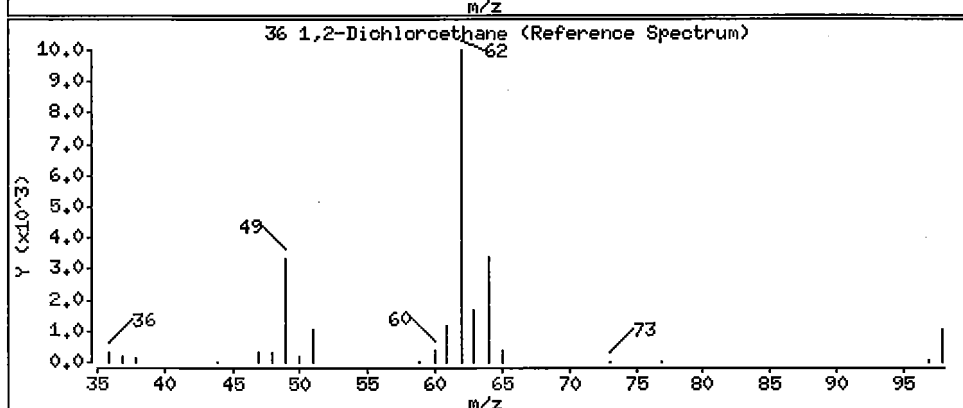
Column diameter: 0.53

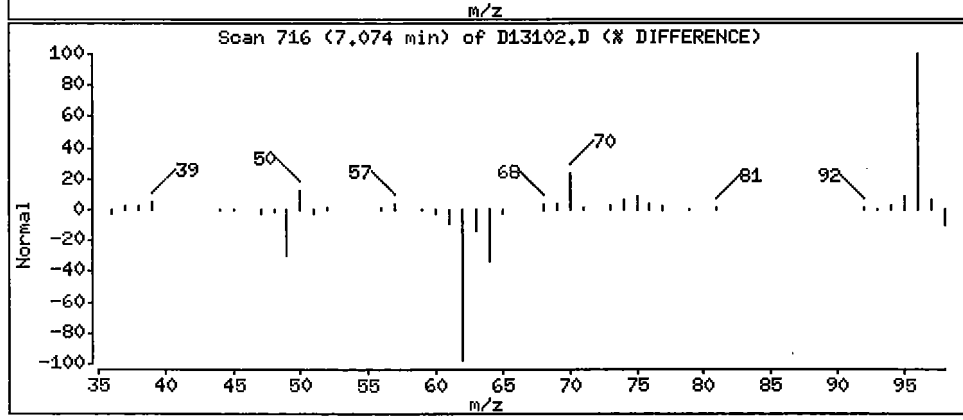
36 1,2-Dichloroethane

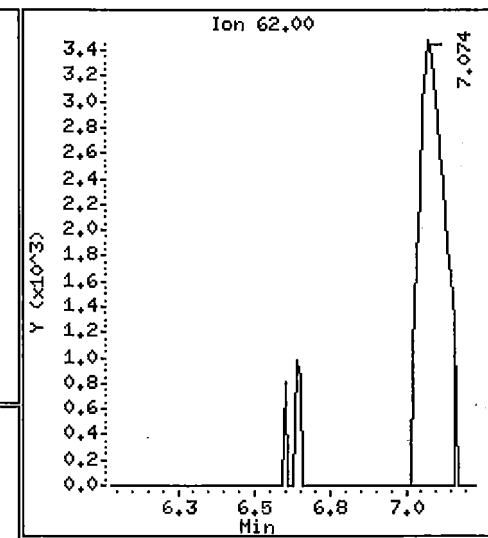
Concentration: 1.54 ug/Kg

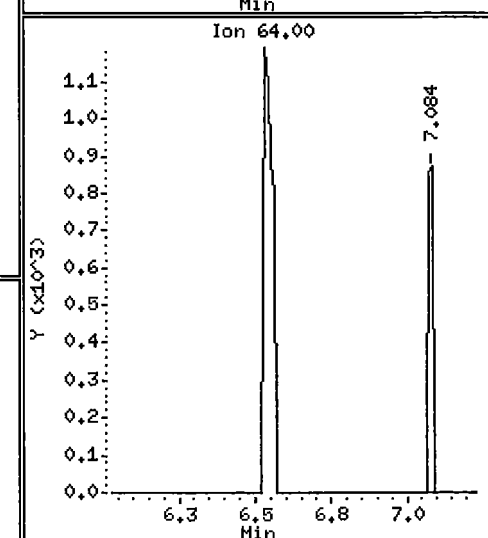


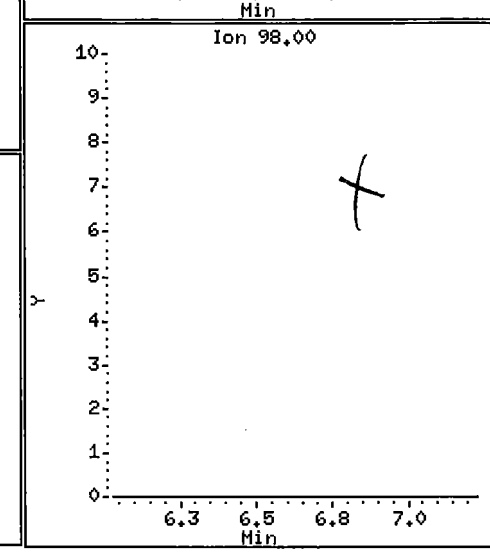












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13102.D

Date : 17-OCT-2000 02:29

Client ID: D13102

Instrument: md.i

Sample Info: DLJHM101,,2,,0,1,0,8260BDA.M,D13102

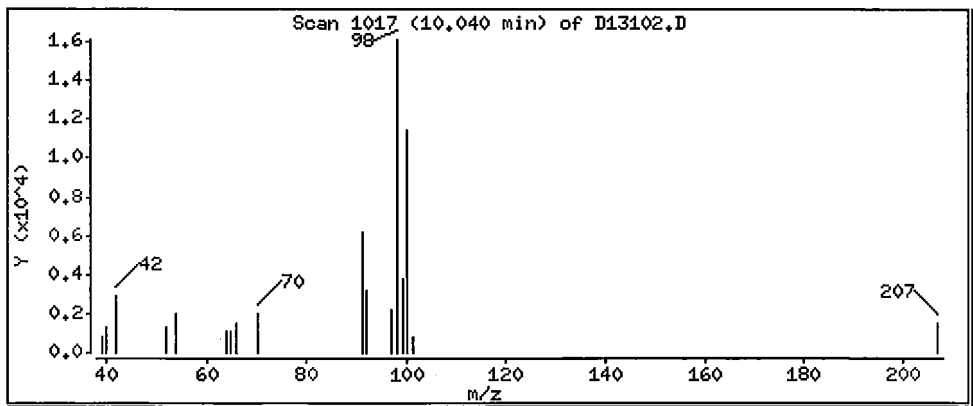
Operator: AD

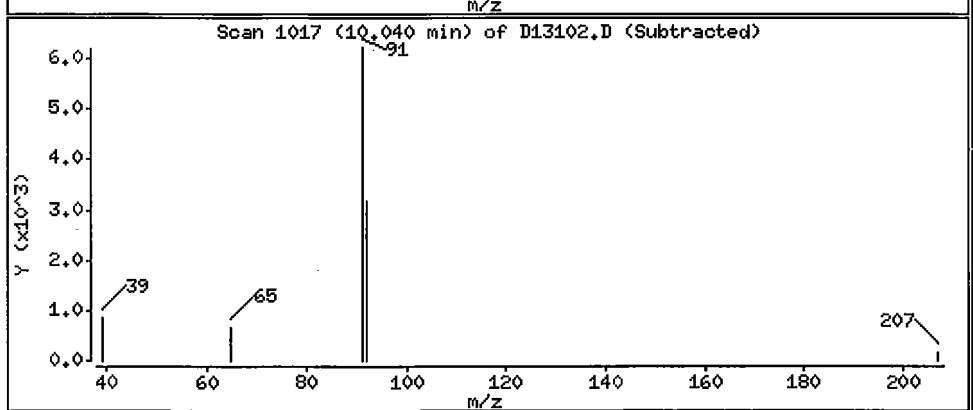
Column phase: J&W DB-624

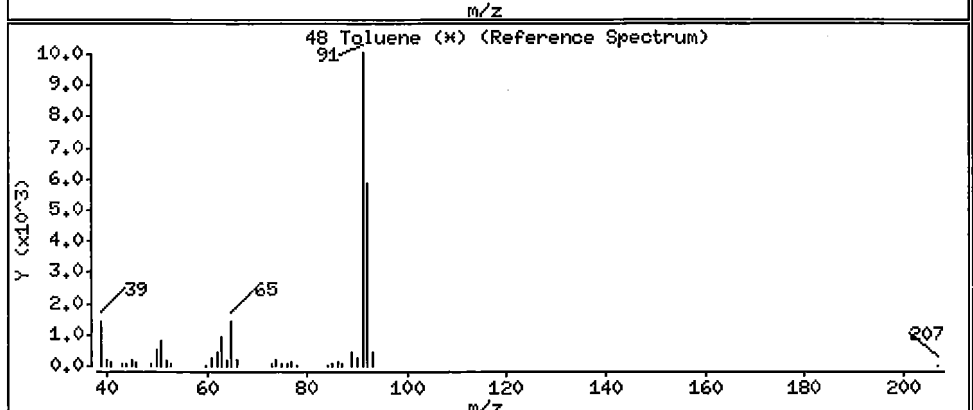
Column diameter: 0.53

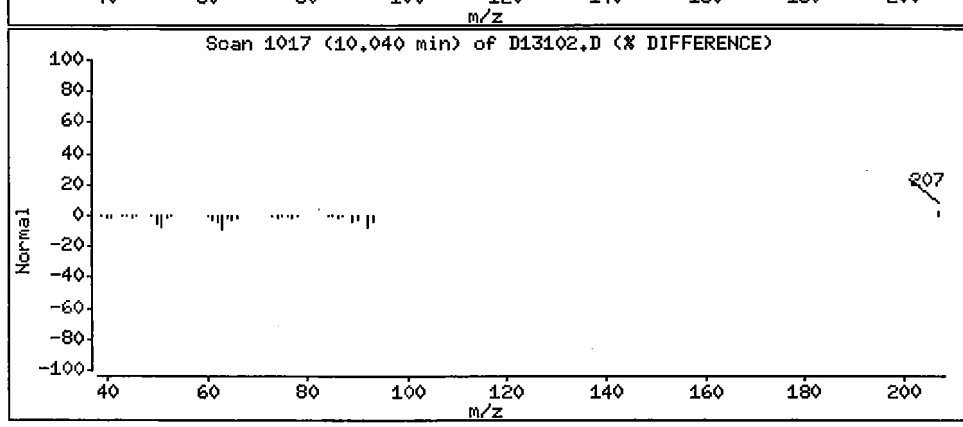
48 Toluene (*)

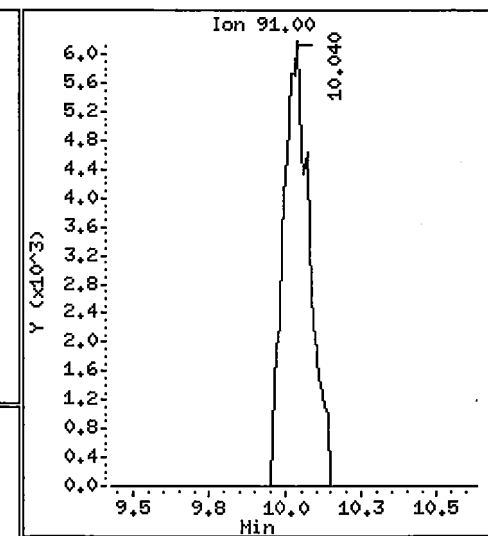
Concentration: 1.31 ug/Kg

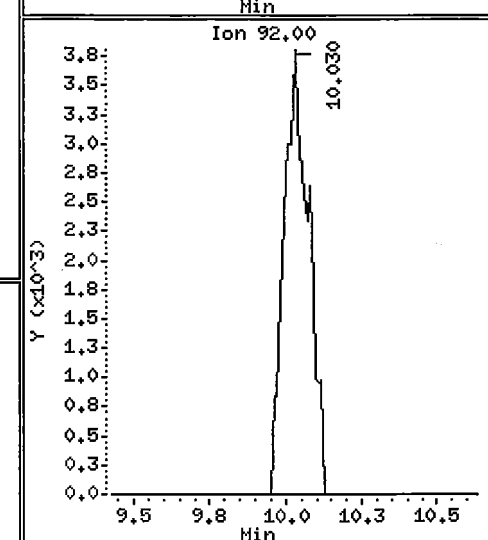


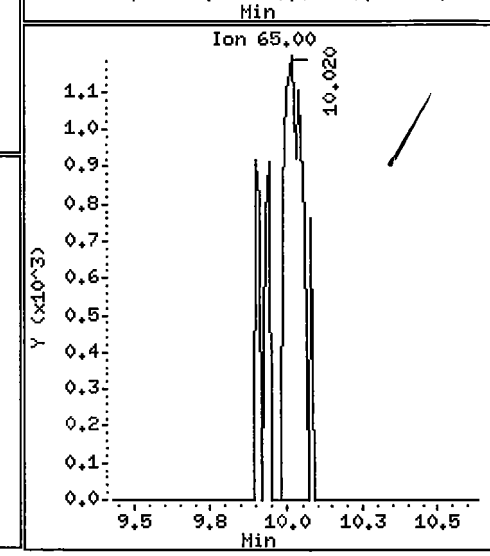












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13102.D

Date : 17-OCT-2000 02:29

Client ID: D13102

Instrument: md.i

Sample Info: DLJMM101,,2,,0,1,0,8260BDA.M,D13102

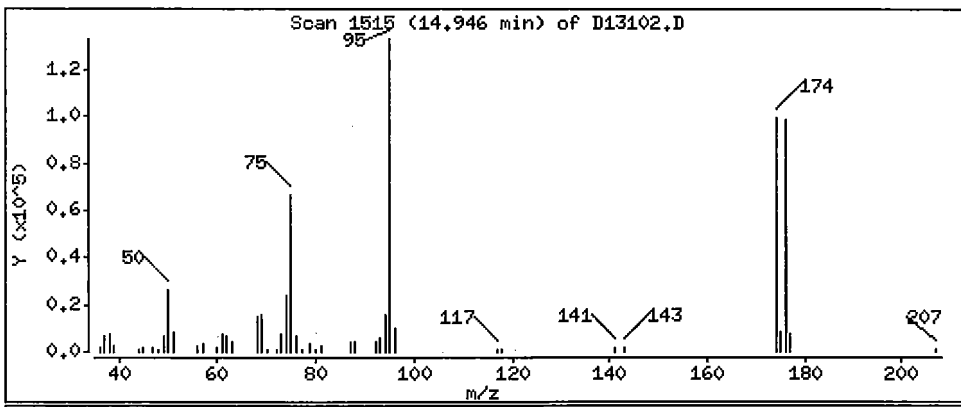
Operator: AD

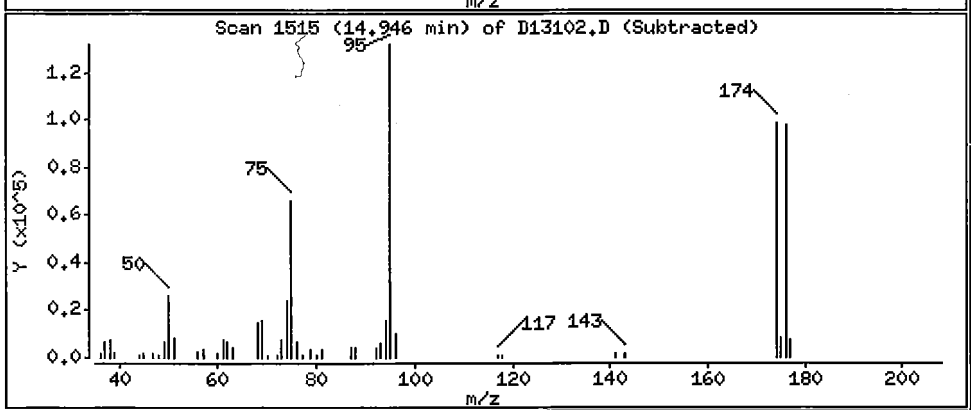
Column phase: J&W DB-624

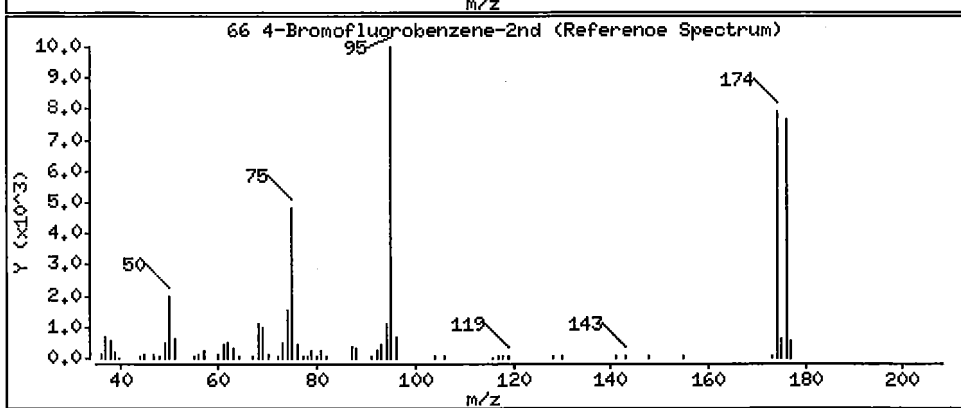
Column diameter: 0.53

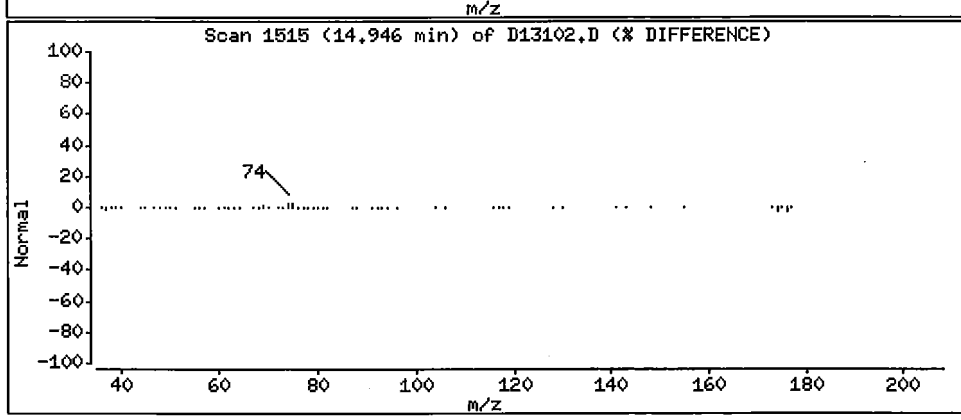
66 4-Bromofluorobenzene-2nd

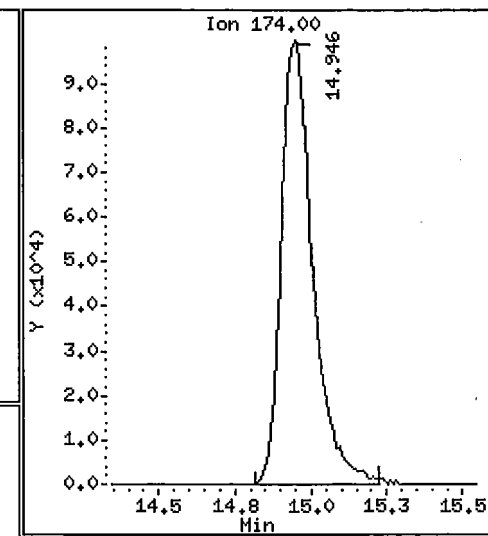
Concentration: 47.35 ug/Kg

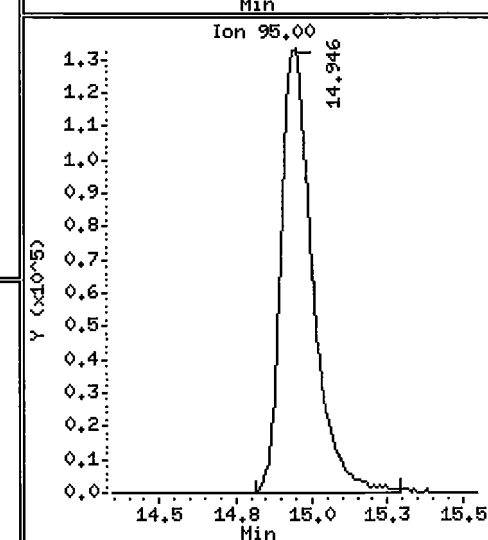


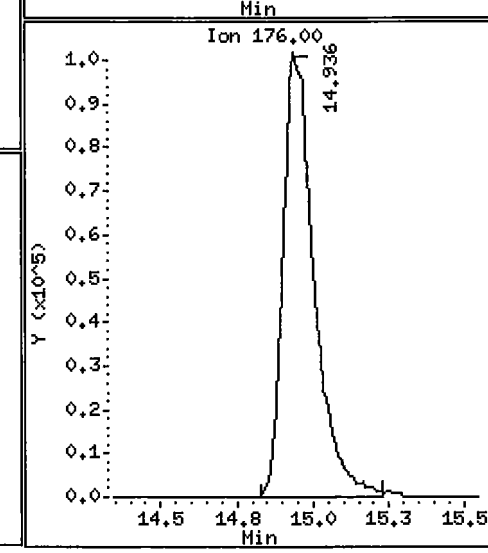












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13102.D

Date : 17-OCT-2000 02:29

Client ID: D13102

Instrument: md.i

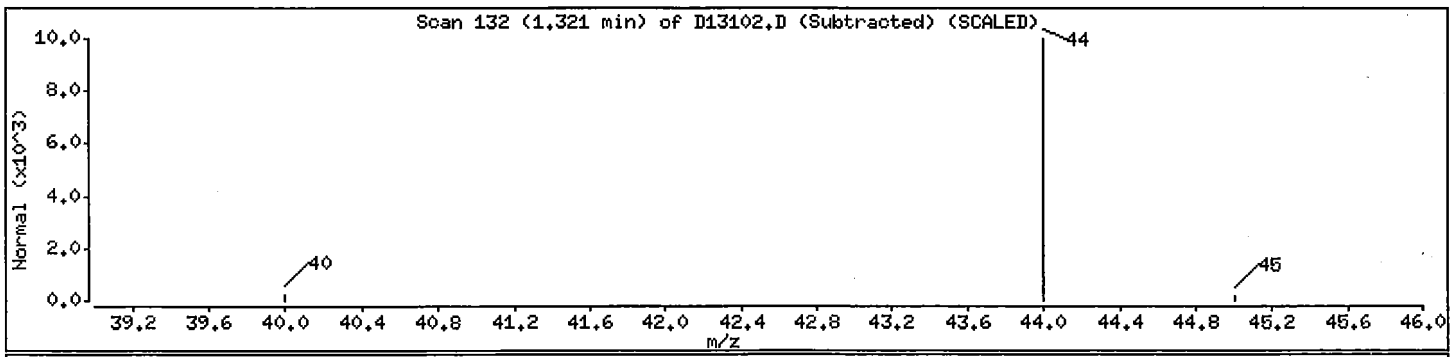
Sample Info: DLJMM101,,2,,0,1,0,8260BDA.M,D13102

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



02

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13103.D
Lab Smp Id: DLJMN101 Client Smp ID: D13103
Inj Date : 17-OCT-2000 03:01
Operator : AD Inst ID: md.i
Smp Info : DLJMN101,,2,,0,1,0,8260BDA.M,D13103
Misc Info : E0J040325-8,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.968	5.982	(0.843)	834426	45.1774	45.18
$ 33 1,2-Dichloroethane-d4	65	6.510	6.504	(0.919)	586558	47.0491	47.05
34 1,2-Dichloroethane-d4 2nd	102	6.510	6.514	(0.919)	111727	44.4210	44.42
* 38 Fluorobenzene	96	7.082	7.095	(1.000)	1298518	50.0000	
$ 47 Toluene-d8	98	9.909	9.913	(0.786)	1223007	44.7860	44.79
* 56 Chlorobenzene-d5	117	12.609	12.593	(1.000)	1179617	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.944	14.947	(0.866)	768907	46.0822	46.08
$ 67 4-Bromofluorobenzene	95	14.944	14.947	(0.866)	1022091	45.8957	45.90
* 79 1,4-Dichlorobenzene-d4	152	17.249	17.253	(1.000)	837967	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\1016BD.B\D13103.D
Lab Smp Id: DLJMN101 Client Smp ID: D13103
Inj Date : 17-OCT-2000 03:01
Operator : AD Inst ID: md.i
Smp Info : DLJMN101,,2,,0,1,0,8260BDA.M,D13103
Misc Info : E0J040325-8,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.082	3050652	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	479695	7.86217610	7.86	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMN101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13103
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

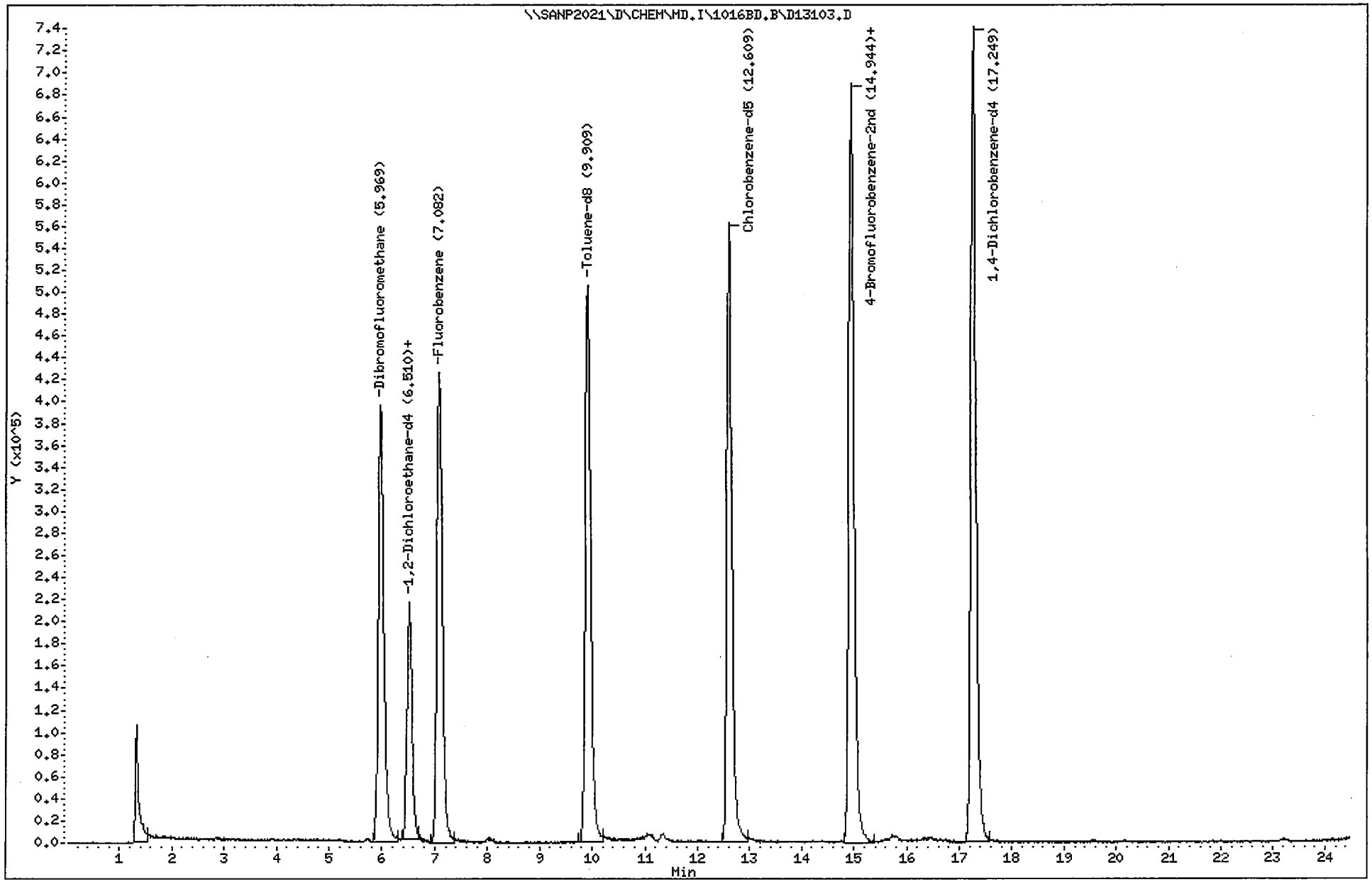
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ [illegible]	1.318	7.86	_J__

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13103.D
Date : 17-OCT-2000 03:01
Client ID: D13103
Sample Info: DLJMN101,,2,,0,1,0,8260BDA.M,D13103

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000487

BOE-C6-0169772

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13103.D

Date : 17-OCT-2000 03:01

Client ID: D13103

Instrument: md.i

Sample Info: DLJMN101,,2,,0,1,0,8260BDA.M,D13103

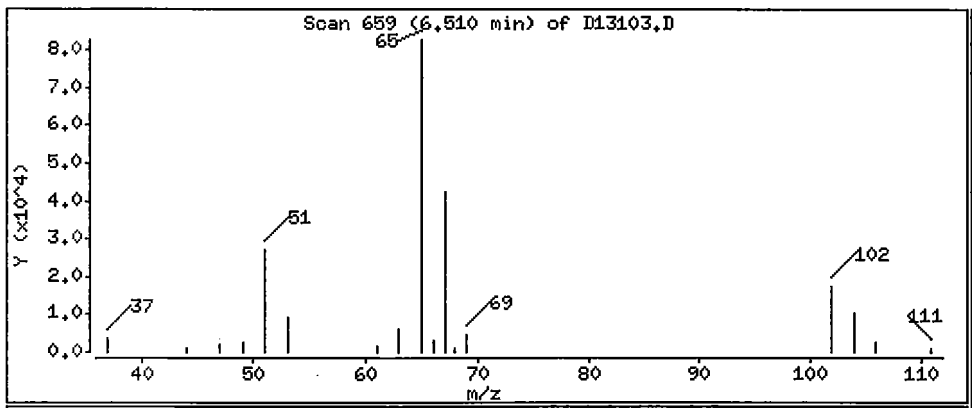
Operator: AD

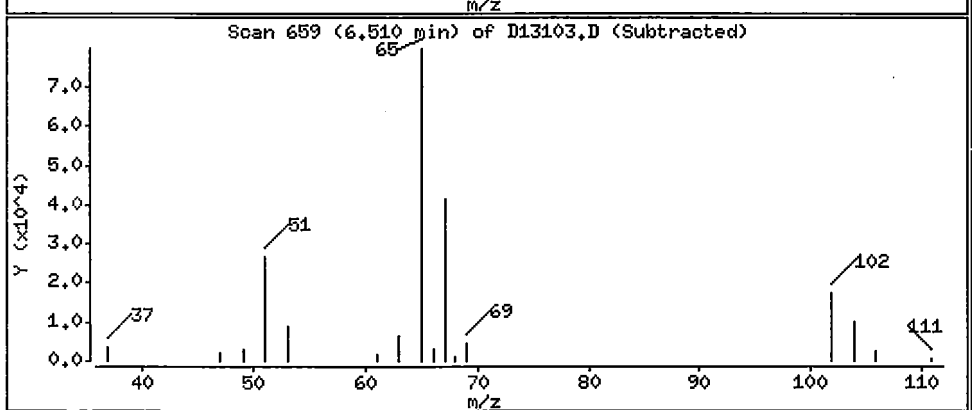
Column phase: J&W DB-624

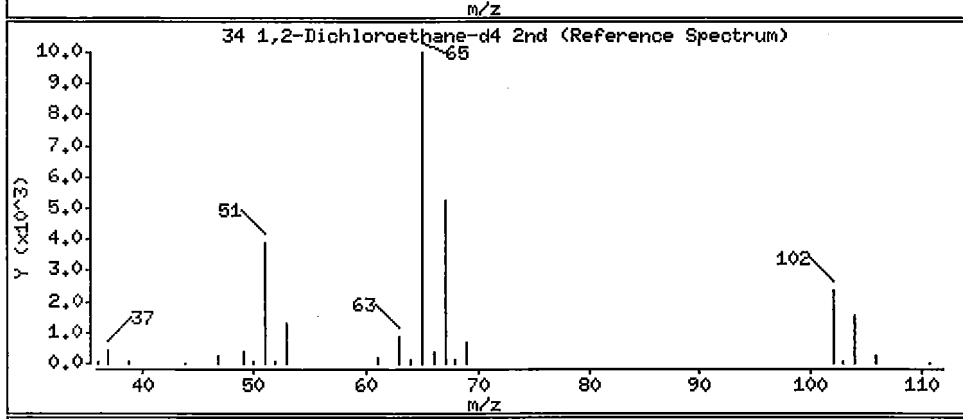
Column diameter: 0.53

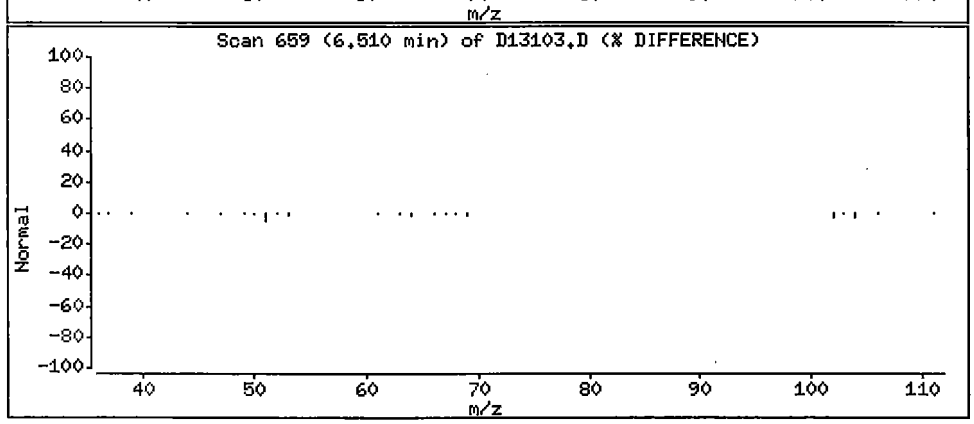
34 1,2-Dichloroethane-d4 2nd

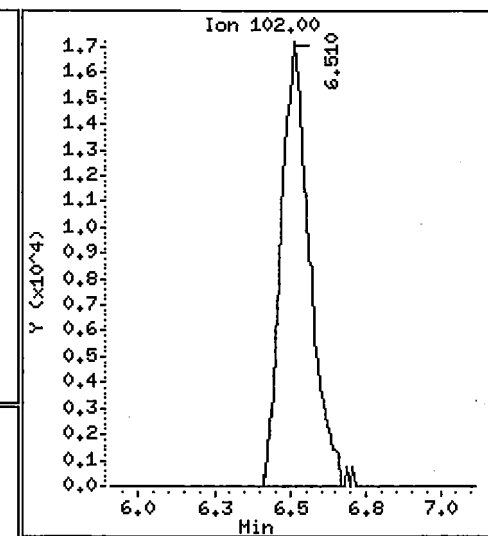
Concentration: 44.42 ug/Kg

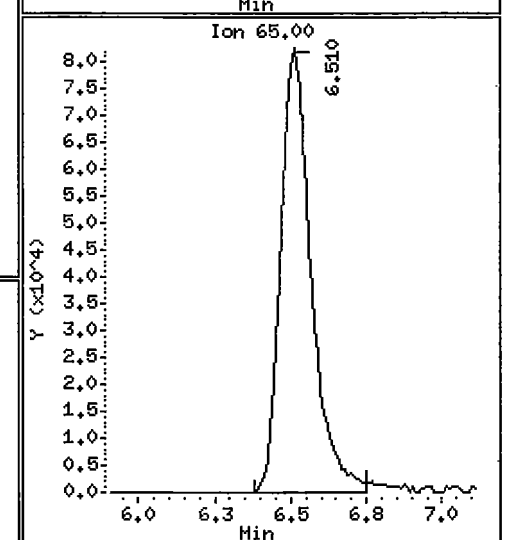












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13103.D

Date : 17-OCT-2000 03:01

Client ID: D13103

Instrument: md.i

Sample Info: DLJMN101,,2,,0,1,0,8260BDA.M,D13103

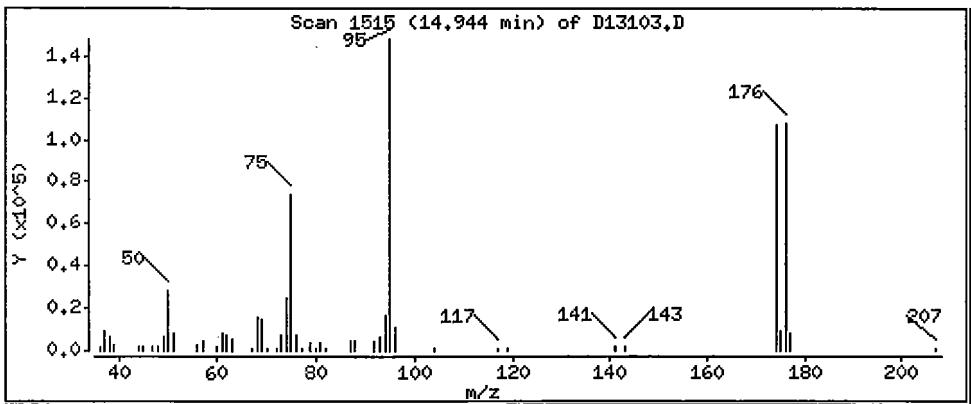
Operator: AD

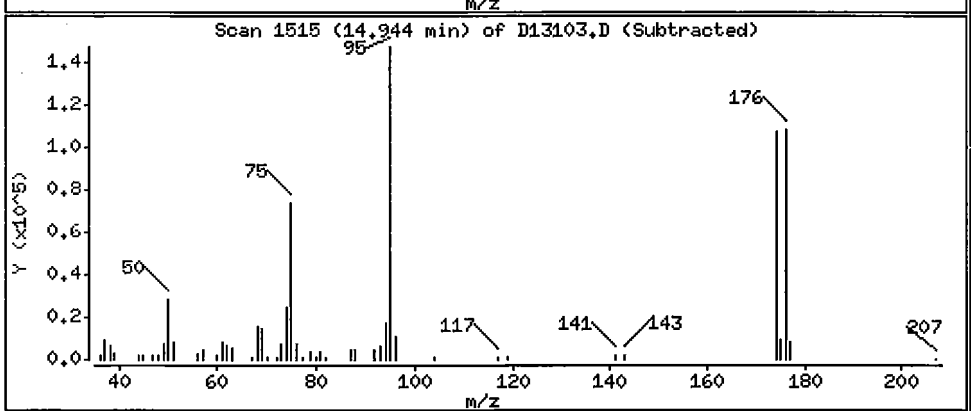
Column phase: J&W DB-624

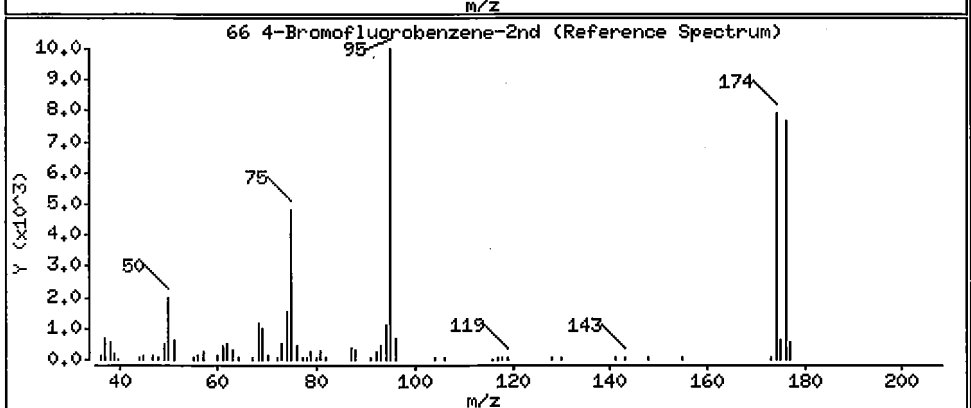
Column diameter: 0.53

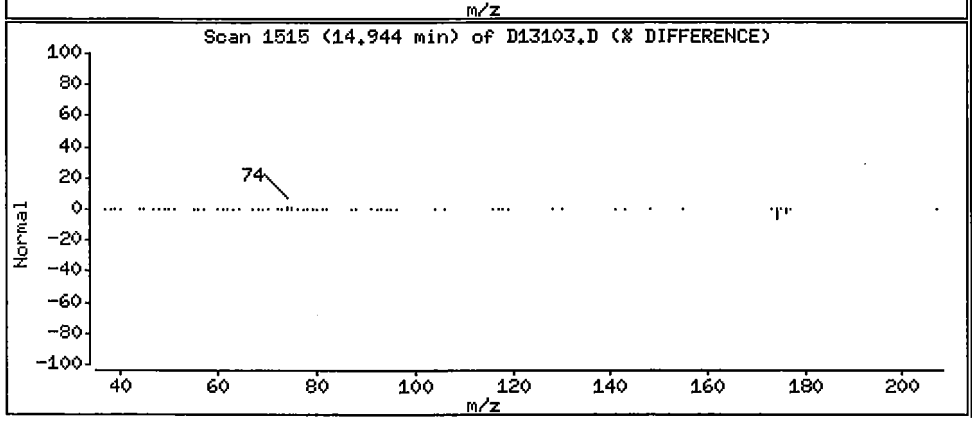
66 4-Bromofluorobenzene-2nd

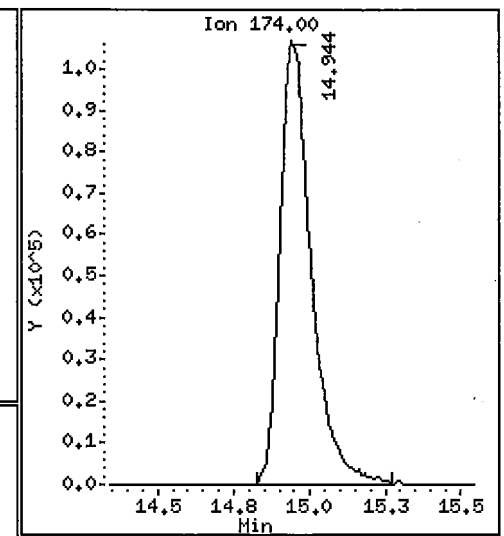
Concentration: 46.08 ug/Kg

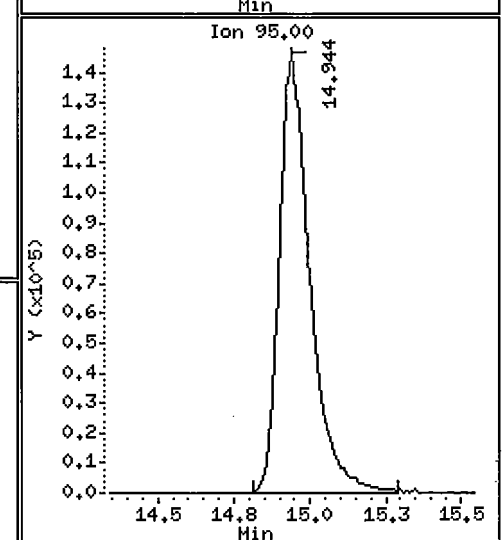


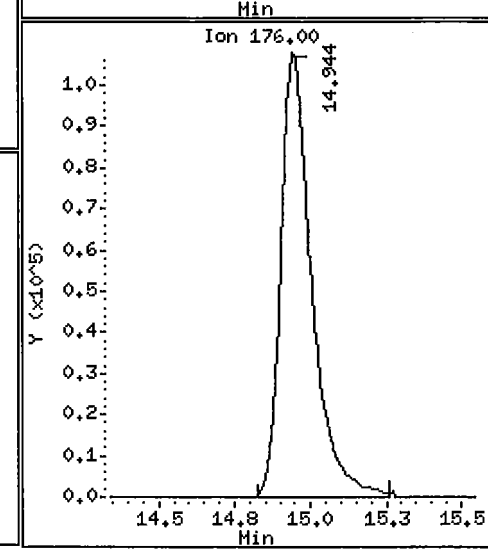












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13103.D

Date : 17-OCT-2000 03:01

Client ID: D13103

Instrument: md.i

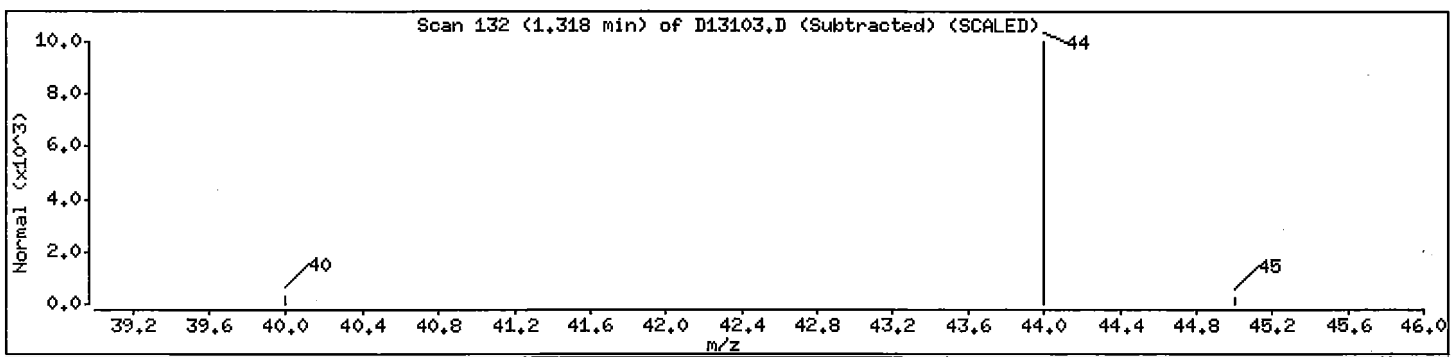
Sample Info: DLJMN101,,2,,0,1,0,8260BDA.M,D13103

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



COV

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13104.D
Lab Smp Id: DLJMP101 Client Smp ID: D13104
Inj Date : 17-OCT-2000 03:32
Operator : AD Inst ID: md.i
Smp Info : DLJMP101,,2,,0,1,0,8260BDA.M,D13104
Misc Info : E0J040325-9,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.977	5.982	(0.843)	823622	51.0625	51.06
$ 33 1,2-Dichloroethane-d4	65	6.519	6.504	(0.919)	517481	47.5308	47.53
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.514	(0.919)	97591	44.4305	44.43
* 38 Fluorobenzene	96	7.090	7.095	(1.000)	1133985	50.0000	
$ 47 Toluene-d8	98	9.918	9.913	(0.787)	1143152	49.6205	49.62
* 56 Chlorobenzene-d5	117	12.598	12.593	(1.000)	995170	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.942	14.947	(0.866)	689430	50.5610	50.56
$ 67 4-Bromofluorobenzene	95	14.952	14.947	(0.866)	920678	50.5889	50.59
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.253	(1.000)	684795	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\1016BD.B\D13104.D
Lab Smp Id: DLJMP101 Client Smp ID: D13104
Inj Date : 17-OCT-2000 03:32
Operator : AD Inst ID: md.i
Smp Info : DLJMP101,,2,,0,1,0,8260BDA.M,D13104
Misc Info : E0J040325-9,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	2650913	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	433616	8.17861766	8.18	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMP101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13104
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

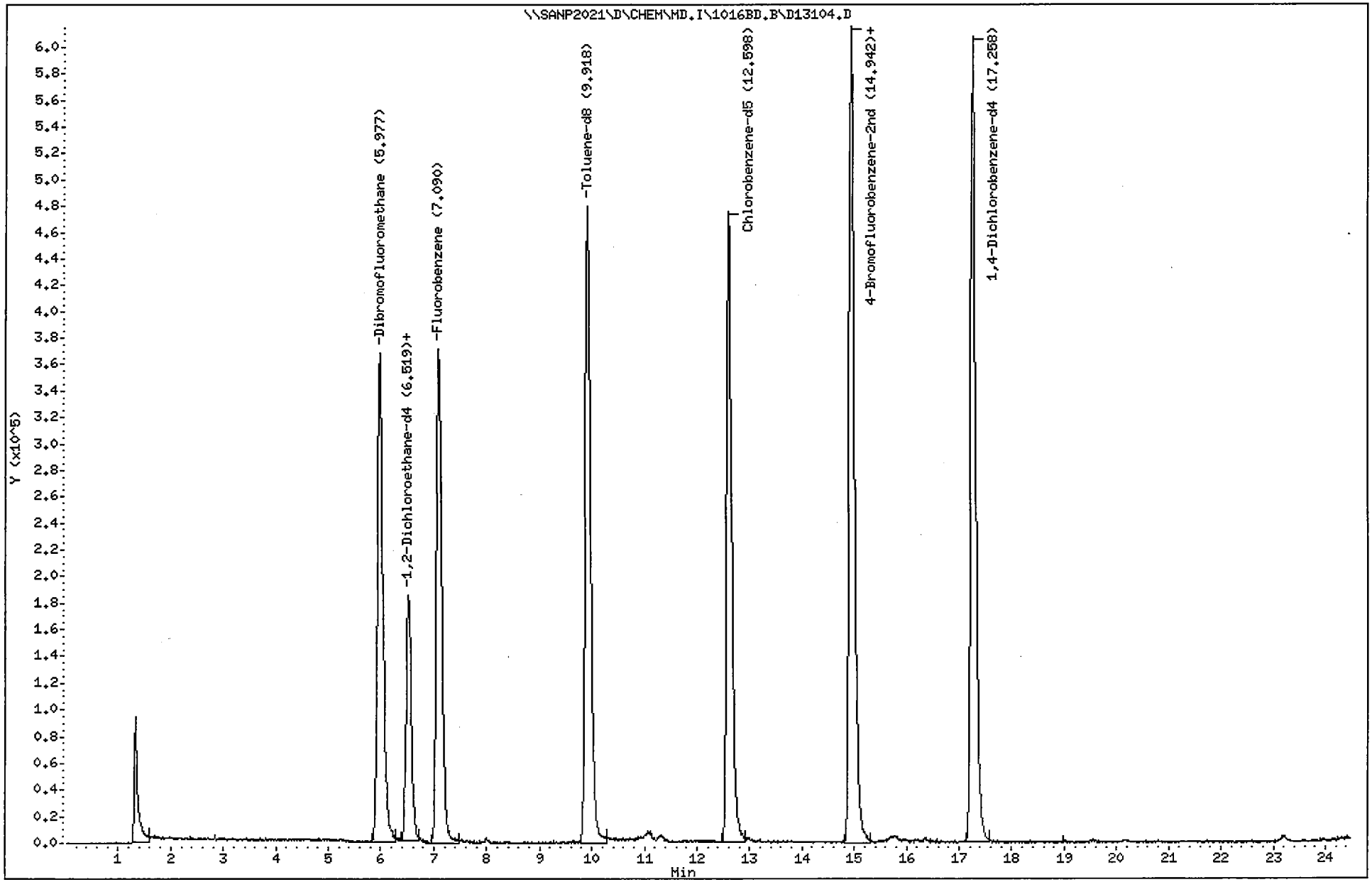
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ JM	1.317	8.18	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13104.D
Date : 17-OCT-2000 03:32
Client ID: D13104
Sample Info: DLJMP101,,2,,0,1,0,8260BDA.M,D13104

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



BOE-C6-0169779

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13104.D

Date : 17-OCT-2000 03:32

Client ID: D13104

Instrument: md.i

Sample Info: DLJMP101,,2,,0,1,0,8260BDA.M,D13104

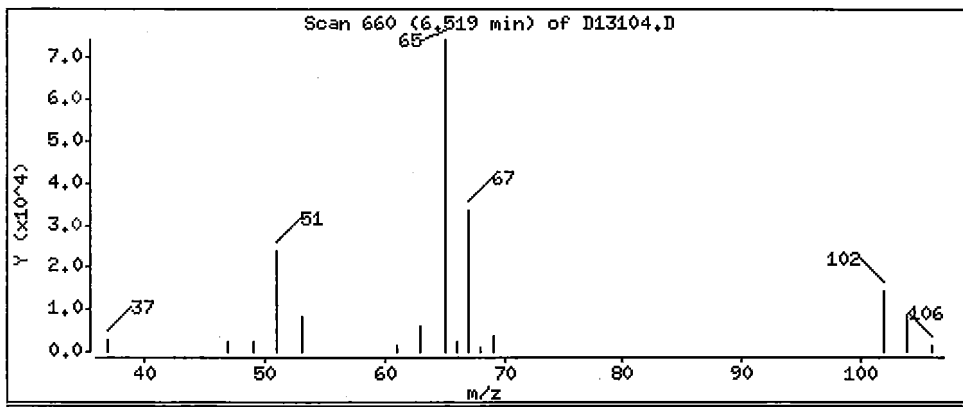
Operator: AD

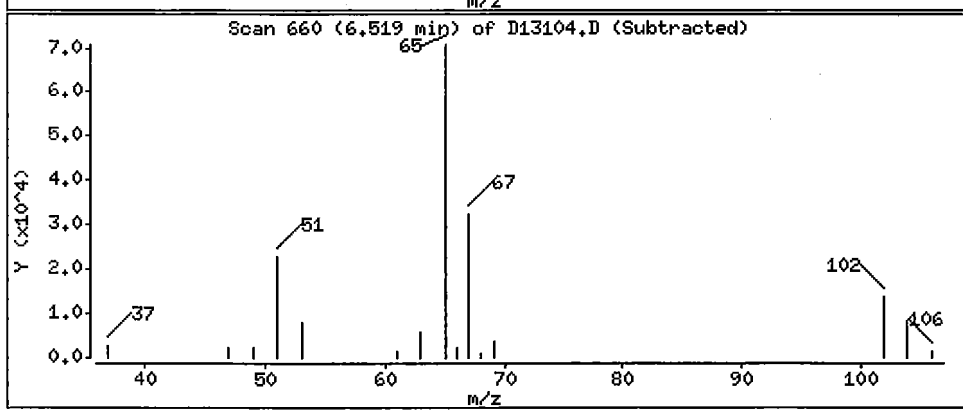
Column phase: J&W DB-624

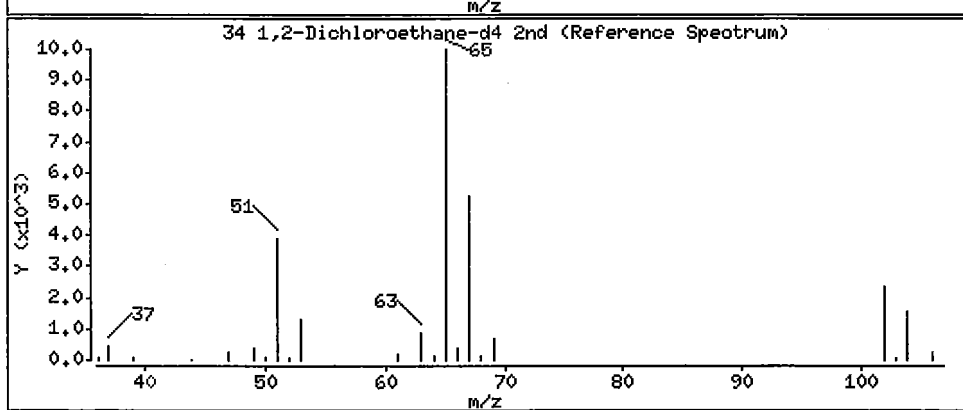
Column diameter: 0.53

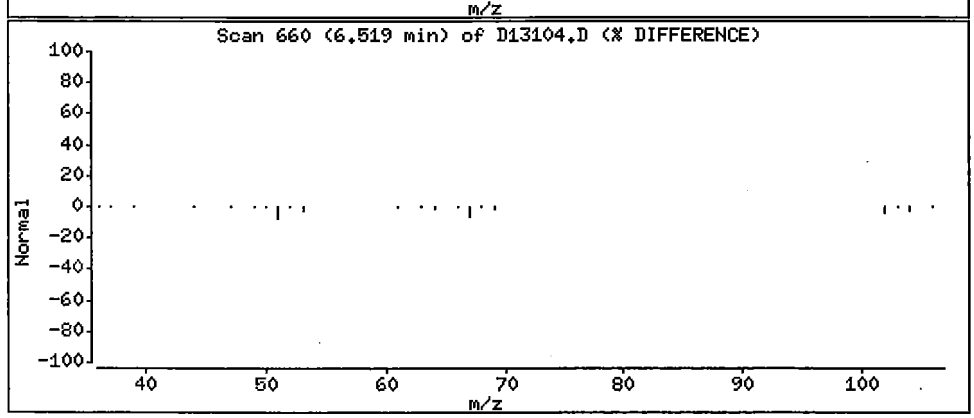
34 1,2-Dichloroethane-d4 2nd

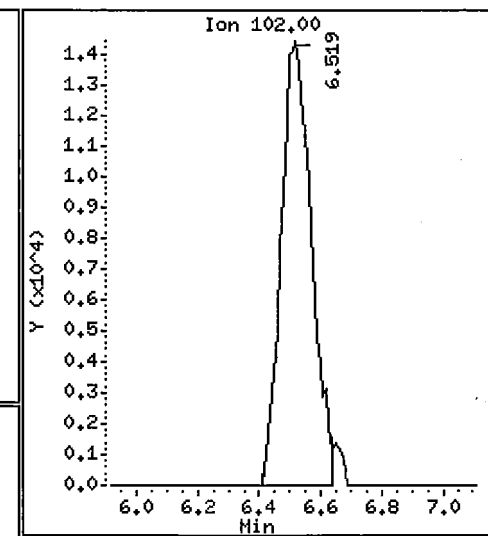
Concentration: 44.43 ug/Kg

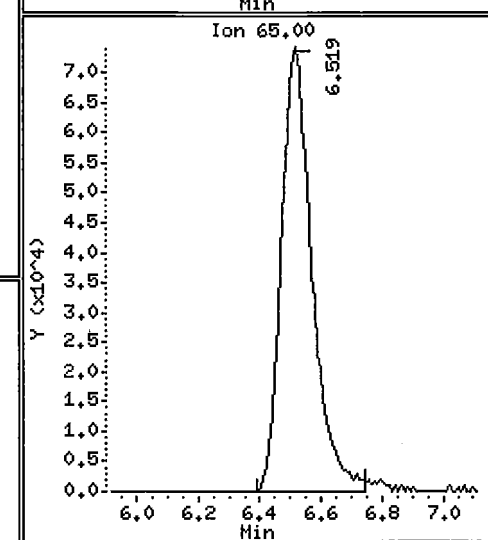












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13104.D

Date : 17-OCT-2000 03:32

Client ID: D13104

Instrument: md.i

Sample Info: DLJMP101,,2,,0,1,0,8260BDA.M,D13104

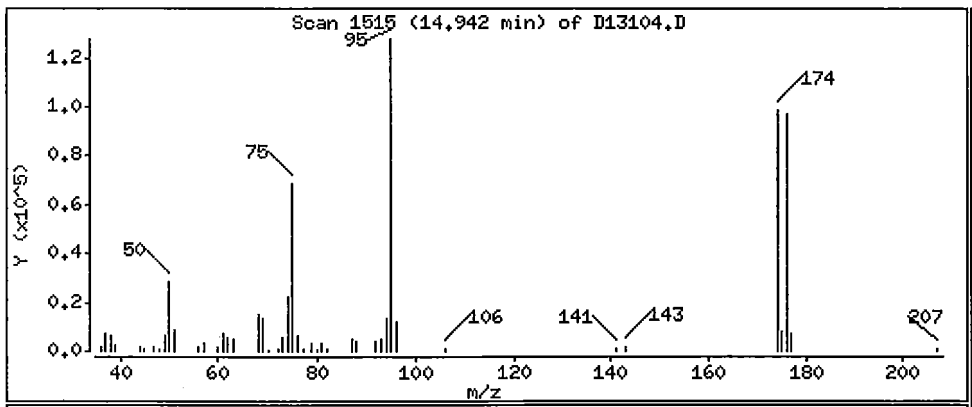
Operator: AD

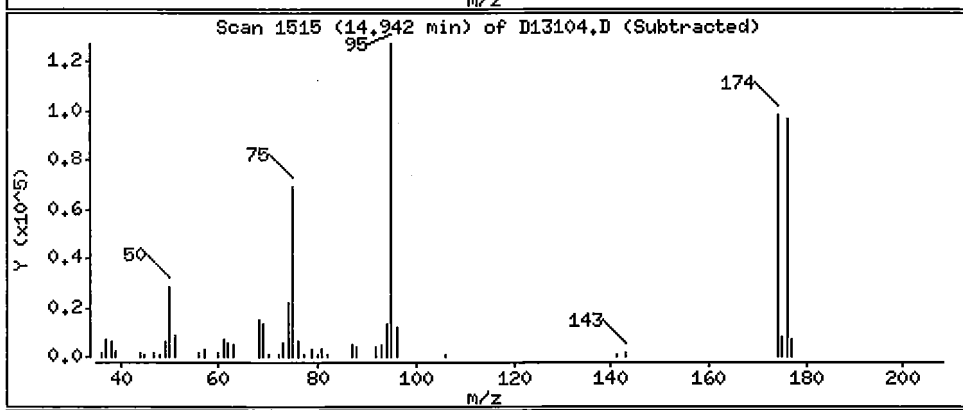
Column phase: J&W DB-624

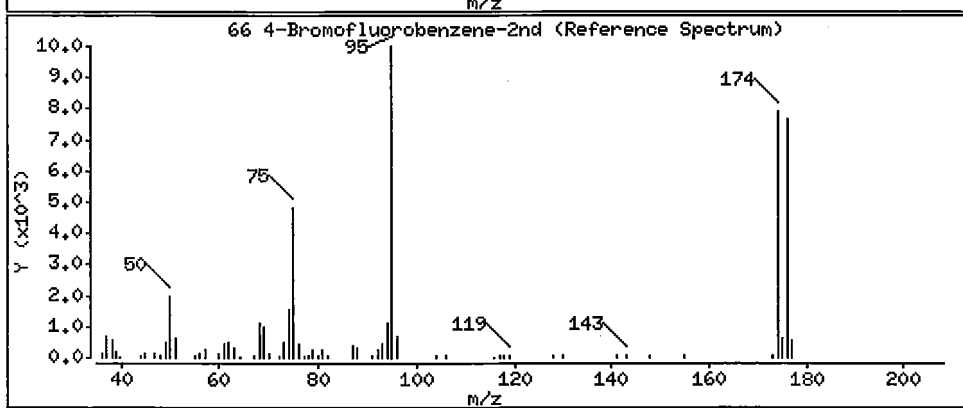
Column diameter: 0.53

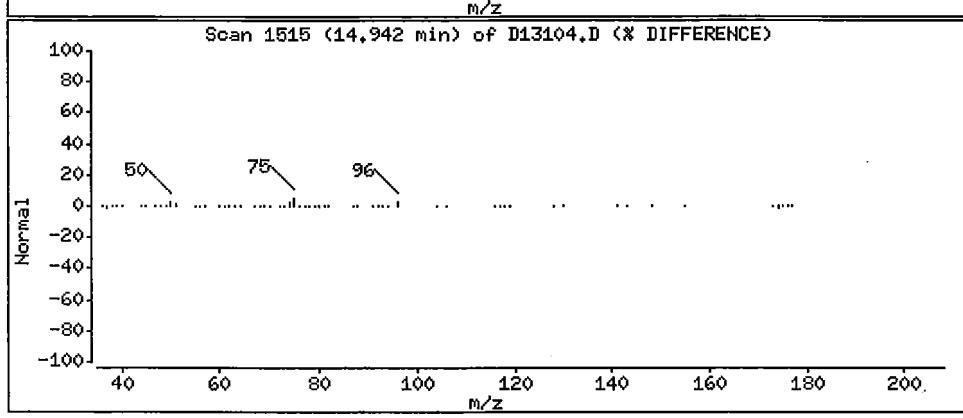
66 4-Bromofluorobenzene-2nd

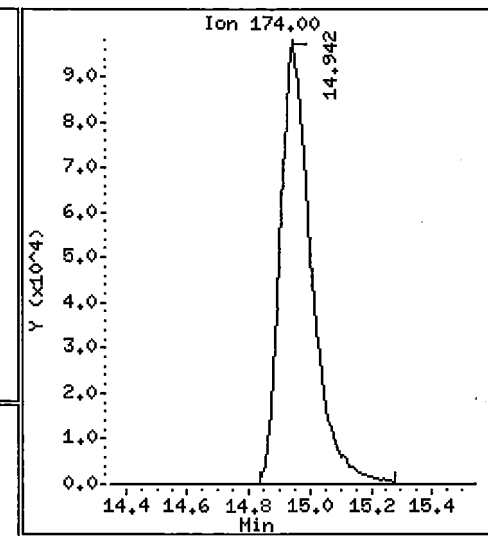
Concentration: 50.56 ug/Kg

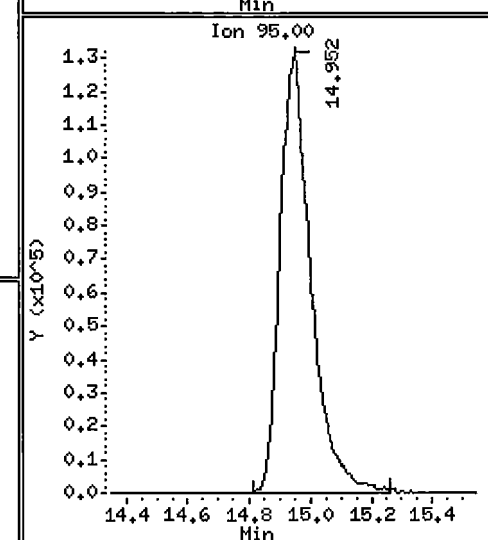


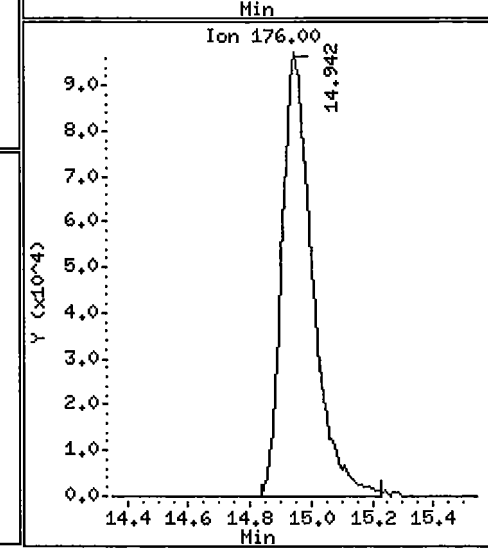












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13104.D

Date : 17-OCT-2000 03:32

Client ID: D13104

Instrument: md.i

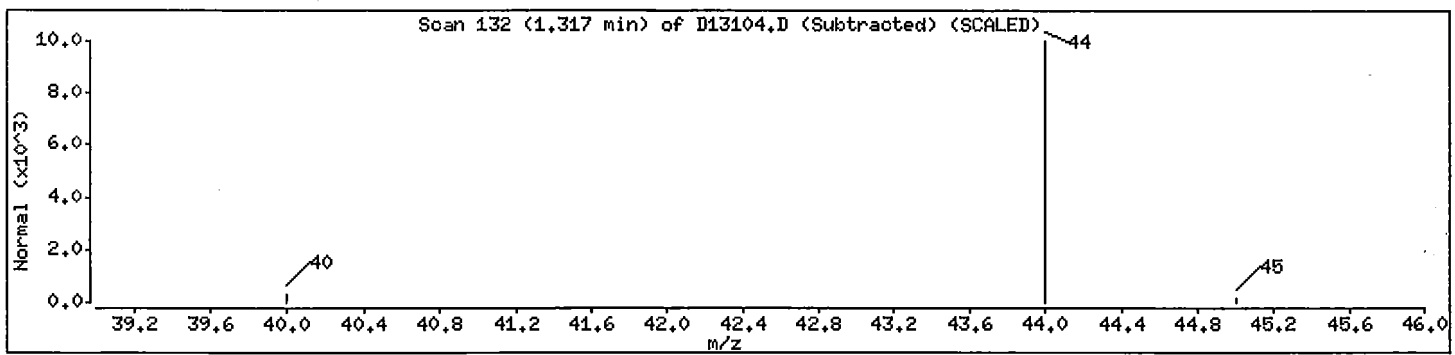
Sample Info: DLJMP101,,2,,0,1,0,8260BDA.M,D13104

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1016BD.B\D13105.D
Lab Smp Id: DLJMQ101 Client Smp ID: D13105
Inj Date : 17-OCT-2000 04:04
Operator : AD Inst ID: md.i
Smp Info : DLJMQ101,,2,,0,1,0,8260BDA.M,D13105
Misc Info : E0J040325-10,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.864	2.868	(0.404)	9905	7.18990	7.19
13 Methylene chloride	84	3.317	3.312	(0.468)	8406	1.18053	1.18(aQ)
26 Chloroform (*)	83	5.721	5.706	(0.807)	43217	2.37121	2.37(aQ)
$ 29 Dibromofluoromethane	111	5.978	5.982	(0.843)	834014	47.1203	47.12
$ 33 1,2-Dichloroethane-d4	65	6.519	6.504	(0.919)	548227	45.8883	45.89
34 1,2-Dichloroethane-d4 2nd	102	6.510	6.514	(0.918)	106498	44.1847	44.18
* 38 Fluorobenzene	96	7.091	7.095	(1.000)	1244362	50.0000	
$ 47 Toluene-d8	98	9.909	9.913	(0.786)	1163338	45.5827	45.58
48 Toluene (*)	91	10.047	10.031	(0.797)	45418	1.68546	1.68(aM)
* 56 Chlorobenzene-d5	117	12.608	12.593	(1.000)	1102454	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.947	(0.866)	690723	47.2148	47.21
$ 67 4-Bromofluorobenzene	95	14.943	14.947	(0.866)	927179	47.4855	47.48
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.253	(1.000)	734703	50.0000	(Q)

10-17-00

QC Flag Legend

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

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13105.D
Lab Smp Id: DLJMQ101 Client Smp ID: D13105
Inj Date : 17-OCT-2000 04:04
Operator : AD Inst ID: md.i
Smp Info : DLJMQ101,,2,,0,1,0,8260BDA.M,D13105
Misc Info : E0J040325-10,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.091	2907191	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	573519	9.86379413	9.86	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMQ101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13105
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~~ M	1.317	9.86	_J__

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13105.D

Date : 17-OCT-2000 04:04

Client ID: D13105

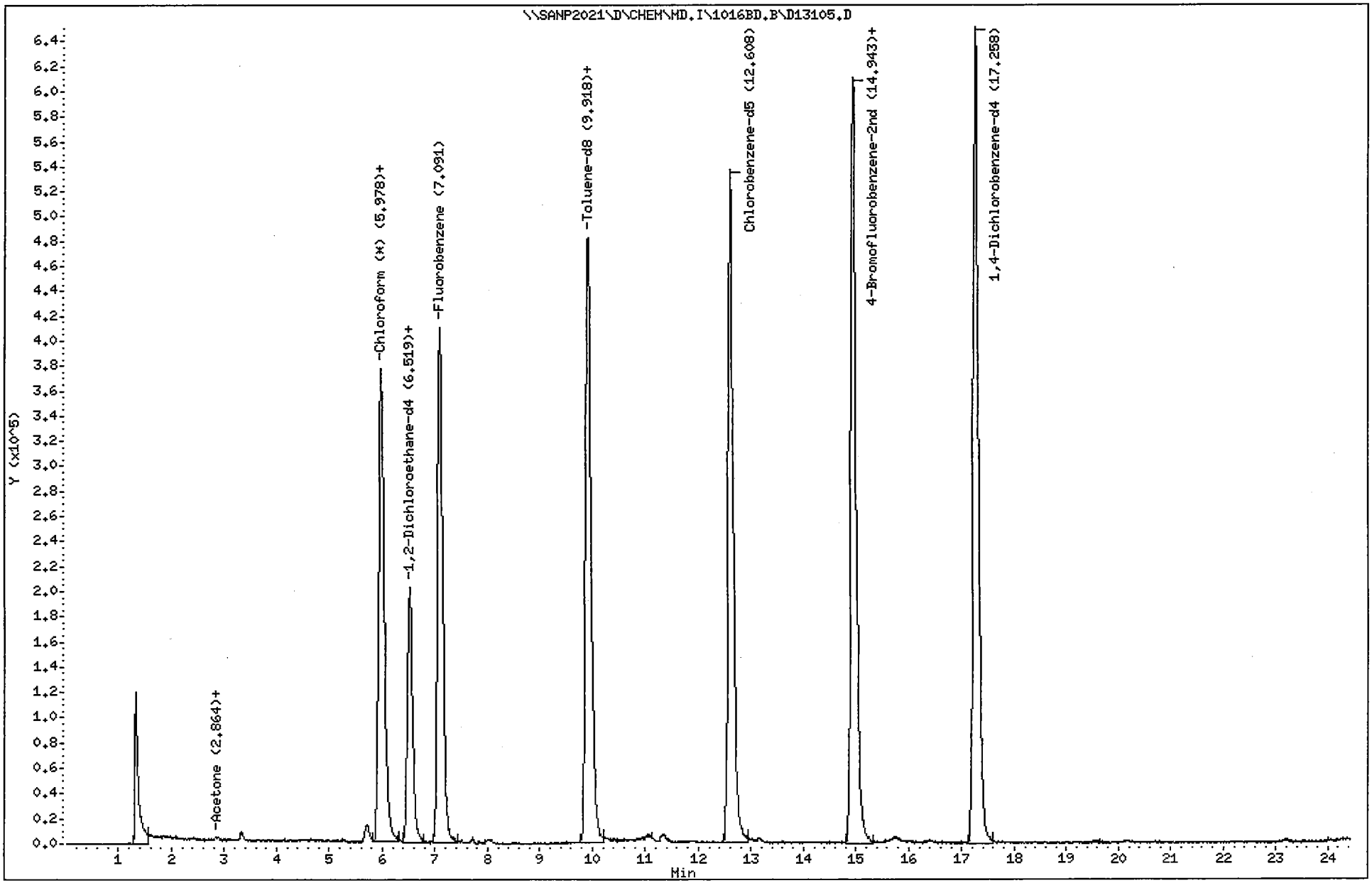
Sample Info: DLJMQ101,,2,,0,1,0,8260BDA.M,D13105

Column phase: J&W DB-624

Instrument: md.i

Operator: AD

Column diameter: 0.53



000502

BOE-C6-0169787

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13105.D

Date : 17-OCT-2000 04:04

Client ID: D13105

Instrument: md.i

Sample Info: DLJMQ101,,2,,0,1,0,8260BDA.M,D13105

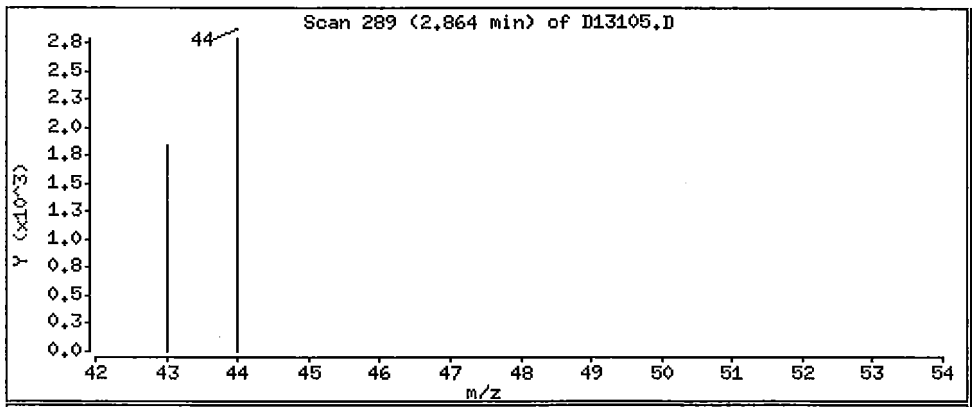
Operator: AD

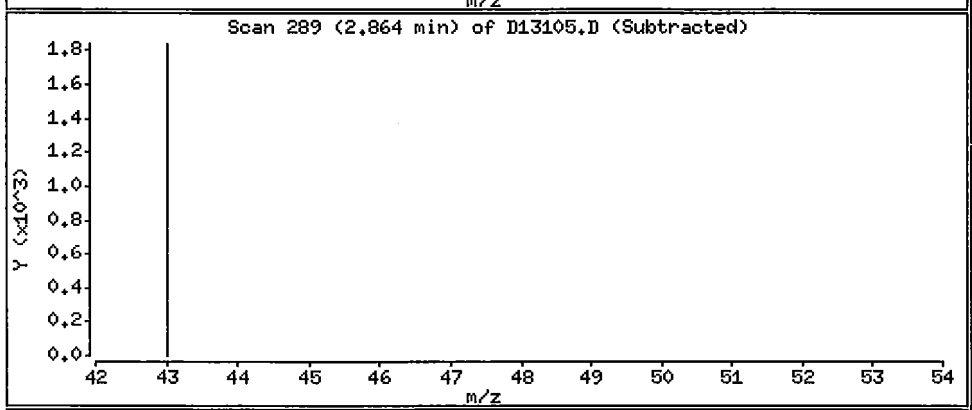
Column phase: J&W DB-624

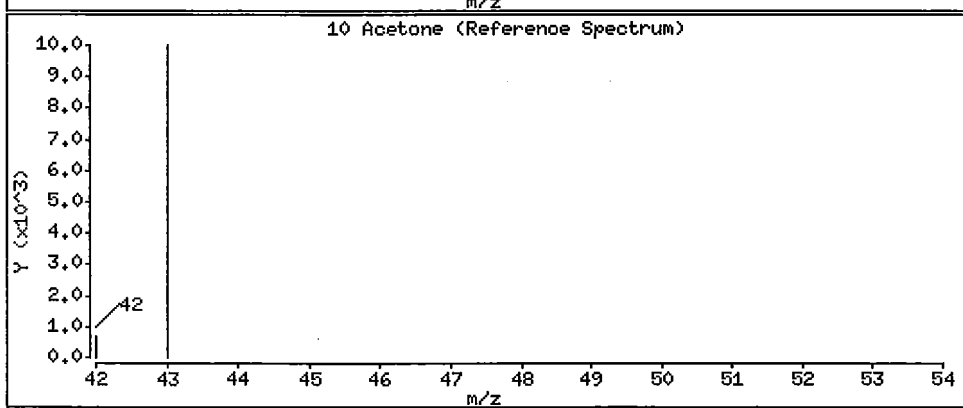
Column diameter: 0.53

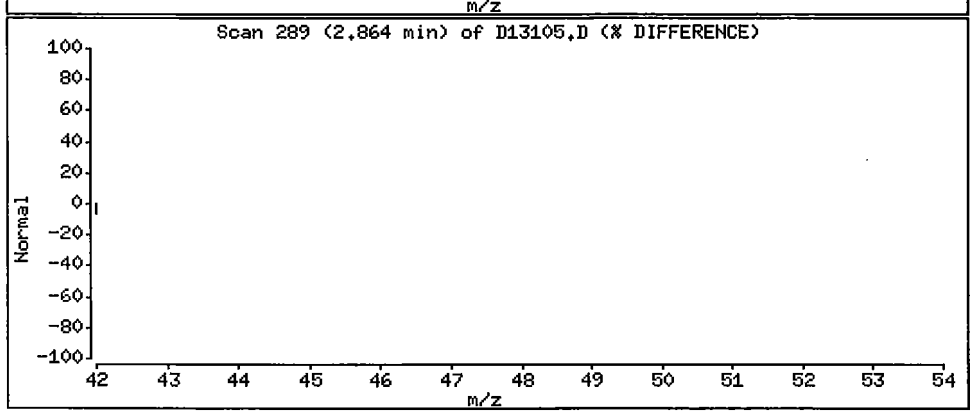
10 Acetone

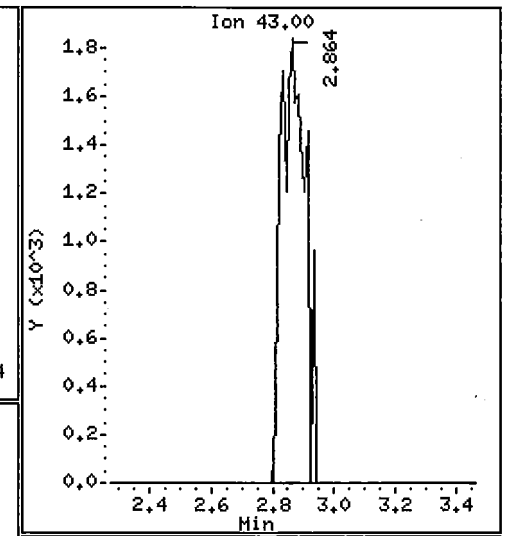
Concentration: 7.19 ug/Kg

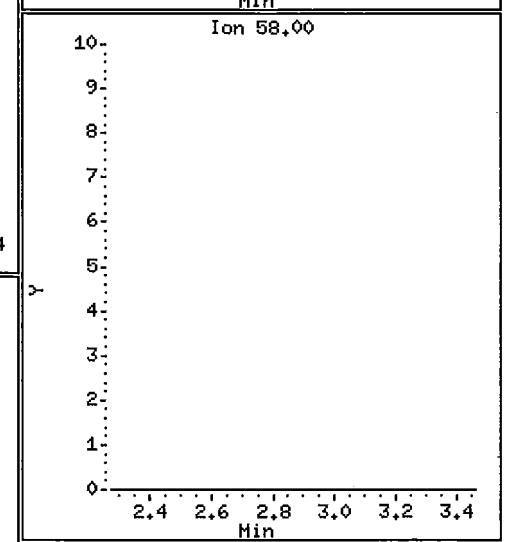












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13105.D

Date : 17-OCT-2000 04:04

Client ID: D13105

Instrument: md.i

Sample Info: DLJMQ101,,2,,0,1,0,8260BDA.M,D13105

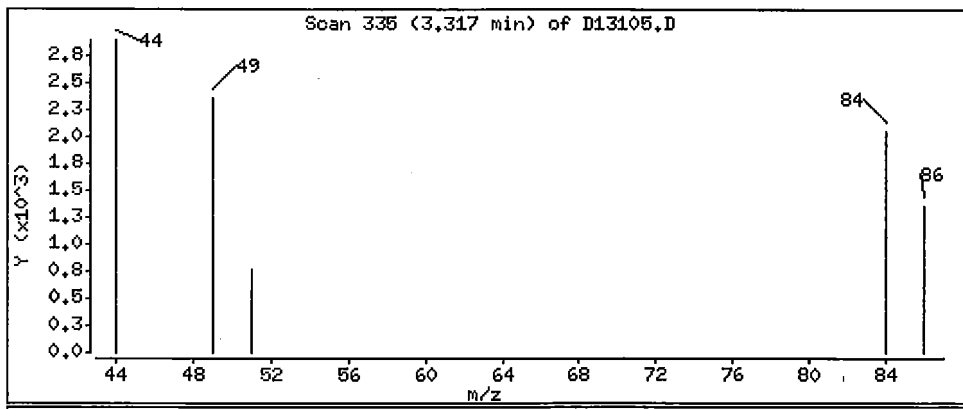
Operator: AD

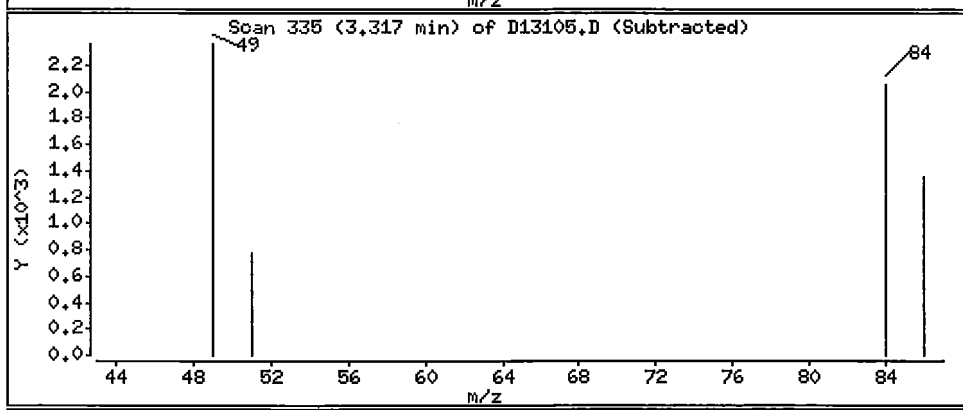
Column phase: J&W DB-624

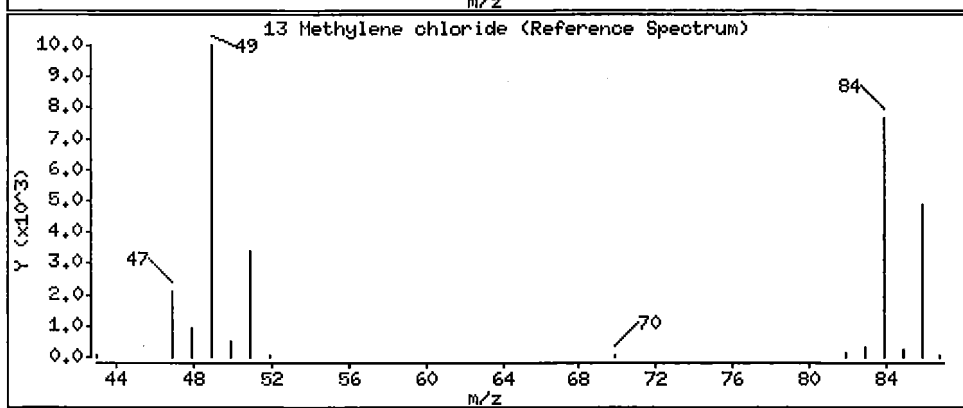
Column diameter: 0.53

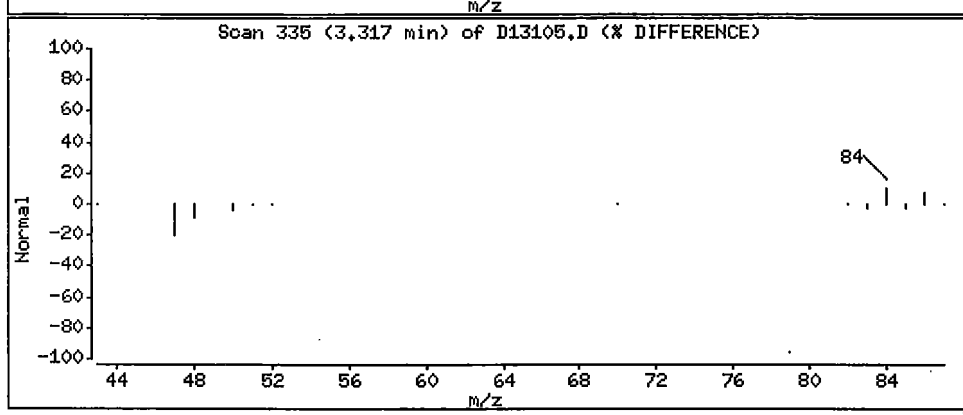
13 Methylene chloride

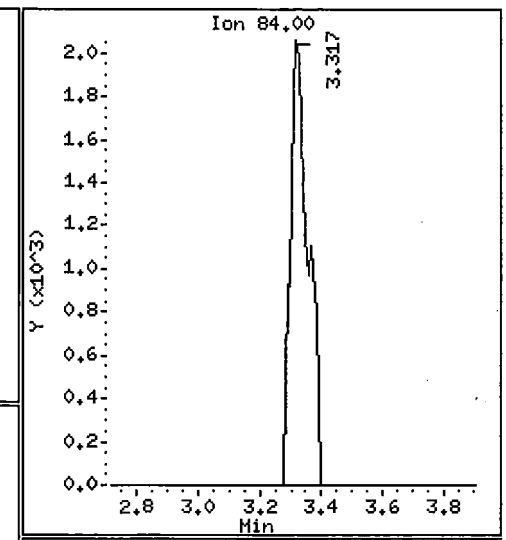
Concentration: 1.18 ug/Kg

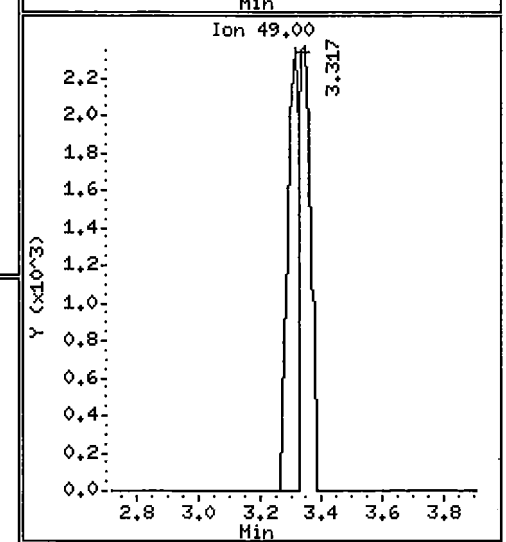


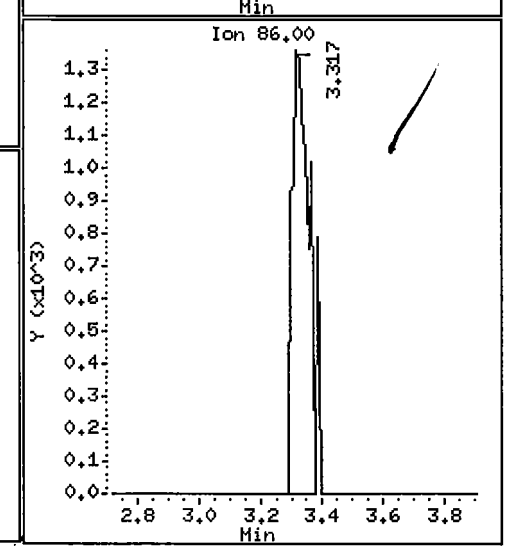












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13105.D

Date : 17-OCT-2000 04:04

Client ID: D13105

Instrument: md.i

Sample Info: DLJMQ101,,2,,0,1,0,8260BDA.M,D13105

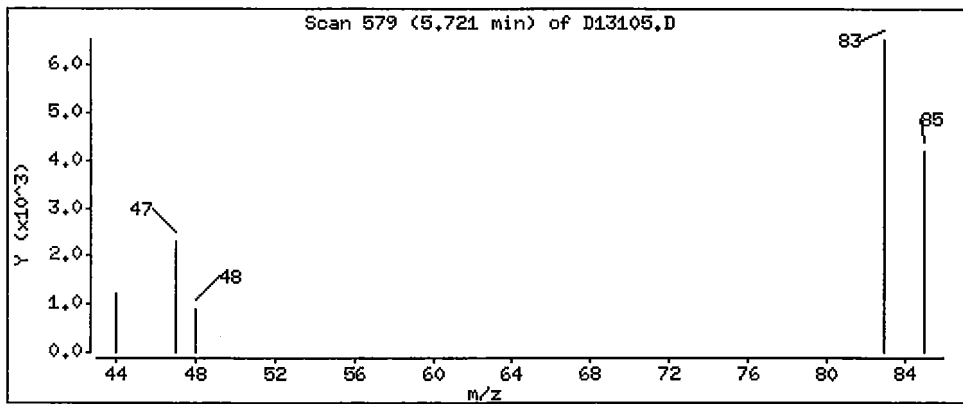
Operator: AD

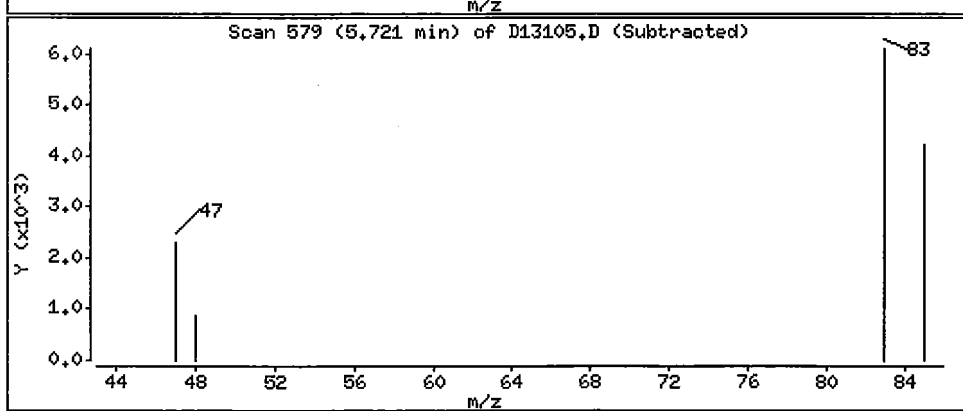
Column phase: J&W DB-624

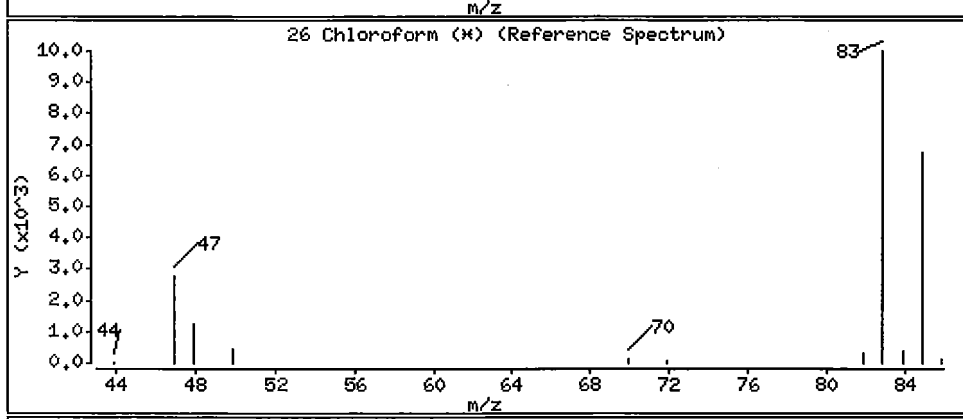
Column diameter: 0.53

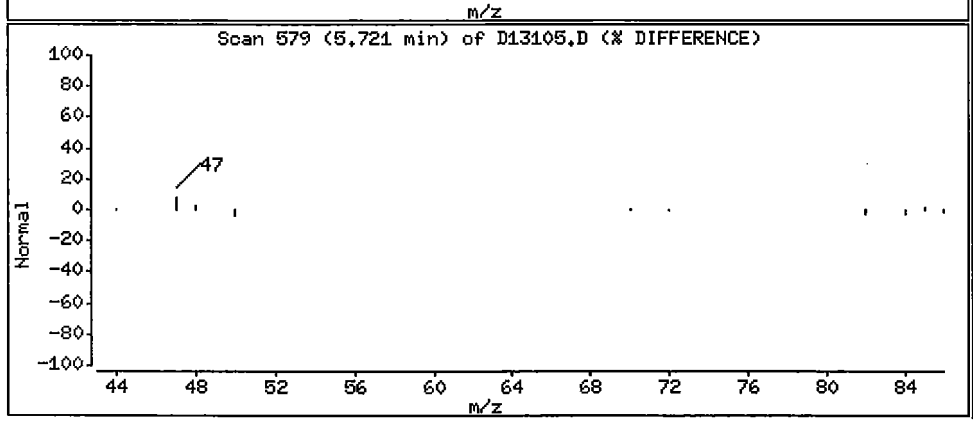
26 Chloroform (*)

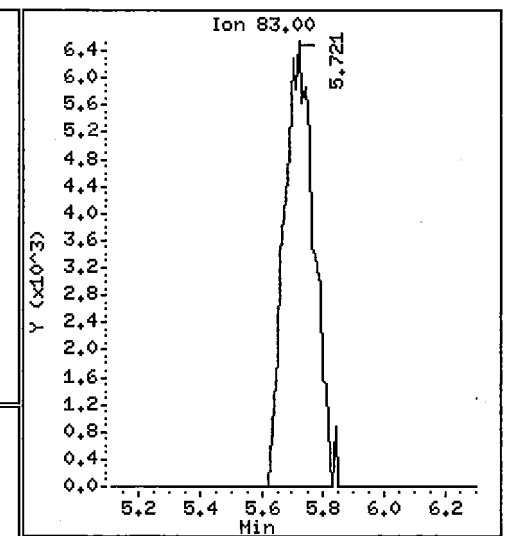
Concentration: 2.37 ug/Kg

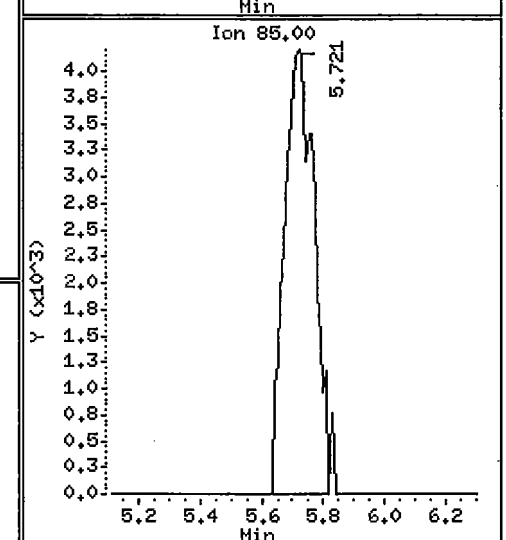


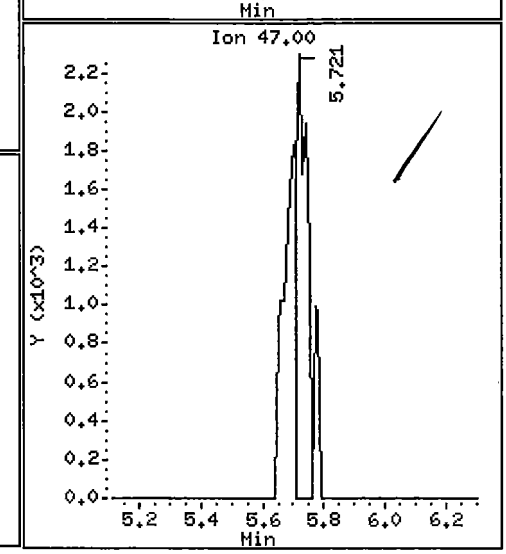












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13105.D

Date : 17-OCT-2000 04:04

Client ID: D13105

Instrument: md.i

Sample Info: DLJMQ101,,2,,0,1,0,8260BDA.M,D13105

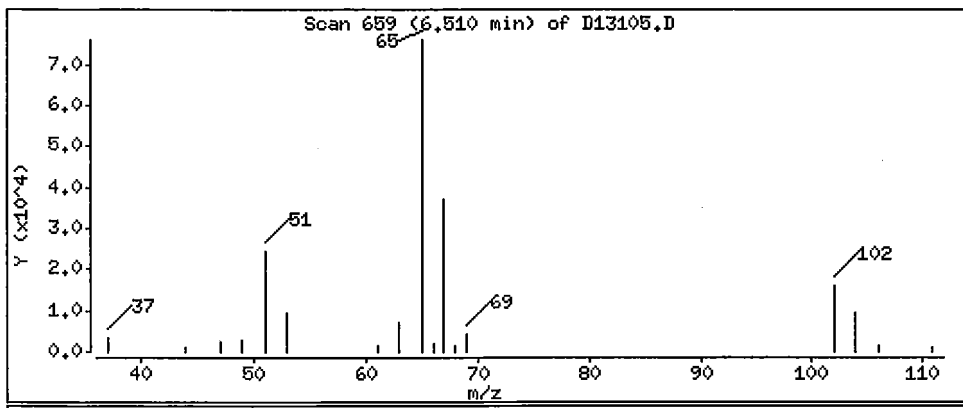
Operator: AD

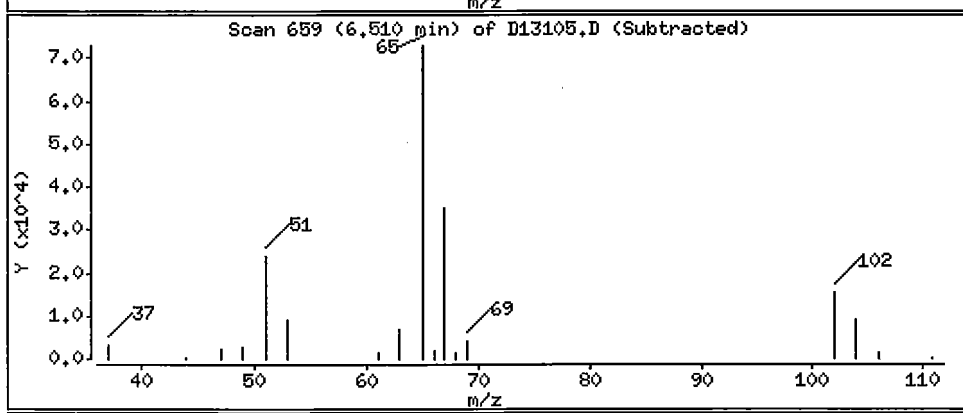
Column phase: J&W DB-624

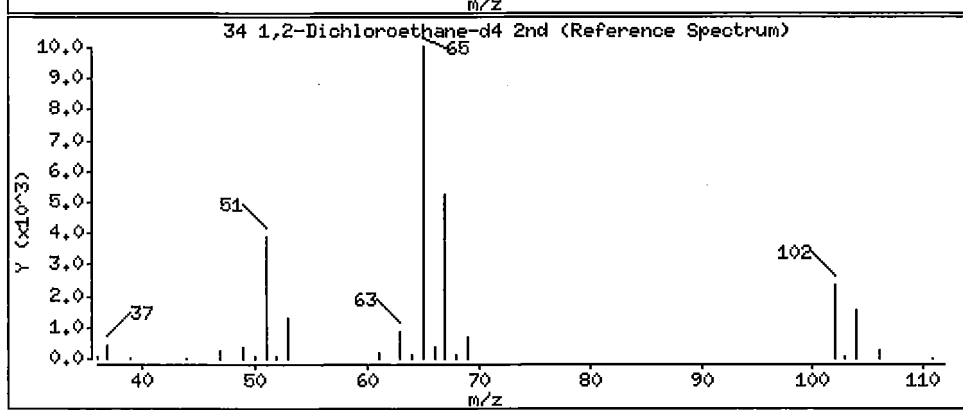
Column diameter: 0.53

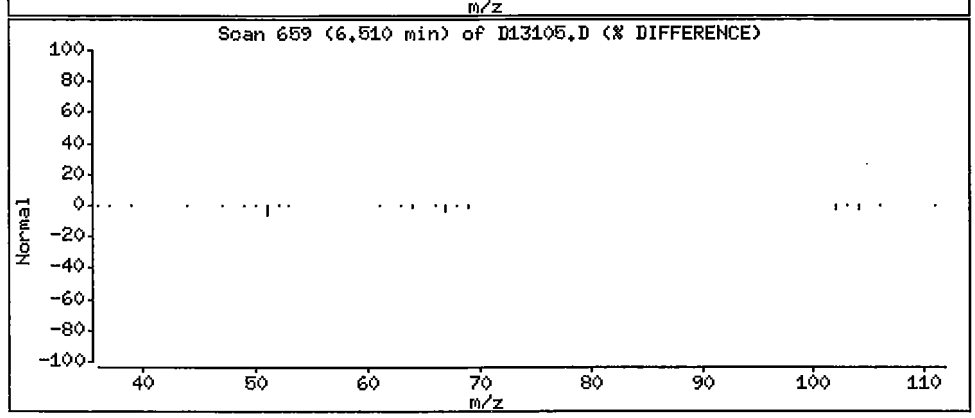
34 1,2-Dichloroethane-d4 2nd

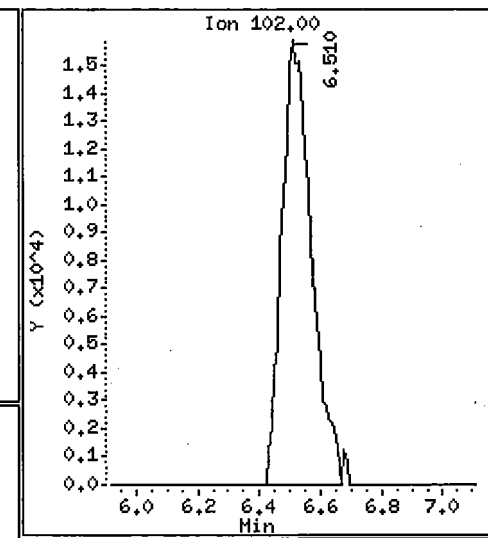
Concentration: 44.18 ug/Kg

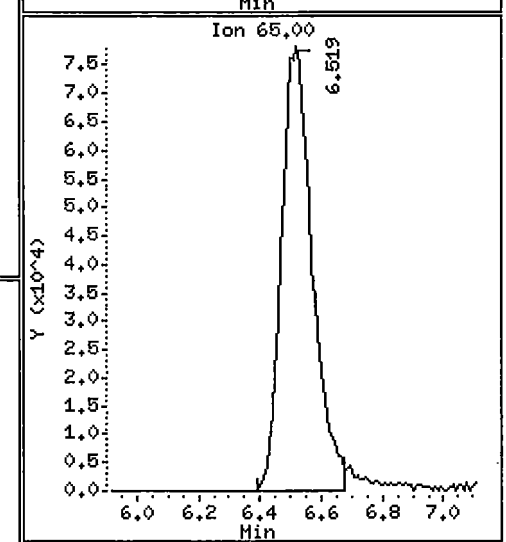






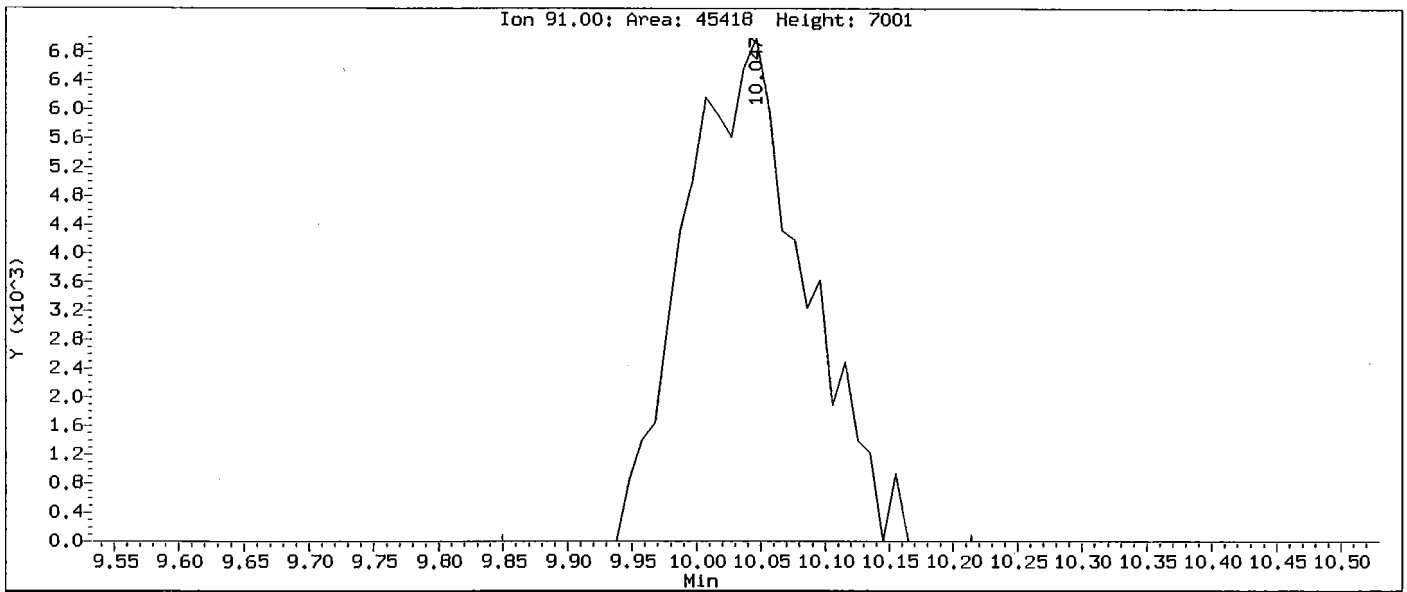


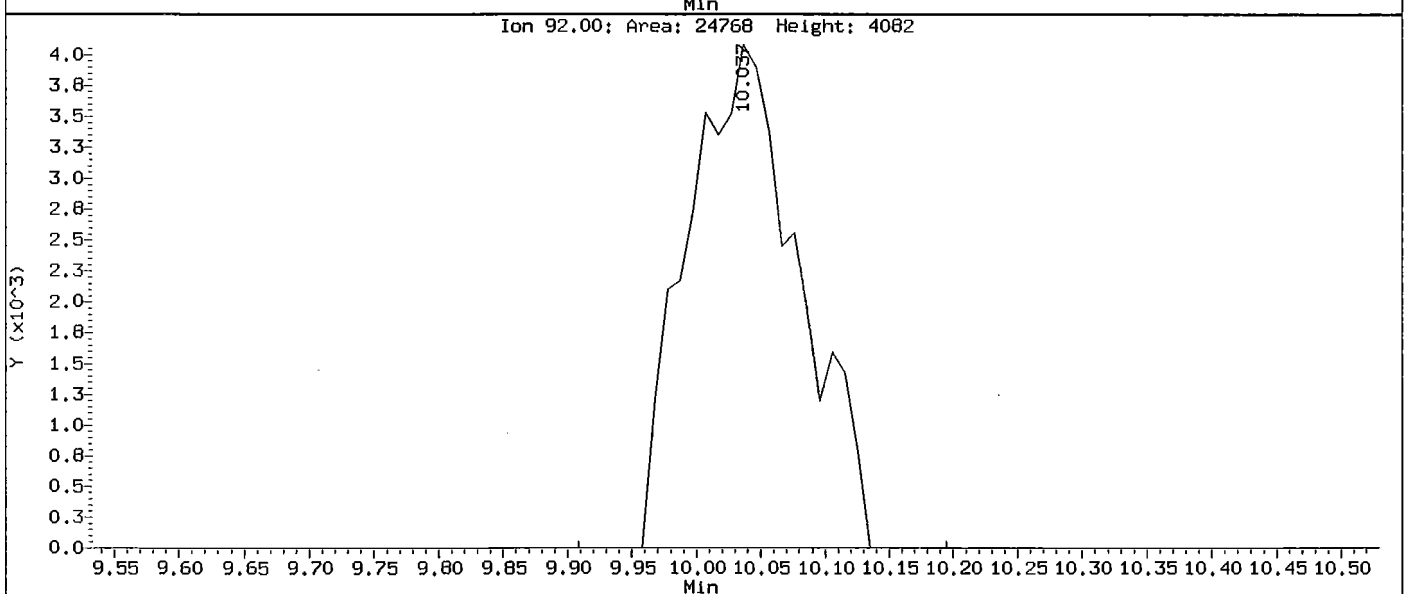


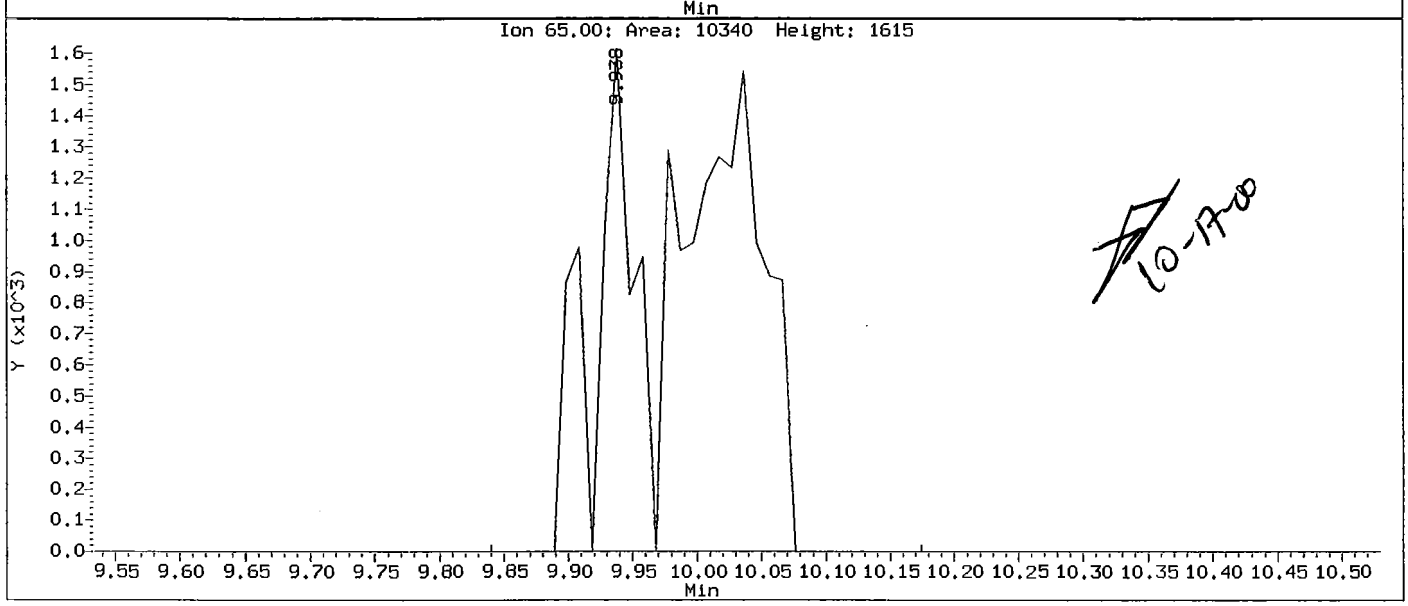


Data File: \\SANP2021\D\chem\md.i\1016BD.B\D13105.D
Injection Date: 17-OCT-2000 04:04
Instrument: md.i
Client Sample ID: D13105

Compound: Toluene (*)
CAS Number: 108-88-3







10-17-00

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13105.D

Date : 17-OCT-2000 04:04

Client ID: D13105

Instrument: md.i

Sample Info: DLJMQ101,,2,,0,1,0,8260BDA.M,D13105

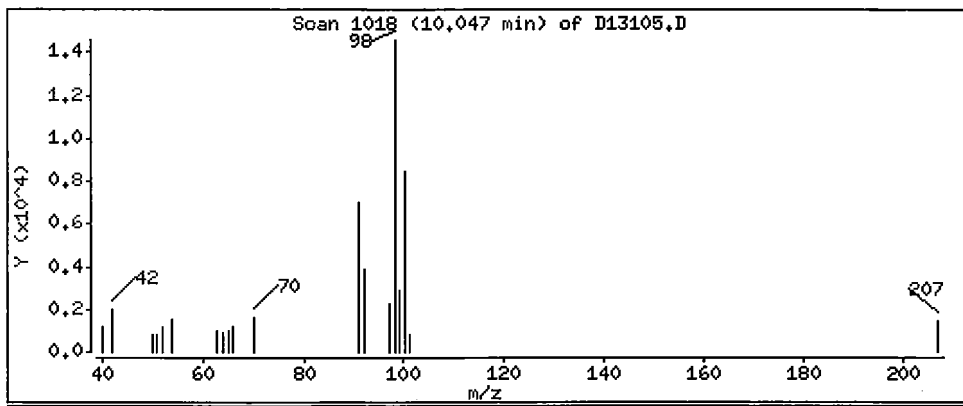
Operator: AD

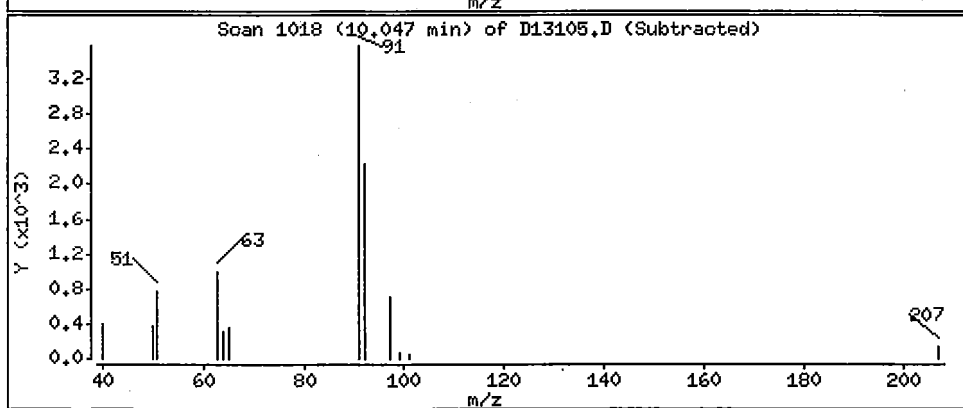
Column phase: J&W DB-624

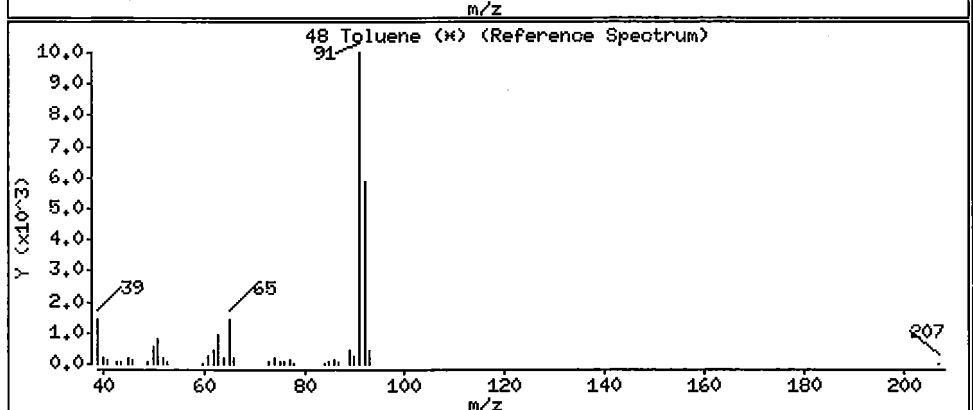
Column diameter: 0.53

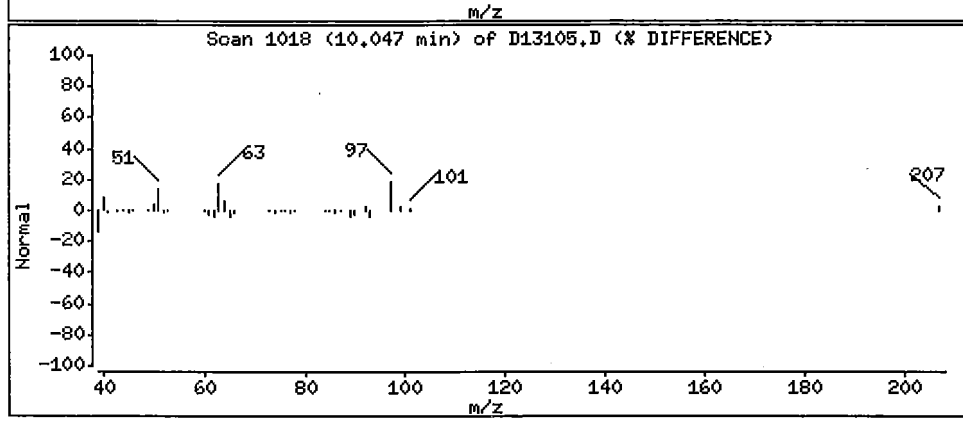
48 Toluene (*)

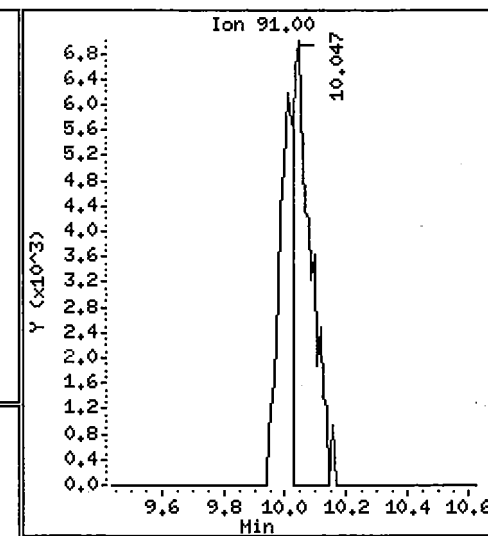
Concentration: 1.04 ug/Kg

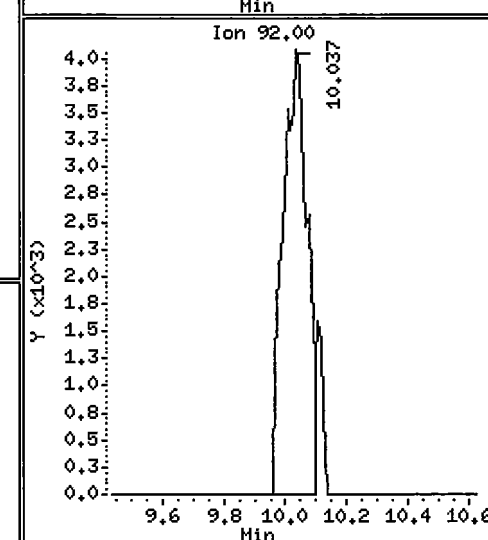


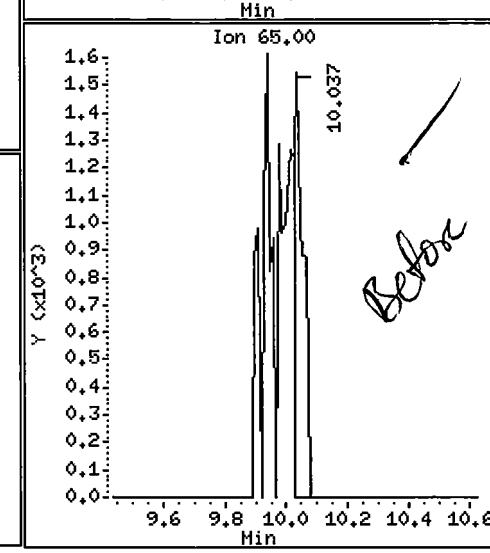












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13105.D

Date : 17-OCT-2000 04:04

Client ID: D13105

Instrument: md.i

Sample Info: DLJMQ101,,2,,0,1,0,8260BDA.M,D13105

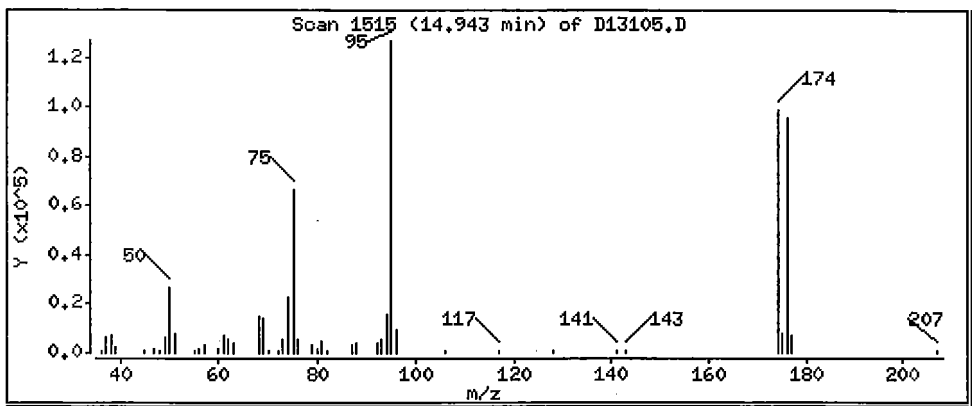
Operator: AD

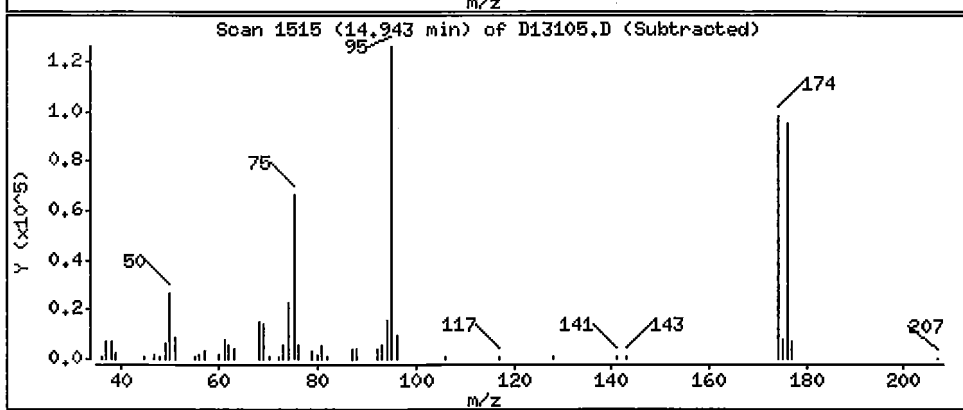
Column phase: J&W DB-624

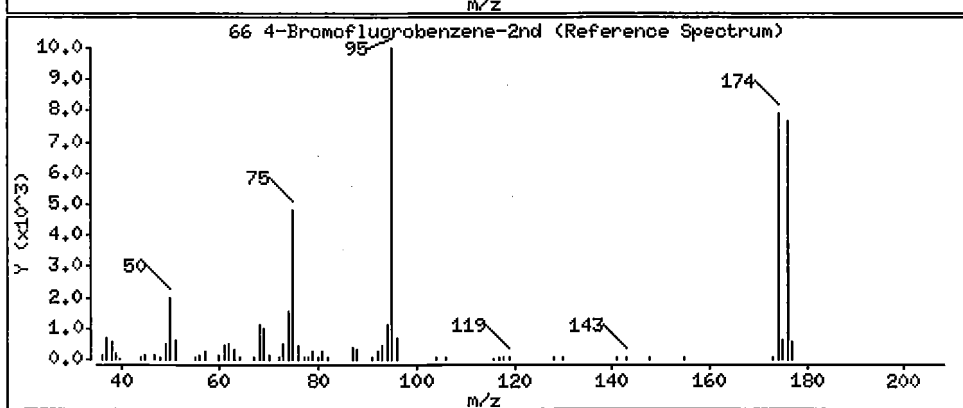
Column diameter: 0.53

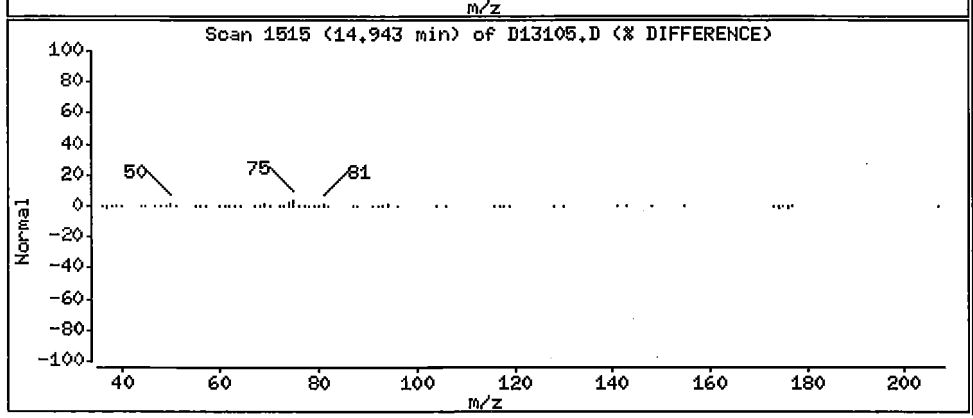
66 4-Bromofluorobenzene-2nd

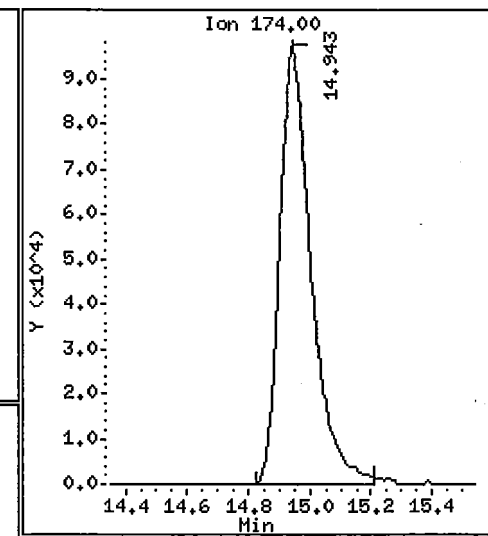
Concentration: 47.21 ug/Kg

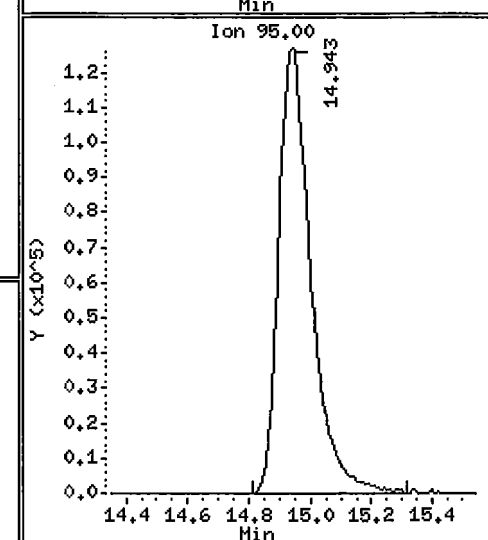


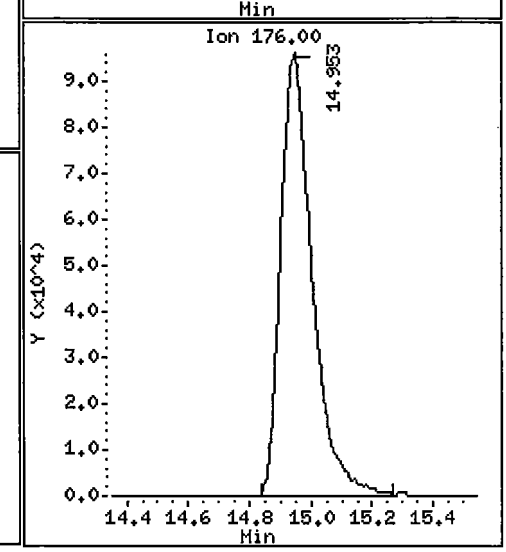












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13105.D

Date : 17-OCT-2000 04:04

Client ID: D13105

Instrument: md.i

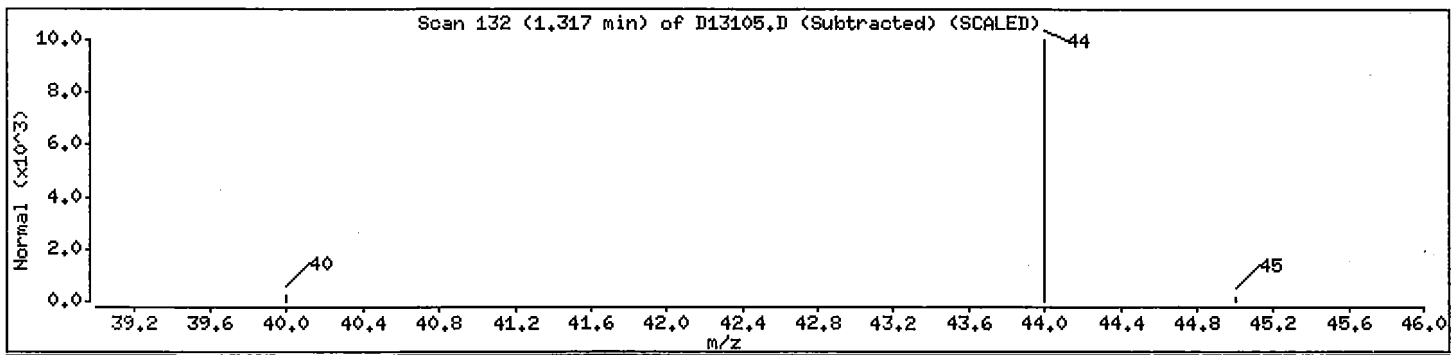
Sample Info: DLJMQ101,,2,,0,1,0,8260BDA.M,D13105

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13106.D
Lab Smp Id: DLJMR101 Client Smp ID: D13106
Inj Date : 17-OCT-2000 04:36
Operator : AD Inst ID: md.i
Smp Info : DLJMR101,,2,,0,1,0,8260BDA.M,D13106
Misc Info : E0J040325-11,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.864	2.868	(0.404)	7951	5.90556	5.90
26 Chloroform (*)	83	5.711	5.706	(0.805)	208032	11.6793	11.68
$ 29 Dibromofluoromethane	111	5.977	5.982	(0.843)	807939	46.7070	46.71
$ 33 1,2-Dichloroethane-d4	65	6.509	6.504	(0.918)	546146	46.7757	46.78
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.514	(0.919)	105178	44.6505	44.65
* 38 Fluorobenzene	96	7.091	7.095	(1.000)	1216122	50.0000	
$ 47 Toluene-d8	98	9.908	9.913	(0.786)	1135452	46.0709	46.07
48 Toluene (*)	91	10.037	10.031	(0.796)	28066	1.07856	1.08(aQ)
* 56 Chlorobenzene-d5	117	12.608	12.593	(1.000)	1064625	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.953	14.947	(0.866)	665899	47.5187	47.52
$ 67 4-Bromofluorobenzene	95	14.943	14.947	(0.866)	893840	47.7901	47.79
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.253	(1.000)	703769	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\1016BD.B\D13106.D
Lab Smp Id: DLJMR101 Client Smp ID: D13106
Inj Date : 17-OCT-2000 04:36
Operator : AD Inst ID: md.i
Smp Info : DLJMR101,,2,,0,1,0,8260BDA.M,D13106
Misc Info : E0J040325-11,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.091	2856463	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	513963	8.99649518	9.00	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMR101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13106
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

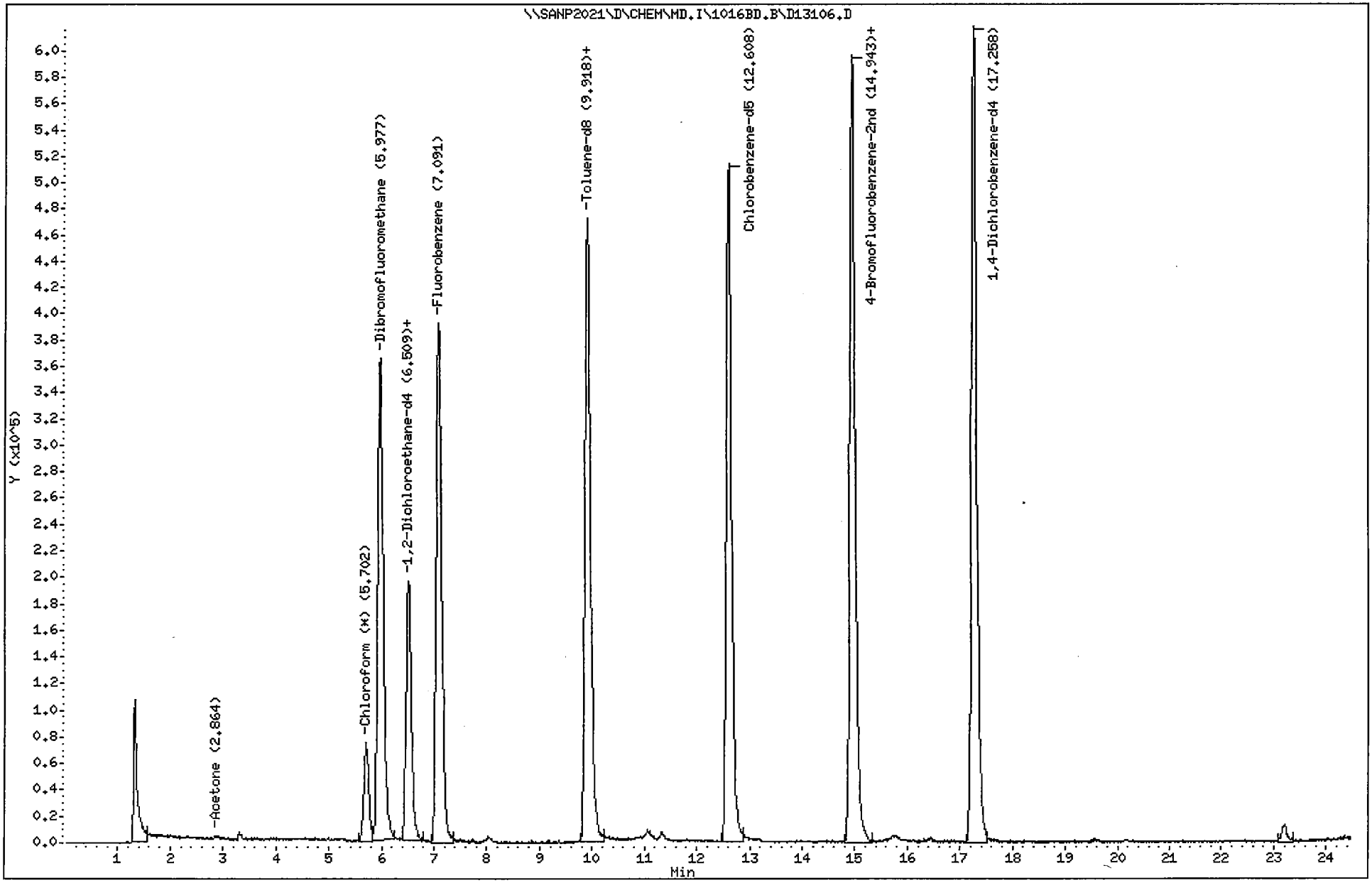
CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Un~~known~~ N	1.317	9.00	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13106.D
Date : 17-OCT-2000 04:36
Client ID: D13106
Sample Info: DLJMR101,,2,,0,1,0,8260BDA.M,D13106

Instrument: md.i

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



000515

BOE-C6-0169800

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13106.D

Date : 17-OCT-2000 04:36

Client ID: D13106

Instrument: md.i

Sample Info: DLJMR101,,2,,0,1,0,8260BDA.M,D13106

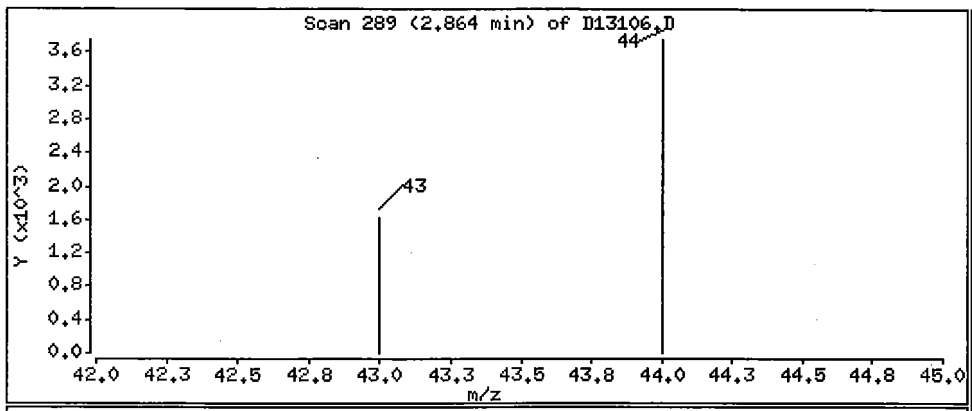
Operator: AD

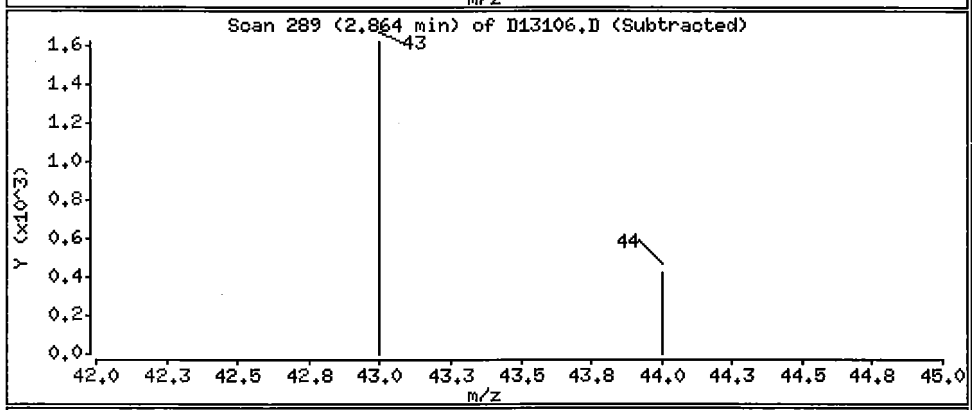
Column phase: J&W DB-624

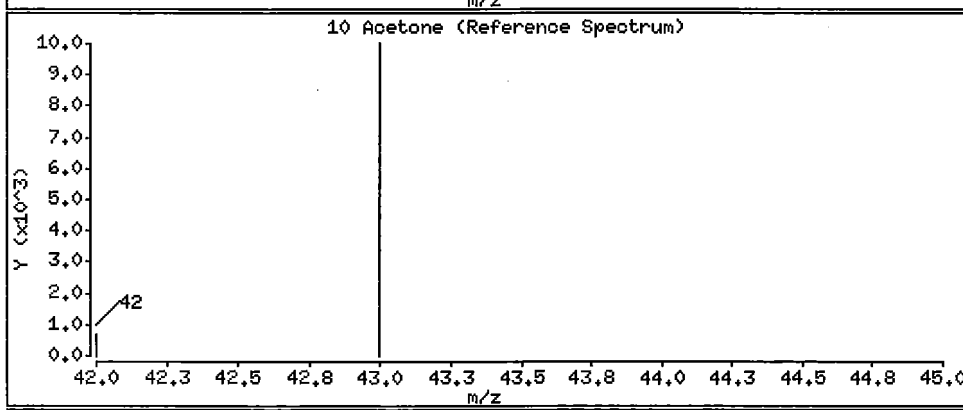
Column diameter: 0.53

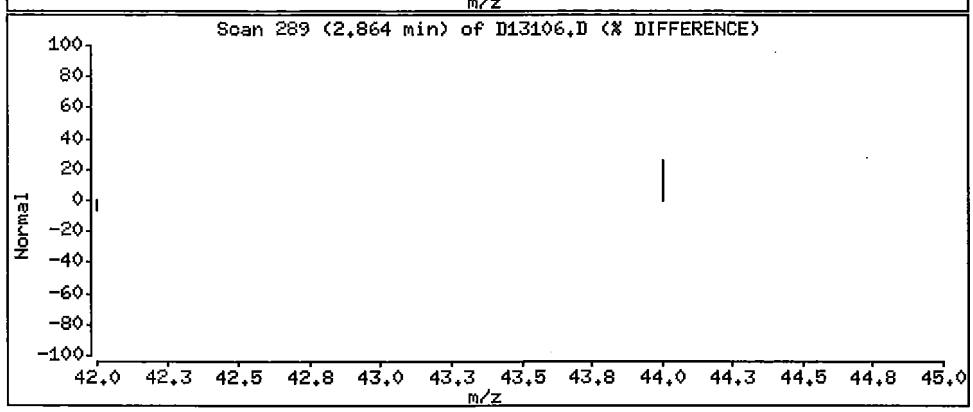
10 Acetone

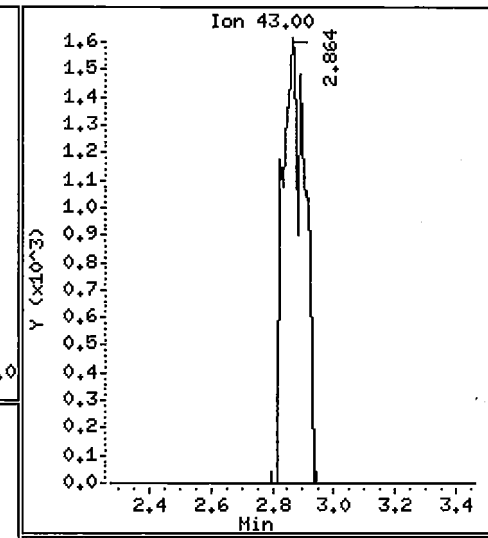
Concentration: 5.90 ug/Kg

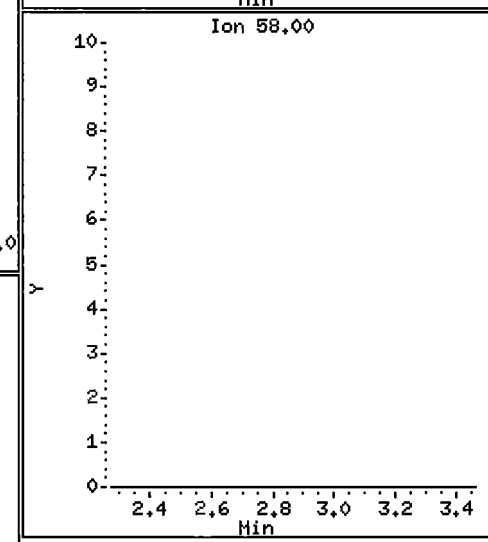












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13106.D

Date : 17-OCT-2000 04:36

Client ID: D13106

Instrument: md.i

Sample Info: DLJMR101,,2,,0,1,0,8260BDA.M,D13106

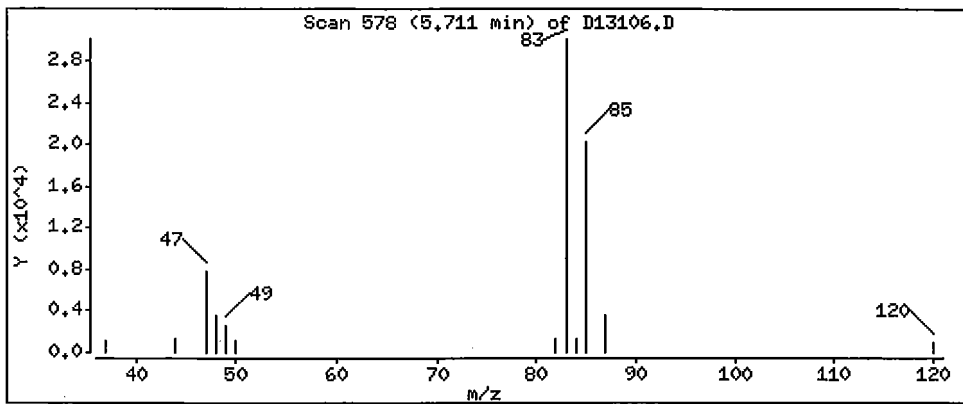
Operator: AD

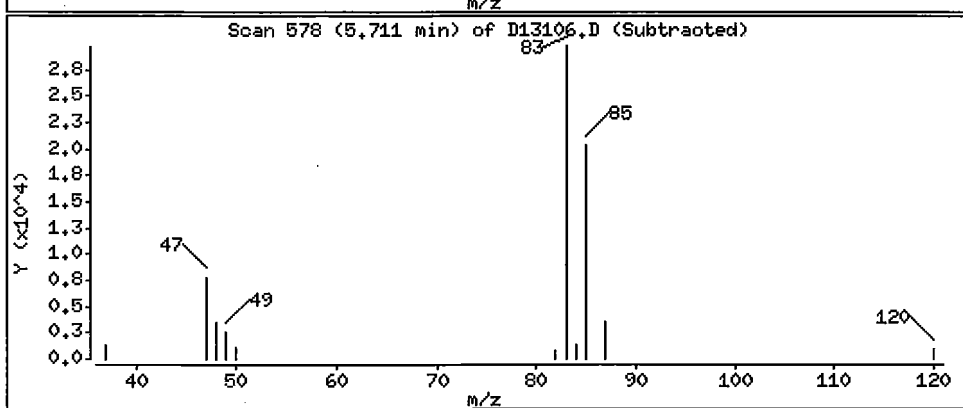
Column phase: J&W DB-624

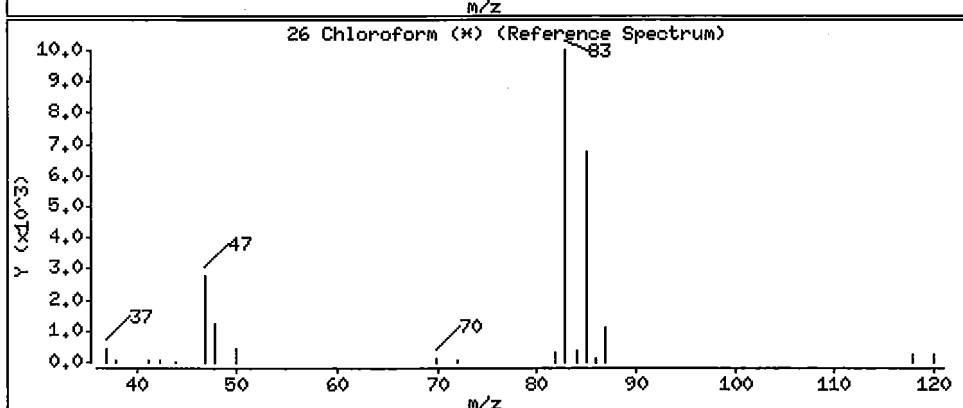
Column diameter: 0.53

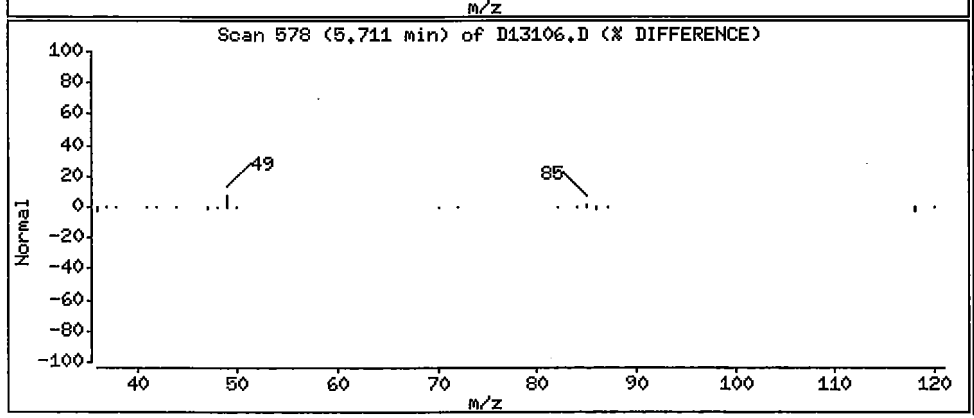
26 Chloroform (*)

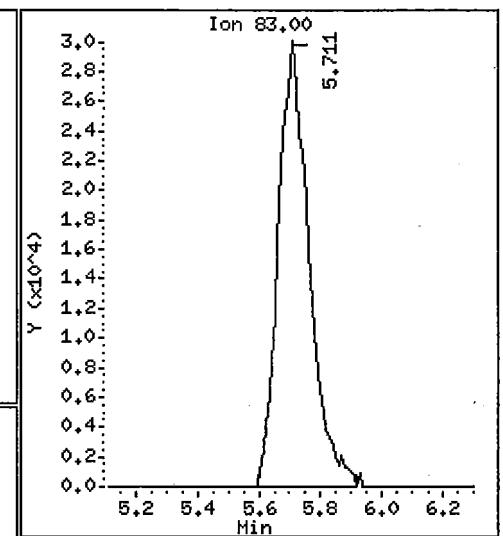
Concentration: 11.68 ug/Kg

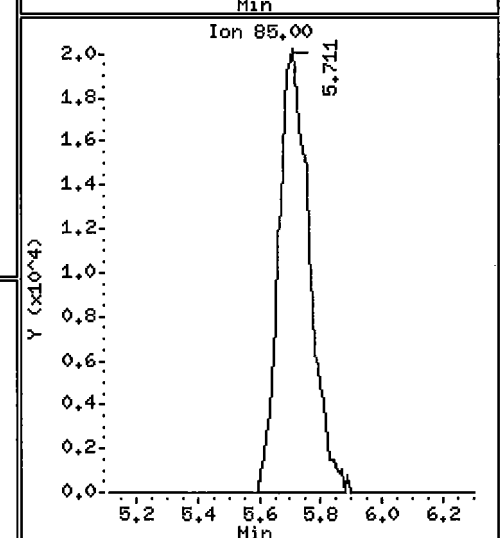


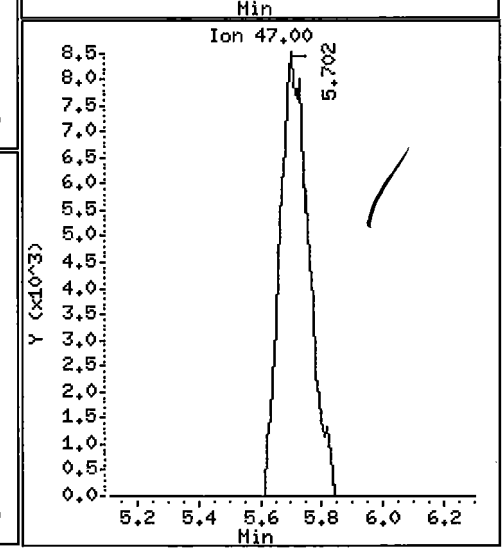












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13106.D

Date : 17-OCT-2000 04:36

Client ID: D13106

Instrument: md.i

Sample Info: DLJMR101,,2,,0,1,0,8260BDA,M,D13106

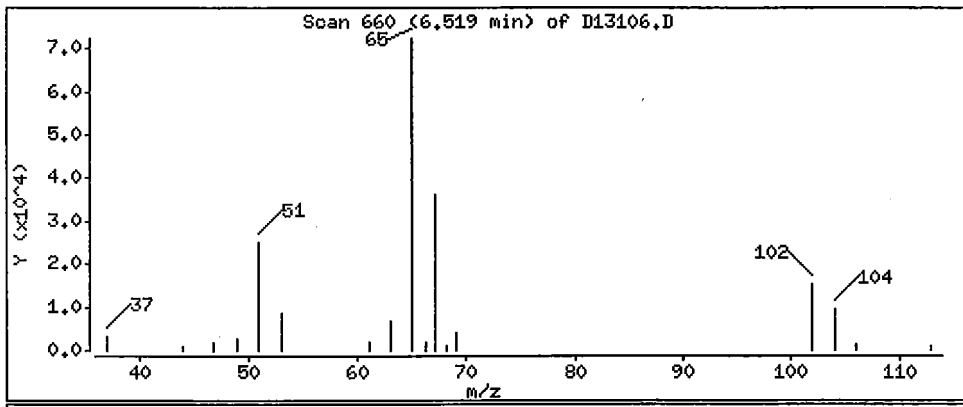
Operator: AD

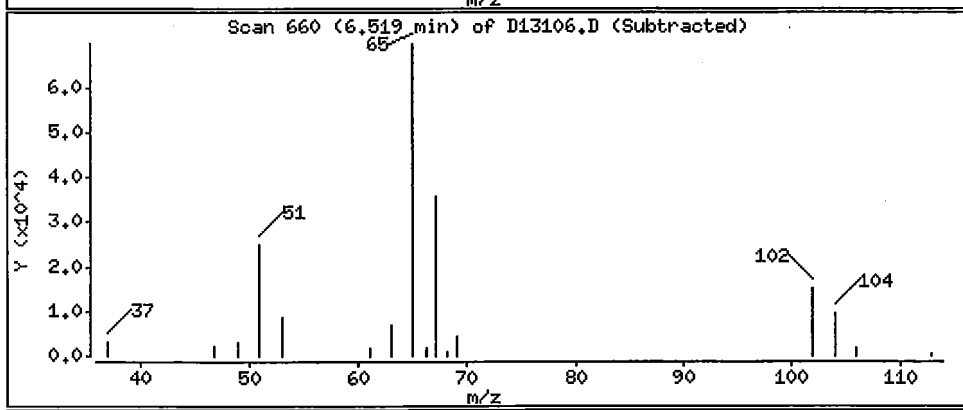
Column phase: J&W DB-624

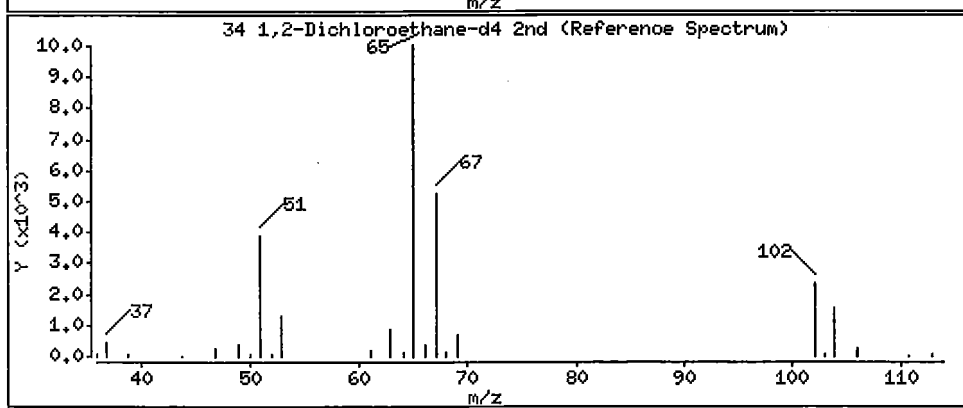
Column diameter: 0.53

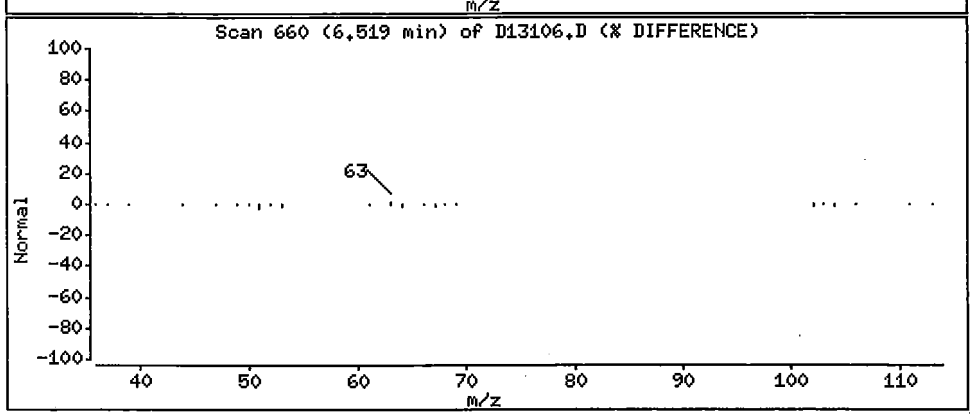
34 1,2-Dichloroethane-d4 2nd

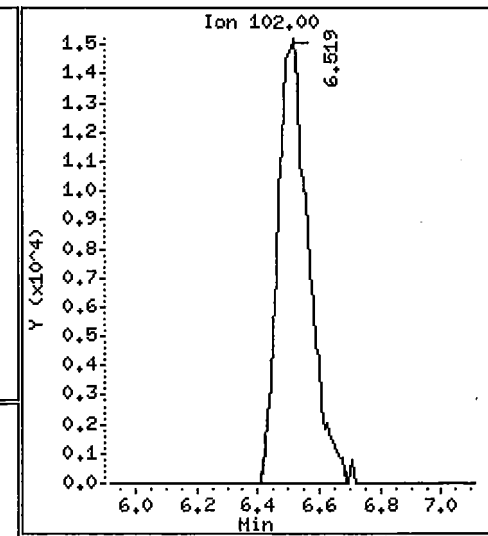
Concentration: 44.65 ug/Kg

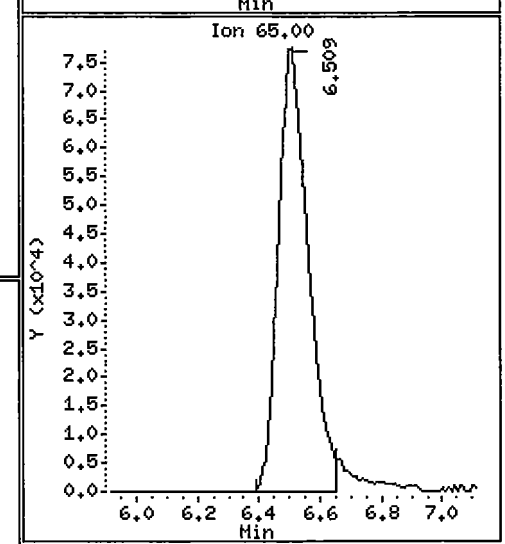












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13106.D

Date : 17-OCT-2000 04:36

Client ID: D13106

Instrument: md.i

Sample Info: DLJMR101,,2,,0,1,0,8260BDA.M,D13106

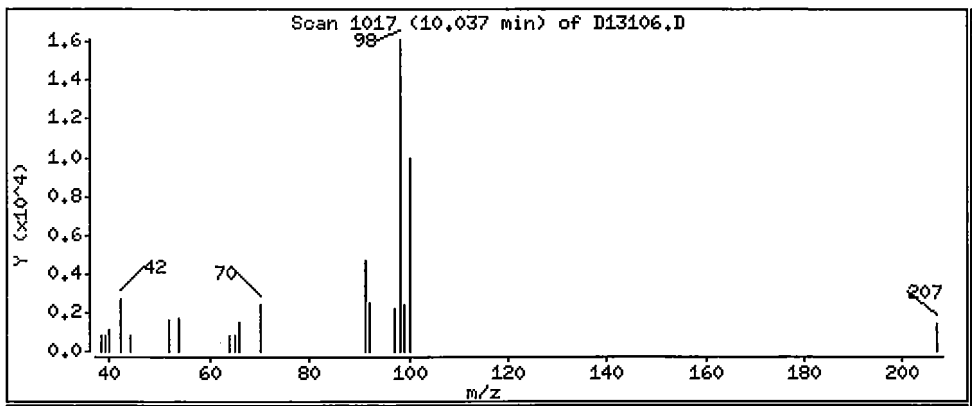
Operator: AD

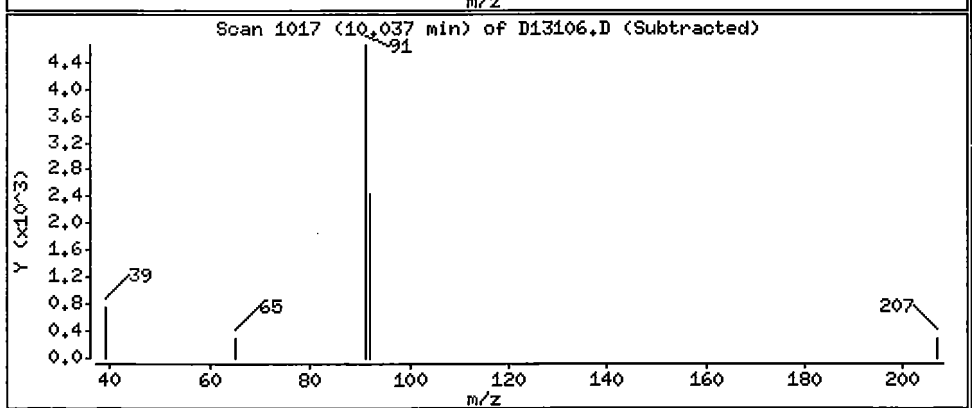
Column phase: J&W DB-624

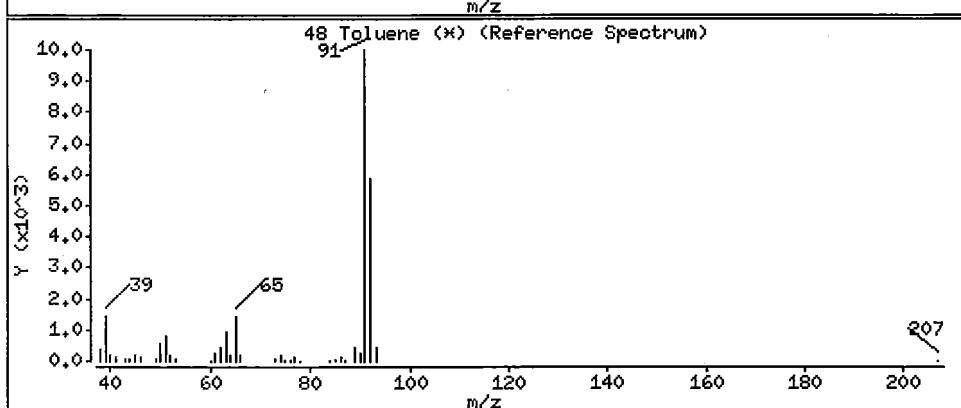
Column diameter: 0.53

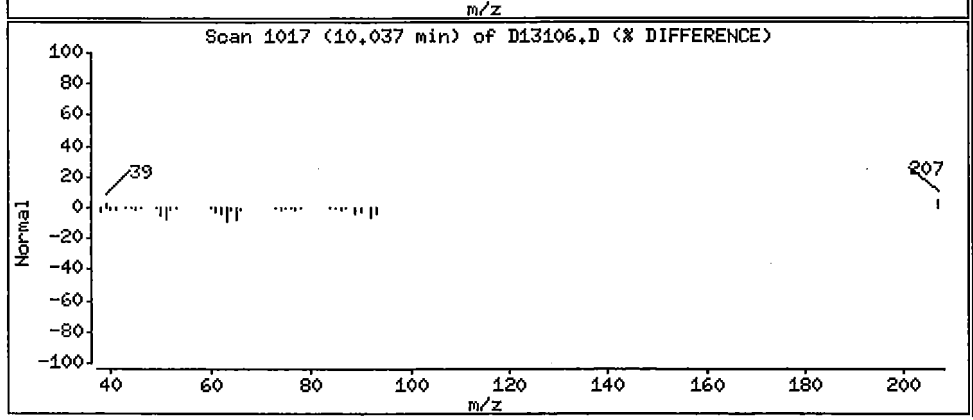
48 Toluene (*)

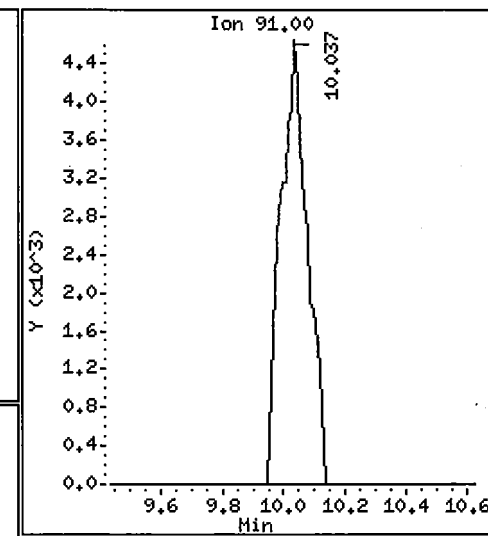
Concentration: 1.08 ug/Kg

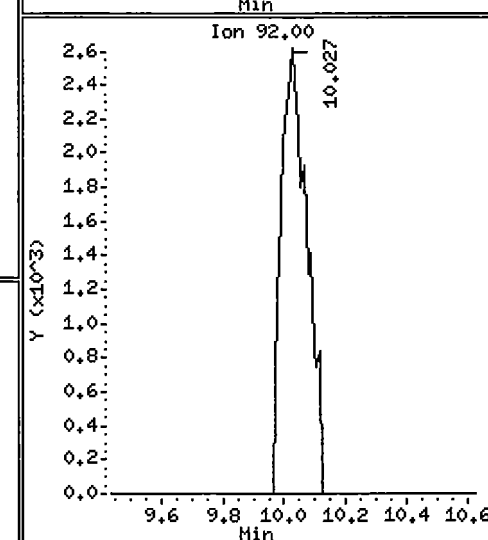


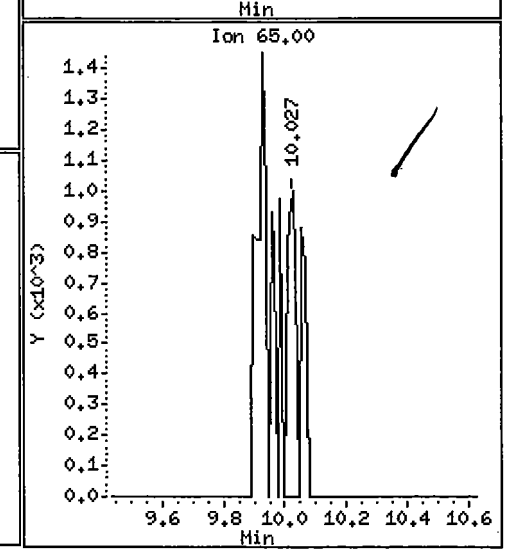












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13106.D

Date : 17-OCT-2000 04:36

Client ID: D13106

Instrument: md.i

Sample Info: DLJMR101,,2,,0,1,0,8260BDA.M,D13106

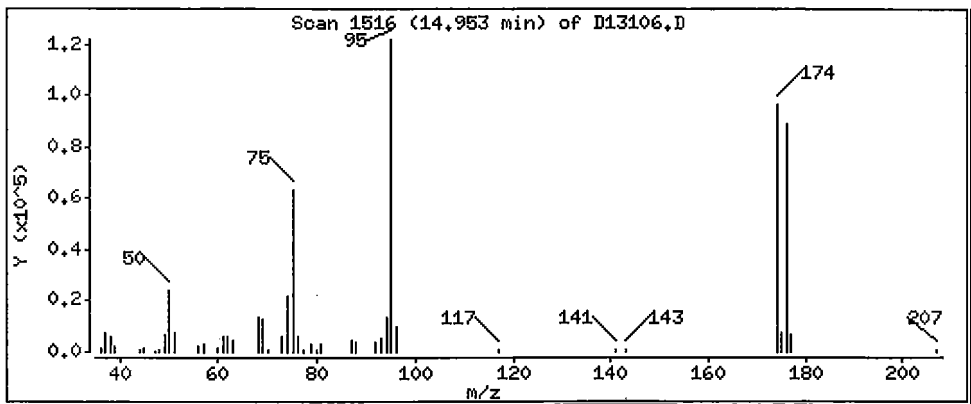
Operator: AD

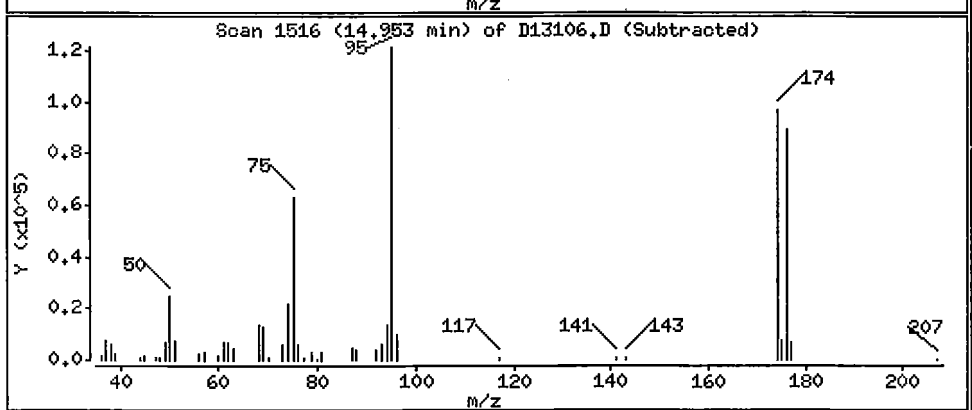
Column phase: J&W DB-624

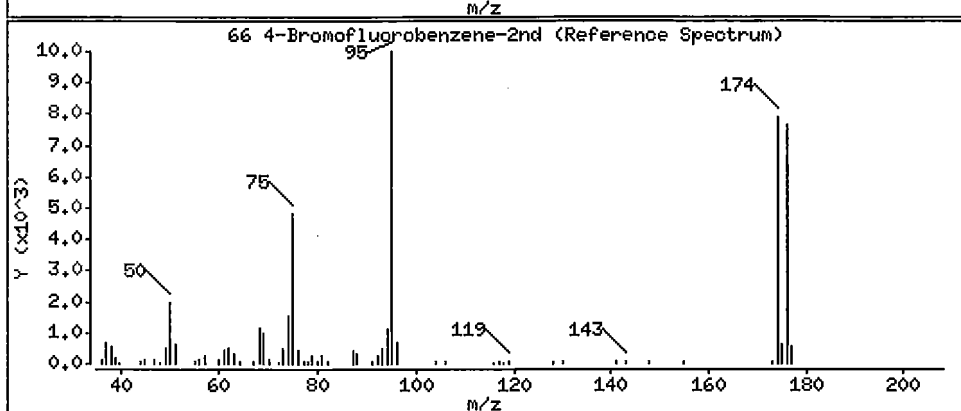
Column diameter: 0.53

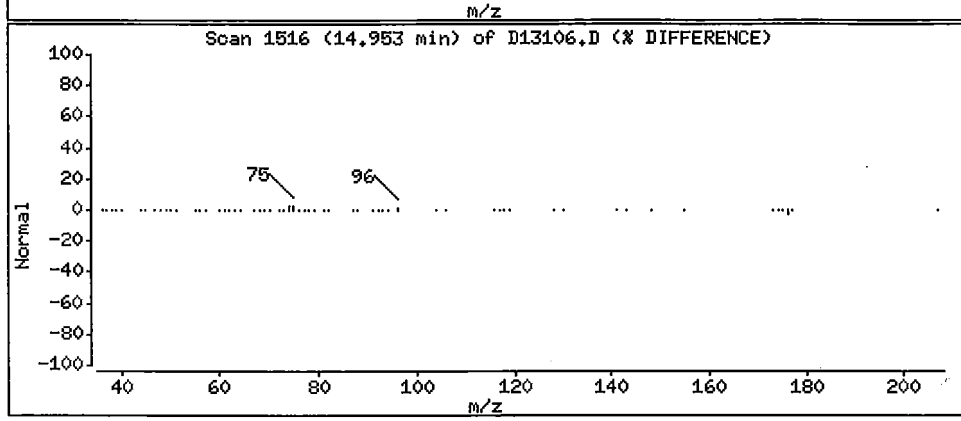
66 4-Bromofluorobenzene-2nd

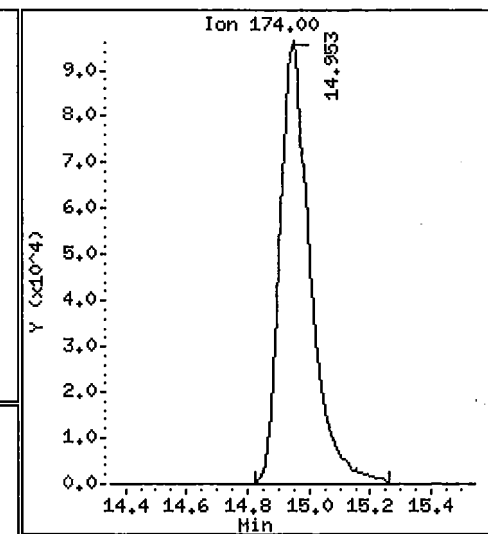
Concentration: 47.52 ug/Kg

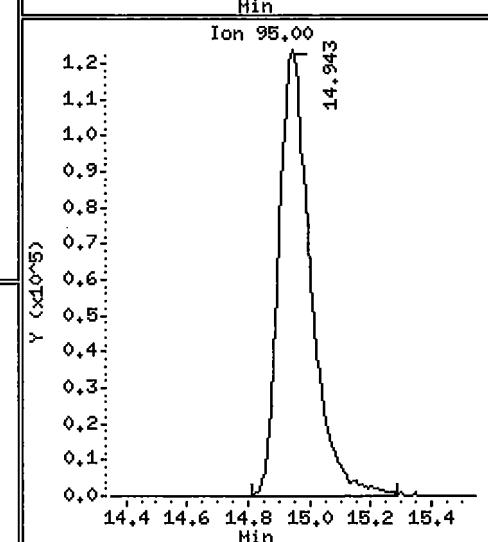


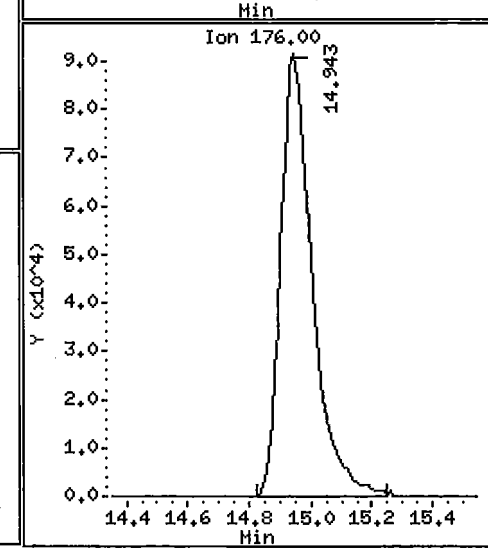












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13106.D

Date : 17-OCT-2000 04:36

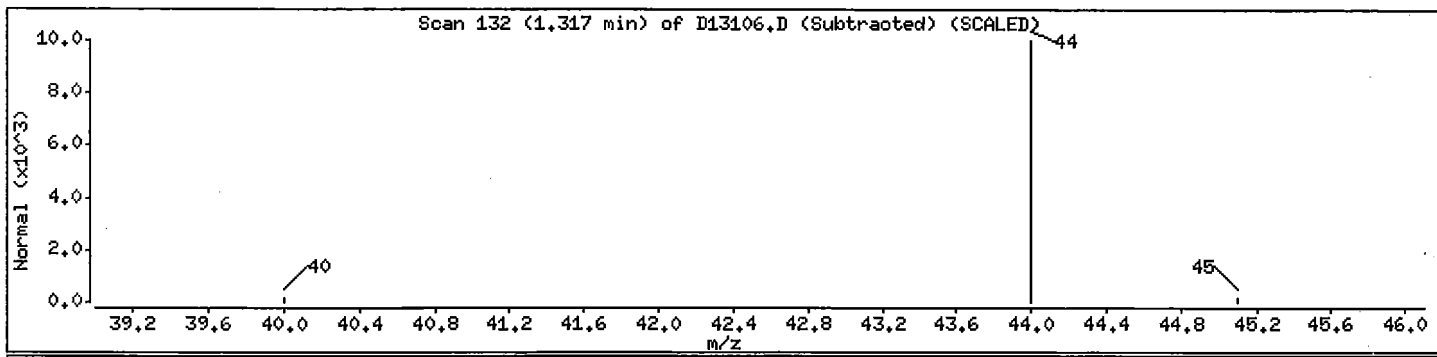
Client ID: D13106 Instrument: md.i

Sample Info: DLJMR101,,2,,0,1,0,8260BDA.M,D13106

Operator: AD

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

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13107.D
Lab Smp Id: DLJMT101 Client Smp ID: D13107
Inj Date : 17-OCT-2000 05:07
Operator : AD Inst ID: md.i
Smp Info : DLJMT101,,2,,0,1,0,8260BDA.M,D13107
Misc Info : E0J040325-12,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.976	5.982	(0.843)	849216	46.2728	46.27	
$ 33 1,2-Dichloroethane-d4	65	6.508	6.504	(0.918)	572952	46.2523	46.25	
34 1,2-Dichloroethane-d4 2nd	102	6.508	6.514	(0.918)	111356	44.5572	44.56	
* 38 Fluorobenzene	96	7.090	7.095	(1.000)	1290248	50.0000		
$ 47 Toluene-d8	98	9.917	9.913	(0.787)	1200430	45.4094	45.41	
* 56 Chlorobenzene-d5	117	12.607	12.593	(1.000)	1141948	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.942	14.947	(0.866)	743773	46.6103	46.61	
$ 67 4-Bromofluorobenzene	95	14.942	14.947	(0.866)	986081	46.2995	46.30	
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.253	(1.000)	801392	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\1016BD.B\D13107.D
Lab Smp Id: DLJMT101 Client Smp ID: D13107
Inj Date : 17-OCT-2000 05:07
Operator : AD Inst ID: md.i
Smp Info : DLJMT101,,2,,0,1,0,8260BDA.M,D13107
Misc Info : E0J040325-12,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	3021393	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	538130	8.90532156	8.90	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJMT101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13107
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

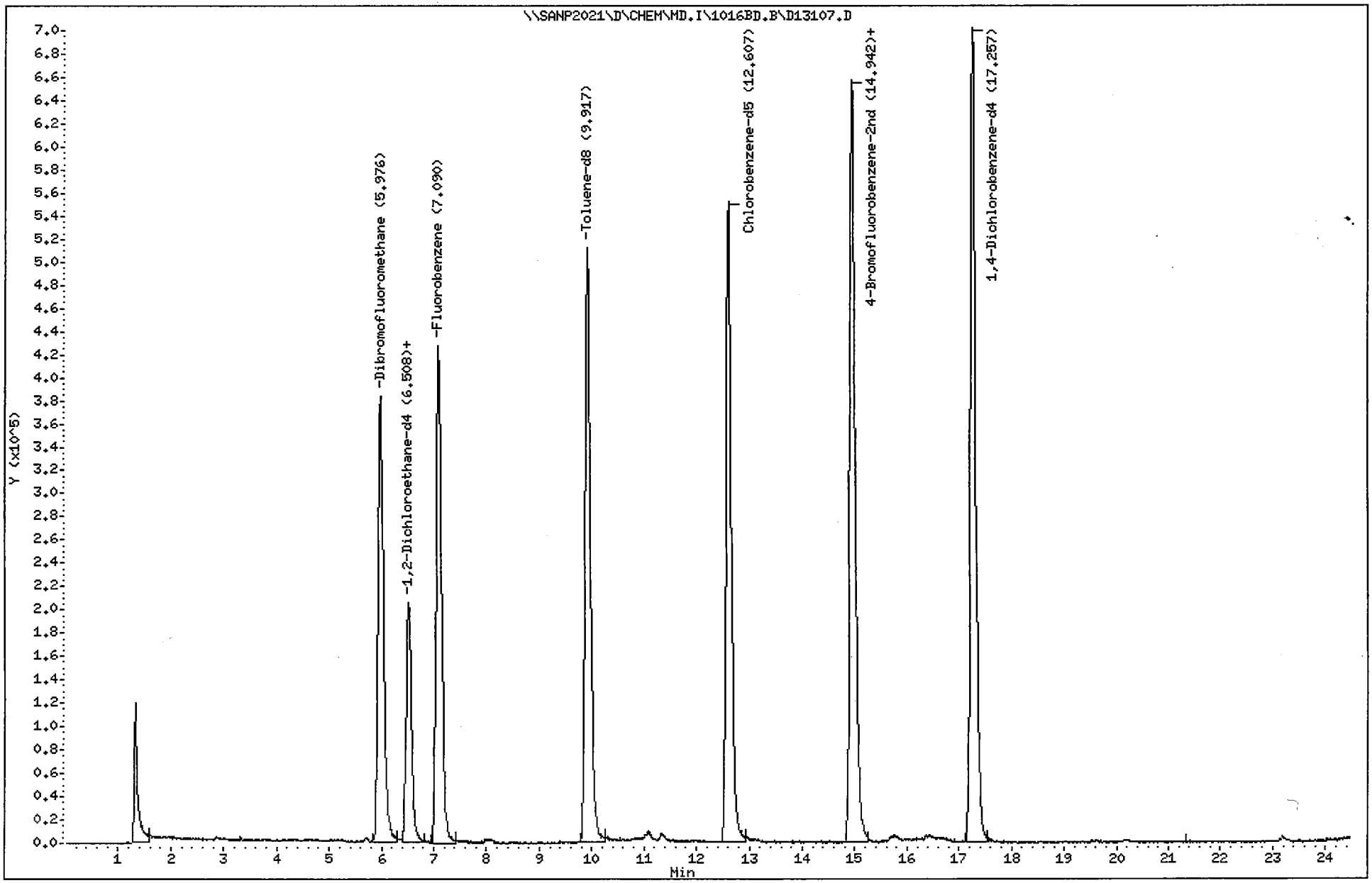
CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ ND	1.316	8.90	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13107.D
Date : 17-OCT-2000 05:07
Client ID: D13107
Sample Info: DLJMT101,,2,,0,1,0,8260BDA.M,D13107

Instrument: md.i

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



BOE-C6-0169810

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13107.D

Date : 17-OCT-2000 05:07

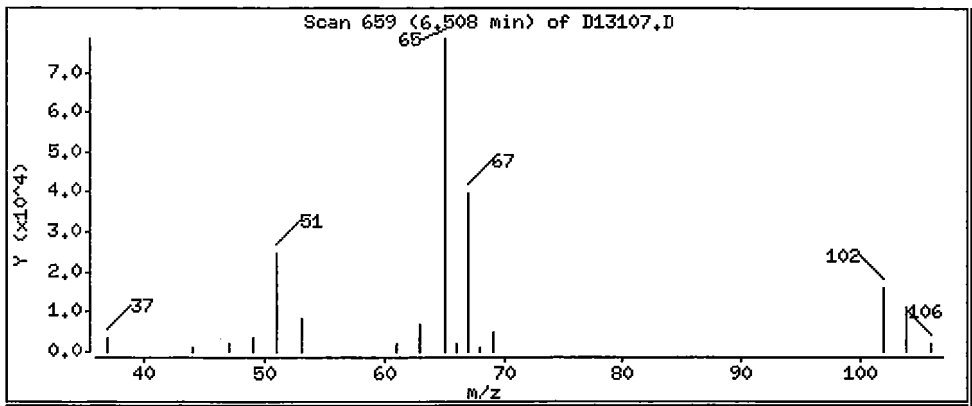
Client ID: D13107 Instrument: md.i

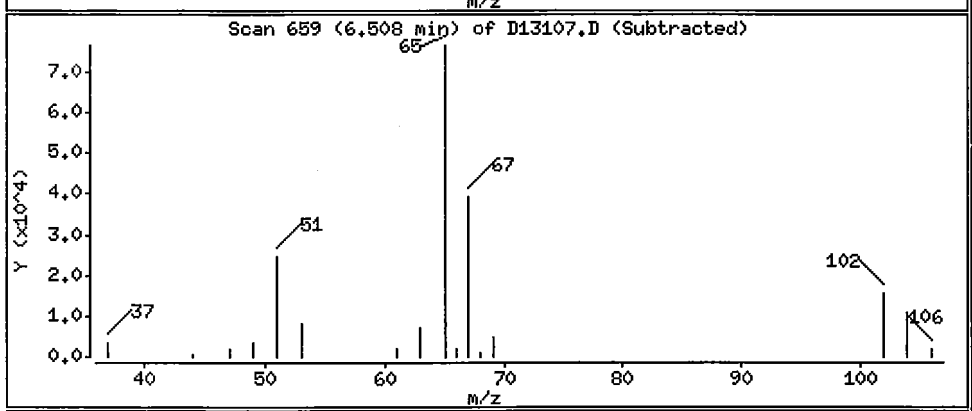
Sample Info: DLJMT101,,2,,0,1,0,8260BDA.M,D13107

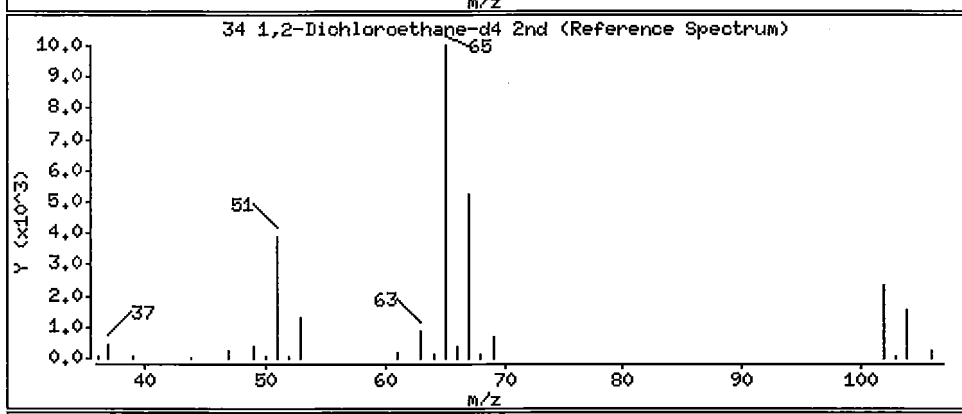
Operator: AD

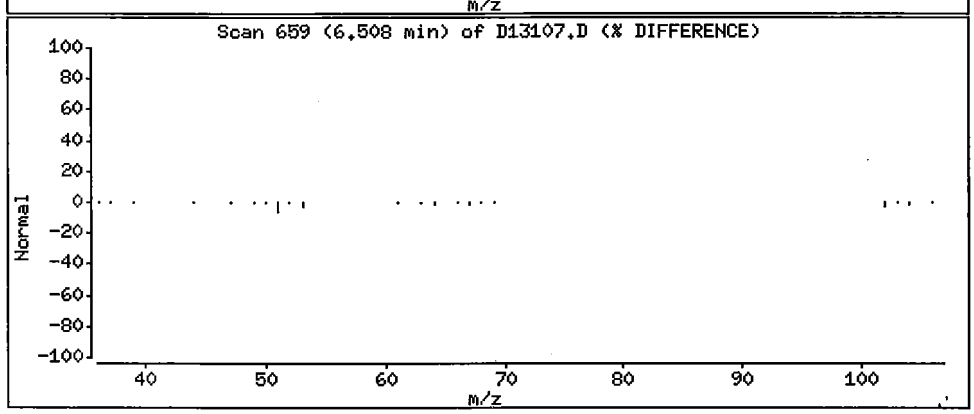
Column phase: J&W DB-624 Column diameter: 0.53

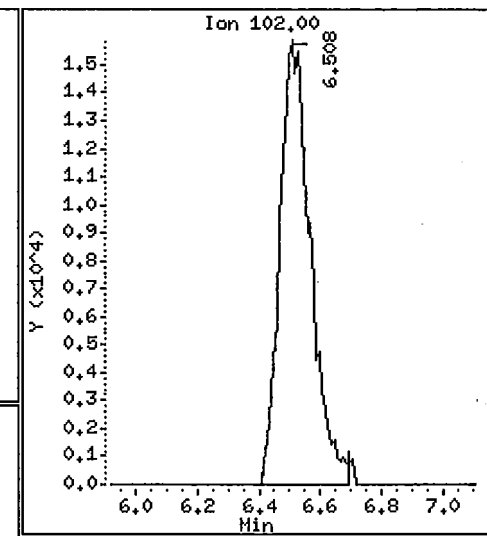
34 1,2-Dichloroethane-d4 2nd Concentration: 44.56 ug/Kg

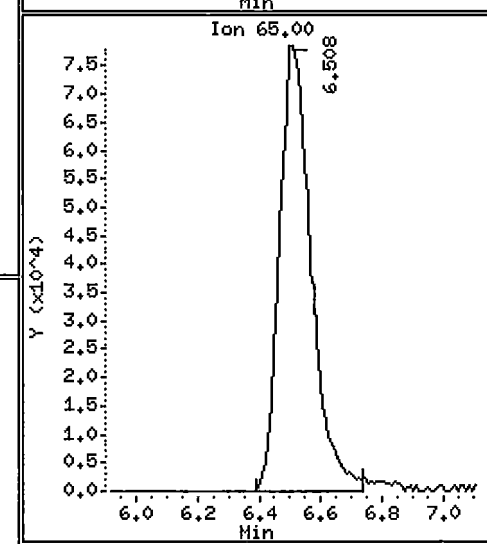












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13107.D

Date : 17-OCT-2000 05:07

Client ID: D13107

Instrument: md.i

Sample Info: DLJMT101,,2,,0,1,0,8260BDA.M,D13107

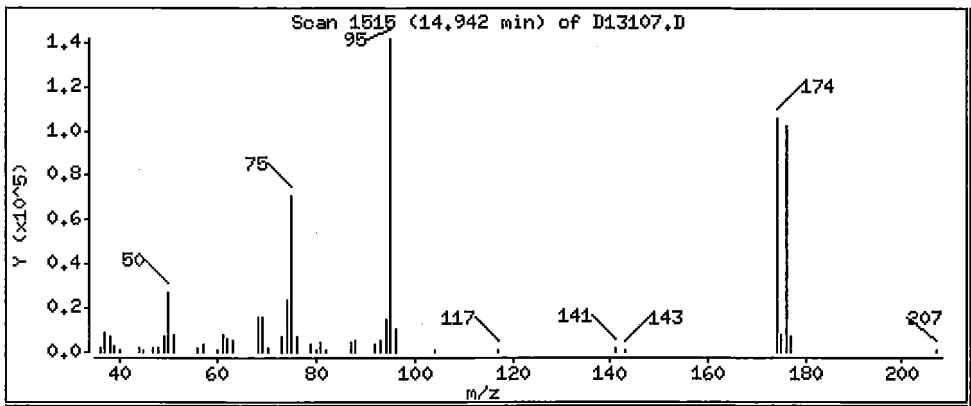
Operator: AD

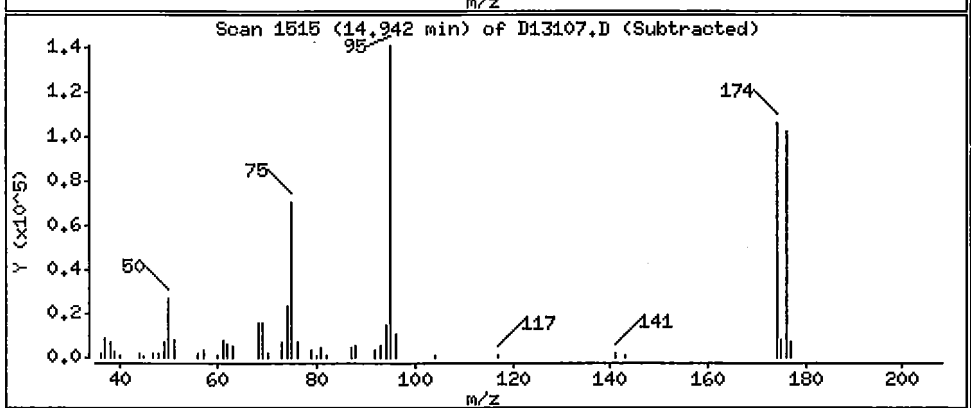
Column phase: J&W DB-624

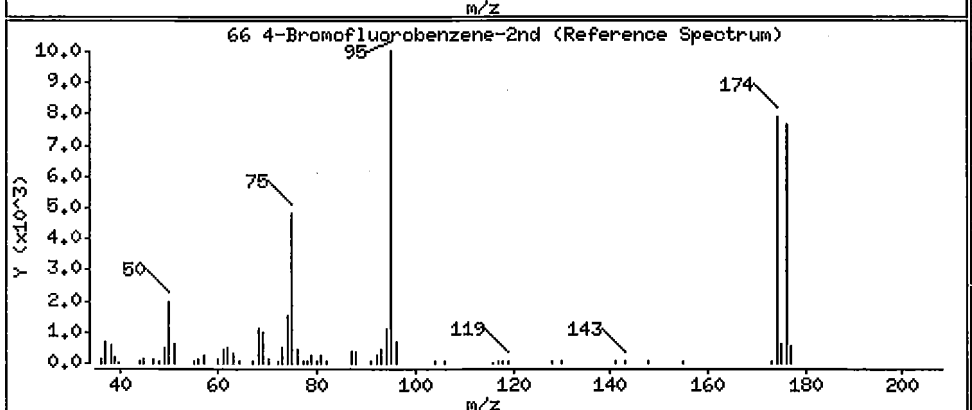
Column diameter: 0.53

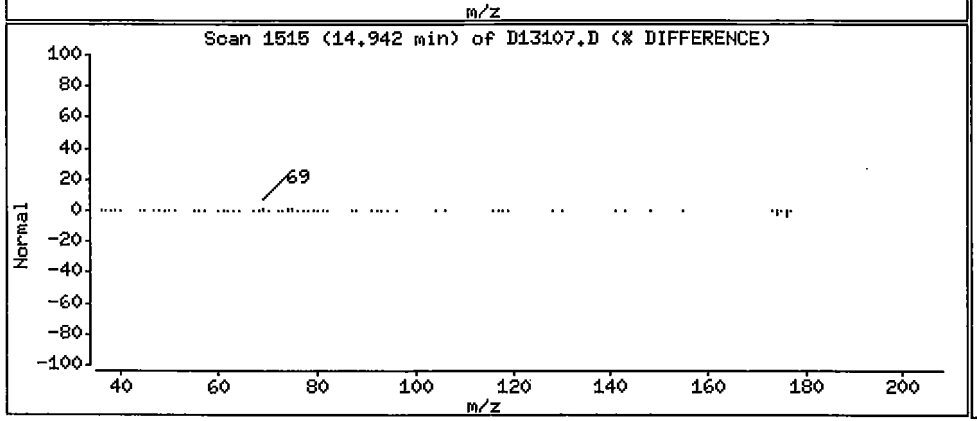
66 4-Bromofluorobenzene-2nd

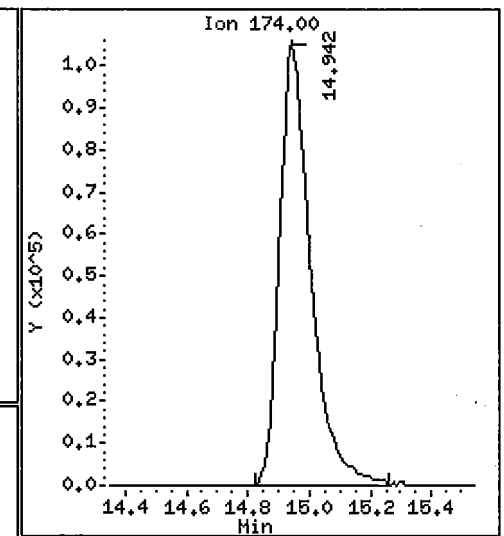
Concentration: 46.61 ug/Kg

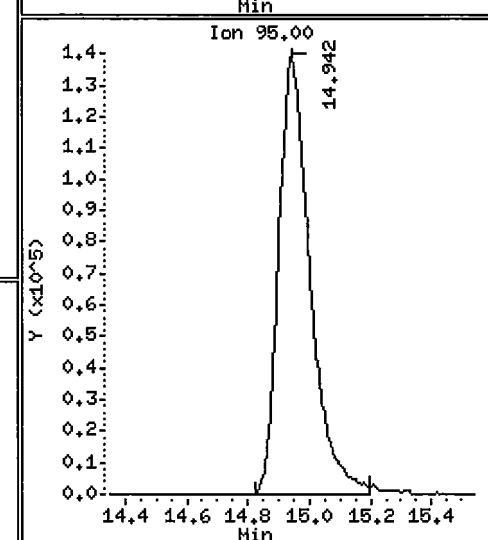


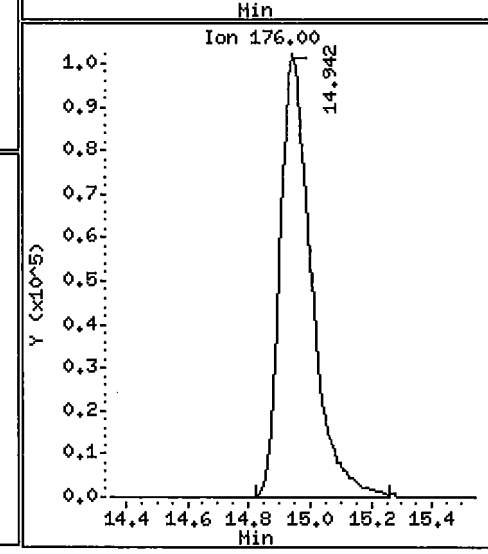












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13107.D

Date : 17-OCT-2000 05:07

Client ID: D13107

Instrument: md.i

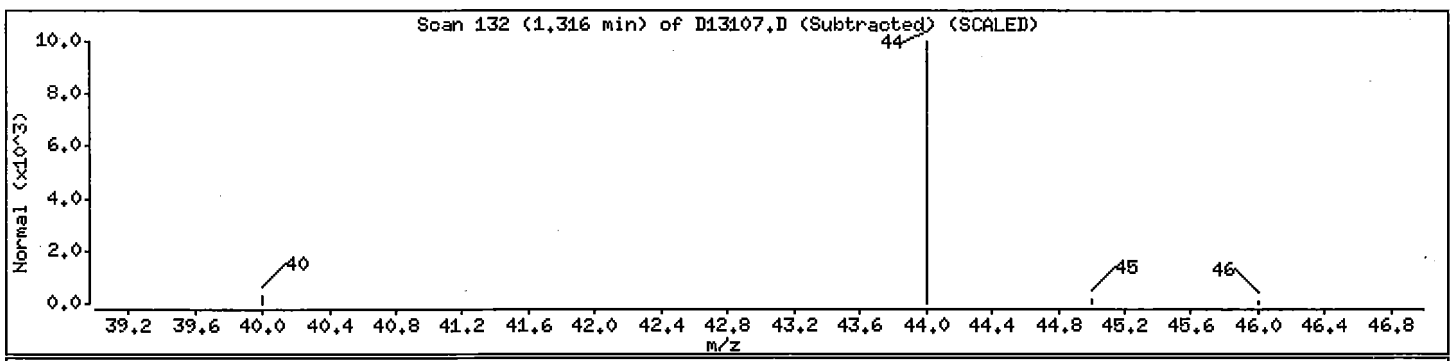
Sample Info: DLJMT101,,2,,0,1,0,8260BDA.M,D13107

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13108.D
Lab Smp Id: DLJN0101 Client Smp ID: D13108
Inj Date : 17-OCT-2000 05:39
Operator : AD Inst ID: md.i
Smp Info : DLJN0101,,2,,0,1,0,8260BDA.M,D13108
Misc Info : E0J040325-16,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
26 Chloroform (*)	83	5.716	5.706	(0.808)	61283	3.38149	3.38(a)
$ 29 Dibromofluoromethane	111	5.973	5.982	(0.844)	829491	47.1301	47.13
$ 33 1,2-Dichloroethane-d4	65	6.514	6.504	(0.921)	559511	47.0980	47.10
34 1,2-Dichloroethane-d4 2nd	102	6.495	6.514	(0.918)	107494	44.8505	44.85
* 38 Fluorobenzene	96	7.076	7.095	(1.000)	1237356	50.0000	
$ 47 Toluene-d8	98	9.913	9.913	(0.787)	1146249	45.2917	45.29
* 56 Chlorobenzene-d5	117	12.603	12.593	(1.000)	1093238	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.938	14.947	(0.865)	669282	47.6622	47.66
$ 67 4-Bromofluorobenzene	95	14.938	14.947	(0.865)	903011	48.1815	48.18
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.253	(1.000)	705215	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\1016BD.B\D13108.D
Lab Smp Id: DLJN0101 Client Smp ID: D13108
Inj Date : 17-OCT-2000 05:39
Operator : AD Inst ID: md.i
Smp Info : DLJN0101,,2,,0,1,0,8260BDA.M,D13108
Misc Info : E0J040325-16,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.076	2910871	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.312	635045	10.9081520	10.91	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJN0101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13108
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

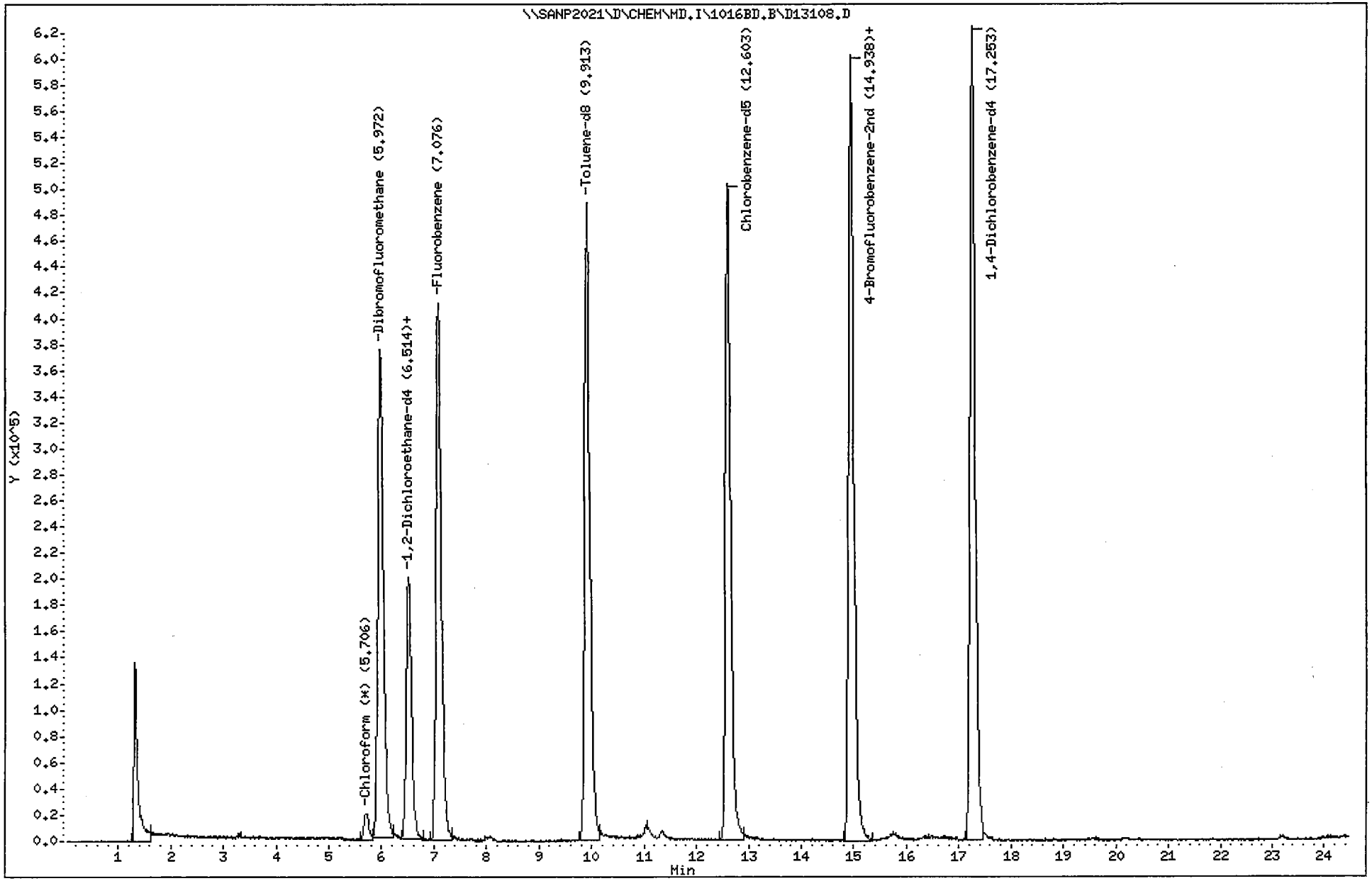
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ MJ	1.312	10.91	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13108.D
Date : 17-OCT-2000 05:39
Client ID: D13108
Sample Info: DLJN0101,,2,,0,1,0,8260BDA.M,D13108

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



BOE-C6-0169818

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13108.D

Date : 17-OCT-2000 05:39

Client ID: D13108

Instrument: md.i

Sample Info: DLJN0101,,2,,0,1,0,8260BDA.M,D13108

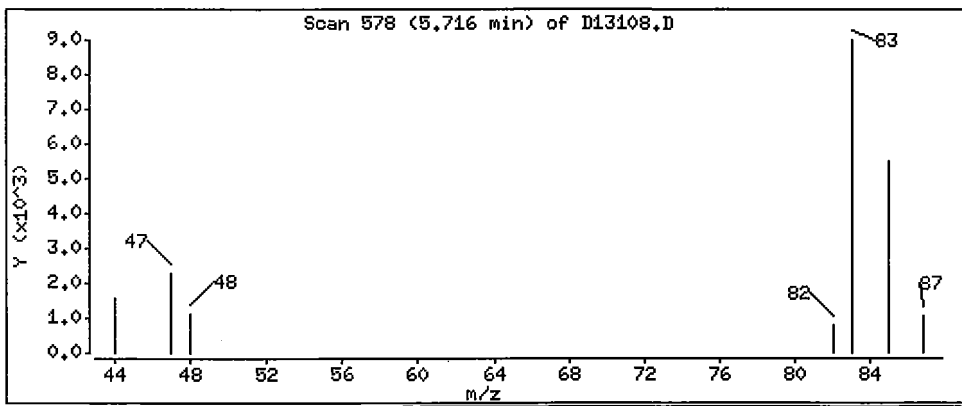
Operator: AD

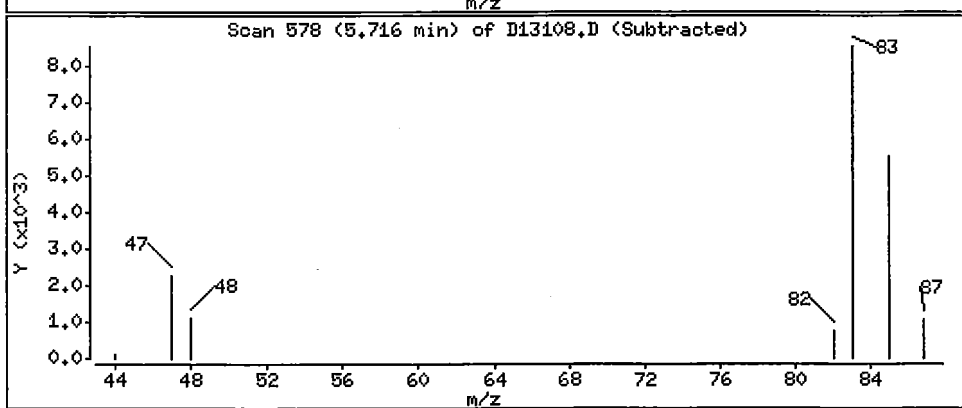
Column phase: J&W DB-624

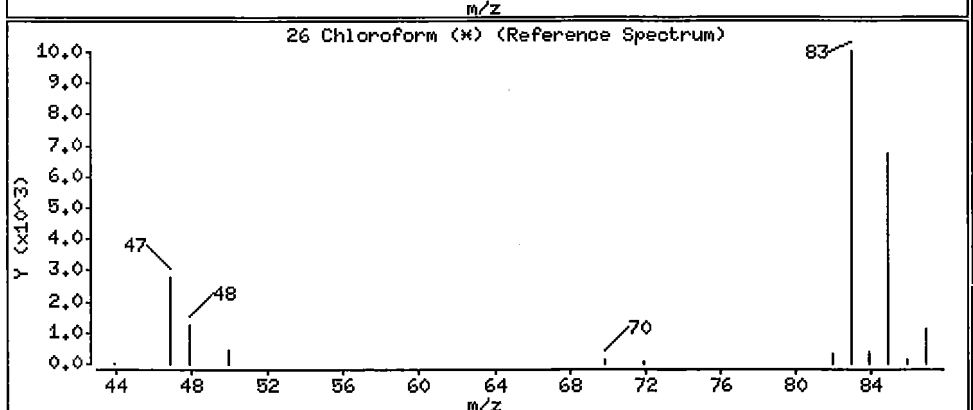
Column diameter: 0.53

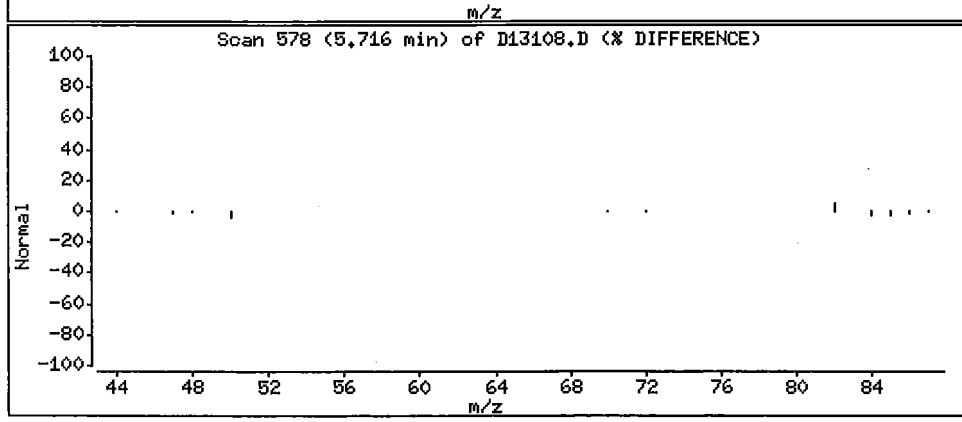
26 Chloroform (*)

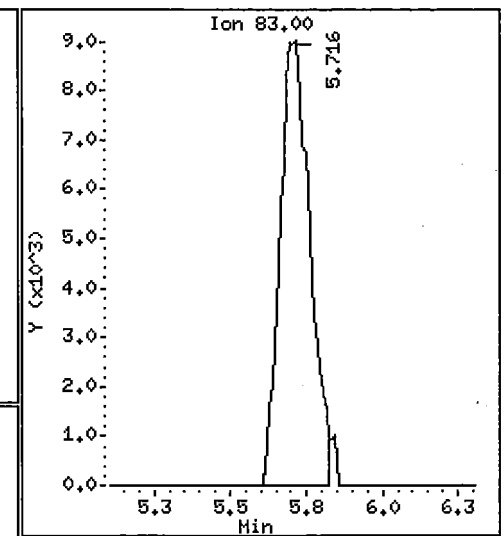
Concentration: 3.38 ug/Kg

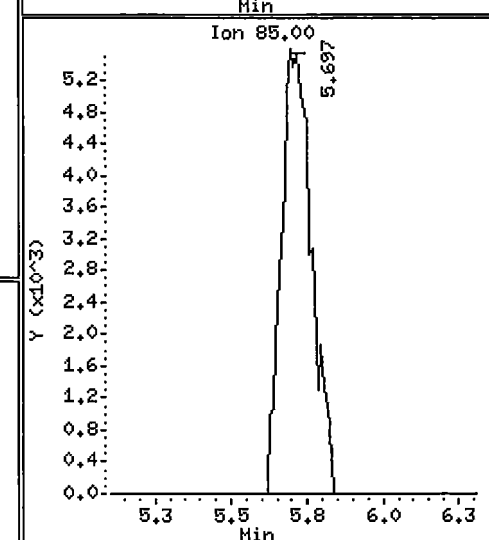


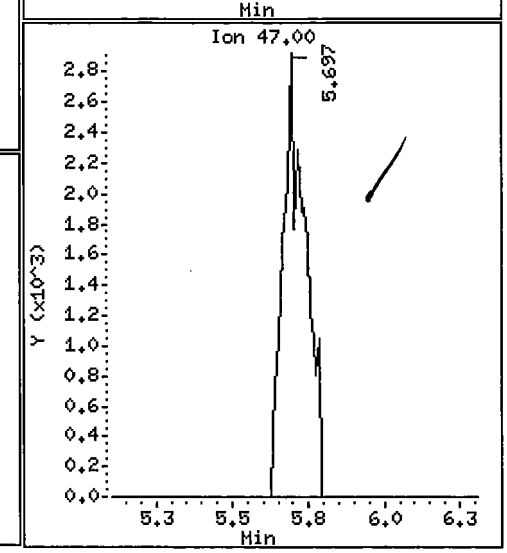












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13108.D

Date : 17-OCT-2000 05:39

Client ID: D13108

Instrument: md.i

Sample Info: DLJN0101,,2,,0,1,0,8260BDA.M,D13108

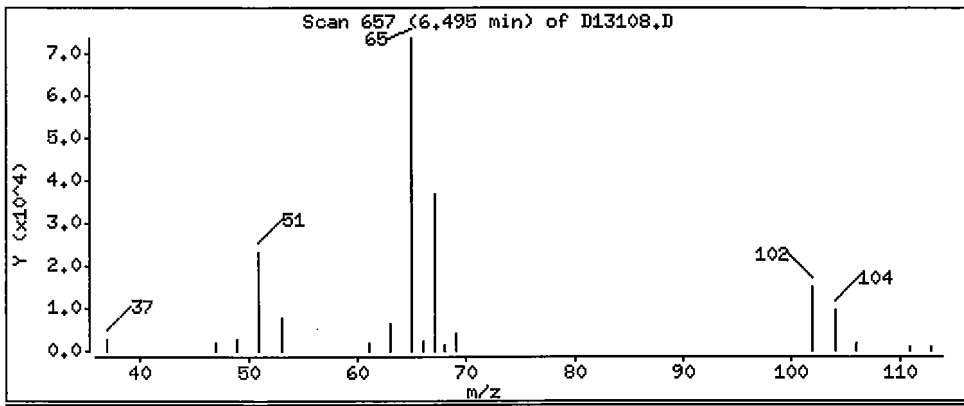
Operator: AD

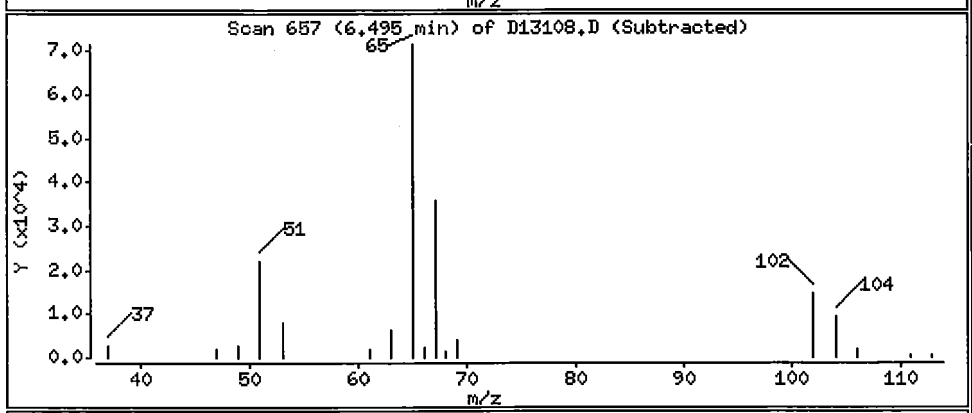
Column phase: J&W DB-624

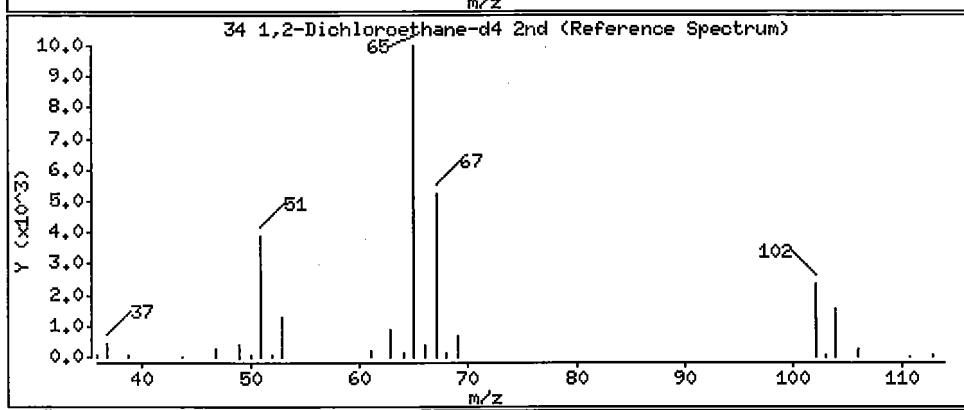
Column diameter: 0.53

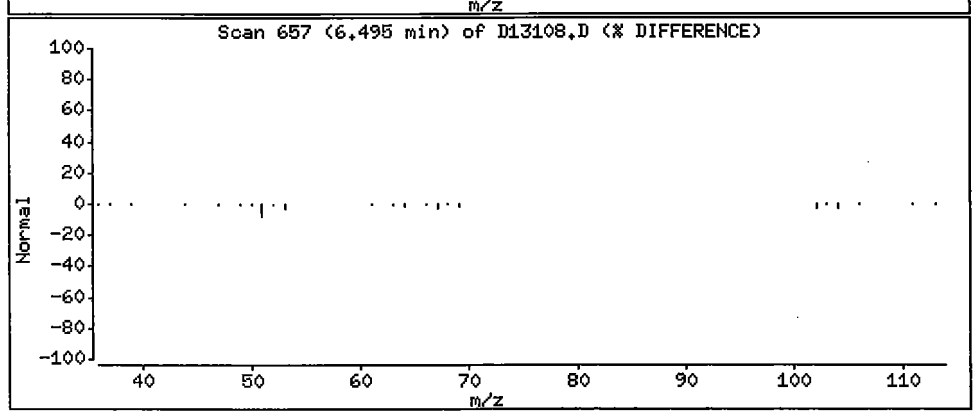
34 1,2-Dichloroethane-d4 2nd

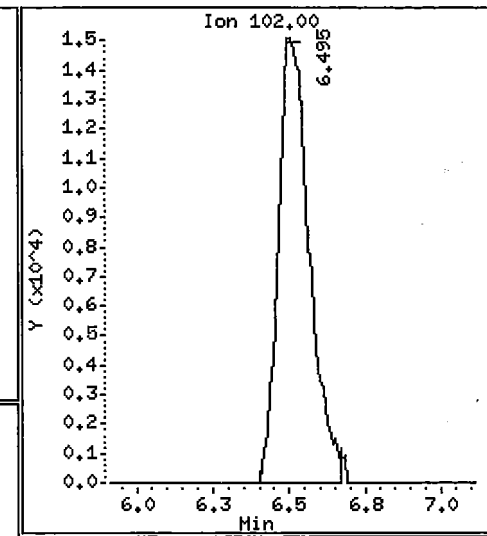
Concentration: 44.85 ug/Kg

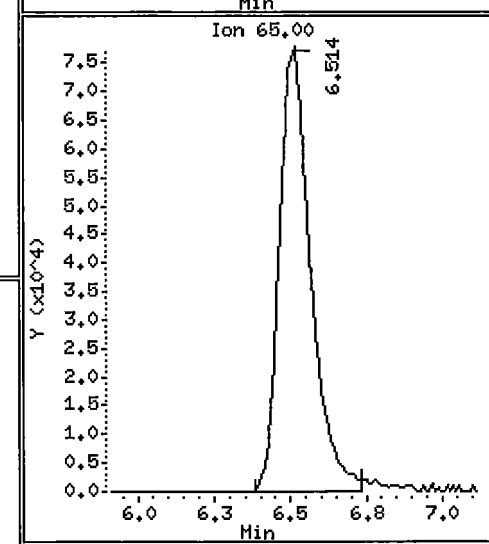












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13108.D

Date : 17-OCT-2000 05:39

Client ID: D13108

Instrument: md.i

Sample Info: DLJN0101,,2,,0,1,0,8260BDA.M,D13108

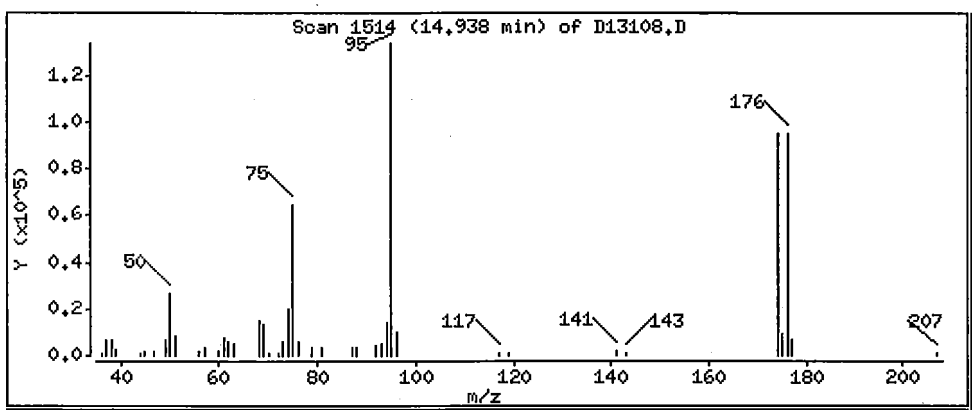
Operator: AD

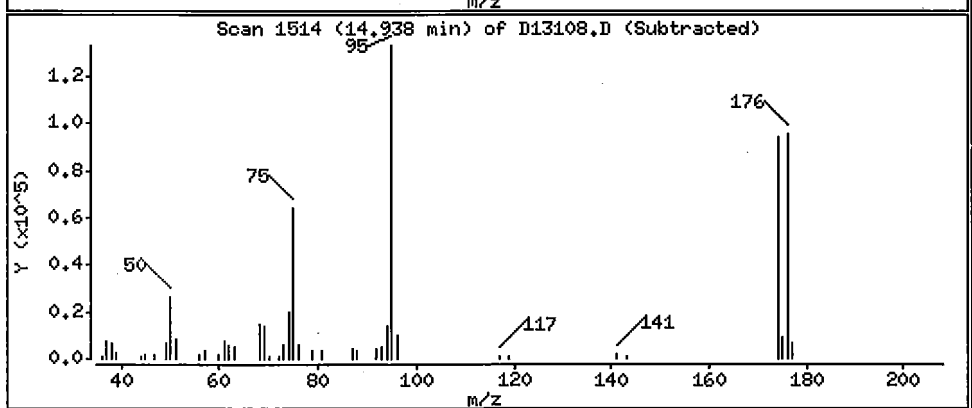
Column phase: J&W DB-624

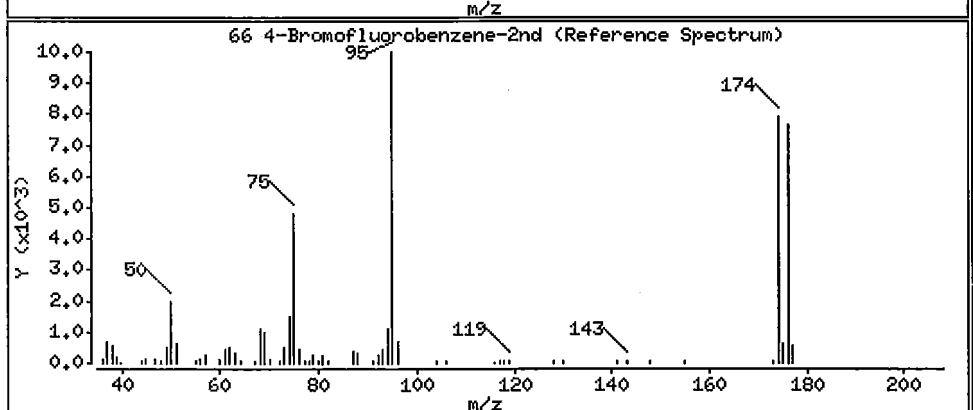
Column diameter: 0.53

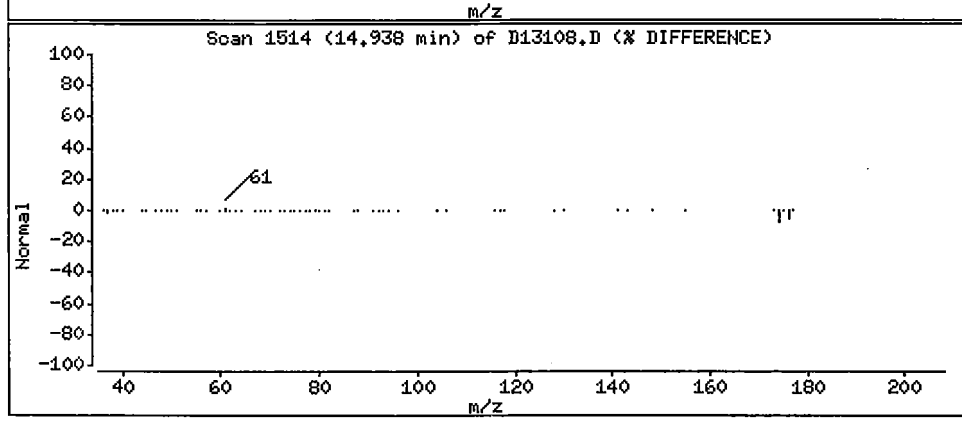
66 4-Bromofluorobenzene-2nd

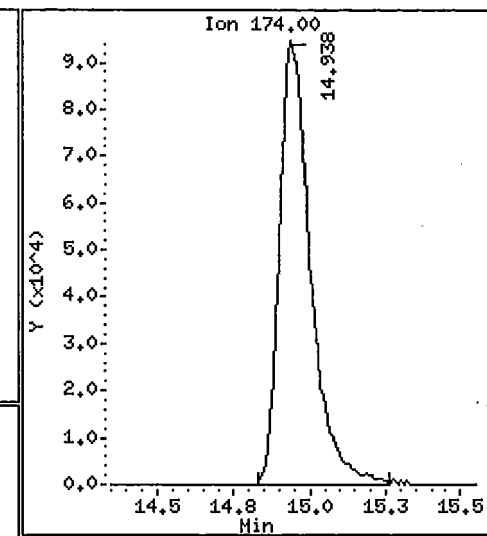
Concentration: 47.66 ug/Kg

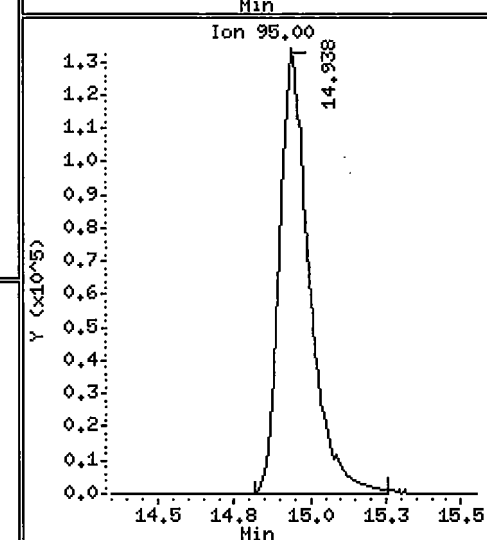


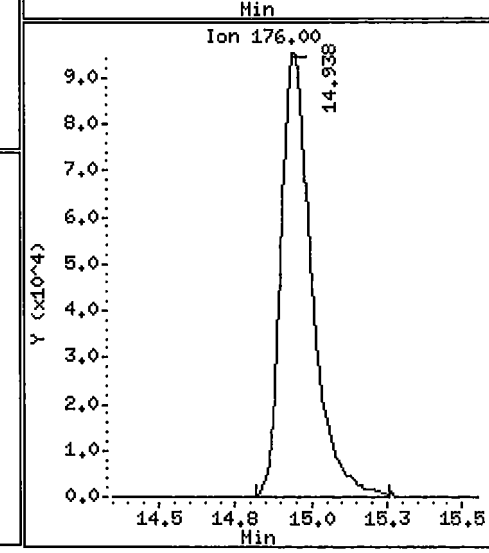












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13108.D

Date : 17-OCT-2000 05:39

Client ID: D13108

Instrument: md.i

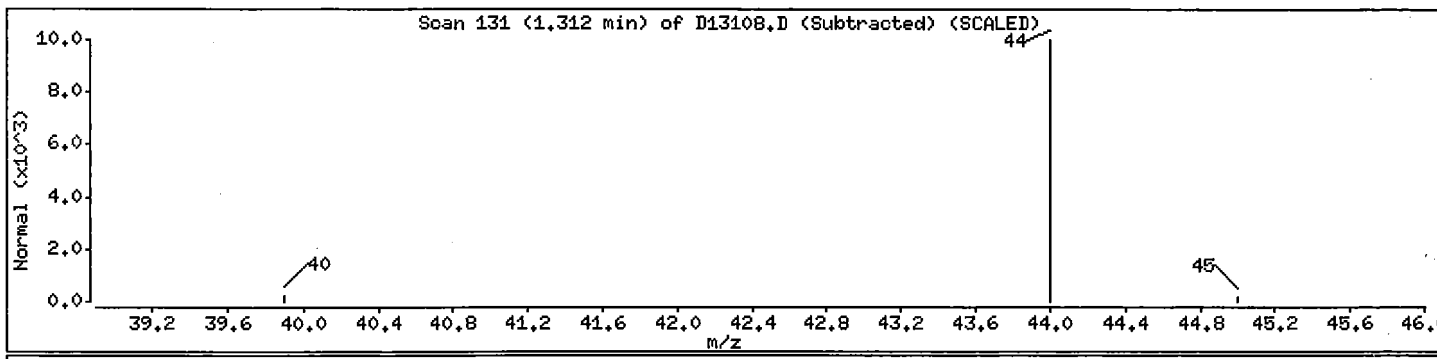
Sample Info: DLJN0101,,2,,0,1,0,8260BDA.M,D13108

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13109.D
Lab Smp Id: DLJN1101 Client Smp ID: D13109
Inj Date : 17-OCT-2000 06:11
Operator : AD Inst ID: md.i
Smp Info : DLJN1101,,2,,0,1,0,8260BDA.M,D13109
Misc Info : E0J040325-17,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.968	5.982	(0.843)	828873	46.4065	46.41	
$ 33 1,2-Dichloroethane-d4	65	6.510	6.504	(0.919)	557950	46.2800	46.28	
34 1,2-Dichloroethane-d4 2nd	102	6.510	6.514	(0.919)	104640	43.0218	43.02	
* 38 Fluorobenzene	96	7.082	7.095	(1.000)	1255712	50.0000		
$ 47 Toluene-d8	98	9.919	9.913	(0.787)	1181348	44.5919	44.59	
* 56 Chlorobenzene-d5	117	12.609	12.593	(1.000)	1144397	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.944	14.947	(0.866)	752428	46.5146	46.51	
$ 67 4-Bromofluorobenzene	95	14.934	14.947	(0.865)	987231	45.7262	45.73	
* 79 1,4-Dichlorobenzene-d4	152	17.259	17.253	(1.000)	812385	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\1016BD.B\D13109.D
Lab Smp Id: DLJN1101 Client Smp ID: D13109
Inj Date : 17-OCT-2000 06:11
Operator : AD Inst ID: md.i
Smp Info : DLJN1101,,2,,0,1,0,8260BDA.M,D13109
Misc Info : E0J040325-17,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.082	2941570	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	622322	10.5780629	10.58	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJN1101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13109
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

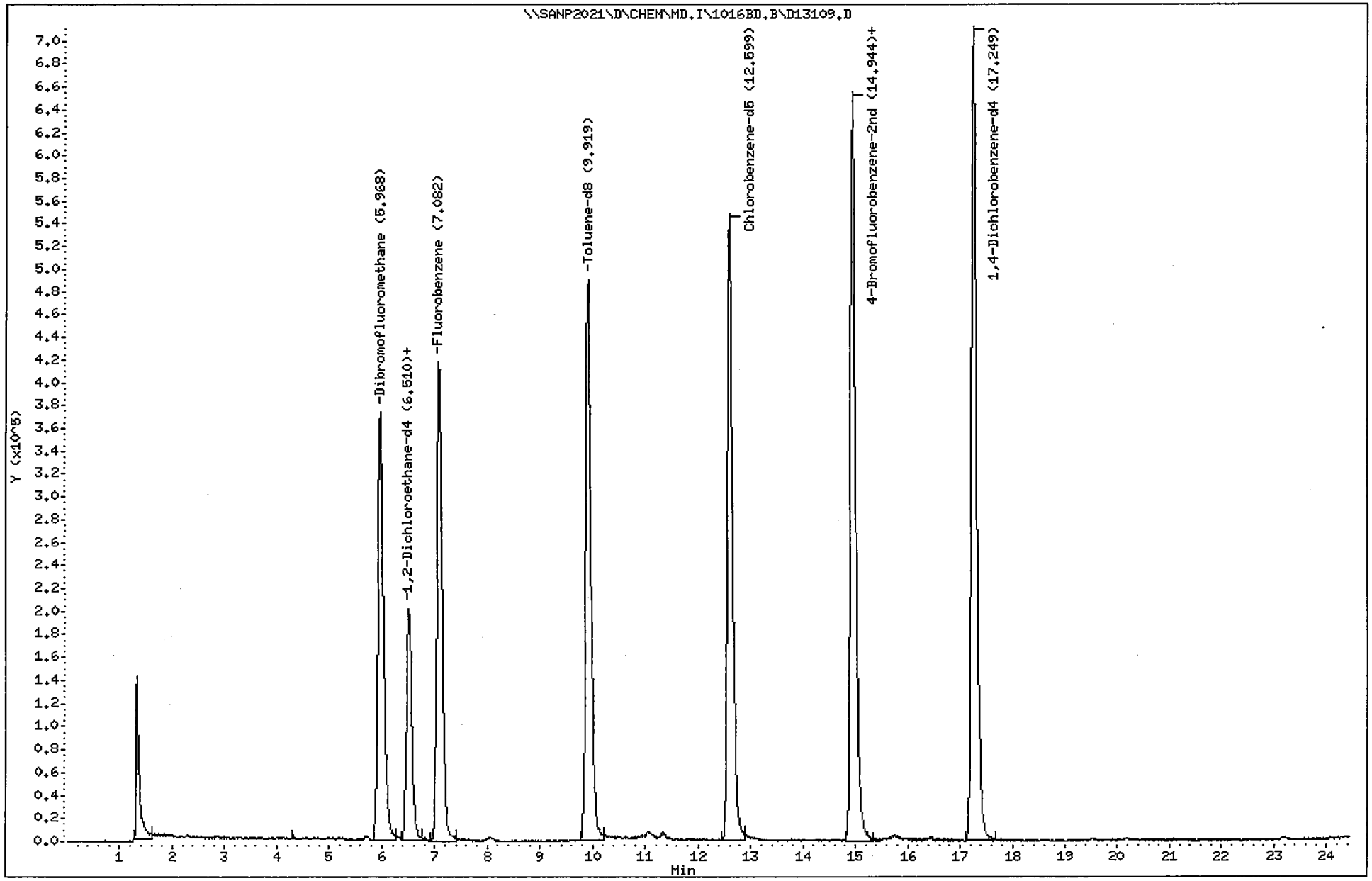
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.318	10.58	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13109.D
Date : 17-OCT-2000 06:11
Client ID: D13109
Sample Info: DLJN1101,,2,,0,1,0,8260BDA.M,D13109

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



BOE-C6-0169826

000541

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13109.D

Date : 17-OCT-2000 06:11

Client ID: D13109

Instrument: md.i

Sample Info: DLJN1101,,2,,0,1,0,8260BDA.M,D13109

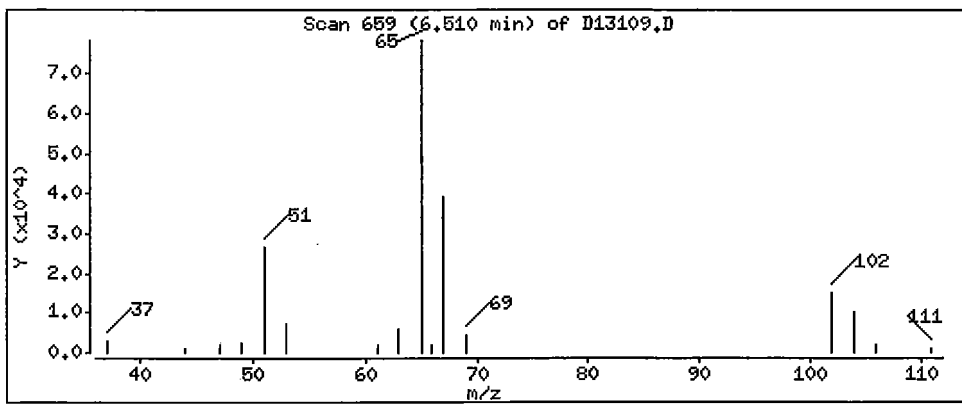
Operator: AD

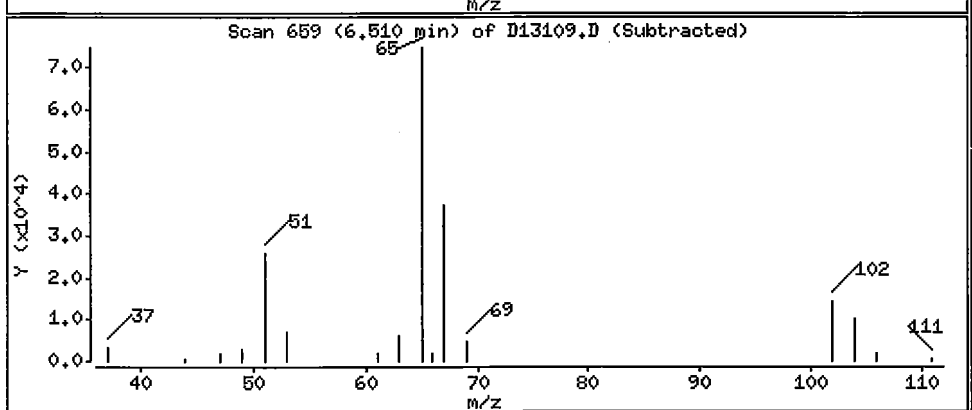
Column phase: J&W DB-624

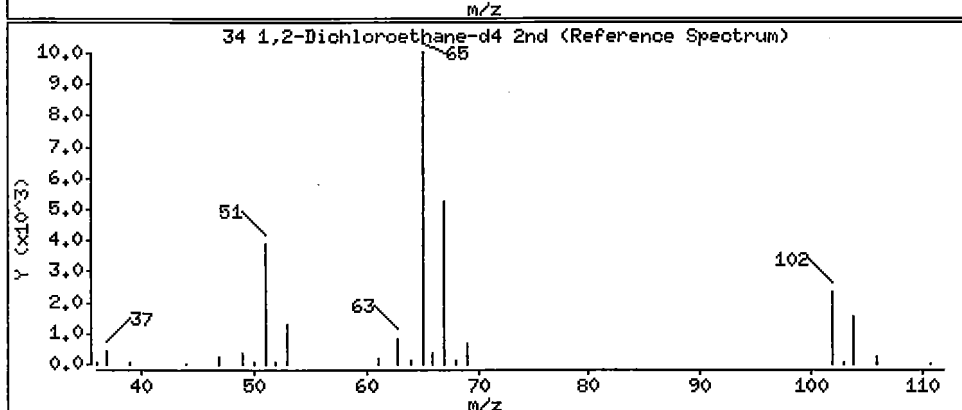
Column diameter: 0.53

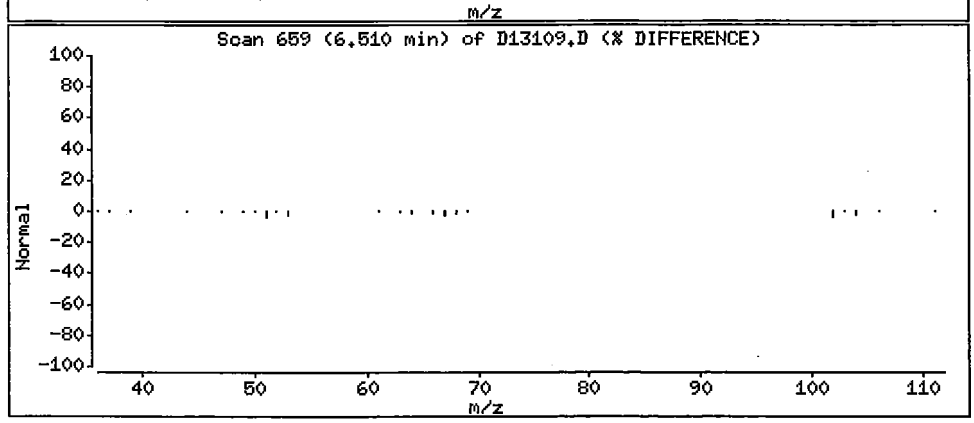
34 1,2-Dichloroethane-d4 2nd

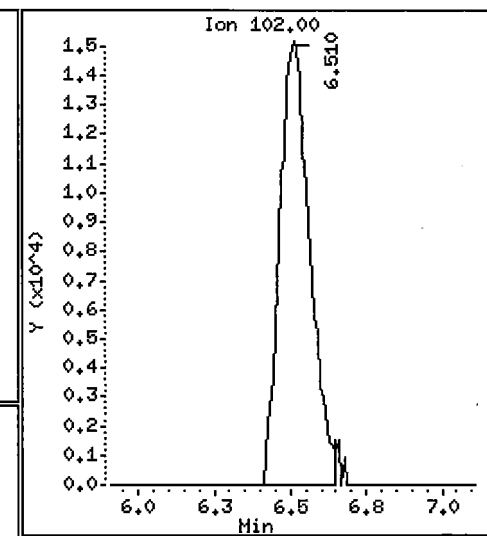
Concentration: 43.02 ug/Kg

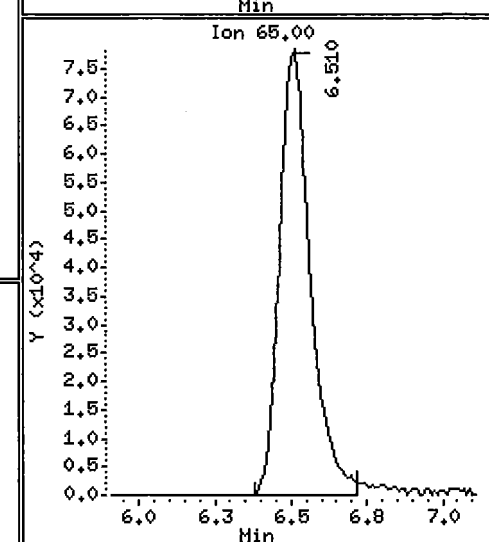












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13109.D

Date : 17-OCT-2000 06:11

Client ID: D13109

Instrument: md.i

Sample Info: DLJN1101,,2,,0,1,0,8260BDA.M,D13109

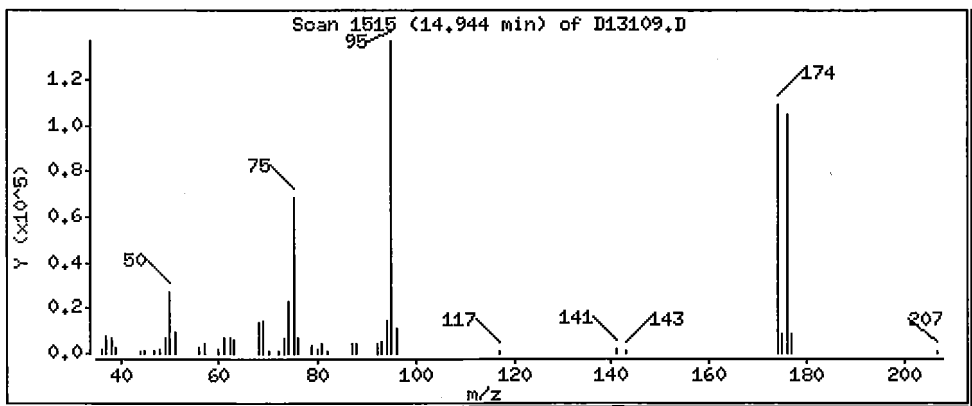
Operator: AD

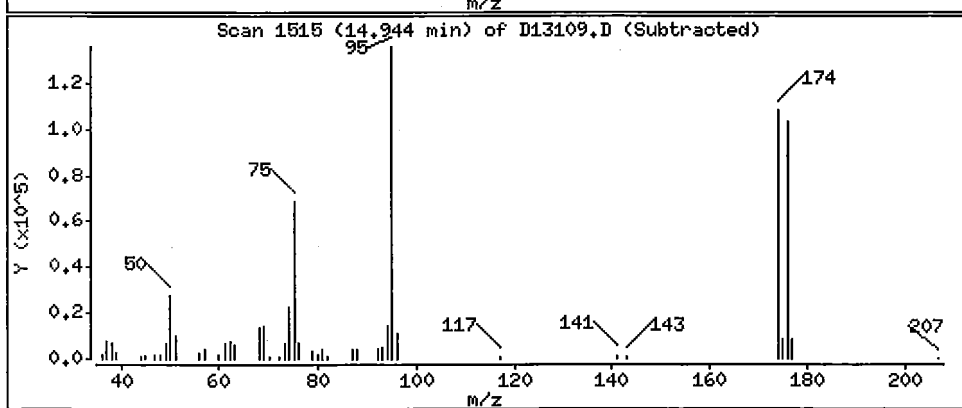
Column phase: J&W DB-624

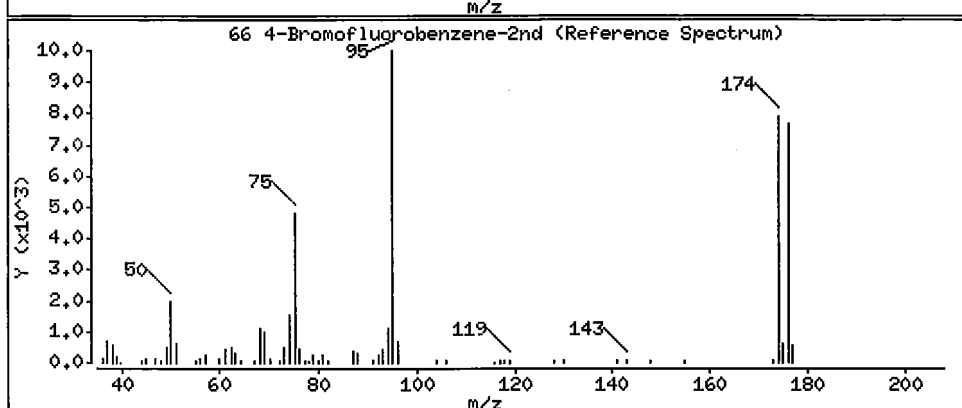
Column diameter: 0.53

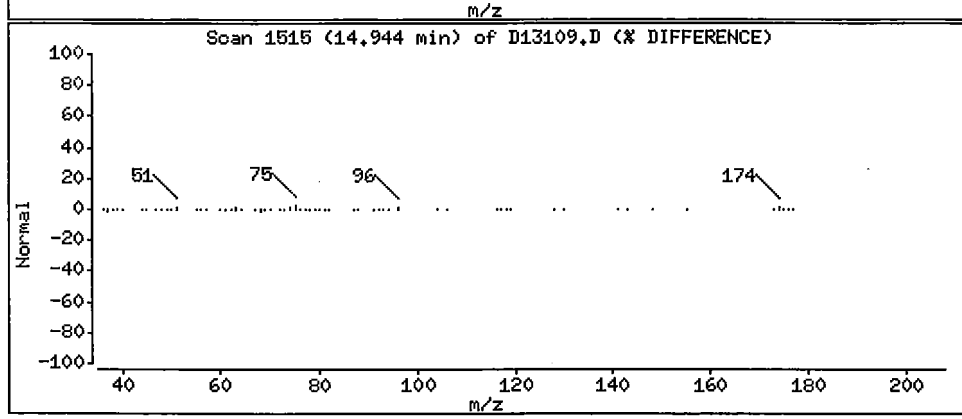
66 4-Bromofluorobenzene-2nd

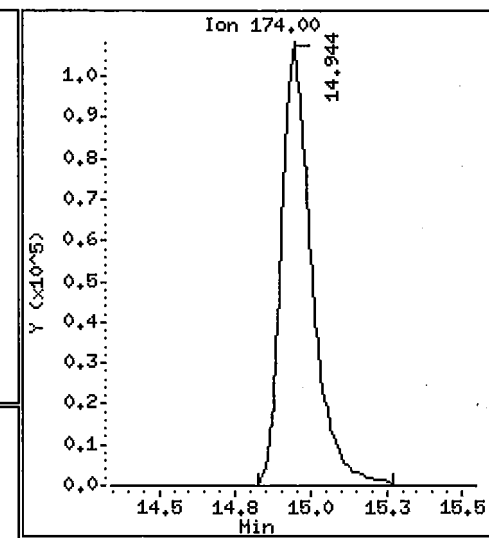
Concentration: 46.51 ug/Kg

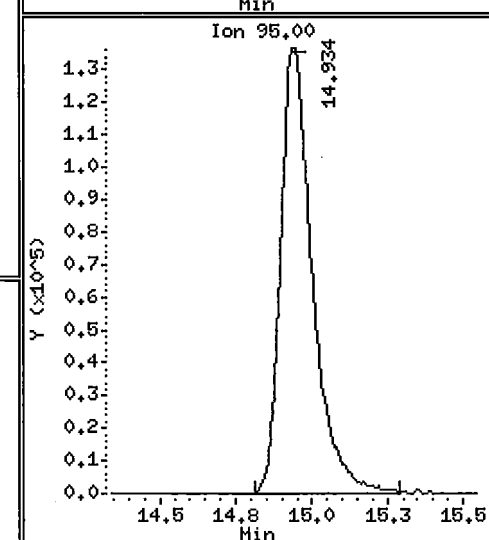


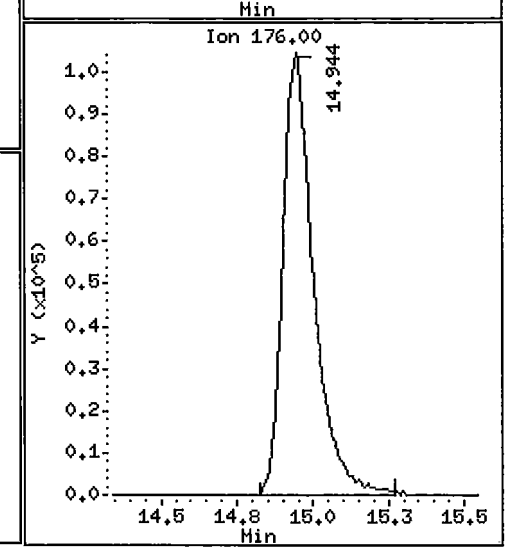












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13109.D

Date : 17-OCT-2000 06:11

Client ID: D13109

Instrument: md.i

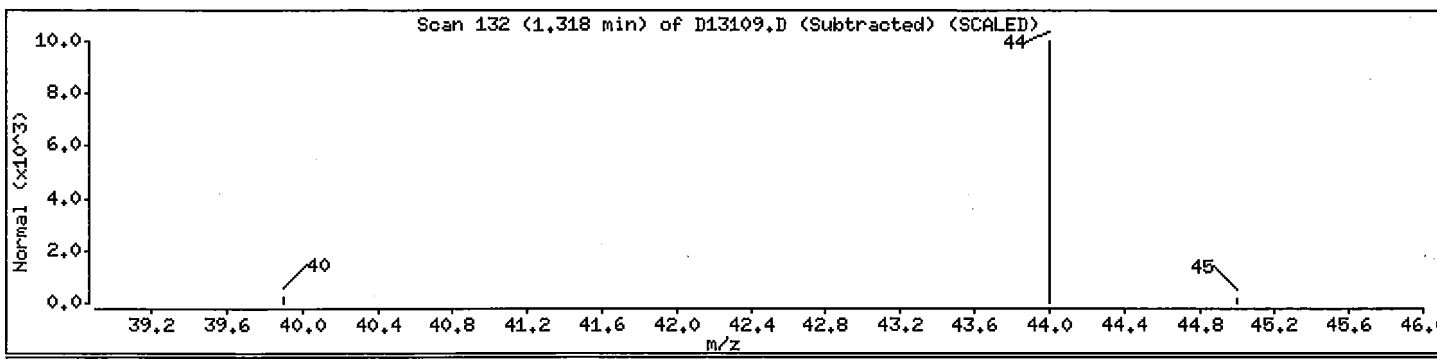
Sample Info: DLJN1101,,2,,0,1,0,8260BDA.M,D13109

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13110.D
Lab Smp Id: DLJN2101 Client Smp ID: D13110
Inj Date : 17-OCT-2000 06:43
Operator : AD Inst ID: md.i
Smp Info : DLJN2101,,2,,0,1,0,8260BDA.M,D13110
Misc Info : E0J040325-18,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
26 Chloroform (*)	83	5.696	5.706	(0.804)	55806	2.90507	2.90(a)
$ 29 Dibromofluoromethane	111	5.972	5.982	(0.843)	916786	49.1428	49.14
$ 33 1,2-Dichloroethane-d4	65	6.504	6.504	(0.918)	626988	49.7918	49.79
34 1,2-Dichloroethane-d4 2nd	102	6.504	6.514	(0.918)	122362	48.1654	48.16
* 38 Fluorobenzene	96	7.085	7.095	(1.000)	1311563	50.0000	
$ 47 Toluene-d8	98	9.903	9.913	(0.786)	1250712	44.7758	44.78
* 56 Chlorobenzene-d5	117	12.603	12.593	(1.000)	1206614	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.948	14.947	(0.866)	808846	46.8511	46.85
$ 67 4-Bromofluorobenzene	95	14.938	14.947	(0.866)	1078544	46.8073	46.81
* 79 1,4-Dichlorobenzene-d4	152	17.253	17.253	(1.000)	867027	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\1016BD.B\D13110.D
Lab Smp Id: DLJN2101 Client Smp ID: D13110
Inj Date : 17-OCT-2000 06:43
Operator : AD Inst ID: md.i
Smp Info : DLJN2101,,2,,0,1,0,8260BDA.M,D13110
Misc Info : E0J040325-18,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	3070452	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.312	578324	9.41757011	9.42	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJN2101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13110
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

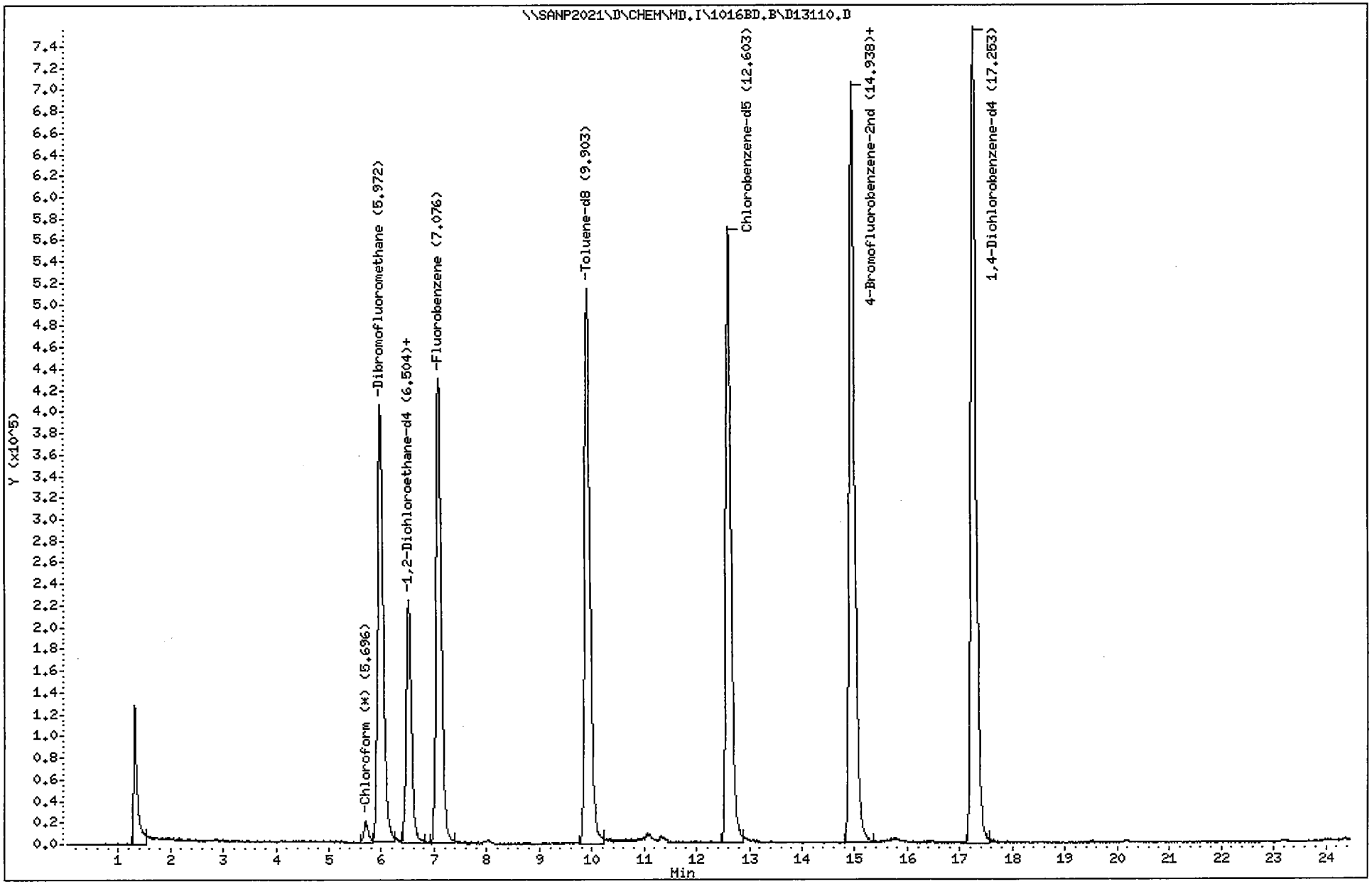
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ N)	1.312	9.42	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13110.D
Date : 17-OCT-2000 06:43
Client ID: D13110
Sample Info: DLJN2101,,2,,0,1,0,8260BDA.M,D13110

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



BOE-C6-0169834

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13110.D

Date : 17-OCT-2000 06:43

Client ID: D13110

Instrument: md.i

Sample Info: DLJN2101,,2,,0,1,0,8260BDA.M,D13110

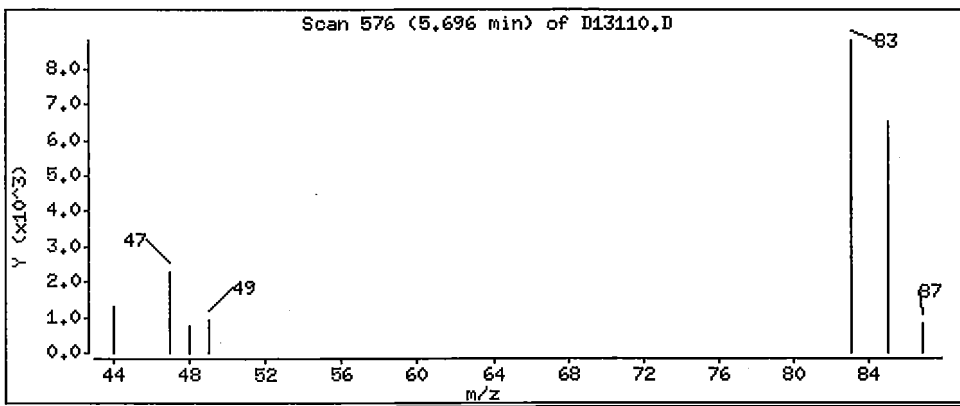
Operator: AD

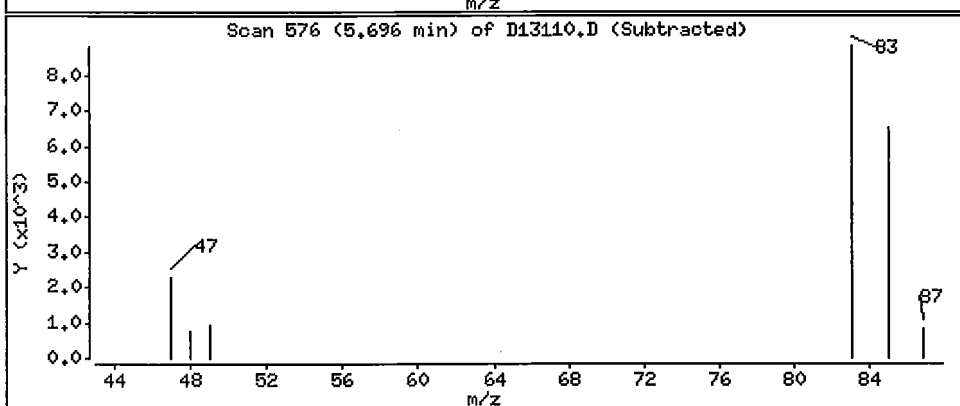
Column phase: J&W DB-624

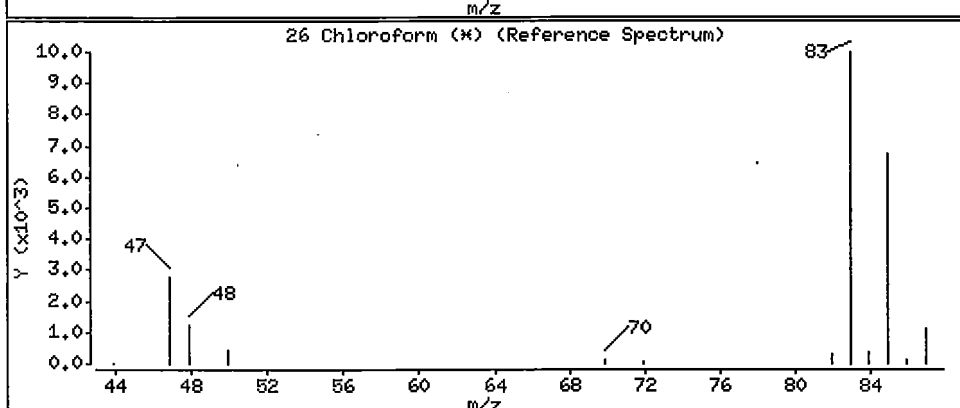
Column diameter: 0.53

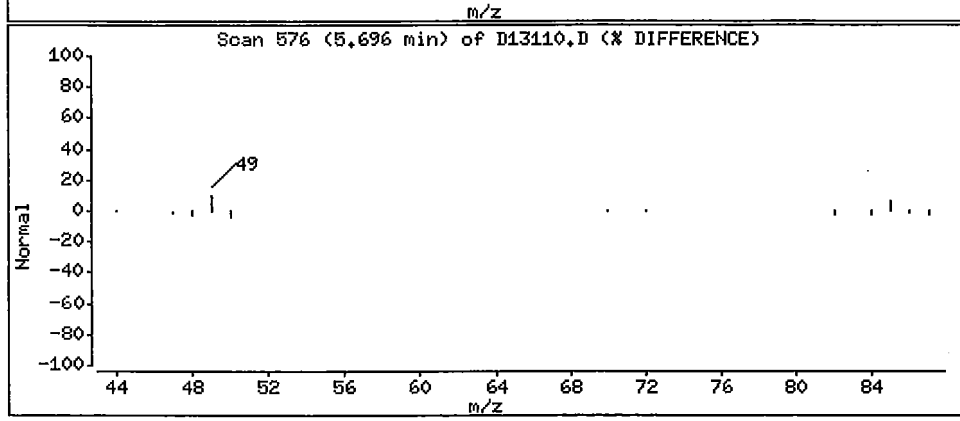
26 Chloroform (*)

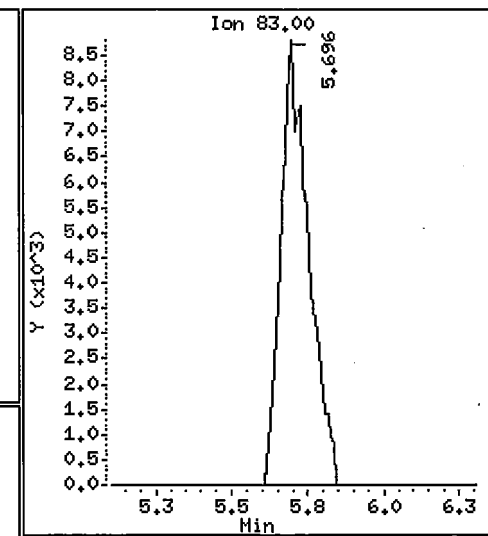
Concentration: 2.90 ug/Kg

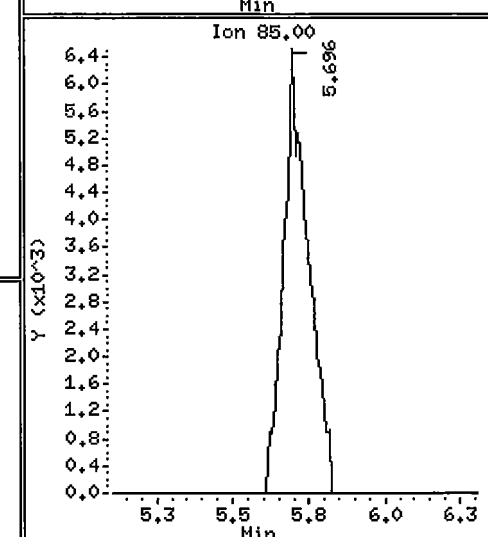


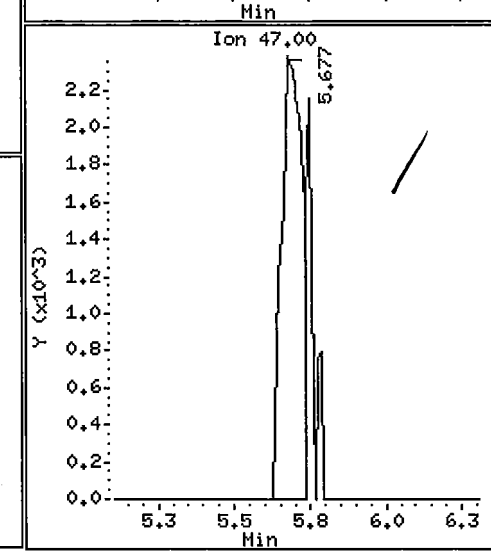












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13110.D

Date : 17-OCT-2000 06:43

Client ID: D13110

Instrument: md.i

Sample Info: DLJN2101,,2,,0,1,0,8260BDA.M,D13110

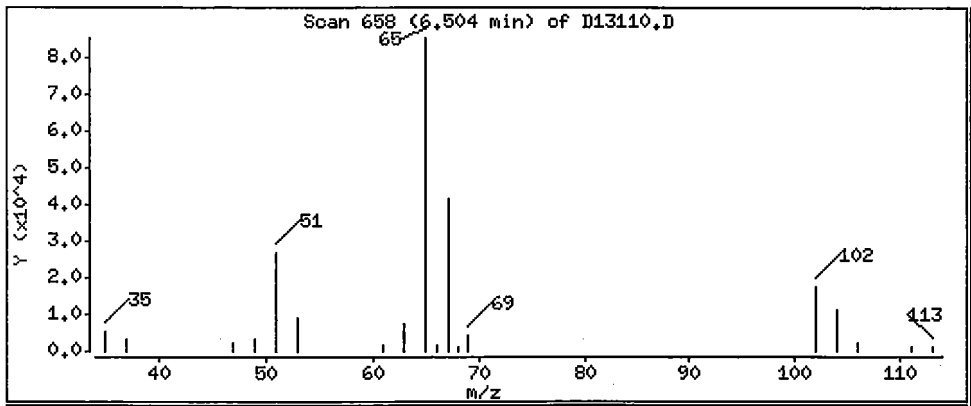
Operator: AD

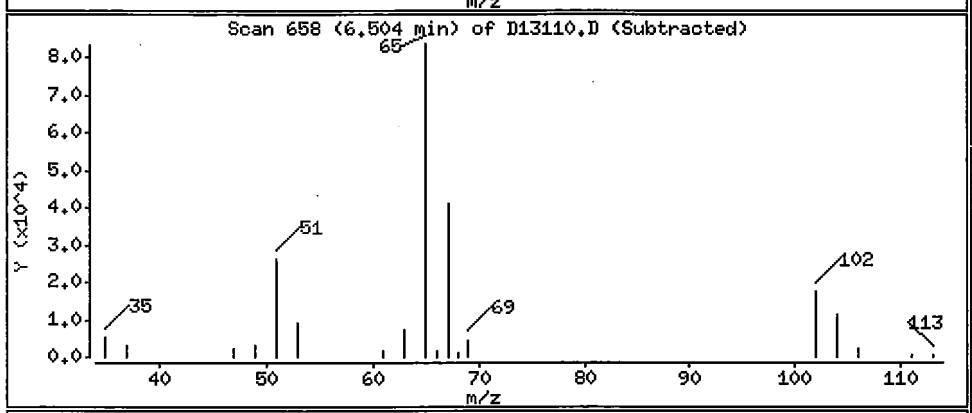
Column phase: J&W DB-624

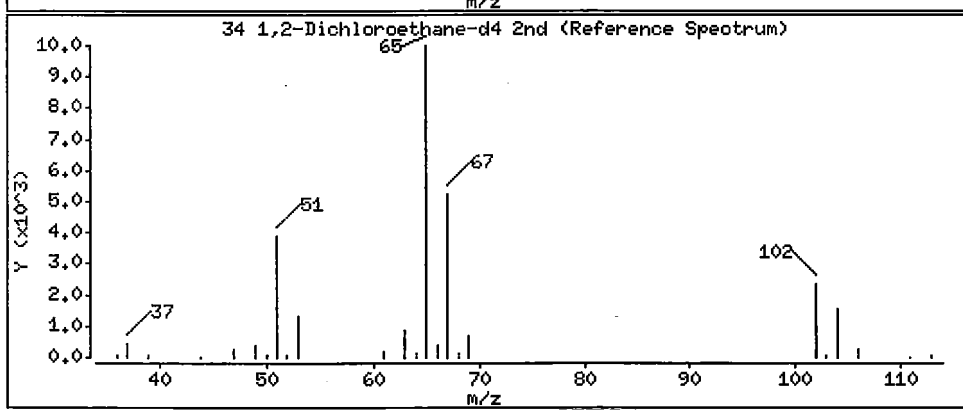
Column diameter: 0.53

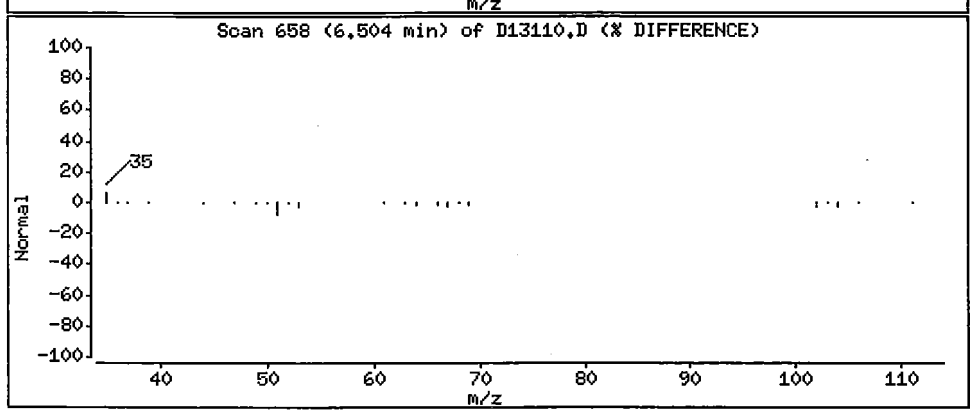
34 1,2-Dichloroethane-d4 2nd

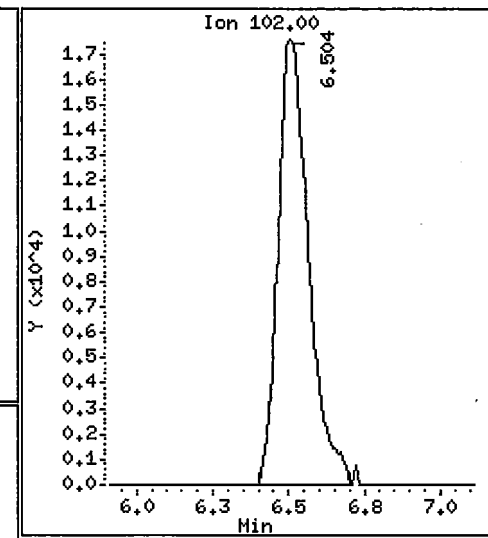
Concentration: 48.16 ug/Kg

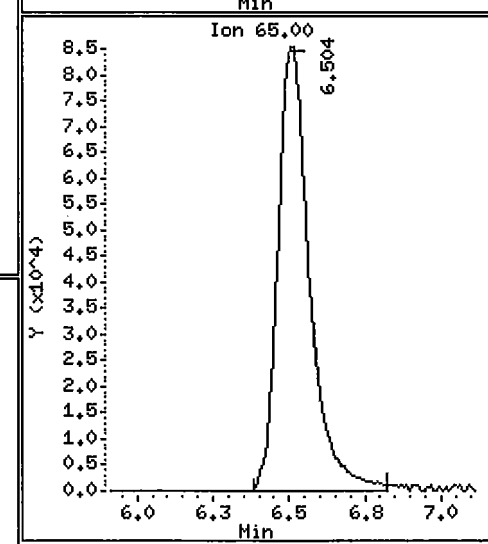












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13110.D

Date : 17-OCT-2000 06:43

Client ID: D13110

Instrument: md.i

Sample Info: DLJN2101,,2,,0,1,0,8260BDA.M,D13110

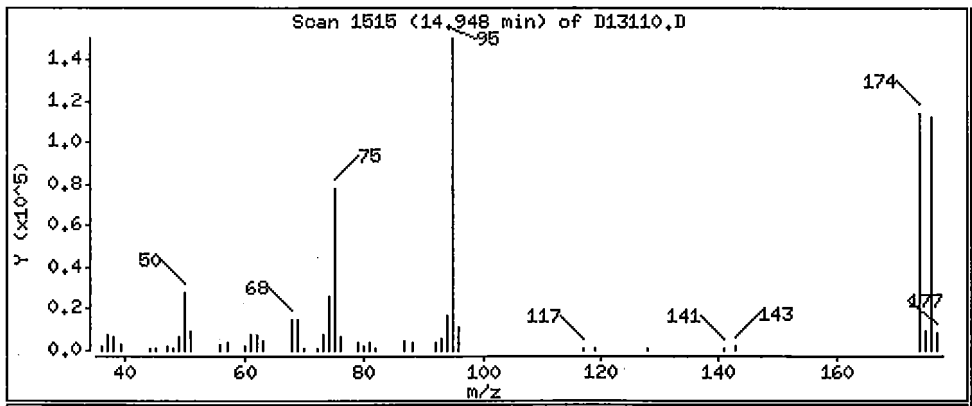
Operator: AD

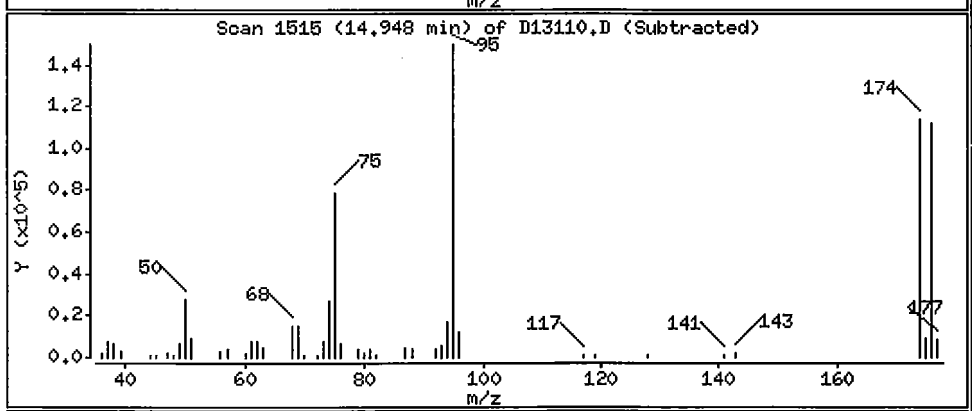
Column phase: J&W DB-624

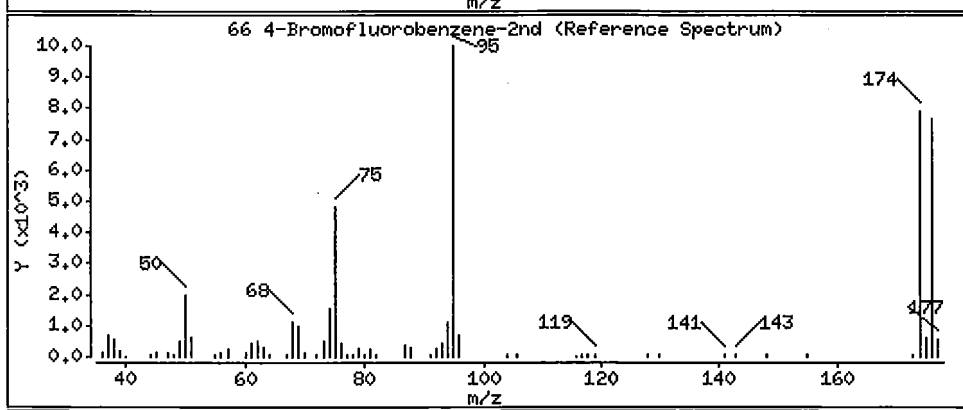
Column diameter: 0.53

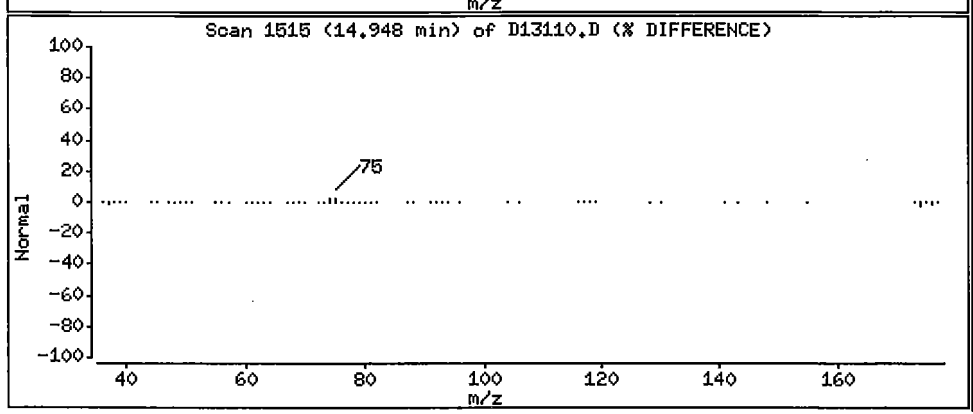
66 4-Bromofluorobenzene-2nd

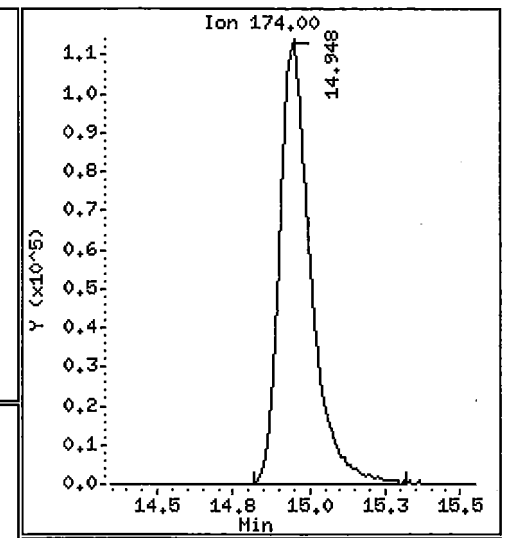
Concentration: 46.85 ug/Kg

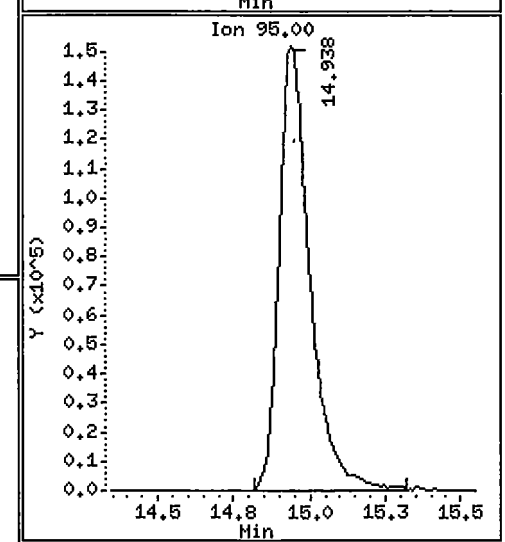


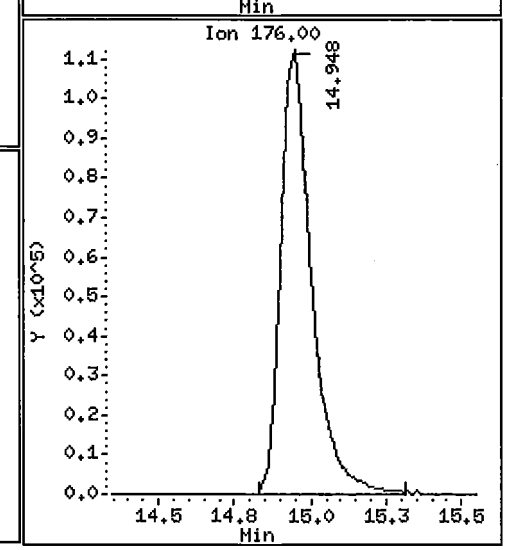












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13110.D

Date : 17-OCT-2000 06:43

Client ID: D13110

Instrument: md.i

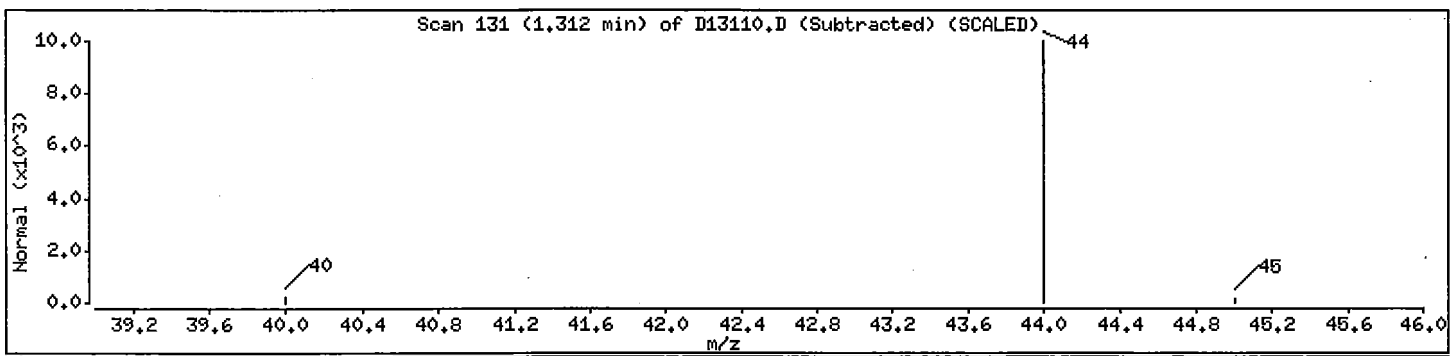
Sample Info: DLJN2101,,2,,0,1,0,8260BDA.M,D13110

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



CO_2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13111.D
Lab Smp Id: DLJN3101 Client Smp ID: D13111
Inj Date : 17-OCT-2000 07:15
Operator : AD Inst ID: md.i
Smp Info : DLJN3101,,2,,0,1,0,8260BDA.M,D13111
Misc Info : E0J040325-19,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.967	5.982	(0.842)	854096	47.7585	47.76
$ 33 1,2-Dichloroethane-d4	65	6.519	6.504	(0.919)	574647	47.6050	47.60
34 1,2-Dichloroethane-d4 2nd	102	6.499	6.514	(0.917)	112238	46.0872	46.09
* 38 Fluorobenzene	96	7.090	7.095	(1.000)	1257296	50.0000	
$ 47 Toluene-d8	98	9.918	9.913	(0.787)	1174354	44.1971	44.20
* 56 Chlorobenzene-d5	117	12.608	12.593	(1.000)	1147784	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.947	(0.866)	751774	46.0398	46.04
$ 67 4-Bromofluorobenzene	95	14.943	14.947	(0.866)	1002688	46.0081	46.01
* 79 1,4-Dichlorobenzene-d4	152	17.258	17.253	(1.000)	820050	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\1016BD.B\D13111.D
Lab Smp Id: DLJN3101 Client Smp ID: D13111
Inj Date : 17-OCT-2000 07:15
Operator : AD Inst ID: md.i
Smp Info : DLJN3101,,2,,0,1,0,8260BDA.M,D13111
Misc Info : E0J040325-19,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.090	2924541	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	529465	9.05210177	9.05	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJN3101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13111
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

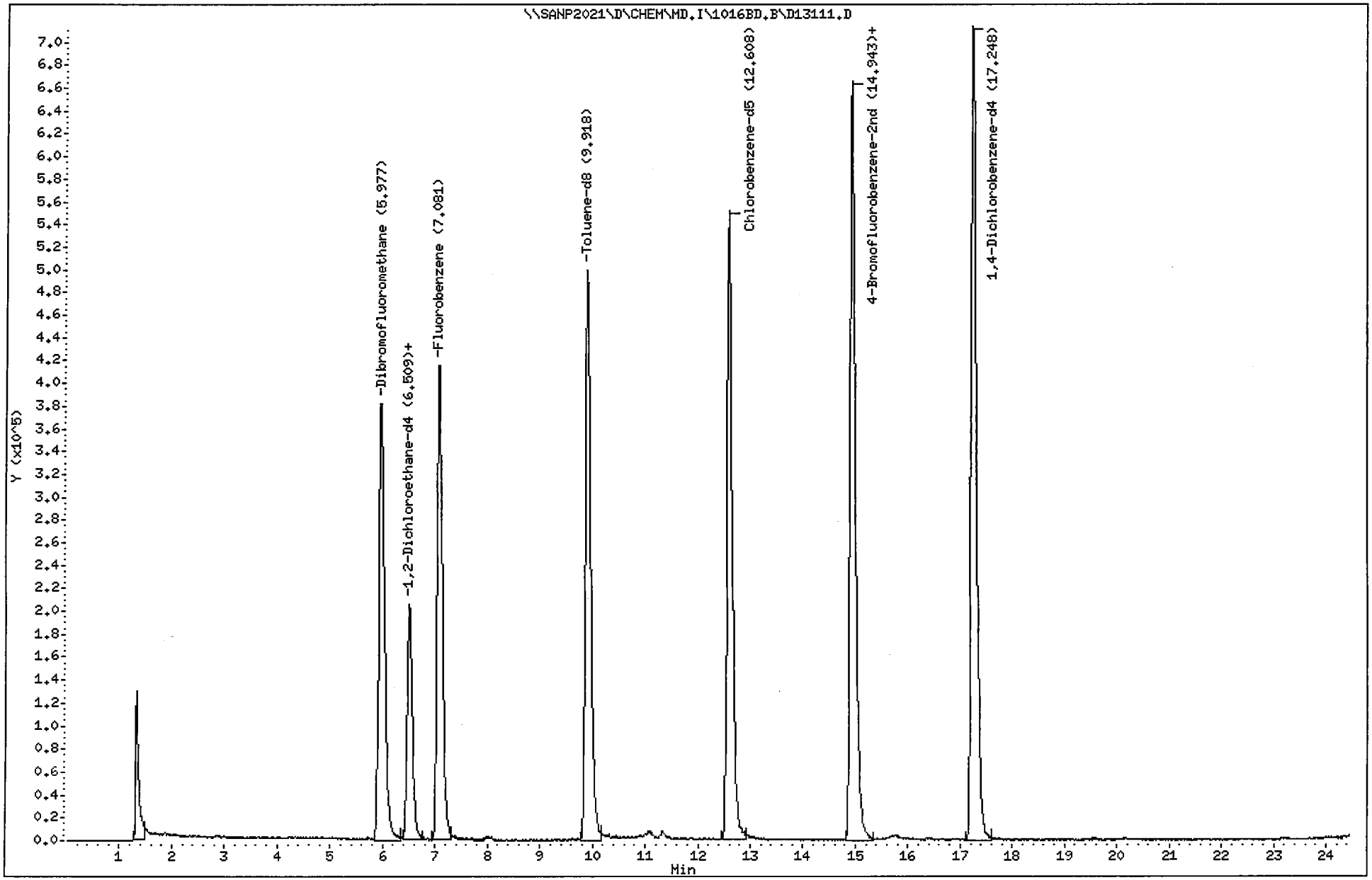
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Un~~known~~ N	1.317	9.05	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13111.D
Date : 17-OCT-2000 07:15
Client ID: D13111
Sample Info: DLJN3101,,2,,0,1,0,8260BDA.M,D13111

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



BOE-C6-0169842

000557

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13111.D

Date : 17-OCT-2000 07:15

Client ID: D13111

Instrument: md.i

Sample Info: DLJN3101,,2,,0,1,0,8260BDA.M,D13111

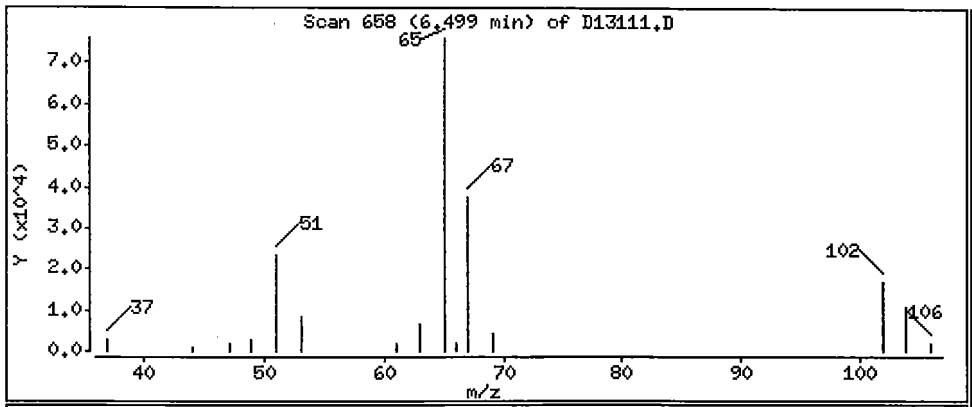
Operator: AD

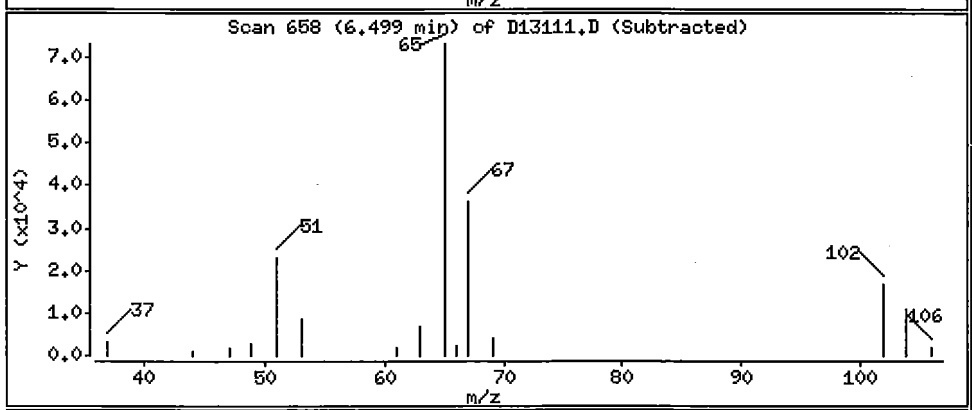
Column phase: J&W DB-624

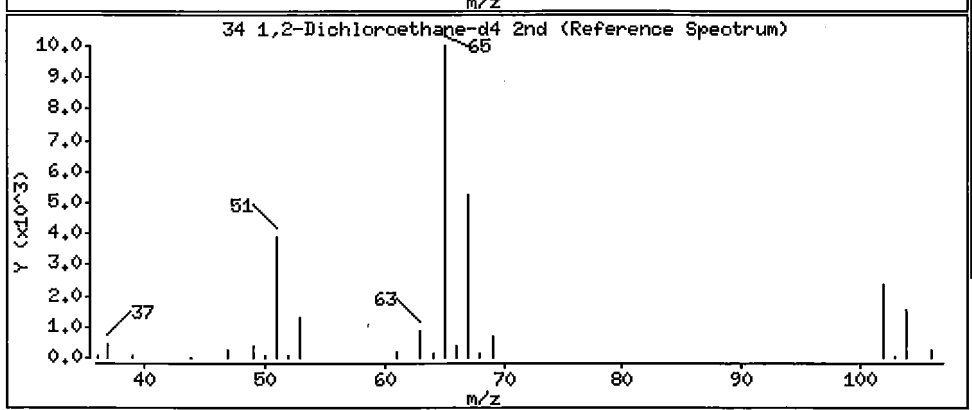
Column diameter: 0.53

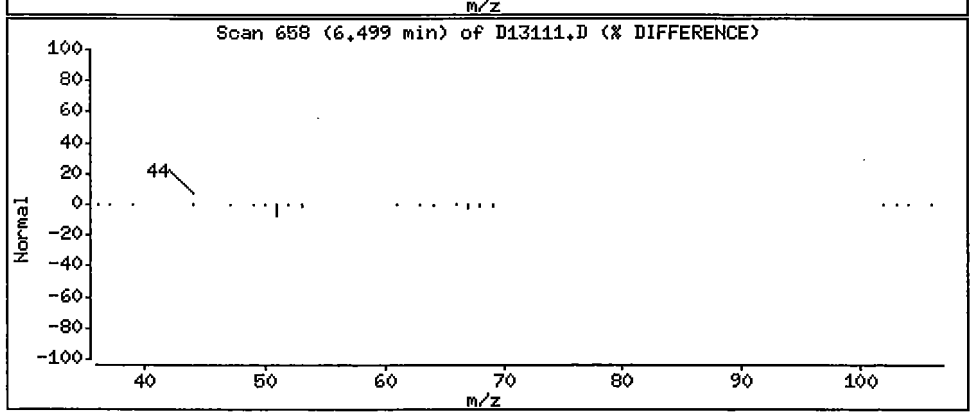
34 1,2-Dichloroethane-d4 2nd

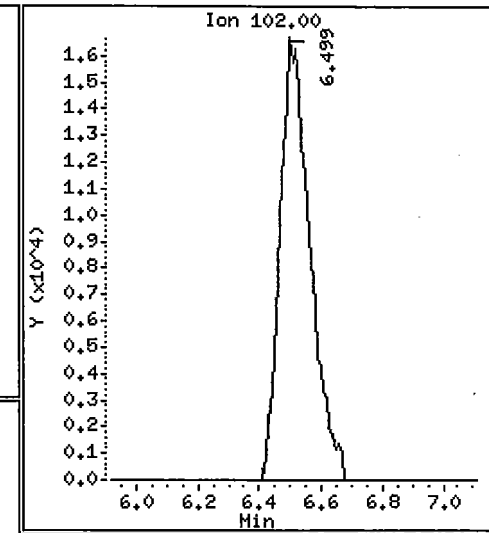
Concentration: 46.09 ug/Kg

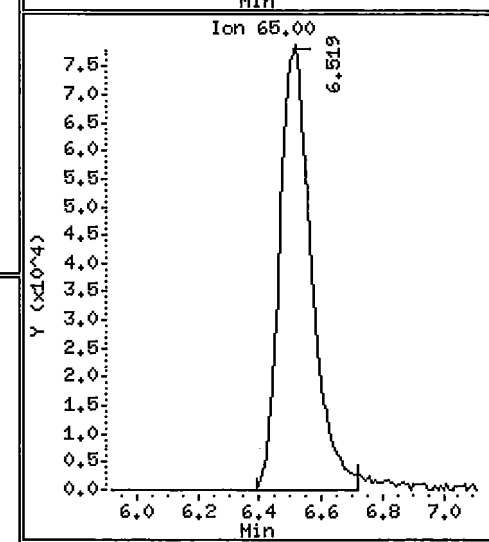












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13111.D

Date : 17-OCT-2000 07:15

Client ID: D13111

Instrument: md.i

Sample Info: DLJN3101,,2,,0,1,0,8260BDA.M,D13111

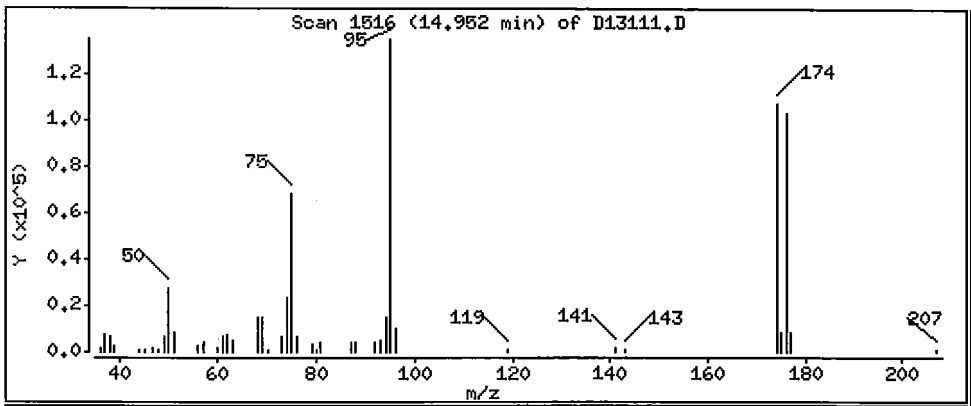
Operator: AD

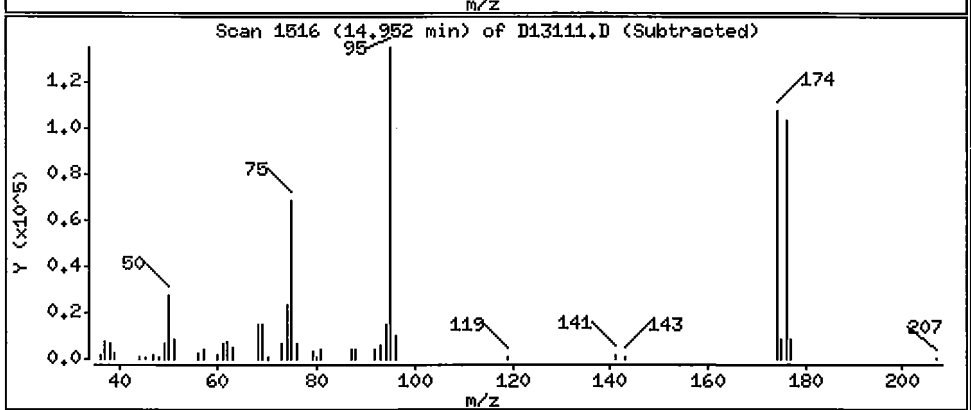
Column phase: J&W DB-624

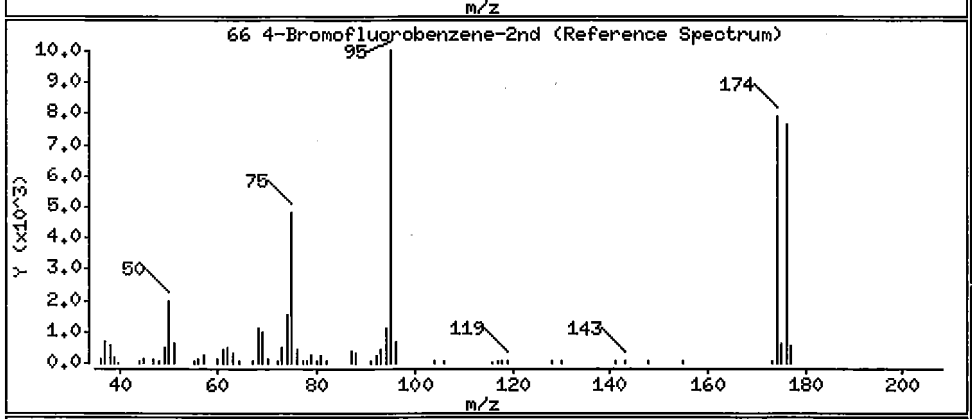
Column diameter: 0.53

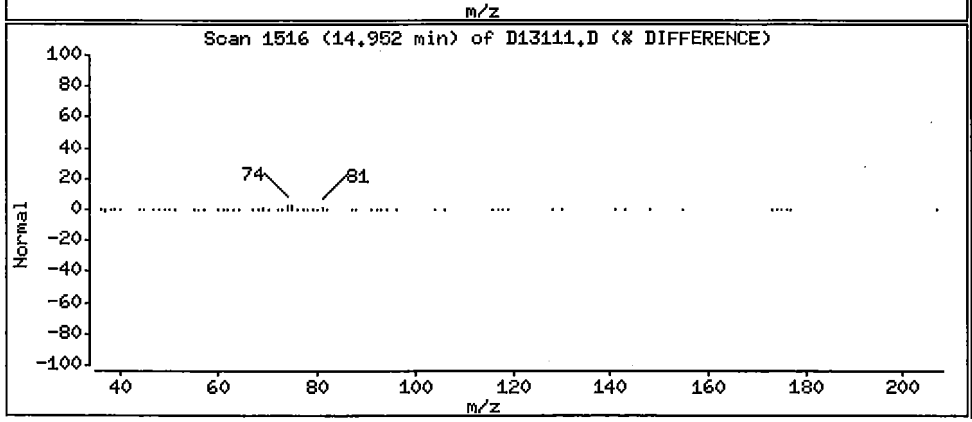
66 4-Bromofluorobenzene-2nd

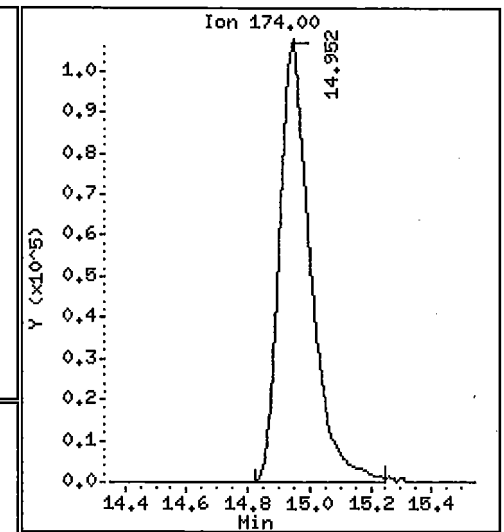
Concentration: 46.04 ug/Kg

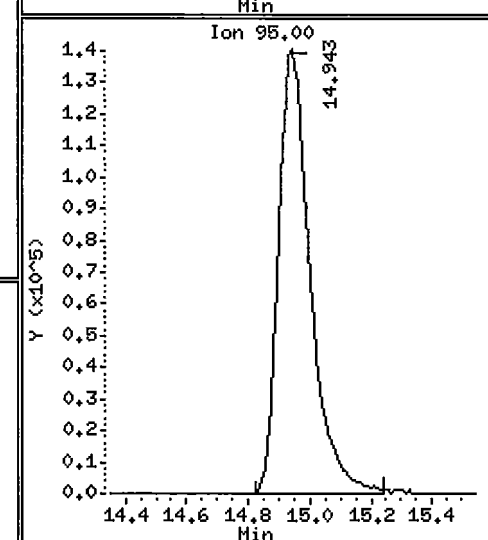


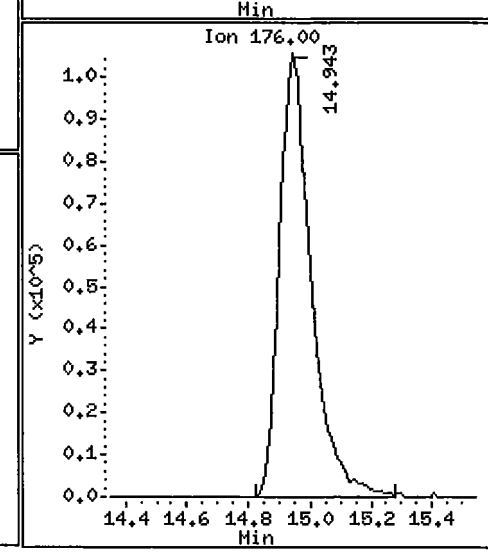












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13111.D

Date : 17-OCT-2000 07:15

Client ID: D13111

Instrument: md.i

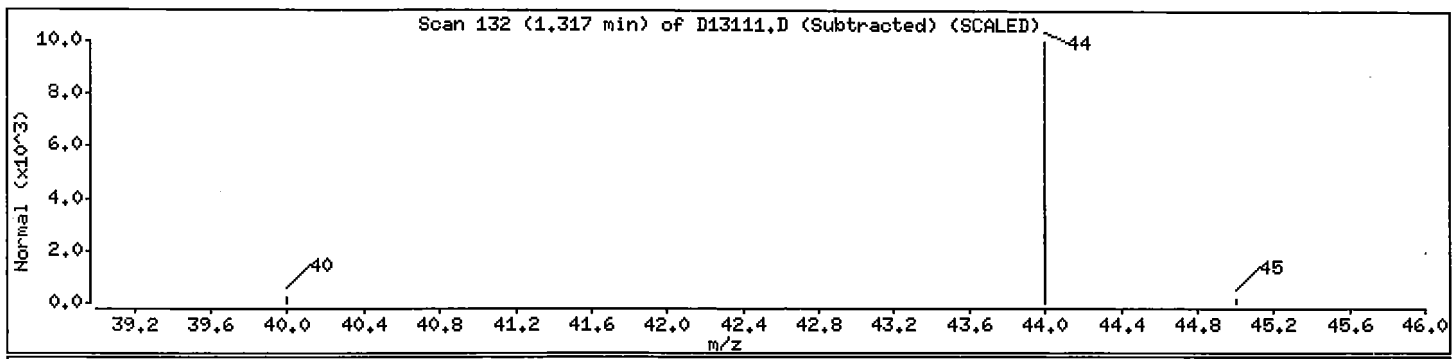
Sample Info: DLJN3101,,2,,0,1,0,8260BDA,M,D13111

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1016BD.B\D13112.D
Lab Smp Id: DLJN5101 Client Smp ID: D13112
Inj Date : 17-OCT-2000 07:46
Operator : AD Inst ID: md.i
Smp Info : DLJN5101,,2,,0,1,0,8260BDA.M,D13112
Misc Info : E0J040325-21,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
26 Chloroform (*)	83	5.707	5.706	(0.806)	51138	2.81039	2.81(a)
$ 29 Dibromofluoromethane	111	5.973	5.982	(0.844)	824666	46.6674	46.67
$ 33 1,2-Dichloroethane-d4	65	6.505	6.504	(0.919)	548318	45.9701	45.97
34 1,2-Dichloroethane-d4 2nd	102	6.505	6.514	(0.919)	106123	44.1006	44.10
* 38 Fluorobenzene	96	7.077	7.095	(1.000)	1242355	50.0000	
$ 47 Toluene-d8	98	9.914	9.913	(0.787)	1148278	46.3594	46.36
* 56 Chlorobenzene-d5	117	12.604	12.593	(1.000)	1069951	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.939	14.947	(0.866)	663477	48.7071	48.71
$ 67 4-Bromofluorobenzene	95	14.939	14.947	(0.866)	878328	48.3110	48.31
* 79 1,4-Dichlorobenzene-d4	152	17.254	17.253	(1.000)	684100	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\1016BD.B\D13112.D
Lab Smp Id: DLJN5101 Client Smp ID: D13112
Inj Date : 17-OCT-2000 07:46
Operator : AD Inst ID: md.i
Smp Info : DLJN5101,,2,,0,1,0,8260BDA.M,D13112
Misc Info : E0J040325-21,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1016BD.B\8260BDA.m
Meth Date : 16-Oct-2000 21:54 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.077	2888220	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.313	602633	10.4326055	10.43	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJN5101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13112
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

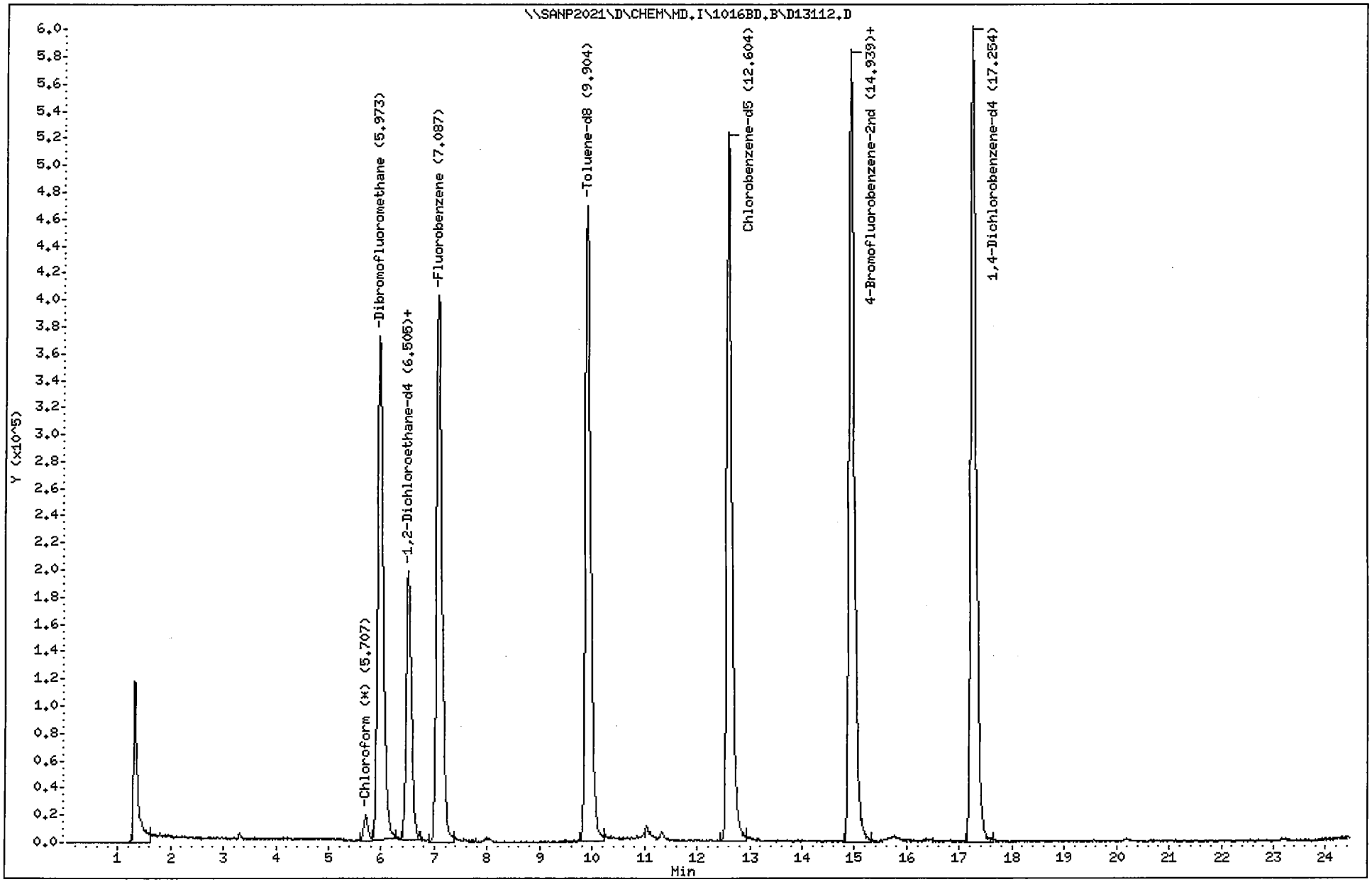
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.313	10.43	J

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13112.D
Date : 17-OCT-2000 07:46
Client ID: D13112
Sample Info: DLJN5101,,2,,0,1,0,8260BDA.M,D13112

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



BOE-C6-0169850

000565

Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13112.D

Date : 17-OCT-2000 07:46

Client ID: D13112

Instrument: md.i

Sample Info: DLJN5101,,2,,0,1,0,8260BDA.M,D13112

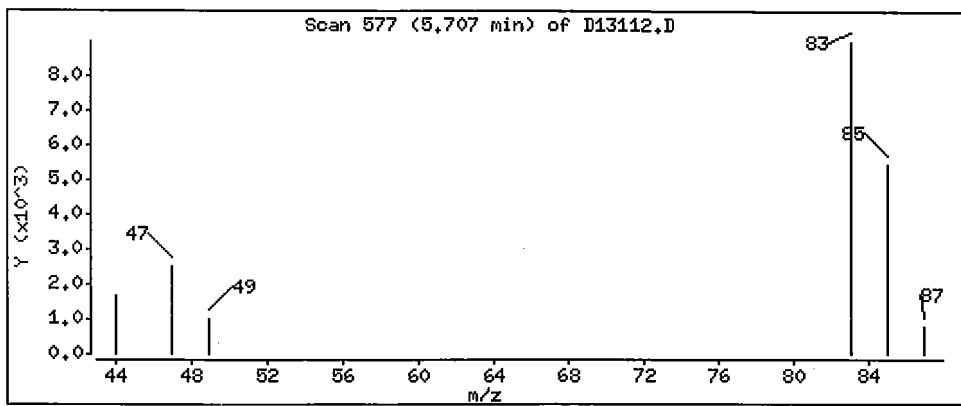
Operator: AD

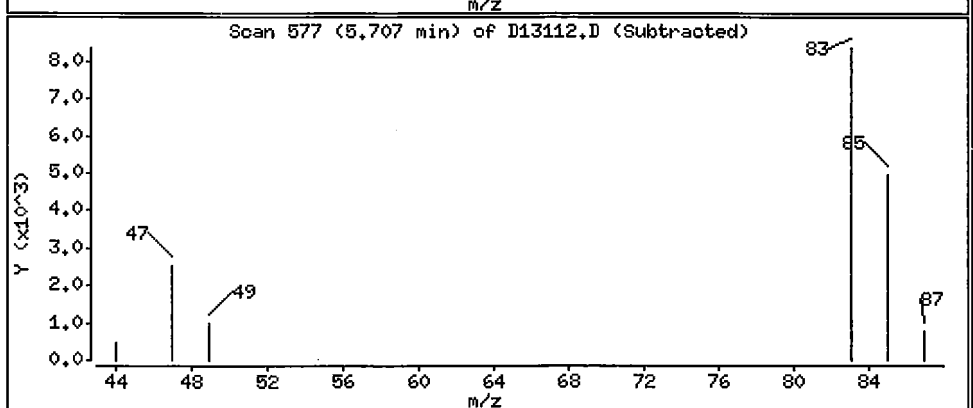
Column phase: J&W DB-624

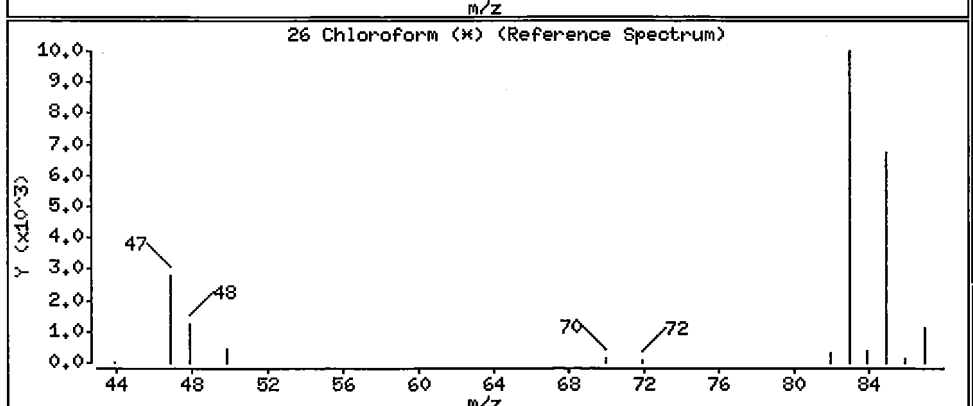
Column diameter: 0.53

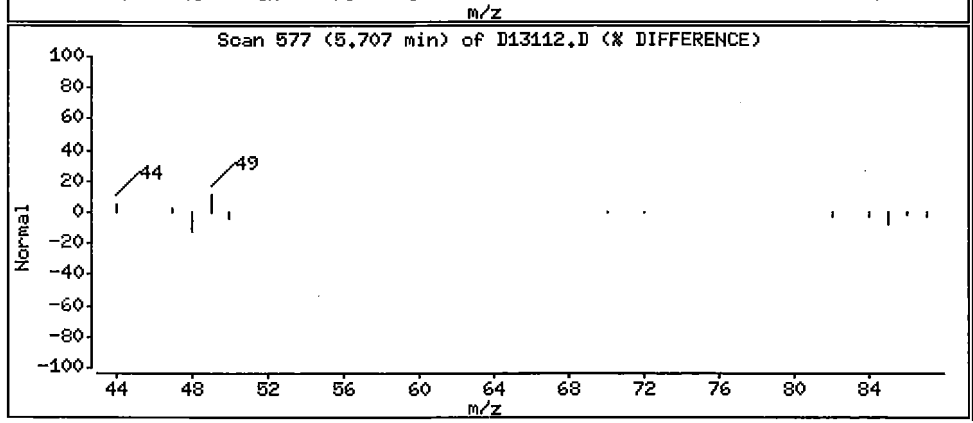
26 Chloroform (*)

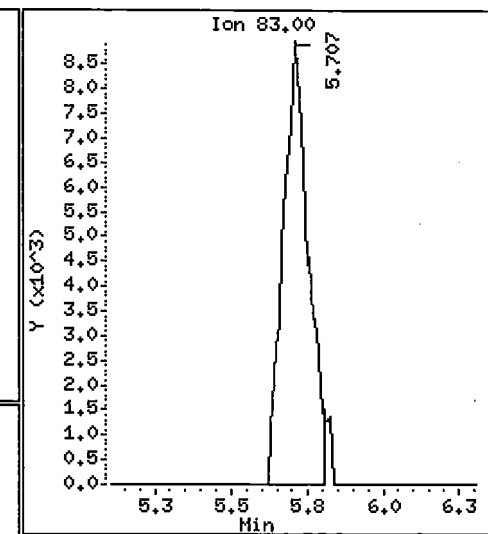
Concentration: 2.81 ug/Kg

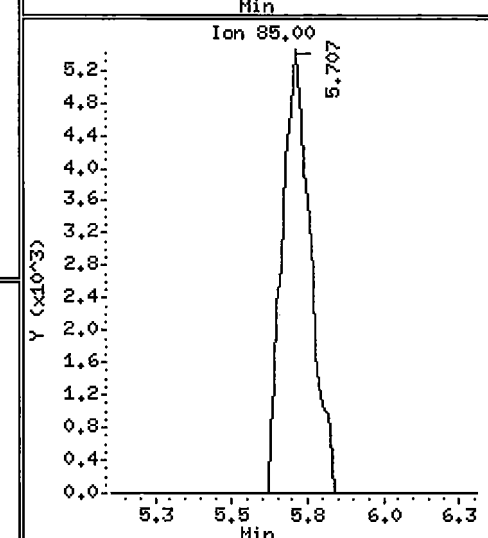


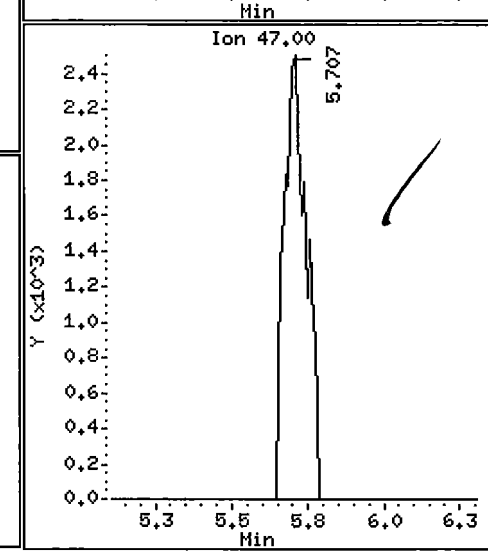












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13112.D

Date : 17-OCT-2000 07:46

Client ID: D13112

Instrument: md.i

Sample Info: DLJN5101,,2,,0,1,0,8260BDA.M,D13112

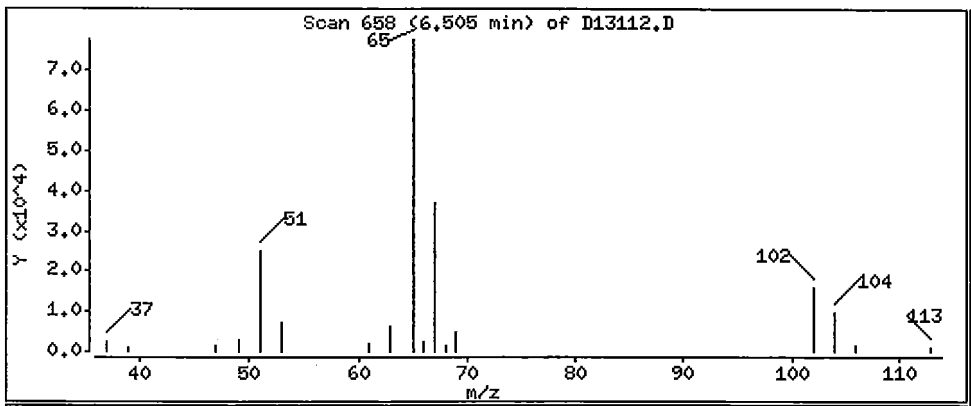
Operator: AD

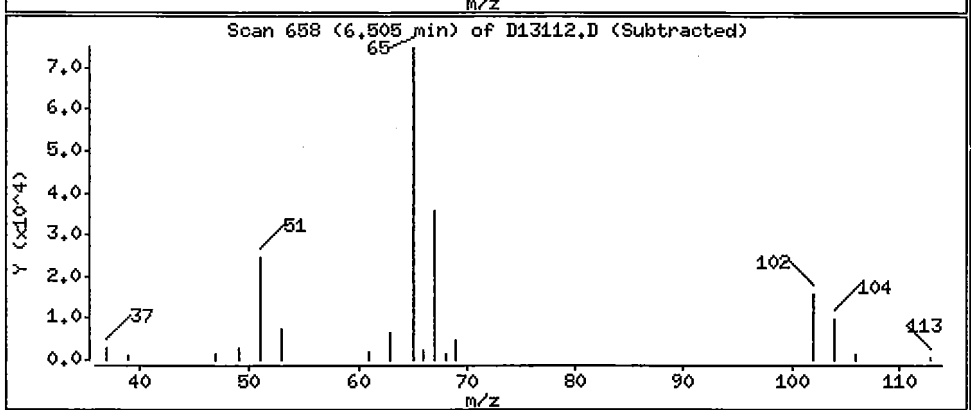
Column phase: J&W DB-624

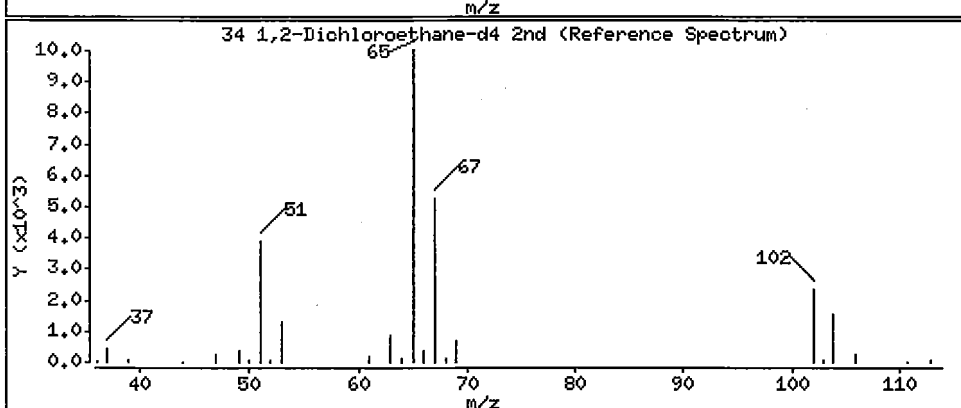
Column diameter: 0.53

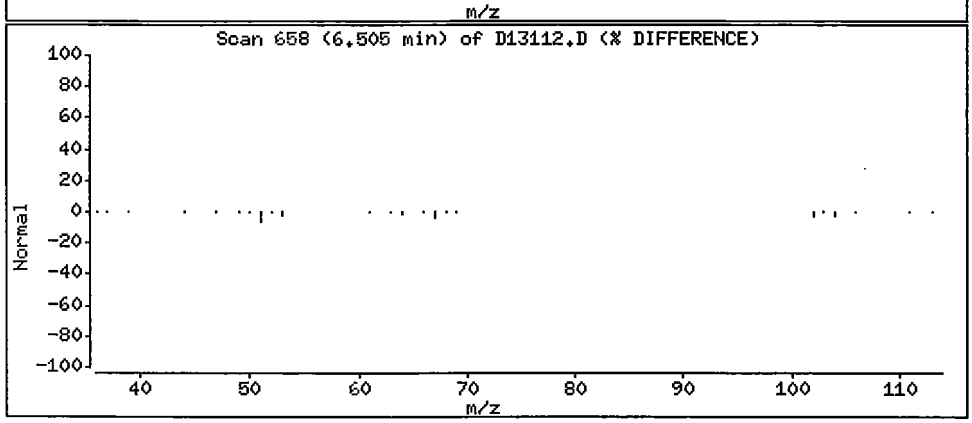
34 1,2-Dichloroethane-d4 2nd

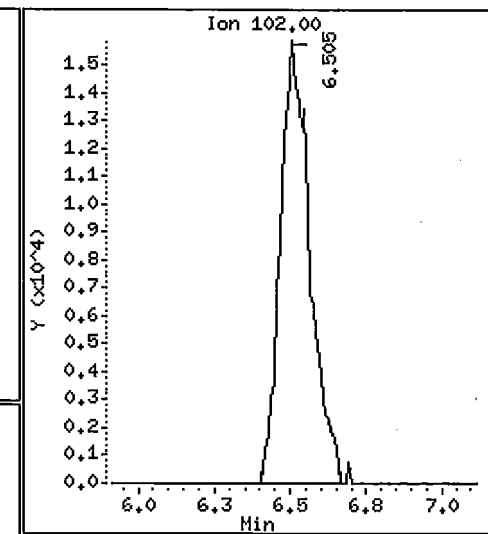
Concentration: 44.10 ug/Kg

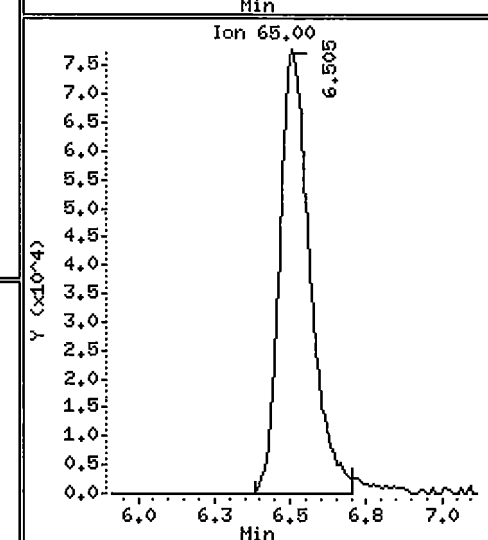












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13112.D

Date : 17-OCT-2000 07:46

Client ID: D13112

Instrument: md.i

Sample Info: DLJN5101,,2,,0,1,0,8260BDA.M,D13112

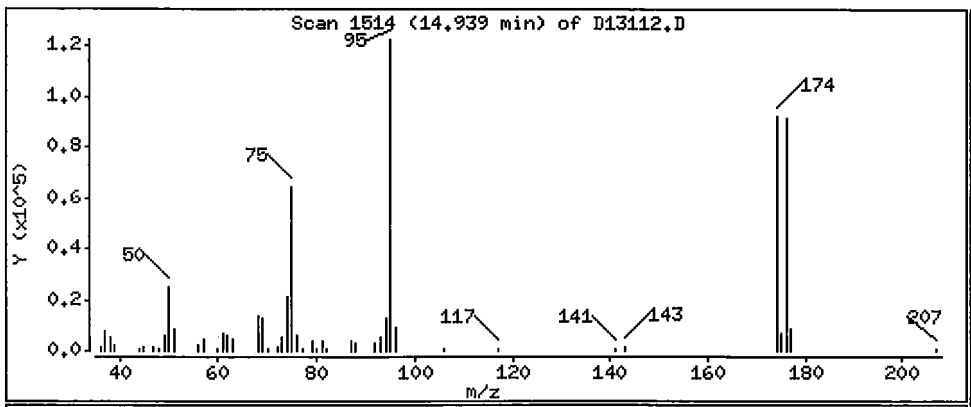
Operator: AD

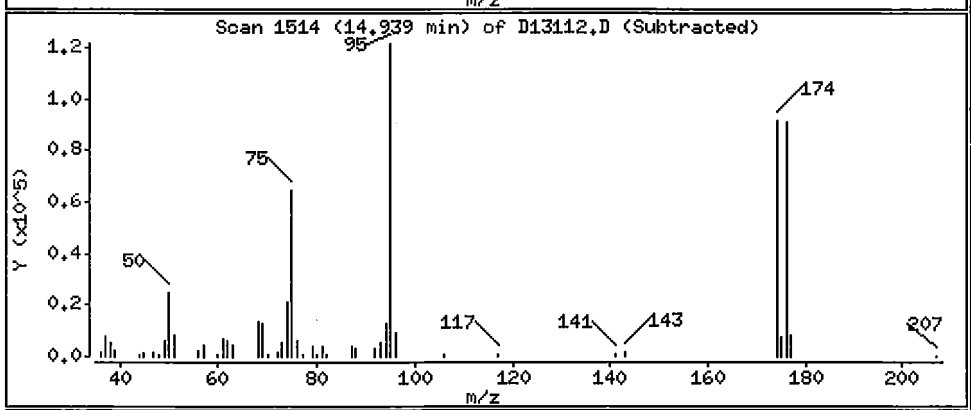
Column phase: J&W DB-624

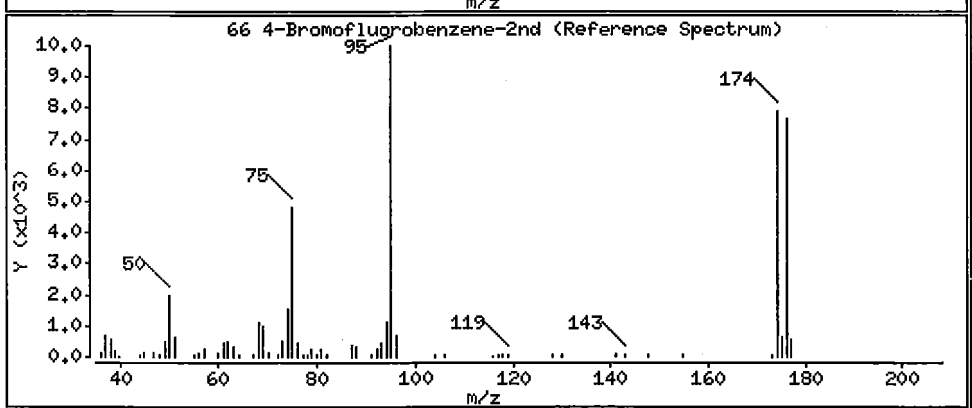
Column diameter: 0.53

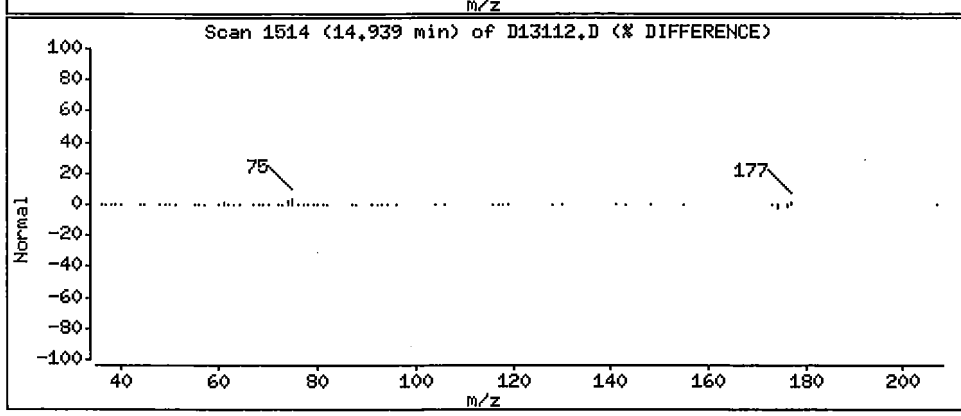
66 4-Bromofluorobenzene-2nd

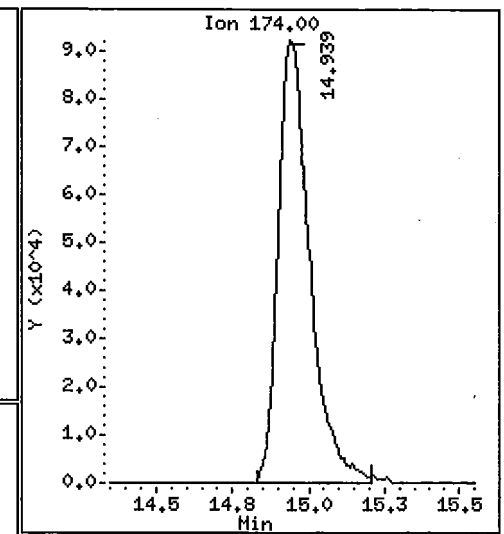
Concentration: 48.71 ug/Kg

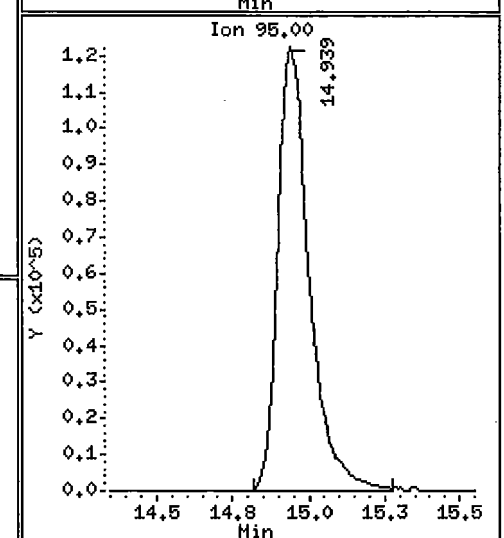


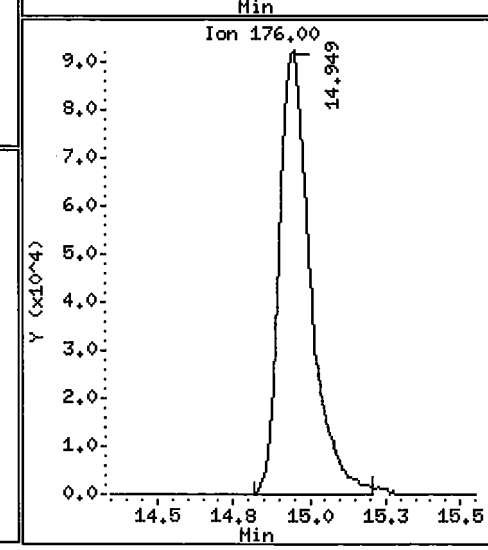












Data File: \\SANP2021\D\CHEM\MD.I\1016BD.B\D13112.D

Date : 17-OCT-2000 07:46

Client ID: D13112

Instrument: md.i

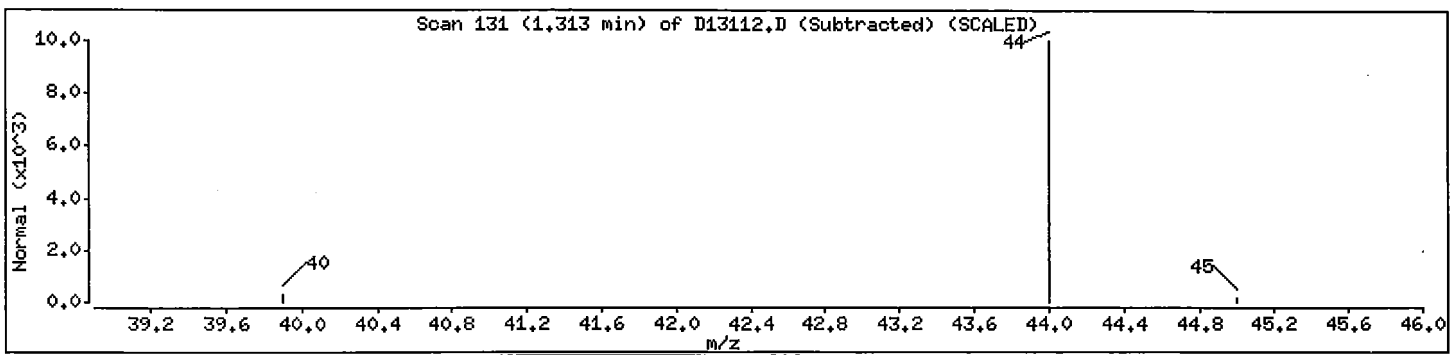
Sample Info: DLJN5101,,2,,0,1,0,8260BDA.M,D13112

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



C2

8260B SAMPLE / QC DATA

DATE ANALYZED: 101700

INSTRUMENT ID: MSD

SAMPLES: EOI040325-23 → 34

Batch ID: 0292399

GC/MS VOA Run Log

FJK 10/20/00

❑ 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: 1017AD

Init . Cal ID: 8260BDA 10-4-00 | Date: 10-17-00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
8:17	GFB	DT1583	50ng BFB	—	—	1ul	—	—	✓			1198-1
8:35		DS2546	50ppb 8260B Std	1	S	5g	1	88	N			1255-2;57-1;55-1
9:08		47	↓	1				137	✓			
9:52		D13113	LCS 1017AD	2				145	✓			1260-1 2nd Src
10:23		14	MB 1017AD	3				124	✓			
10:58		15	DLJN8101	4				132	✓			EOJ040325-22
11:30		16	DLJKT104	5				139	✓			EOJ040322-19
12:02		17	DLJN9101	6				136	✓			EOJ040325-23
12:34		18	DLJNA101	7				134	✓			-24
13:05		19	DLJNC101	8				102	N			-25 IS LOW
13:37		20	DLJN8102 S	9				139	✓			-22S 1260-1
14:09		21	DLJN8103 D	10				104	✓			-22D ↓
14:41		22	DLJNE101	11				133	✓			-26
15:13		23	DLJNJ101	12				135	✓			27
15:45		24	DLJNM101	13				134	✓			28
16:16		25	DLJNP101	14				134	✓			29
16:48		26	DLJNR101	15				117	✓			30
17:24		27	DLJNV101	16				113	✓			31
17:56		28	DLJPB101	17				90	✓			32
18:28		29	DLJP2101	18				127	✓			33
19:07		30	DLJP4101	19				133	✓			34
19:39		D13131	DLGQG104	20		1g	5	128	✓			EOJ030262-19

000109

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

BOE-C6-0169856

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA54651

Lab File ID (Standard): DS2547 Date Analyzed: 10/17/00

Instrument ID: MD Time Analyzed: 0908

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	1375485	7.09	1231129	12.61	909786	17.27
	UPPER LIMIT	2750970	7.59	2462258	13.11	1819572	17.77
	LOWER LIMIT	687743	6.59	615565	12.11	454893	16.77
	EPA SAMPLE NO.						
01	D13113	1432254	7.10	1260302	12.61	932775	17.26
02	D13114	1243185	7.11	1090338	12.61	761050	17.27
03	D13115	1320237	7.10	1177500	12.62	839619	17.27
04	D13116	1397364	7.11	1286455	12.62	943856	17.28
05	D13117	1363070	7.10	1197072	12.62	875439	17.27
06	D13118	1347894	7.10	1249293	12.62	879019	17.28
07	D13119	1029049	7.10	653865	12.62	265690*	17.26
08	D13120	1390122	7.09	1271633	12.63	937247	17.28
09	D13121	1048061	7.12	850788	12.63	590857	17.28
10	D13122	1336647	7.11	1205125	12.63	842700	17.28
11	D13123	1355179	7.10	1216488	12.62	878062	17.27
12	D13124	1348634	7.11	1221768	12.61	867818	17.26
13	D13125	1346509	7.10	1193594	12.62	812171	17.27
14	D13126	1175695	7.09	1071602	12.61	745191	17.26
15	D13127	1138052	7.11	999311	12.62	705734	17.27
16	D13128	909183	7.10	761549	12.62	512118	17.27
17	D13129	1272705	7.09	1173120	12.61	829573	17.27
18	D13130	1335741	7.10	1211251	12.62	862216	17.27
19	D13131	1289374	7.09	1173873	12.62	849086	17.29
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.

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\DT1583.D

Date : 17-OCT-2000 08:17

Client ID:

Instrument: md.i

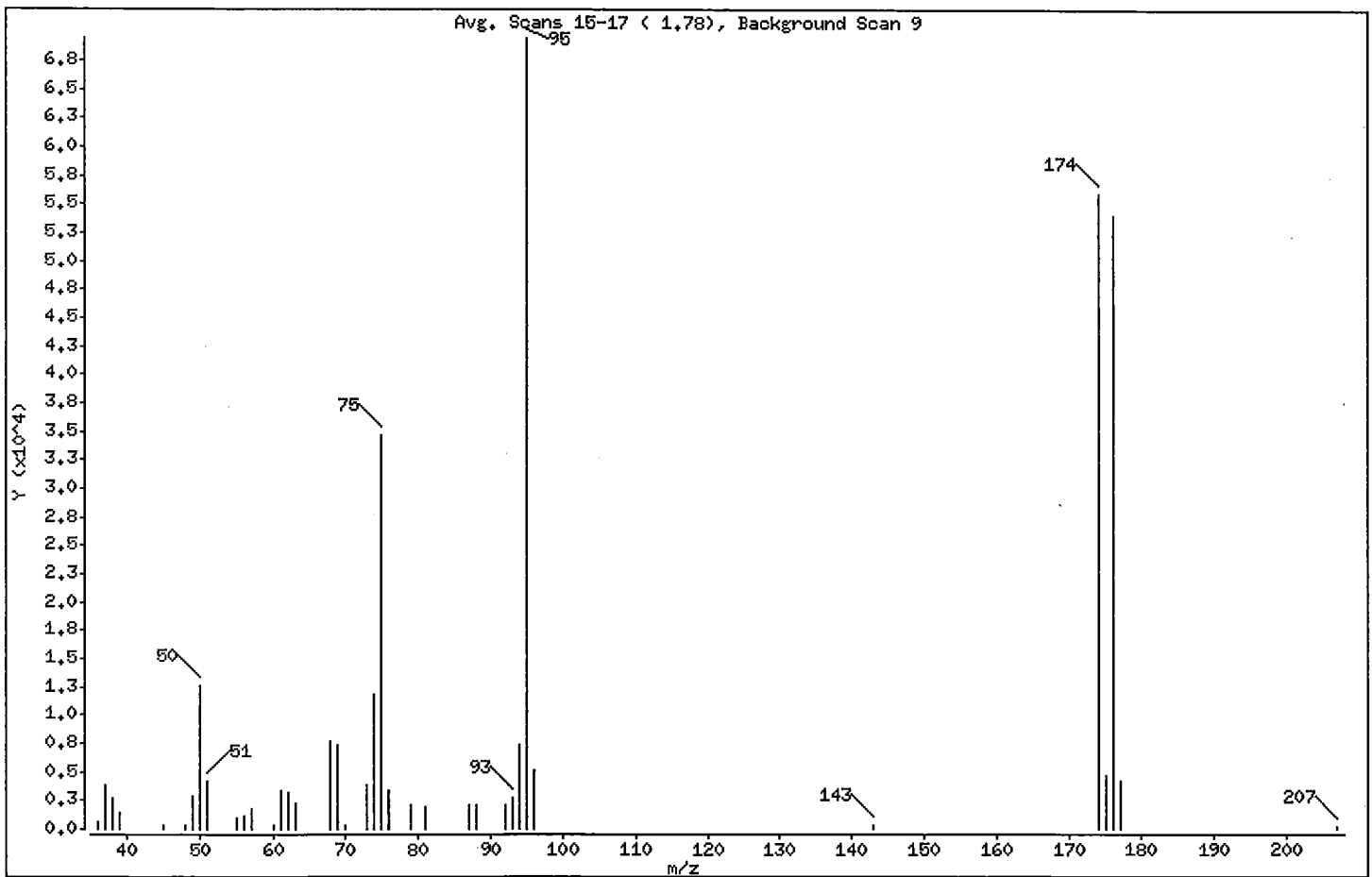
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.22
75	30.00 - 60.00% of mass 95	49.96
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	80.45
175	5.00 - 9.00% of mass 174	6.59 (8.19)
176	95.00 - 101.00% of mass 174	77.73 (96.62)
177	5.00 - 9.00% of mass 176	5.96 (7.66)

10-18-00

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\DT1583.D
Lab Smp Id:
Inj Date : 17-OCT-2000 08:17
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\1017AD.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		
1.7783	1.8000	(0.000)	95	69445			0.00- 100.00	100.00
1.7783	1.8000	(0.000)	50	12654			15.00- 40.00	18.22
1.7783	1.8000	(0.000)	75	34693			30.00- 60.00	49.96
1.7783	1.8000	(0.000)	96	5171			5.00- 9.00	7.45
1.7783	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7783	1.8000	(0.000)	174	55866			50.00- 0.00	80.45
1.7783	1.8000	(0.000)	175	4575			5.00- 9.00	8.19
1.7783	1.8000	(0.000)	176	53978			95.00- 101.00	96.62
1.7783	1.8000	(0.000)	177	4136			5.00- 9.00	7.66

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\DT1583.D

Date : 17-OCT-2000 08:17

Client ID:

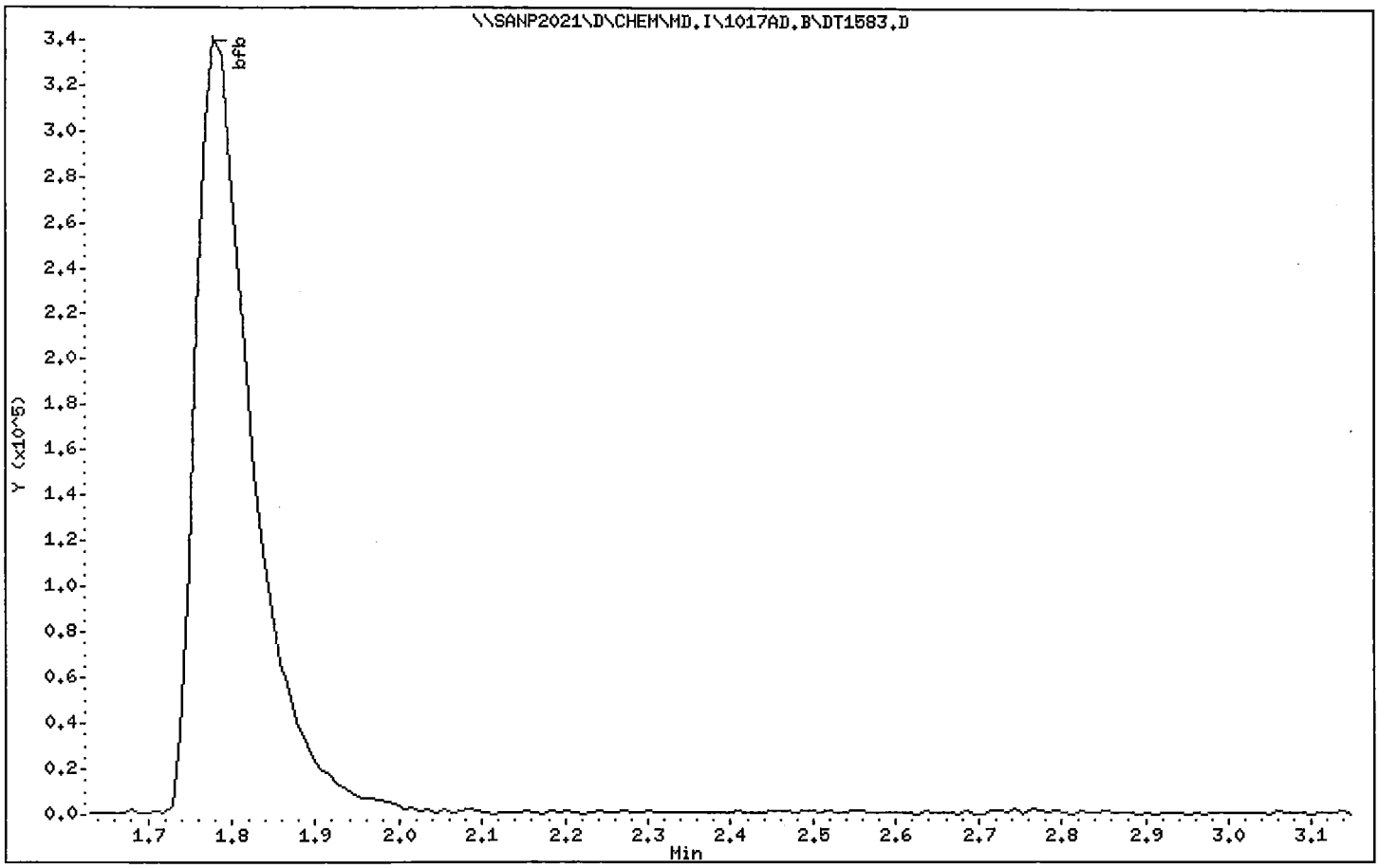
Instrument: md.i

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\1017AD.B\DT1583.D

Date : 17-OCT-2000 08:17

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: DT1583.D
Spectrum: Avg. Scans 15-17 (1.78), Background Scan 9
Location of Maximum: 95.00
Number of points: 38

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	615	56.00	1190	74.00	11798	95.00	69440
37.00	3795	57.00	1757	75.00	34688	96.00	5171
38.00	2676	60.00	285	76.00	3315	143.00	272
39.00	1487	61.00	3280	79.00	2005	174.00	55864
45.00	311	62.00	3168	81.00	1860	175.00	4575
48.00	254	63.00	2286	87.00	2141	176.00	53976
49.00	2811	68.00	7711	88.00	2040	177.00	4136
50.00	12654	69.00	7355	92.00	2053	207.00	125
51.00	4153	70.00	273	93.00	2669		
55.00	974	73.00	3791	94.00	7362		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2547.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m

Injection Date: 17-OCT-2000 09:08
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	1 Dichlorodifluoromethane	0.44644	0.34050	0.010	-23.7	50.0	
	2 Vinyl chloride (*)	0.21607	0.19201	0.010	-11.1	20.0	
	3 Chloromethane (**)	0.19012	0.16731	0.100	-12.0	50.0	
	4 Bromomethane	0.21985	0.20418	0.010	-7.1	50.0	
	5 Chloroethane	0.13964	0.13405	0.010	-4.0	50.0	
	6 Trichlorofluoromethane	0.71629	0.79722	0.010	11.3	50.0	
	7 Acrolein	0.01339	0.01143	0.001	-14.6	50.0	
	8 1,1-Dichloroethene(*)	0.28163	0.25973	0.010	-7.8	20.0	
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.44779	0.010	-4.7	50.0	
	10 Acetone	0.05535	0.06368	0.010	15.0	50.0	
	11 Iodomethane	0.54249	0.52760	0.001	-2.7	50.0	
	12 Carbon disulfide	0.63173	0.55138	0.010	-12.7	50.0	
	13 Methylene chloride	0.28611	0.31997	0.010	11.8	50.0	
	14 t-Butanol	0.00532	0.00647	0.001	21.7	20.0	<-
	15 trans-1,2-Dichloroethene	0.32668	0.32047	0.010	-1.9	50.0	
	16 Acrylonitrile	0.04256	0.04679	0.001	9.9	20.0	
	17 Methyl-tert-butyl ether[MTB	0.75221	0.75763	0.010	0.7	50.0	
	18 1,1-Dichloroethane (**)	0.56293	0.56586	0.100	0.5	50.0	
	19 Vinyl acetate	0.72587	0.67389	0.010	-7.2	50.0	
	20 Isopropyl ether	0.97354	0.92571	0.010	-4.9	20.0	
	21 2,2-Dichloropropane	0.61103	0.61982	0.010	1.4	50.0	
	22 Tert-butyl ethyl ether	0.93101	0.93193	0.010	0.1	20.0	
	23 cis-1,2-Dichloroethene	0.33158	0.34931	0.010	5.3	50.0	
	24 2-Butanone	0.09614	0.10603	0.010	10.3	50.0	
	25 Bromochloromethane	0.21883	0.24727	0.010	13.0	50.0	
	26 Chloroform (*)	0.73233	0.74247	0.010	1.4	20.0	
	27 Tetrahydrofuran	0.05809	0.07297	0.010	25.6	50.0	
M	28 1,2-Dichloroethene (total)	0.32913	0.33489	0.010	1.8	50.0	
$	29 Dibromofluoromethane	0.71120	0.66734	0.010	-6.2	50.0	
	30 1,1,1-Trichloroethane	0.76256	0.80547	0.010	5.6	50.0	
	31 Carbon Tetrachloride	0.72937	0.81593	0.010	11.9	50.0	
	32 1,1-Dichloropropene	0.54325	0.55343	0.010	1.9	50.0	
$	33 1,2-Dichloroethane-d4	0.48005	0.48437	0.010	0.9	50.0	
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.09069	0.010	-6.4	50.0	
	35 Benzene	0.84852	0.88430	0.010	4.2	50.0	

10-18-00

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2547.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD
Method: \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m

Injection Date: 17-OCT-2000 09:08
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.59948	0.010	12.2	50.0	
	37 Tert-amyl methyl ether	0.88326	0.94227	0.010	6.7	20.0	
	39 Trichloroethene	0.46731	0.51713	0.010	10.7	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.35771	0.010	3.4	20.0	
	41 Dibromomethane	0.32224	0.38104	0.010	18.2	50.0	
	42 Bromodichloromethane	0.71616	0.80557	0.010	12.5	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.88574	0.010	12.3	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.06274	0.010	42.8	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.57426	0.010	6.3	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.30477	0.010	17.1	50.0	
$	47 Toluene-d8	1.15749	1.06582	0.010	-7.9	50.0	
	48 Toluene (*)	1.22215	1.25804	0.010	2.9	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.60513	0.010	8.4	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.44482	0.010	10.3	50.0	
	51 Tetrachloroethene	0.55481	0.60414	0.010	8.9	50.0	
	52 1,3-Dichloropropane	0.63464	0.67963	0.010	7.1	50.0	
	53 2-Hexanone	0.22062	0.25456	0.010	15.4	50.0	
	54 Dibromochloromethane	0.73783	0.83921	0.010	13.7	50.0	
	55 1,2-Dibromoethane	0.61043	0.69653	0.010	14.1	50.0	
	57 Chlorobenzene (**)	0.98253	1.04750	0.300	6.6	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.64871	0.010	9.2	50.0	
	59 Ethylbenzene (*)	0.45846	0.48246	0.010	5.2	20.0	
	60 m,p-Xylenes	0.57596	0.59565	0.010	3.4	50.0	
	61 o-Xylene	0.55644	0.59506	0.010	6.9	50.0	
	62 Styrene	0.92422	0.97310	0.010	5.3	50.0	
M	63 Xylenes (total)	0.56945	0.59545	0.010	4.6	50.0	
	64 Bromoform (**)	0.59517	0.71347	0.100	19.9	50.0	
	65 Isopropylbenzene	1.75437	1.91255	0.010	9.0	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	0.93513	0.010	-6.1	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.25002	0.010	-5.9	50.0	
	68 Bromobenzene	0.83061	0.88978	0.010	7.1	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.95491	0.300	11.7	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.33916	0.010	21.1	50.0	
	71 n-Propylbenzene	2.58803	2.48193	0.010	-4.1	50.0	
	72 2-Chlorotoluene	0.62571	0.65931	0.010	5.4	50.0	
	73 4-Chlorotoluene	0.65344	0.69009	0.010	5.6	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2547.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD
Method: \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m

Injection Date: 17-OCT-2000 09:08
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02
Quant Type: ISTD

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.22928	0.010	7.1	50.0
75 tert-Butylbenzene	2.15036	2.28149	0.010	6.1	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.22316	0.010	4.9	50.0
77 sec-Butylbenzene	2.82015	3.00462	0.010	6.5	50.0
78 1,3-Dichlorobenzene	1.39311	1.47542	0.010	5.9	50.0
80 1,4-Dichlorobenzene	1.51990	1.60084	0.010	5.3	50.0
81 p-Isopropyltoluene	2.32696	2.51661	0.010	8.2	50.0
82 1,2-Dichlorobenzene	1.33233	1.44243	0.010	8.3	50.0
83 n-Butylbenzene	2.22197	2.40435	0.010	8.2	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.35765	0.010	23.4	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.33273	0.010	8.3	50.0
86 Hexachlorobutadiene	0.92928	1.07435	0.010	15.6	50.0
87 Napthalene	1.86163	1.94490	0.010	4.5	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.25629	0.010	9.4	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2547.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Misc Info: 1255-2;57-1;55-1,,5,,2,all.SUB

Calibration Date: 17-OCT-2000
Calibration Time: 08:35

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF	
38 Fluorobenzene	883904	441952	1767808	1375485	55.61	
56 Chlorobenzene-d5	681969	340985	1363938	1231129	80.53	
79 1,4-Dichlorobenze	447427	223714	894854	909786	103.34	<

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	7.10	6.60	7.60	7.09	-0.12
56 Chlorobenzene-d5	12.62	12.12	13.12	12.61	-0.07
79 1,4-Dichlorobenze	17.26	16.76	17.76	17.27	0.06

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

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1017AD.B/DS2547.D
Inj. Date : 17-OCT-2000 09:08

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

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.09	0.01	1480718	1375485	92.9%
Chlorobenzene-d5	12.63	12.61	0.02	1259551	1231129	97.7%
1,4-Dichlorobenzene-d4	17.27	17.27	-0.00	906122	909786	100.4%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\DS2547.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 17-OCT-2000 09:08
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1255-2;57-1;55-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 09:33 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.456	1.456	(0.205)	468352	50.0000	38.14
2 Vinyl chloride (*)	62	1.692	1.692	(0.239)	264111	50.0000	44.43
3 Chloromethane (**)	50	1.623	1.623	(0.229)	230127	50.0000	44.00
4 Bromomethane	94	1.968	1.968	(0.278)	280848	50.0000	46.44
5 Chloroethane	64	2.057	2.057	(0.290)	184384	50.0000	48.00
6 Trichlorofluoromethane	101	2.293	2.293	(0.323)	1096566	50.0000	55.65
7 Acrolein	56	2.687	2.687	(0.379)	157197	500.000	426.8(AQ)
8 1,1-Dichloroethene(*)	96	2.776	2.776	(0.391)	357251	50.0000	46.11
9 1,1,2-Trichlorotrifluoroethan	151	2.806	2.806	(0.396)	615931	50.0000	47.65
10 Acetone	43	2.865	2.865	(0.404)	437935	250.000	287.6(Q)
11 Iodomethane	142	2.934	2.934	(0.414)	1451411	100.000	97.26
12 Carbon disulfide	76	3.003	3.003	(0.423)	758416	50.0000	43.64
13 Methylene chloride	84	3.328	3.328	(0.469)	440118	50.0000	55.92
14 t-Butanol	59	3.564	3.564	(0.503)	222437	1250.00	1521

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.673	3.673	(0.518)	440803	50.0000	49.05
	16 Acrylonitrile	53	3.653	3.653	(0.515)	643546	500.000	549.6(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.702	3.702	(0.522)	1042103	50.0000	50.36
	18 1,1-Dichloroethane (**)	63	4.264	4.264	(0.601)	778335	50.0000	50.26
	19 Vinyl acetate	43	4.402	4.402	(0.621)	1853843	100.000	92.84
	20 Isopropyl ether	45	4.431	4.431	(0.625)	1273294	50.0000	47.54
	21 2,2-Dichloropropane	77	5.131	5.131	(0.724)	852557	50.0000	50.72
	22 Tert-butyl ethyl ether	59	5.003	5.003	(0.705)	1281862	50.0000	50.05
	23 cis-1,2-Dichloroethene	96	5.170	5.170	(0.729)	480474	50.0000	52.67
	24 2-Butanone	43	5.259	5.259	(0.742)	729201	250.000	275.7
	25 Bromochloromethane	128	5.545	5.545	(0.782)	340113	50.0000	56.50
	26 Chloroform (*)	83	5.722	5.722	(0.807)	1021255	50.0000	50.69
	27 Tetrahydrofuran	42	5.663	5.663	(0.799)	100374	50.0000	62.81
M	28 1,2-Dichloroethene (total)	100				921277	100.000	101.7
$	29 Dibromofluoromethane	111	5.988	5.988	(0.844)	917913	50.0000	46.92
	30 1,1,1-Trichloroethane	97	5.968	5.968	(0.842)	1107907	50.0000	52.81
	31 Carbon Tetrachloride	117	6.234	6.234	(0.879)	1122298	50.0000	55.93
	32 1,1-Dichloropropene	75	6.244	6.244	(0.881)	761229	50.0000	50.94
$	33 1,2-Dichloroethane-d4	65	6.520	6.520	(0.919)	666237	50.0000	50.45
	34 1,2-Dichloroethane-d4 2nd	102	6.520	6.520	(0.919)	124746	50.0000	46.82
	35 Benzene	78	6.579	6.579	(0.928)	1216337	50.0000	52.11
	36 1,2-Dichloroethane	62	6.648	6.648	(0.937)	824575	50.0000	56.10
	37 Tert-amyl methyl ether	73	6.894	6.894	(0.972)	1296078	50.0000	53.34
*	38 Fluorobenzene	96	7.091	7.091	(1.000)	1375485	50.0000	
	39 Trichloroethene	130	7.732	7.732	(1.090)	711305	50.0000	55.33
	40 1,2-Dichloropropane(*)	63	8.116	8.116	(1.144)	492028	50.0000	51.70
	41 Dibromomethane	93	8.313	8.313	(1.172)	524112	50.0000	59.12
	42 Bromodichloromethane	83	8.648	8.648	(1.220)	1108056	50.0000	56.24
	43 1-Bromo-2-chloroethane	63	9.160	9.160	(1.292)	1218318	50.0000	56.16
	44 2-Chloroethylvinyl ether	106	9.269	9.269	(1.307)	172582	100.000	142.8(A)
	45 cis-1,3-Dichloropropene	75	9.466	9.466	(1.335)	789892	50.0000	53.14
	46 4-Methyl-2-pentanone	43	9.801	9.801	(1.382)	2096067	250.000	292.8
$	47 Toluene-d8	98	9.929	9.929	(0.787)	1312165	50.0000	46.04
	48 Toluene (*)	91	10.047	10.047	(0.797)	1548815	50.0000	51.47
	49 trans-1,3-Dichloropropene	75	10.510	10.510	(0.834)	744990	50.0000	54.22
	50 1,1,2-Trichloroethane	97	10.835	10.835	(0.859)	547632	50.0000	55.17
	51 Tetrachloroethene	164	11.042	11.042	(0.876)	743772	50.0000	54.44
	52 1,3-Dichloropropane	76	11.121	11.121	(0.882)	836706	50.0000	53.54
	53 2-Hexanone	43	11.387	11.387	(0.903)	1566986	250.000	288.4
	54 Dibromochloromethane	129	11.535	11.535	(0.915)	1033176	50.0000	56.87
	55 1,2-Dibromoethane	107	11.702	11.702	(0.928)	857523	50.0000	57.05
*	56 Chlorobenzene-d5	117	12.609	12.609	(1.000)	1231129	50.0000	
	57 Chlorobenzene (**)	112	12.668	12.668	(1.005)	1289607	50.0000	53.31
	58 1,1,1,2-Tetrachloroethane	131	12.855	12.855	(1.020)	798646	50.0000	54.60
	59 Ethylbenzene (*)	106	12.924	12.924	(1.025)	593975	50.0000	52.62
	60 m,p-Xylenes	106	13.160	13.160	(1.044)	1466642	100.000	103.4
	61 o-Xylene	106	13.929	13.929	(1.105)	732598	50.0000	53.47

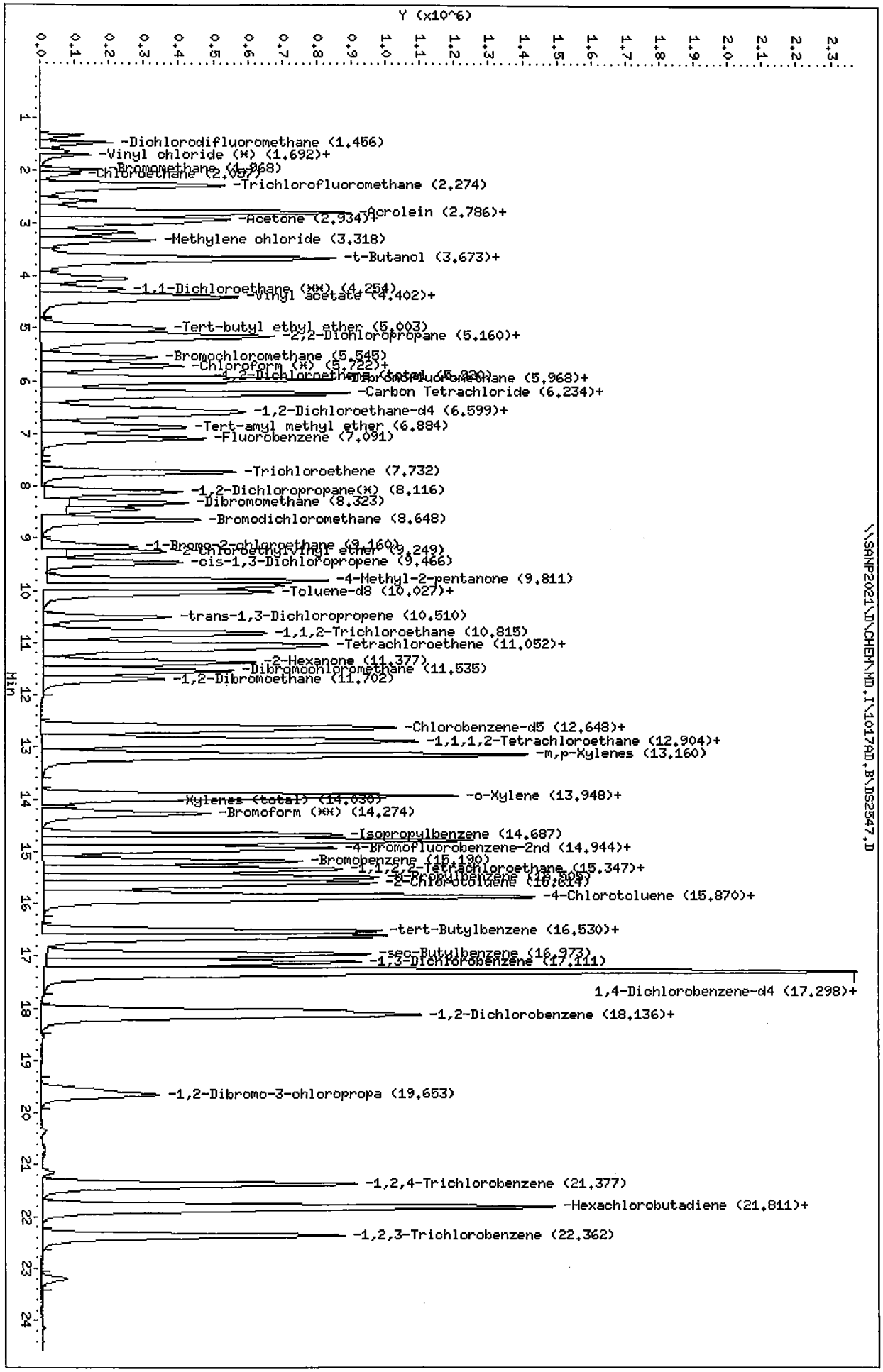
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.958	13.958	(1.107)	1198007	50.0000	52.64
M	63 Xylenes (total)	100				2199241	150.000	156.9
	64 Bromoform (**)	173	14.274	14.274	(1.132)	878379	50.0000	59.94
	65 Isopropylbenzene	105	14.687	14.687	(1.165)	2354599	50.0000	54.51
	66 4-Bromofluorobenzene-2nd	174	14.953	14.953	(0.866)	850767	50.0000	46.96
$	67 4-Bromofluorobenzene	95	14.953	14.953	(0.866)	1137249	50.0000	47.04
	68 Bromobenzene	156	15.190	15.190	(0.880)	809507	50.0000	53.56
	69 1,1,2,2-Tetrachloroethane(**)	83	15.338	15.338	(0.888)	868765	50.0000	55.83
	70 1,2,3-Trichloropropane	110	15.367	15.367	(0.890)	308560	50.0000	60.54
	71 n-Propylbenzene	91	15.505	15.505	(0.898)	2258024	50.0000	47.95
	72 2-Chlorotoluene	126	15.614	15.614	(0.904)	599831	50.0000	52.68
	73 4-Chlorotoluene	126	15.850	15.850	(0.918)	627831	50.0000	52.80
	74 1,3,5-Trimethylbenzene	105	15.899	15.899	(0.921)	2028170	50.0000	53.54
	75 tert-Butylbenzene	119	16.530	16.530	(0.957)	2075667	50.0000	53.05
	76 1,2,4-Trimethylbenzene	105	16.628	16.628	(0.963)	2022602	50.0000	52.44
	77 sec-Butylbenzene	105	16.973	16.973	(0.983)	2733563	50.0000	53.27
	78 1,3-Dichlorobenzene	146	17.111	17.111	(0.991)	1342314	50.0000	52.95
*	79 1,4-Dichlorobenzene-d4	152	17.269	17.269	(1.000)	909786	50.0000	
	80 1,4-Dichlorobenzene	146	17.308	17.308	(1.002)	1456425	50.0000	52.66
	81 p-Isopropyltoluene	119	17.308	17.308	(1.002)	2289575	50.0000	54.08
	82 1,2-Dichlorobenzene	146	18.037	18.037	(1.045)	1312307	50.0000	54.13
	83 n-Butylbenzene	91	18.136	18.136	(1.050)	2187448	50.0000	54.10
	84 1,2-Dibromo-3-chloropropane	157	19.663	19.663	(1.139)	325385	50.0000	61.69
	85 1,2,4-Trichlorobenzene	180	21.367	21.367	(1.237)	1212501	50.0000	54.15
	86 Hexachlorobutadiene	225	21.801	21.801	(1.262)	977428	50.0000	57.80
	87 Napthalene	128	21.850	21.850	(1.265)	1769444	50.0000	52.24
	88 1,2,3-Trichlorobenzene	180	22.362	22.362	(1.295)	1142953	50.0000	54.70

QC Flag Legend

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

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\DS2547.D
Date : 17-OCT-2000 09:08
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\1017AD.B\D13113.D
Lab Smp Id: LCS-1017AD Client Smp ID: D13113
Inj Date : 17-OCT-2000 09:52
Operator : GFB Inst ID: md.i
Smp Info : LCS-1017AD,LCS,2,,0,1,0,8260BDA.M,D13113
Misc Info : 1252-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 09:33 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.780	2.776	(0.392)	383339	47.5179	47.52
$ 29 Dibromofluoromethane	111	5.992	5.988	(0.844)	1015189	49.8320	49.83
$ 33 1,2-Dichloroethane-d4	65	6.514	6.520	(0.918)	672996	48.9419	48.94
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.520	(0.919)	138120	49.7868	49.79
35 Benzene	78	6.583	6.579	(0.928)	1185046	48.7554	48.76
* 38 Fluorobenzene	96	7.096	7.091	(1.000)	1432254	50.0000	
39 Trichloroethene	130	7.746	7.732	(1.092)	690256	51.5645	51.56
$ 47 Toluene-d8	98	9.923	9.929	(0.787)	1343741	46.0570	46.06
48 Toluene (*)	91	10.041	10.047	(0.796)	1496154	48.5678	48.57
* 56 Chlorobenzene-d5	117	12.613	12.609	(1.000)	1260302	50.0000	
57 Chlorobenzene (**)	112	12.662	12.668	(1.004)	1204733	48.6453	48.64
$ 67 4-Bromofluorobenzene	95	14.948	14.953	(0.866)	1138230	45.9158	45.92
66 4-Bromofluorobenzene-2nd	174	14.948	14.953	(0.866)	854159	45.9884	45.99
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.269	(1.000)	932775	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13113.D

Date : 17-OCT-2000 09:52

Client ID: D13113

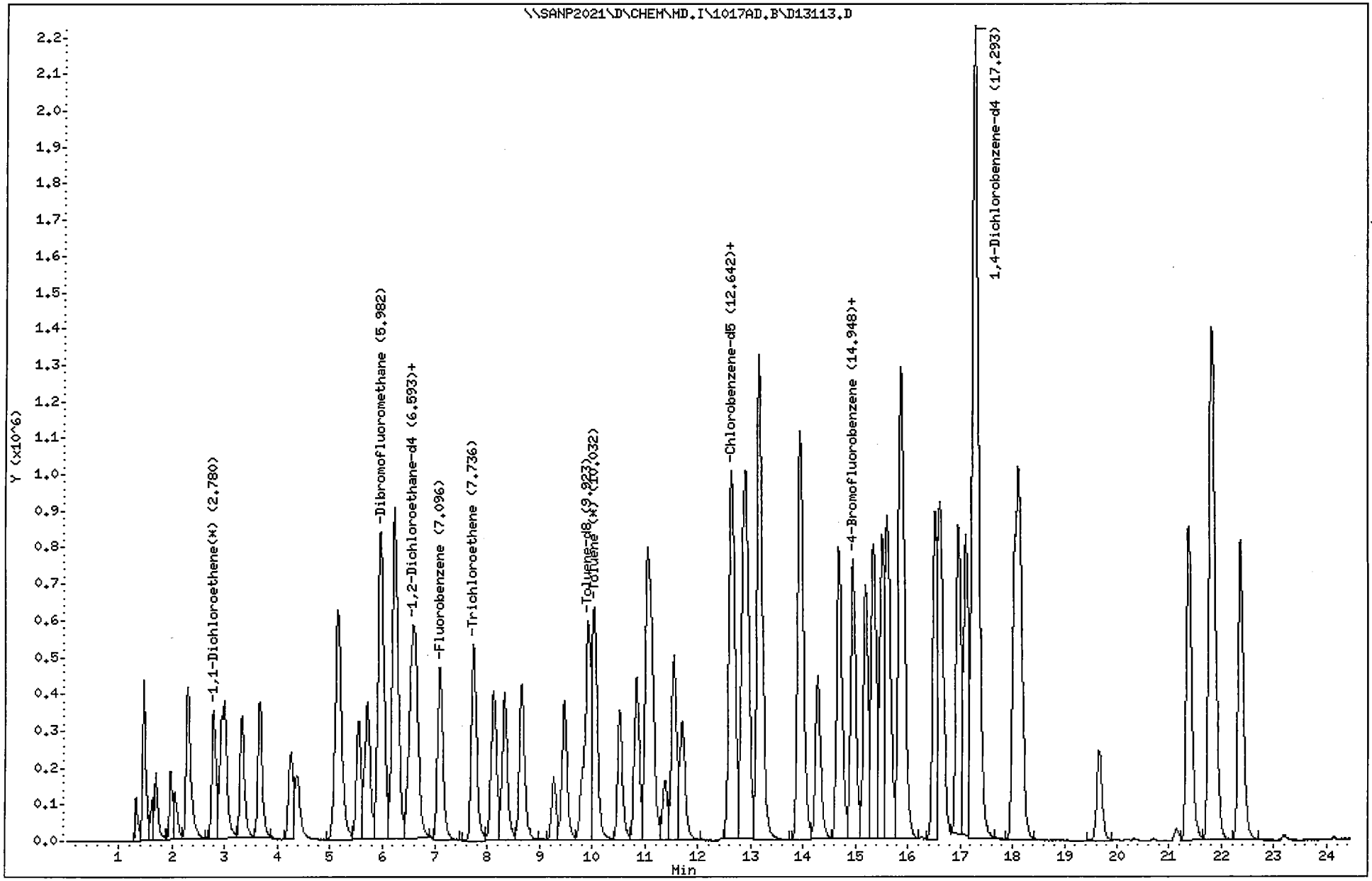
Sample Info: LCS-1017AD,LCS,2,,0,1,0,8260BDA.M,D13113

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



BOE-C6-0169872

000587

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13114.D
Lab Smp Id: MB-1017AD Client Smp ID: D13114
Inj Date : 17-OCT-2000 10:23
Operator : GFB Inst ID: md.i
Smp Info : MB-1017AD,BLANK,2,,0,1,0,8260BDA.M,D13114
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
13 Methylene chloride	84	3.327	3.328	(0.468)	47694	6.70453	6.70	
$ 29 Dibromofluoromethane	111	5.987	5.988	(0.842)	850185	48.0794	48.08	
$ 33 1,2-Dichloroethane-d4	65	6.519	6.520	(0.917)	536310	44.9333	44.93	
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.520	(0.917)	107525	44.6532	44.65	
* 38 Fluorobenzene	96	7.110	7.091	(1.000)	1243185	50.0000		
$ 47 Toluene-d8	98	9.928	9.929	(0.787)	1235237	48.9378	48.94	
* 56 Chlorobenzene-d5	117	12.607	12.609	(1.000)	1090338	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.942	14.953	(0.865)	756859	49.9445	49.94	
$ 67 4-Bromofluorobenzene	95	14.942	14.953	(0.865)	1018029	50.3334	50.33	
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.269	(1.000)	761050	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\1017AD.B\D13114.D
Lab Smp Id: MB-1017AD Client Smp ID: D13114
Inj Date : 17-OCT-2000 10:23
Operator : GFB Inst ID: md.i
Smp Info : MB-1017AD,BLANK,2,,0,1,0,8260BDA.M,D13114
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.110	2893312	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	467035	8.07093758	8.07	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1017AD
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13114
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

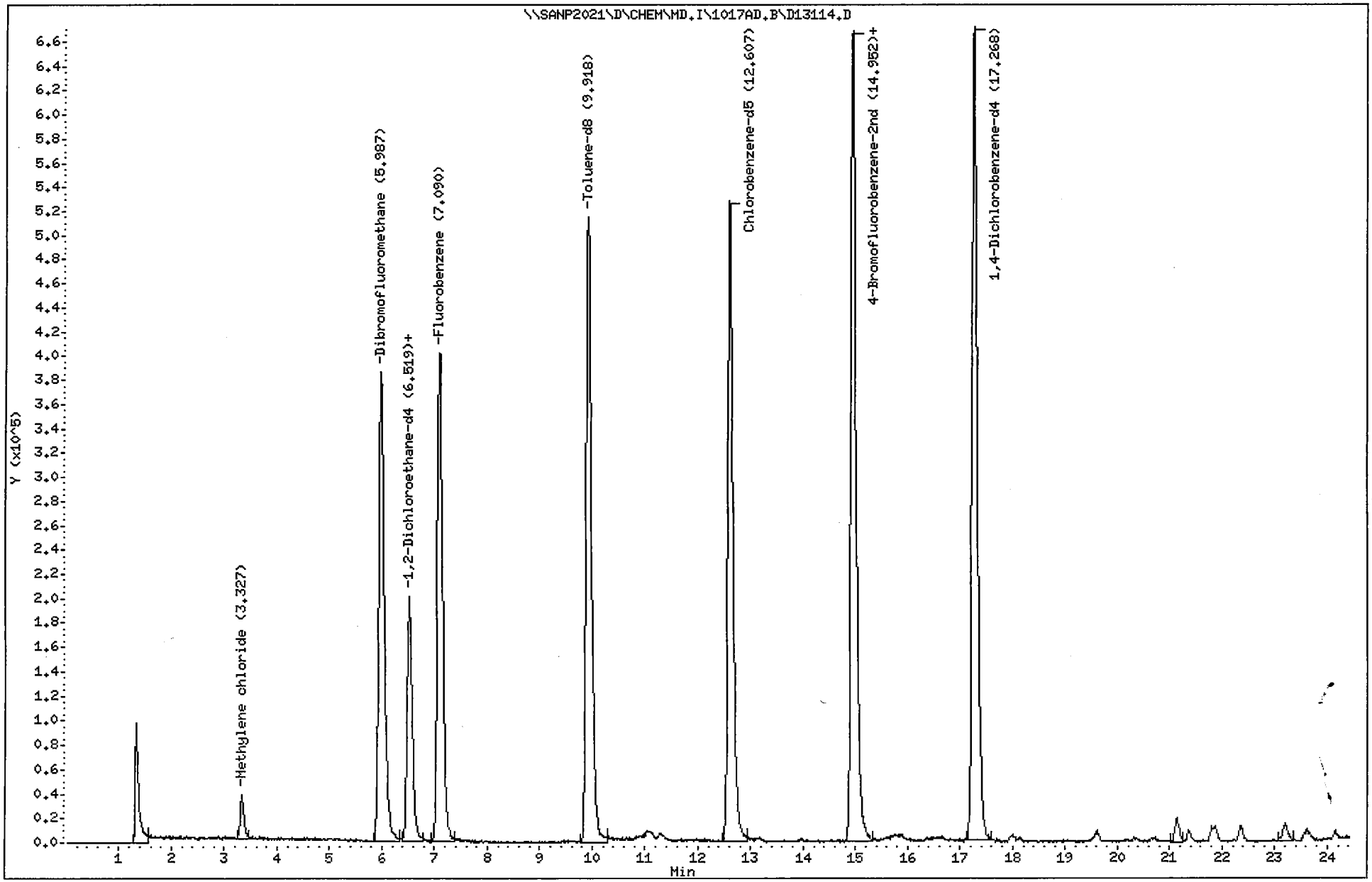
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Un~~known~~	1.327	8.07	J

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13114.D
Date : 17-OCT-2000 10:23
Client ID: D13114
Sample Info: MB-1017AD,BLANK,2,,0,1,0,8260BDA.M,D13114

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



000592

BOE-C6-0169877

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13114.D

Date : 17-OCT-2000 10:23

Client ID: D13114

Instrument: md.i

Sample Info: MB-1017AD,BLANK,2,,0,1,0,8260BDA.M,D13114

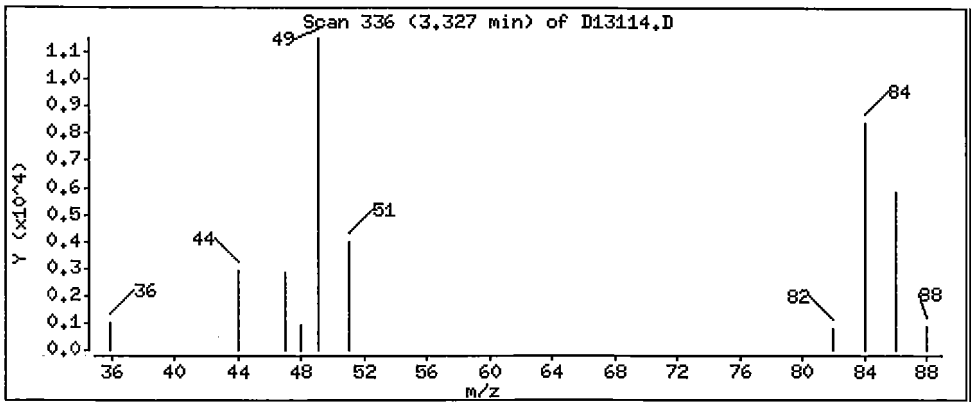
Operator: GFB

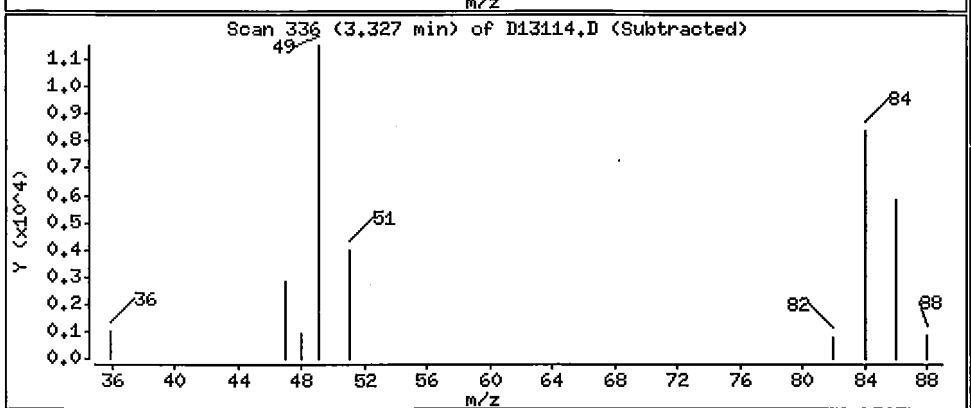
Column phase: J&W DB-624

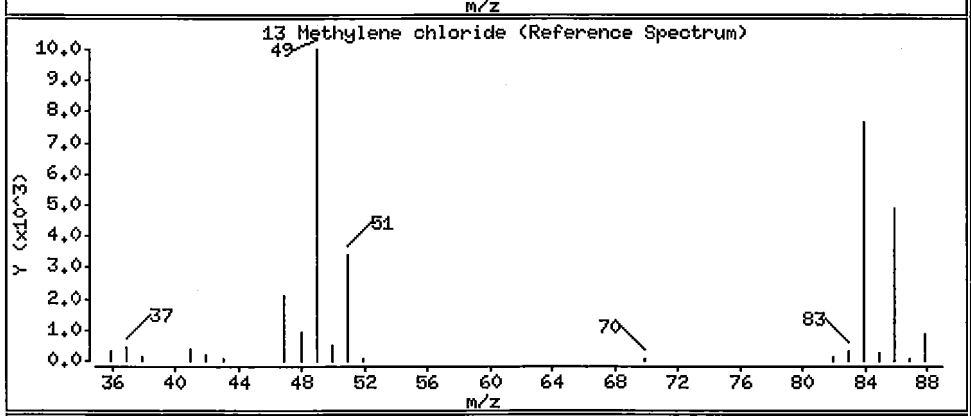
Column diameter: 0.53

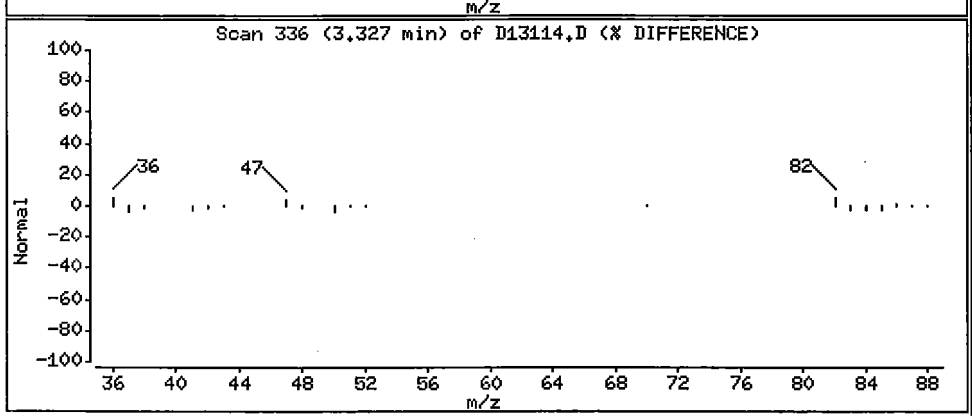
13 Methylene chloride

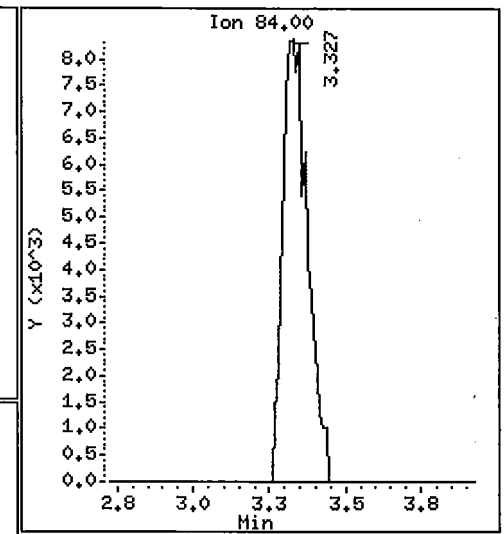
Concentration: 6.70 ug/Kg

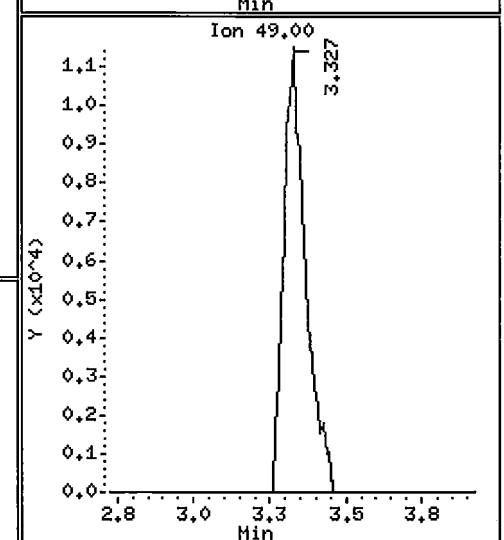


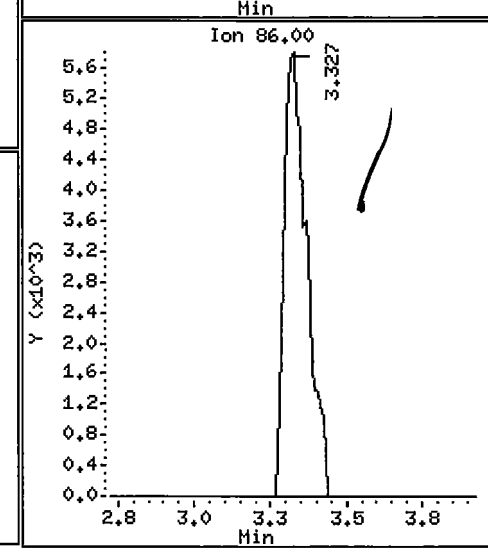












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13114.D

Date : 17-OCT-2000 10:23

Client ID: D13114

Instrument: md.i

Sample Info: MB-1017AD,BLANK,2,,0,1,0,8260BDA,M,D13114

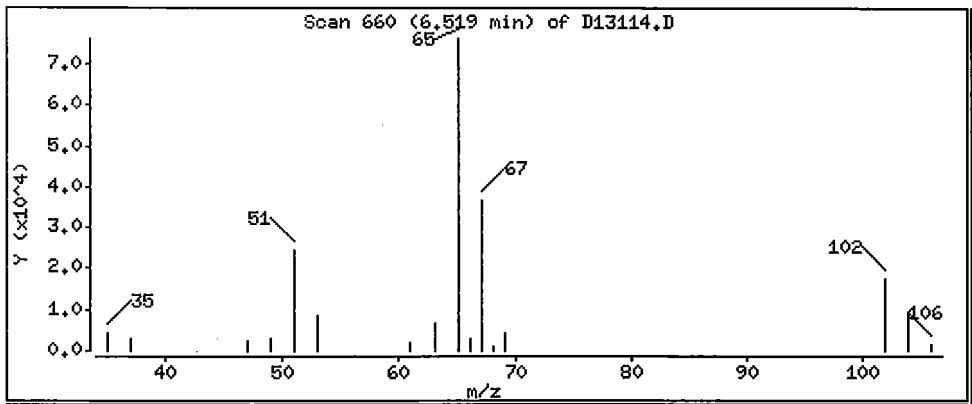
Operator: GFB

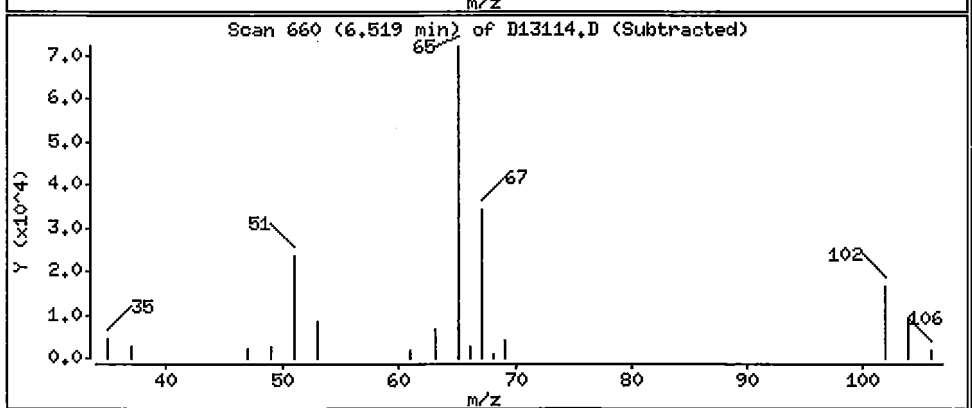
Column phase: J&W DB-624

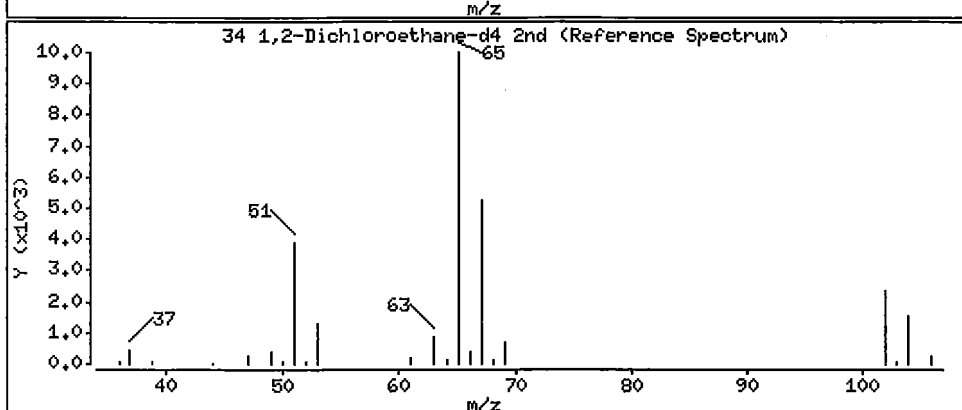
Column diameter: 0.53

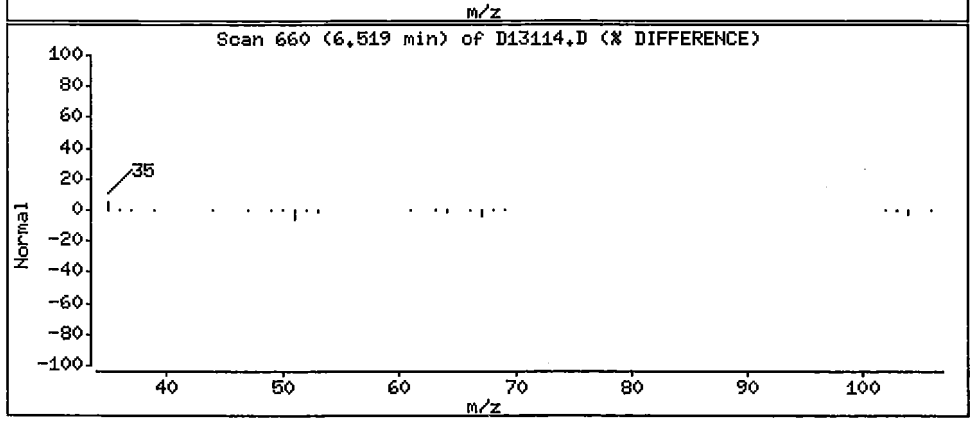
34 1,2-Dichloroethane-d4 2nd

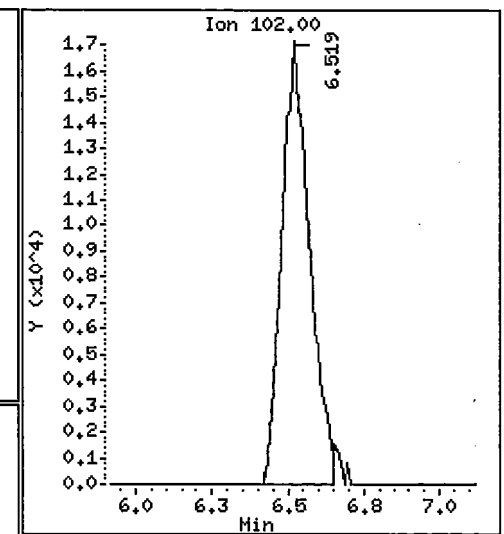
Concentration: 44.65 ug/Kg

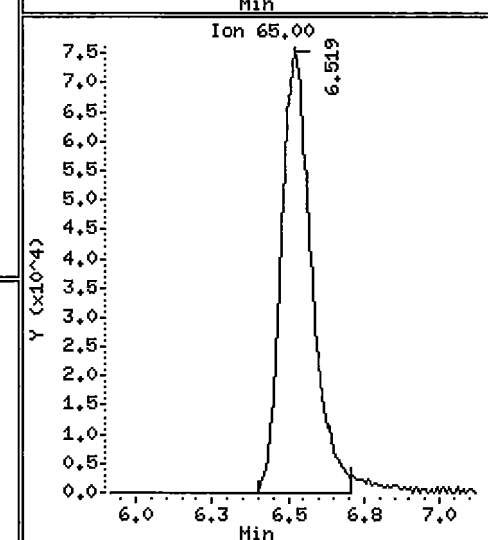












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13114.D

Date : 17-OCT-2000 10:23

Client ID: D13114

Instrument: md.i

Sample Info: MB-1017AD,BLANK,2,,0,1,0,8260BDA.M,D13114

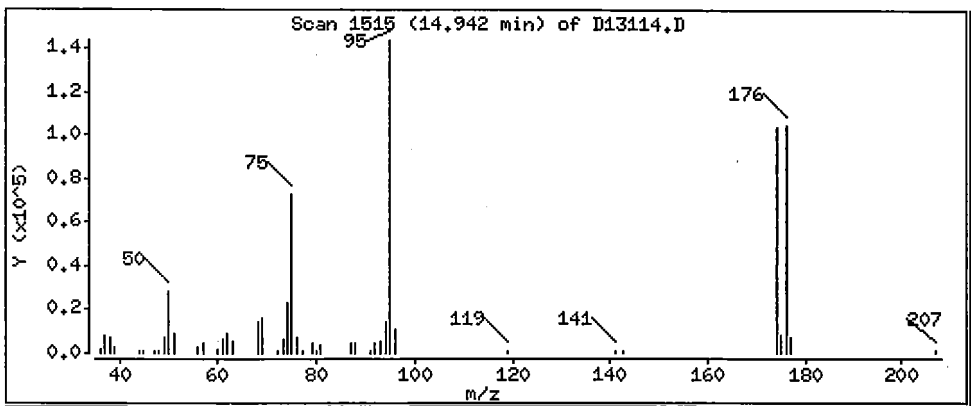
Operator: GFB

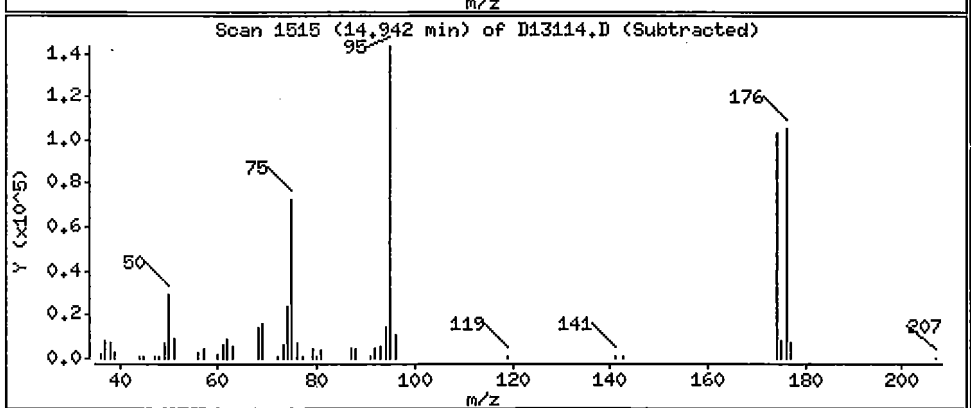
Column phase: J&W DB-624

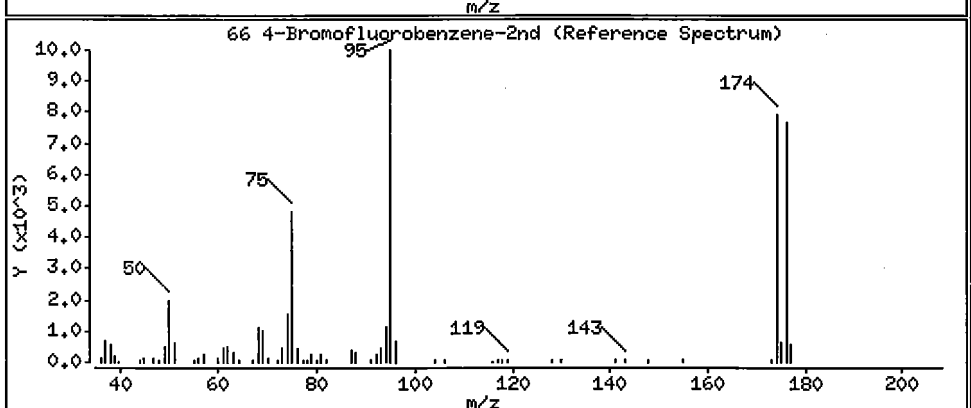
Column diameter: 0.53

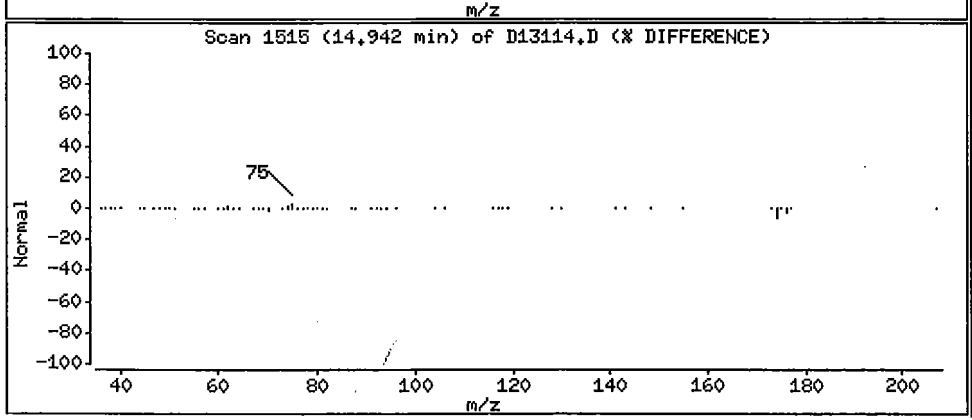
66 4-Bromofluorobenzene-2nd

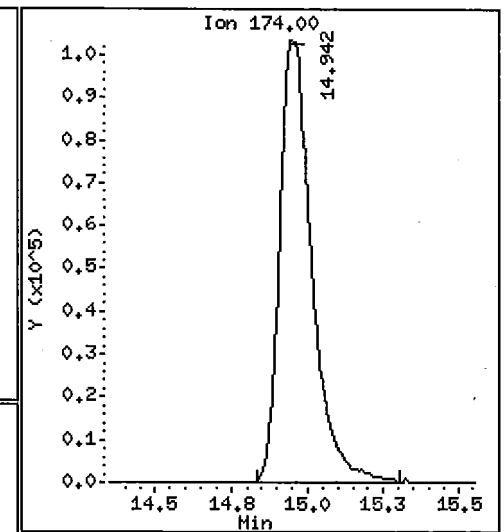
Concentration: 49.94 ug/Kg

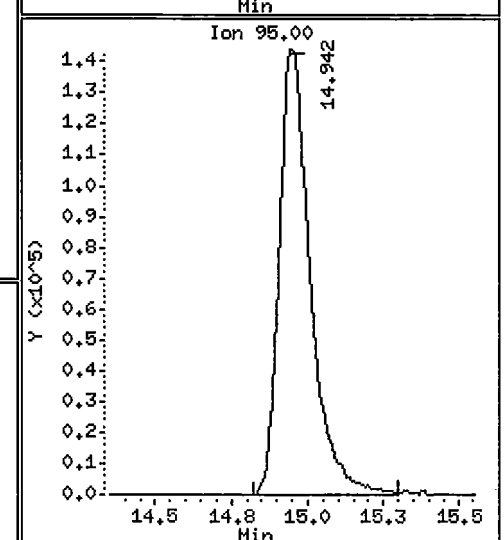


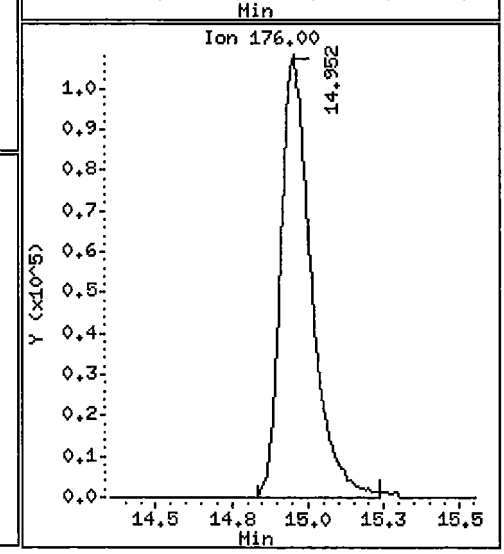












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13114.D

Date : 17-OCT-2000 10:23

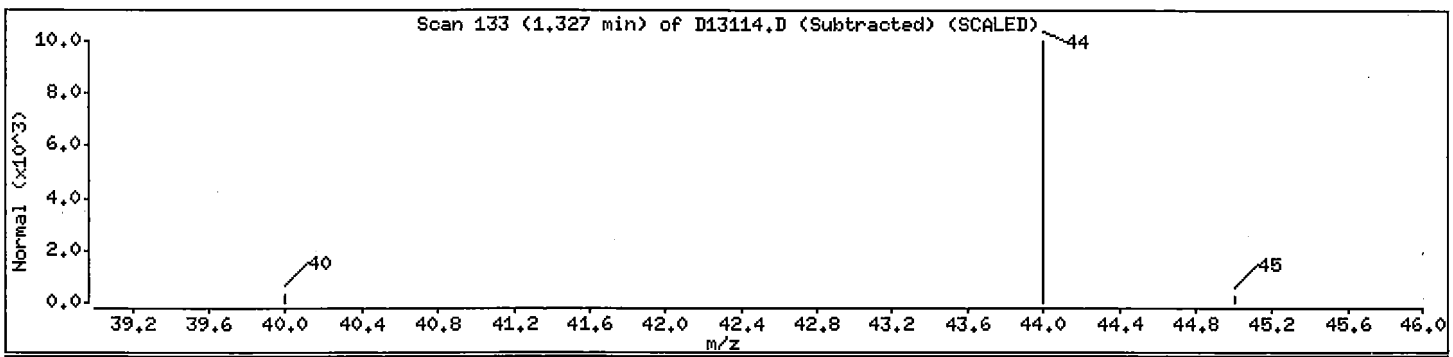
Client ID: D13114 Instrument: md.i

Sample Info: MB-1017AD,BLANK,2,,0,1,0,8260BDA.M,D13114

Operator: GFB

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

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13120.D
Lab Smp Id: DLJN8102 Client Smp ID: D13120
Inj Date : 17-OCT-2000 13:37
Operator : GFB Inst ID: md.i
Smp Info : DLJN8102,MS,2,,0,1,0,8260BDA.M,D13120
Misc Info : 325-22S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
8 1,1-Dichloroethene(*)	96	2.785	2.776	(0.393)	346398	44.2402	44.24	
$ 29 Dibromofluoromethane	111	5.977	5.988	(0.843)	932466	47.1586	47.16	
$ 33 1,2-Dichloroethane-d4	65	6.529	6.520	(0.921)	642610	48.1485	48.15	
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.520	(0.921)	132937	49.3710	49.37	
35 Benzene	78	6.588	6.579	(0.929)	1084622	45.9762	45.98	
* 38 Fluorobenzene	96	7.090	7.091	(1.000)	1390122	50.0000		
39 Trichloroethene	130	7.750	7.732	(1.093)	643781	49.5503	49.55	
$ 47 Toluene-d8	98	9.928	9.929	(0.786)	1351891	45.9234	45.92	
48 Toluene (*)	91	10.036	10.047	(0.795)	1337360	43.0262	43.03	
* 56 Chlorobenzene-d5	117	12.627	12.609	(1.000)	1271633	50.0000		
57 Chlorobenzene (**)	112	12.667	12.668	(1.003)	1107854	44.3349	44.33	
$ 67 4-Bromofluorobenzene	95	14.972	14.953	(0.867)	1146165	46.0152	46.02	
66 4-Bromofluorobenzene-2nd	174	14.962	14.953	(0.866)	865414	46.3720	46.37	
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.269	(1.000)	937247	50.0000		(Q)

QC Flag Legend

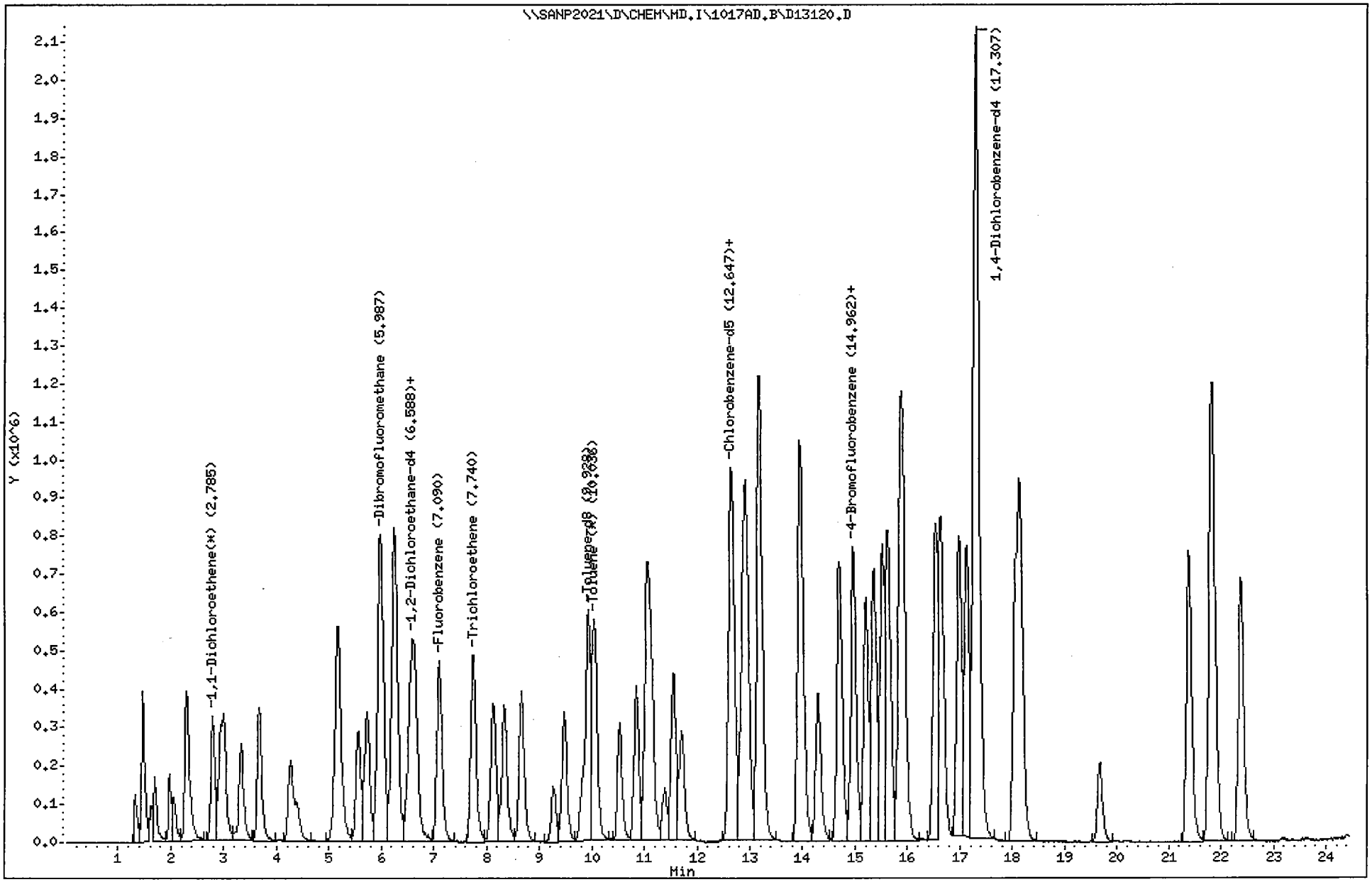
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13120.D
Date : 17-OCT-2000 13:37
Client ID: D13120
Sample Info: DLJN8102,MS,2,,0,1,0,8260BDA.M,D13120

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



000599

BOE-C6-0169884

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13121.D
Lab Smp Id: DLJN8103 Client Smp ID: D13121
Inj Date : 17-OCT-2000 14:09
Operator : GFB Inst ID: md.i
Smp Info : DLJN8103,MSD,2,,0,1,0,8260BDA.M,D13121
Misc Info : 325-22D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10 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	2.796	2.776	(0.393)	301196	51.0219	51.02
$ 29 Dibromofluoromethane	111	5.988	5.988	(0.841)	675390	45.3053	45.30
$ 33 1,2-Dichloroethane-d4	65	6.530	6.520	(0.917)	369089	36.6803	36.68
34 1,2-Dichloroethane-d4 2nd	102	6.540	6.520	(0.918)	70270	34.6151	34.62
35 Benzene	78	6.599	6.579	(0.927)	827216	46.5093	46.51
* 38 Fluorobenzene	96	7.121	7.091	(1.000)	1048061	50.0000	
39 Trichloroethene	130	7.742	7.732	(1.087)	516321	52.7102	52.71
$ 47 Toluene-d8	98	9.929	9.929	(0.786)	1050435	53.3338	53.33
48 Toluene (*)	91	10.047	10.047	(0.796)	1049230	50.4541	50.45
* 56 Chlorobenzene-d5	117	12.629	12.609	(1.000)	850788	50.0000	
57 Chlorobenzene (**)	112	12.678	12.668	(1.004)	790319	47.2722	47.27
$ 67 4-Bromofluorobenzene	95	14.964	14.953	(0.866)	774769	49.3399	49.34
66 4-Bromofluorobenzene-2nd	174	14.973	14.953	(0.867)	579237	49.2335	49.23
* 79 1,4-Dichlorobenzene-d4	152	17.279	17.269	(1.000)	590857	50.0000	(Q)

QC Flag Legend

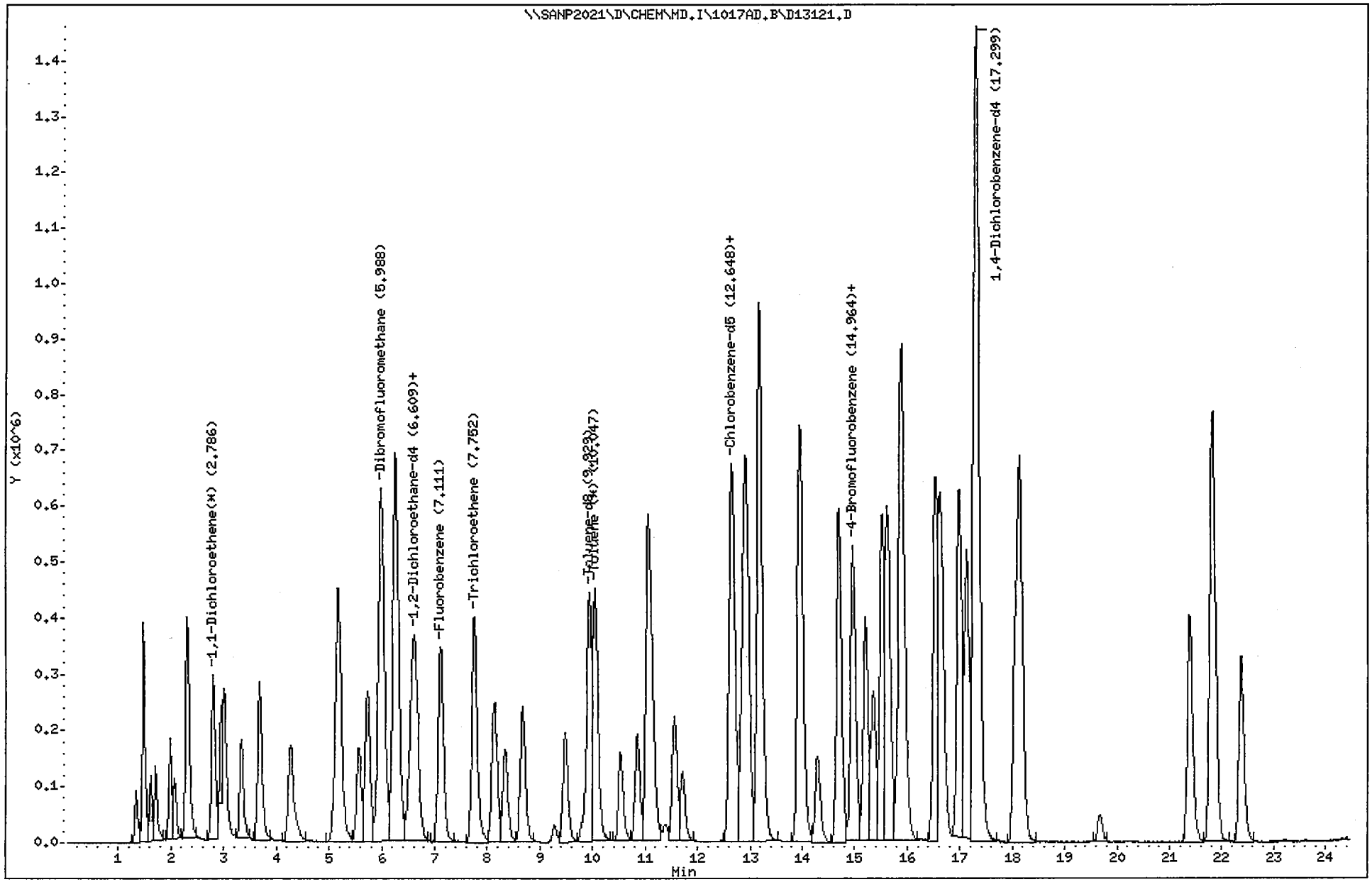
Q - Qualifier signal failed the ratio test.

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13121.D
Date : 17-OCT-2000 14:09
Client ID: D13121
Sample Info: DLJN8103,MSD,2,,0,1,0,8260BDA,M,D13121

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0169887

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13115.D
Lab Smp Id: DLJN8101 Client Smp ID: D13115
Inj Date : 17-OCT-2000 10:58
Operator : GFB Inst ID: md.i
Smp Info : DLJN8101,,2,,0,1,0,8260BDA.M,D13115
Misc Info : E0J040325-22,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
13 Methylene chloride	84	3.317	3.328	(0.467)	8216	1.08757	1.09(aQ)
$ 29 Dibromofluoromethane	111	5.987	5.988	(0.843)	892886	47.5473	47.55
$ 33 1,2-Dichloroethane-d4	65	6.529	6.520	(0.920)	602293	47.5164	47.52
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.520	(0.918)	116583	45.5894	45.59
* 38 Fluorobenzene	96	7.101	7.091	(1.000)	1320237	50.0000	
$ 47 Toluene-d8	98	9.928	9.929	(0.787)	1300947	47.7258	47.72
* 56 Chlorobenzene-d5	117	12.618	12.609	(1.000)	1177500	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.953	14.953	(0.866)	793288	47.4499	47.45
$ 67 4-Bromofluorobenzene	95	14.953	14.953	(0.866)	1059835	47.4968	47.50
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.269	(1.000)	839619	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\1017AD.B\D13115.D
Lab Smp Id: DLJN8101 Client Smp ID: D13115
Inj Date : 17-OCT-2000 10:58
Operator : GFB Inst ID: md.i
Smp Info : DLJN8101,,2,,0,1,0,8260BDA.M,D13115
Misc Info : E0J040325-22,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.101	3074719	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.327	700500	11.3912891	11.39	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJN8101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13115
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

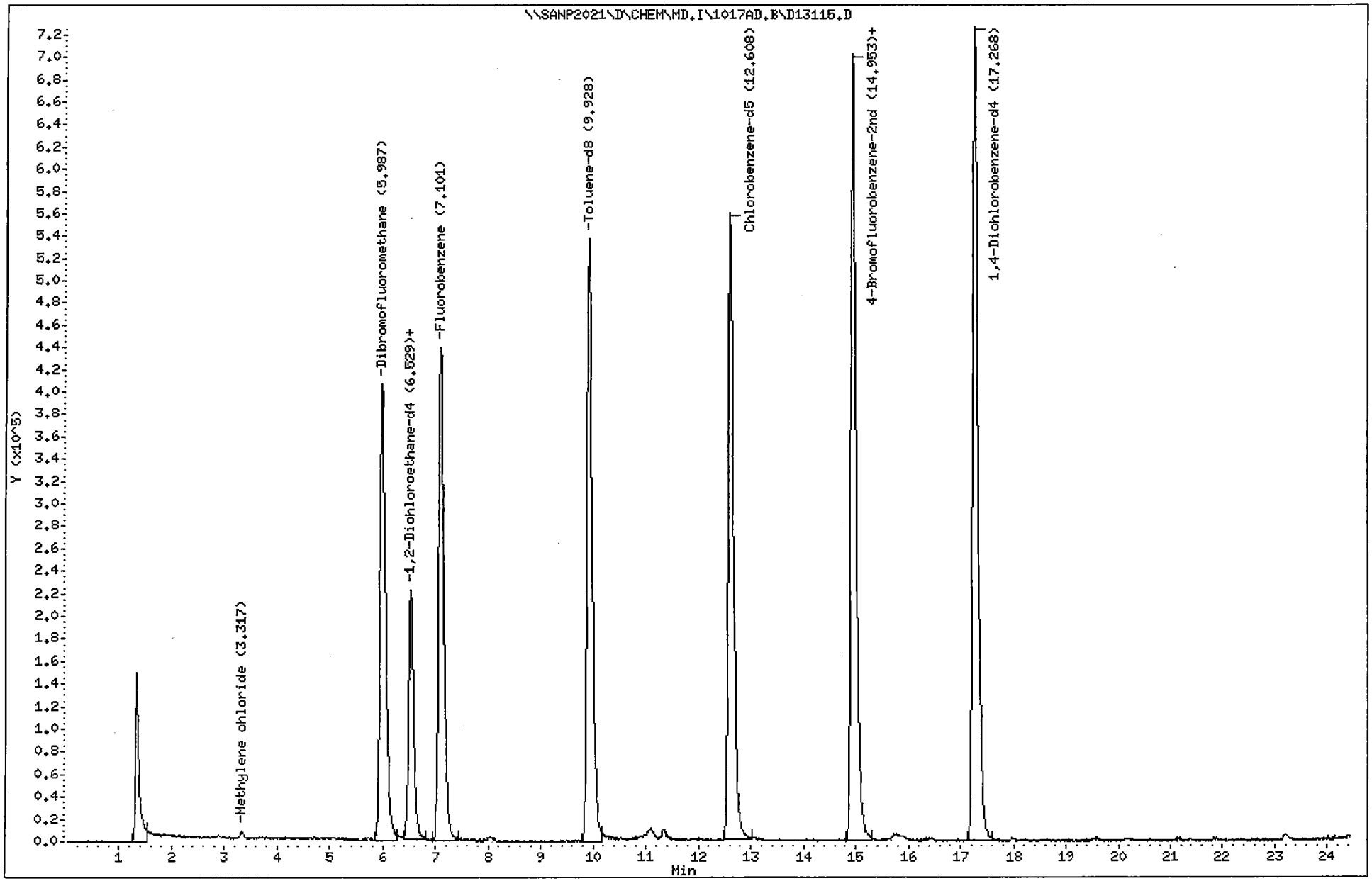
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ J	1.327	11.39	J

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13115.D
Date : 17-OCT-2000 10:58
Client ID: D13115
Sample Info: DLJN8101,,2,,0,1,0,8260BDA.M,D13115

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0169892

000607

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13115.D

Date : 17-OCT-2000 10:58

Client ID: D13115

Instrument: md.i

Sample Info: DLJN8101,,2,,0,1,0,8260BDA.M,D13115

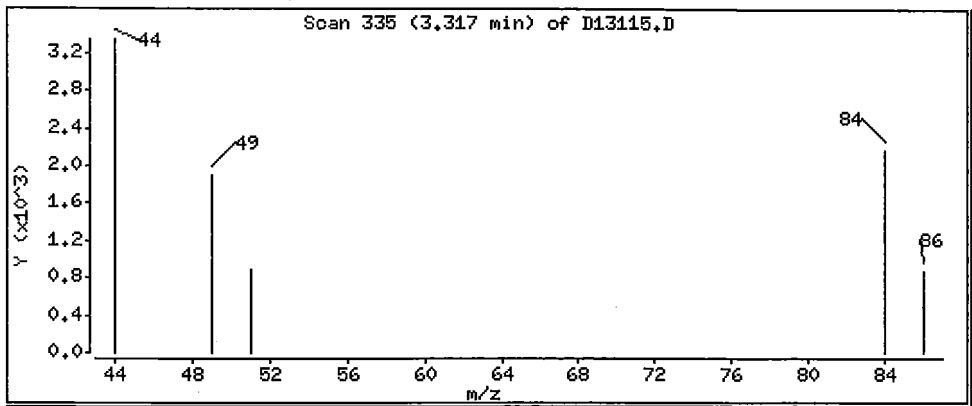
Operator: GFB

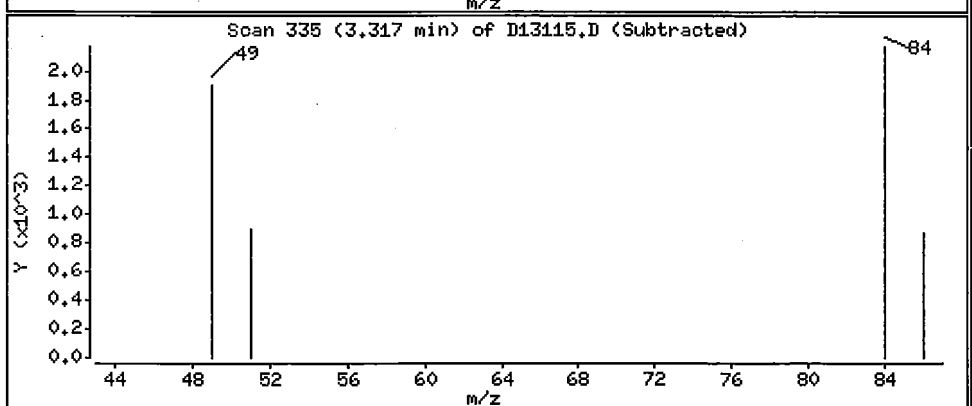
Column phase: J&W DB-624

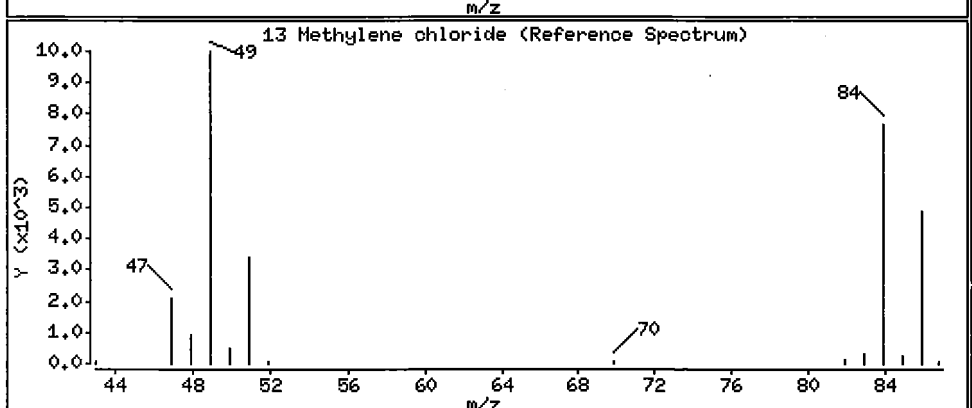
Column diameter: 0.53

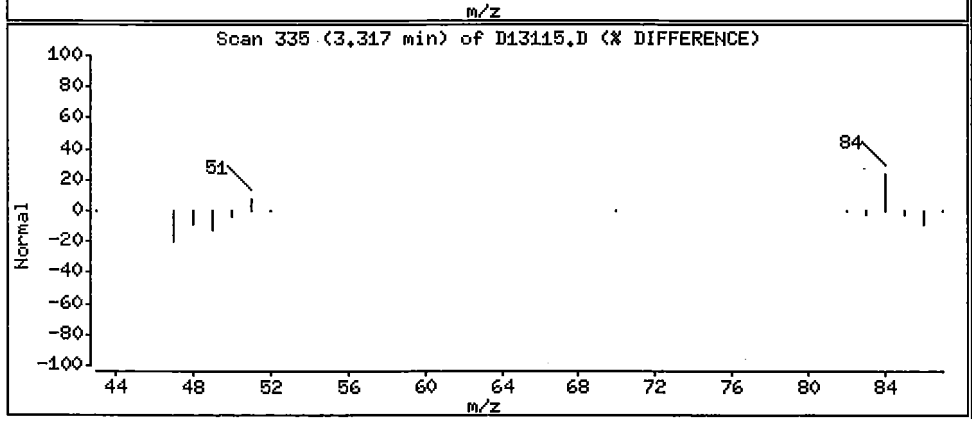
13 Methylene chloride

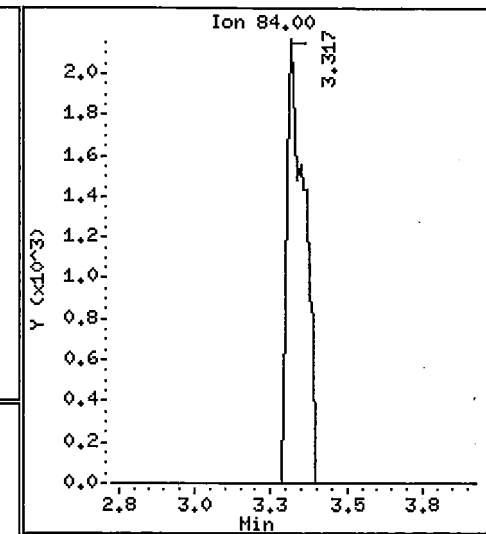
Concentration: 1.09 ug/Kg

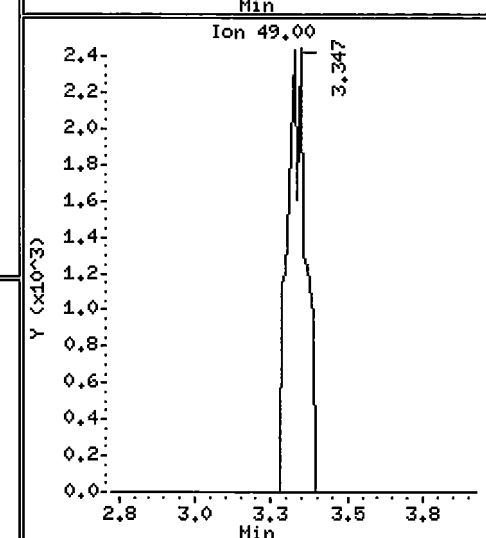


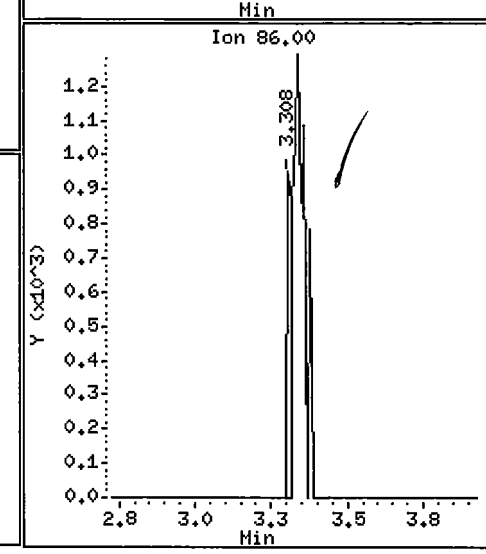












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13115.D

Date : 17-OCT-2000 10:58

Client ID: D13115

Instrument: md.i

Sample Info: DLJN8101,,2,,0,1,0,8260BDA.M,D13115

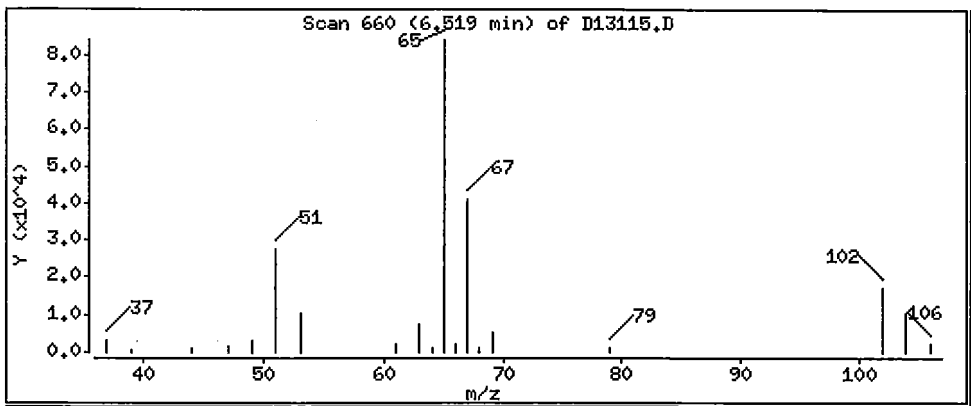
Operator: GFB

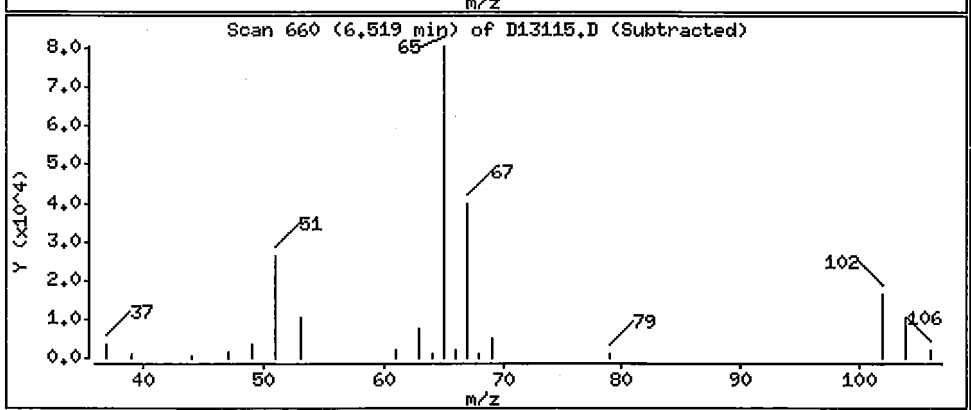
Column phase: J&W DB-624

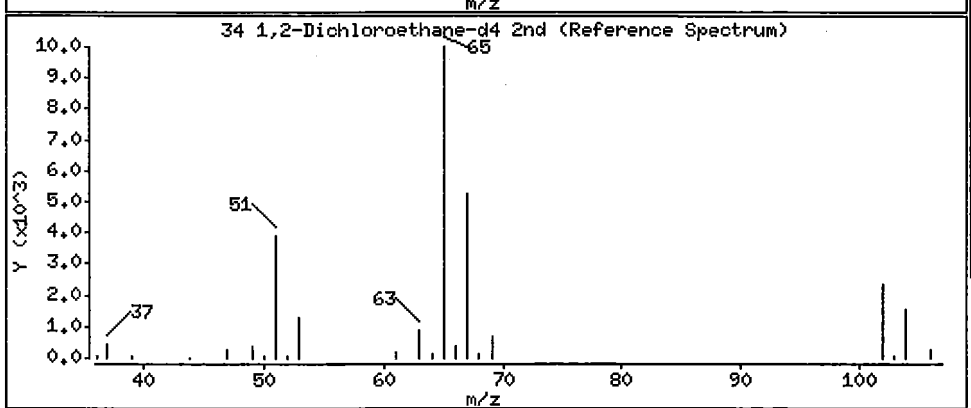
Column diameter: 0.53

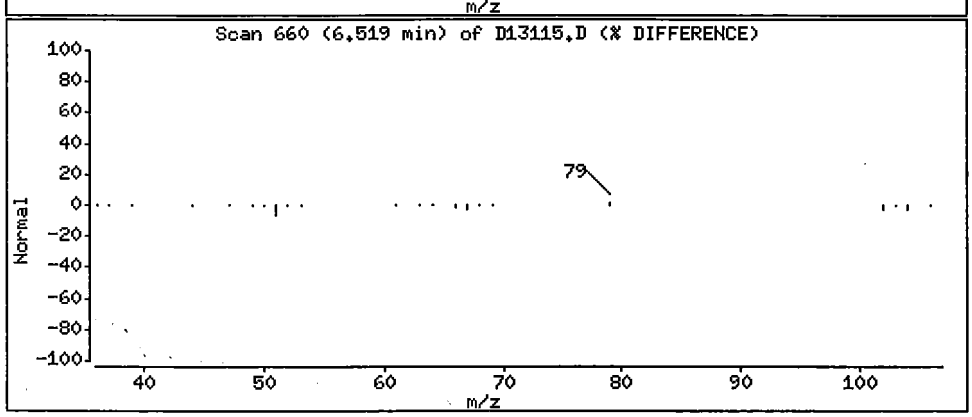
34 1,2-Dichloroethane-d4 2nd

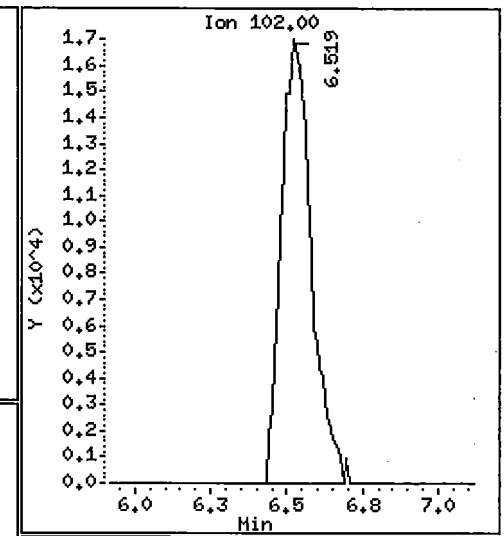
Concentration: 45.59 ug/Kg

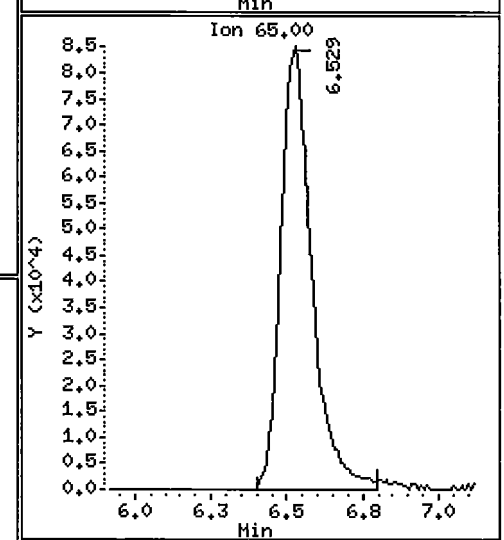












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13115.D

Date : 17-OCT-2000 10:58

Client ID: D13115

Instrument: md.i

Sample Info: DLJN8101,,2,,0,1,0,8260BDA.M,D13115

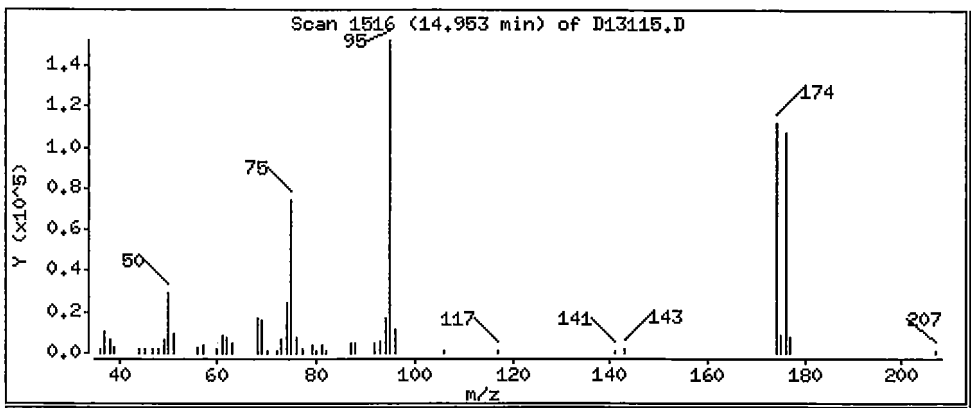
Operator: GFB

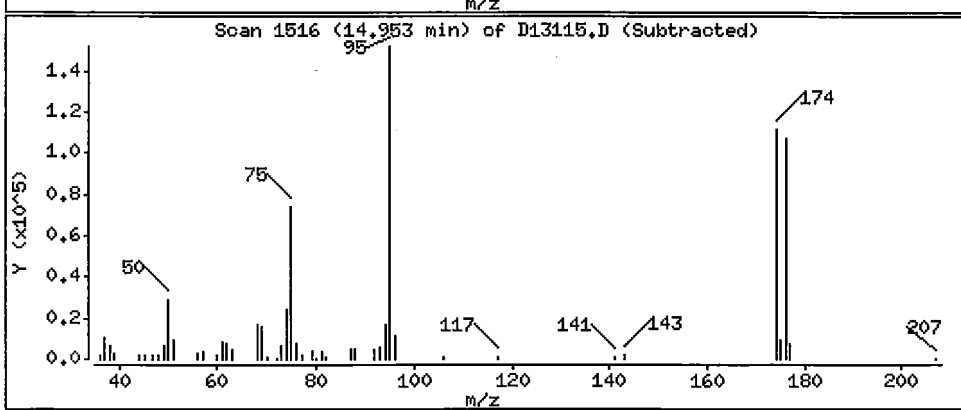
Column phase: J&W DB-624

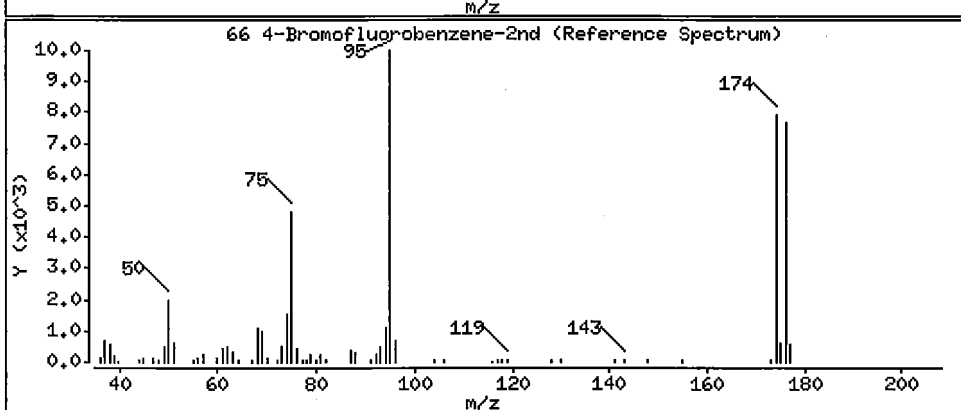
Column diameter: 0.53

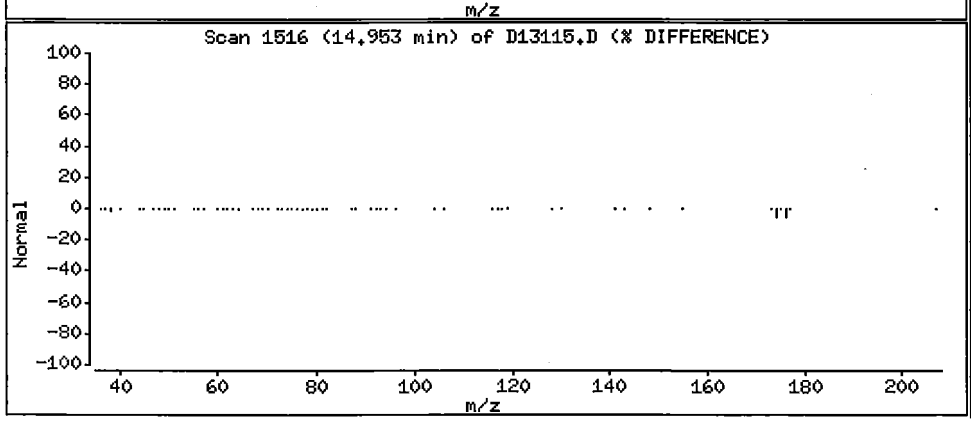
66 4-Bromofluorobenzene-2nd

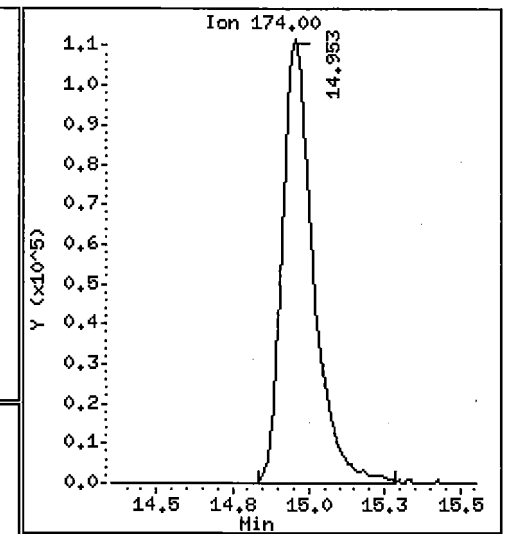
Concentration: 47.45 ug/Kg

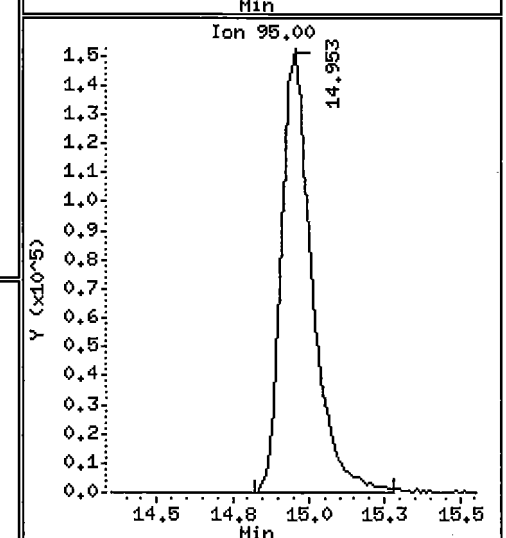


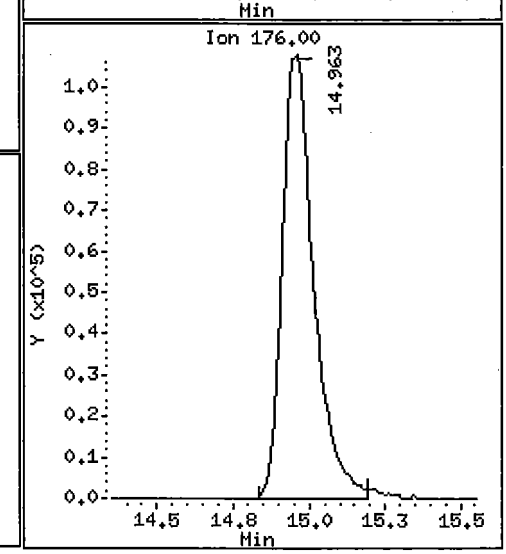












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13115.D

Date : 17-OCT-2000 10:58

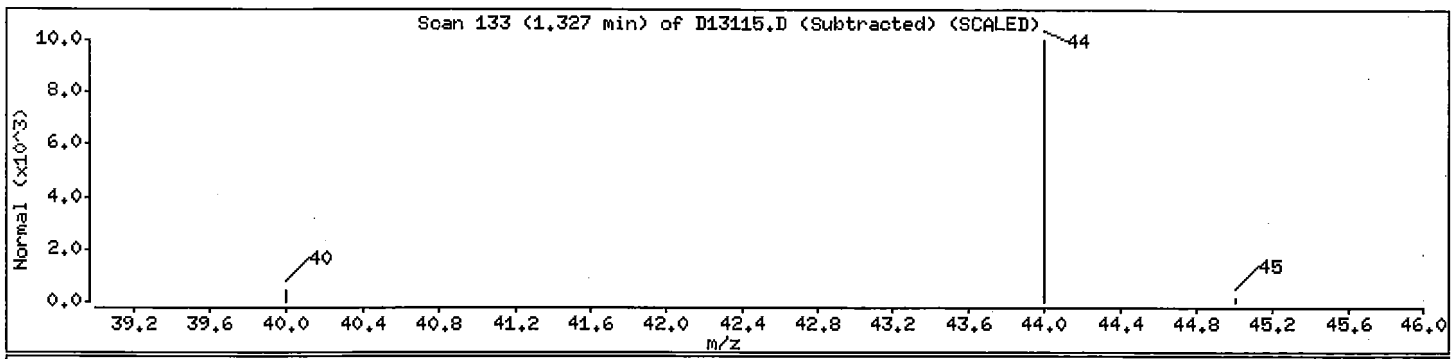
Client ID: D13115 Instrument: md.i

Sample Info: DLJN8101,,2,,0,1,0,8260BDA.M,D13115

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\1017AD.B\D13117.D
Lab Smp Id: DLJN9101 Client Smp ID: D13117
Inj Date : 17-OCT-2000 12:02
Operator : GFB Inst ID: md.i
Smp Info : DLJN9101,,2,,0,1,0,8260BDA.M,D13117
Misc Info : E0J040325-23,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.982	5.988	(0.842)	880135	45.3954	45.40	
$ 33 1,2-Dichloroethane-d4	65	6.534	6.520	(0.920)	590262	45.1040	45.10	
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.520	(0.918)	116718	44.2076	44.21	
* 38 Fluorobenzene	96	7.105	7.091	(1.000)	1363070	50.0000		
$ 47 Toluene-d8	98	9.923	9.929	(0.786)	1249154	45.0765	45.08	
* 56 Chlorobenzene-d5	117	12.622	12.609	(1.000)	1197072	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.967	14.953	(0.867)	787974	45.2035	45.20	
$ 67 4-Bromofluorobenzene	95	14.947	14.953	(0.865)	1041821	44.7792	44.78	
* 79 1,4-Dichlorobenzene-d4	152	17.272	17.269	(1.000)	875439	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\1017AD.B\D13117.D
Lab Smp Id: DLJN9101 Client Smp ID: D13117
Inj Date : 17-OCT-2000 12:02
Operator : GFB Inst ID: md.i
Smp Info : DLJN9101,,2,,0,1,0,8260BDA.M,D13117
Misc Info : E0J040325-23,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.105	3068397	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	518607	8.45077274	8.45	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJN9101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13117
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.	Un~~known~~ N	1.322	8.45	J

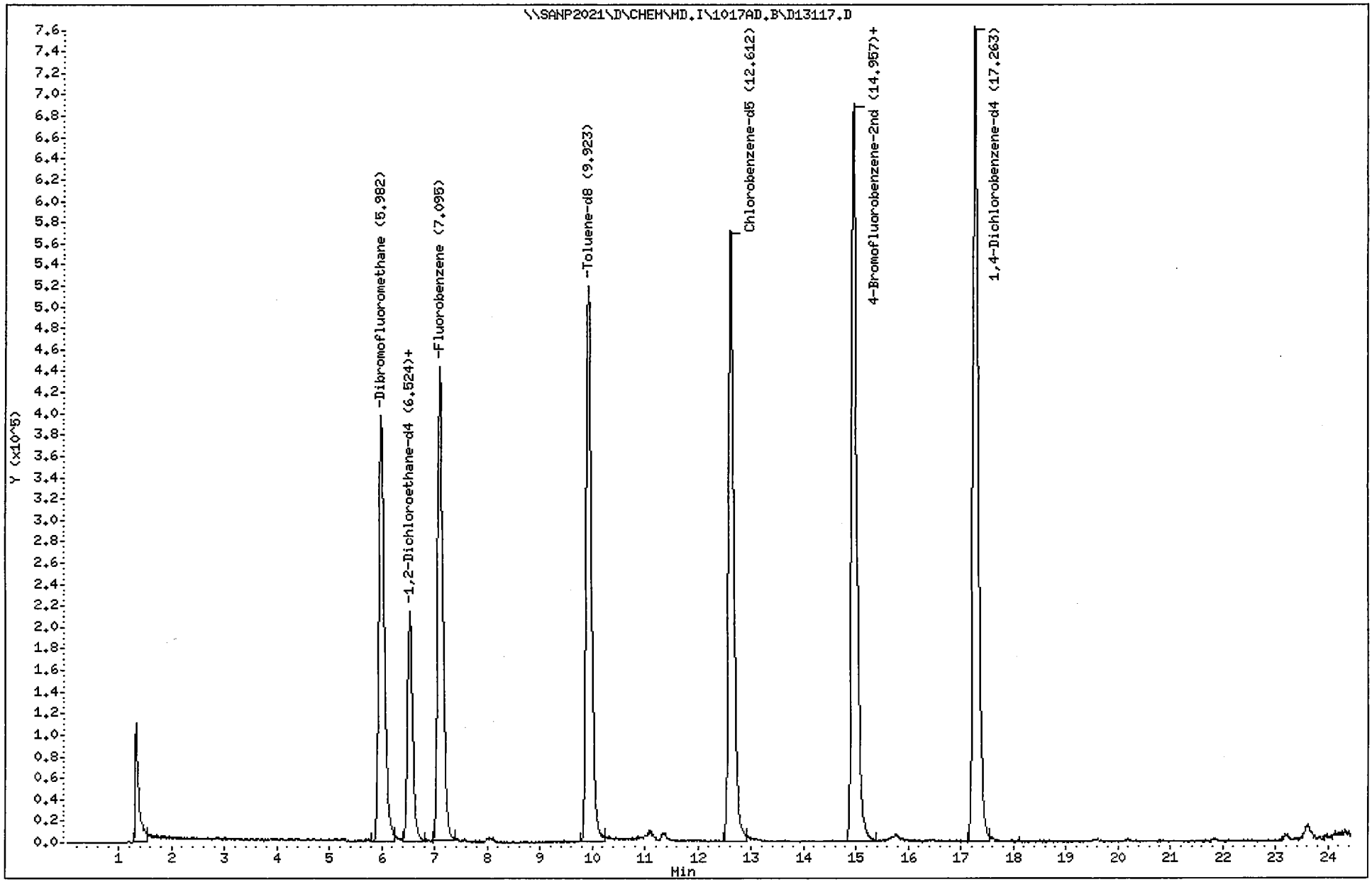
Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13117.D
Date : 17-OCT-2000 12:02
Client ID: D13117
Sample Info: DLJN9101,,2,,0,1,0,8260BDA.M,D13117

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000615

BOE-C6-0169900

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13117.D

Date : 17-OCT-2000 12:02

Client ID: D13117

Instrument: md.i

Sample Info: DLJN9101,,2,,0,1,0,8260BDA.M,D13117

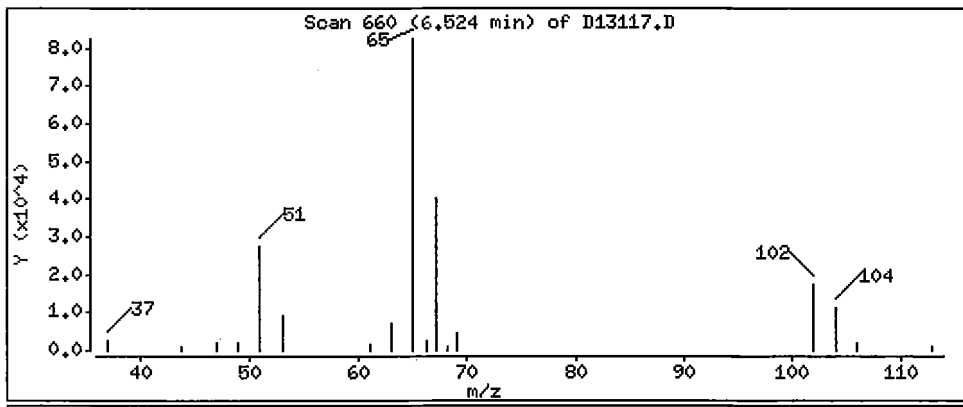
Operator: GFB

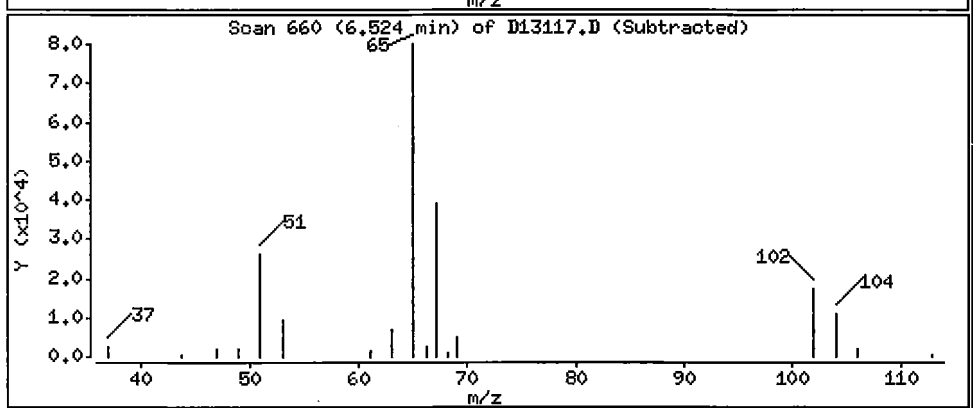
Column phase: J&W DB-624

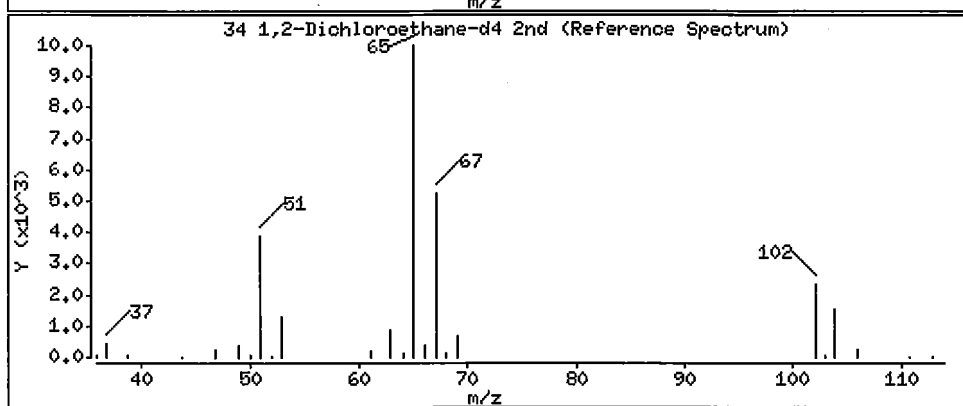
Column diameter: 0.53

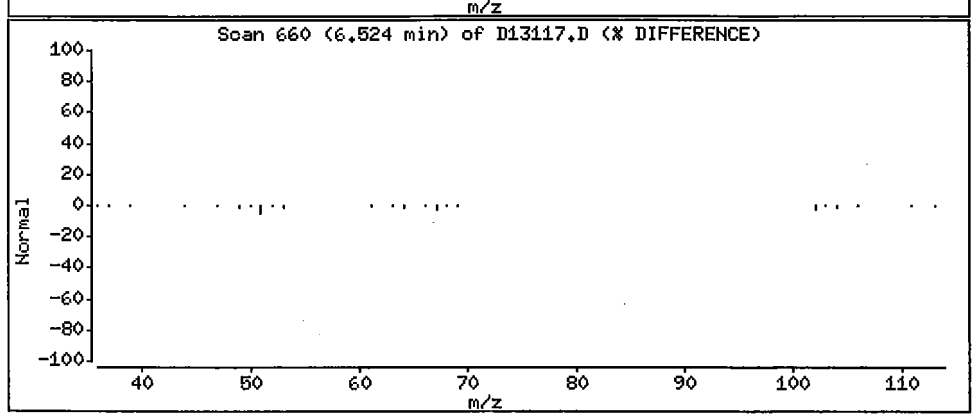
34 1,2-Dichloroethane-d4 2nd

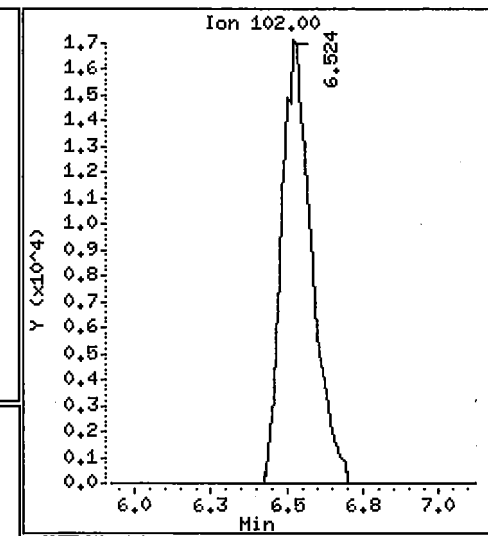
Concentration: 44.21 ug/Kg

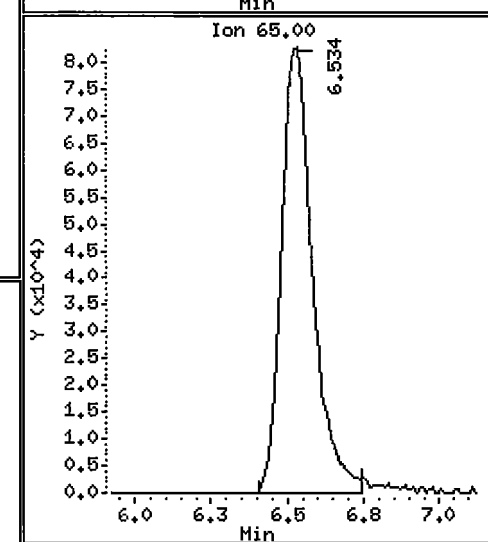












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13117.D

Date : 17-OCT-2000 12:02

Client ID: D13117

Instrument: md.i

Sample Info: DLJN9101,,2,,0,1,0,8260BDA.M,D13117

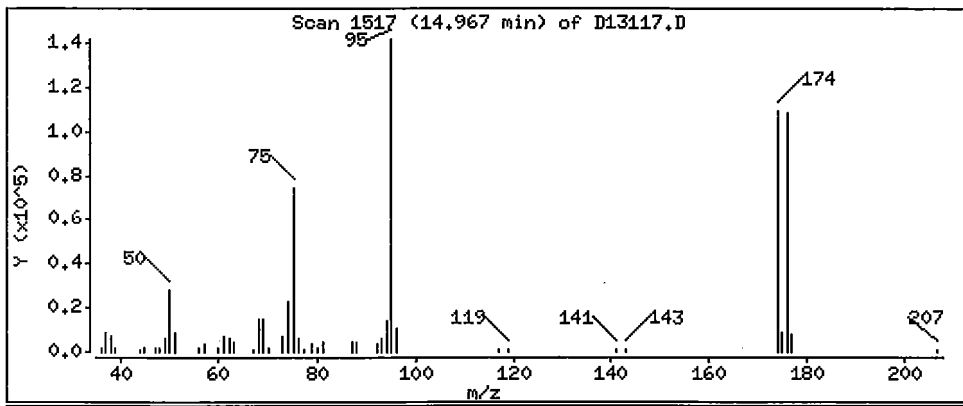
Operator: GFB

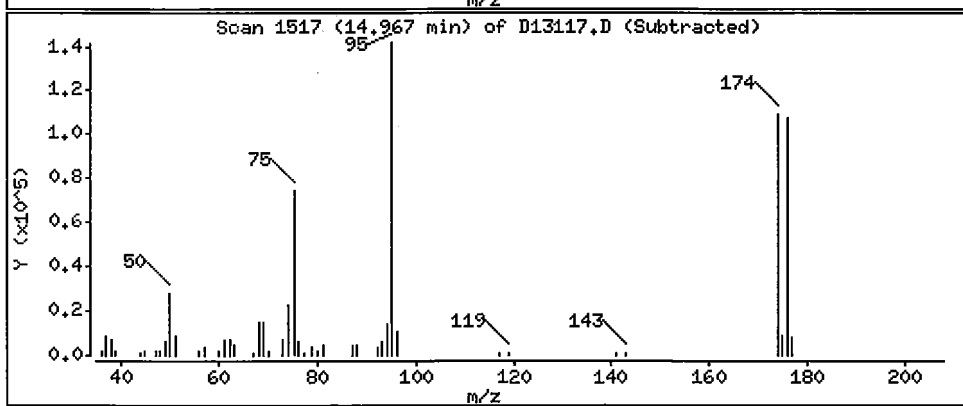
Column phase: J&W DB-624

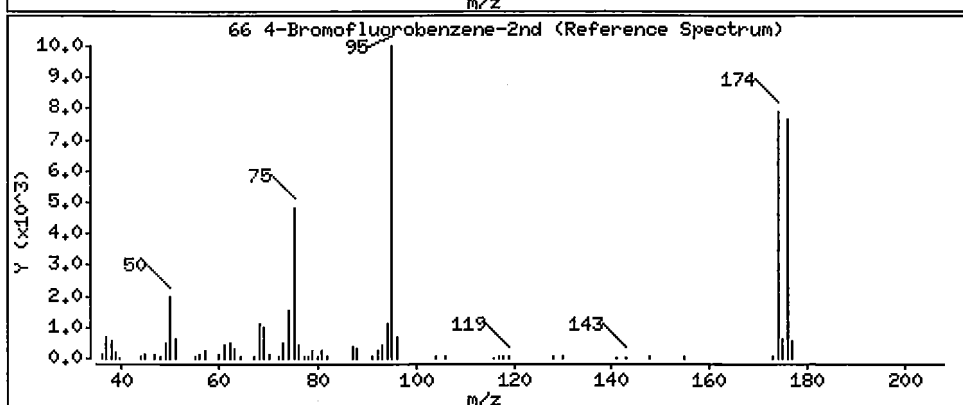
Column diameter: 0.53

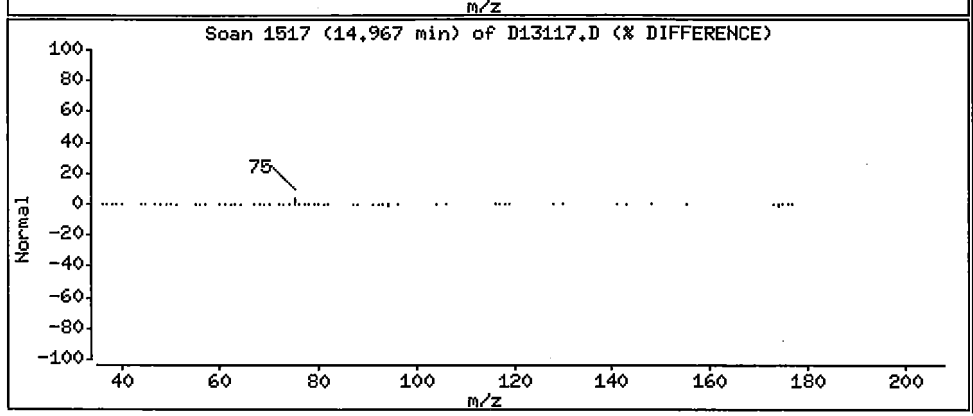
66 4-Bromofluorobenzene-2nd

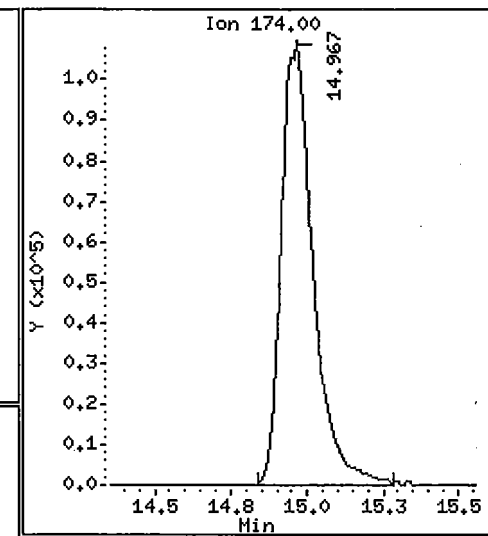
Concentration: 45.20 ug/Kg

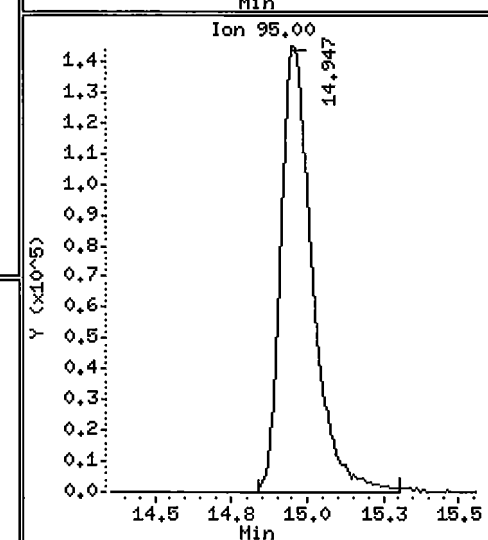


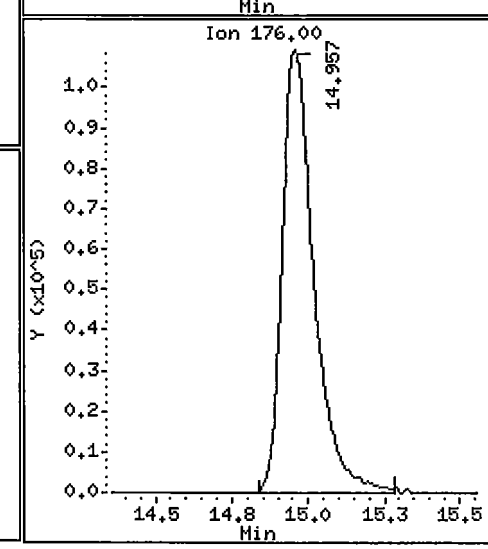












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13117.D

Date : 17-OCT-2000 12:02

Client ID: D13117

Instrument: md.i

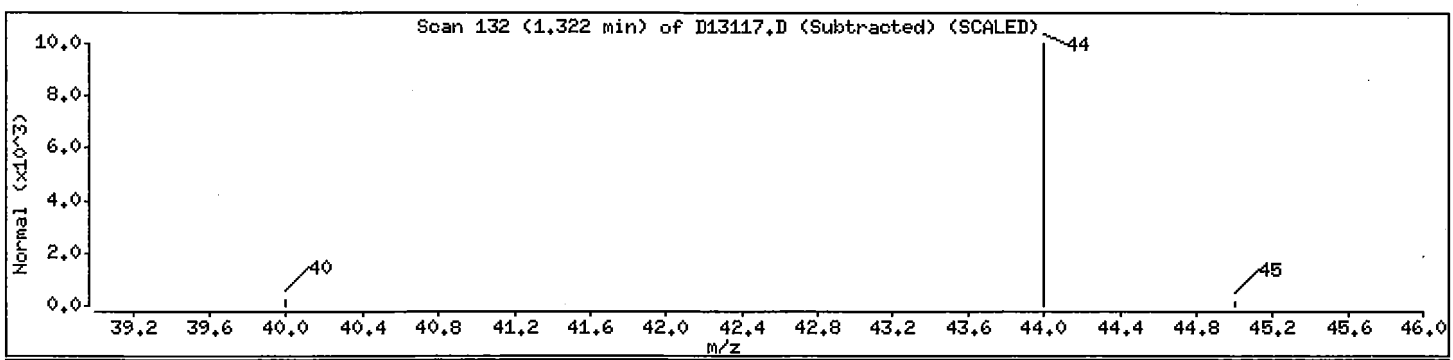
Sample Info: DLJN9101,,2,,0,1,0,8260BDA.M,D13117

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\1017AD.B\D13118.D
Lab Smp Id: DLJNA101 Client Smp ID: D13118
Inj Date : 17-OCT-2000 12:34
Operator : GFB Inst ID: md.i
Smp Info : DLJNA101,,2,,0,1,0,8260BDA.M,D13118
Misc Info : 325-24,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.977	5.988	(0.842)	892858	46.5702	46.57	
$ 33 1,2-Dichloroethane-d4	65	6.528	6.520	(0.920)	621247	48.0061	48.01	
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.520	(0.918)	117025	44.8230	44.82	
* 38 Fluorobenzene	96	7.100	7.091	(1.000)	1347894	50.0000		
$ 47 Toluene-d8	98	9.927	9.929	(0.787)	1296694	44.8361	44.84	
* 56 Chlorobenzene-d5	117	12.617	12.609	(1.000)	1249293	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.962	14.953	(0.866)	798304	45.6096	45.61	
$ 67 4-Bromofluorobenzene	95	14.952	14.953	(0.865)	1071623	45.8725	45.87	
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.269	(1.000)	879019	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\1017AD.B\D13118.D
Lab Smp Id: DLJNA101 Client Smp ID: D13118
Inj Date : 17-OCT-2000 12:34
Operator : GFB Inst ID: md.i
Smp Info : DLJNA101,,2,,0,1,0,8260BDA.M,D13118
Misc Info : 325-24,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	3209810	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.317	535445	8.34075317	8.34	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJNA101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13118
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.317	8.34	J

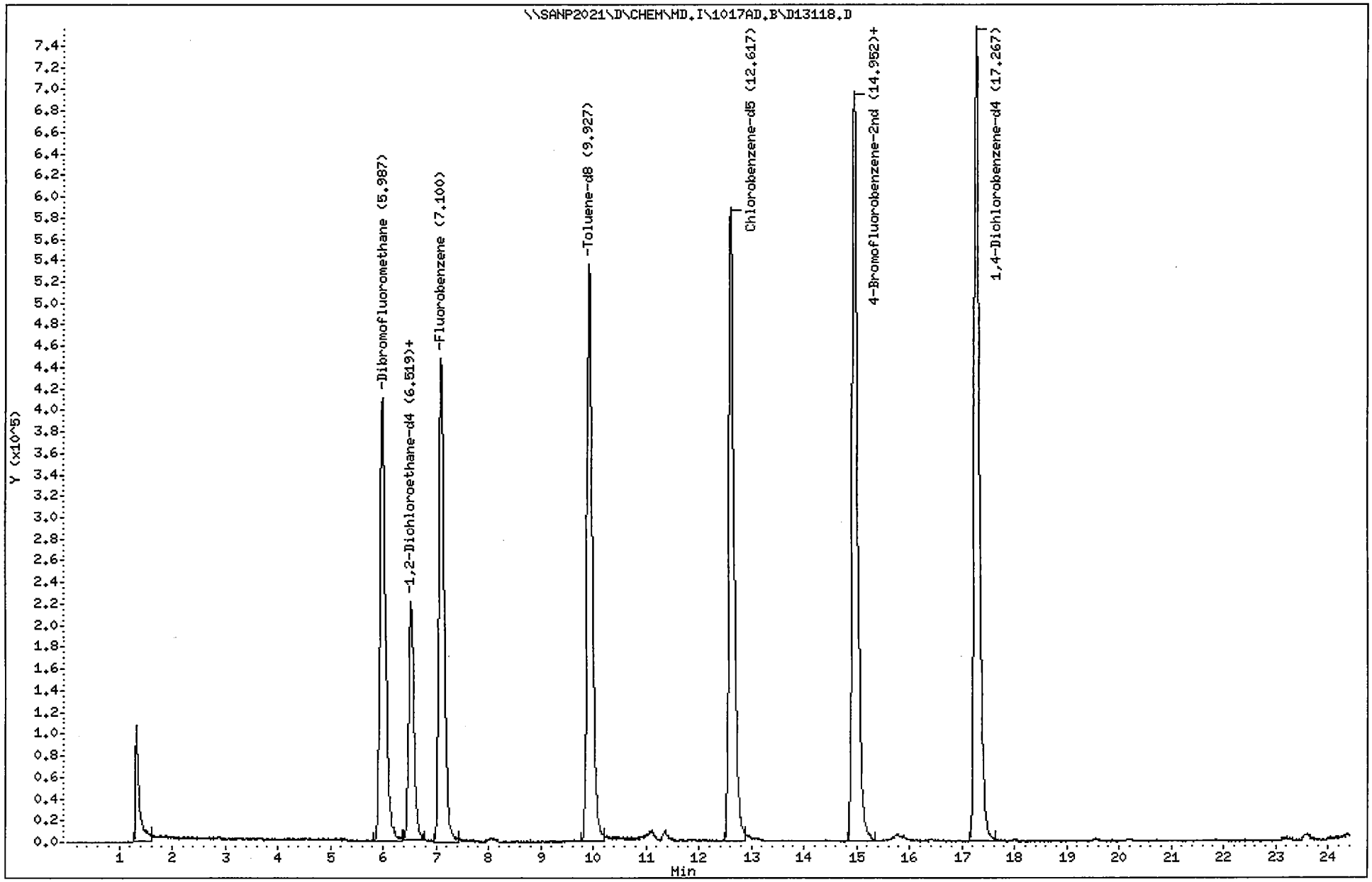
Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13118.D
Date : 17-OCT-2000 12:34
Client ID: D13118
Sample Info: DLJNA101,,2,,0,1,0,8260BDA.M,D13118

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0169907

000622

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13118.D

Date : 17-OCT-2000 12:34

Client ID: D13118

Instrument: md.i

Sample Info: DLJNA101,,2,,0,1,0,8260BDA.M,D13118

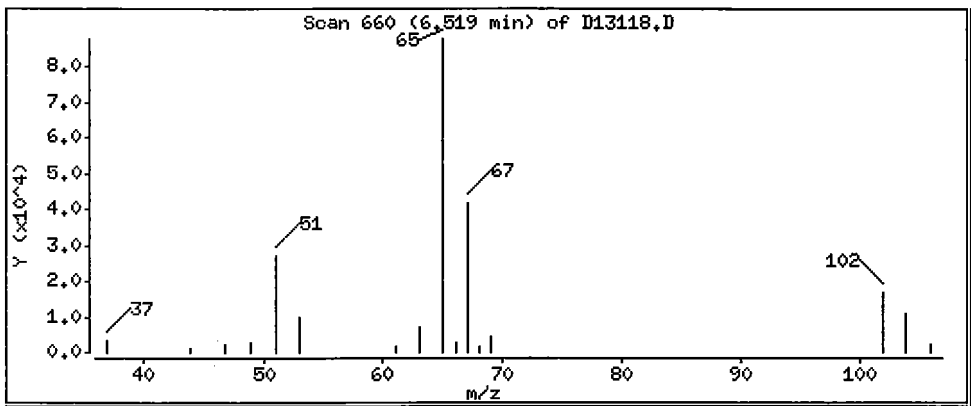
Operator: GFB

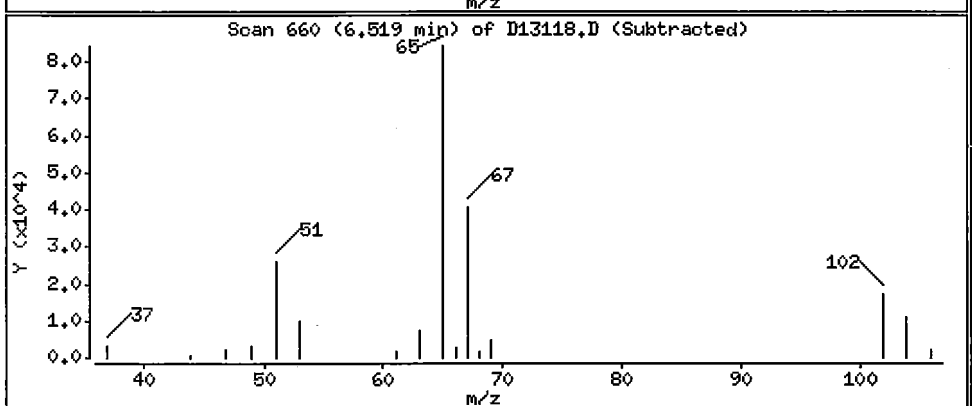
Column phase: J&W DB-624

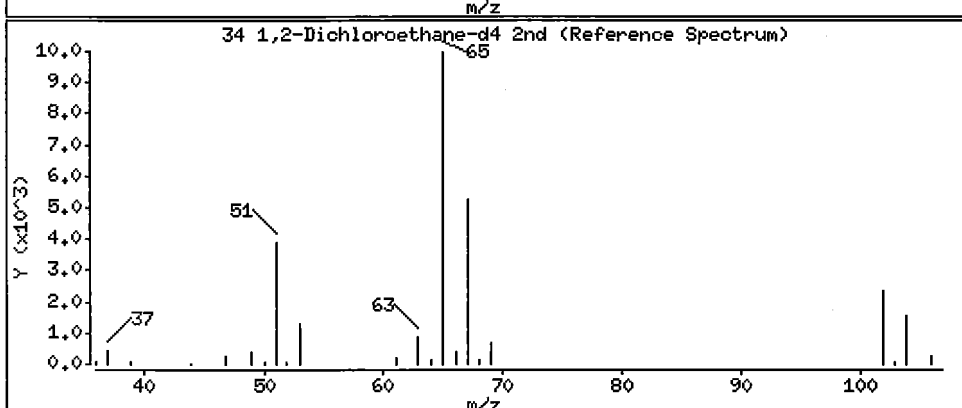
Column diameter: 0.53

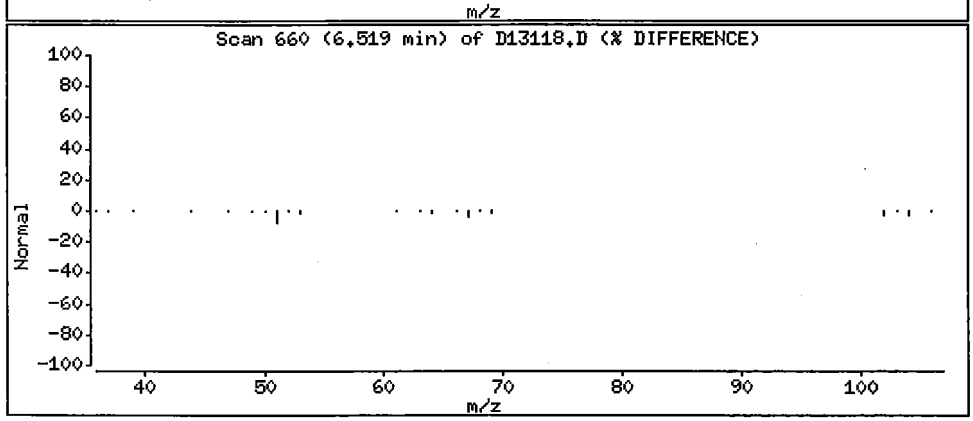
34 1,2-Dichloroethane-d4 2nd

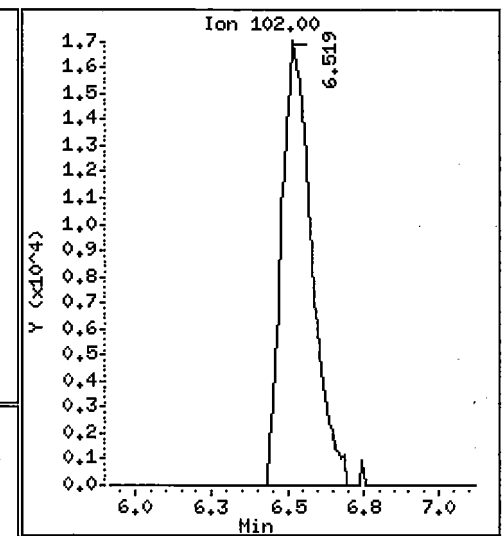
Concentration: 44.82 ug/Kg

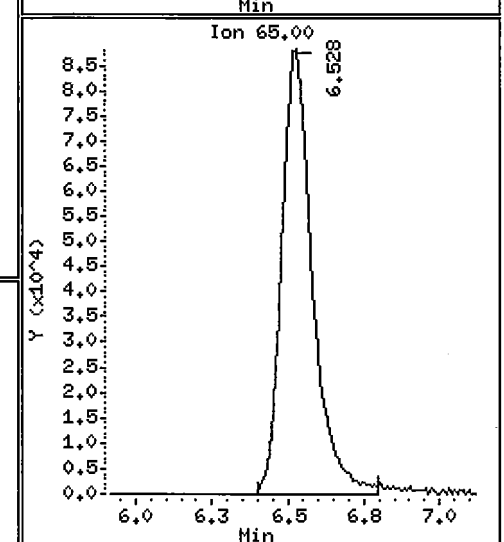












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13118.D

Date : 17-OCT-2000 12:34

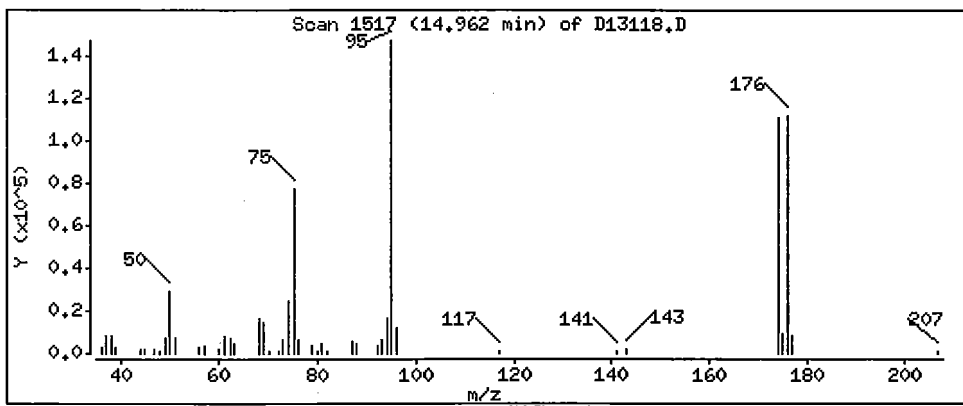
Client ID: D13118 Instrument: md.i

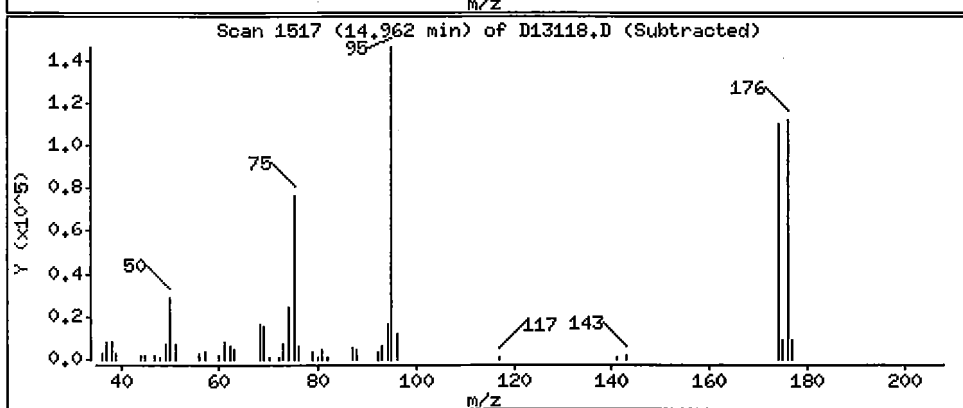
Sample Info: DLJNA101,,2,,0,1,0,8260BDA,M,D13118

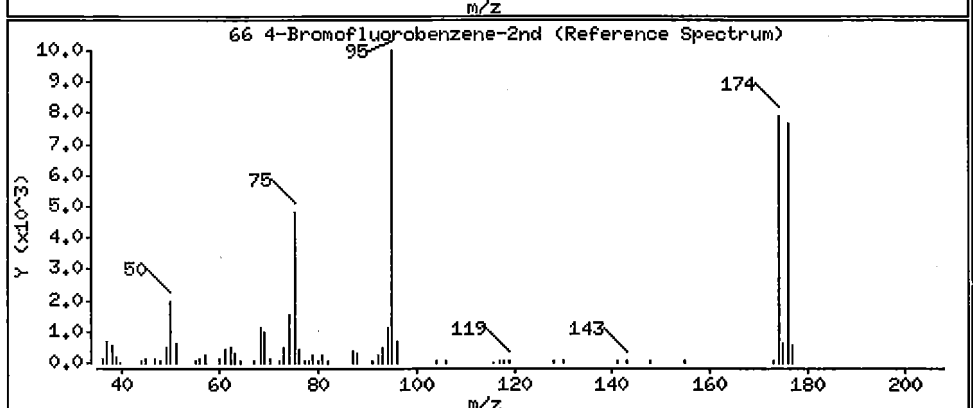
Operator: GFB

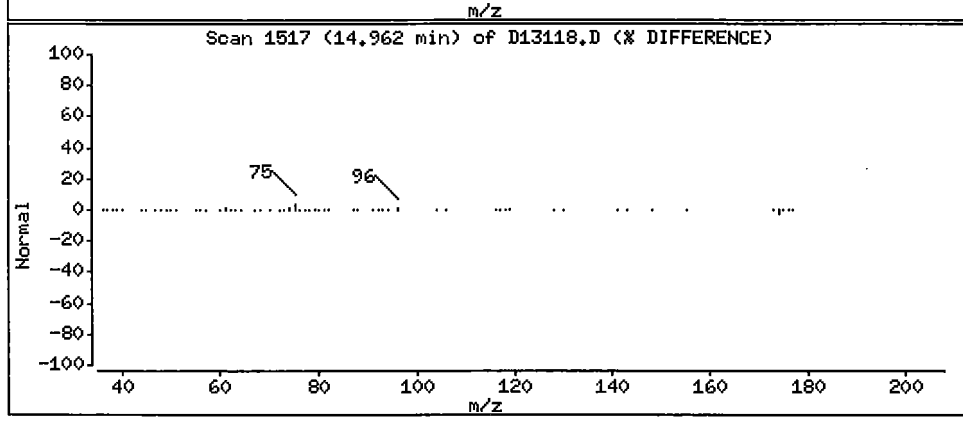
Column phase: J&W DB-624 Column diameter: 0.53

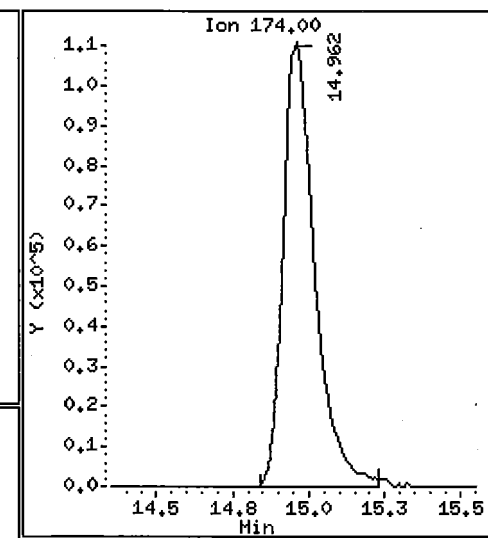
66 4-Bromofluorobenzene-2nd Concentration: 45.61 ug/Kg

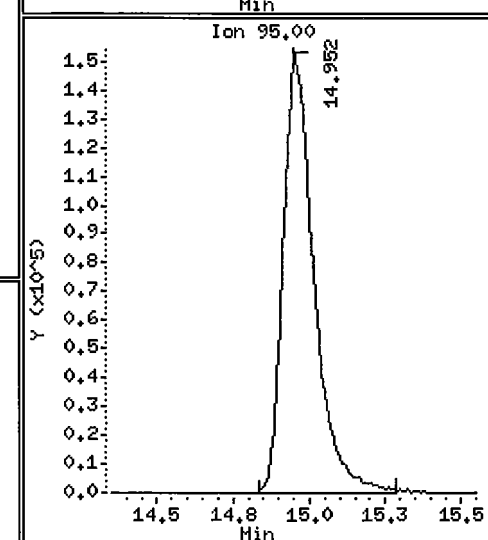


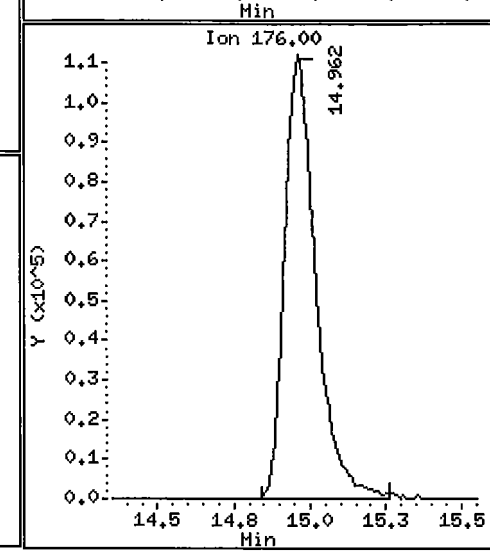












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13118.D

Date : 17-OCT-2000 12:34

Client ID: D13118

Instrument: md.i

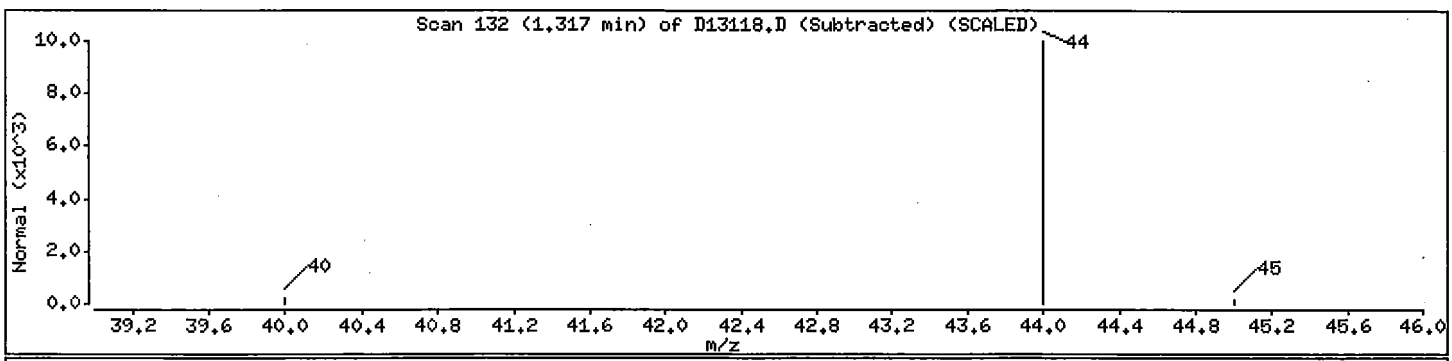
Sample Info: DLJNA101,,2,,0,1,0,8260BDA.M,D13118

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



CO ✓

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13122.D
Lab Smp Id: DLJNE101 Client Smp ID: D13122
Inj Date : 17-OCT-2000 14:41
Operator : GFB Inst ID: md.i
Smp Info : DLJNE101,,2,,0,1,0,8260BDA.M,D13122
Misc Info : 325-26,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.986	5.988	(0.842)	895306	47.0908	47.09
$ 33 1,2-Dichloroethane-d4	65	6.528	6.520	(0.918)	591348	46.0802	46.08
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.520	(0.918)	119789	46.2677	46.27
* 38 Fluorobenzene	96	7.109	7.091	(1.000)	1336647	50.0000	
$ 47 Toluene-d8	98	9.937	9.929	(0.787)	1261435	45.2155	45.22
* 56 Chlorobenzene-d5	117	12.627	12.609	(1.000)	1205125	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.971	14.953	(0.867)	794245	47.3334	47.33
$ 67 4-Bromofluorobenzene	95	14.952	14.953	(0.865)	1048574	46.8204	46.82
* 79 1,4-Dichlorobenzene-d4	152	17.277	17.269	(1.000)	842700	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\1017AD.B\D13122.D
Lab Smp Id: DLJNE101 Client Smp ID: D13122
Inj Date : 17-OCT-2000 14:41
Operator : GFB Inst ID: md.i
Smp Info : DLJNE101,,2,,0,1,0,8260BDA.M,D13122
Misc Info : 325-26,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.109	3058904	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	671324	10.9732680	10.97	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJNE101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13122
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

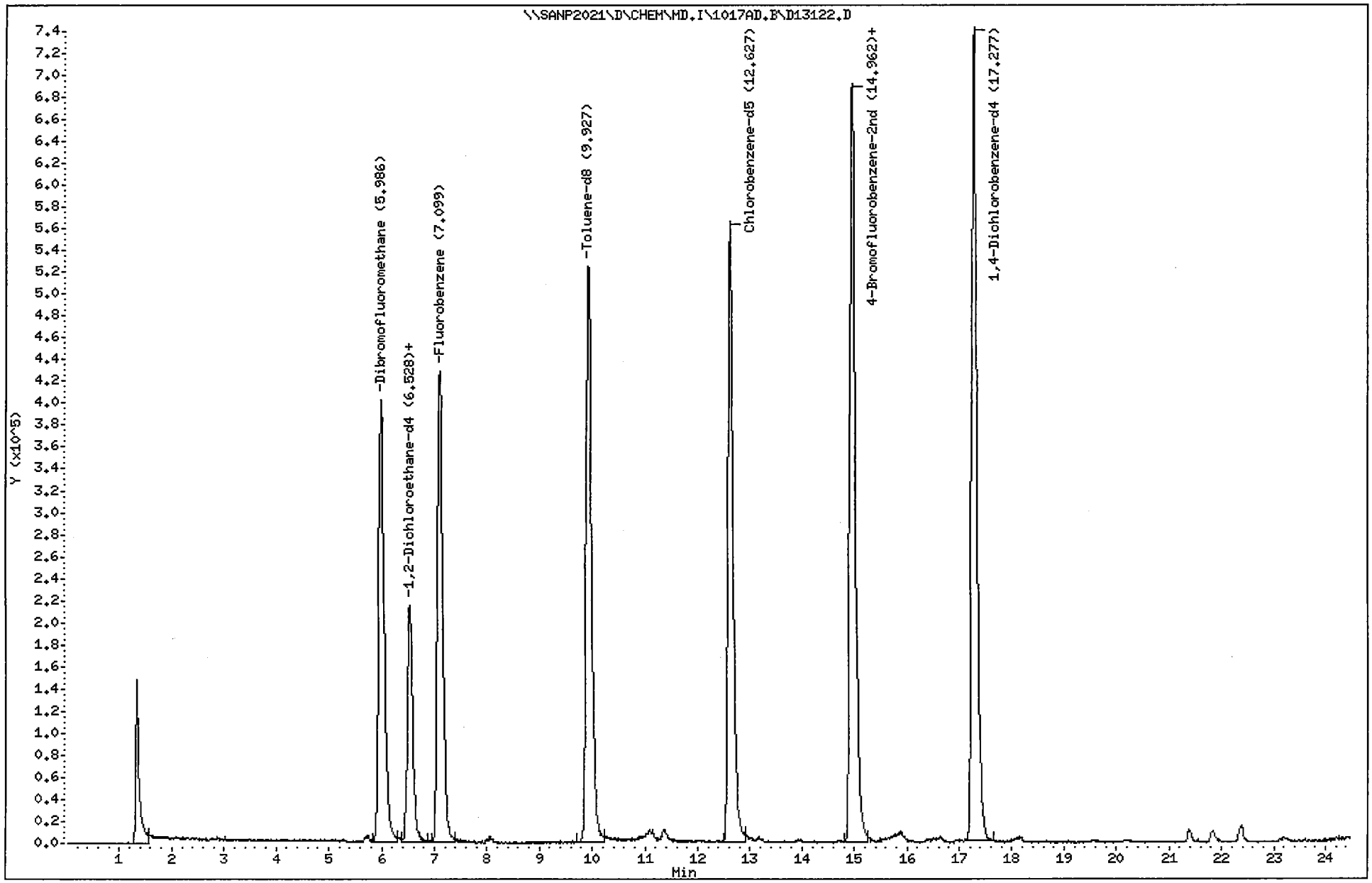
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Un~~known~~ ND	1.326	10.97	_J__

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13122.D
Date : 17-OCT-2000 14:41
Client ID: D13122
Sample Info: DLJNE101,,2,,0,1,0,8260BDA.M,D13122

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0169914

000629

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13122.D

Date : 17-OCT-2000 14:41

Client ID: D13122

Instrument: md.i

Sample Info: DLJNE101,,2,,0,1,0,8260BDA.M,D13122

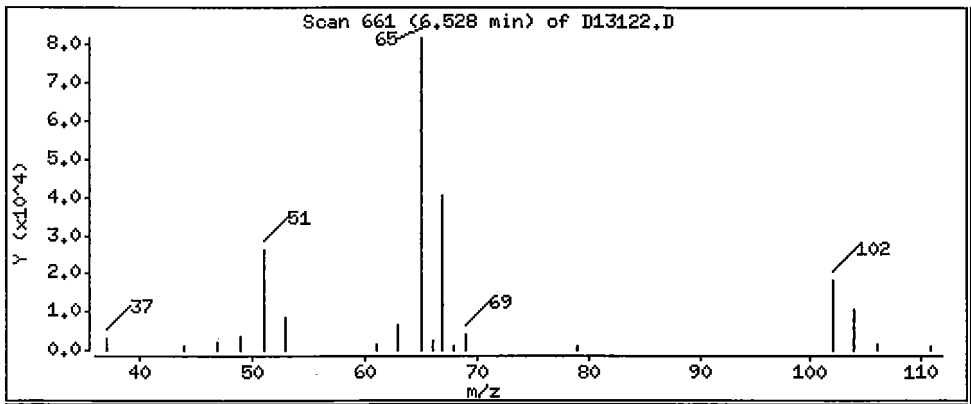
Operator: GFB

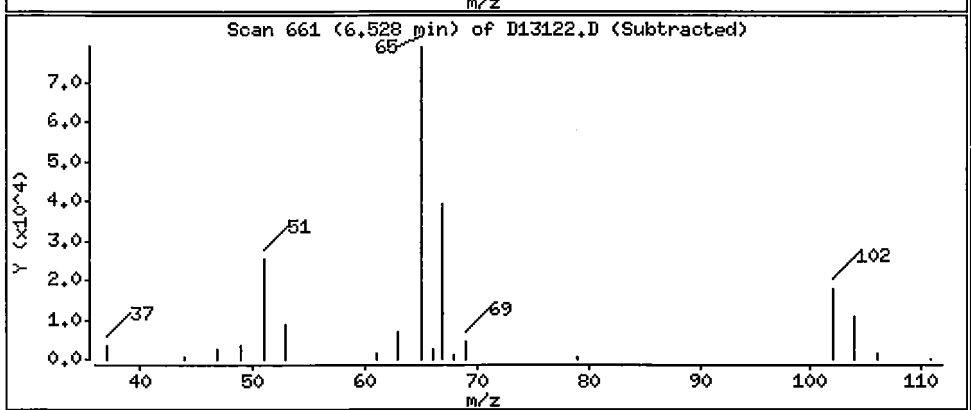
Column phase: J&W DB-624

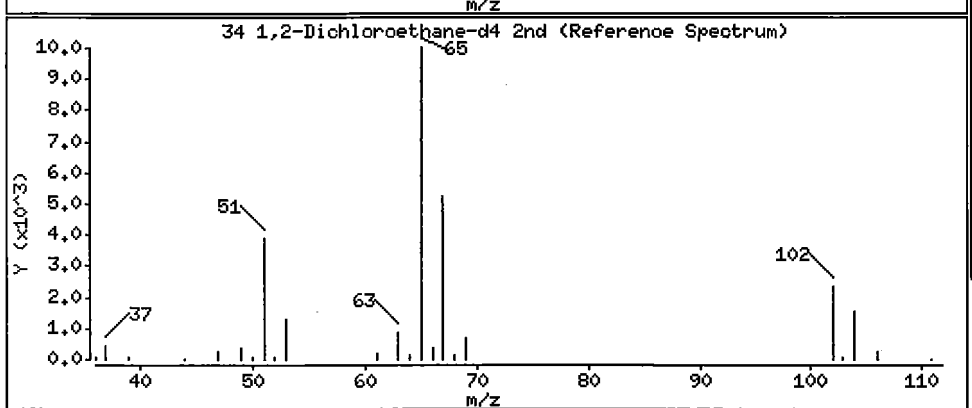
Column diameter: 0.53

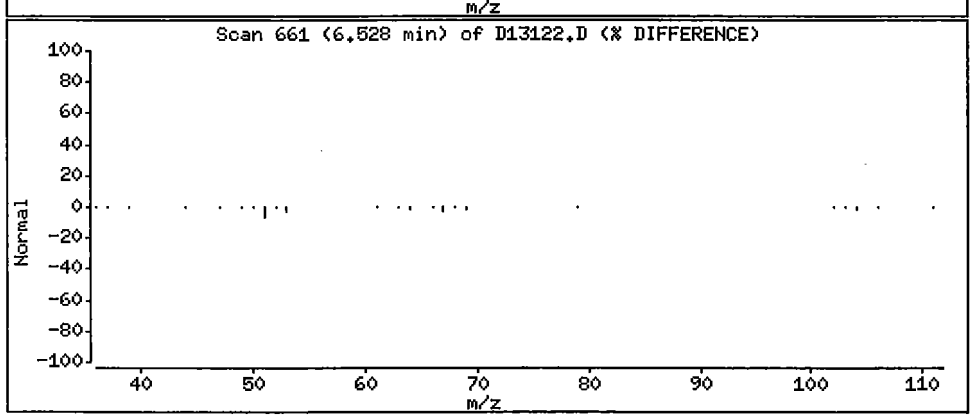
34 1,2-Dichloroethane-d4 2nd

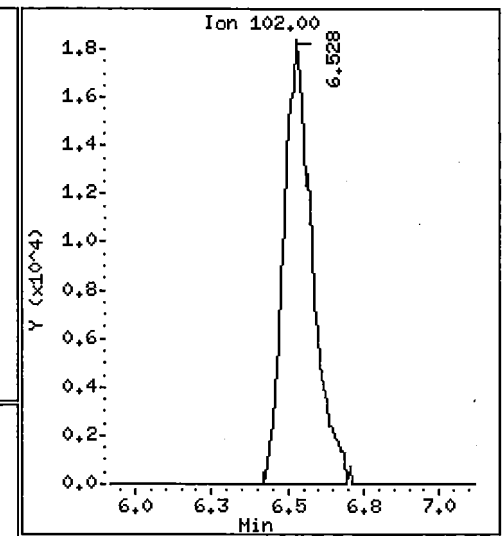
Concentration: 46.27 ug/Kg

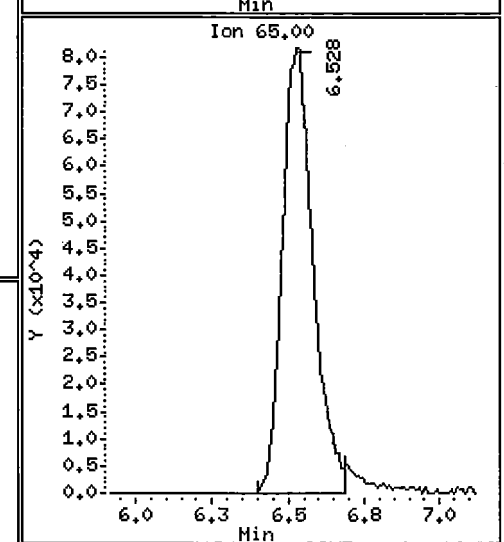












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13122.D

Date : 17-OCT-2000 14:41

Client ID: D13122

Instrument: md.i

Sample Info: DLJNE101,,2,,0,1,0,8260BDA.M,D13122

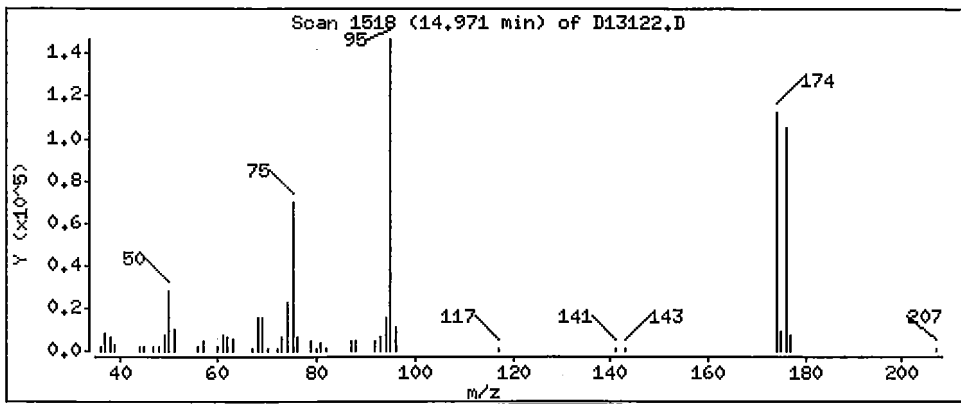
Operator: GFB

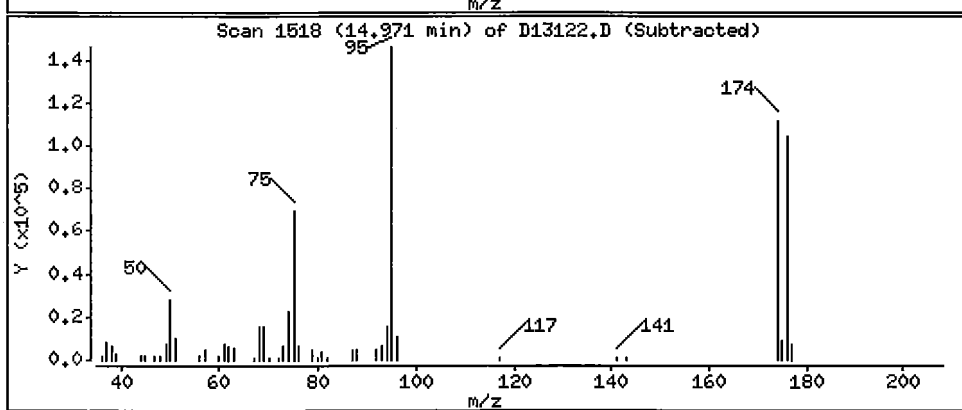
Column phase: J&W DB-624

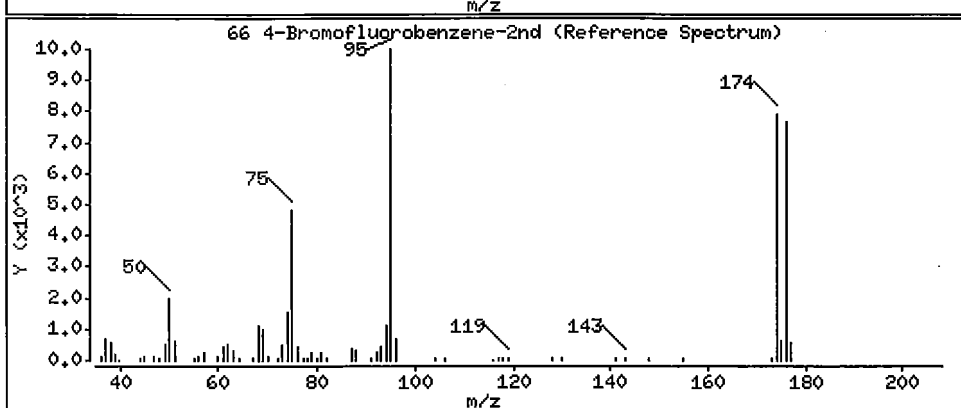
Column diameter: 0.53

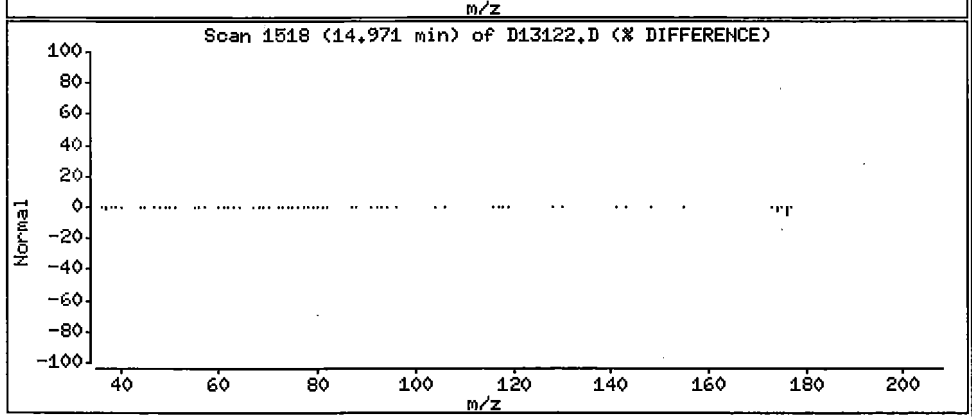
66 4-Bromofluorobenzene-2nd

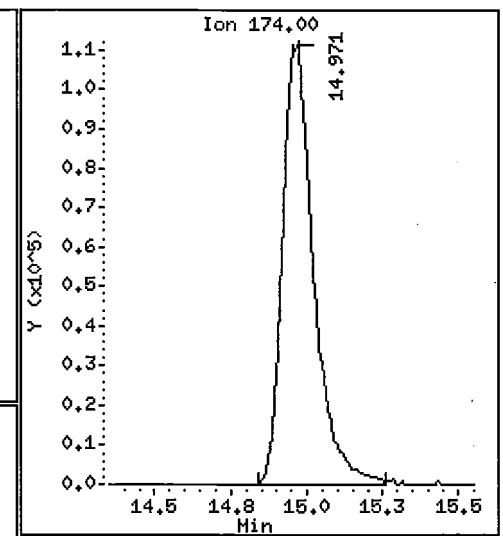
Concentration: 47.33 ug/Kg

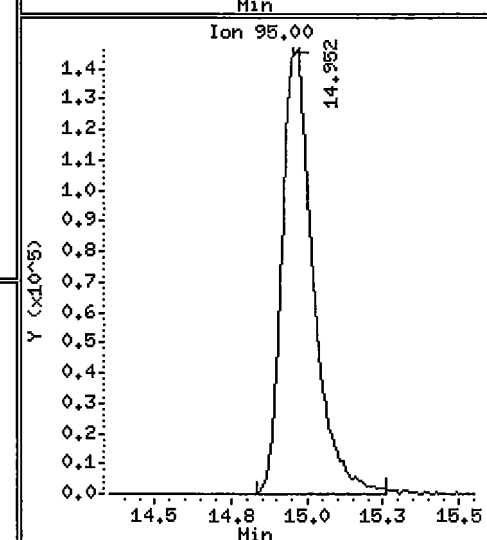


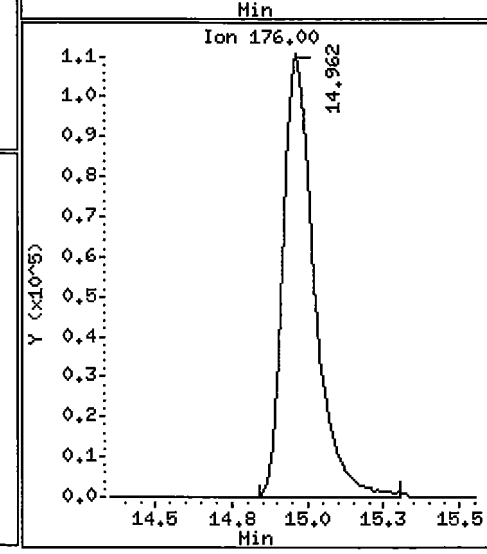












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13122.D

Date : 17-OCT-2000 14:41

Client ID: D13122

Instrument: md.i

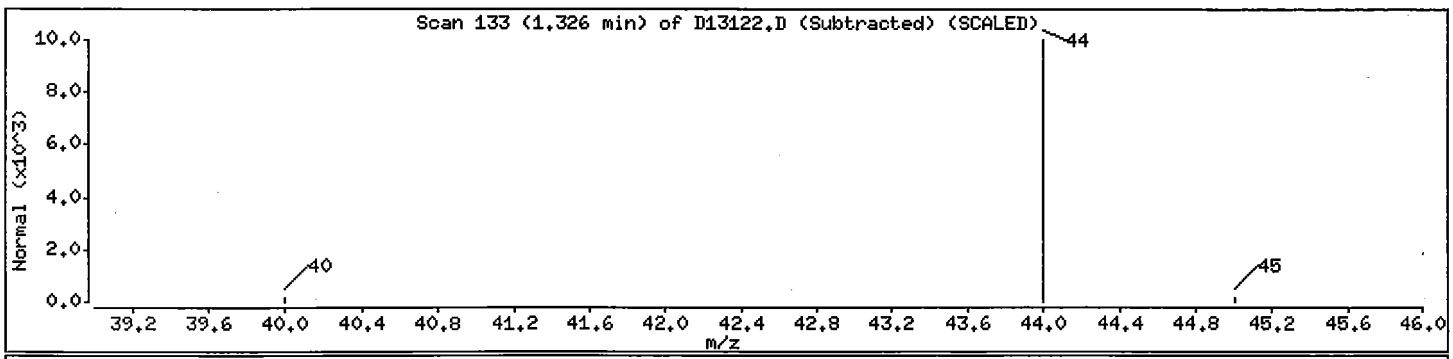
Sample Info: DLJNE101,,2,,0,1,0,8260BDA.M,D13122

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13123.D
Lab Smp Id: DLJNJ101 Client Smp ID: D13123
Inj Date : 17-OCT-2000 15:13
Operator : GFB Inst ID: md.i
Smp Info : DLJNJ101,,2,,0,1,0,8260BDA.M,D13123
Misc Info : 325-27,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.992	5.988	(0.844)	866778	44.9668	44.97
$ 33 1,2-Dichloroethane-d4	65	6.524	6.520	(0.919)	593290	45.5993	45.60
34 1,2-Dichloroethane-d4 2nd	102	6.515	6.520	(0.918)	51973	19.7999	19.80(Q)
* 38 Fluorobenzene	96	7.096	7.091	(1.000)	1355179	50.0000	
$ 47 Toluene-d8	98	9.933	9.929	(0.787)	1253745	44.5201	44.52
* 56 Chlorobenzene-d5	117	12.623	12.609	(1.000)	1216488	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.968	14.953	(0.867)	782128	44.7341	44.73
$ 67 4-Bromofluorobenzene	95	14.958	14.953	(0.866)	1037607	44.4648	44.46
* 79 1,4-Dichlorobenzene-d4	152	17.273	17.269	(1.000)	878062	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\1017AD.B\D13123.D
Lab Smp Id: DLJNJ101 Client Smp ID: D13123
Inj Date : 17-OCT-2000 15:13
Operator : GFB Inst ID: md.i
Smp Info : DLJNJ101,,2,,0,1,0,8260BDA.M,D13123
Misc Info : 325-27,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.096	3082808	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	540828	8.77166985	8.77	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJNJ101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13123
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~~ NO	1.322	8.77	_J__

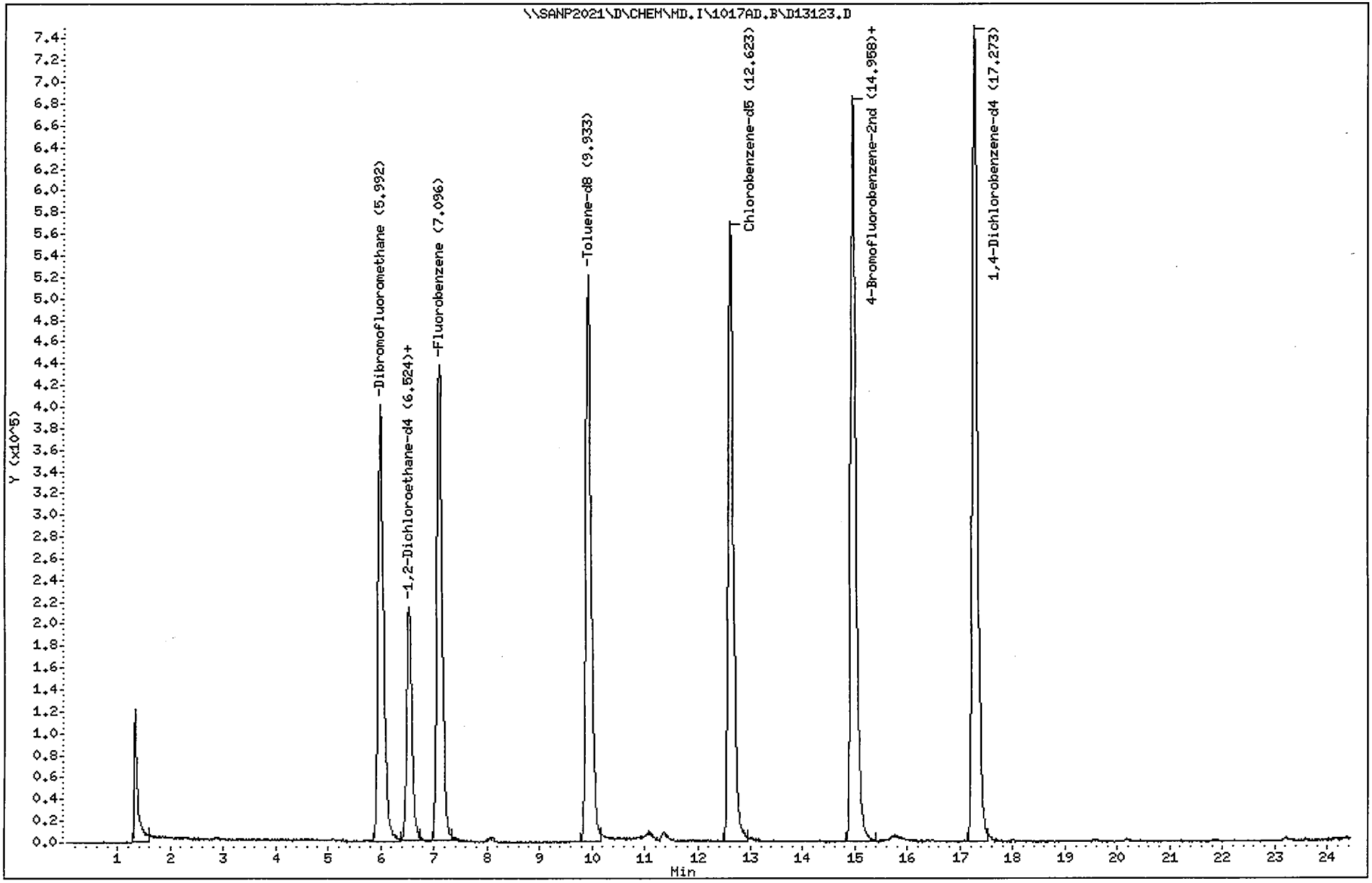
Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13123.D
Date : 17-OCT-2000 15:13
Client ID: D13123
Sample Info: DLJNJ101,,2,,0,1,0,8260BDA.M,D13123

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0169921

000636

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13123.D

Date : 17-OCT-2000 15:13

Client ID: D13123

Instrument: md.i

Sample Info: DLJNJ101,,2,,0,1,0,8260BDA.M,D13123

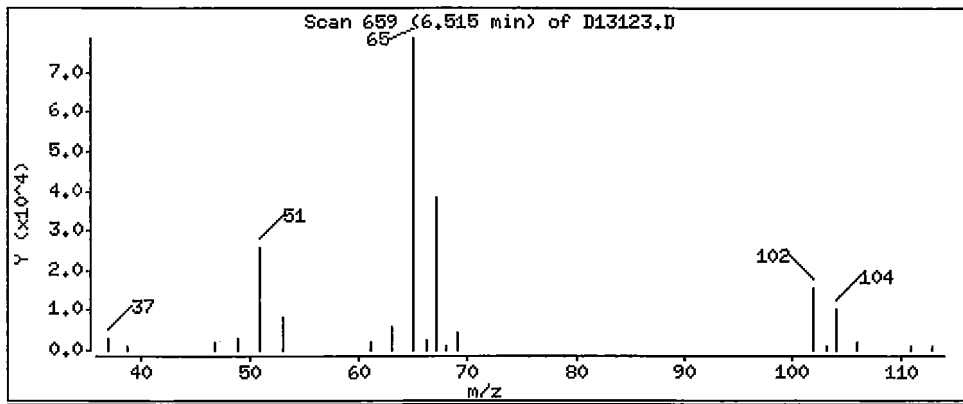
Operator: GFB

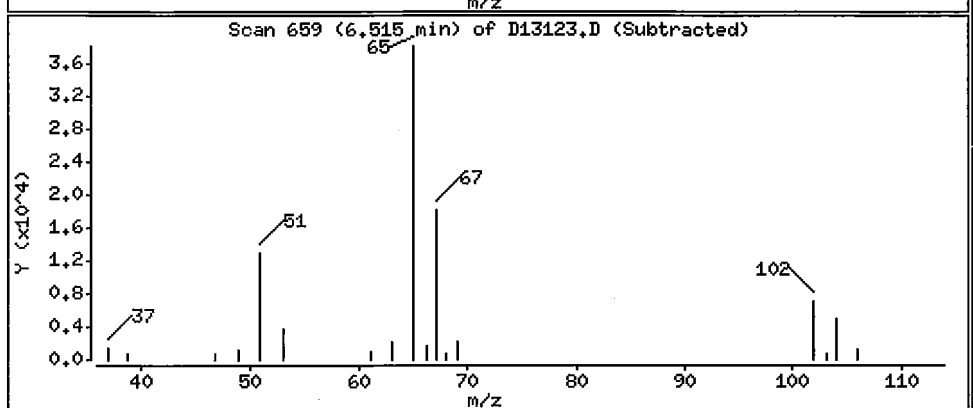
Column phase: J&W DB-624

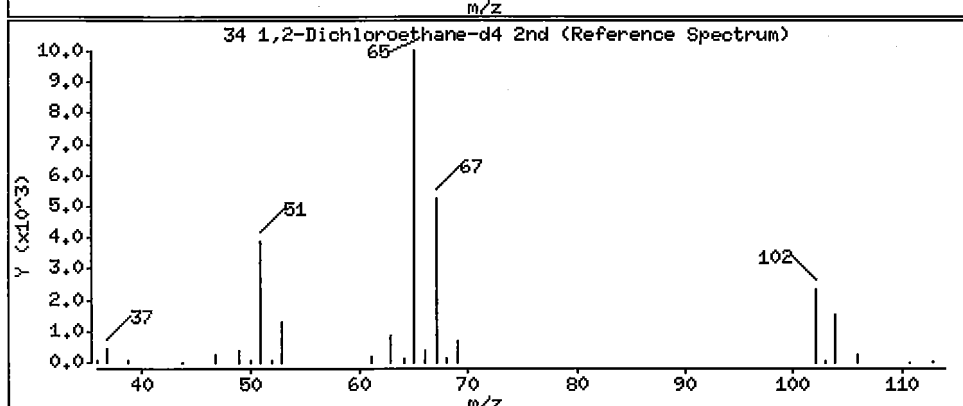
Column diameter: 0.53

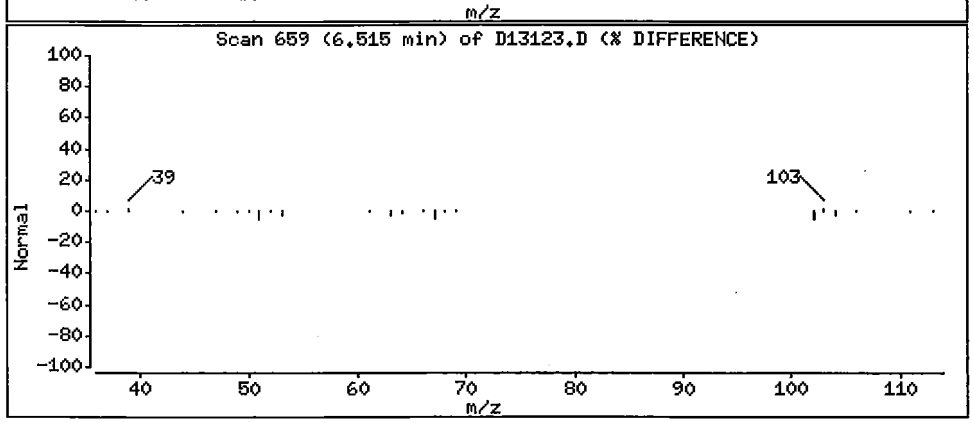
34 1,2-Dichloroethane-d4 2nd

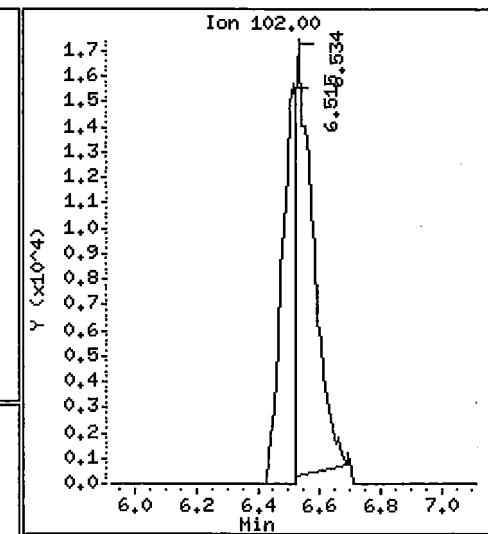
Concentration: 19.80 ug/Kg

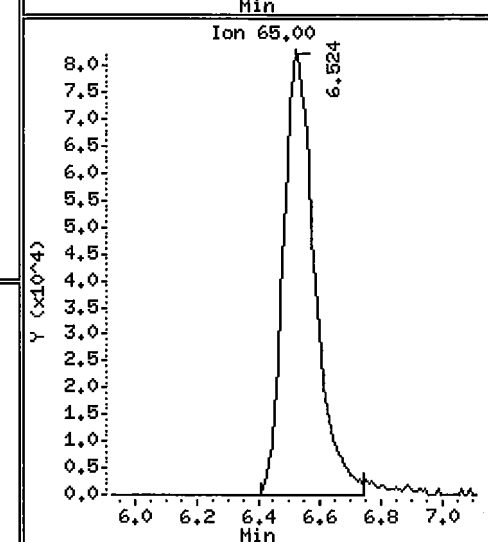












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13123.D

Date : 17-OCT-2000 15:13

Client ID: D13123

Instrument: md.i

Sample Info: DLJNJ101,,2,,0,1,0,8260BDA.M,D13123

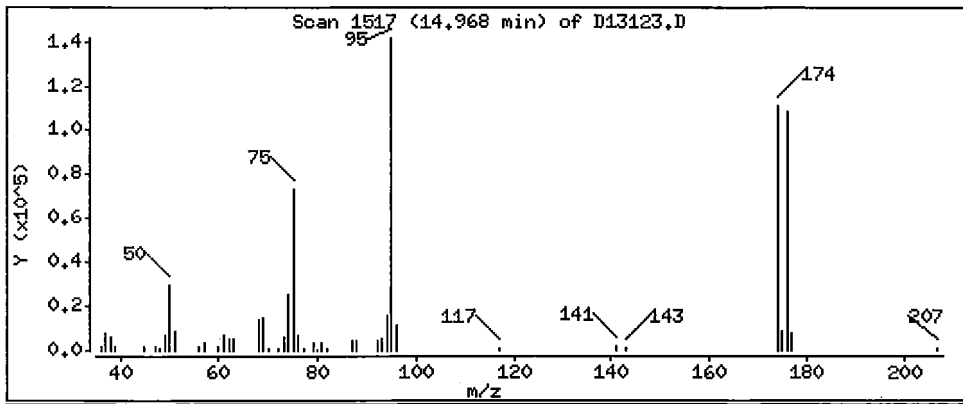
Operator: GFB

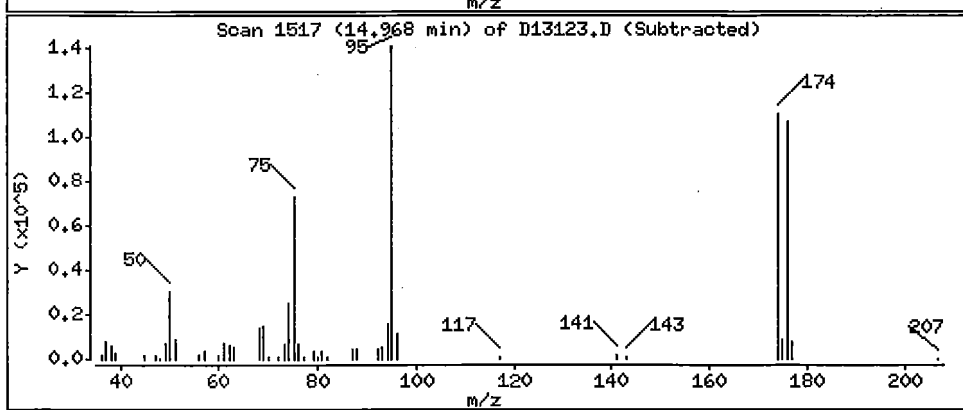
Column phase: J&W DB-624

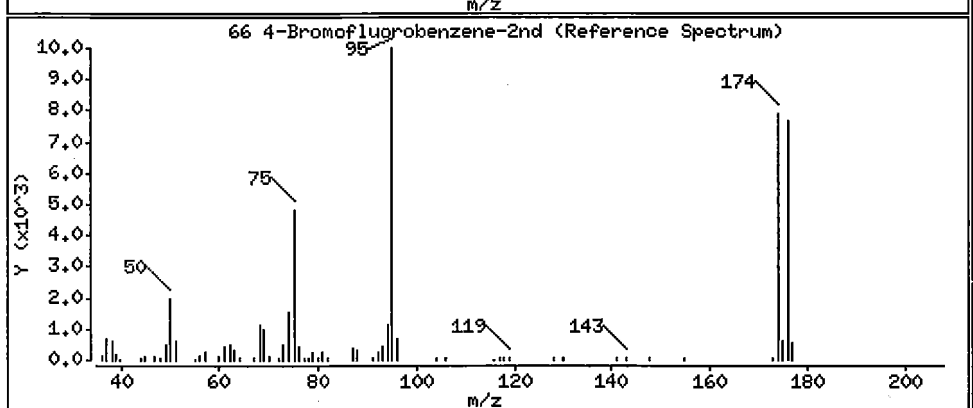
Column diameter: 0.53

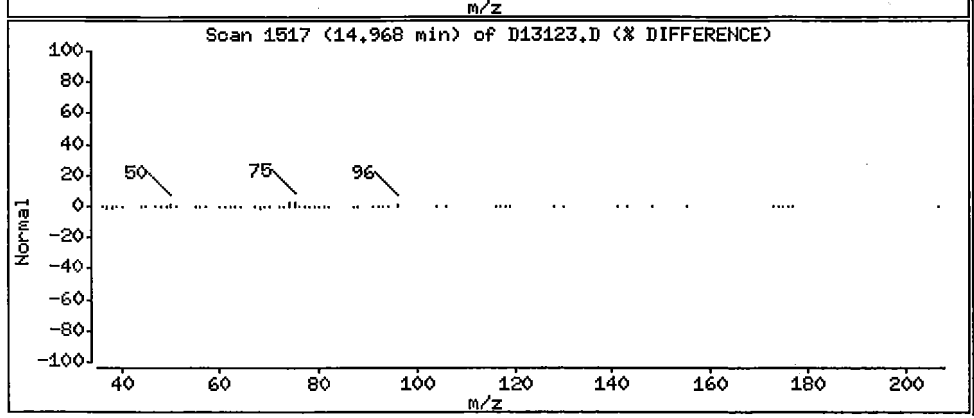
66 4-Bromofluorobenzene-2nd

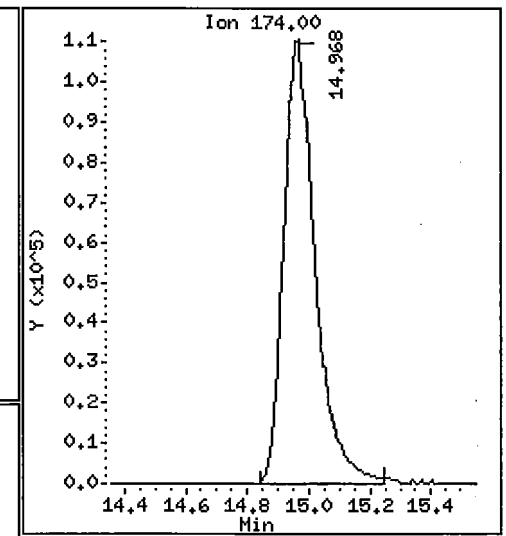
Concentration: 44.73 ug/Kg

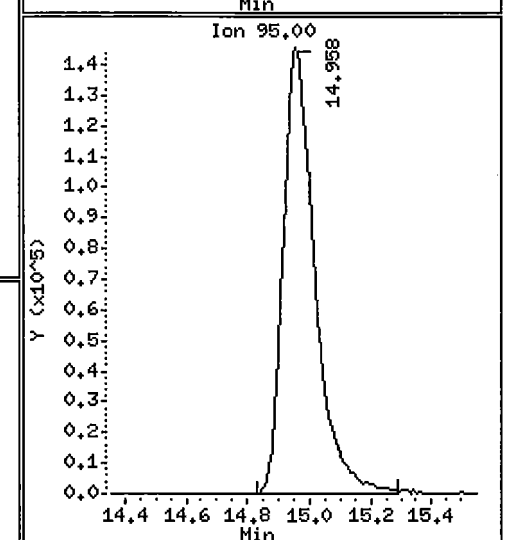


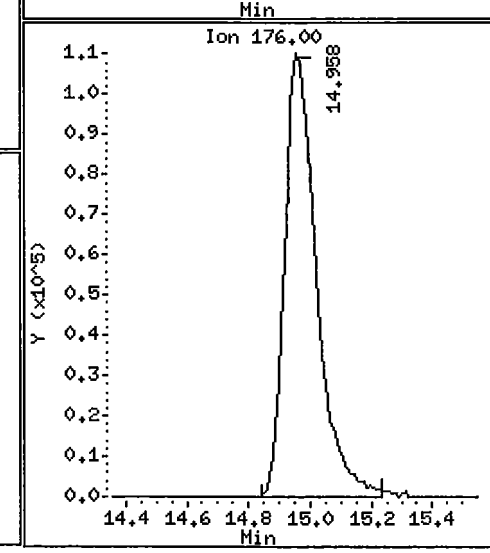












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13123.D

Date : 17-OCT-2000 15:13

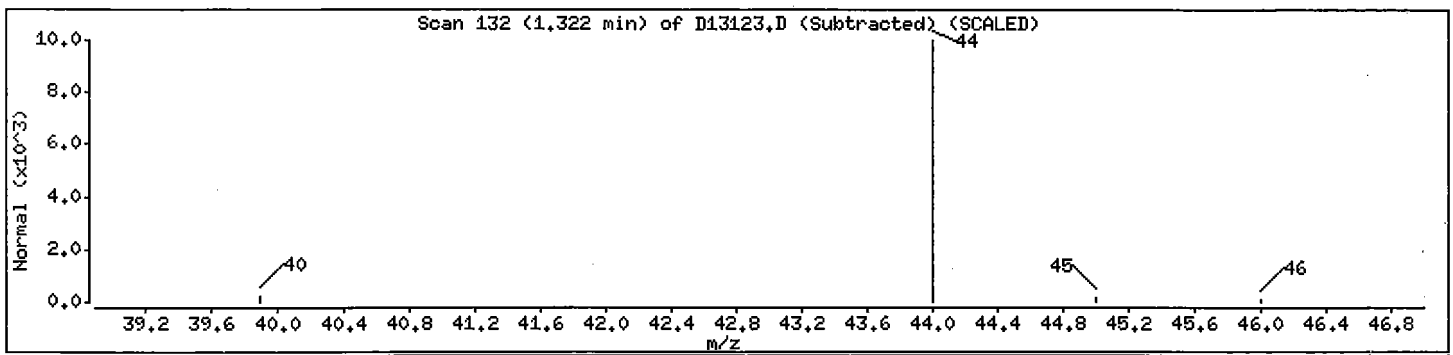
Client ID: D13123 Instrument: md.i

Sample Info: DLJNJ101,,2,,0,1,0,8260BDA.M,D13123

Operator: GFB

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

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13124.D
Lab Smp Id: DLJNM101 Client Smp ID: D13124
Inj Date : 17-OCT-2000 15:45
Operator : GFB Inst ID: md.i
Smp Info : DLJNM101,,2,,0,1,0,8260BDA.M,D13124
Misc Info : 325-28,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.982	5.988	(0.842)	876575	45.6958	45.70	
$ 33 1,2-Dichloroethane-d4	65	6.524	6.520	(0.918)	584231	45.1210	45.12	
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.520	(0.917)	115470	44.2031	44.20	
* 38 Fluorobenzene	96	7.105	7.091	(1.000)	1348634	50.0000		
$ 47 Toluene-d8	98	9.923	9.929	(0.787)	1276832	45.1440	45.14	
* 56 Chlorobenzene-d5	117	12.613	12.609	(1.000)	1221768	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.967	14.953	(0.867)	778270	45.0389	45.04	
$ 67 4-Bromofluorobenzene	95	14.957	14.953	(0.866)	1035353	44.8919	44.89	
* 79 1,4-Dichlorobenzene-d4	152	17.263	17.269	(1.000)	867818	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\1017AD.B\D13124.D
Lab Smp Id: DLJNM101 Client Smp ID: D13124
Inj Date : 17-OCT-2000 15:45
Operator : GFB Inst ID: md.i
Smp Info : DLJNM101,,2,,0,1,0,8260BDA.M,D13124
Misc Info : 325-28,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.105	3120985	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	501370	8.03223320	8.03	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJNM101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13124
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

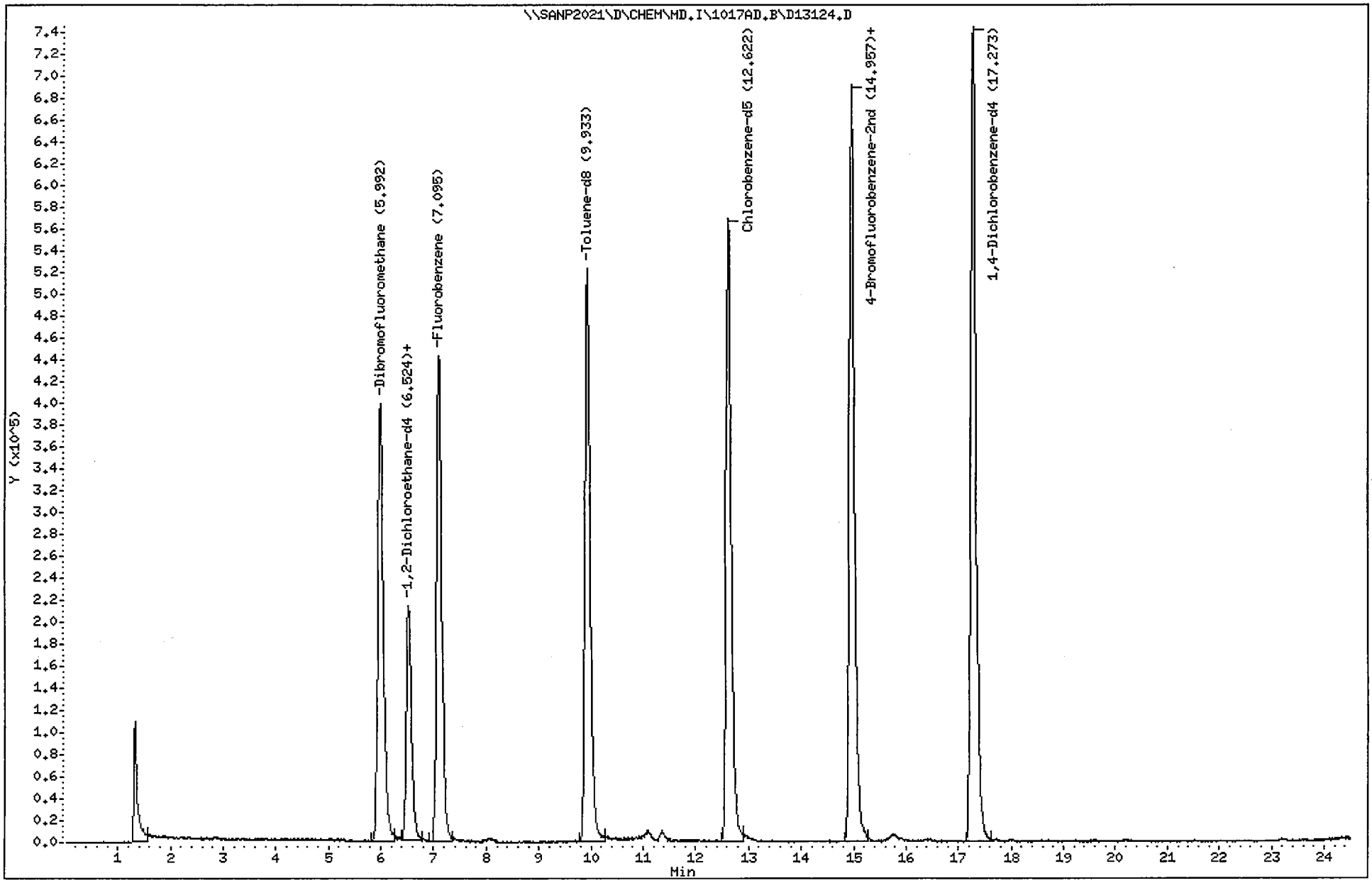
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Un~~known~~ N)	1.322	8.03	J

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13124.D
Date : 17-OCT-2000 15:45
Client ID: D13124
Sample Info: DLJNM101,,2,,0,1,0,8260BDA.M,D13124

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



000643

BOE-C6-0169928

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13124.D

Date : 17-OCT-2000 15:45

Client ID: D13124

Instrument: md.i

Sample Info: DLJNM101,,2,,0,1,0,8260BDA.M,D13124

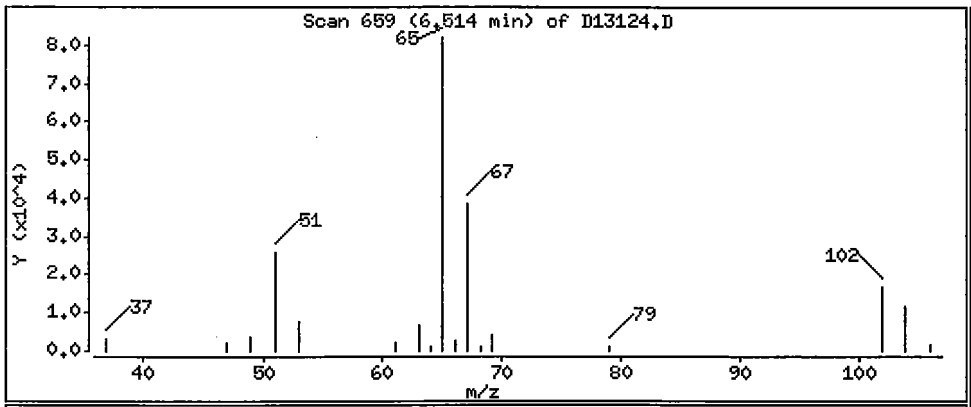
Operator: GFB

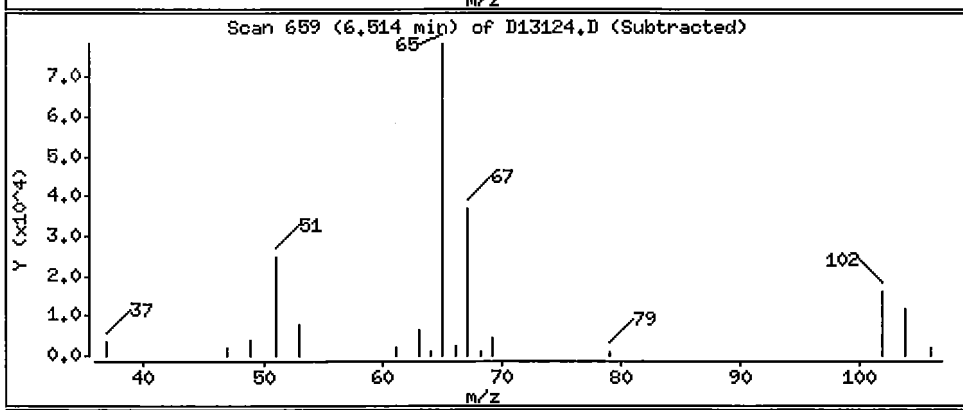
Column phase: J&W DB-624

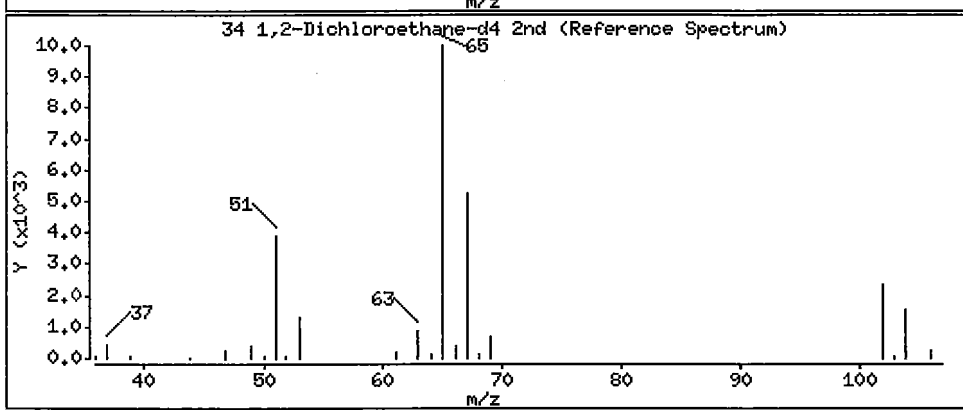
Column diameter: 0.53

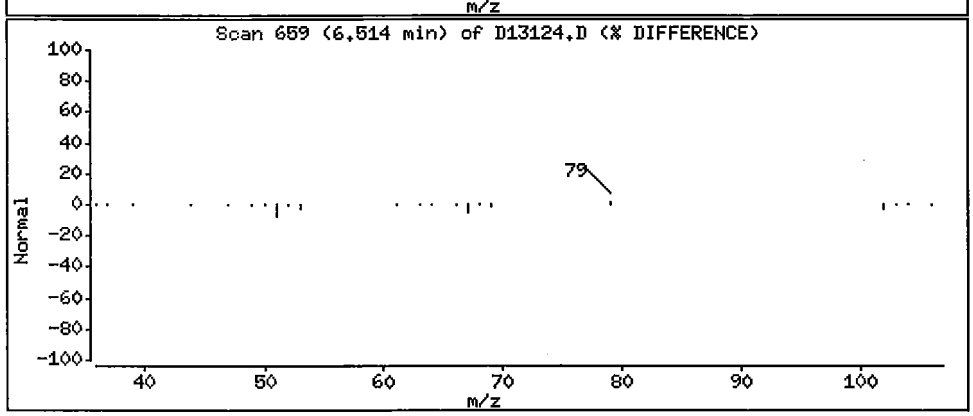
34 1,2-Dichloroethane-d4 2nd

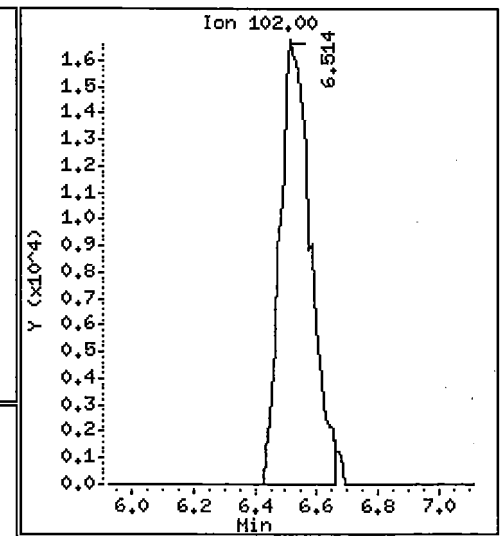
Concentration: 44.20 ug/Kg

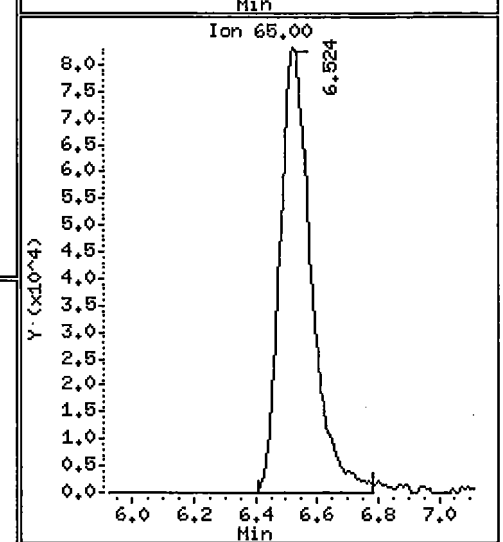












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13124.D

Date : 17-OCT-2000 15:45

Client ID: D13124

Instrument: md.i

Sample Info: DLJNM101,,2,,0,1,0,8260BDA.M,D13124

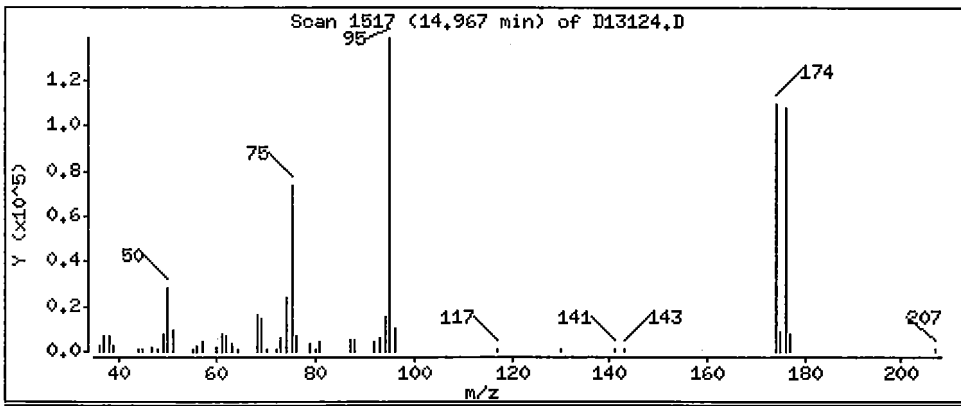
Operator: GFB

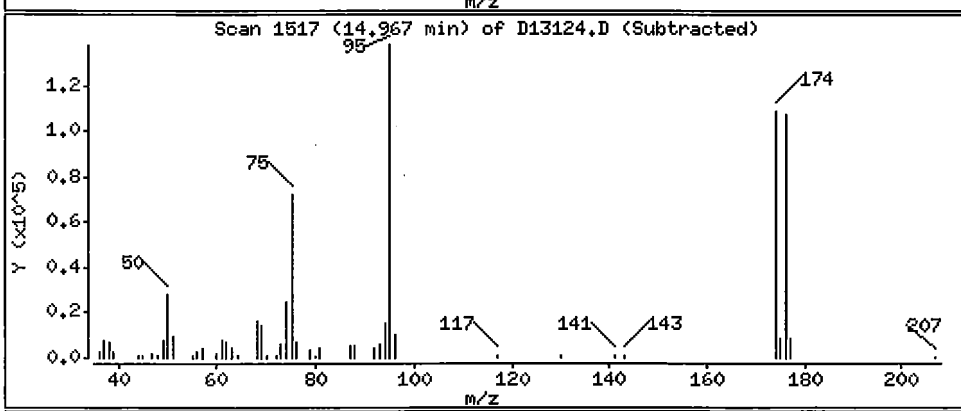
Column phase: J&W DB-624

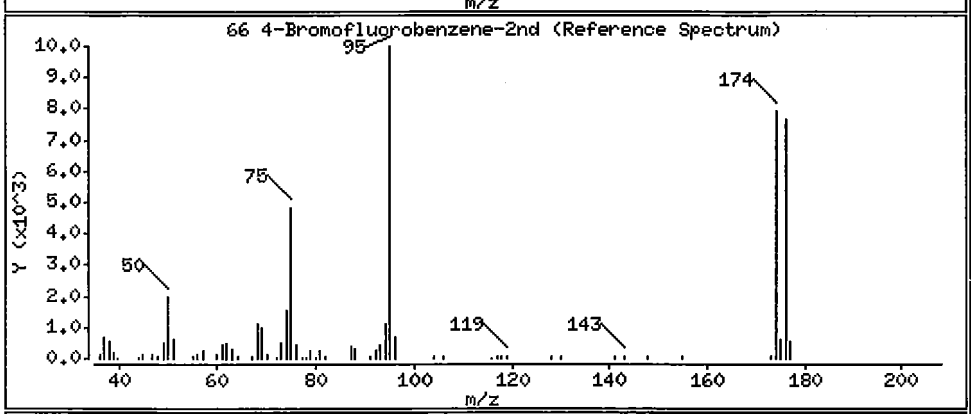
Column diameter: 0.53

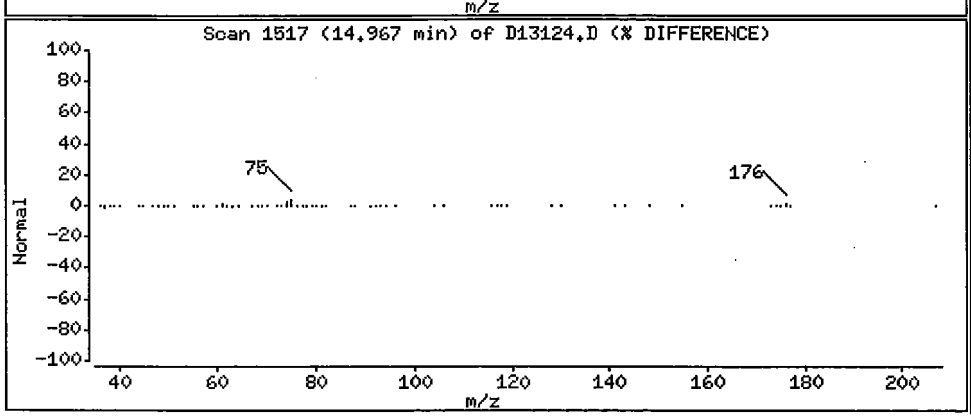
66 4-Bromofluorobenzene-2nd

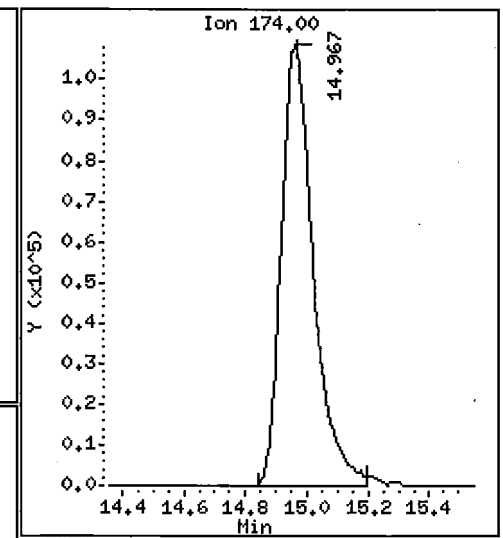
Concentration: 45.04 ug/Kg

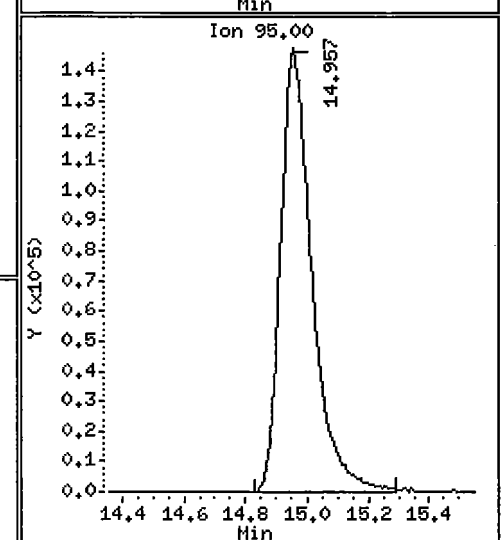


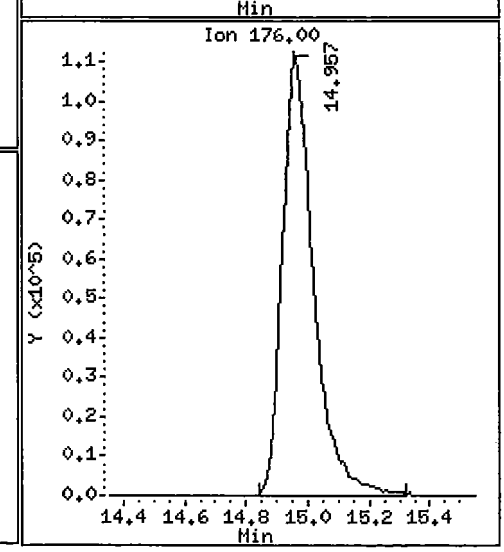












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13124.D

Date : 17-OCT-2000 15:45

Client ID: D13124

Instrument: md.i

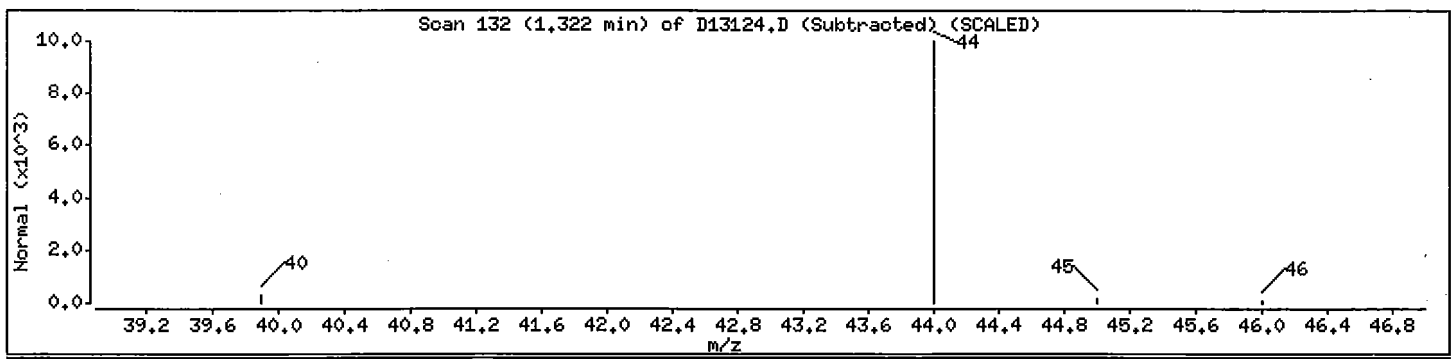
Sample Info: DLJNM101,,2,,0,1,0,8260BDA.M,D13124

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



02

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13125.D
Lab Smp Id: DLJNP101 Client Smp ID: D13125
Inj Date : 17-OCT-2000 16:16
Operator : GFB Inst ID: md.i
Smp Info : DLJNP101,,2,,0,1,0,8260BDA.M,D13125
Misc Info : 325-29,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.987	5.988	(0.843)	869166	45.3811	45.38	
$ 33 1,2-Dichloroethane-d4	65	6.528	6.520	(0.920)	581159	44.9546	44.95	
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.520	(0.918)	116070	44.5030	44.50	
* 38 Fluorobenzene	96	7.100	7.091	(1.000)	1346509	50.0000		
$ 47 Toluene-d8	98	9.918	9.929	(0.786)	1257655	45.5156	45.52	
* 56 Chlorobenzene-d5	117	12.617	12.609	(1.000)	1193594	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.962	14.953	(0.866)	772363	47.7596	47.76	
$ 67 4-Bromofluorobenzene	95	14.942	14.953	(0.865)	1000441	46.3504	46.35	
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.269	(1.000)	812171	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\1017AD.B\D13125.D
Lab Smp Id: DLJNP101 Client Smp ID: D13125
Inj Date : 17-OCT-2000 16:16
Operator : GFB Inst ID: md.i
Smp Info : DLJNP101,,2,,0,1,0,8260BDA.M,D13125
Misc Info : 325-29,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	3131645	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.326	511767	8.17088938	8.17	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJNP101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13125
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~~ N	1.326	8.17	J

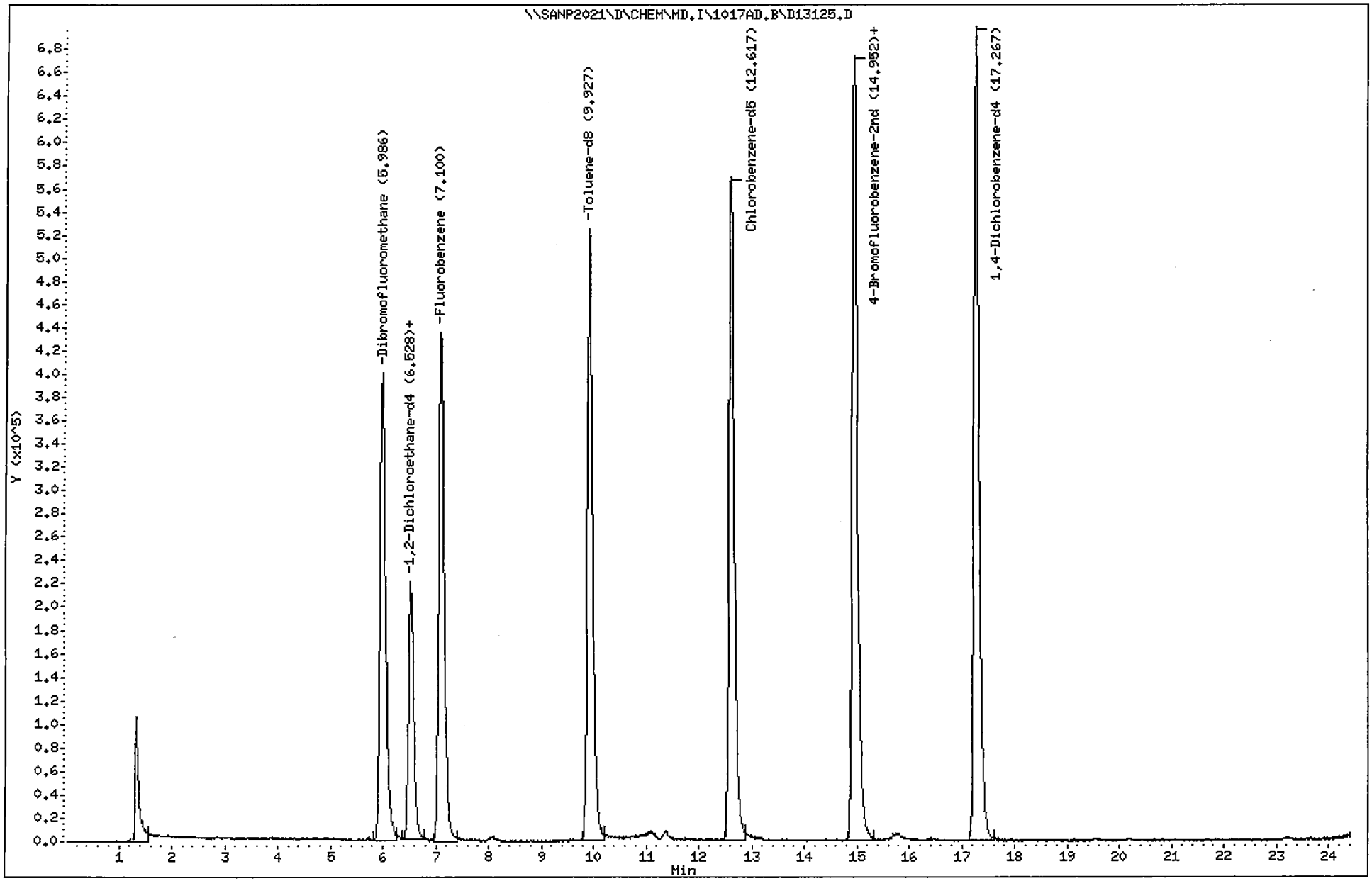
Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13125.D
Date : 17-OCT-2000 16:16
Client ID: D13125
Sample Info: DLJNP101,,2,,0,1,0,8260BDA.M,D13125

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



000650

BOE-C6-0169935

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13125.D

Date : 17-OCT-2000 16:16

Client ID: D13125

Instrument: md.i

Sample Info: DLJNP101,,2,,0,1,0,8260BDA,M,D13125

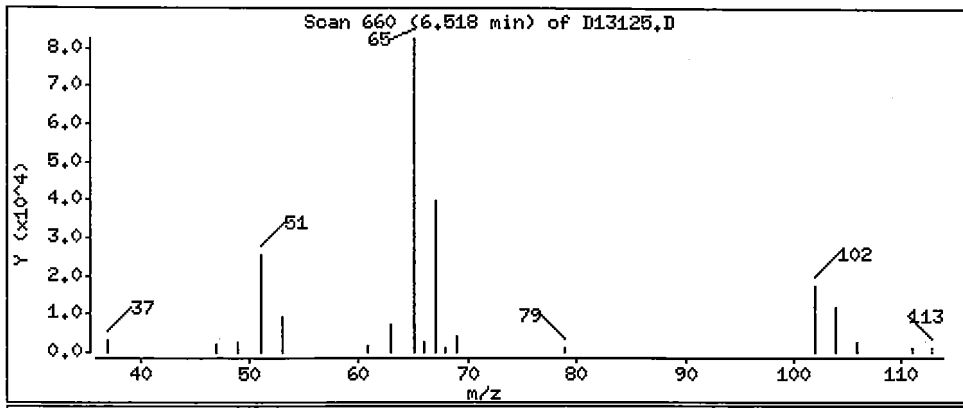
Operator: GFB

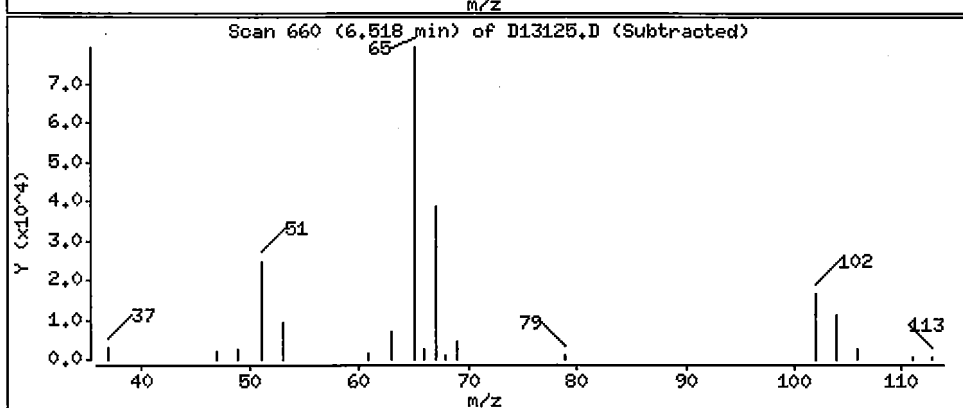
Column phase: J&W DB-624

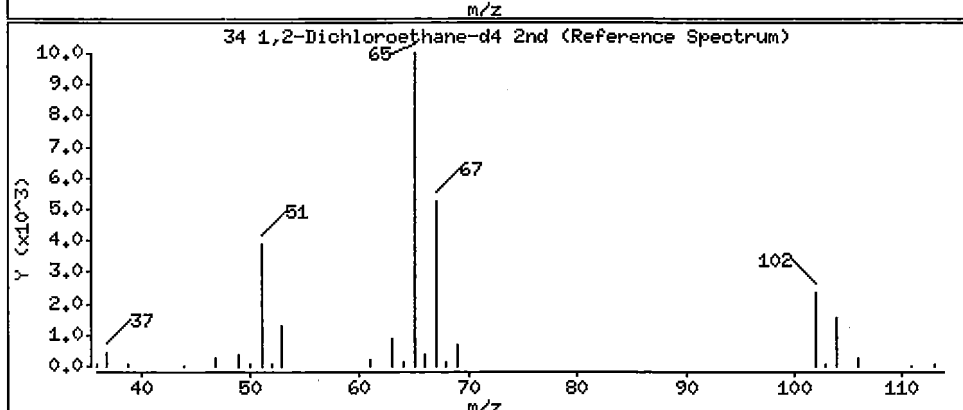
Column diameter: 0.53

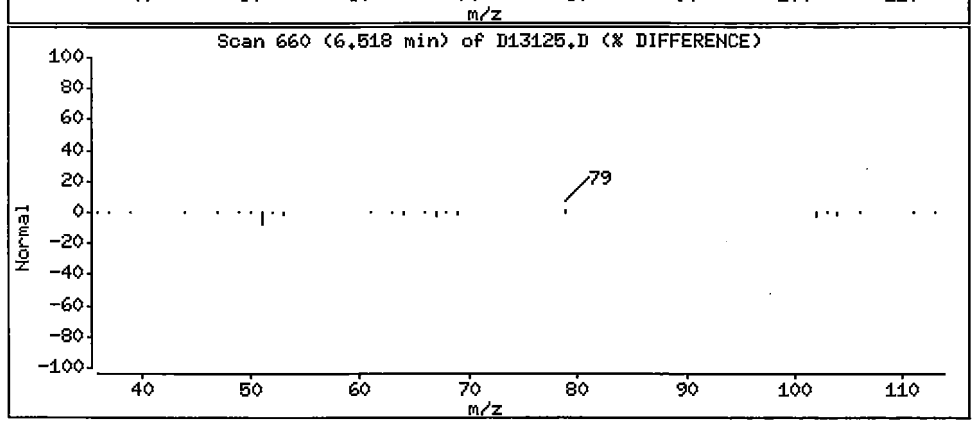
34 1,2-Dichloroethane-d4 2nd

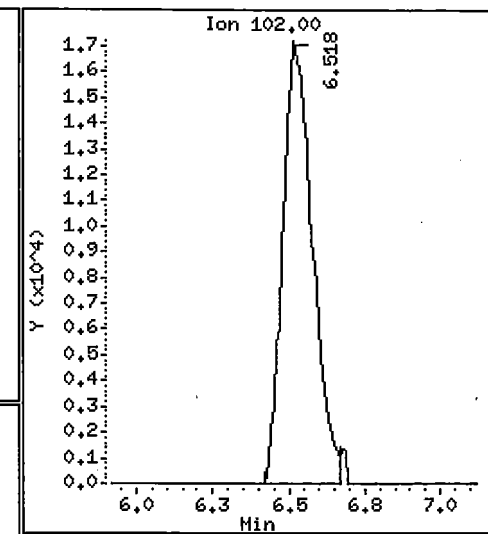
Concentration: 44.50 ug/Kg

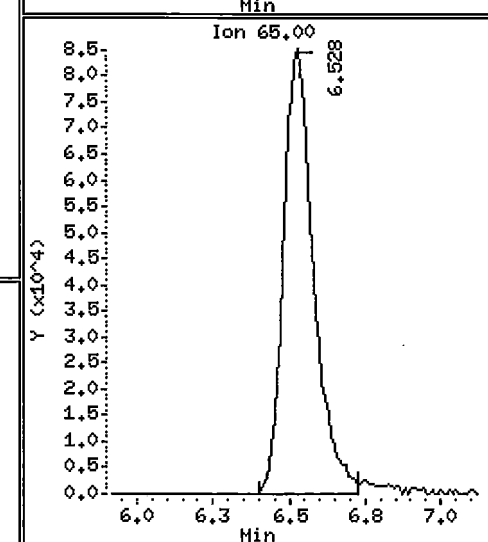












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13125.D

Date : 17-OCT-2000 16:16

Client ID: D13125

Instrument: md.i

Sample Info: DLJNP101,,2,,0,1,0,8260BDA.M,D13125

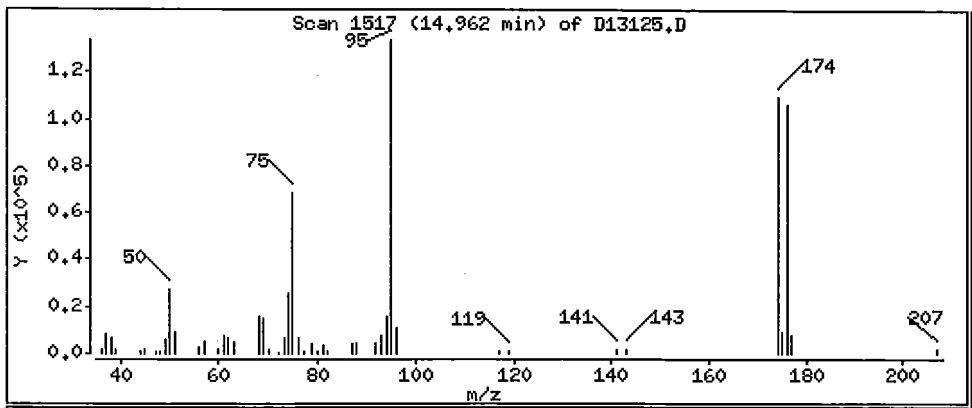
Operator: GFB

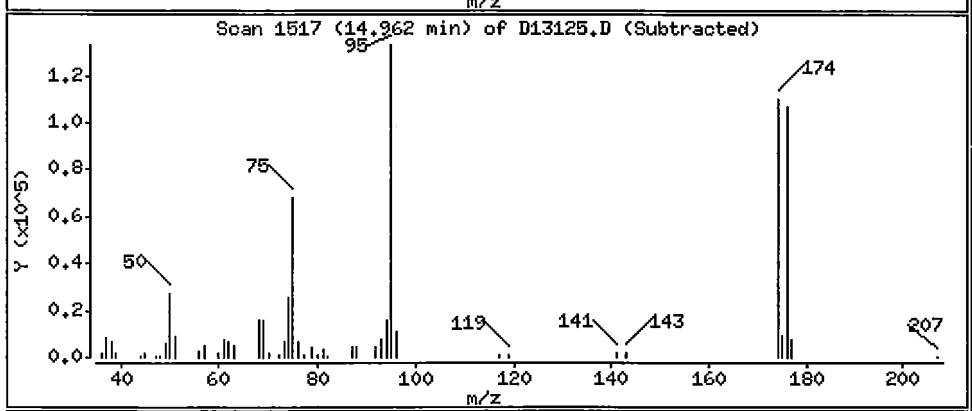
Column phase: J&W DB-624

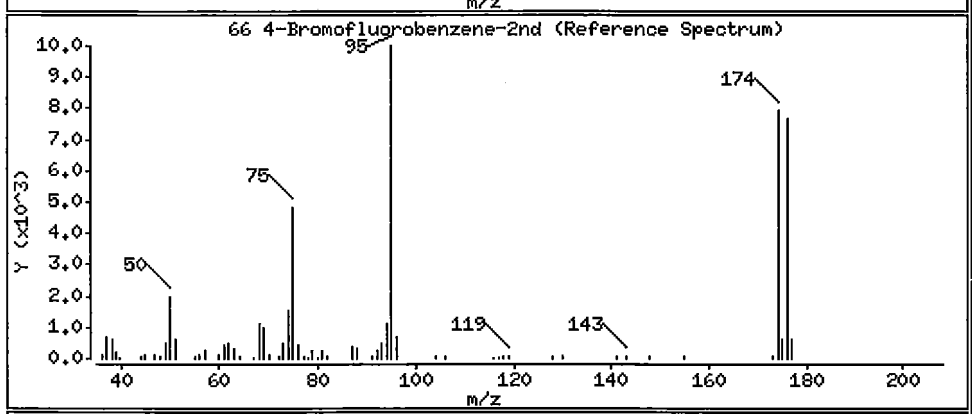
Column diameter: 0.53

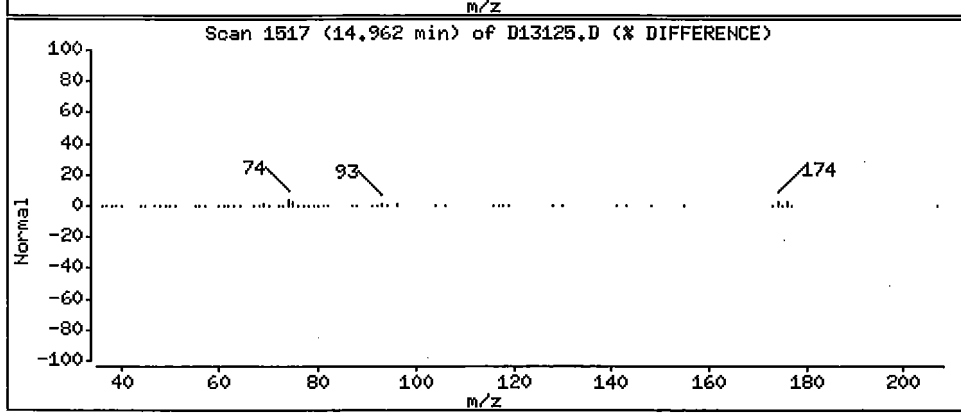
66 4-Bromofluorobenzene-2nd

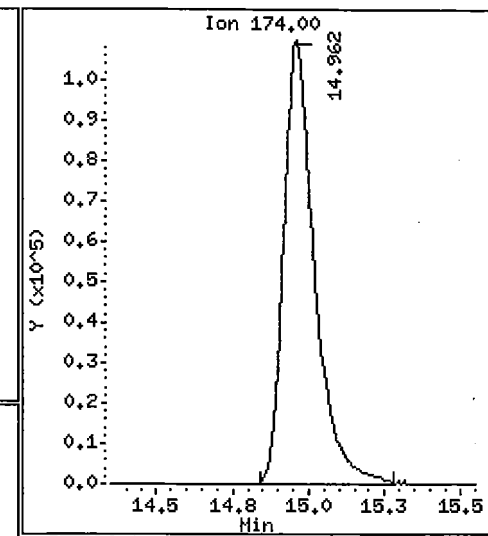
Concentration: 47.76 ug/Kg

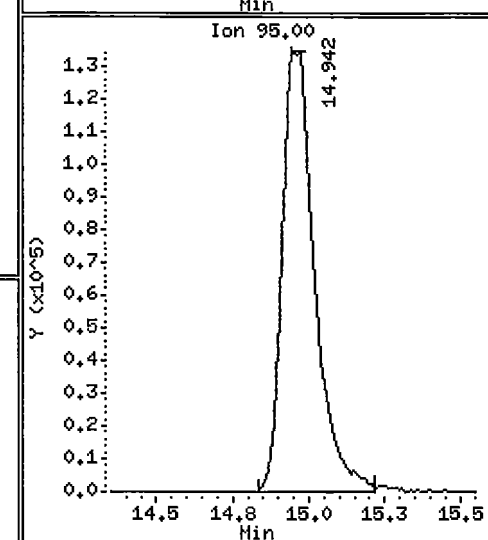


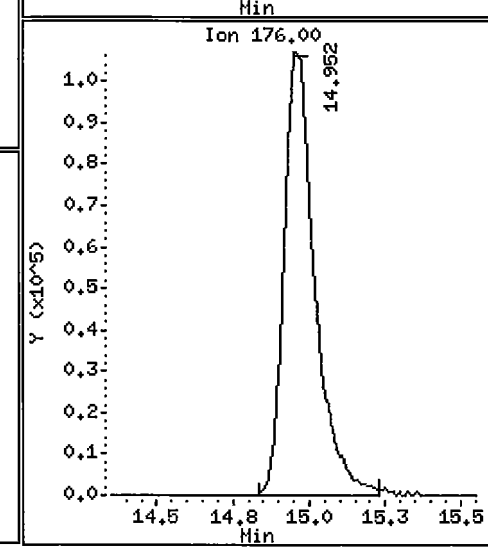












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13125.D

Date : 17-OCT-2000 16:16

Client ID: D13125

Instrument: md.i

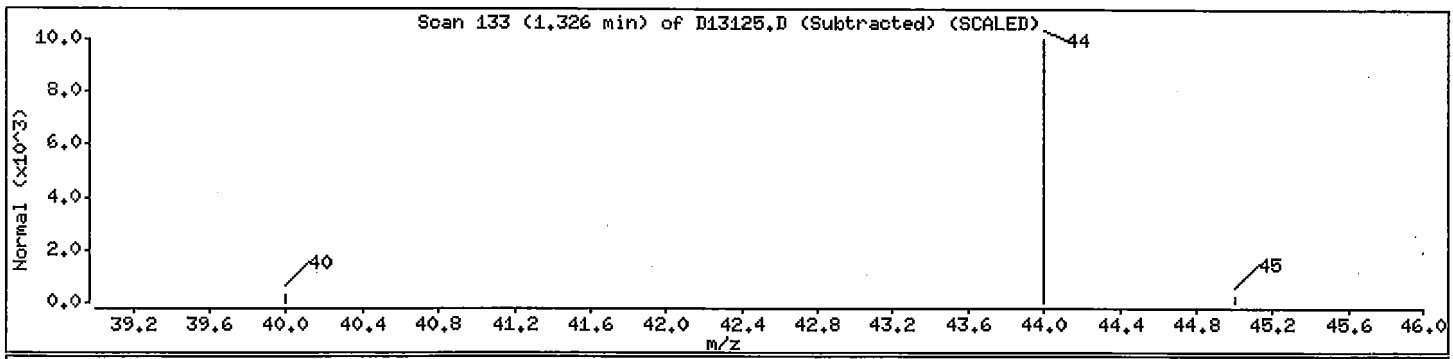
Sample Info: DLJNP101,,2,,0,1,0,8260BDA.M,D13125

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13126.D
Lab Smp Id: DLJNR101 Client Smp ID: D13126
Inj Date : 17-OCT-2000 16:48
Operator : GFB Inst ID: md.i
Smp Info : DLJNR101,,2,,0,1,0,8260BDA.M,D13126
Misc Info : 325-30,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.991	5.988	(0.844)	829386	49.5956	49.60	
$ 33 1,2-Dichloroethane-d4	65	6.513	6.520	(0.918)	530453	46.9938	46.99	
34 1,2-Dichloroethane-d4 2nd	102	6.533	6.520	(0.921)	104380	45.8355	45.84	
* 38 Fluorobenzene	96	7.094	7.091	(1.000)	1175695	50.0000		
$ 47 Toluene-d8	98	9.922	9.929	(0.787)	1194674	48.1582	48.16	
* 56 Chlorobenzene-d5	117	12.611	12.609	(1.000)	1071602	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.966	14.953	(0.867)	731966	49.3298	49.33	
$ 67 4-Bromofluorobenzene	95	14.956	14.953	(0.866)	973283	49.1451	49.14	
* 79 1,4-Dichlorobenzene-d4	152	17.262	17.269	(1.000)	745191	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\1017AD.B\D13126.D
Lab Smp Id: DLJNR101 Client Smp ID: D13126
Inj Date : 17-OCT-2000 16:48
Operator : GFB Inst ID: md.i
Smp Info : DLJNR101,,2,,0,1,0,8260BDA.M,D13126
Misc Info : 325-30,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.094	2712578	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	453980	8.36805208	8.37	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJNR101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13126
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

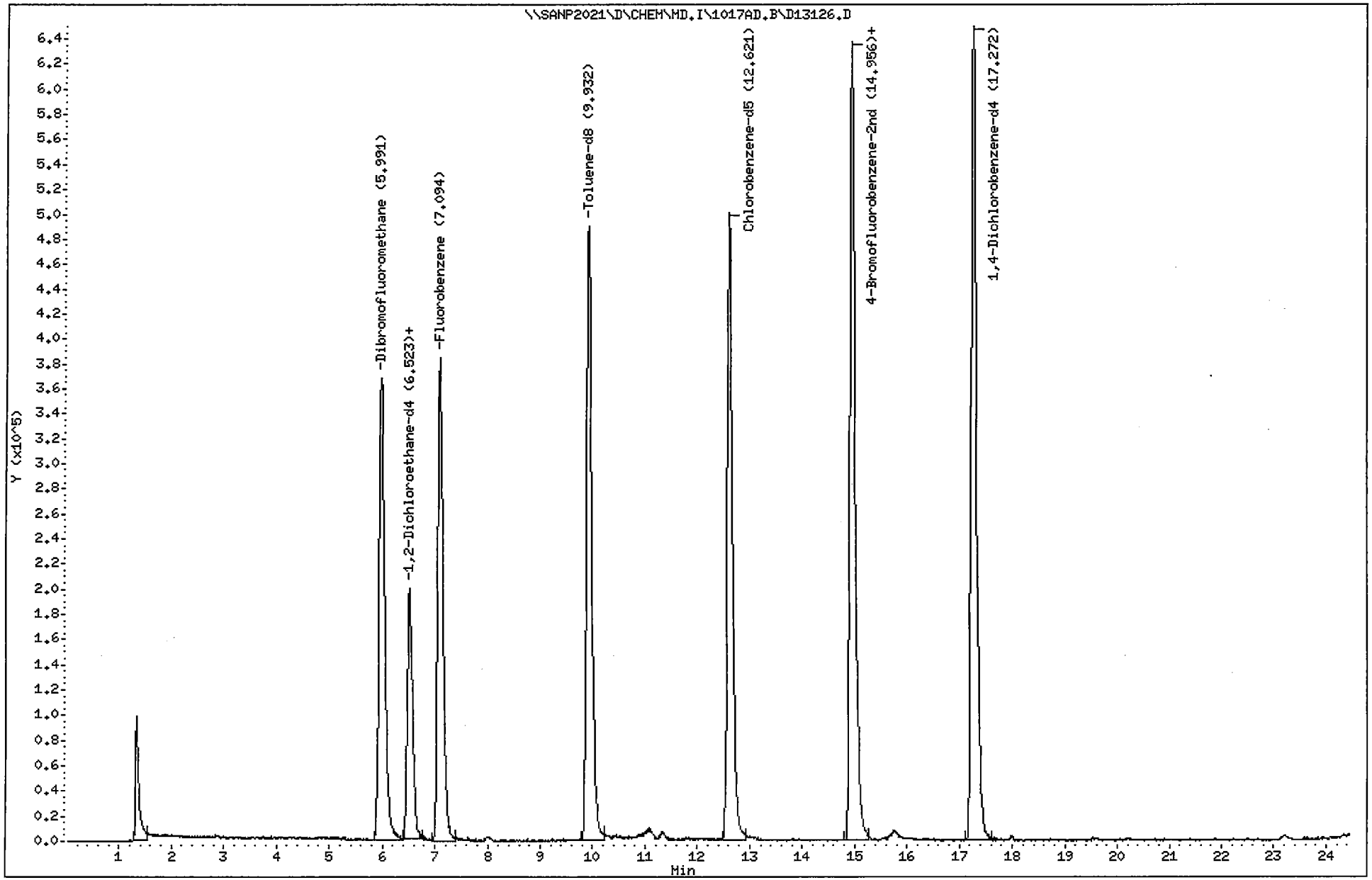
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ JD	1.321	8.37	J

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13126.D
Date : 17-OCT-2000 16:48
Client ID: D13126
Sample Info: DLJNR101,,2,,0,1,0,8260BDA.M,D13126

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



000657

BOE-C6-0169942

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13126.D

Date : 17-OCT-2000 16:48

Client ID: D13126

Instrument: md.i

Sample Info: DLJNR101,,2,,0,1,0,8260BDA.M,D13126

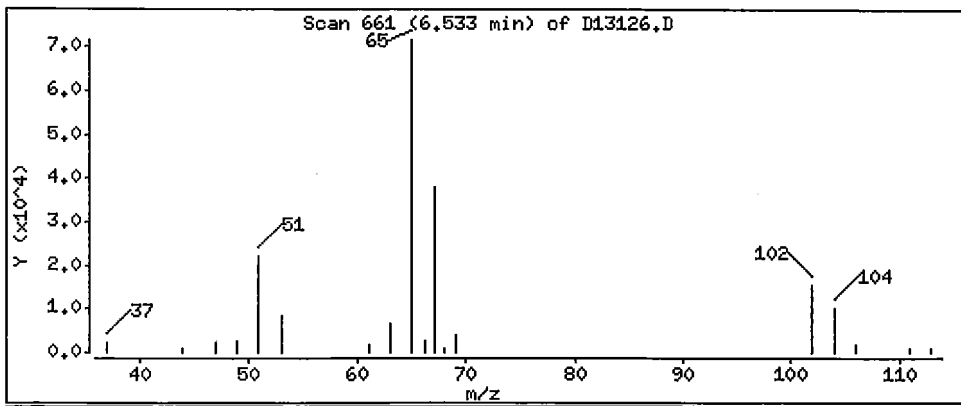
Operator: GFB

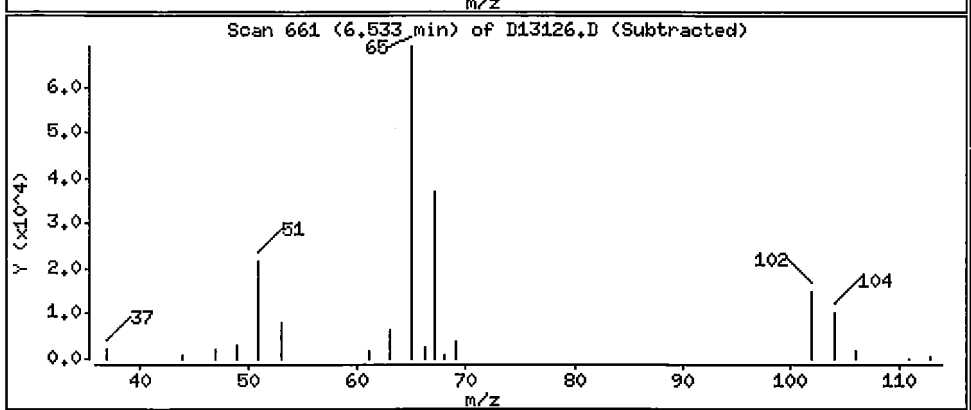
Column phase: J&W DB-624

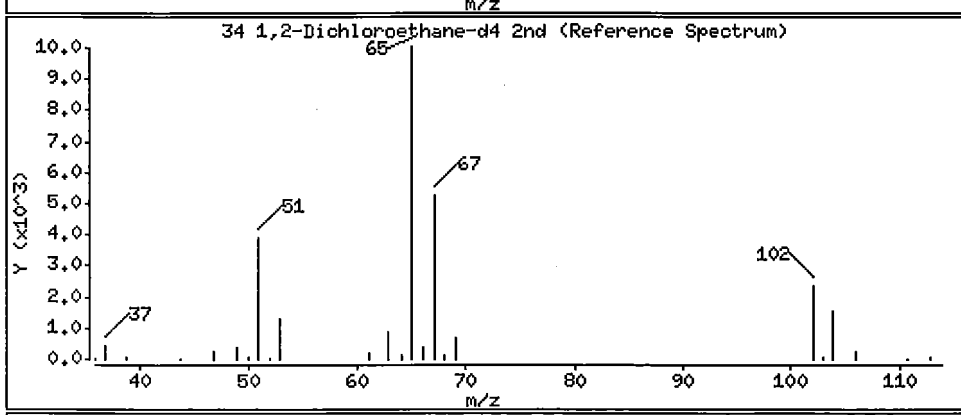
Column diameter: 0.53

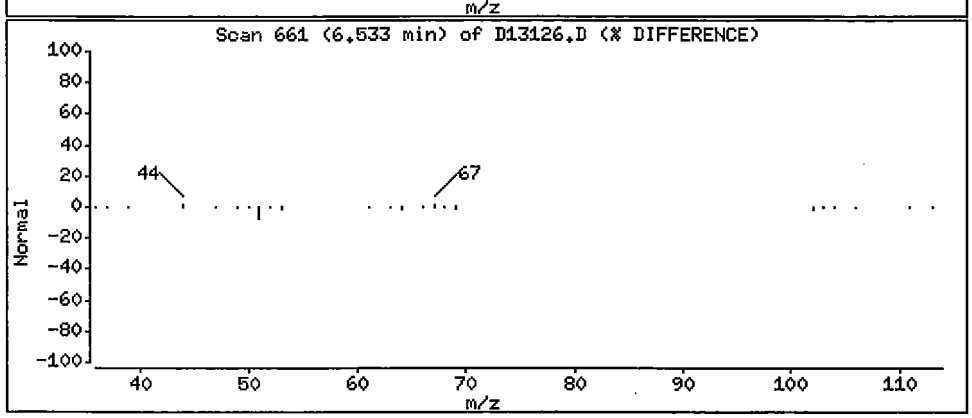
34 1,2-Dichloroethane-d4 2nd

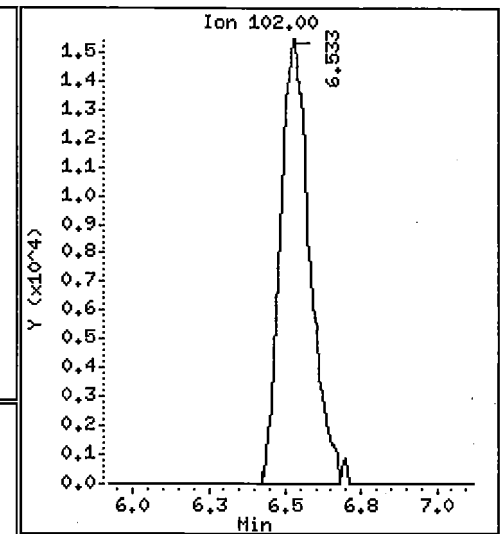
Concentration: 45.84 ug/Kg

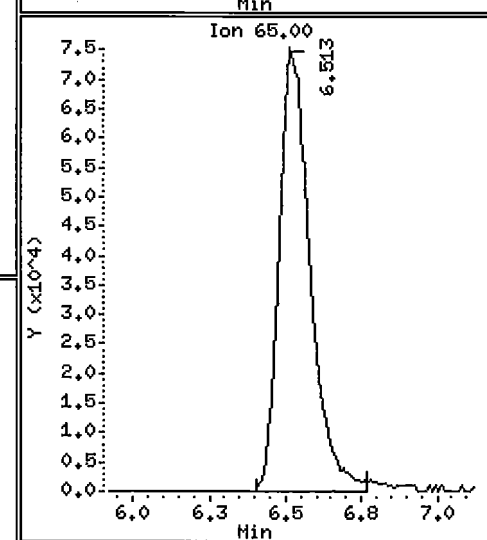












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13126.D

Date : 17-OCT-2000 16:48

Client ID: D13126

Instrument: md.i

Sample Info: DLJNR101,,2,,0,1,0,8260BDA.M,D13126

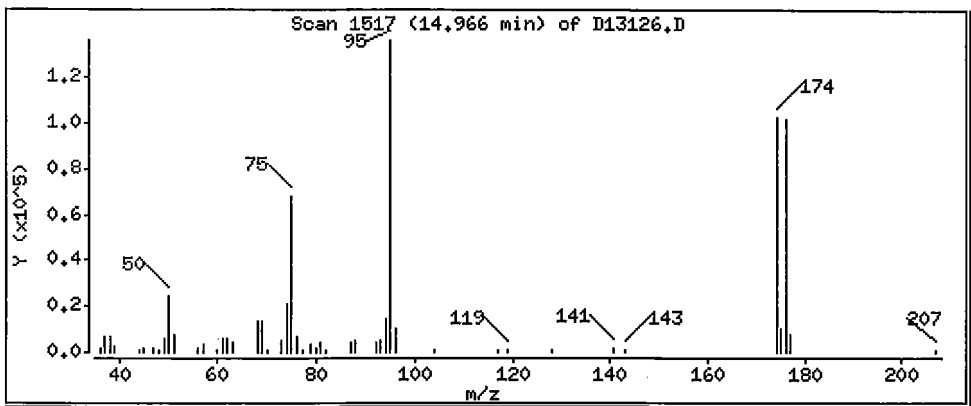
Operator: GFB

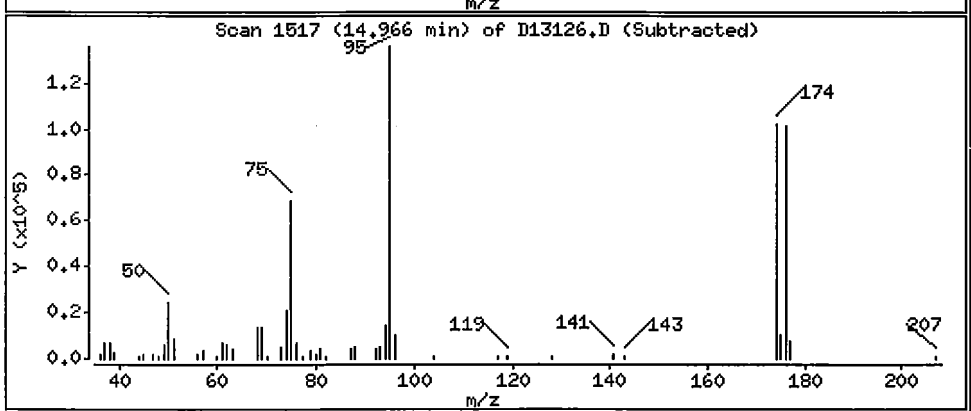
Column phase: J&W DB-624

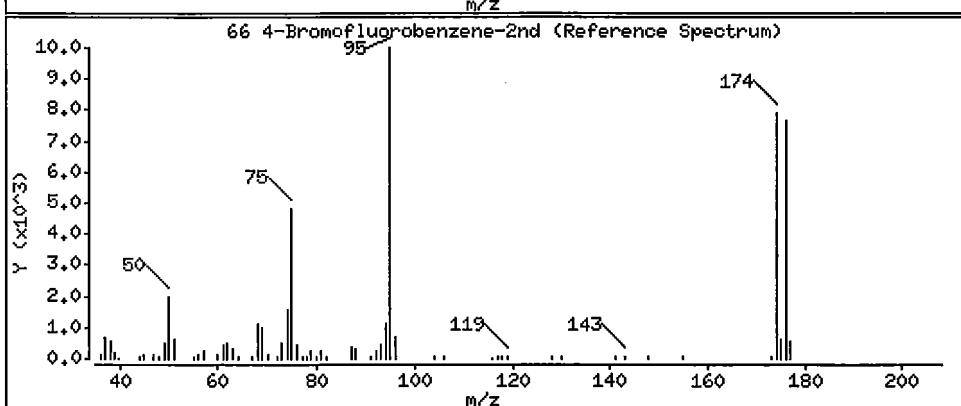
Column diameter: 0.53

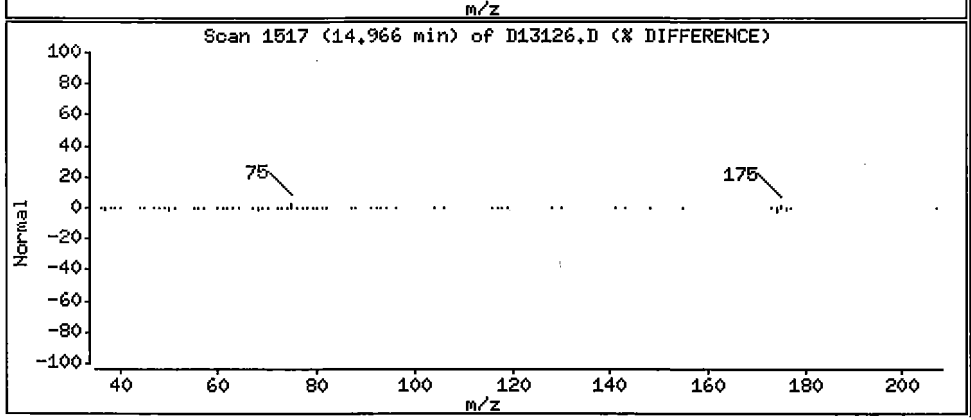
66 4-Bromofluorobenzene-2nd

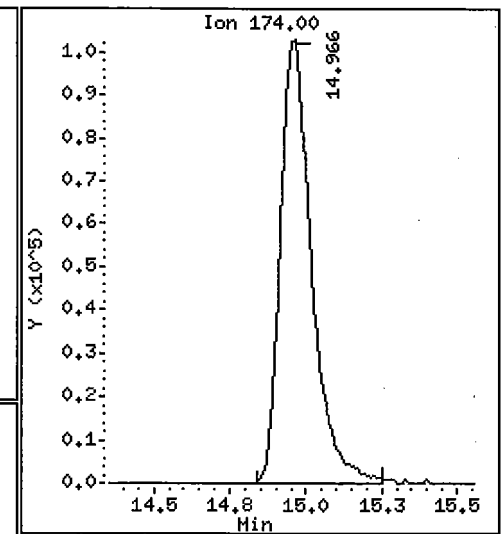
Concentration: 49.33 ug/Kg

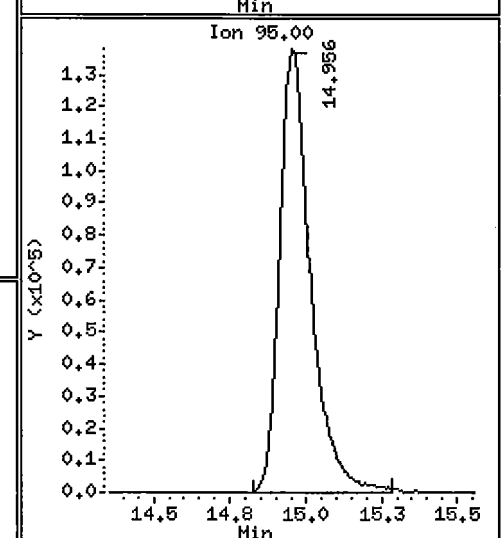


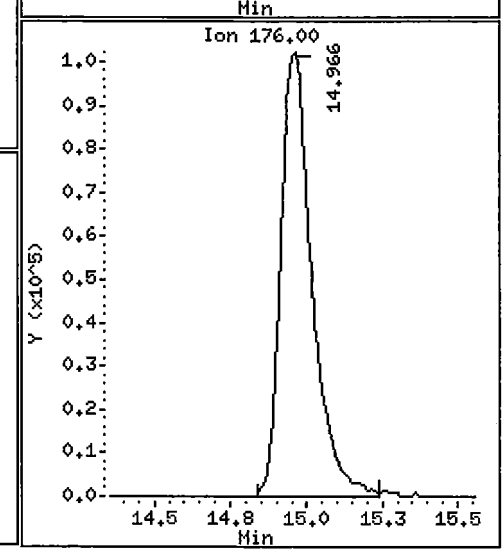












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13126.D

Date : 17-OCT-2000 16:48

Client ID: D13126

Instrument: md.i

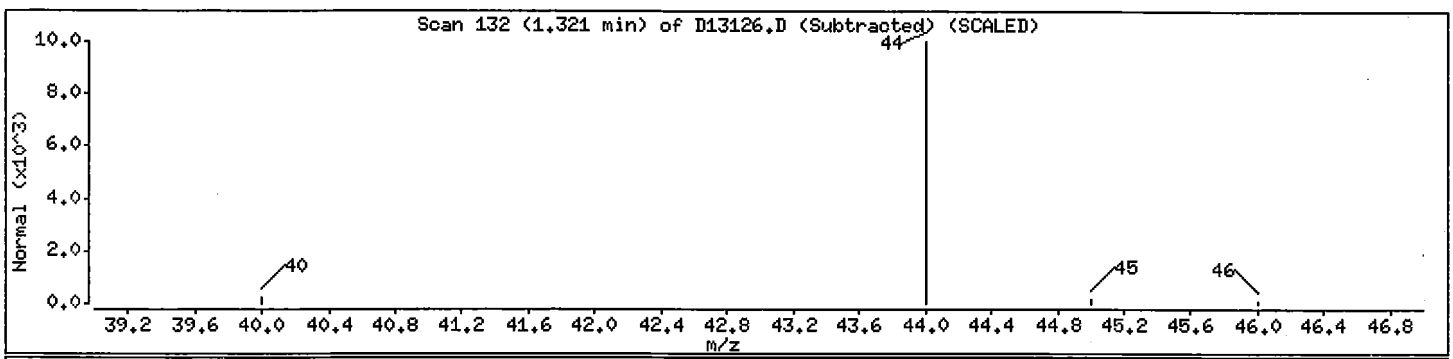
Sample Info: DLJNR101,,2,,0,1,0,8260BDA.M,D13126

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13127.D
Lab Smp Id: DLJNV101 Client Smp ID: D13127
Inj Date : 17-OCT-2000 17:21
Operator : GFB Inst ID: md.i
Smp Info : DLJNV101,,2,,0,1,0,8260BDA.M,D13127
Misc Info : 325-31,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.989	5.988	(0.842)	810391	50.0626	50.06	
$ 33 1,2-Dichloroethane-d4	65	6.521	6.520	(0.917)	498704	45.6424	45.64	
34 1,2-Dichloroethane-d4 2nd	102	6.521	6.520	(0.917)	97668	44.3066	44.31	
* 38 Fluorobenzene	96	7.112	7.091	(1.000)	1138052	50.0000		
$ 47 Toluene-d8	98	9.940	9.929	(0.788)	1160972	50.1852	50.18	
* 56 Chlorobenzene-d5	117	12.619	12.609	(1.000)	999311	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.964	14.953	(0.867)	703128	50.0357	50.04	
$ 67 4-Bromofluorobenzene	95	14.954	14.953	(0.866)	926907	49.4202	49.42	
* 79 1,4-Dichlorobenzene-d4	152	17.270	17.269	(1.000)	705734	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\1017AD.B\D13127.D
Lab Smp Id: DLJNV101 Client Smp ID: D13127
Inj Date : 17-OCT-2000 17:21
Operator : GFB Inst ID: md.i
Smp Info : DLJNV101,,2,,0,1,0,8260BDA.M,D13127
Misc Info : 325-31,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.112	2619652	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.329	539752	10.3019696	10.30	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJNV101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13127
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

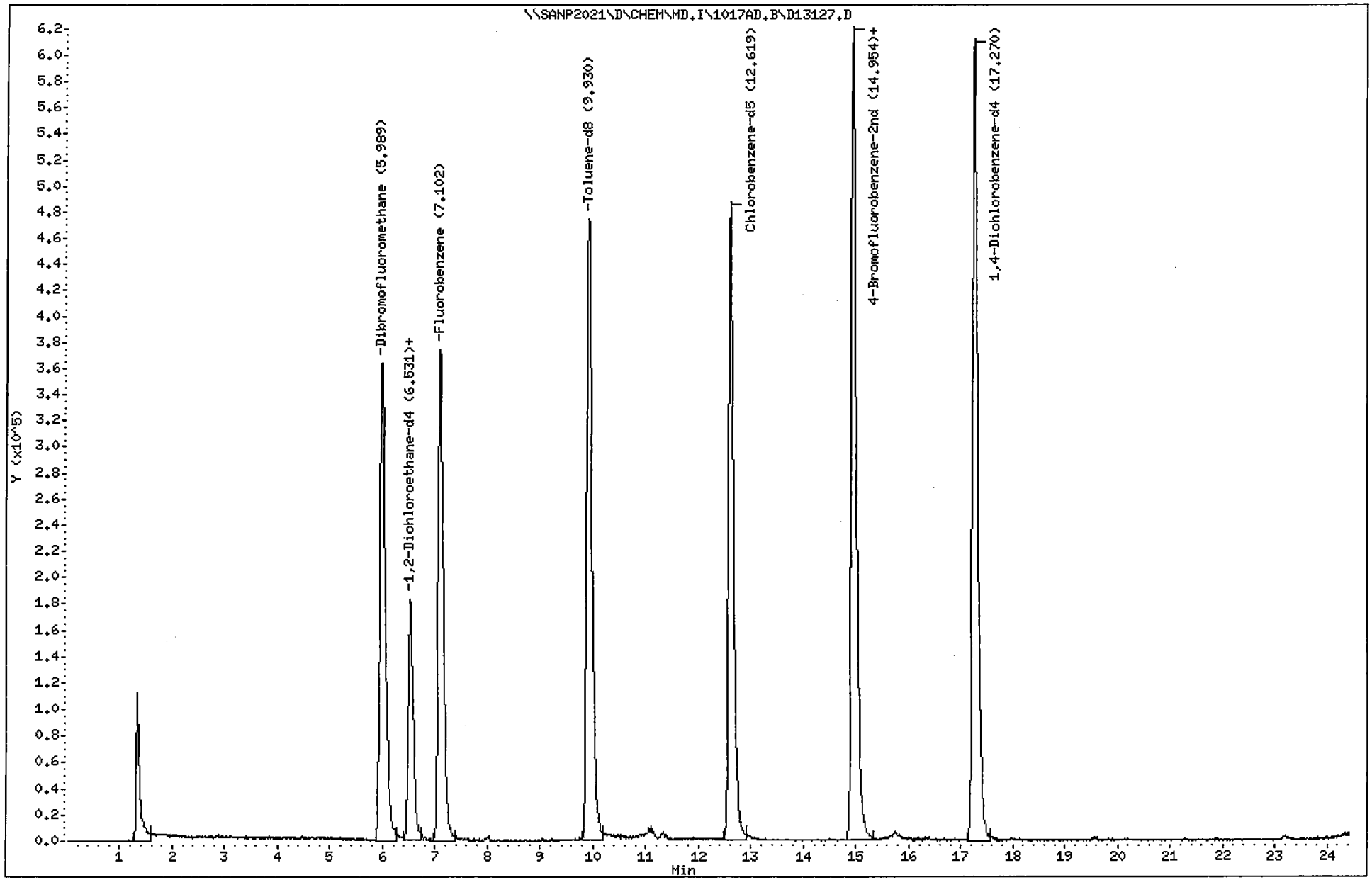
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ 30	1.329	10.30	J

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13127.D
Date : 17-OCT-2000 17:21
Client ID: D13127
Sample Info: DLJNV101,,2,,0,1,0,8260BDA.M,D13127

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



000664

BOE-C6-0169949

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13127.D

Date : 17-OCT-2000 17:21

Client ID: D13127

Instrument: md.i

Sample Info: DLJNV101,,2,,0,1,0,8260BDA.M,D13127

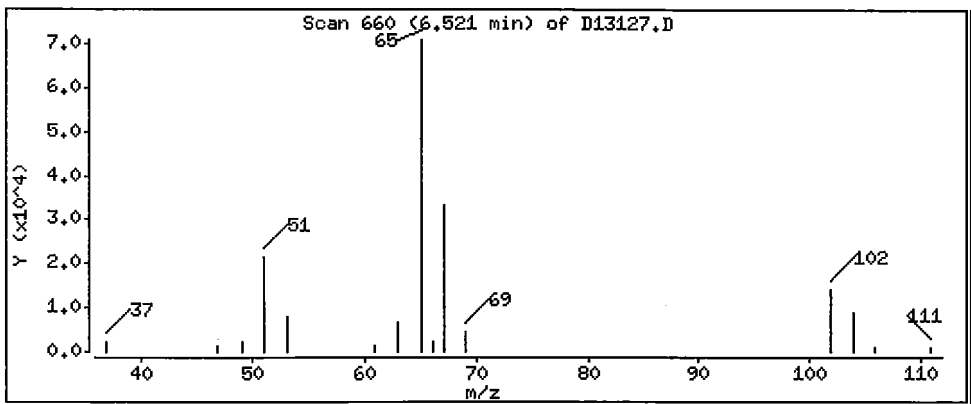
Operator: GFB

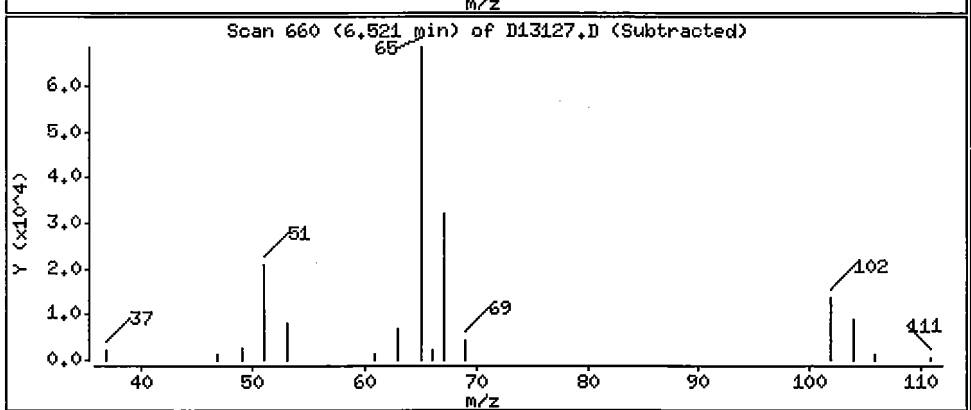
Column phase: J&W DB-624

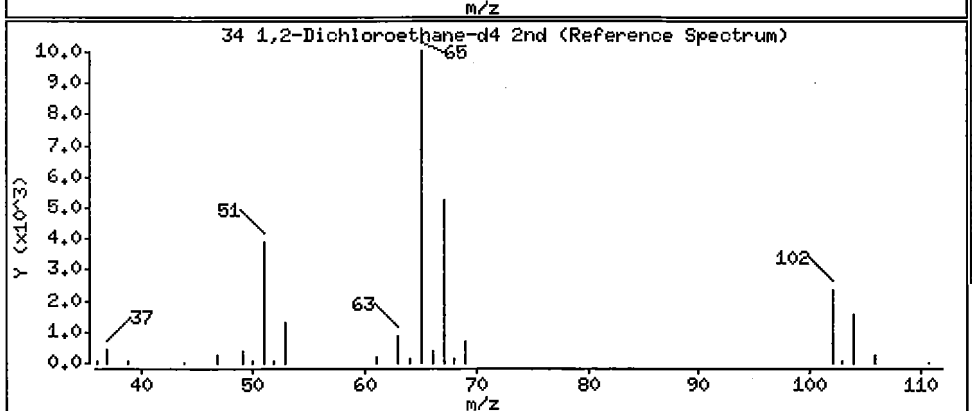
Column diameter: 0.53

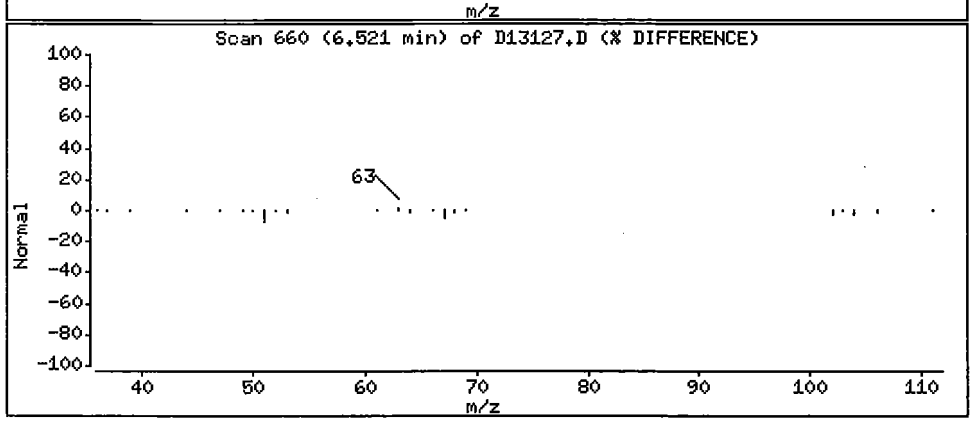
34 1,2-Dichloroethane-d4 2nd

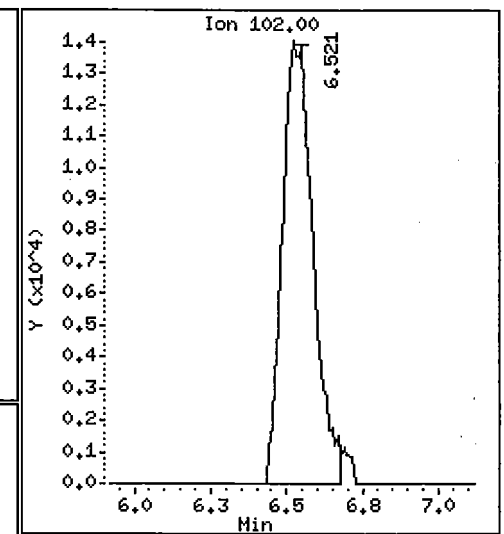
Concentration: 44.31 ug/Kg

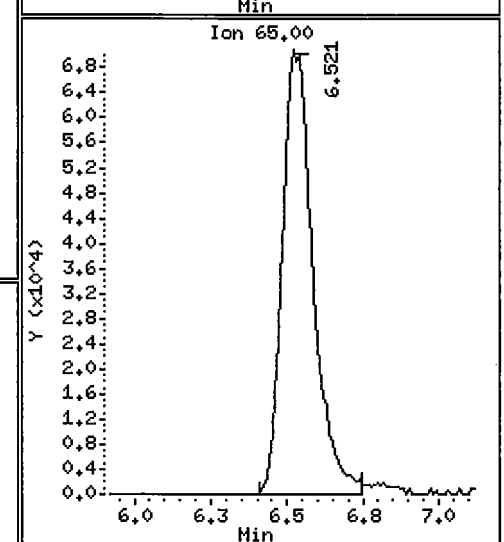












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13127.D

Date : 17-OCT-2000 17:21

Client ID: D13127

Instrument: md.i

Sample Info: DLJNV101,,2,,0,1,0,8260BDA.M,D13127

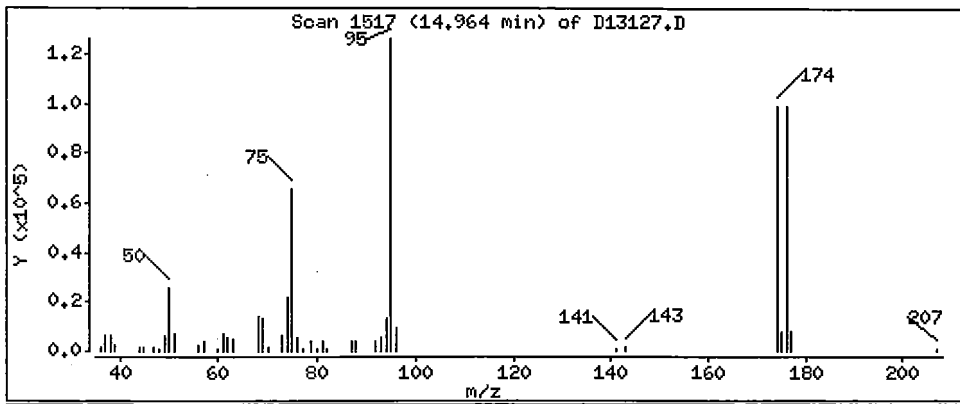
Operator: GFB

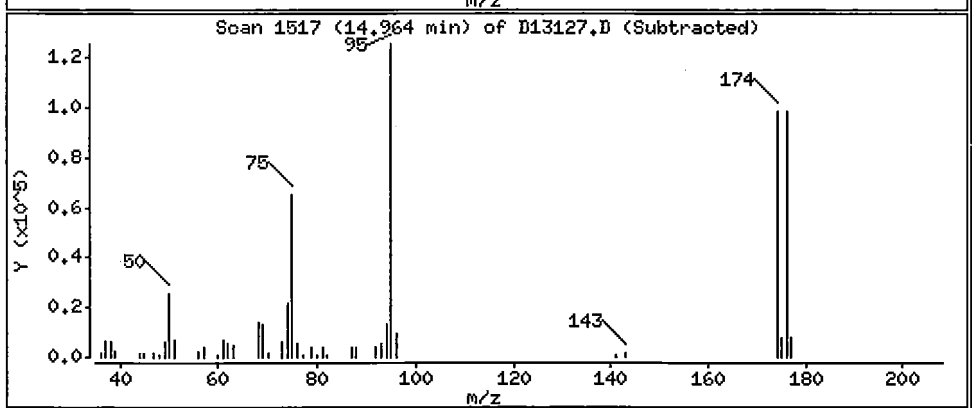
Column phase: J&W DB-624

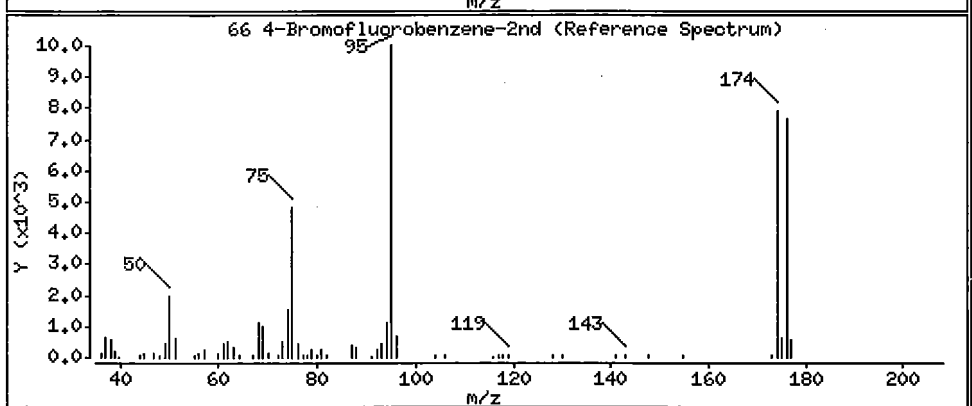
Column diameter: 0.53

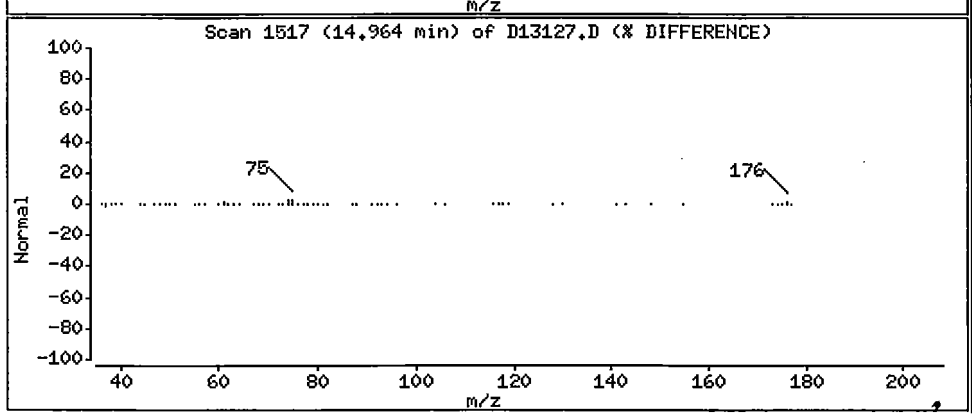
66 4-Bromofluorobenzene-2nd

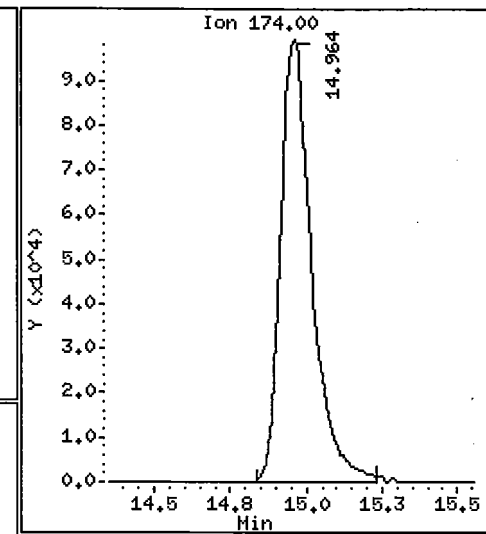
Concentration: 50.04 ug/Kg

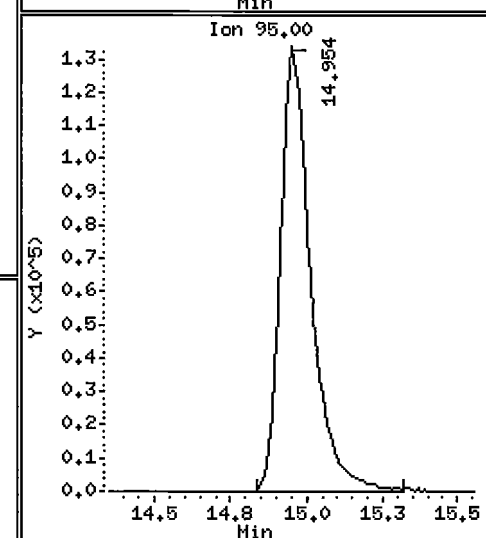


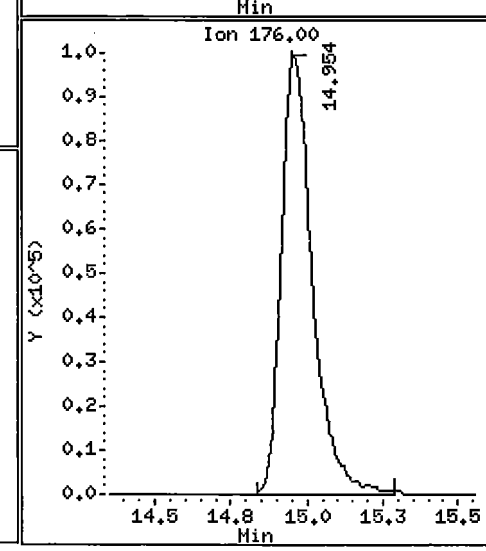












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13127.D

Date : 17-OCT-2000 17:21

Client ID: D13127

Instrument: md.i

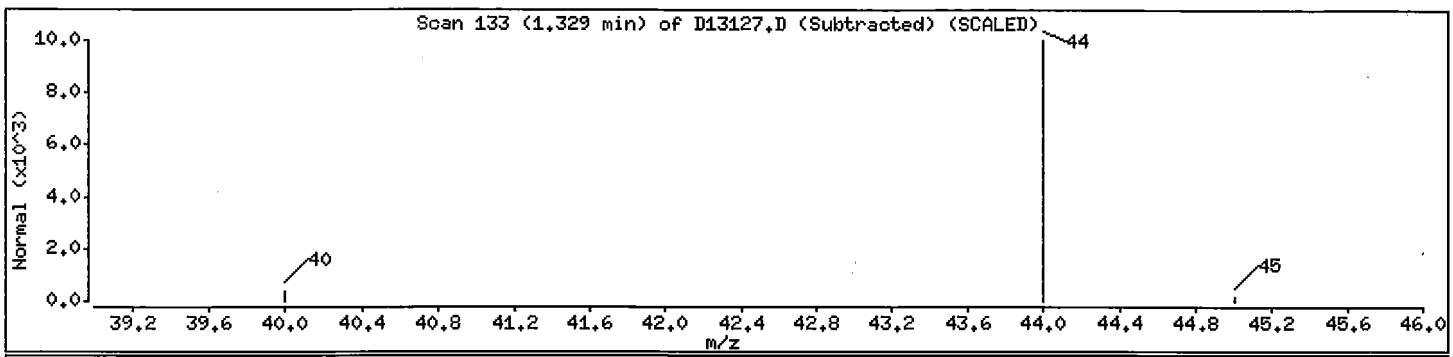
Sample Info: DLJNV101,,2,,0,1,0,8260BDA.M,D13127

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13128.D
Lab Smp Id: DLJP0101 Client Smp ID: D13128
Inj Date : 17-OCT-2000 17:56
Operator : GFB Inst ID: md.i
Smp Info : DLJP0101,,2,,0,1,0,8260BDA.M,D13128
Misc Info : 325-32,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.988	5.988	(0.843)	588900	45.5377	45.54	
$ 33 1,2-Dichloroethane-d4	65	6.530	6.520	(0.920)	318643	36.5041	36.50	
34 1,2-Dichloroethane-d4 2nd	102	6.520	6.520	(0.918)	64147	36.4252	36.42	
* 38 Fluorobenzene	96	7.101	7.091	(1.000)	909183	50.0000		
39 Trichloroethene	130	7.742	7.732	(1.090)	73369	8.63423	8.63	
$ 47 Toluene-d8	98	9.929	9.929	(0.787)	886267	50.2714	50.27	
* 56 Chlorobenzene-d5	117	12.618	12.609	(1.000)	761549	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.953	14.953	(0.866)	504654	49.4891	49.49	
$ 67 4-Bromofluorobenzene	95	14.943	14.953	(0.865)	664609	48.8320	48.83	
* 79 1,4-Dichlorobenzene-d4	152	17.269	17.269	(1.000)	512118	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\1017AD.B\D13128.D
Lab Smp Id: DLJP0101 Client Smp ID: D13128
Inj Date : 17-OCT-2000 17:56
Operator : GFB Inst ID: md.i
Smp Info : DLJP0101,,2,,0,1,0,8260BDA.M,D13128
Misc Info : 325-32,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.101	2094947	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.328	455300	10.8666265	10.87	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJP0101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13128
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

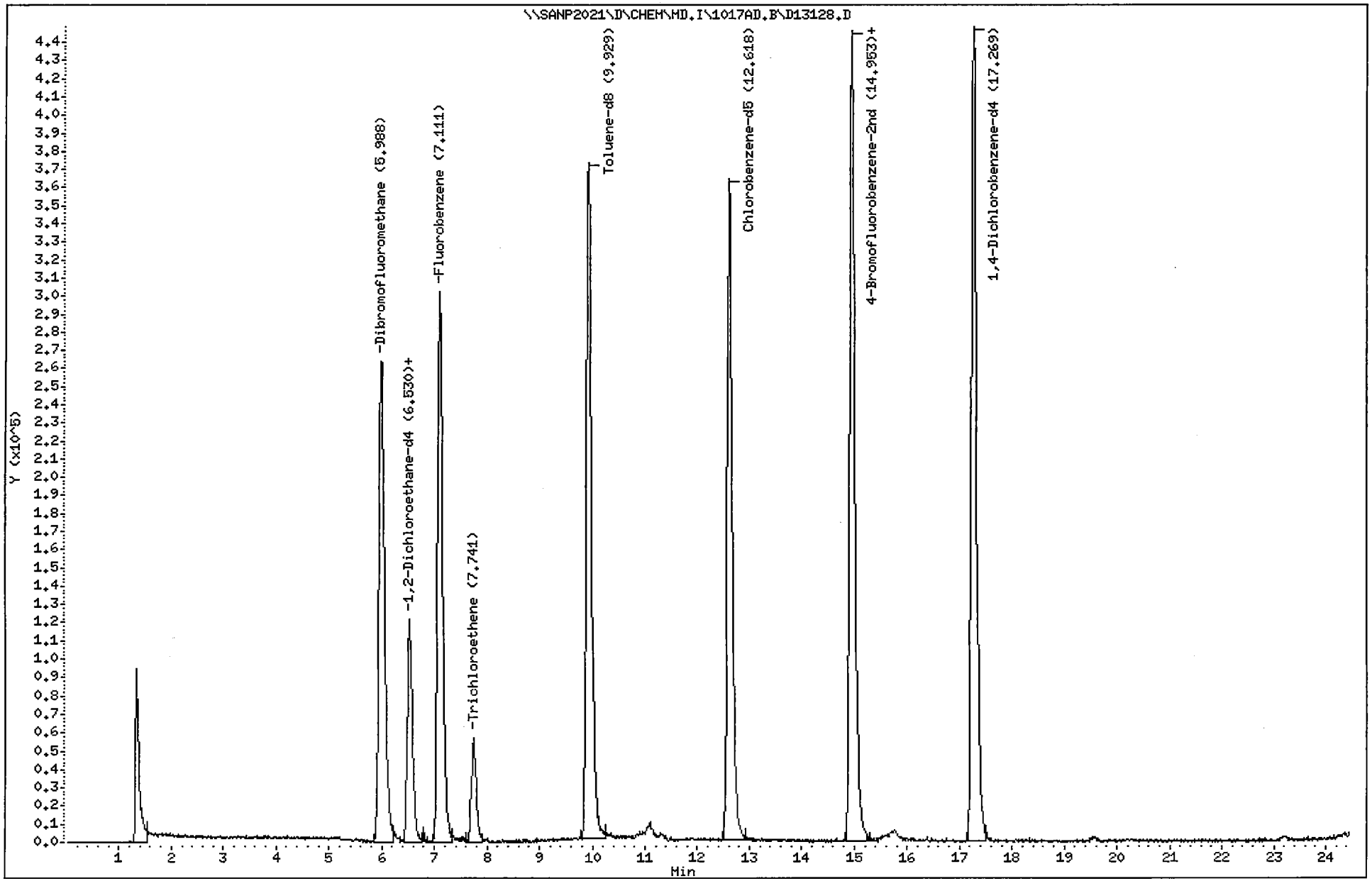
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Ny	1.328	10.87	J

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13128.D
Date : 17-OCT-2000 17:56
Client ID: D13128
Sample Info: DLJP0101,,2,,0,1,0,8260BDA.M,D13128

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0169957

000672

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13128.D

Date : 17-OCT-2000 17:56

Client ID: D13128

Instrument: md.i

Sample Info: DLJP0101,,2,,0,1,0,8260BDA.M,D13128

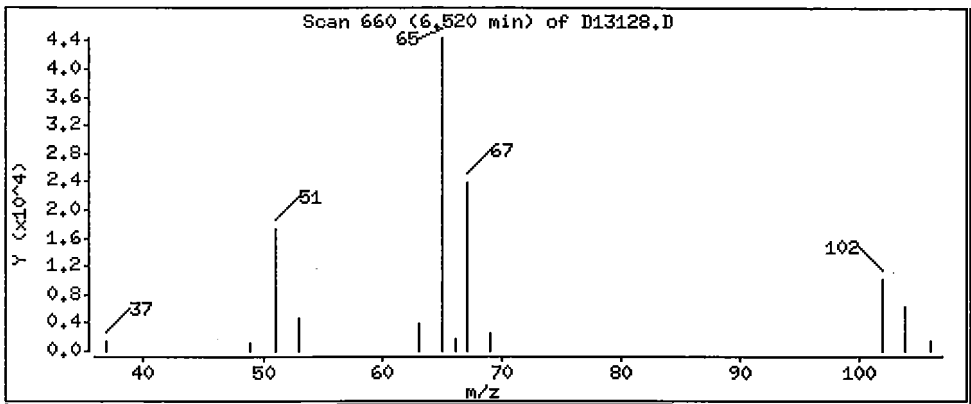
Operator: GFB

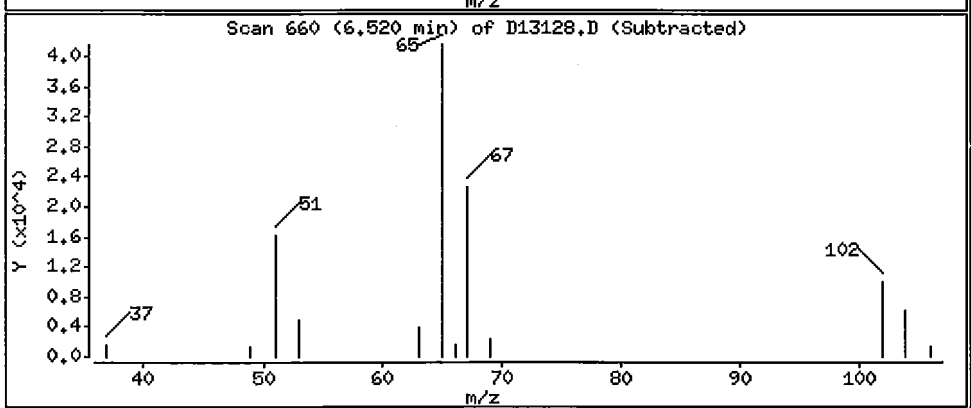
Column phase: J&W DB-624

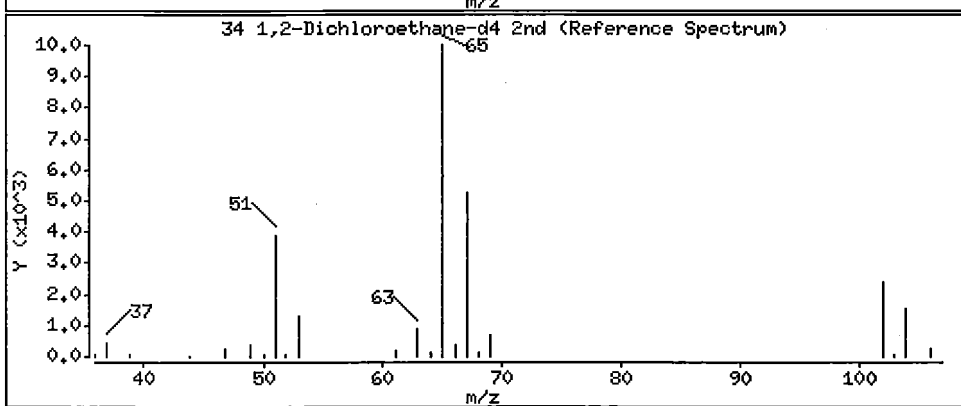
Column diameter: 0.53

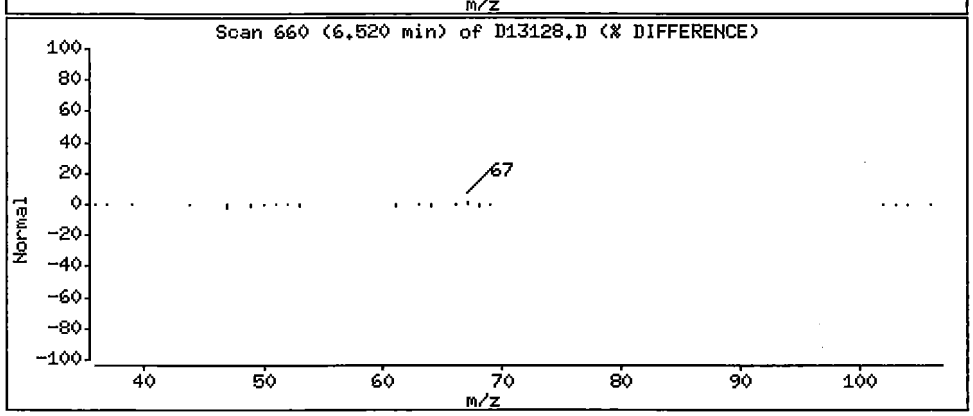
34 1,2-Dichloroethane-d4 2nd

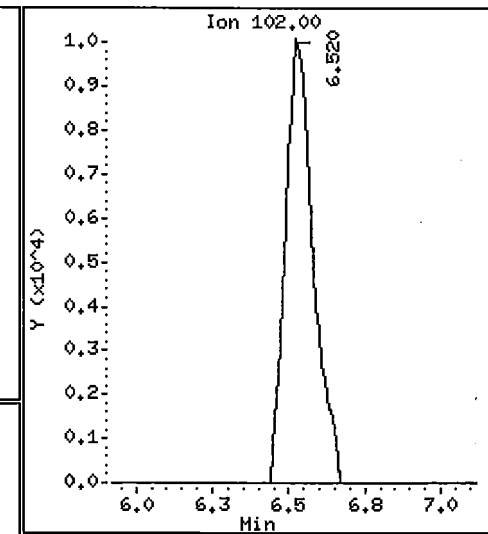
Concentration: 36.42 ug/Kg

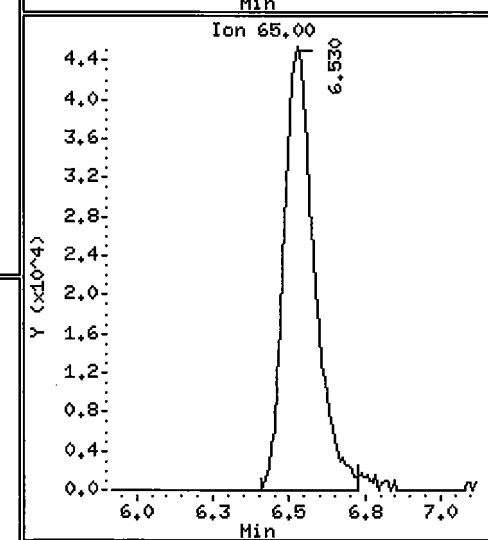












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13128.D

Date : 17-OCT-2000 17:56

Client ID: D13128

Instrument: md.i

Sample Info: DLJP0101,,2,,0,1,0,8260BDA.M,D13128

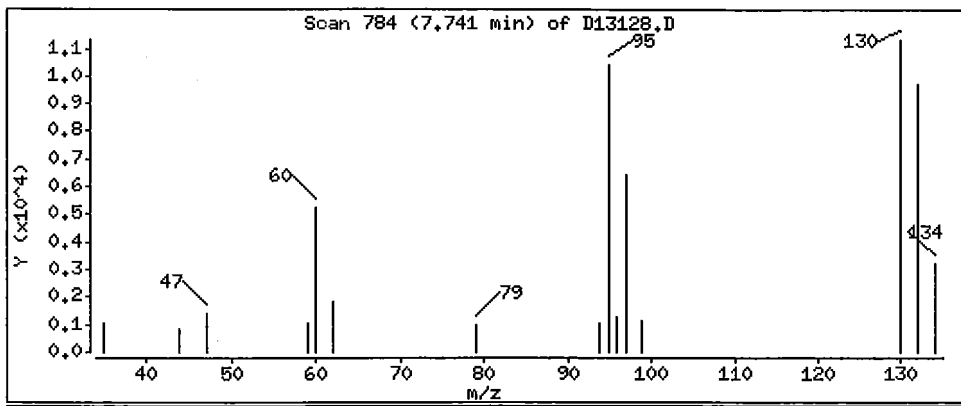
Operator: GFB

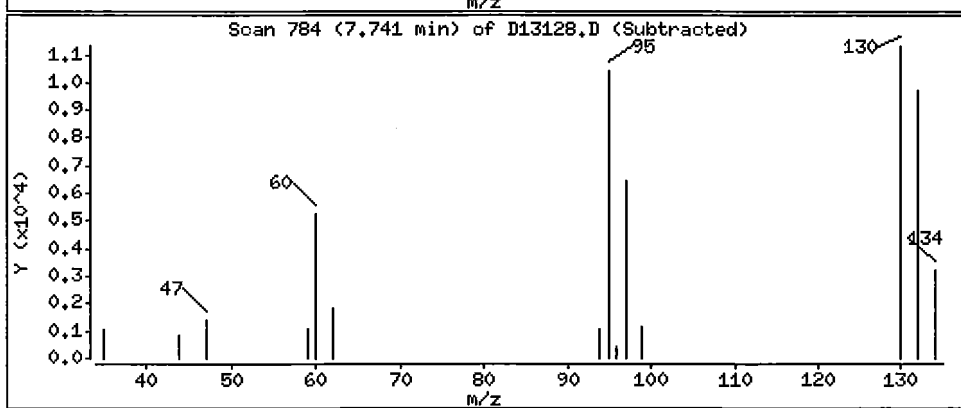
Column phase: J&W DB-624

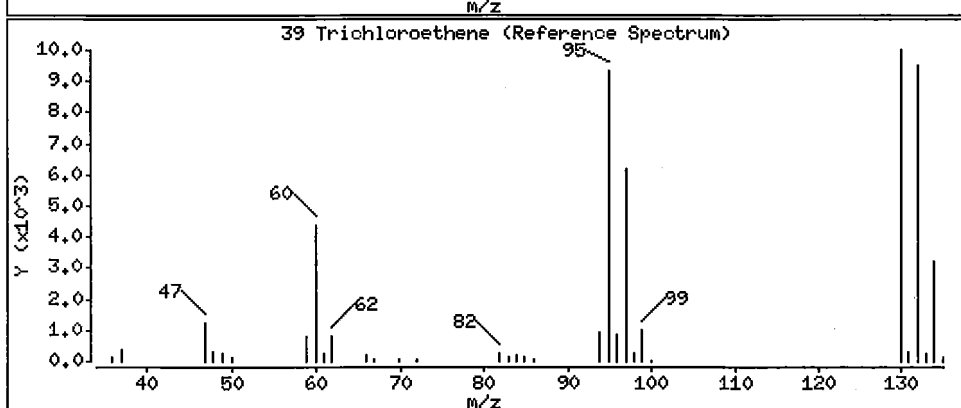
Column diameter: 0.53

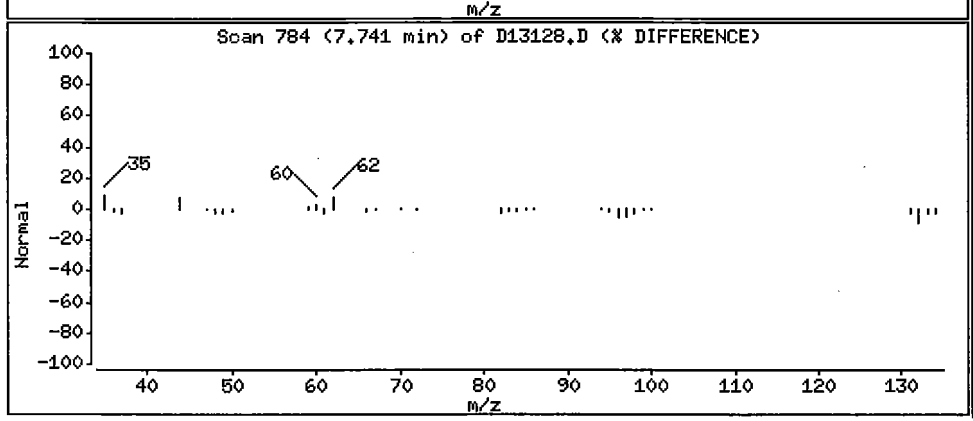
39 Trichloroethene

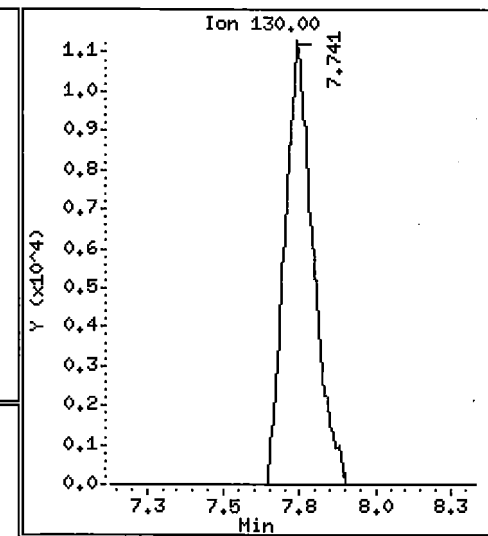
Concentration: 8.63 ug/Kg

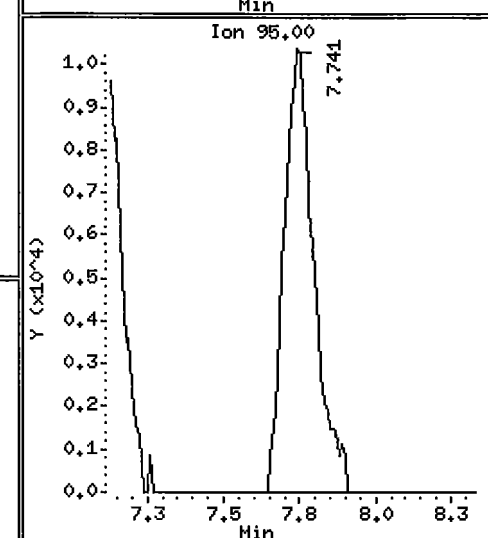


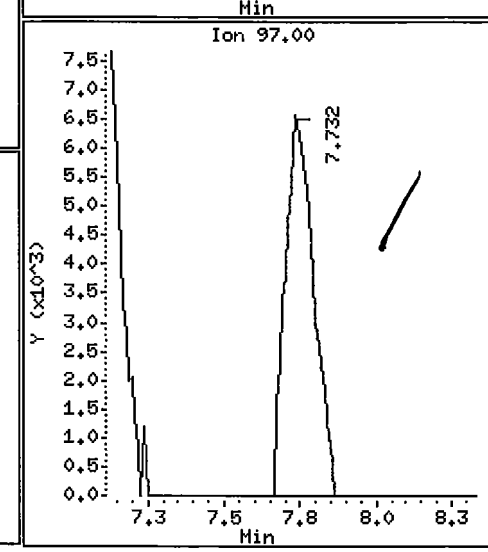












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13128.D

Date : 17-OCT-2000 17:56

Client ID: D13128

Instrument: md.i

Sample Info: DLJP0101,,2,,0,1,0,8260BDA.M,D13128

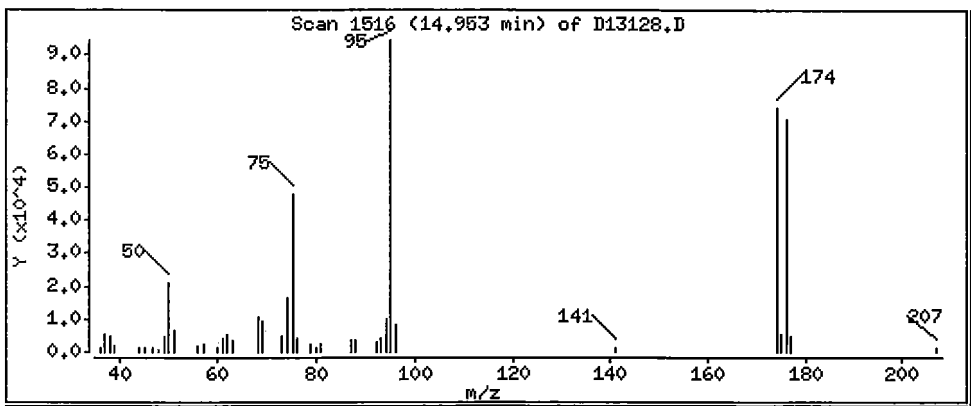
Operator: GFB

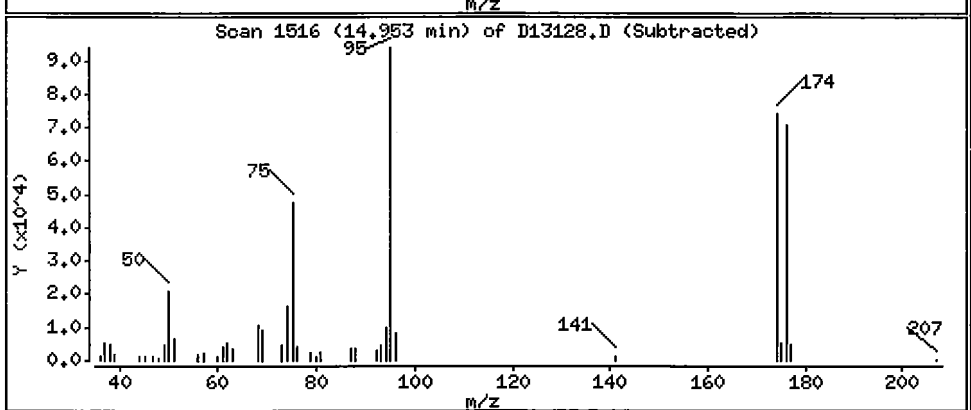
Column phase: J&W DB-624

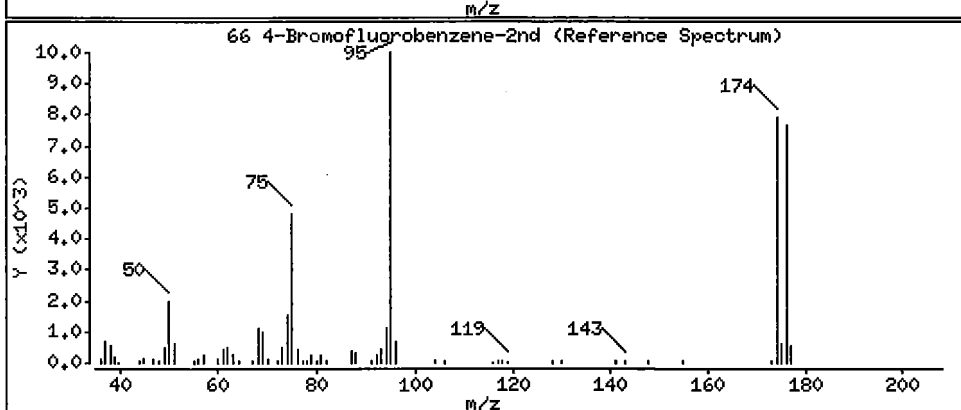
Column diameter: 0.53

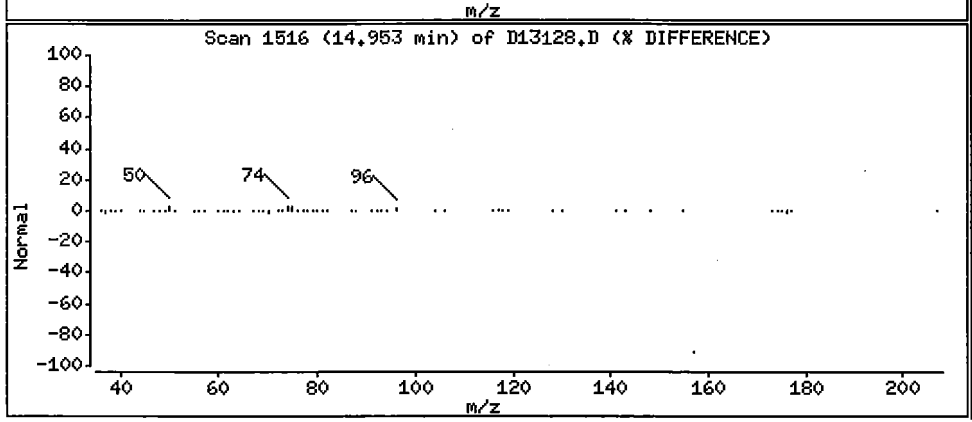
66 4-Bromofluorobenzene-2nd

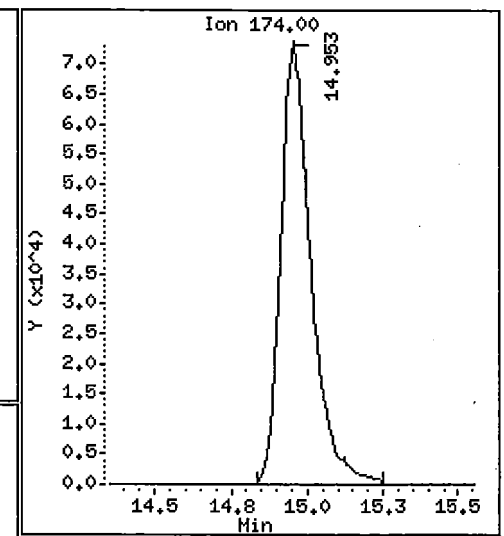
Concentration: 49.49 ug/Kg

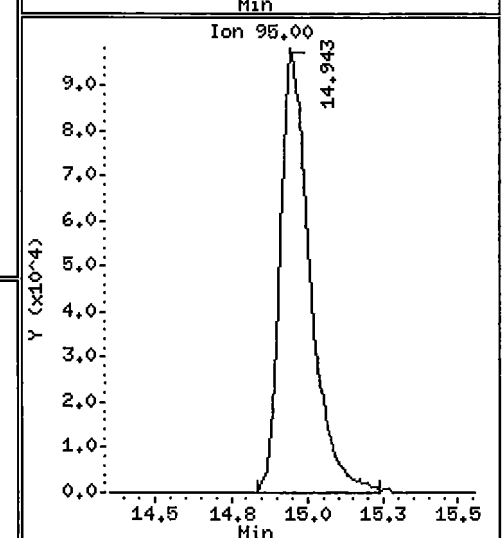


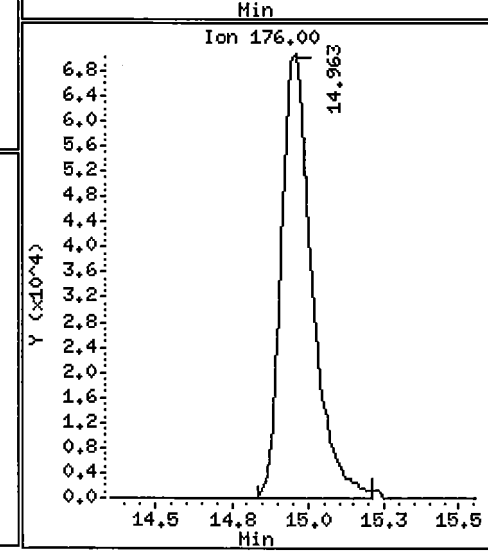












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13128.D

Date : 17-OCT-2000 17:56

Client ID: D13128

Instrument: md.i

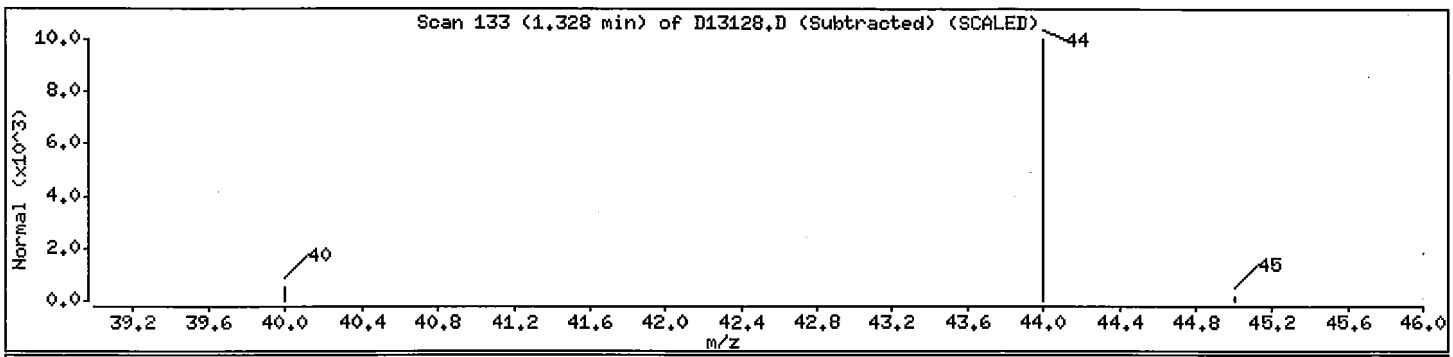
Sample Info: DLJP0101,,2,,0,1,0,8260BDA.M,D13128

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017AD.B\D13129.D
Lab Smp Id: DLJP2101 Client Smp ID: D13129
Inj Date : 17-OCT-2000 18:28
Operator : GFB Inst ID: md.i
Smp Info : DLJP2101,,2,,0,1,0,8260BDA.M,D13129
Misc Info : 325-33,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.983	5.988	(0.844)	863670	47.7091	47.71
$ 33 1,2-Dichloroethane-d4	65	6.515	6.520	(0.919)	564690	46.2136	46.21
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.520	(0.921)	115034	46.6635	46.66
36 1,2-Dichloroethane	62	7.116	6.648	(1.004)	16175	1.18933	1.19(aQ)
* 38 Fluorobenzene	96	7.086	7.091	(1.000)	1272705	50.0000	
$ 47 Toluene-d8	98	9.924	9.929	(0.787)	1213029	44.6667	44.67
* 56 Chlorobenzene-d5	117	12.613	12.609	(1.000)	1173120	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.958	14.953	(0.866)	763564	46.2250	46.22
$ 67 4-Bromofluorobenzene	95	14.958	14.953	(0.866)	1009163	45.7737	45.77
* 79 1,4-Dichlorobenzene-d4	152	17.273	17.269	(1.000)	829573	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\1017AD.B\D13129.D
Lab Smp Id: DLJP2101 Client Smp ID: D13129
Inj Date : 17-OCT-2000 18:28
Operator : GFB Inst ID: md.i
Smp Info : DLJP2101,,2,,0,1,0,8260BDA.M,D13129
Misc Info : 325-33,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.086	2964924	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.323	573518	9.67172264	9.67	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJP2101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13129
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

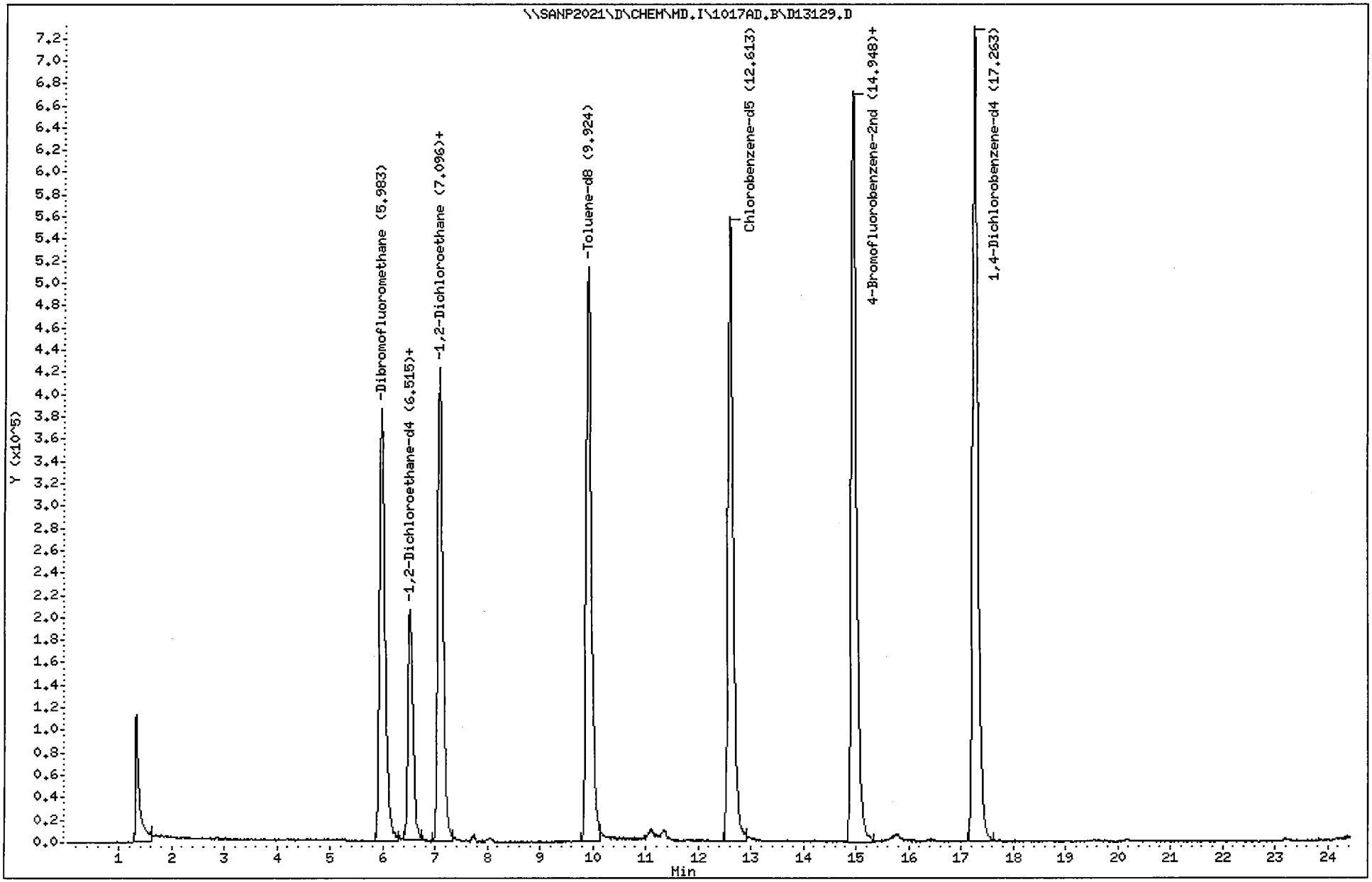
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	U~~nknown~~, N	1.323	9.67	J

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13129.D
Date : 17-OCT-2000 18:28
Client ID: D13129
Sample Info: DLJP2101,,2,,0,1,0,8260BDA.M,D13129

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0169966

000681

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13129.D

Date : 17-OCT-2000 18:28

Client ID: D13129

Instrument: md.i

Sample Info: DLJP2101,,2,,0,1,0,8260BDA,M,D13129

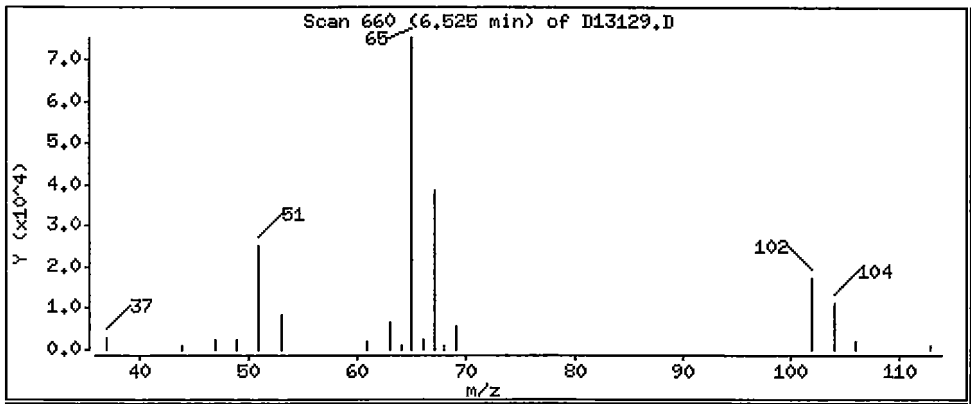
Operator: GFB

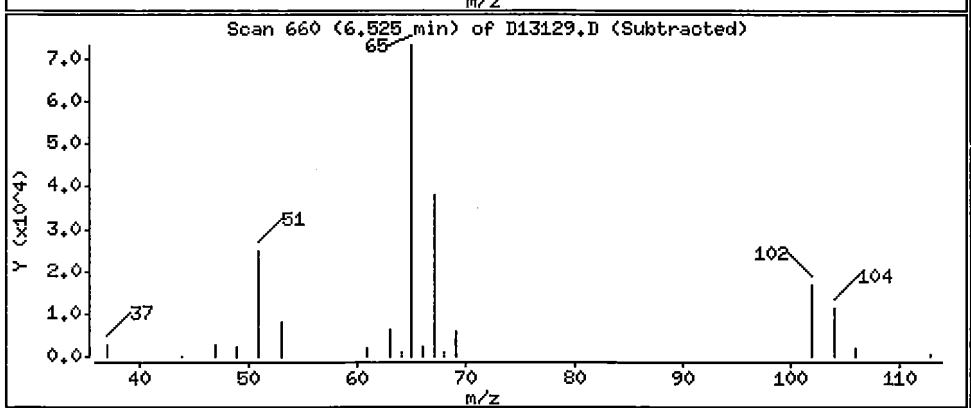
Column phase: J&W DB-624

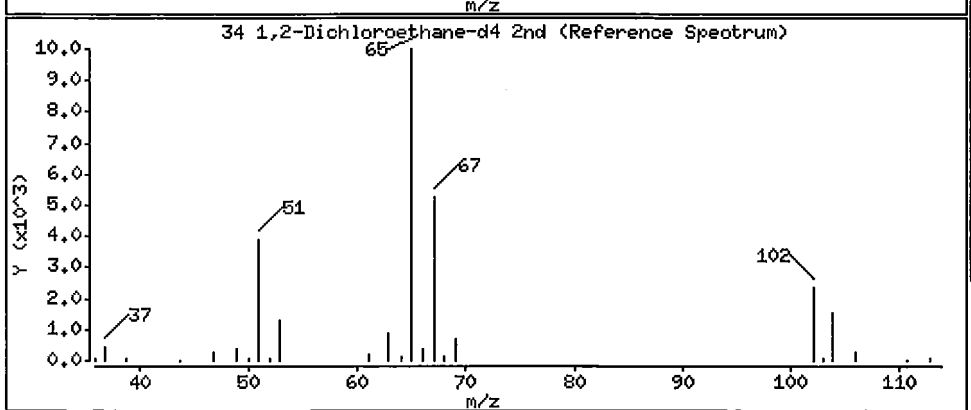
Column diameter: 0.53

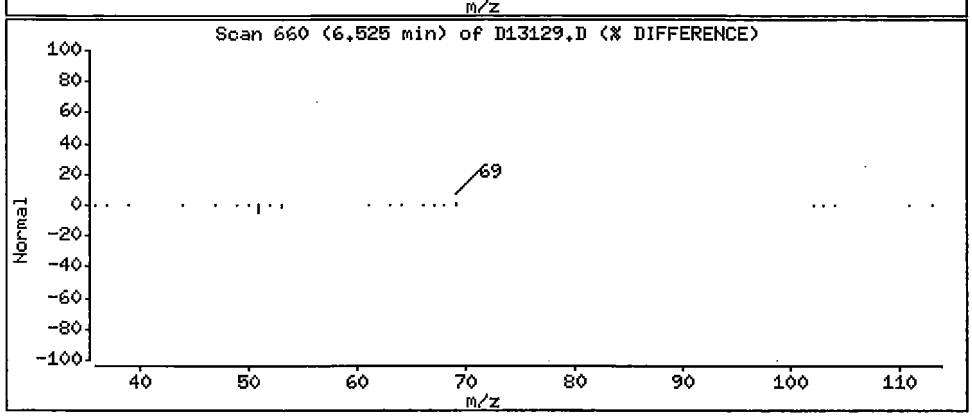
34 1,2-Dichloroethane-d4 2nd

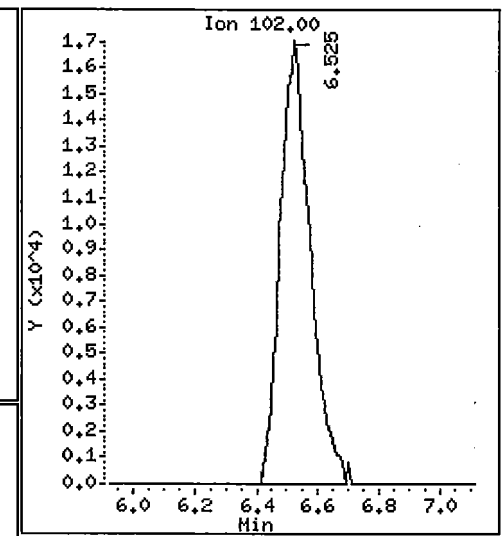
Concentration: 46.66 ug/Kg

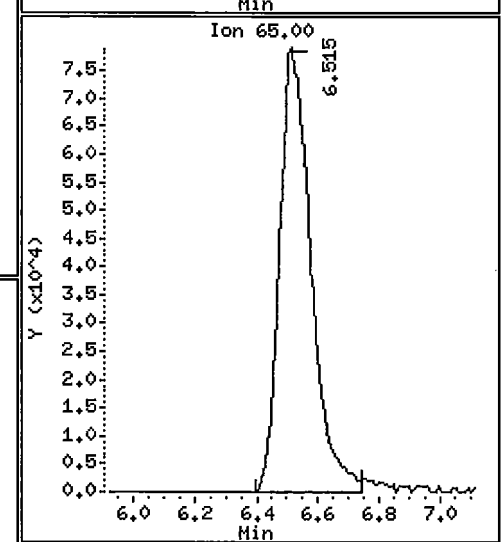












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13129.D

Date : 17-OCT-2000 18:28

Client ID: D13129

Instrument: md.i

Sample Info: DLJP2101,,2,,0,1,0,8260BDA.M,D13129

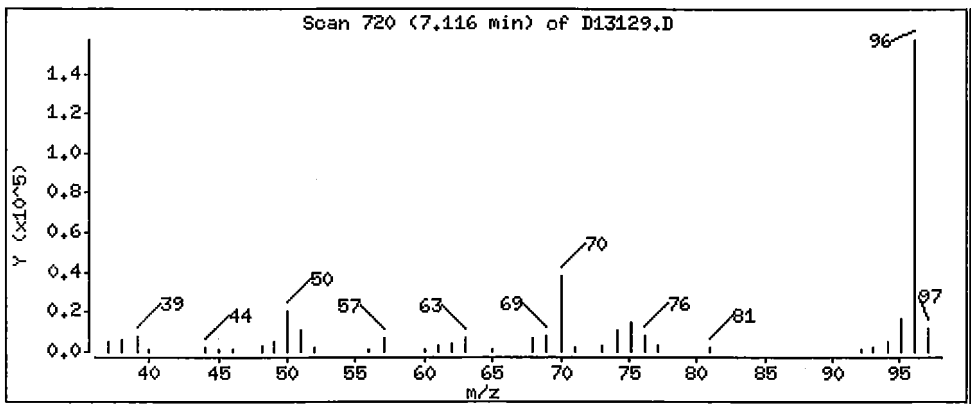
Operator: GFB

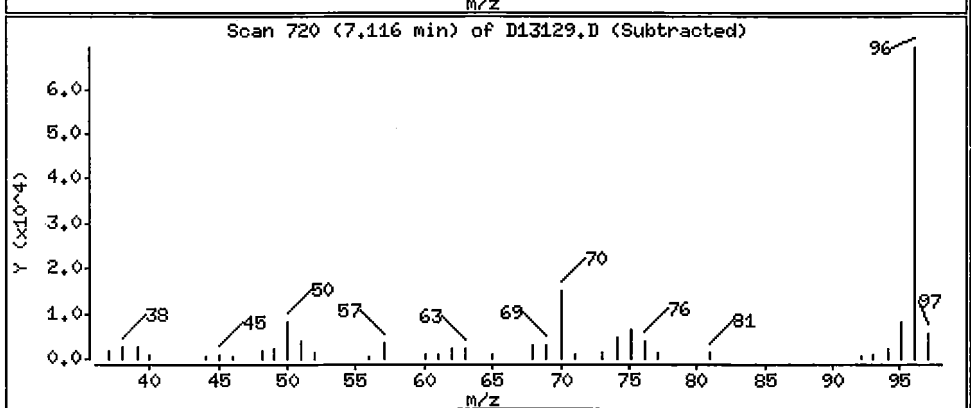
Column phase: J&W DB-624

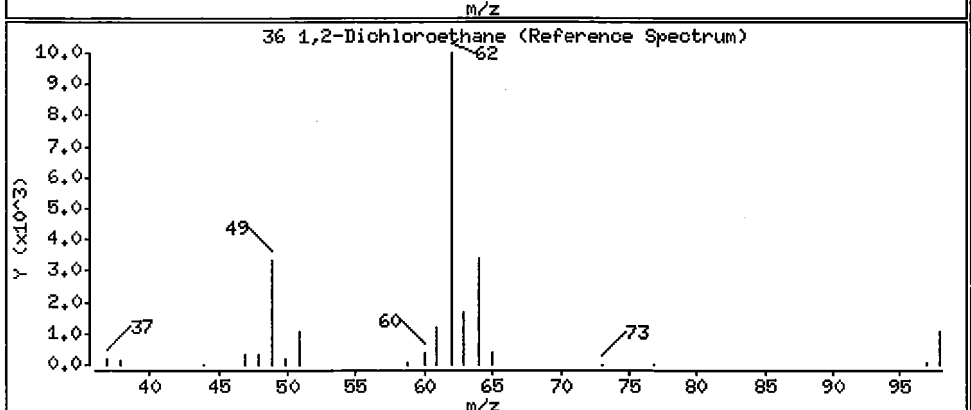
Column diameter: 0.53

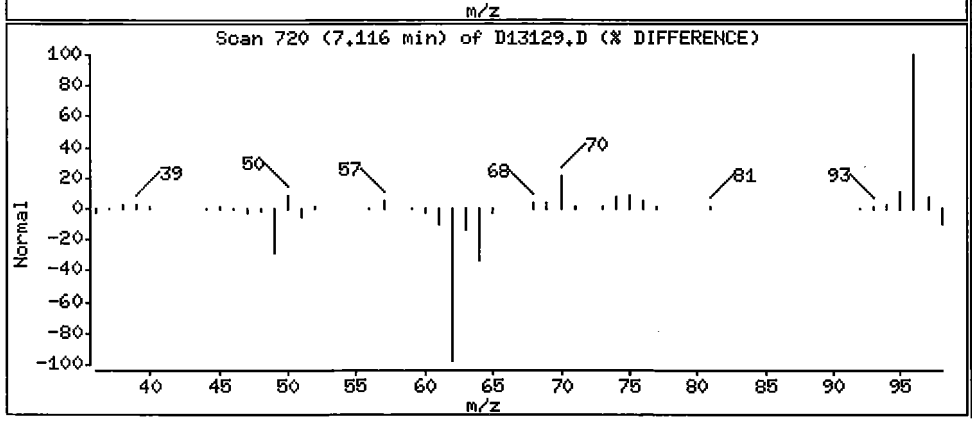
36 1,2-Dichloroethane

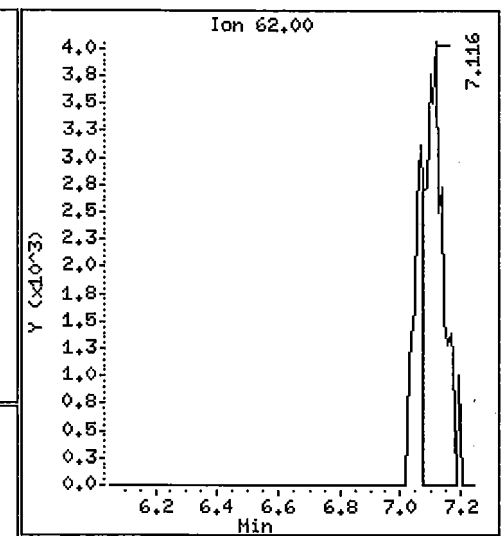
Concentration: 1.19 ug/Kg

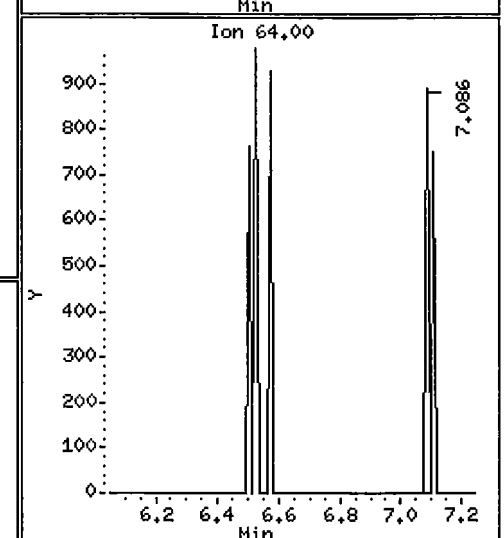


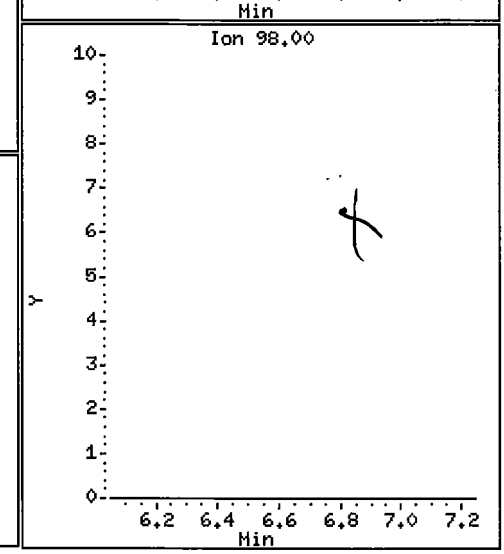












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13129.D

Date : 17-OCT-2000 18:28

Client ID: D13129

Instrument: md.i

Sample Info: DLJP2101,,2,,0,1,0,8260BDA.M,D13129

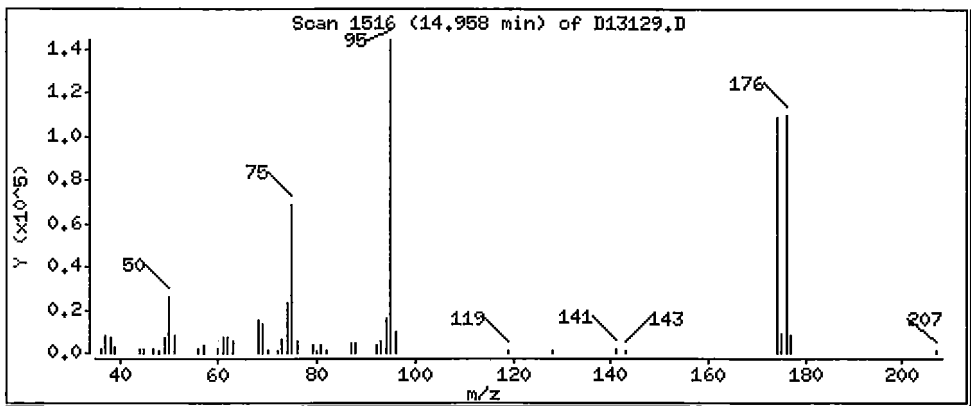
Operator: GFB

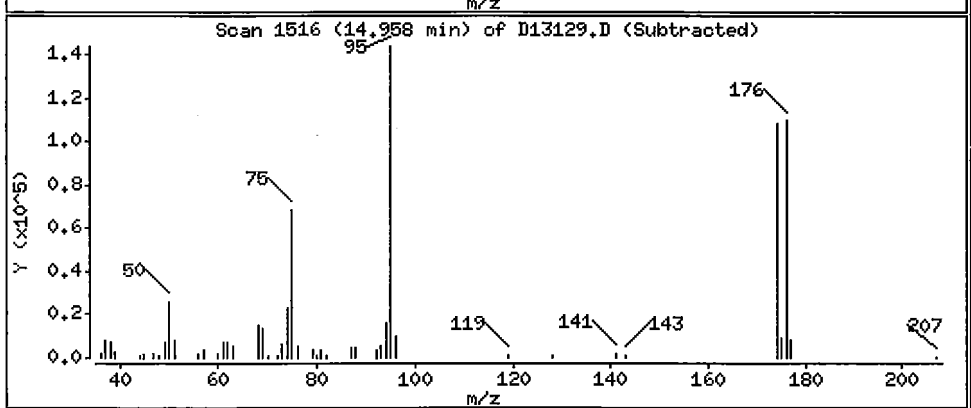
Column phase: J&W DB-624

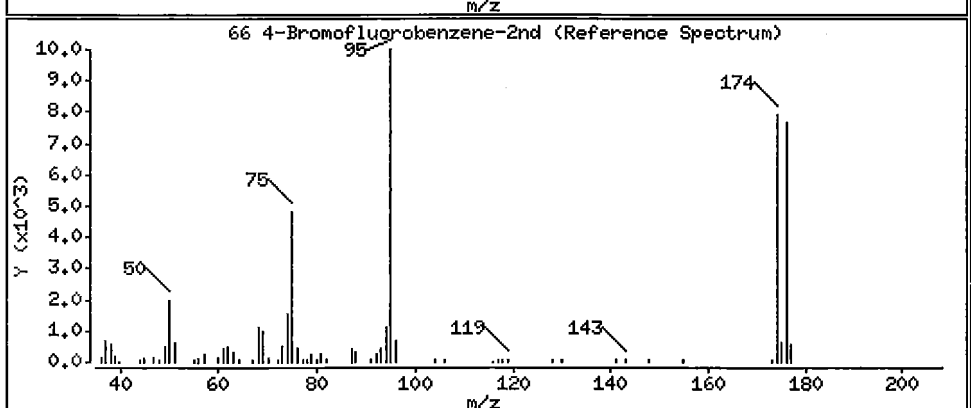
Column diameter: 0.53

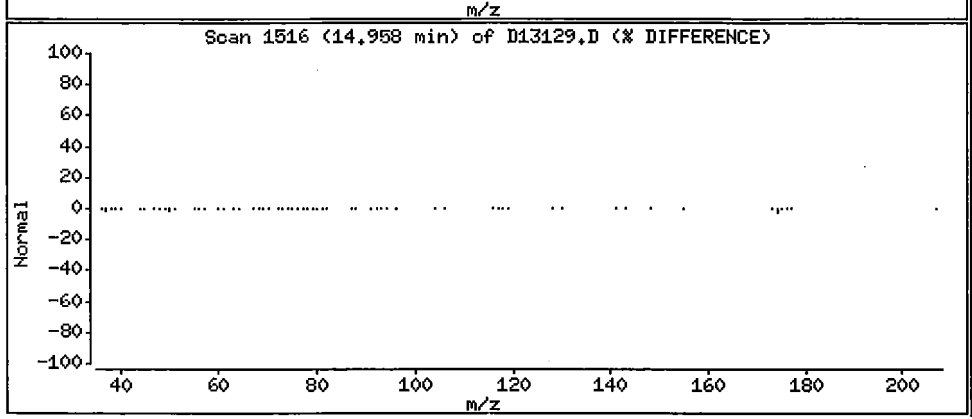
66 4-Bromofluorobenzene-2nd

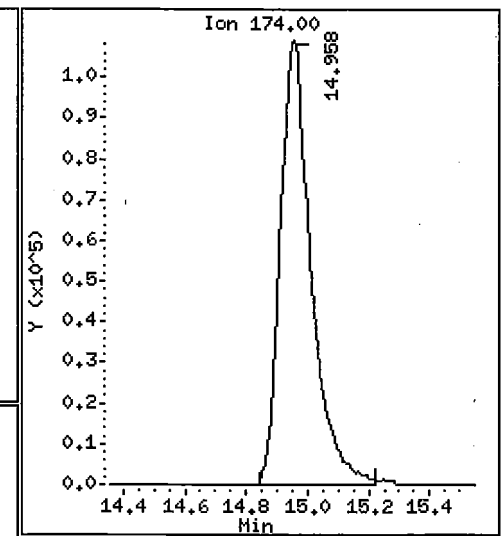
Concentration: 46.22 ug/Kg

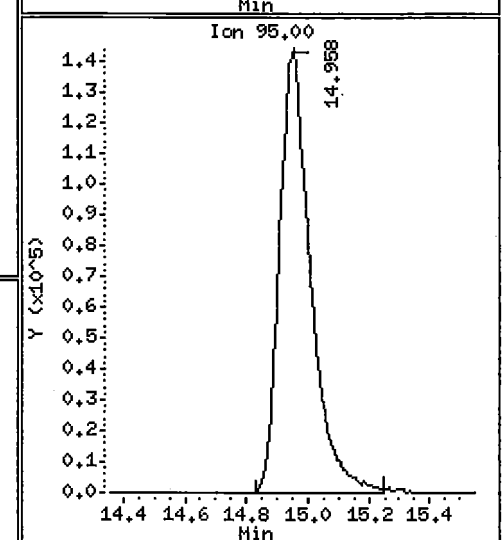


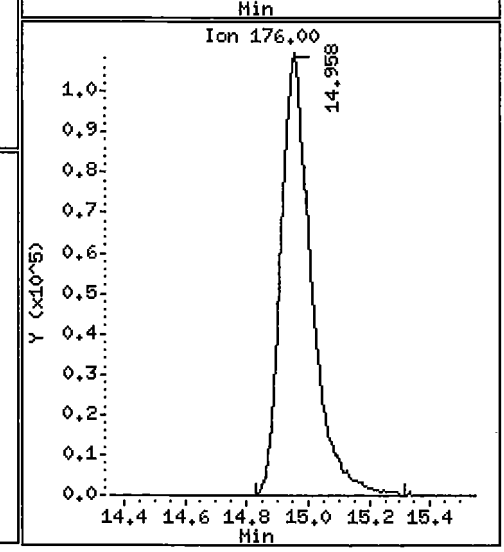












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13129.D

Date : 17-OCT-2000 18:28

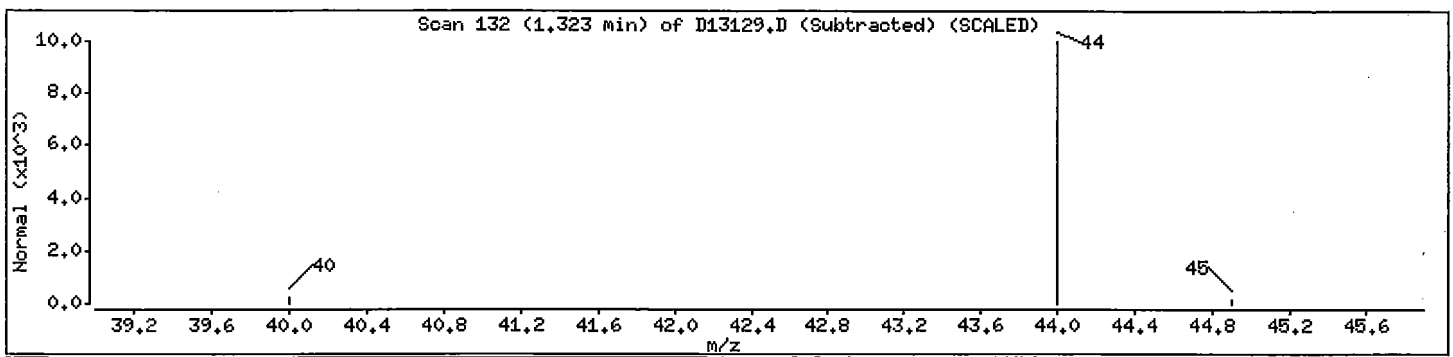
Client ID: D13129 Instrument: md.i

Sample Info: DLJP2101,,2,,0,1,0,8260BDA.M,D13129

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\1017AD.B\D13130.D
Lab Smp Id: DLJP4101 Client Smp ID: D13130
Inj Date : 17-OCT-2000 19:07
Operator : GFB Inst ID: md.i
Smp Info : DLJP4101,,2,,0,1,0,8260BDA.M,D13130
Misc Info : 325-34,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.982	5.988	(0.843)	882365	46.4416	46.44	
$ 33 1,2-Dichloroethane-d4	65	6.524	6.520	(0.919)	587679	45.8254	45.82	
34 1,2-Dichloroethane-d4 2nd	102	6.524	6.520	(0.919)	120378	46.5268	46.53	
* 38 Fluorobenzene	96	7.096	7.091	(1.000)	1335741	50.0000		
$ 47 Toluene-d8	98	9.923	9.929	(0.786)	1269673	45.2806	45.28	
* 56 Chlorobenzene-d5	117	12.623	12.609	(1.000)	1211251	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.958	14.953	(0.866)	788384	45.9207	45.92	
$ 67 4-Bromofluorobenzene	95	14.958	14.953	(0.866)	1042014	45.4744	45.47	
* 79 1,4-Dichlorobenzene-d4	152	17.273	17.269	(1.000)	862216	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\1017AD.B\D13130.D
Lab Smp Id: DLJP4101 Client Smp ID: D13130
Inj Date : 17-OCT-2000 19:07
Operator : GFB Inst ID: md.i
Smp Info : DLJP4101,,2,,0,1,0,8260BDA.M,D13130
Misc Info : 325-34,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017AD.B\8260BDA.m
Meth Date : 17-Oct-2000 10:29 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.096	3111229	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.322	497253	7.99126767	7.99	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJP4101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13130
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~~ ,0	1.322	7.99	J

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13130.D

Date : 17-OCT-2000 19:07

Client ID: D13130

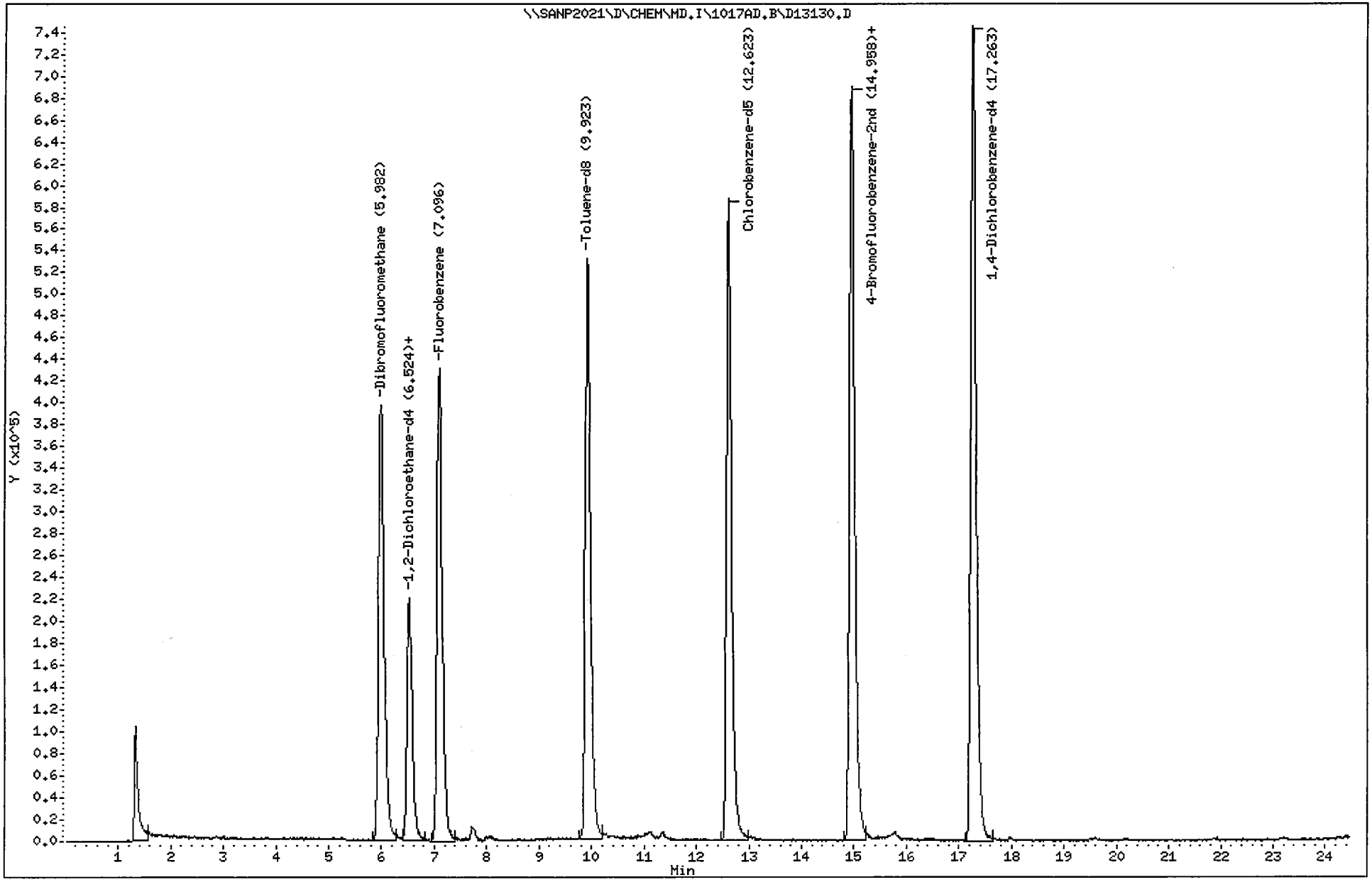
Sample Info: DLJP4101,,2,,0,1,0,8260BDA.M,D13130

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



BOE-C6-0169974

000689

Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13130.D

Date : 17-OCT-2000 19:07

Client ID: D13130

Instrument: md.i

Sample Info: DLJP4101,,2,,0,1,0,8260BDA.M,D13130

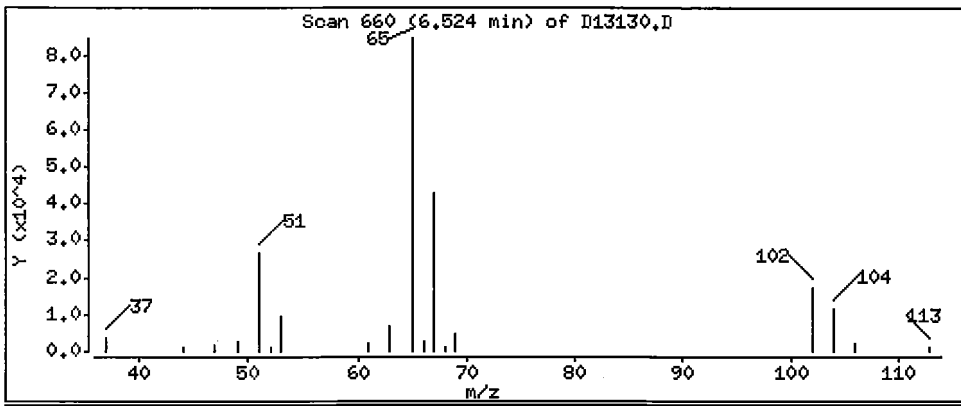
Operator: GFB

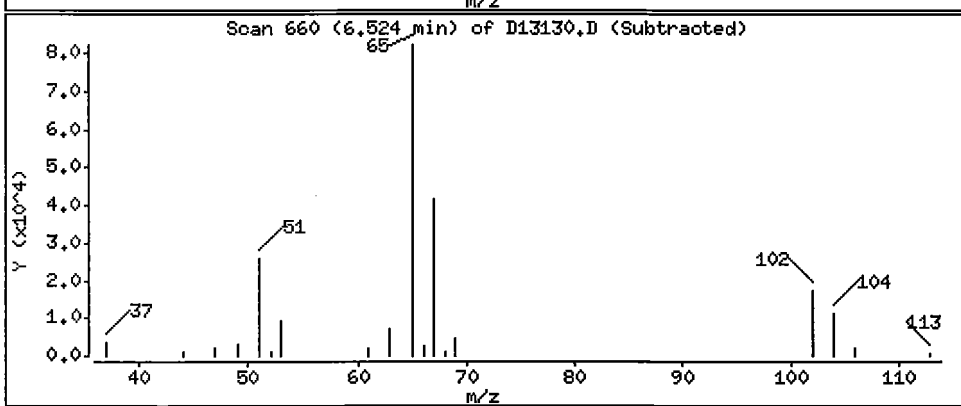
Column phase: J&W DB-624

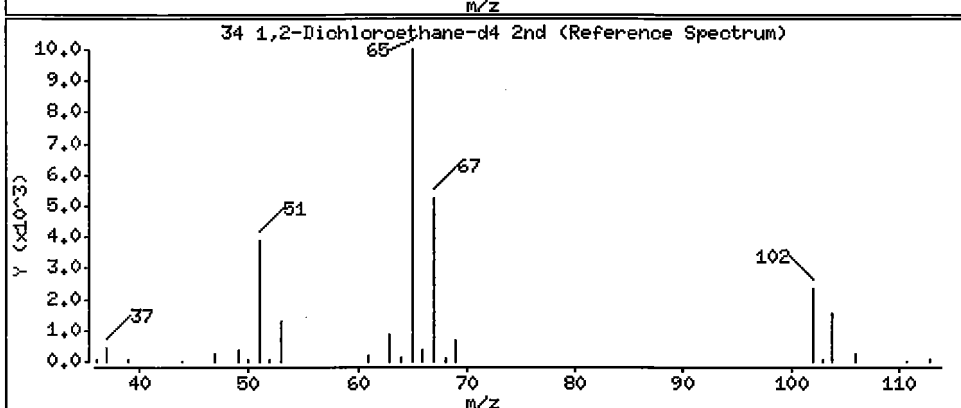
Column diameter: 0.53

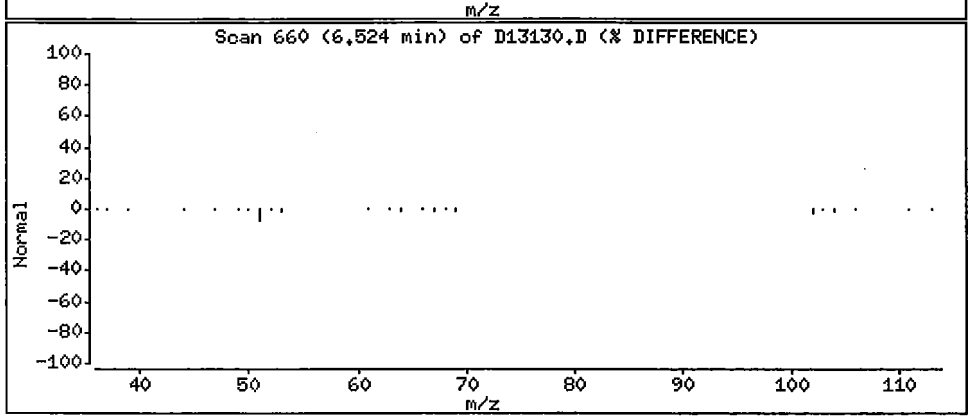
34 1,2-Dichloroethane-d4 2nd

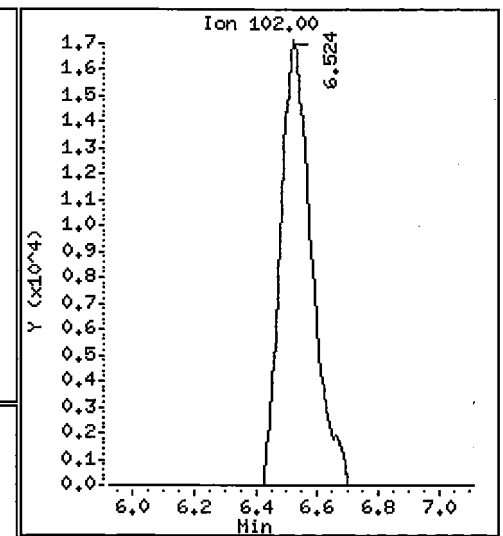
Concentration: 46.53 ug/Kg

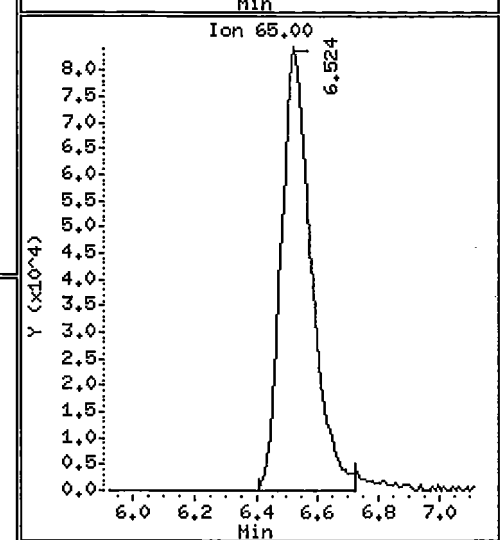












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13130.D

Date : 17-OCT-2000 19:07

Client ID: D13130

Instrument: md.i

Sample Info: DLJP4101,,2,,0,1,0,8260BDA.M,D13130

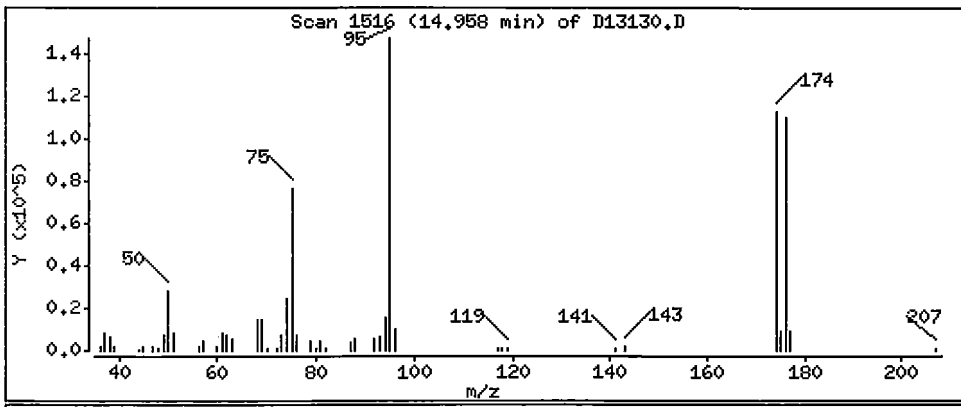
Operator: GFB

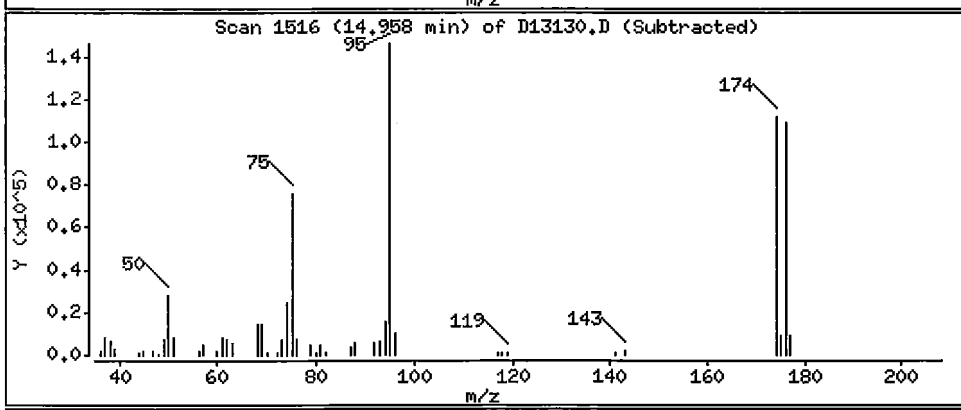
Column phase: J&W DB-624

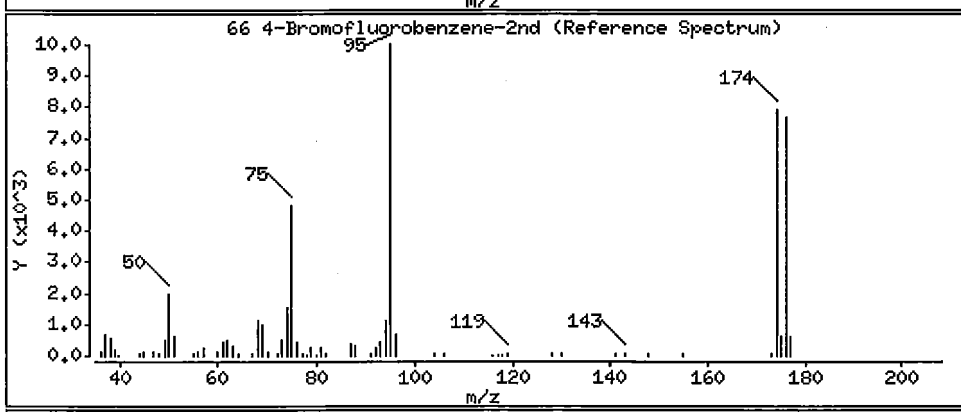
Column diameter: 0.53

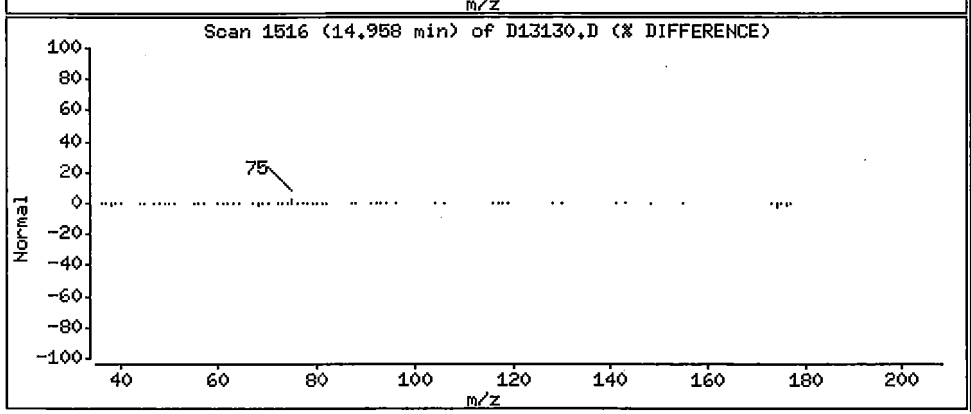
66 4-Bromofluorobenzene-2nd

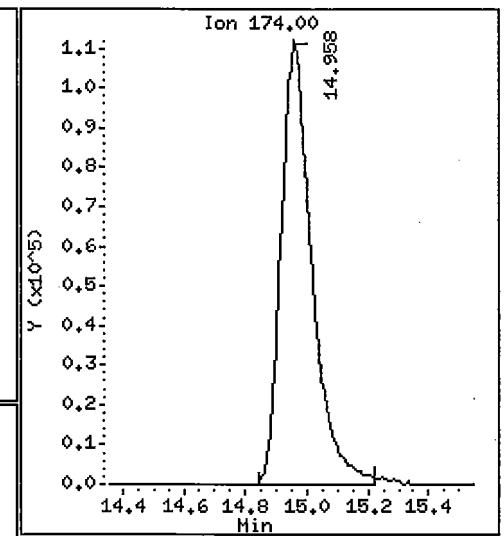
Concentration: 45.92 ug/Kg

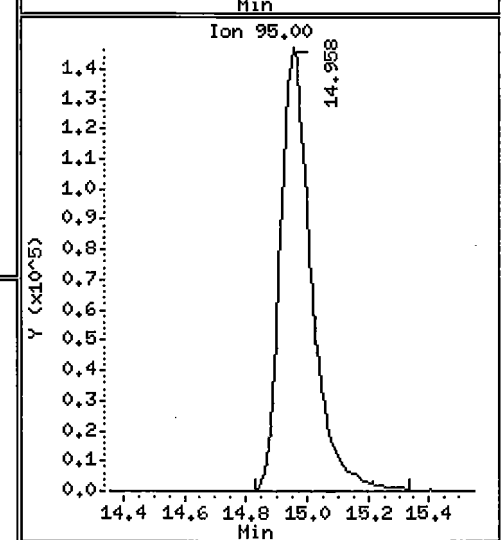


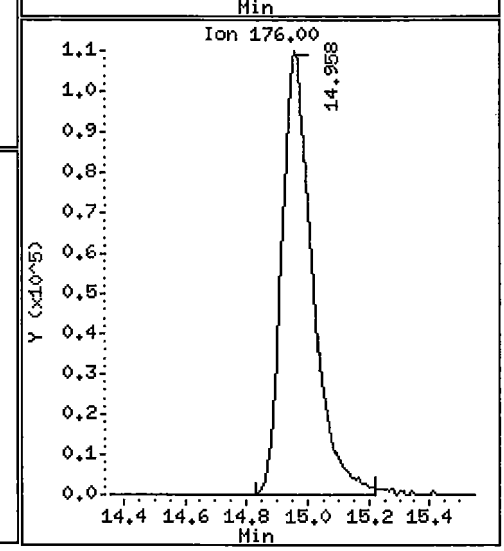












Data File: \\SANP2021\D\CHEM\MD.I\1017AD.B\D13130.D

Date : 17-OCT-2000 19:07

Client ID: D13130

Instrument: md.i

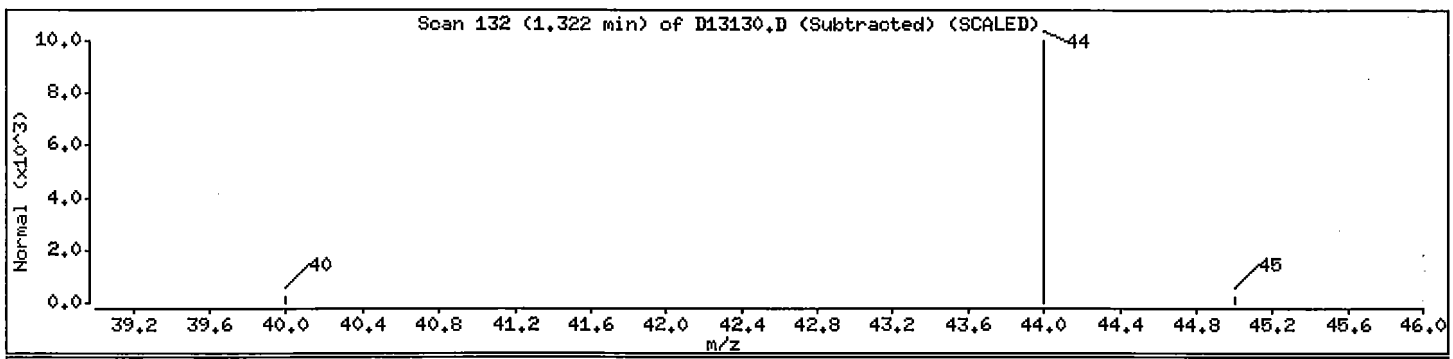
Sample Info: DLJP4101,,2,,0,1,0,8260BDA.M,D13130

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



CO2

8260B SAMPLE / QC DATA

DATE ANALYZED: EO3040325- 35-038

INSTRUMENT ID:

SAMPLES:

STL Los Angeles

FJK 1, 20/00

GC/MS VOA Run Log

Batch ID: 0292403

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

Matrix ID: MSD | EM Set: 1706 | Tune File: B1FB.U | Seq File: 10/17/B1D

Init. Cal ID: 8260BDA 10-4-2000 | Date: 10/17/2000

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
						1m			✓			MSVOA1198-1
20:06	AD	DT 1584	50ng BFB		-							STD1185-1, I1257-1, S1205-1
20:24		D52548	50ppb 8260B	1	S	5g	10	134	✓			CC1160-1
21:05		D13132	LCS 1017BD	2				145	✓			
21:37		33	MB-1017BD	3				134	—			
22:24		34	DLJP5701	4				146	—			EOJ040335 -34
22:52		35	DLJP6101	5				135	—			-36
23:26		36	DLJP8101	6				134	—			-37
0:06	23:58	37	DLJP8602S	7				136	—			-37MS
0:30		38	DLJP8603D	8				141	—			-37MD
0:53		39	DLJP9101	9				135	—			-38
1:15		40	DLPKF104	10				133	—			EOJ017314 -2
1:37		41	DLPGV104	11				137	—			-3
2:05		42	DLPH4104	12				119	—			-4
2:37		43	DLPH H104	13				134	—			-5
3:08		44	DLPHW104	14				132	—			-7
3:40		45	DLPJ4104	15				124	—			-9
4:12		46	DLPJ7104	16				132	N			MeCl2 = 2500 -10
4:44		47	DLPJ R104	17				132	—			-12
5:15		48	DLPK1104	18				132	—			-13
5:47		49	DLPK3104	19				130	—			-14
6:19		50	DLPK5704	20				134	—			-15
6:51		51	DLPK7104	21				131	—			-16
7:22								122	—			-17
7:54		D13152	DLPK8104	22								

Version 01/04/99

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

BOE-C6-0169979

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA54651

Lab File ID (Standard): DS2548 Date Analyzed: 10/17/00

Instrument ID: MD Time Analyzed: 2024

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	1340269	7.10	1177768	12.62	861841	17.27
	UPPER LIMIT	2680538	7.60	2355536	13.12	1723682	17.77
	LOWER LIMIT	670135	6.60	588884	12.12	430921	16.77
	EPA SAMPLE NO.						
01	D13132	1457201	7.10	1272627	12.62	941074	17.27
02	D13133	1343860	7.09	1211315	12.60	874295	17.26
03	D13134	1469829	7.10	1302640	12.63	886143	17.27
04	D13135	1351999	7.09	1231704	12.60	869266	17.26
05	D13136	1348840	7.10	1226114	12.62	874968	17.26
06	D13137	1361304	7.09	1224173	12.62	927196	17.27
07	D13138	1411059	7.09	1245120	12.61	918886	17.26
08	D13139	1359912	7.09	1224766	12.61	831378	17.26
09	D13140	1336744	7.10	1225782	12.62	872060	17.26
10	D13141	1372737	7.09	1276217	12.61	912594	17.26
11	D13142	1191780	7.10	1064043	12.61	742429	17.27
12	D13143	1349596	7.10	1199437	12.62	872312	17.28
13	D13144	1322910	7.09	1222198	12.62	870577	17.27
14	D13145	1244303	7.09	1134282	12.61	815868	17.26
15	D13146	1328783	7.10	1218677	12.60	882493	17.25
16	D13147	1330605	7.09	1212069	12.61	873223	17.27
17	D13148	1324297	7.10	1227771	12.62	886063	17.27
18	D13149	1307820	7.09	1144297	12.62	776792	17.26
19	D13150	1341528	7.09	1222042	12.61	880119	17.27
20	D13151	1318609	7.10	1213438	12.60	877885	17.27
21	D13152	1226591	7.10	1115730	12.61	795633	17.27
22							

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

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

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

FORM VIII VOA 1/87 Rev.

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1017BD.B\DT1584.D
Lab Smp Id:
Inj Date : 17-OCT-2000 20:06
Operator : AD Inst ID: md.i
Smp Info : 50 ng BFB,bfb,,,,,,bfb.m
Misc Info : 1uL;1198-1,,,,3,all.sub
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\BFB.M
Meth Date : 11-Jul-2000 09:15 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.00 Sample Matrix: WATER
Processing Host: SANP2021

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

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

AM 10/17/2000

RT	EXP RT	(REL RT)	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
1.8074	1.8000	(0.000)	95	72848			0.00- 100.00	100.00
1.8074	1.8000	(0.000)	50	13512			15.00- 40.00	18.55
1.8074	1.8000	(0.000)	75	36010			30.00- 60.00	49.43
1.8074	1.8000	(0.000)	96	5582			5.00- 9.00	7.66
1.8074	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.8074	1.8000	(0.000)	174	58325			50.00- 0.00	80.06
1.8074	1.8000	(0.000)	175	4754			5.00- 9.00	8.15
1.8074	1.8000	(0.000)	176	58218			95.00- 101.00	99.82
1.8074	1.8000	(0.000)	177	4477			5.00- 9.00	7.69

Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\DT1584.D

Date : 17-OCT-2000 20:06

Client ID:

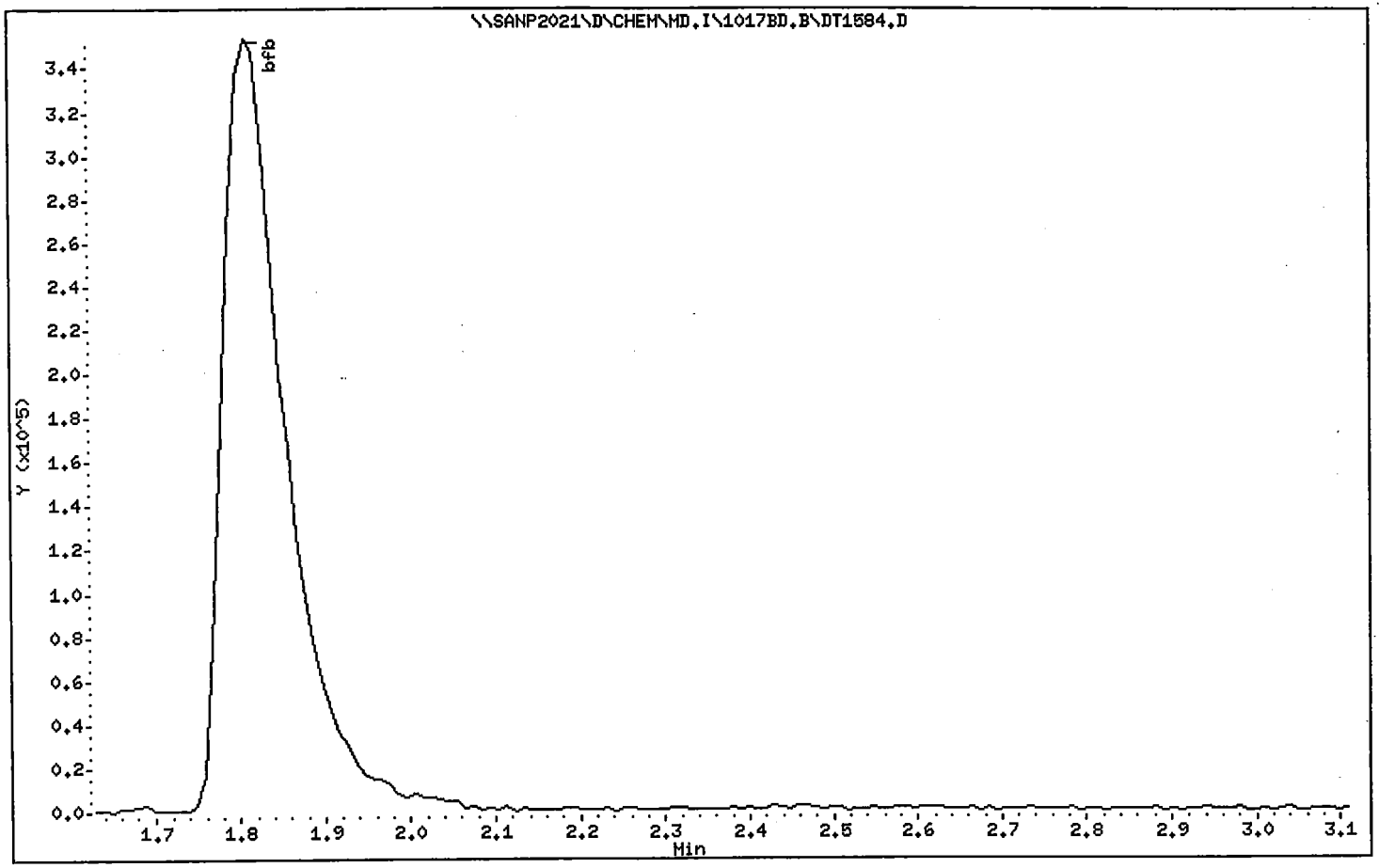
Instrument: md.i

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

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\DT1584.D

Date : 17-OCT-2000 20:06

Client ID:

Instrument: md.i

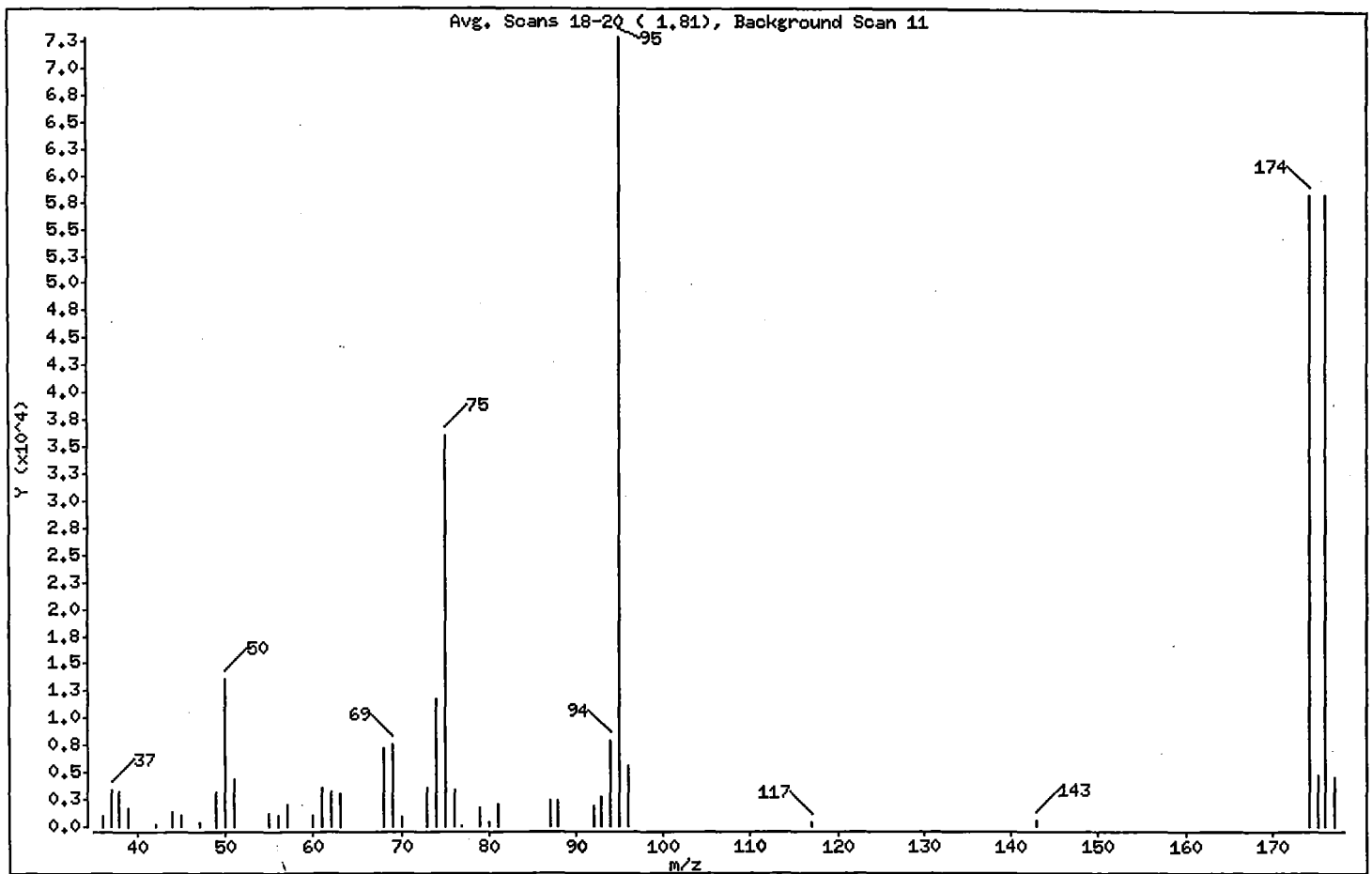
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	18.55
75	30.00 - 60.00% of mass 95	49.43
96	5.00 - 9.00% of mass 95	7.66
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	80.06
175	5.00 - 9.00% of mass 174	6.53 (8.15)
176	95.00 - 101.00% of mass 174	79.92 (99.82)
177	5.00 - 9.00% of mass 176	6.15 (7.69)

Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\DT1584.D

Date : 17-OCT-2000 20:06

Client ID:

Instrument: md.i

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

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

Data File: DT1584.D

Spectrum: Avg. Scans 18-20 (1.81), Background Scan 11

Location of Maximum: 95.00

Number of points: 42

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	973	55.00	1092	74.00	11696	94.00	7928
37.00	3373	56.00	1033	75.00	36008	95.00	72848
38.00	3264	57.00	2038	76.00	3349	96.00	5582
39.00	1681	60.00	1003	77.00	251	117.00	261
42.00	250	61.00	3589	79.00	1720	143.00	519
44.00	1341	62.00	3231	80.00	313	174.00	58320
45.00	959	63.00	3079	81.00	2069	175.00	4754
47.00	326	68.00	7188	87.00	2369	176.00	58216
49.00	3233	69.00	7525	88.00	2289	177.00	4477
50.00	13512	70.00	835	92.00	1898		
51.00	4313	73.00	3487	93.00	2708		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2548.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m

Injection Date: 17-OCT-2000 20:24
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

MD 10/17/2000

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.27671	0.010	-38.0	50.0
	2 Vinyl chloride (*)	0.21607	0.20097	0.010	-7.0	20.0
	3 Chloromethane (**)	0.19012	0.17706	0.100	-6.9	50.0
	4 Bromomethane	0.21985	0.21339	0.010	-2.9	50.0
	5 Chloroethane	0.13964	0.14780	0.010	5.8	50.0
	6 Trichlorofluoromethane	0.71629	0.84146	0.010	17.5	50.0
	7 Acrolein	0.01339	0.01201	0.001	-10.3	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.28359	0.010	0.7	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.47504	0.010	1.1	50.0
	10 Acetone	0.05535	0.06207	0.010	12.1	50.0
	11 Iodomethane	0.54249	0.58231	0.001	7.3	50.0
	12 Carbon disulfide	0.63173	0.58587	0.010	-7.3	50.0
	13 Methylene chloride	0.28611	0.31970	0.010	11.7	50.0
	14 t-Butanol	0.00532	0.00623	0.001	17.2	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.35141	0.010	7.6	50.0
	16 Acrylonitrile	0.04256	0.04817	0.001	13.2	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.83479	0.010	11.0	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.62516	0.100	11.1	50.0
	19 Vinyl acetate	0.72587	0.72102	0.010	-0.7	50.0
	20 Isopropyl ether	0.97354	1.01326	0.010	4.1	20.0
	21 2,2-Dichloropropane	0.61103	0.68025	0.010	11.3	50.0
	22 Tert-butyl ethyl ether	0.93101	1.03276	0.010	10.9	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.39763	0.010	19.9	50.0
	24 2-Butanone	0.09614	0.10715	0.010	11.5	50.0
	25 Bromochloromethane	0.21883	0.26938	0.010	23.1	50.0
	26 Chloroform (*)	0.73233	0.83139	0.010	13.5	20.0
	27 Tetrahydrofuran	0.05809	0.06909	0.010	18.9	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.37452	0.010	13.8	50.0
$	29 Dibromofluoromethane	0.71120	0.76198	0.010	7.1	50.0
	30 1,1,1-Trichloroethane	0.76256	0.91530	0.010	20.0	50.0
	31 Carbon Tetrachloride	0.72937	0.93370	0.010	28.0	50.0
	32 1,1-Dichloropropene	0.54325	0.60936	0.010	12.2	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.49630	0.010	3.4	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.10161	0.010	4.9	50.0
	35 Benzene	0.84852	0.98986	0.010	16.7	50.0

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2548.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m

Injection Date: 17-OCT-2000 20:24
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.64926	0.010	21.5	50.0	
	37 Tert-amyl methyl ether	0.88326	1.02479	0.010	16.0	20.0	
	39 Trichloroethene	0.46731	0.57481	0.010	23.0	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.40152	0.010	16.1	20.0	
	41 Dibromomethane	0.32224	0.40799	0.010	26.6	50.0	
	42 Bromodichloromethane	0.71616	0.90104	0.010	25.8	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.56057	0.010	-28.9	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.06577	0.010	49.7	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.64529	0.010	19.4	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.30463	0.010	17.1	50.0	
$	47 Toluene-d8	1.15749	1.14314	0.010	-1.2	50.0	
	48 Toluene (*)	1.22215	1.43524	0.010	17.4	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.67270	0.010	20.6	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.48823	0.010	21.1	50.0	
	51 Tetrachloroethene	0.55481	0.69157	0.010	24.7	50.0	
	52 1,3-Dichloropropane	0.63464	0.75211	0.010	18.5	50.0	
	53 2-Hexanone	0.22062	0.24766	0.010	12.3	50.0	
	54 Dibromochloromethane	0.73783	0.92234	0.010	25.0	50.0	
	55 1,2-Dibromoethane	0.61043	0.73846	0.010	21.0	50.0	
	57 Chlorobenzene (**)	0.98253	1.19508	0.300	21.6	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.73565	0.010	23.8	50.0	
	59 Ethylbenzene (*)	0.45846	0.54624	0.010	19.1	20.0	
	60 m,p-Xylenes	0.57596	0.68074	0.010	18.2	50.0	
	61 o-Xylene	0.55644	0.66805	0.010	20.1	50.0	
	62 Styrene	0.92422	1.12015	0.010	21.2	50.0	
M	63 Xylenes (total)	0.56945	0.67651	0.010	18.8	50.0	
	64 Bromoform (**)	0.59517	0.76535	0.100	28.6	50.0	
	65 Isopropylbenzene	1.75437	2.16634	0.010	23.5	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	1.00872	0.010	1.3	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.33391	0.010	0.4	50.0	
	68 Bromobenzene	0.83061	1.00853	0.010	21.4	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	1.00394	0.300	17.4	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.35044	0.010	25.1	50.0	
	71 n-Propylbenzene	2.58803	3.13807	0.010	21.3	50.0	
	72 2-Chlorotoluene	0.62571	0.74533	0.010	19.1	50.0	
	73 4-Chlorotoluene	0.65344	0.80256	0.010	22.8	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2548.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m

Injection Date: 17-OCT-2000 20:24
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	2.49537	0.010	19.9	50.0
75 tert-Butylbenzene	2.15036	2.62884	0.010	22.3	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.49600	0.010	17.8	50.0
77 sec-Butylbenzene	2.82015	3.43341	0.010	21.7	50.0
78 1,3-Dichlorobenzene	1.39311	1.68605	0.010	21.0	50.0
80 1,4-Dichlorobenzene	1.51990	1.78976	0.010	17.8	50.0
81 p-Isopropyltoluene	2.32696	2.81571	0.010	21.0	50.0
82 1,2-Dichlorobenzene	1.33233	1.63083	0.010	22.4	50.0
83 n-Butylbenzene	2.22197	2.71322	0.010	22.1	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.35000	0.010	20.7	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.49432	0.010	21.4	50.0
86 Hexachlorobutadiene	0.92928	1.30298	0.010	40.2	50.0
87 Napthalene	1.86163	1.98849	0.010	6.8	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.37756	0.010	20.0	50.0

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2548.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: AD
Method File: \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Misc Info: 1255-2;57-1;55-1,,5,,2,all.SUB

Calibration Date: 17-OCT-2000
Calibration Time: 20:24

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1340269	670135	2680538	1340269	0.00
56 Chlorobenzene-d5	1177768	588884	2355536	1177768	0.00
79 1,4-Dichlorobenze	861841	430921	1723682	861841	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	12.62	12.12	13.12	12.62	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 Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1017BD.B/DS2548.D
Inj. Date : 17-OCT-2000 20:24

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

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.10	0.00	1480718	1340269	90.5%
Chlorobenzene-d5	12.63	12.62	0.01	1259551	1177768	93.5%
1,4-Dichlorobenzene-d4	17.27	17.27	0.00	906122	861841	95.1%

8260B Area difference criteria: 50%-200%

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017BD.B\DS2548.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 17-OCT-2000 20:24
Operator : AD Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1255-2;57-1;55-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 20:49 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.464	1.464	(0.206)	370864	50.0000	30.99
2 Vinyl chloride (*)	62	1.691	1.691	(0.238)	269356	50.0000	46.50
3 Chloromethane (**)	50	1.632	1.632	(0.230)	237307	50.0000	46.56
4 Bromomethane	94	1.967	1.967	(0.277)	285998	50.0000	48.53
5 Chloroethane	64	2.065	2.065	(0.291)	198096	50.0000	52.92
6 Trichlorofluoromethane	101	2.292	2.292	(0.323)	1127777	50.0000	58.74
7 Acrolein	56	2.696	2.696	(0.380)	160904	500.000	448.4(AQ)
8 1,1-Dichloroethene(*)	96	2.794	2.794	(0.394)	380080	50.0000	50.35
9 1,1,2-Trichlorotrifluoroethan	151	2.794	2.794	(0.394)	636683	50.0000	50.55
10 Acetone	43	2.873	2.873	(0.405)	415947	250.000	280.3(Q)
11 Iodomethane	142	2.942	2.942	(0.414)	1560901	100.000	107.3(A)
12 Carbon disulfide	76	3.011	3.011	(0.424)	785216	50.0000	46.37
13 Methylene chloride	84	3.336	3.336	(0.470)	428477	50.0000	55.87
14 t-Butanol	59	3.583	3.583	(0.505)	208693	1250.00	1464

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.671	3.671	(0.517)	470986	50.0000	53.78
	16 Acrylonitrile	53	3.652	3.652	(0.514)	645585	500.000	565.9(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.711	3.711	(0.523)	1118848	50.0000	55.49
	18 1,1-Dichloroethane (**)	63	4.272	4.272	(0.602)	837881	50.0000	55.53
	19 Vinyl acetate	43	4.400	4.400	(0.620)	1932725	100.000	99.33
	20 Isopropyl ether	45	4.450	4.450	(0.627)	1358036	50.0000	52.04
	21 2,2-Dichloropropane	77	5.159	5.159	(0.727)	911712	50.0000	55.66
	22 Tert-butyl ethyl ether	59	5.011	5.011	(0.706)	1384175	50.0000	55.46
	23 cis-1,2-Dichloroethene	96	5.179	5.179	(0.729)	532926	50.0000	59.96
	24 2-Butanone	43	5.277	5.277	(0.743)	718052	250.000	278.6
	25 Bromochloromethane	128	5.563	5.563	(0.784)	361035	50.0000	61.55
	26 Chloroform (*)	83	5.721	5.721	(0.806)	1114286	50.0000	56.76
	27 Tetrahydrofuran	42	5.681	5.681	(0.800)	92605	50.0000	59.47
M	28 1,2-Dichloroethene (total)	100				1003913	100.000	113.7
$	29 Dibromofluoromethane	111	5.996	5.996	(0.845)	1021258	50.0000	53.57
	30 1,1,1-Trichloroethane	97	5.977	5.977	(0.842)	1226753	50.0000	60.02
	31 Carbon Tetrachloride	117	6.243	6.243	(0.879)	1251403	50.0000	64.01
	32 1,1-Dichloropropene	75	6.253	6.253	(0.881)	816703	50.0000	56.08
$	33 1,2-Dichloroethane-d4	65	6.528	6.528	(0.920)	665173	50.0000	51.69
	34 1,2-Dichloroethane-d4 2nd	102	6.528	6.528	(0.920)	136183	50.0000	52.46
	35 Benzene	78	6.597	6.597	(0.929)	1326677	50.0000	58.33
	36 1,2-Dichloroethane	62	6.657	6.657	(0.938)	870177	50.0000	60.75
	37 Tert-amyl methyl ether	73	6.883	6.883	(0.969)	1373492	50.0000	58.01
*	38 Fluorobenzene	96	7.100	7.100	(1.000)	1340269	50.0000	
	39 Trichloroethene	130	7.740	7.740	(1.090)	770401	50.0000	61.50
	40 1,2-Dichloropropane(*)	63	8.124	8.124	(1.144)	538148	50.0000	58.03
	41 Dibromomethane	93	8.331	8.331	(1.173)	546815	50.0000	63.30
	42 Bromodichloromethane	83	8.656	8.656	(1.219)	1207637	50.0000	62.91
	43 1-Bromo-2-chloroethane	63	9.159	9.159	(1.290)	751314	50.0000	35.55(Q)
	44 2-Chloroethylvinyl ether	106	9.277	9.277	(1.307)	176309	100.000	149.7(A)
	45 cis-1,3-Dichloropropene	75	9.464	9.464	(1.333)	864865	50.0000	59.71
	46 4-Methyl-2-pentanone	43	9.819	9.819	(1.383)	2041436	250.000	292.7
$	47 Toluene-d8	98	9.927	9.927	(0.787)	1346354	50.0000	49.38
	48 Toluene (*)	91	10.036	10.036	(0.795)	1690376	50.0000	58.72
	49 trans-1,3-Dichloropropene	75	10.519	10.519	(0.834)	792289	50.0000	60.28
	50 1,1,2-Trichloroethane	97	10.834	10.834	(0.859)	575019	50.0000	60.55
	51 Tetrachloroethene	164	11.041	11.041	(0.875)	814511	50.0000	62.32
	52 1,3-Dichloropropane	76	11.129	11.129	(0.882)	885811	50.0000	59.25
	53 2-Hexanone	43	11.376	11.376	(0.902)	1458415	250.000	280.6
	54 Dibromochloromethane	129	11.553	11.553	(0.916)	1086307	50.0000	62.50
	55 1,2-Dibromoethane	107	11.701	11.701	(0.927)	869730	50.0000	60.49
*	56 Chlorobenzene-d5	117	12.617	12.617	(1.000)	1177768	50.0000	
	57 Chlorobenzene (**)	112	12.676	12.676	(1.005)	1407522	50.0000	60.82
	58 1,1,1,2-Tetrachloroethane	131	12.863	12.863	(1.020)	866431	50.0000	61.92
	59 Ethylbenzene (*)	106	12.923	12.923	(1.024)	643339	50.0000	59.57
	60 m,p-Xylenes	106	13.169	13.169	(1.044)	1603508	100.000	118.2
	61 o-Xylene	106	13.927	13.927	(1.104)	786811	50.0000	60.03

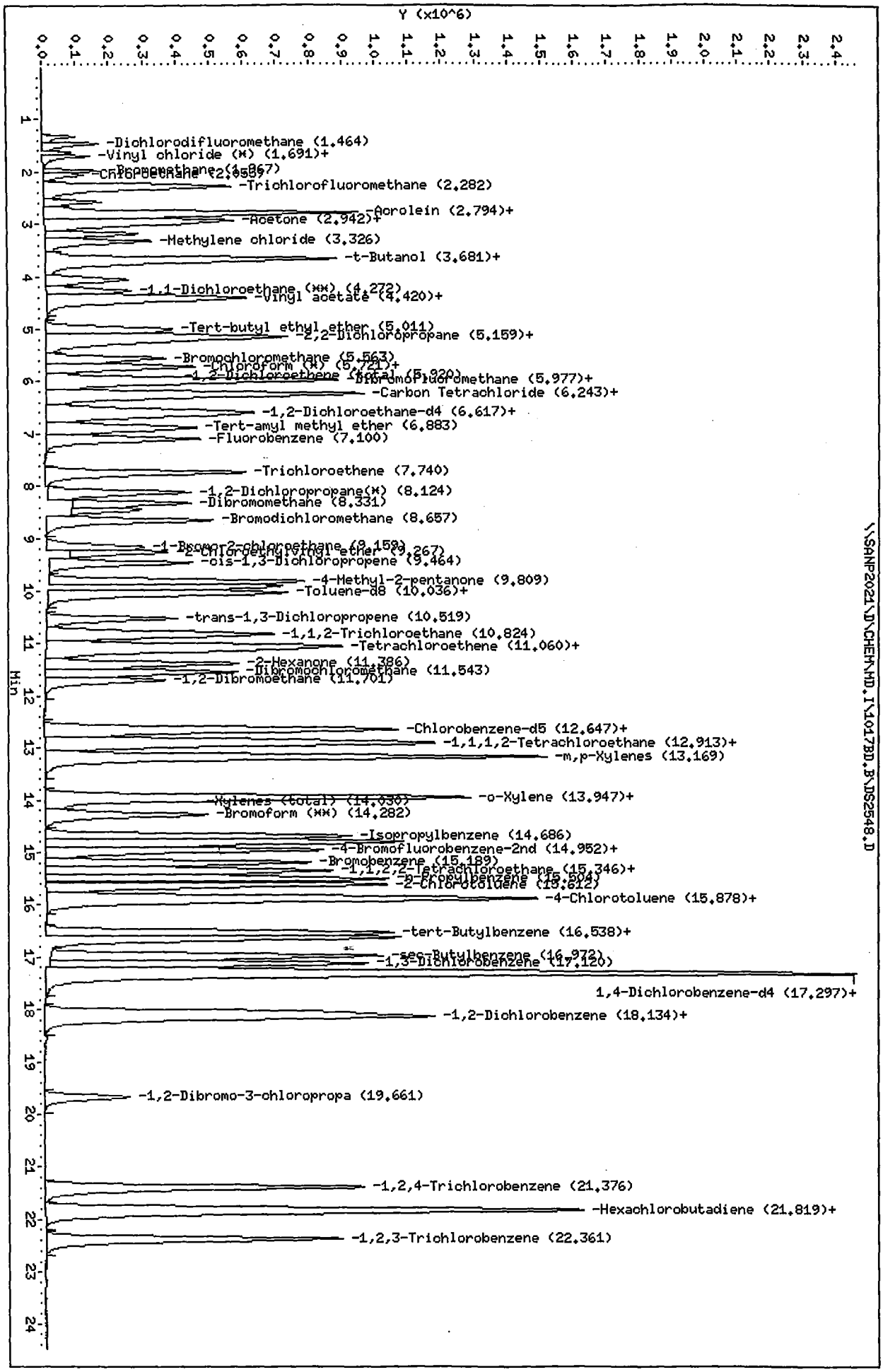
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.977	13.977	(1.108)	1319276	50.0000	60.60
M	63 Xylenes (total)	100				2390319	150.000	178.2
	64 Bromoform (**)	173	14.272	14.272	(1.131)	901403	50.0000	64.30
	65 Isopropylbenzene	105	14.676	14.676	(1.163)	2551442	50.0000	61.74
	66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	869357	50.0000	50.66
$	67 4-Bromofluorobenzene	95	14.952	14.952	(0.866)	1149620	50.0000	50.19
	68 Bromobenzene	156	15.189	15.189	(0.880)	869195	50.0000	60.71
	69 1,1,2,2-Tetrachloroethane(**)	83	15.336	15.336	(0.888)	865240	50.0000	58.69
	70 1,2,3-Trichloropropane	110	15.366	15.366	(0.890)	302027	50.0000	62.56
	71 n-Propylbenzene	91	15.524	15.524	(0.899)	2704522	50.0000	60.63
	72 2-Chlorotoluene	126	15.632	15.632	(0.905)	642356	50.0000	59.56
	73 4-Chlorotoluene	126	15.849	15.849	(0.918)	691682	50.0000	61.41
	74 1,3,5-Trimethylbenzene	105	15.908	15.908	(0.921)	2150615	50.0000	59.93
	75 tert-Butylbenzene	119	16.528	16.528	(0.957)	2265640	50.0000	61.12
	76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	2151159	50.0000	58.88
	77 sec-Butylbenzene	105	16.972	16.972	(0.983)	2959053	50.0000	60.87
	78 1,3-Dichlorobenzene	146	17.129	17.129	(0.992)	1453107	50.0000	60.51
*	79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	861841	50.0000	
	80 1,4-Dichlorobenzene	146	17.317	17.317	(1.003)	1542493	50.0000	58.88
	81 p-Isopropyltoluene	119	17.307	17.307	(1.002)	2426694	50.0000	60.50
	82 1,2-Dichlorobenzene	146	18.046	18.046	(1.045)	1405519	50.0000	61.20
	83 n-Butylbenzene	91	18.134	18.134	(1.050)	2338367	50.0000	61.05
	84 1,2-Dibromo-3-chloropropane	157	19.661	19.661	(1.139)	301647	50.0000	60.37
	85 1,2,4-Trichlorobenzene	180	21.376	21.376	(1.238)	1287866	50.0000	60.72
	86 Hexachlorobutadiene	225	21.819	21.819	(1.264)	1122962	50.0000	70.11
	87 Napthalene	128	21.849	21.849	(1.265)	1713765	50.0000	53.41
	88 1,2,3-Trichlorobenzene	180	22.361	22.361	(1.295)	1187234	50.0000	59.98

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\1017BD.B\DS2548.D
Date : 17-OCT-2000 20:24
Client ID:
Sample Info: 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Column phase: J&W DB-624

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017BD.B\D13132.D
Lab Smp Id: LCS-1017BD Client Smp ID: D13132
Inj Date : 17-OCT-2000 21:05
Operator : AD Inst ID: md.i
Smp Info : LCS-1017BD,LCS,2,,0,1,0,8260BDA.M,D13132
Misc Info : 1252-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 20:49 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

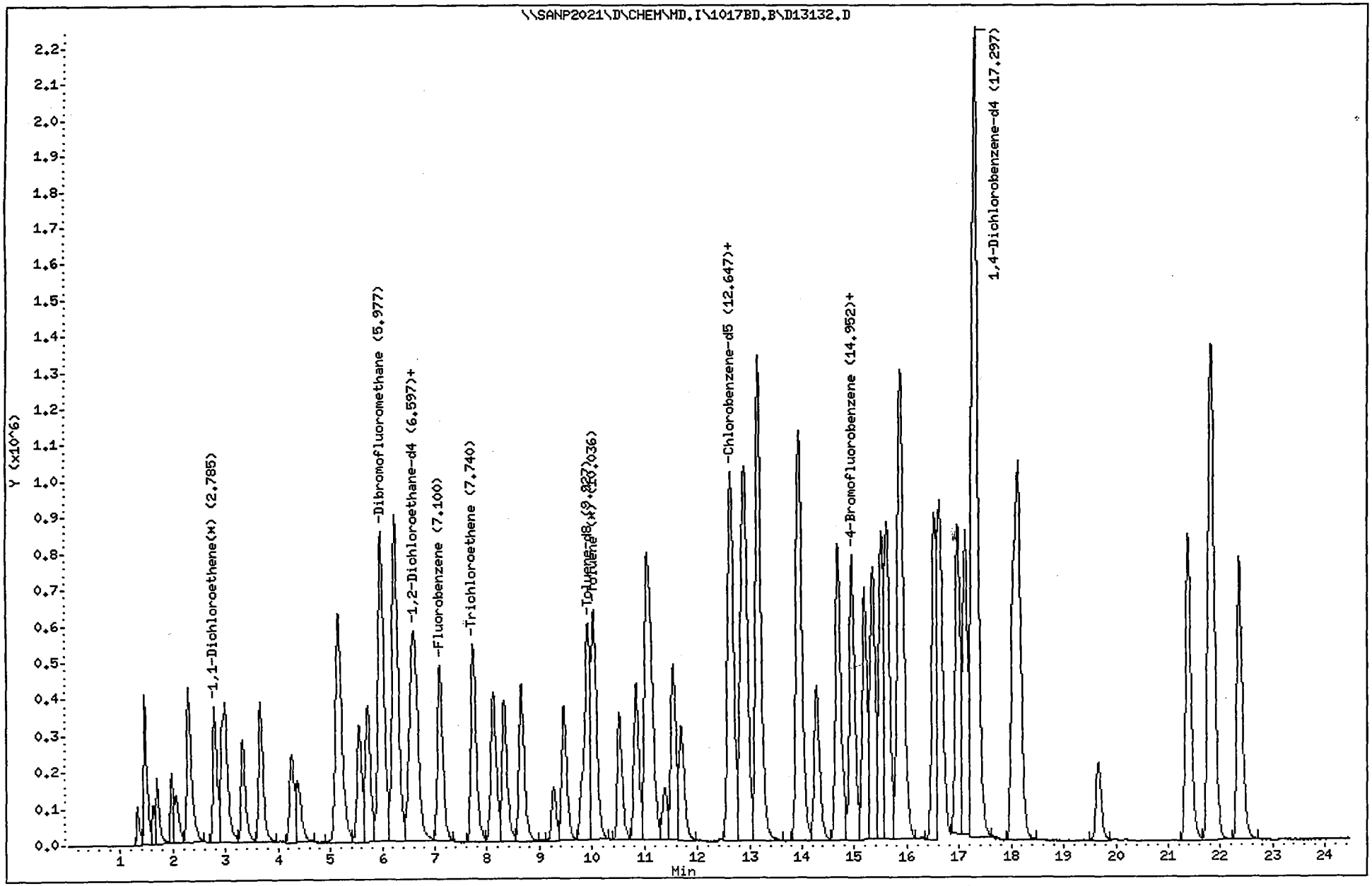
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Factor
Vp	5000.000	Purge Volume
Ws	5.000	Weight of sample extracted
M	0.000	% moisture

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.794	(0.392)	387220	47.1773	47.18
$ 29 Dibromofluoromethane	111	5.987	5.996	(0.843)	1026345	49.5171	49.52
$ 33 1,2-Dichloroethane-d4	65	6.519	6.528	(0.918)	668508	47.7832	47.78
34 1,2-Dichloroethane-d4 2nd	102	6.528	6.528	(0.920)	135624	48.0501	48.05
35 Benzene	78	6.597	6.597	(0.929)	1193950	48.2808	48.28
* 38 Fluorobenzene	96	7.100	7.100	(1.000)	1457201	50.0000	
39 Trichloroethene	130	7.730	7.740	(1.089)	702633	51.5906	51.59
$ 47 Toluene-d8	98	9.918	9.927	(0.786)	1385579	47.0310	47.03
48 Toluene (*)	91	10.046	10.036	(0.796)	1494999	48.0603	48.06
* 56 Chlorobenzene-d5	117	12.617	12.617	(1.000)	1272627	50.0000	
57 Chlorobenzene (**)	112	12.666	12.676	(1.004)	1231772	49.2554	49.26
$ 67 4-Bromofluorobenzene	95	14.962	14.952	(0.866)	1142849	45.6956	45.70
66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	871571	46.5120	46.51
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	941074	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13132.D
Date : 17-OCT-2000 21:05
Client ID: D13132
Sample Info: LCS-1017BD,LCS,2,,0,1,0,8260BDA.M,D13132

Instrument: md.i

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



BOE-C6-0169995

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1017BD.B\D13133.D
Lab Smp Id: MB-1017BD Client Smp ID: D13133
Inj Date : 17-OCT-2000 21:37
Operator : AD Inst ID: md.i
Smp Info : MB-1017BD,BLANK,2,,0,1,0,8260BDA.M,D13133
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)	
$ 29 Dibromofluoromethane	111	5.982	5.996	(0.843)	876506	45.8545	45.85	
$ 33 1,2-Dichloroethane-d4	65	6.524	6.528	(0.919)	568392	44.0537	44.05	
34 1,2-Dichloroethane-d4 2nd	102	6.514	6.528	(0.918)	115279	44.2870	44.29	
* 38 Fluorobenzene	96	7.095	7.100	(1.000)	1343860	50.0000		
$ 47 Toluene-d8	98	9.913	9.927	(0.787)	1265420	45.1266	45.13	
* 56 Chlorobenzene-d5	117	12.602	12.617	(1.000)	1211315	50.0000		
66 4-Bromofluorobenzene-2nd	174	14.957	14.952	(0.866)	794045	45.6114	45.61	
$ 67 4-Bromofluorobenzene	95	14.957	14.952	(0.866)	1028564	44.2672	44.27	
* 79 1,4-Dichlorobenzene-d4	152	17.262	17.267	(1.000)	874295	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\1017BD.B\D13133.D
Lab Smp Id: MB-1017BD Client Smp ID: D13133
Inj Date : 17-OCT-2000 21:37
Operator : AD Inst ID: md.i
Smp Info : MB-1017BD,BLANK,2,,0,1,0,8260BDA.M,D13133
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\chem\md.i\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.095	3056153	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.321	494901	8.09679785	8.10	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1017BD
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13133
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

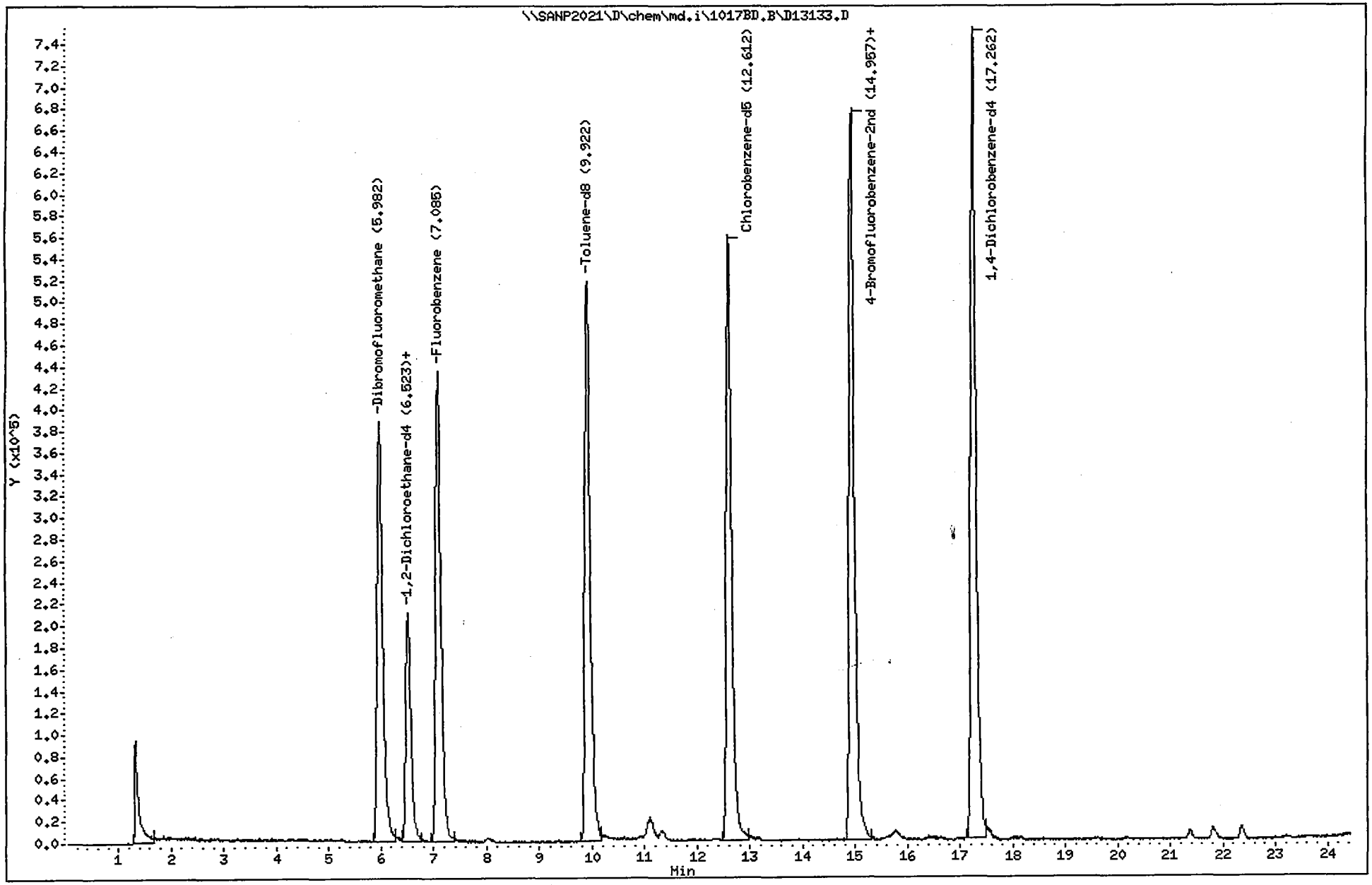
CONCENTRATION UNITS:
(ug/L or ug/KG) ug/Kg

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Gly	1.321	8.10	J

Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13133.D
Date : 17-OCT-2000 21:37
Client ID: D13133
Sample Info: MB-1017BD,BLANK,2,,0,1,0,8260BDA.M,D13133

Instrument: md.i

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



000714

BOE-C6-0169999

Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13133.D

Date : 17-OCT-2000 21:37

Client ID: D13133

Instrument: md.i

Sample Info: MB-1017BD,BLANK,2,,0,1,0,8260BDA.M,D13133

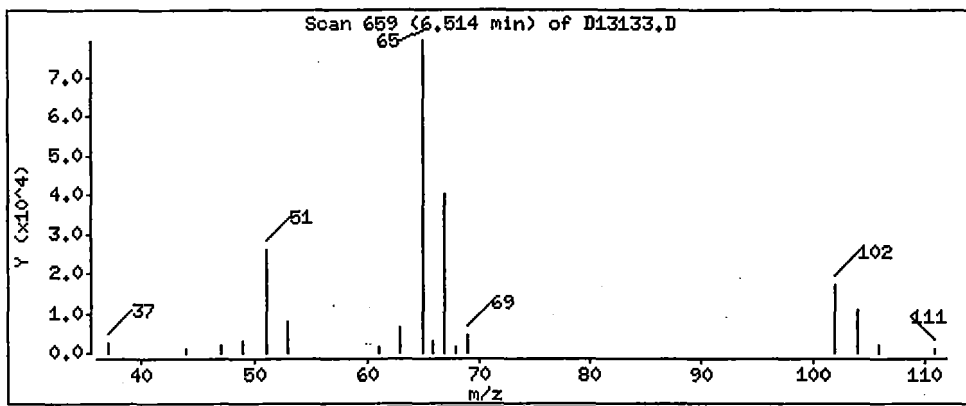
Operator: AD

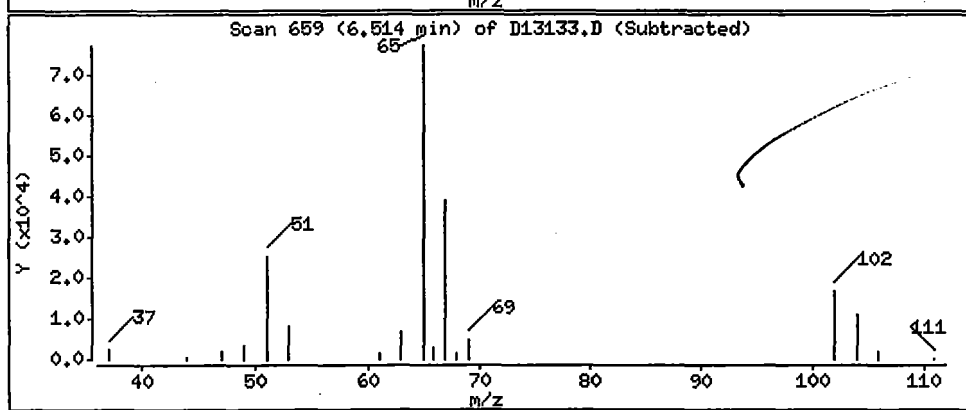
Column phase: J&W DB-624

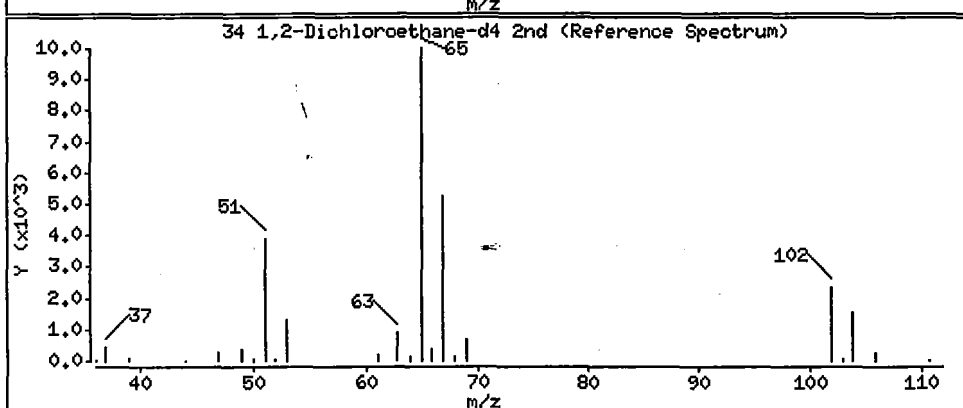
Column diameter: 0.53

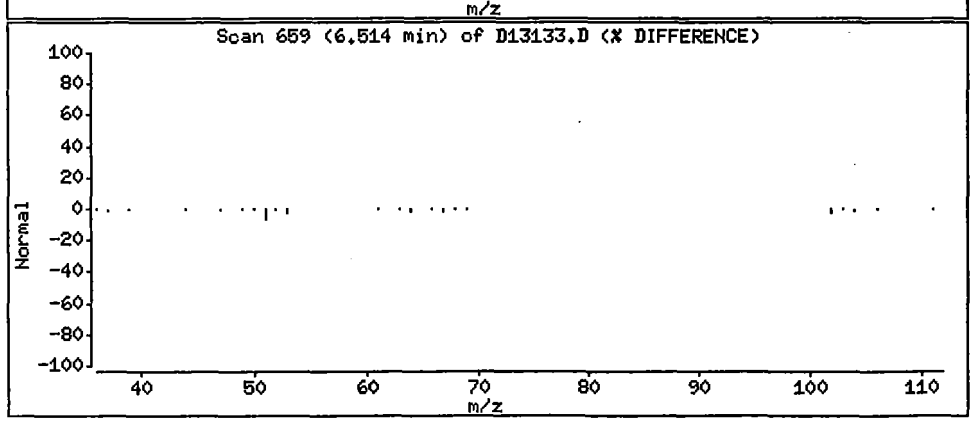
34 1,2-Dichloroethane-d4 2nd

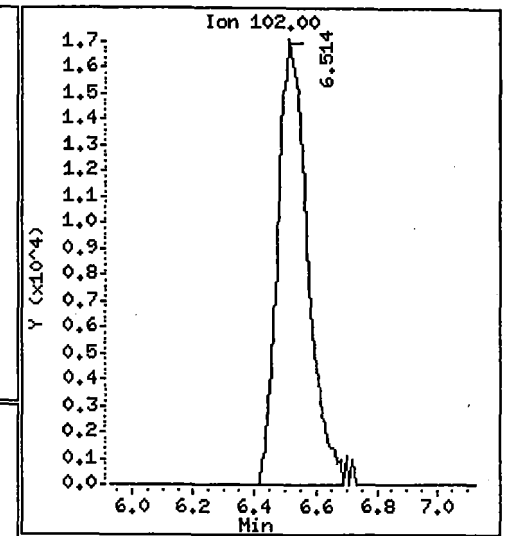
Concentration: 44.29 ug/Kg

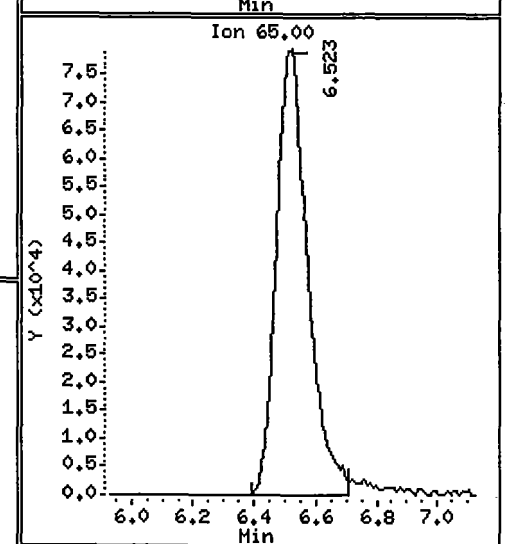












Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13133.D

Date : 17-OCT-2000 21:37

Client ID: D13133

Instrument: md.i

Sample Info: MB-1017BD,BLANK,2,,0,1,0,8260BDA.M,D13133

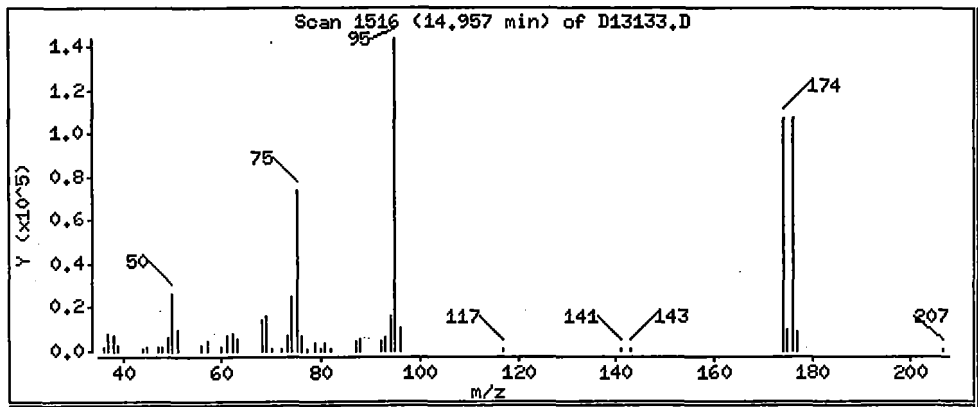
Operator: AD

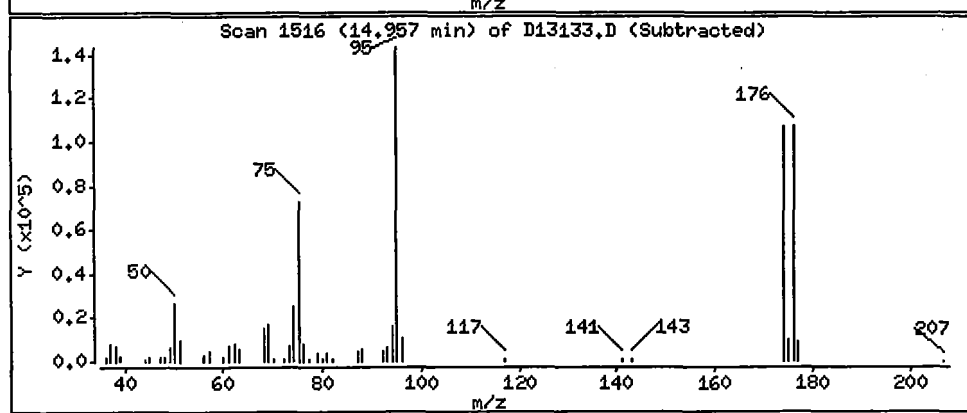
Column phase: J&W DB-624

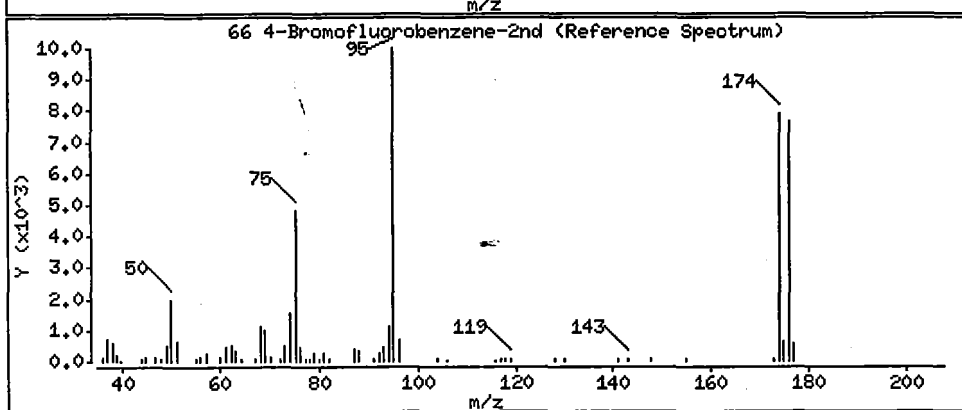
Column diameter: 0.53

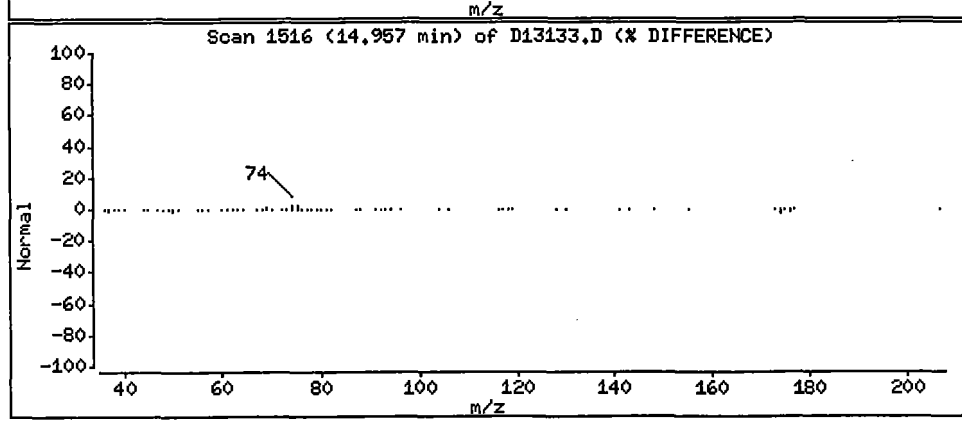
66 4-Bromofluorobenzene-2nd

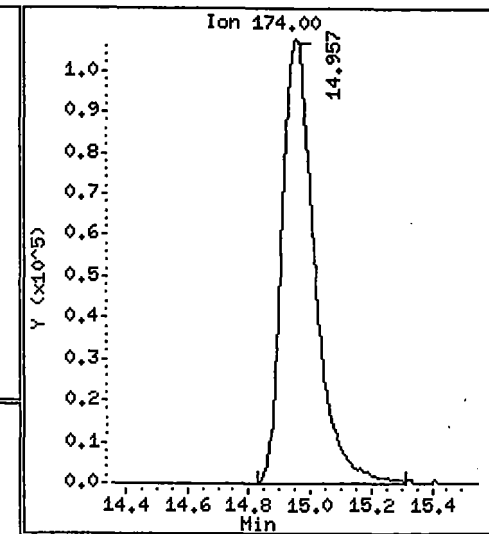
Concentration: 45.61 ug/Kg

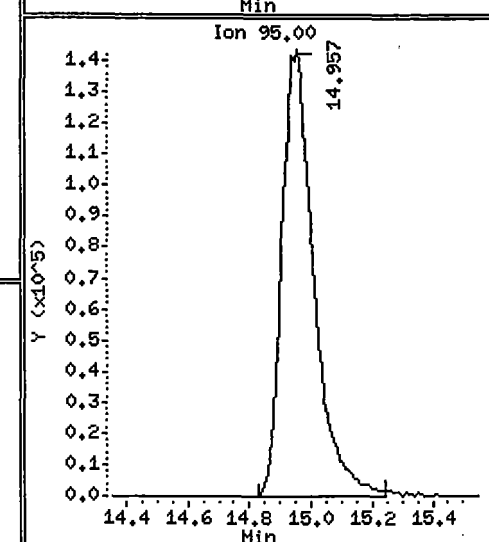


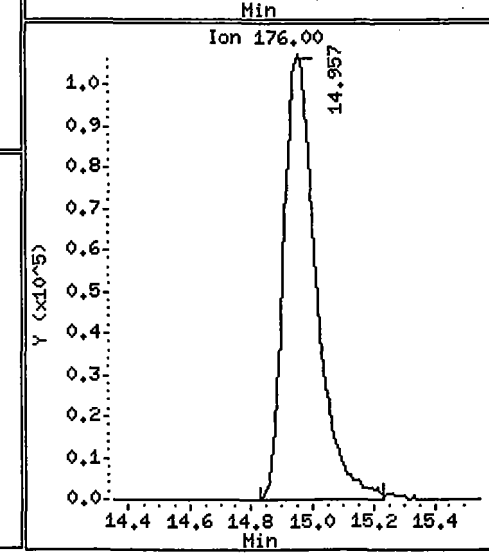












Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13133.D

Date : 17-OCT-2000 21:37

Client ID: D13133

Instrument: md.i

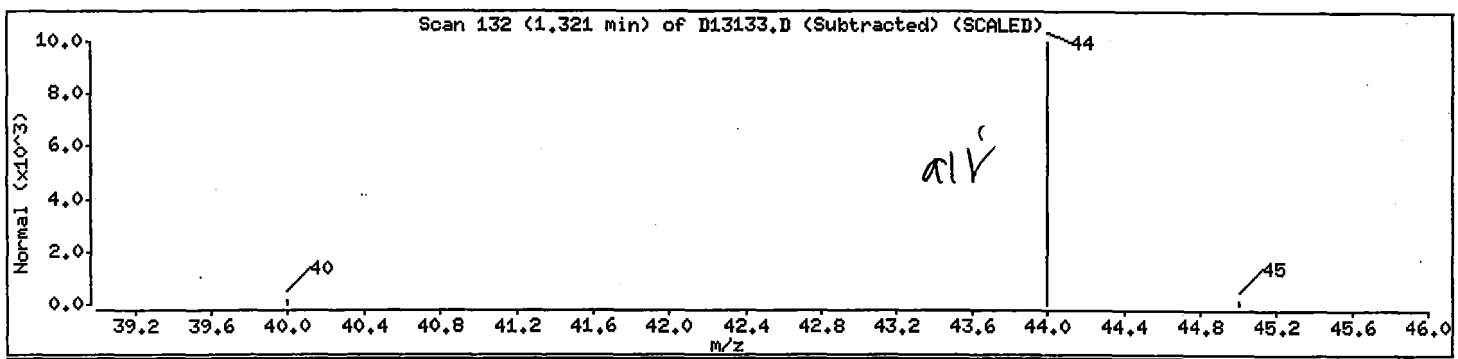
Sample Info: MB-1017BD,BLANK,2,,0,1,0,8260BDA.M,D13133

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017BD.B\D13137.D
Lab Smp Id: DLJP8102 Client Smp ID: D13137
Inj Date : 17-OCT-2000 23:58
Operator : AD Inst ID: md.i
Smp Info : DLJP8102,MS,2,,0,1,0,8260BDA.M,D13137
Misc Info : E0J040325-37S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 7 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

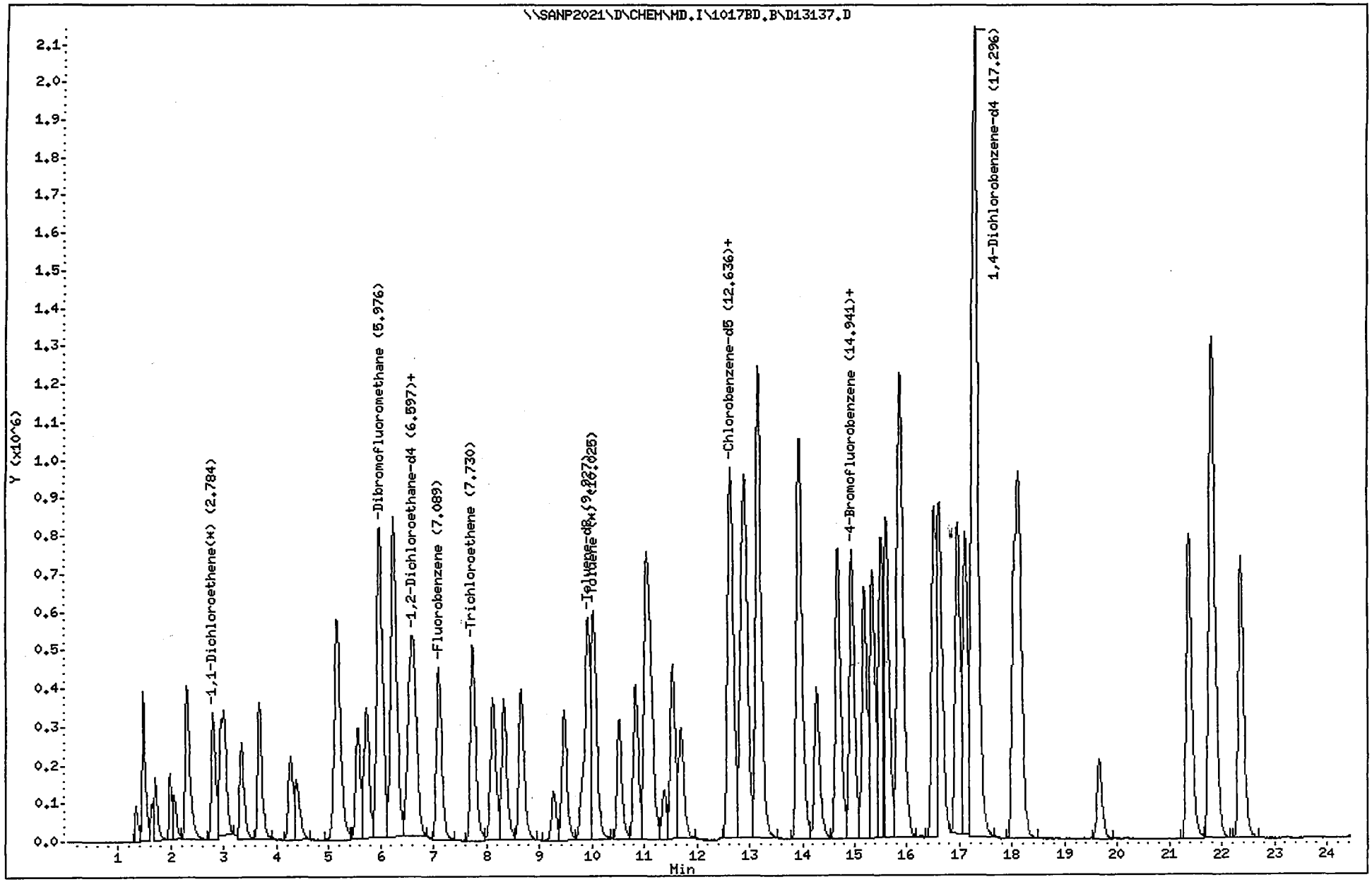
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.784	2.794	(0.393)	365569	47.6770	47.68
$ 29 Dibromofluoromethane	111	5.986	5.996	(0.844)	991295	51.1952	51.20
$ 33 1,2-Dichloroethane-d4	65	6.528	6.528	(0.921)	617242	47.2268	47.23
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.528	(0.919)	126527	47.9851	47.98
35 Benzene	78	6.587	6.597	(0.929)	1105527	47.8544	47.85
* 38 Fluorobenzene	96	7.089	7.100	(1.000)	1361304	50.0000	
39 Trichloroethene	130	7.729	7.740	(1.090)	660975	51.9506	51.95
$ 47 Toluene-d8	98	9.917	9.927	(0.786)	1326306	46.8011	46.80
48 Toluene (*)	91	10.035	10.036	(0.795)	1397115	46.6913	46.69
* 56 Chlorobenzene-d5	117	12.616	12.617	(1.000)	1224173	50.0000	
57 Chlorobenzene (**)	112	12.666	12.676	(1.004)	1156815	48.0890	48.09
$ 67 4-Bromofluorobenzene	95	14.941	14.952	(0.865)	1137302	46.1544	46.15
66 4-Bromofluorobenzene-2nd	174	14.941	14.952	(0.865)	865196	46.8629	46.86
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.267	(1.000)	927196	50.0000	

Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13137.D
Date : 17-OCT-2000 23:58
Client ID: D13137
Sample Info: DLJP8102,MS,2,,0,1,0,8260BDA.M,D13137

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



BOE-C6-0170004

000719

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1017BD.B\D13138.D
Lab Smp Id: DLJP8103 Client Smp ID: D13138
Inj Date : 18-OCT-2000 00:30
Operator : AD Inst ID: md.i
Smp Info : DLJP8103,MSD,2,,0,1,0,8260BDA.M,D13138
Misc Info : E0J040325-37D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\chem\md.i\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 8 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

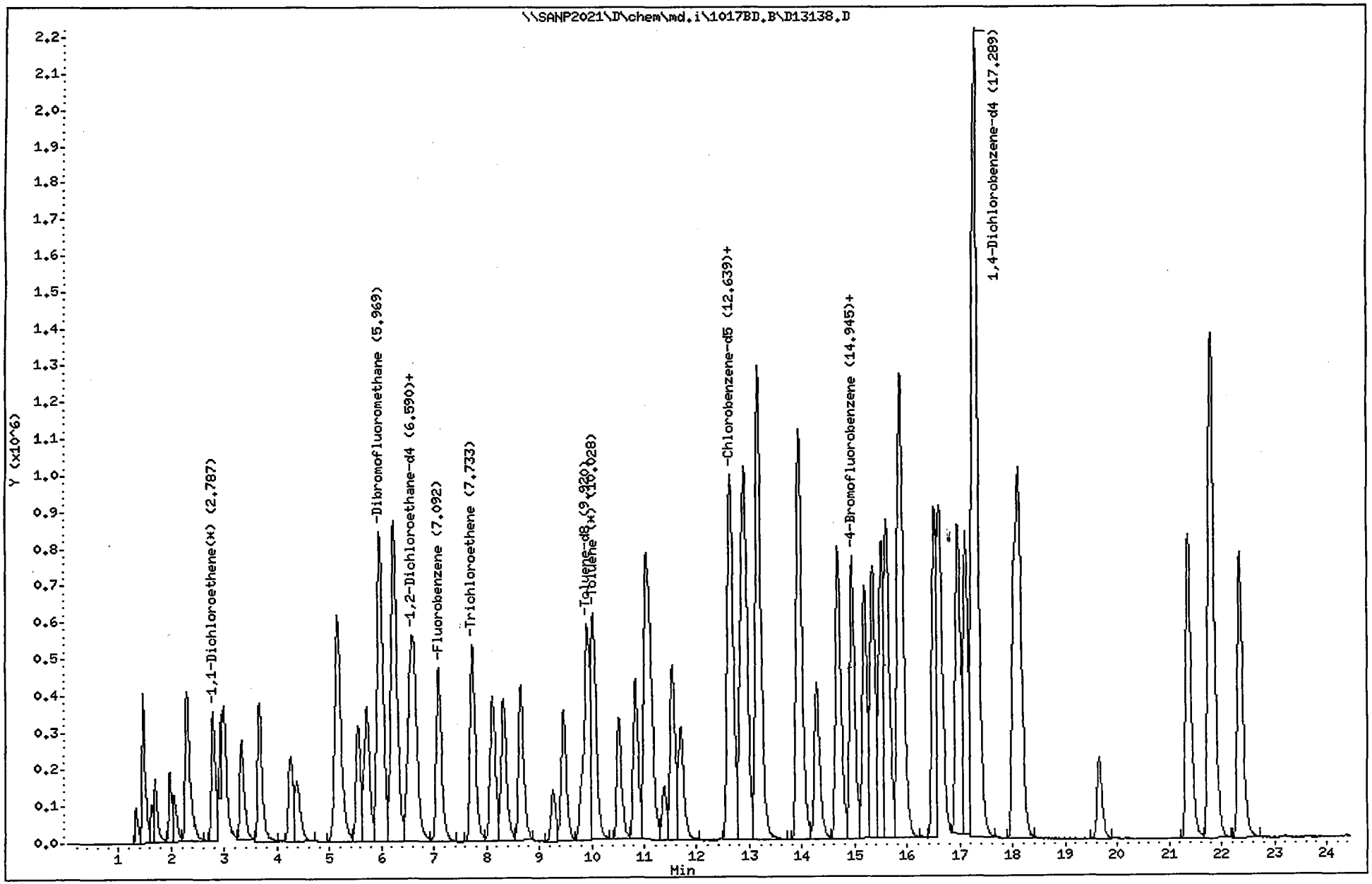
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.777	2.794	(0.392)	382368	48.1095	48.11
$ 29 Dibromofluoromethane	111	5.969	5.996	(0.842)	994425	49.5459	49.54
$ 33 1,2-Dichloroethane-d4	65	6.511	6.528	(0.918)	647199	47.7728	47.77
34 1,2-Dichloroethane-d4 2nd	102	6.511	6.528	(0.918)	121959	44.6219	44.62
35 Benzene	78	6.590	6.597	(0.929)	1181051	49.3209	49.32
* 38 Fluorobenzene	96	7.092	7.100	(1.000)	1411059	50.0000	
39 Trichloroethene	130	7.733	7.740	(1.090)	701034	53.1563	53.16
$ 47 Toluene-d8	98	9.910	9.927	(0.786)	1342206	46.5653	46.56
48 Toluene (*)	91	10.038	10.036	(0.796)	1472031	48.3674	48.37
* 56 Chlorobenzene-d5	117	12.610	12.617	(1.000)	1245120	50.0000	
57 Chlorobenzene (**)	112	12.669	12.676	(1.005)	1219254	49.8319	49.83
$ 67 4-Bromofluorobenzene	95	14.945	14.952	(0.866)	1149897	47.0876	47.09
66 4-Bromofluorobenzene-2nd	174	14.954	14.952	(0.866)	869964	47.5473	47.55
* 79 1,4-Dichlorobenzene-d4	152	17.260	17.267	(1.000)	918886	50.0000	

Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13138.D
Date : 18-OCT-2000 00:30
Client ID: D13138
Sample Info: DLJP8103,MSD,2,,0,1,0,8260BDA.M,D13138

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000721

BOE-C6-0170006

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017BD.B\D13134.D
Lab Smp Id: DLJP5101 Client Smp ID: D13134
Inj Date : 17-OCT-2000 22:22
Operator : AD Inst ID: md.i
Smp Info : DLJP5101,,2,,0,1,0,8260BDA.M,D13134
Misc Info : E0J040325-35,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.882	2.873	(0.406)	10062	6.18367	6.18
$ 29 Dibromofluoromethane	111	5.986	5.996	(0.843)	928949	44.4330	44.43
$ 33 1,2-Dichloroethane-d4	65	6.508	6.528	(0.917)	616978	43.7211	43.72
34 1,2-Dichloroethane-d4 2nd	102	6.527	6.528	(0.920)	127925	44.9332	44.93
* 38 Fluorobenzene	96	7.099	7.100	(1.000)	1469829	50.0000	
39 Trichloroethene	130	7.739	7.740	(1.090)	264981	19.2890	19.29
$ 47 Toluene-d8	98	9.917	9.927	(0.785)	1342846	44.5304	44.53
* 56 Chlorobenzene-d5	117	12.626	12.617	(1.000)	1302640	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.951	14.952	(0.866)	812129	46.0265	46.03
$ 67 4-Bromofluorobenzene	95	14.951	14.952	(0.866)	1068302	45.3627	45.36
* 79 1,4-Dichlorobenzene-d4	152	17.266	17.267	(1.000)	886143	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\1017BD.B\D13134.D
Lab Smp Id: DLJP5101 Client Smp ID: D13134
Inj Date : 17-OCT-2000 22:22
Operator : AD Inst ID: md.i
Smp Info : DLJP5101,,2,,0,1,0,8260BDA.M,D13134
Misc Info : E0J040325-35,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.099	3430301	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.325	625834	9.12214712	9.12	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJP5101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13134
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ alk	1.325	9.12	J

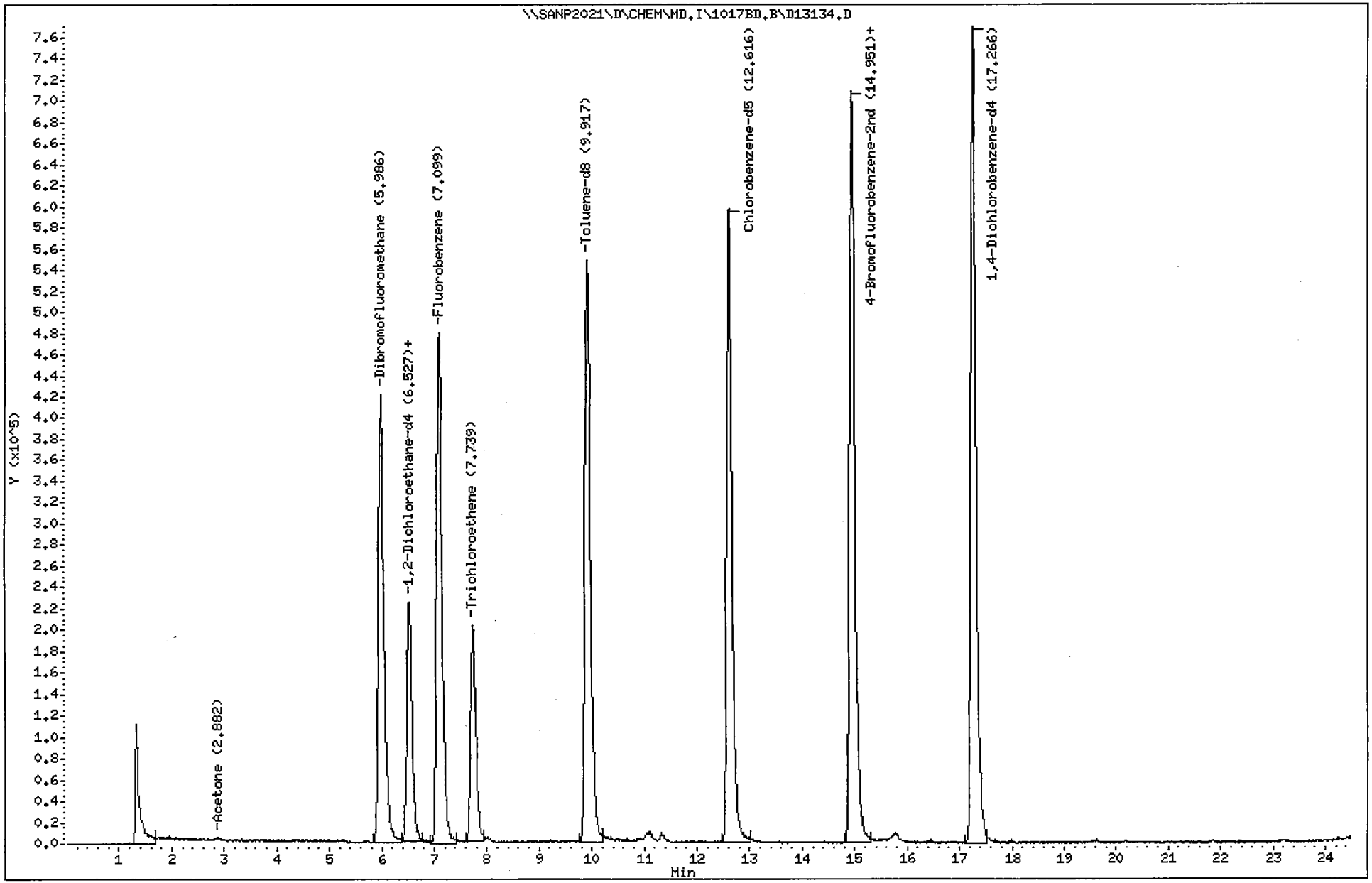
Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13134.D
Date : 17-OCT-2000 22:22
Client ID: D13134
Sample Info: DLJP5101,,2,,0,1,0,8260BDA.M,D13134

Instrument: md.i

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0170011

000726

Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13134.D

Date : 17-OCT-2000 22:22

Client ID: D13134

Instrument: md.i

Sample Info: DLJP5101,,2,,0,1,0,8260BDA.M,D13134

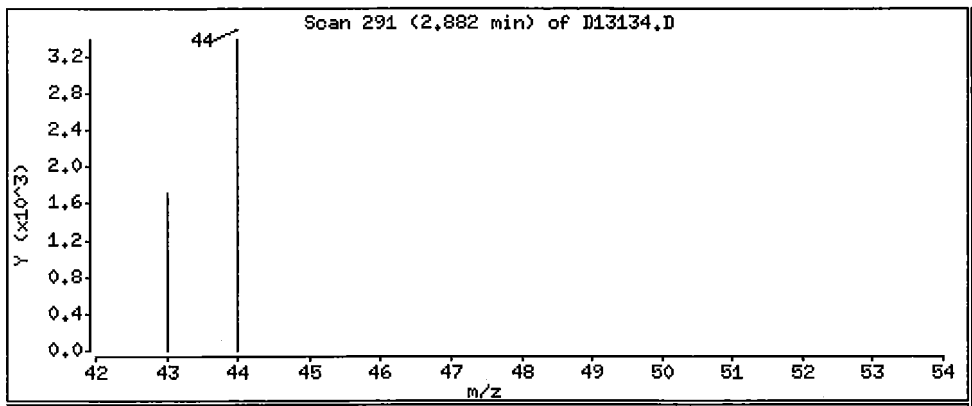
Operator: AD

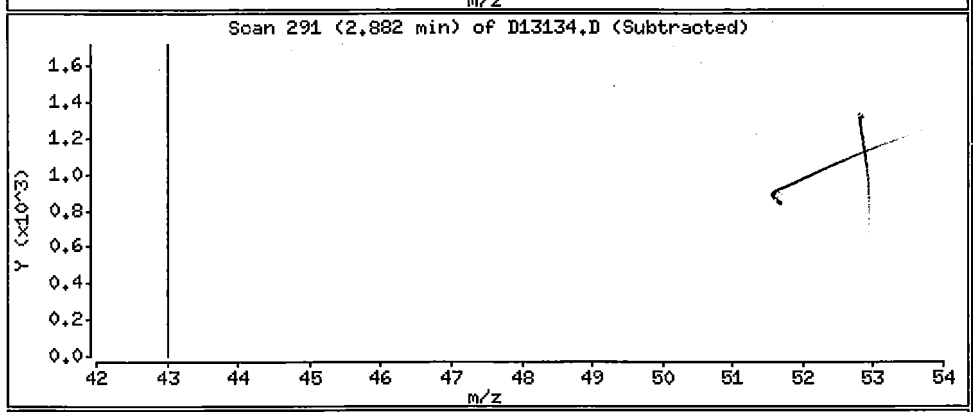
Column phase: J&W DB-624

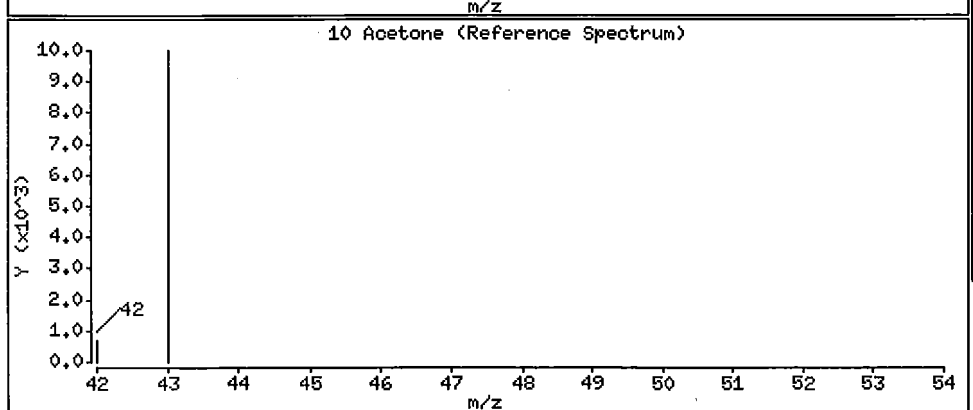
Column diameter: 0.53

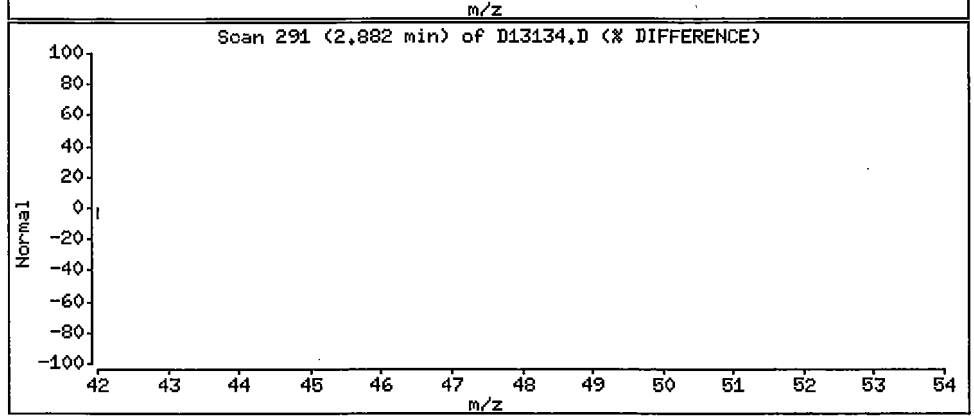
10 Acetone

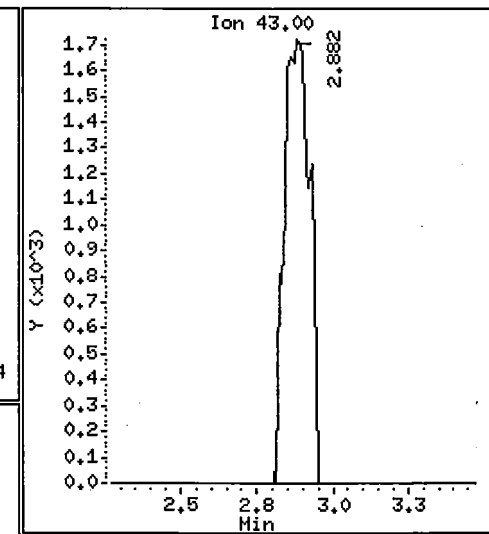
Concentration: 6.18 ug/Kg

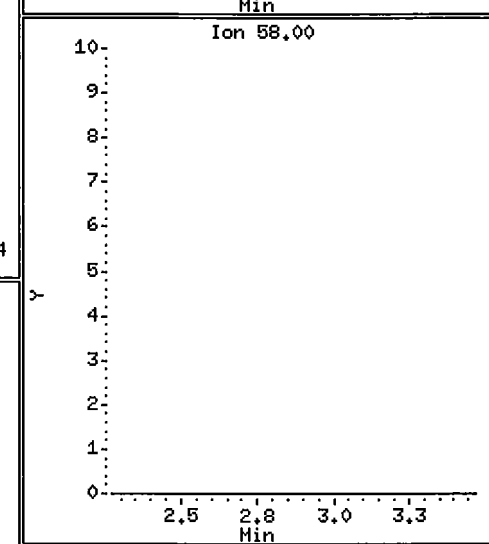












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13134.D

Date : 17-OCT-2000 22:22

Client ID: D13134

Instrument: md.i

Sample Info: DLJP5101,,2,,0,1,0,8260BDA.M,D13134

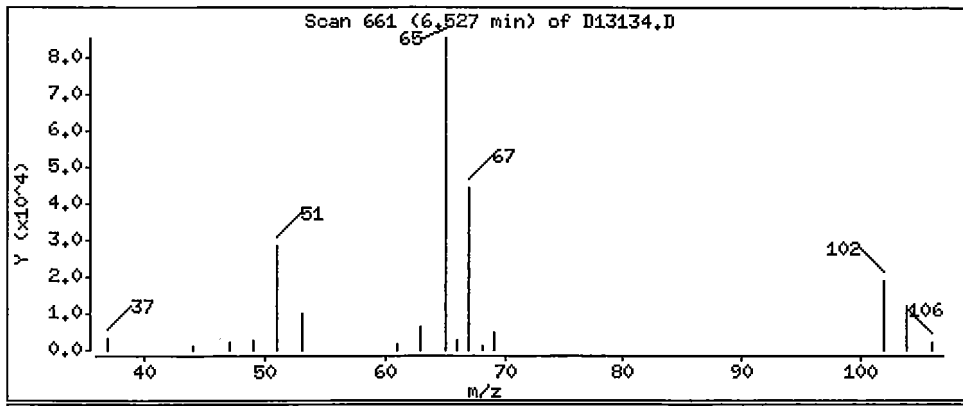
Operator: AD

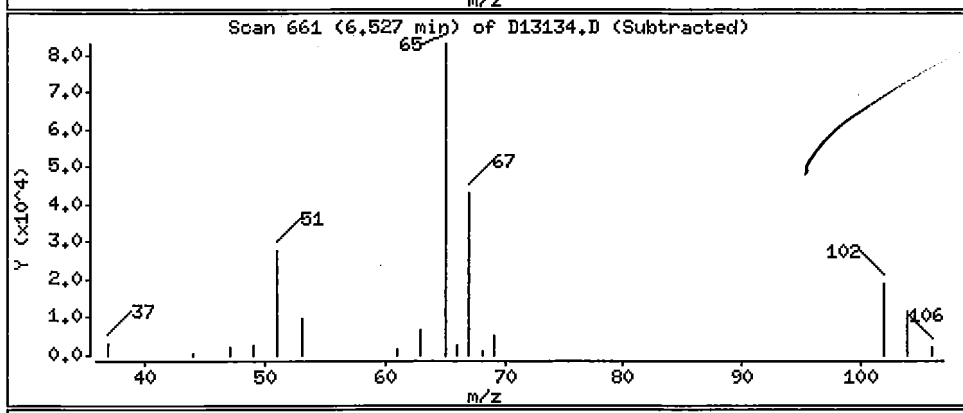
Column phase: J&W DB-624

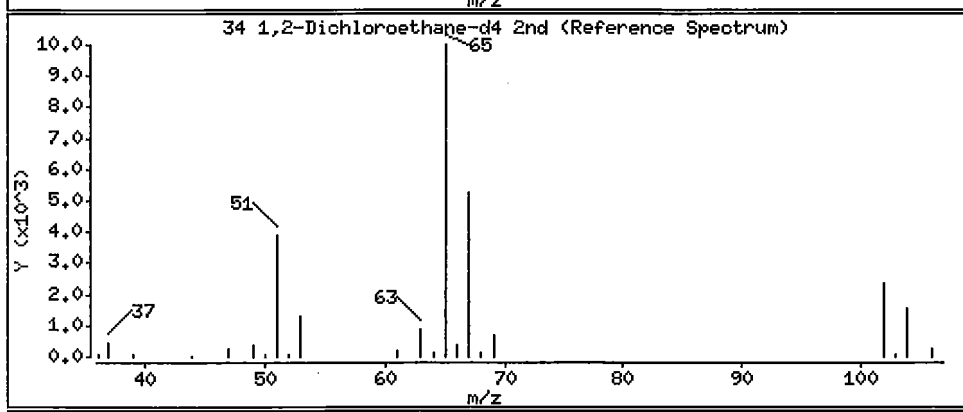
Column diameter: 0.53

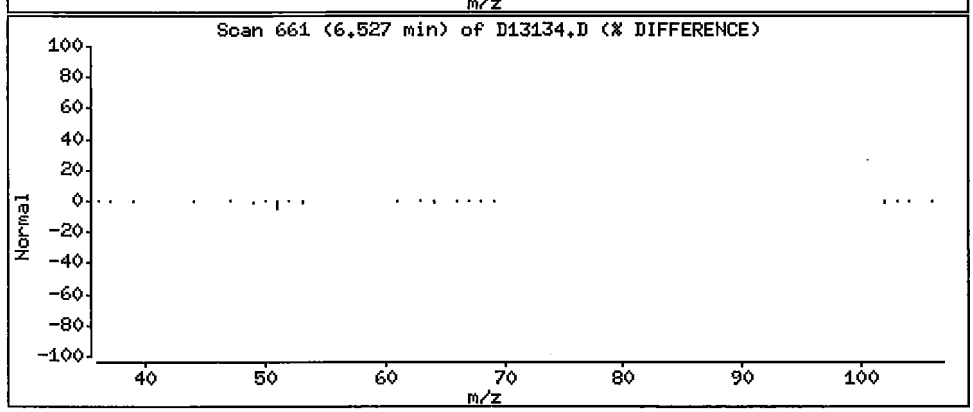
34 1,2-Dichloroethane-d4 2nd

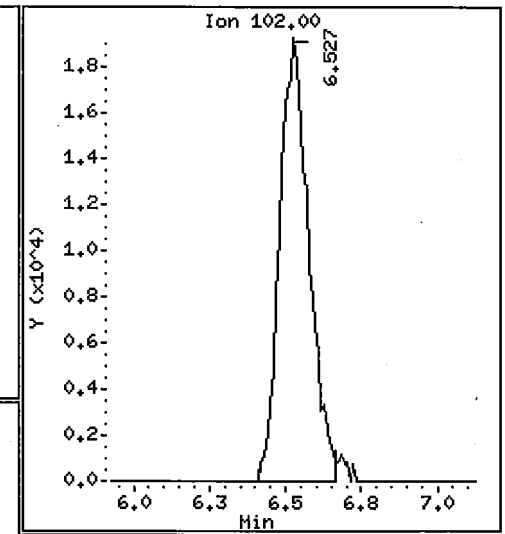
Concentration: 44.93 ug/Kg

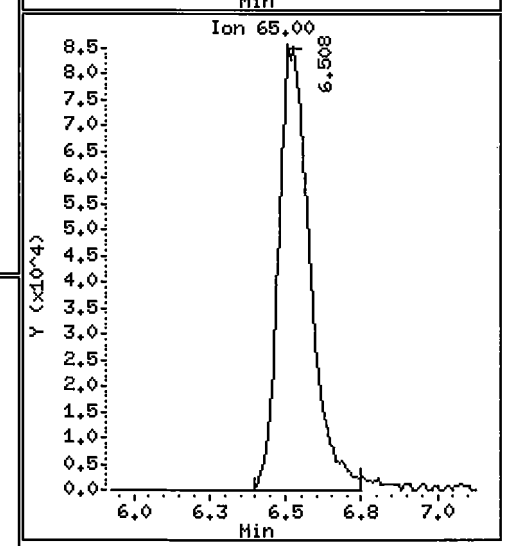












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13134.D

Date : 17-OCT-2000 22:22

Client ID: D13134

Instrument: md.i

Sample Info: DLJP5101,,2,,0,1,0,8260BDA.M,D13134

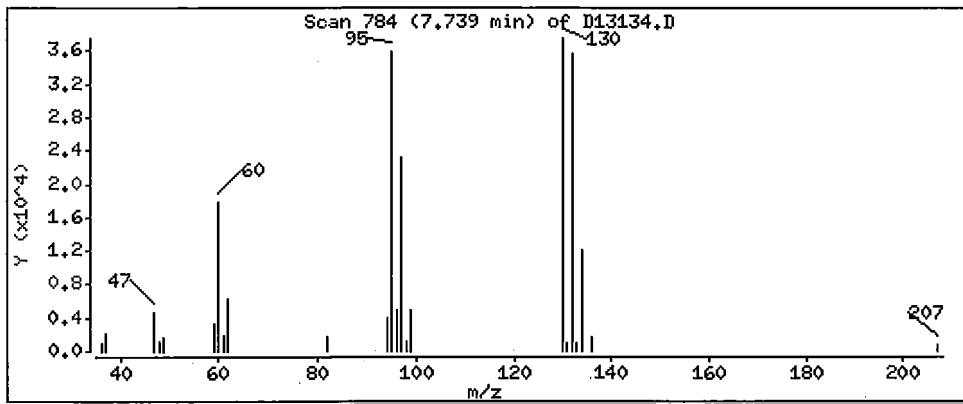
Operator: AD

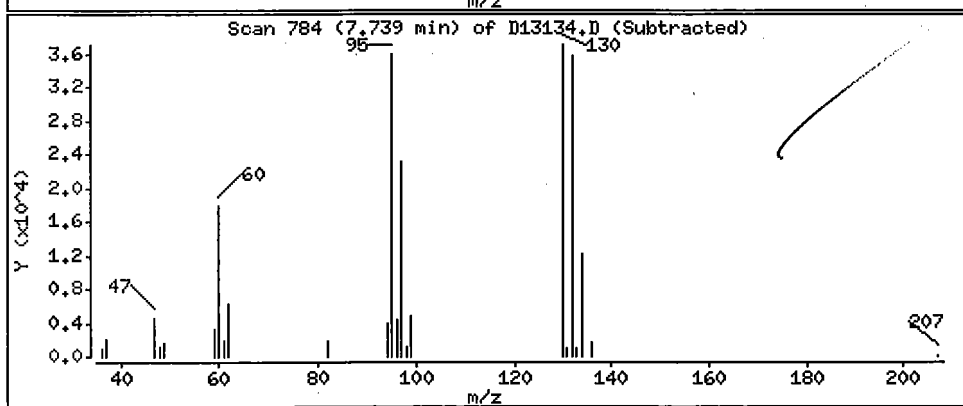
Column phase: J&W DB-624

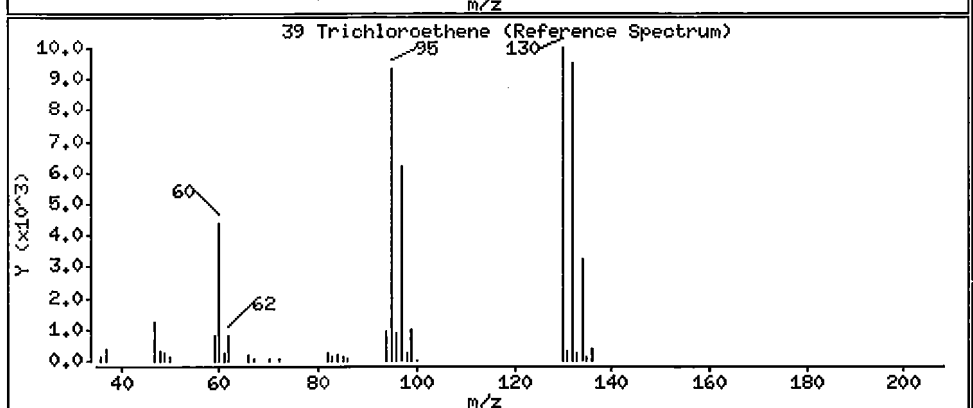
Column diameter: 0.53

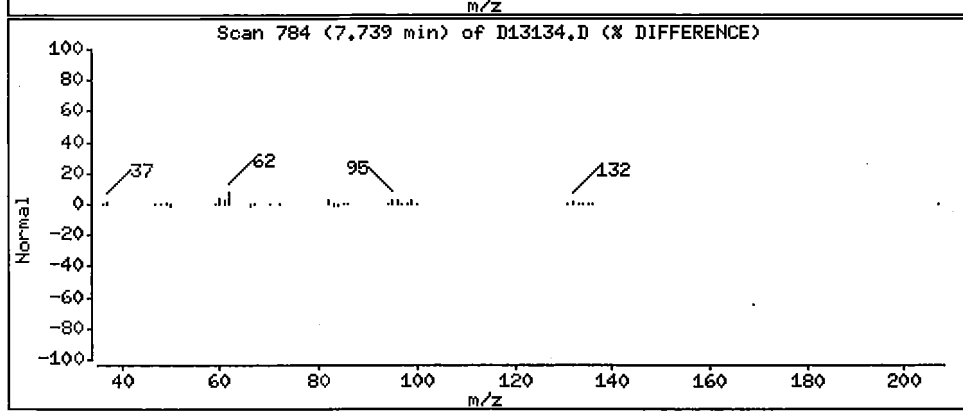
39 Trichloroethene

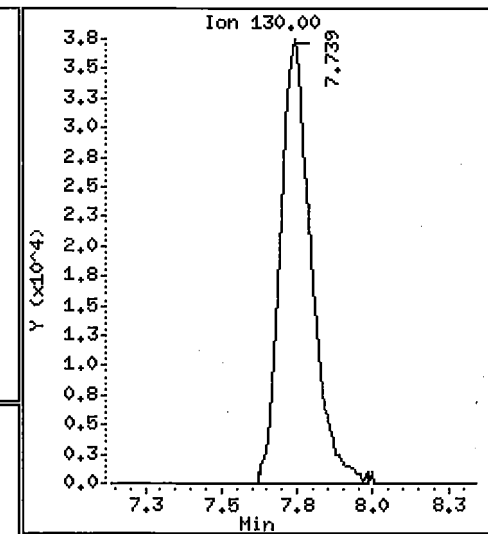
Concentration: 19.29 ug/Kg

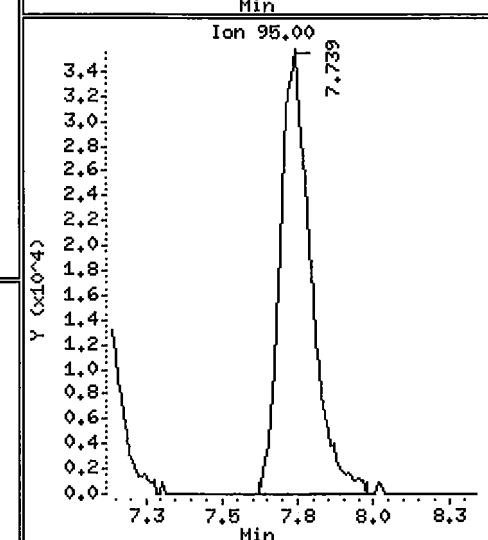


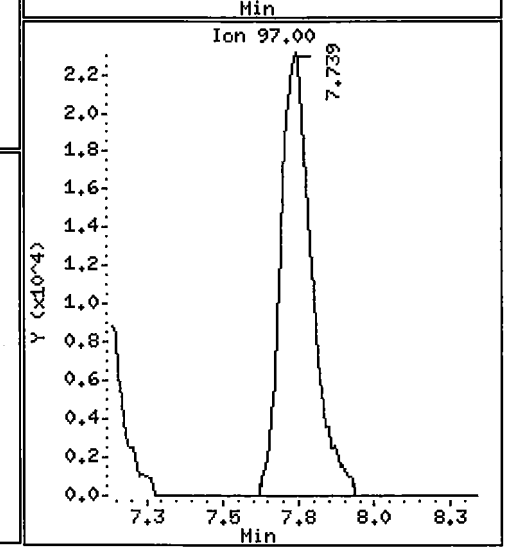












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13134.D

Date : 17-OCT-2000 22:22

Client ID: D13134

Instrument: md.i

Sample Info: DLJP5101,,2,,0,1,0,8260BDA.M,D13134

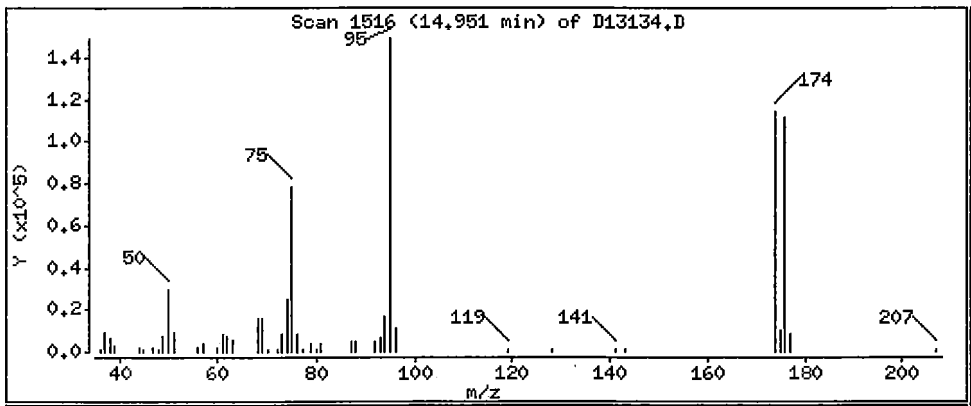
Operator: AD

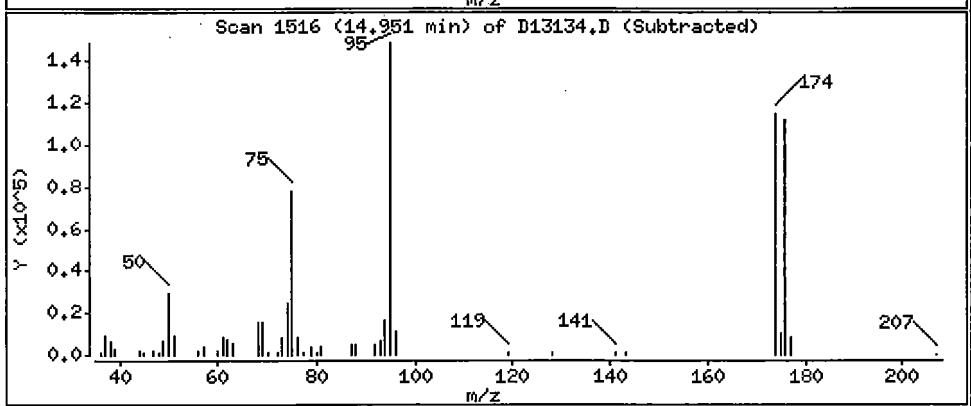
Column phase: J&W DB-624

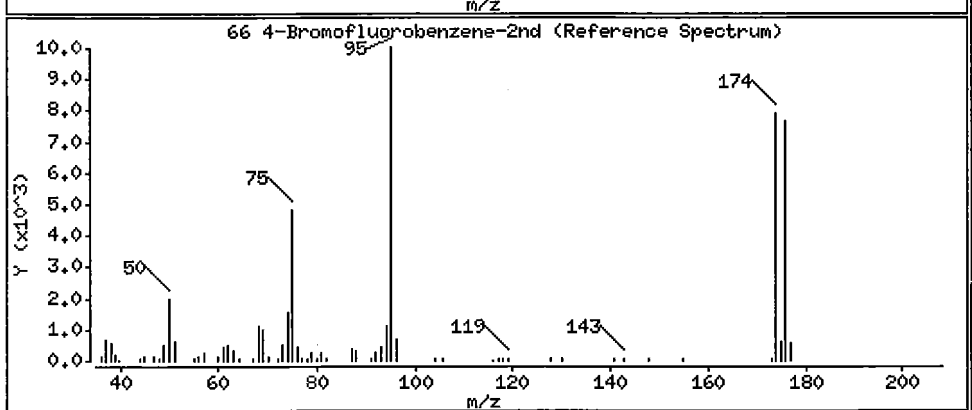
Column diameter: 0.53

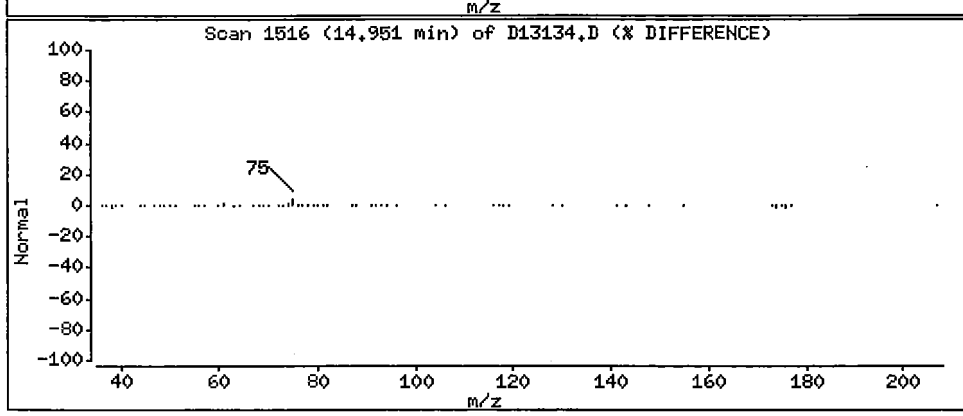
66 4-Bromofluorobenzene-2nd

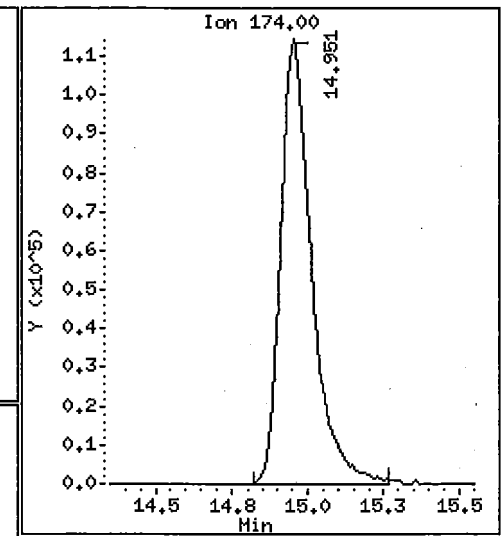
Concentration: 46.03 ug/Kg

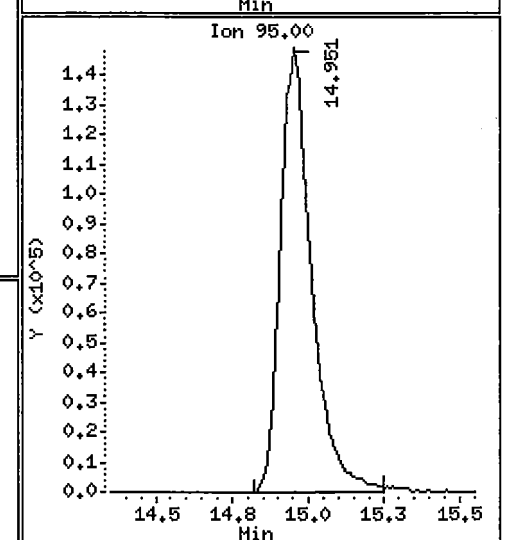


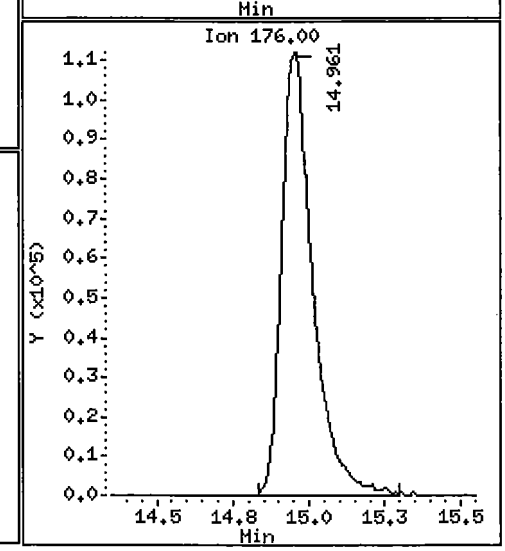












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13134.D

Date : 17-OCT-2000 22:22

Client ID: D13134

Instrument: md.i

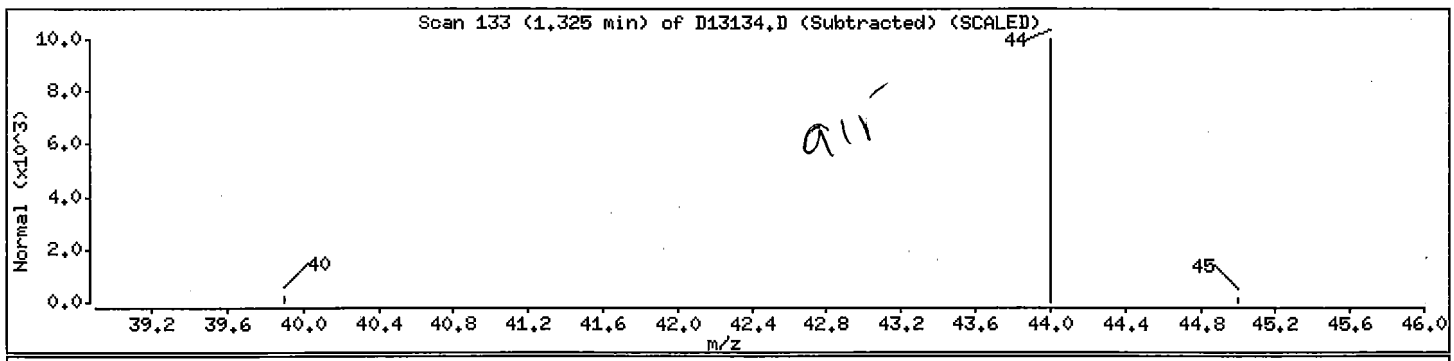
Sample Info: DLJP5101,,2,,0,1,0,8260BDA.M,D13134

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



all

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017BD.B\D13135.D
Lab Smp Id: DLJP6101 Client Smp ID: D13135
Inj Date : 17-OCT-2000 22:54
Operator : AD Inst ID: md.i
Smp Info : DLJP6101,,2,,0,1,0,8260BDA.M,D13135
Misc Info : E0J040325-36,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.989	5.996	(0.844)	876618	45.5843	45.58
$ 33 1,2-Dichloroethane-d4	65	6.521	6.528	(0.919)	575208	44.3136	44.31
34 1,2-Dichloroethane-d4 2nd	102	6.521	6.528	(0.919)	118364	45.1985	45.20
* 38 Fluorobenzene	96	7.093	7.100	(1.000)	1351999	50.0000	
39 Trichloroethene	130	7.743	7.740	(1.092)	50281	3.97915	3.98(a)
$ 47 Toluene-d8	98	9.911	9.927	(0.787)	1283707	45.0209	45.02
* 56 Chlorobenzene-d5	117	12.600	12.617	(1.000)	1231704	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.955	14.952	(0.866)	796652	46.0259	46.02
$ 67 4-Bromofluorobenzene	95	14.945	14.952	(0.866)	1049521	45.4305	45.43
* 79 1,4-Dichlorobenzene-d4	152	17.260	17.267	(1.000)	869266	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\1017BD.B\D13135.D
Lab Smp Id: DLJP6101 Client Smp ID: D13135
Inj Date : 17-OCT-2000 22:54
Operator : AD Inst ID: md.i
Smp Info : DLJP6101,,2,,0,1,0,8260BDA.M,D13135
Misc Info : E0J040325-36,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.093	3113550	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.320	483966	7.77193872	7.77	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJP6101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13135
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

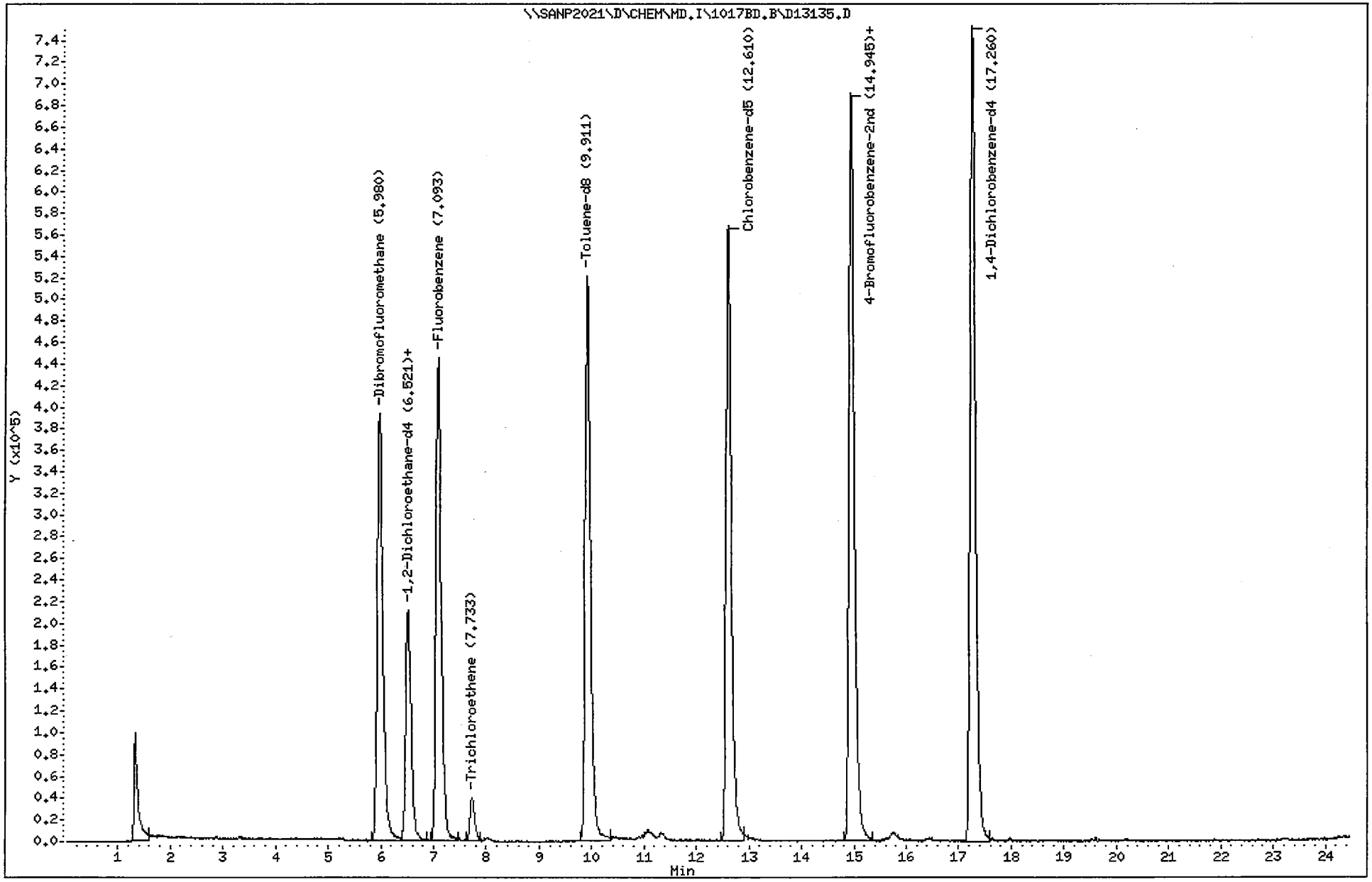
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ Gill	1.320	7.77	J

Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13135.D
Date : 17-OCT-2000 22:54
Client ID: D13135
Sample Info: DLJP6101,,2,,0,1,0,8260BDA.M,D13135

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000736

BOE-C6-0170021

Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13135.D

Date : 17-OCT-2000 22:54

Client ID: D13135

Instrument: md.i

Sample Info: DLJP6101,,2,,0,1,0,8260BDA.M,D13135

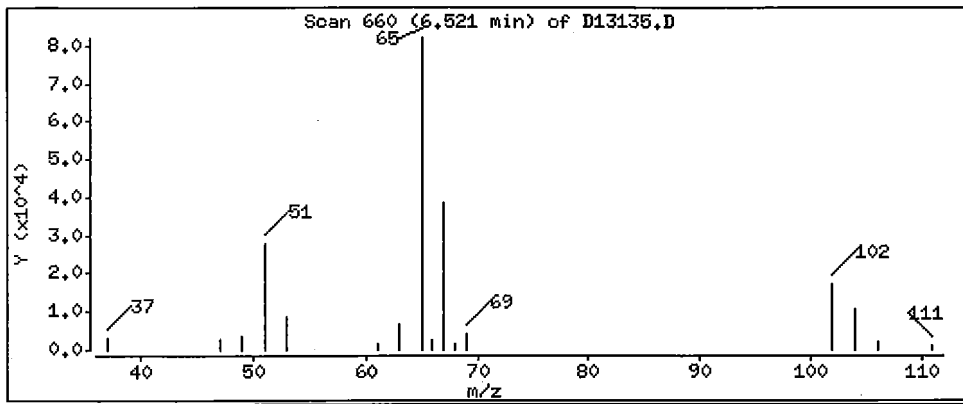
Operator: AD

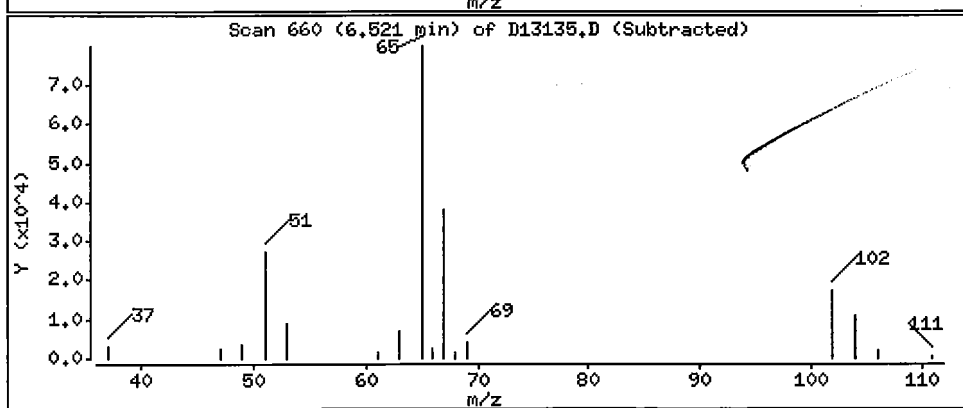
Column phase: J&W DB-624

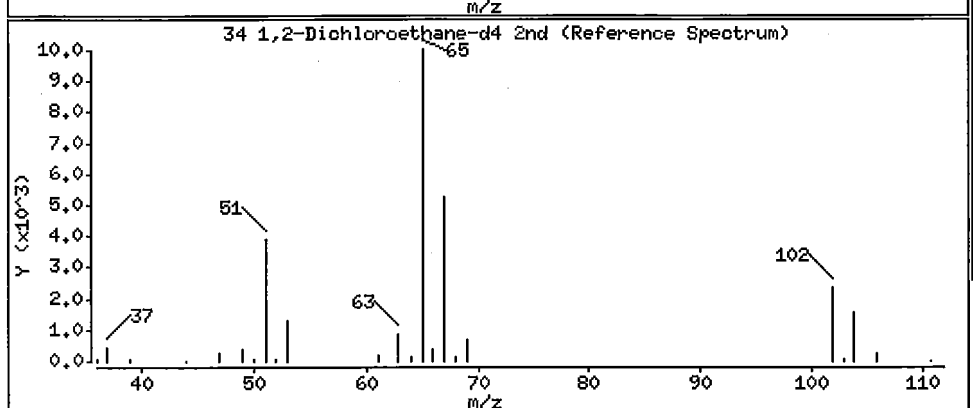
Column diameter: 0.53

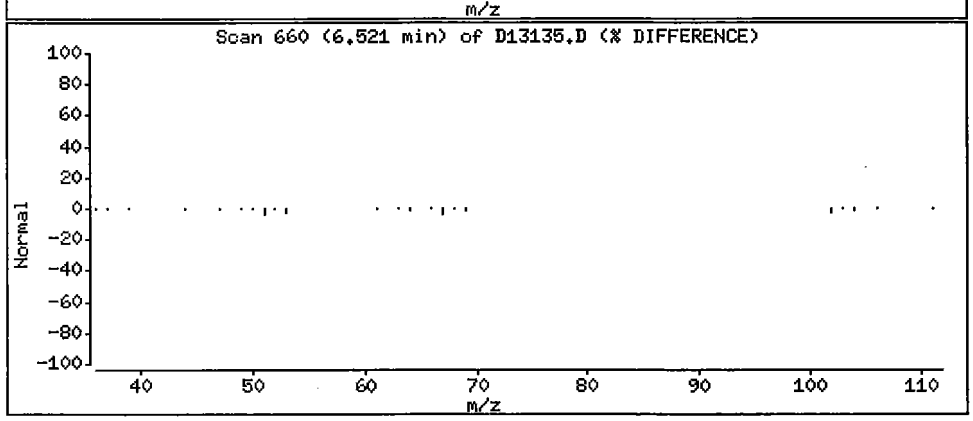
34 1,2-Dichloroethane-d4 2nd

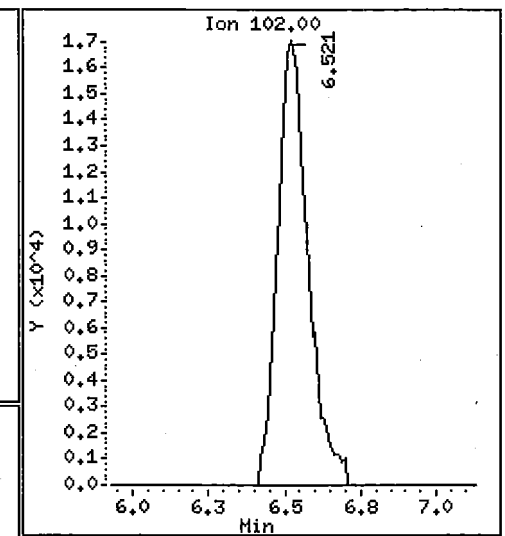
Concentration: 45.20 ug/Kg

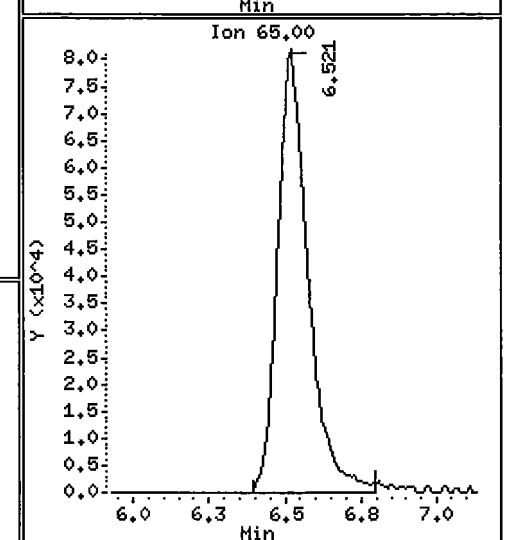












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13135.D

Date : 17-OCT-2000 22:54

Client ID: D13135

Instrument: md.i

Sample Info: DLJP6101,,2,,0,1,0,8260BDA.M,D13135

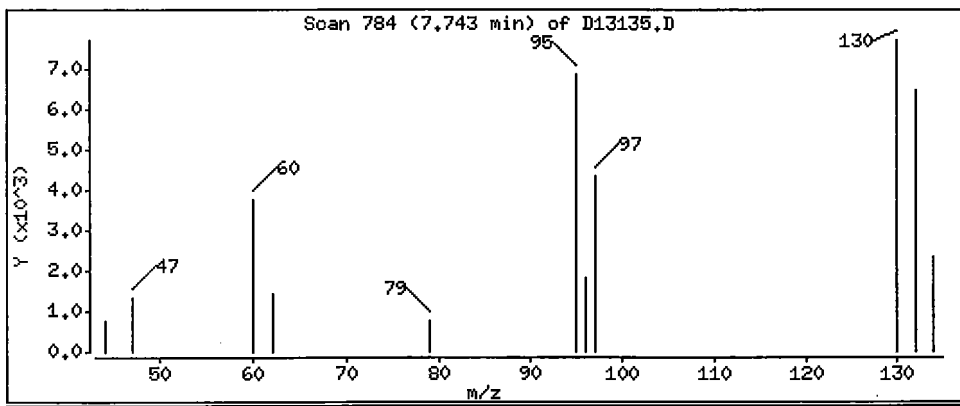
Operator: AD

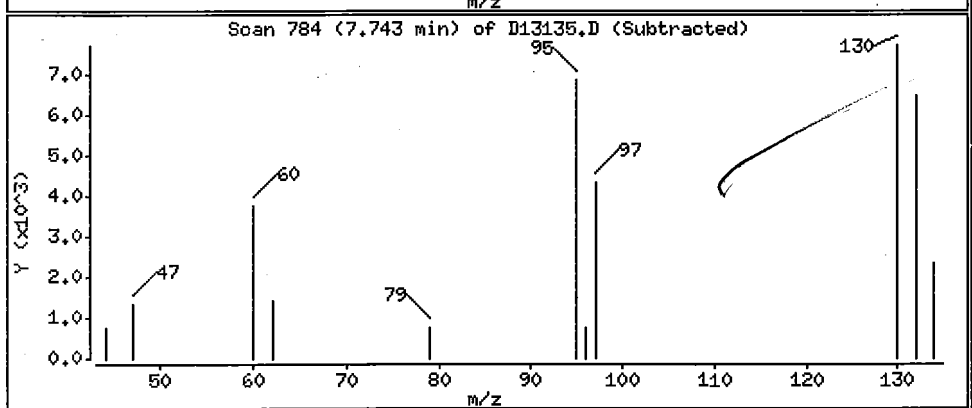
Column phase: J&W DB-624

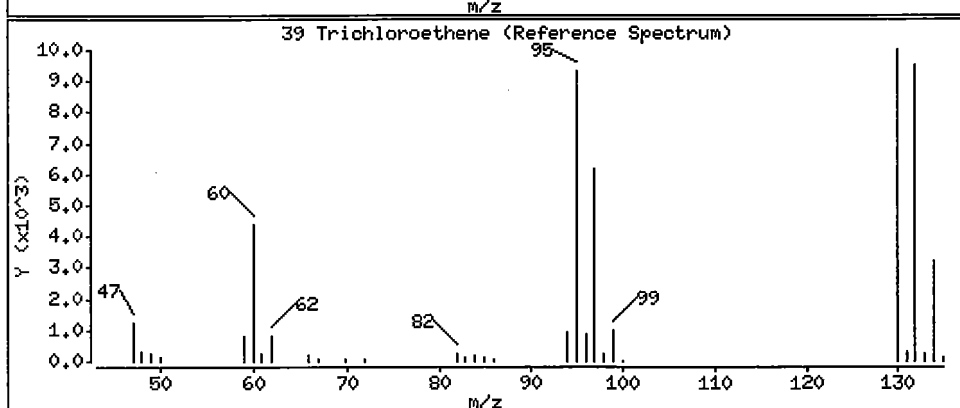
Column diameter: 0.53

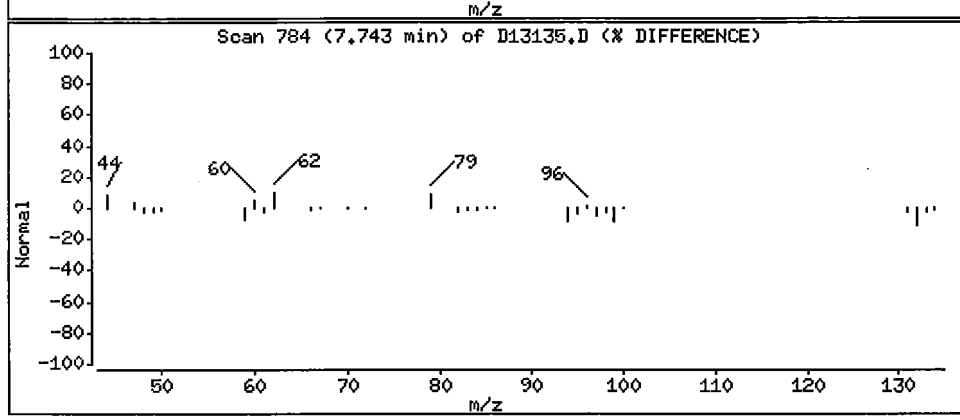
39 Trichloroethene

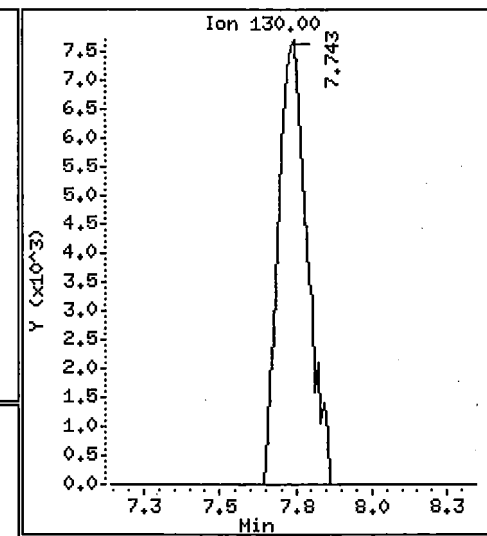
Concentration: 3.98 ug/Kg

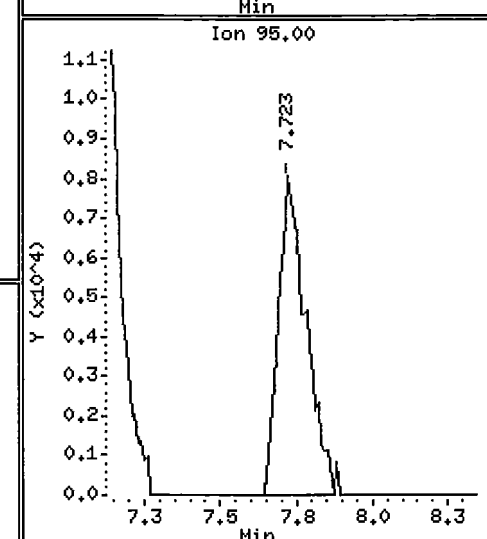


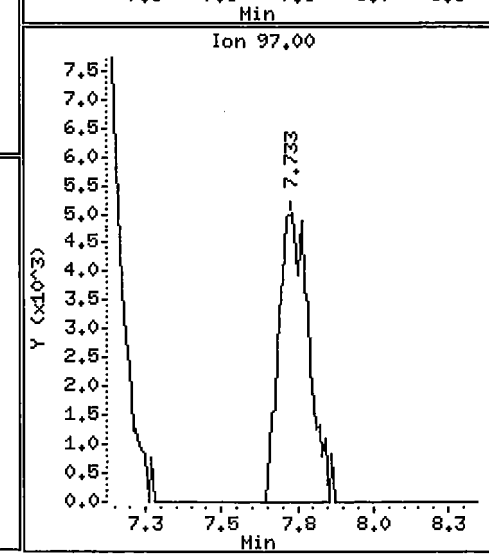












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13135.D

Date : 17-OCT-2000 22:54

Client ID: D13135

Instrument: md.i

Sample Info: DLJP6101,,2,,0,1,0,8260BDA.M,D13135

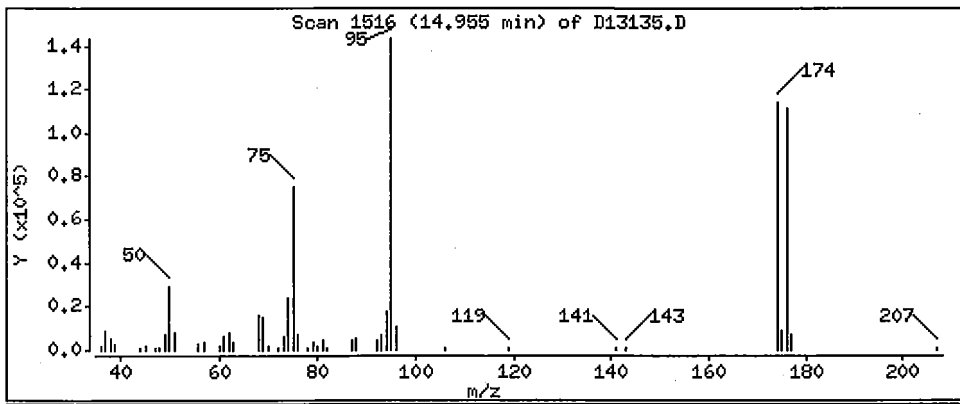
Operator: AD

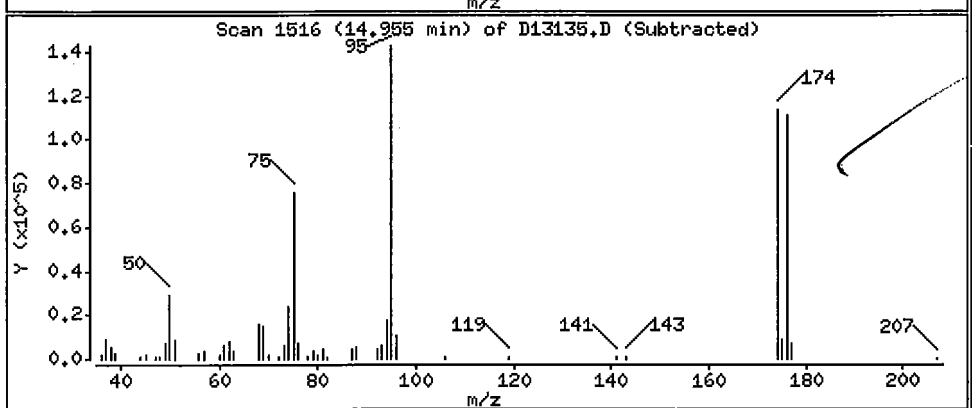
Column phase: J&W DB-624

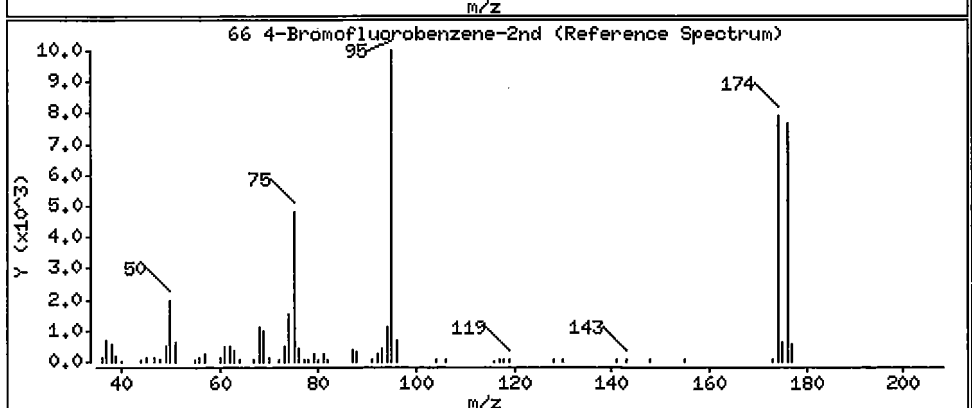
Column diameter: 0.53

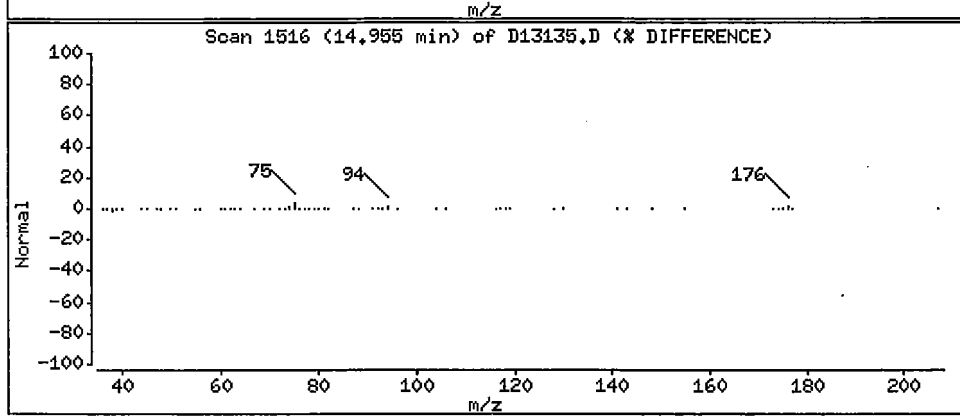
66 4-Bromofluorobenzene-2nd

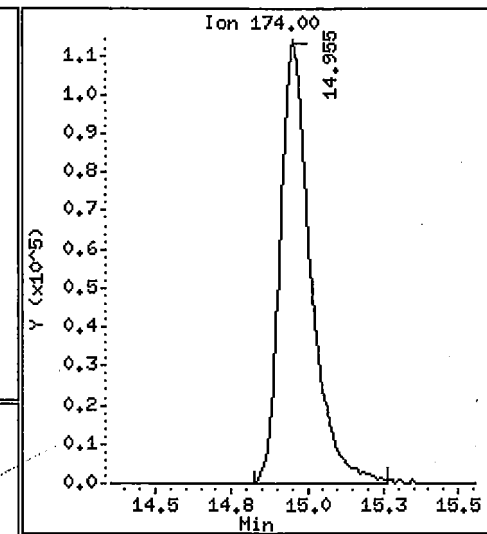
Concentration: 46.02 ug/Kg

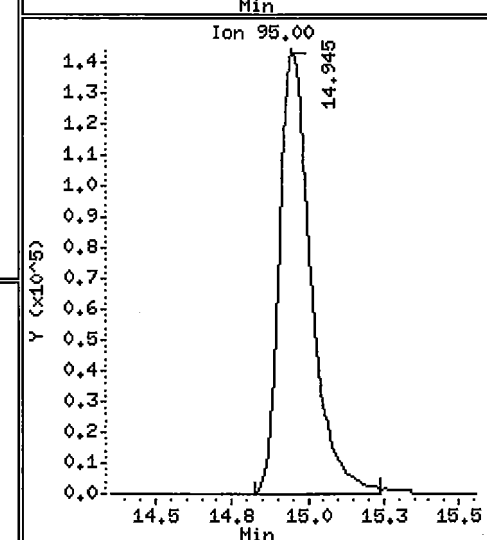


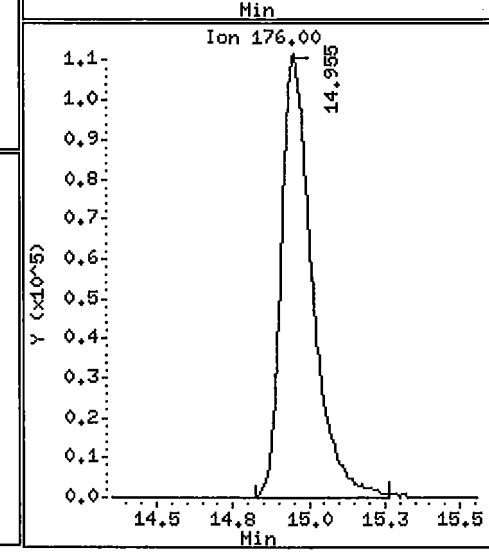












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13135.D

Date : 17-OCT-2000 22:54

Client ID: D13135

Instrument: md.i

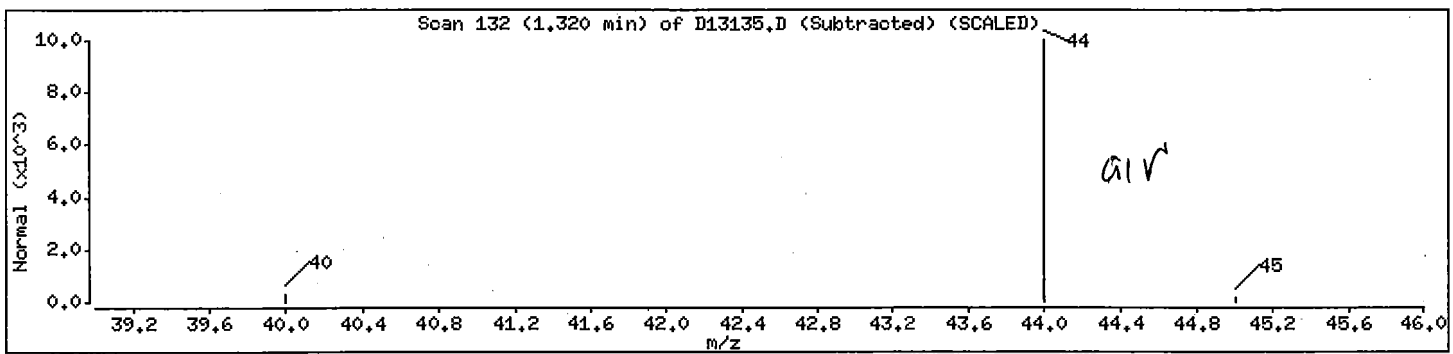
Sample Info: DLJP6101,,2,,0,1,0,8260BDA.M,D13135

Operator: AD

Column phase: J&W DB-624

Column diameter: 0.53

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1017BD.B\D13136.D
Lab Smp Id: DLJP8101 Client Smp ID: D13136
Inj Date : 17-OCT-2000 23:26
Operator : AD Inst ID: md.i
Smp Info : DLJP8101,,2,,0,1,0,8260BDA.M,D13136
Misc Info : E0J040325-37,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.883	2.873	(0.406)	11462	7.67570	7.68
$ 29 Dibromofluoromethane	111	5.976	5.996	(0.842)	913668	47.6222	47.62
$ 33 1,2-Dichloroethane-d4	65	6.518	6.528	(0.918)	597352	46.1273	46.13
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.528	(0.918)	119801	45.8543	45.85
* 38 Fluorobenzene	96	7.099	7.100	(1.000)	1348840	50.0000	
39 Trichloroethene	130	7.730	7.740	(1.089)	41684	3.30657	3.31(aQ)
$ 47 Toluene-d8	98	9.917	9.927	(0.786)	1270092	44.7465	44.75
* 56 Chlorobenzene-d5	117	12.617	12.617	(1.000)	1226114	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	811132	46.5571	46.56
$ 67 4-Bromofluorobenzene	95	14.952	14.952	(0.866)	1059020	45.5429	45.54
* 79 1,4-Dichlorobenzene-d4	152	17.257	17.267	(1.000)	874968	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\1017BD.B\D13136.D
Lab Smp Id: DLJP8101 Client Smp ID: D13136
Inj Date : 17-OCT-2000 23:26
Operator : AD Inst ID: md.i
Smp Info : DLJP8101,,2,,0,1,0,8260BDA.M,D13136
Misc Info : E0J040325-37,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	3099666	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	489873	7.90203464	7.90	0		0	38

STL Los Angeles

TARGET COMPOUNDS

Client Name:
Lab Smp Id: DLJP8101
Sample Location:
Sample Date:
Sample Matrix: SOIL
Analysis Type: VOA
Data Type: MS DATA
Misc Info: E0J040325-37,,5,,0,ALL.SUB

Client SDG: SDGa54651
Client Smp ID: D13136
Sample Point:
Date Received:
Quant Type: ISTD
Level: LOW
Operator: AD

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ug/Kg	Q
135-98-8	sec-Butylbenzene	5.00	U
541-73-1	1,3-Dichlorobenzene	5.00	U
106-46-7	1,4-Dichlorobenzene	5.00	U
99-87-6	p-Isopropyltoluene	5.00	U
95-50-1	1,2-Dichlorobenzene	5.00	U
104-51-8	n-Butylbenzene	5.00	U
96-12-8	1,2-Dibromo-3-chloropropane	5.00	U
120-82-1	1,2,4-Trichlorobenzene	5.00	U
87-68-3	Hexachlorobutadiene	5.00	U
91-20-3	Napthalene	5.00	U
87-61-6	1,2,3-Trichlorobenzene	5.00	U
1868-53-7	Dibromofluoromethane	47.62	
17060-07-0	1,2-Dichloroethane-d4	46.13	
2037-26-5	Toluene-d8	44.75	
460-00-4	4-Bromofluorobenzene	45.54	

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TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJP8101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13136
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

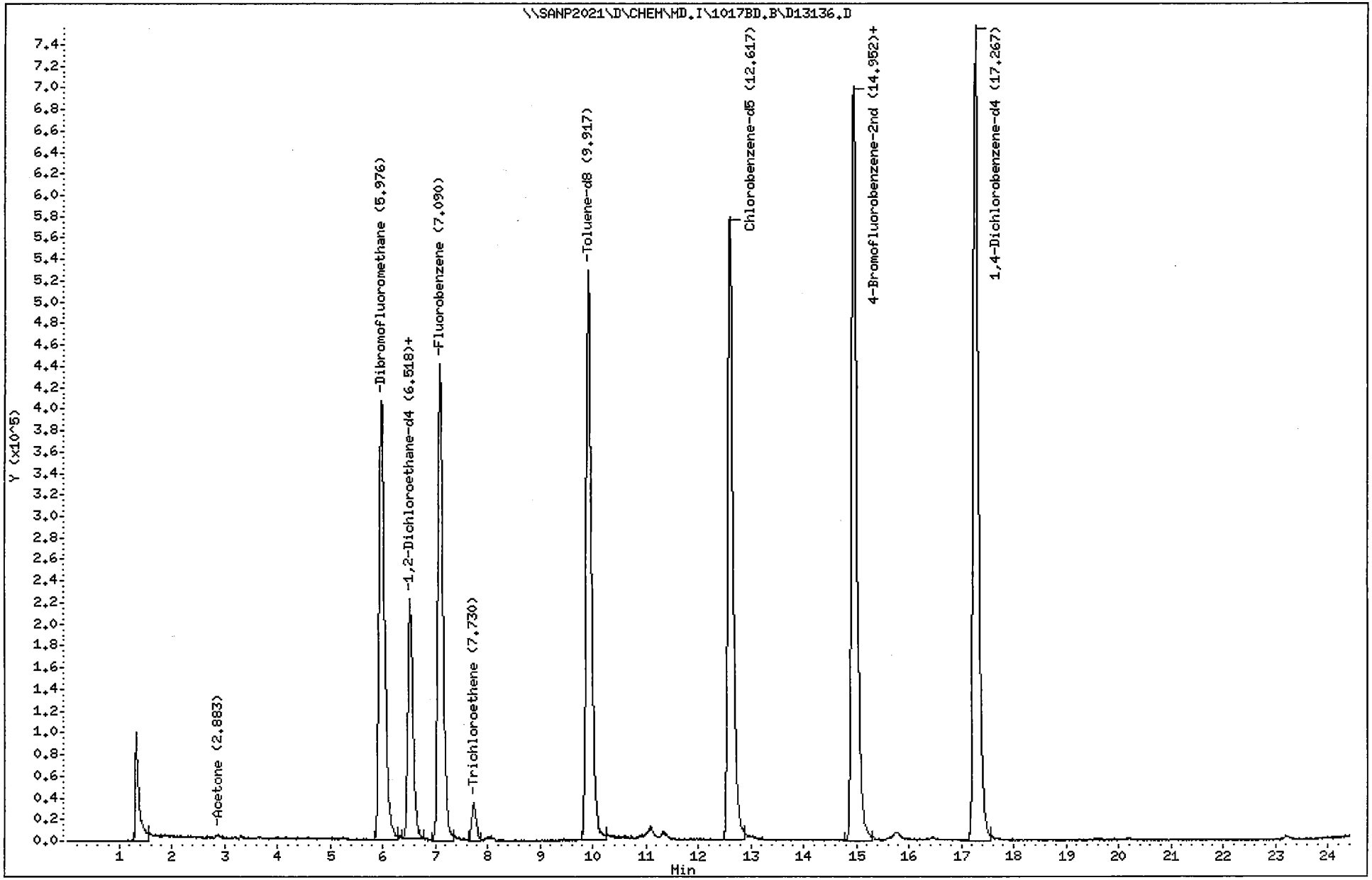
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	~~Unknown~~ G1	1.316	7.90	J

Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13136.D
Date : 17-OCT-2000 23:26
Client ID: D13136
Sample Info: DLJP8101,,2,,0,1,0,8260BDA.M,D13136

Column phase: J&W DB-624

Instrument: md.i

Operator: AD
Column diameter: 0.53



000746

BOE-C6-0170031

Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13136.D

Date : 17-OCT-2000 23:26

Client ID: D13136

Instrument: md.i

Sample Info: DLJP8101,,2,,0,1,0,8260BDA.M,D13136

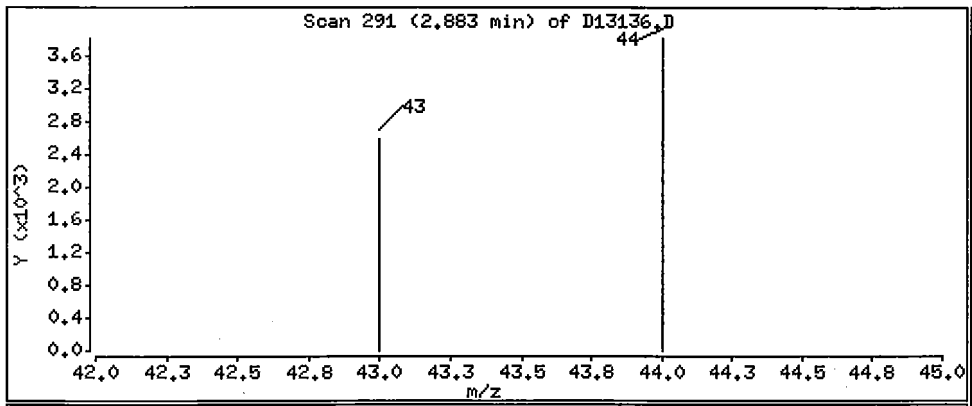
Operator: AD

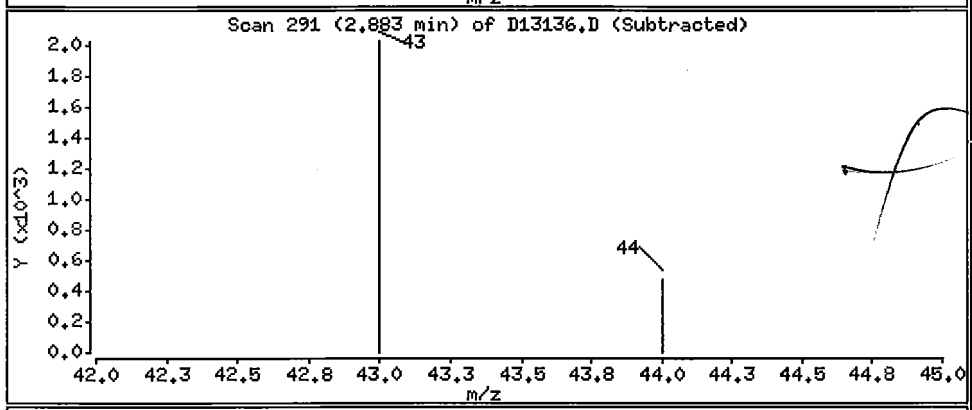
Column phase: J&W DB-624

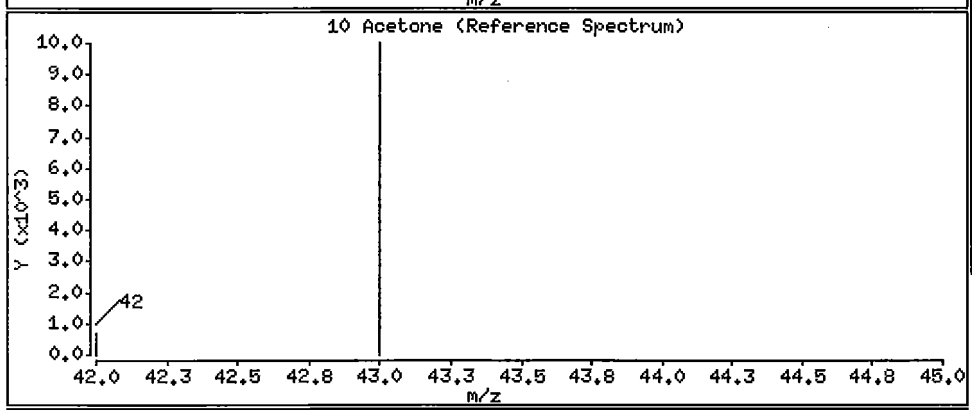
Column diameter: 0.53

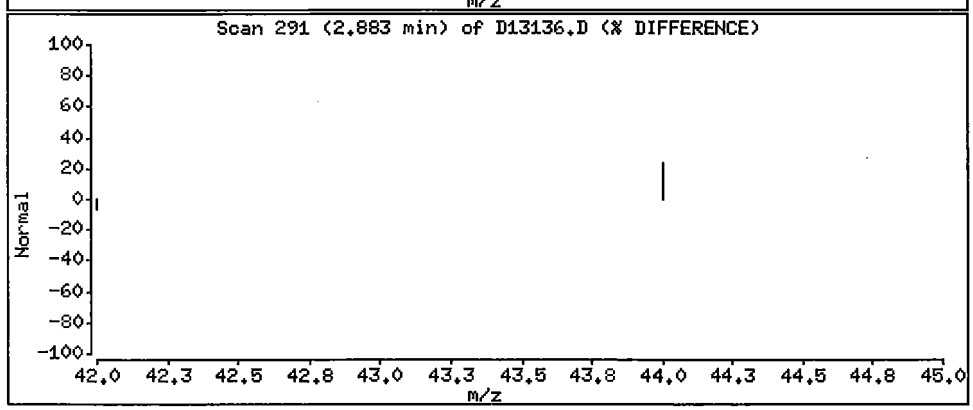
10 Acetone

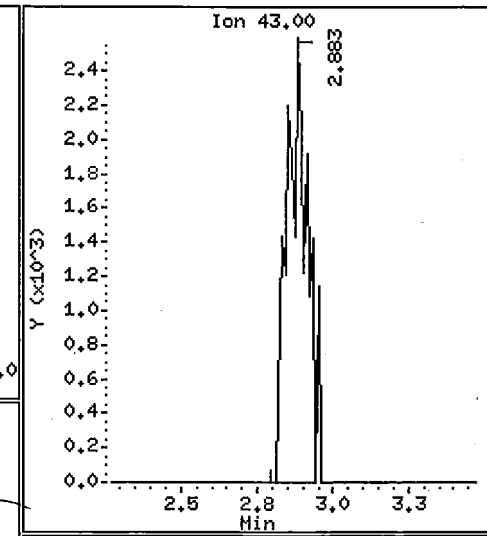
Concentration: 7.68 ug/Kg

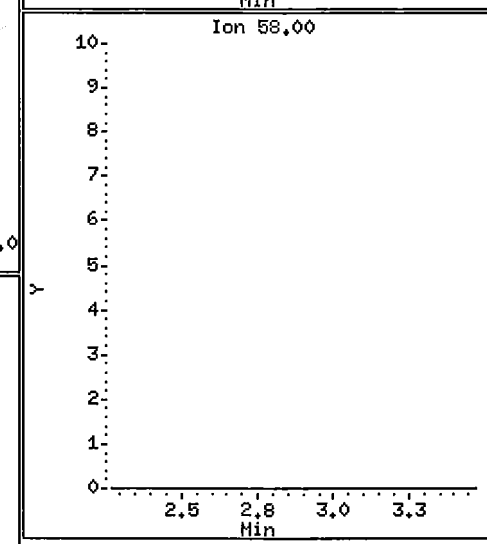












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13136.D

Date : 17-OCT-2000 23:26

Client ID: D13136

Instrument: md.i

Sample Info: DLJP8101,,2,,0,1,0,8260BDA,M,D13136

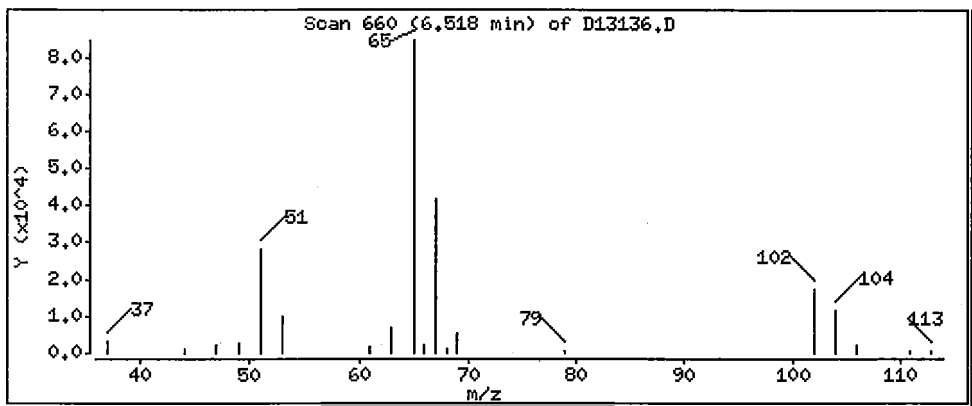
Operator: AD

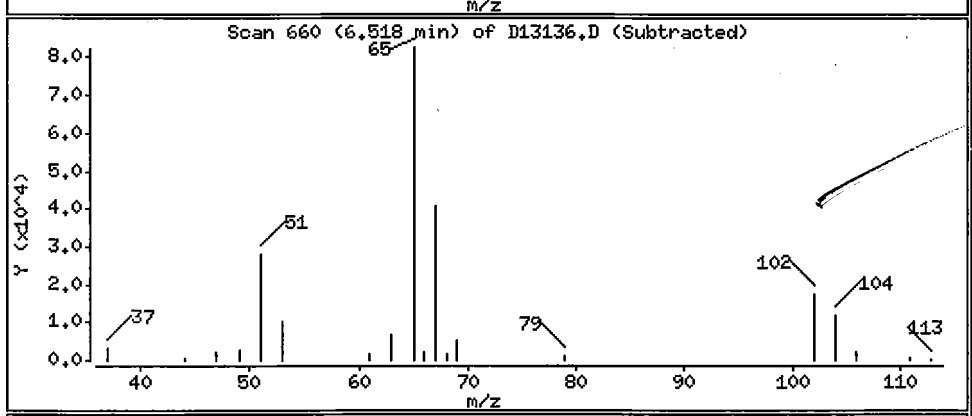
Column phase: J&W DB-624

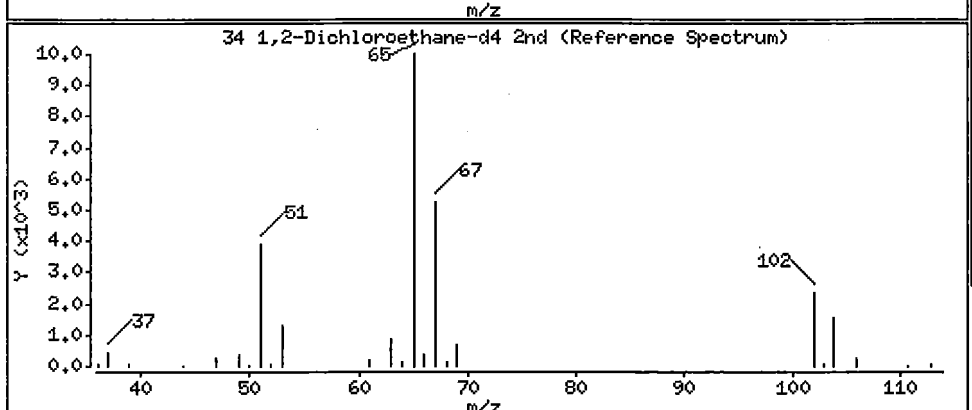
Column diameter: 0.53

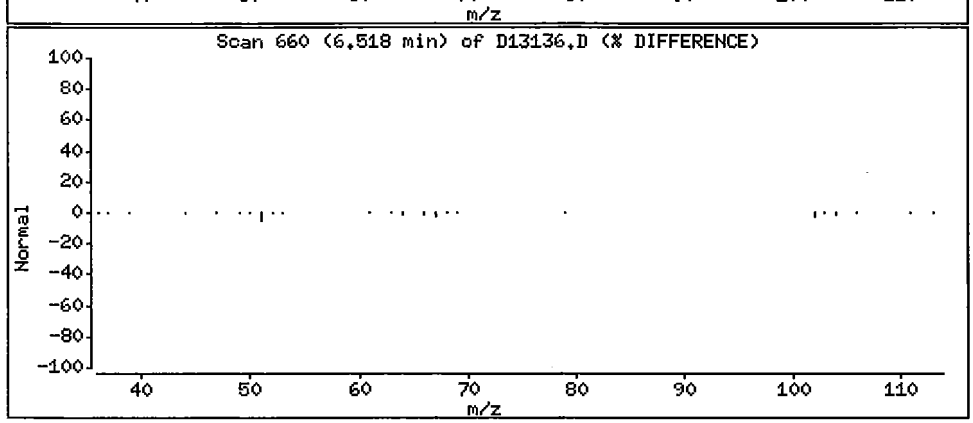
34 1,2-Dichloroethane-d4 2nd

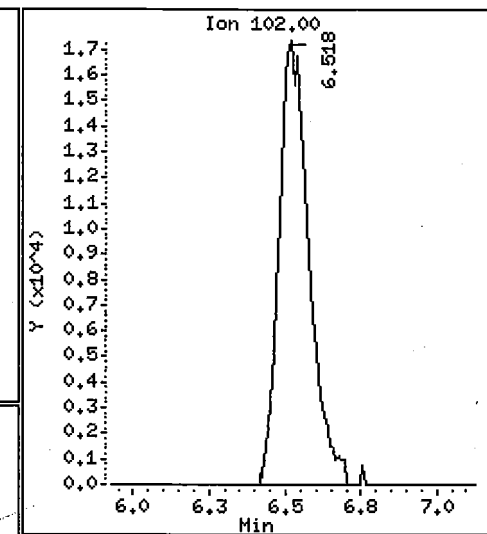
Concentration: 45.85 ug/Kg

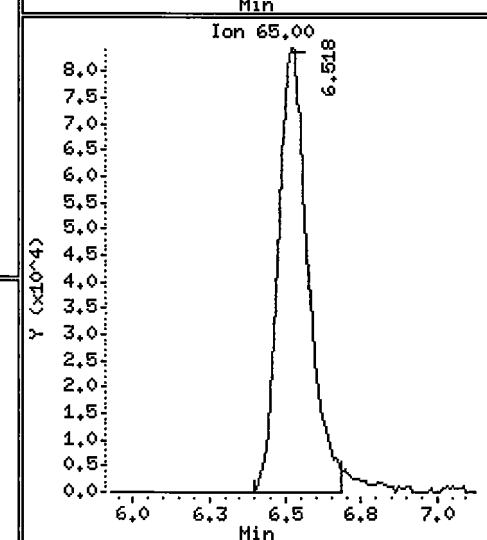












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13136.D

Date : 17-OCT-2000 23:26

Client ID: D13136

Instrument: md.i

Sample Info: DLJP8101,,2,,0,1,0,8260BDA.M,D13136

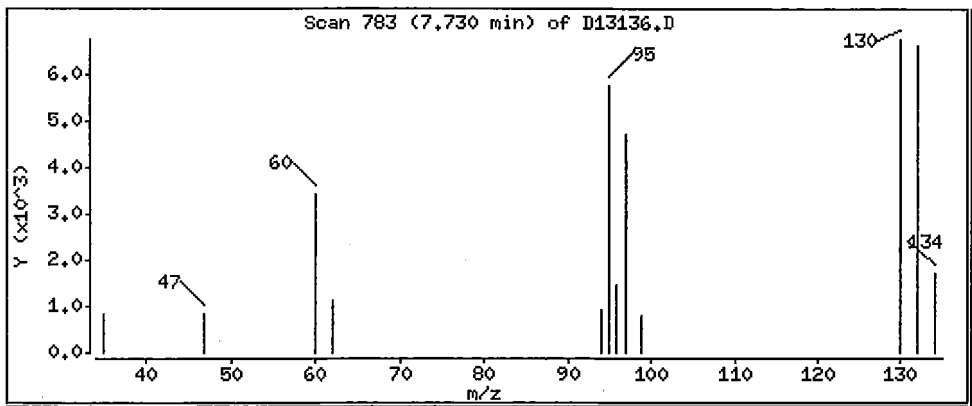
Operator: AD

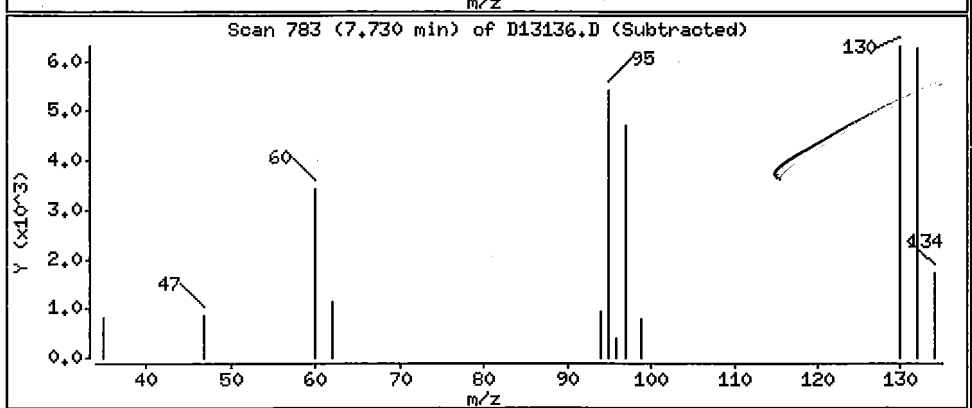
Column phase: J&W DB-624

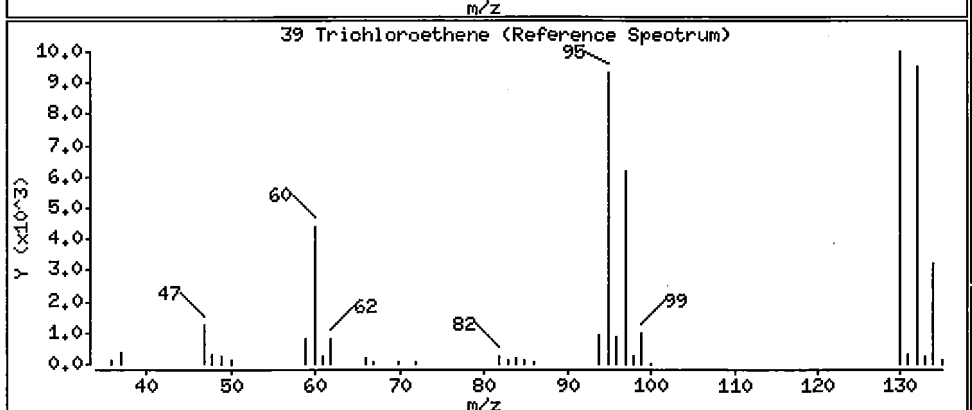
Column diameter: 0.53

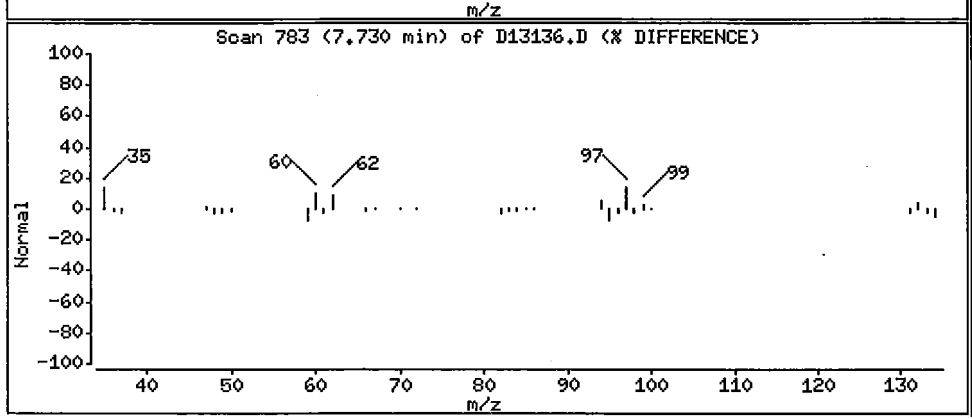
39 Trichloroethene

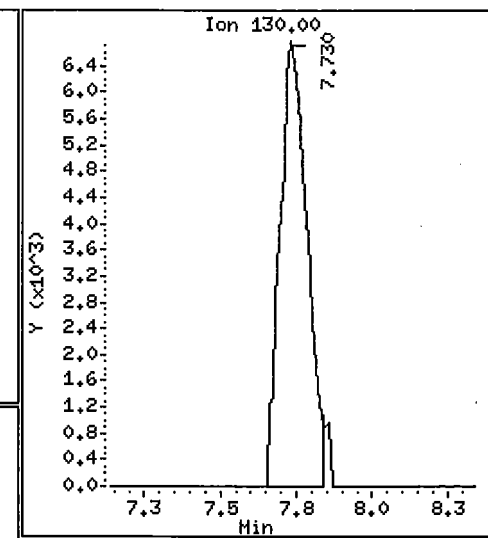
Concentration: 3.31 ug/Kg

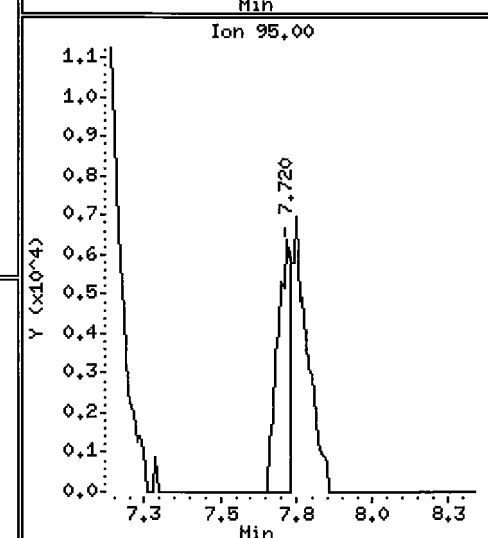


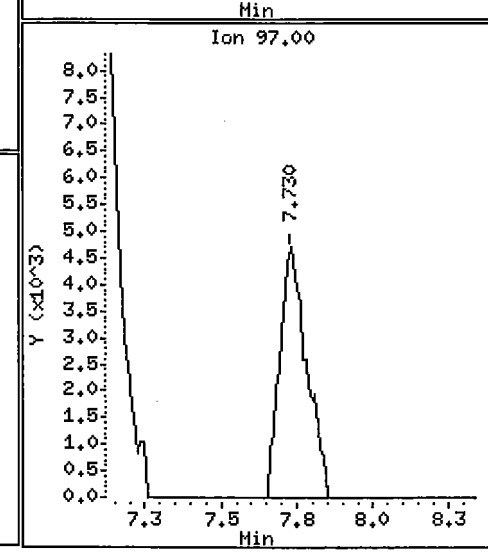












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13136.D

Date : 17-OCT-2000 23:26

Client ID: D13136

Instrument: md.i

Sample Info: DLJP8101,,2,,0,1,0,8260BDA.M,D13136

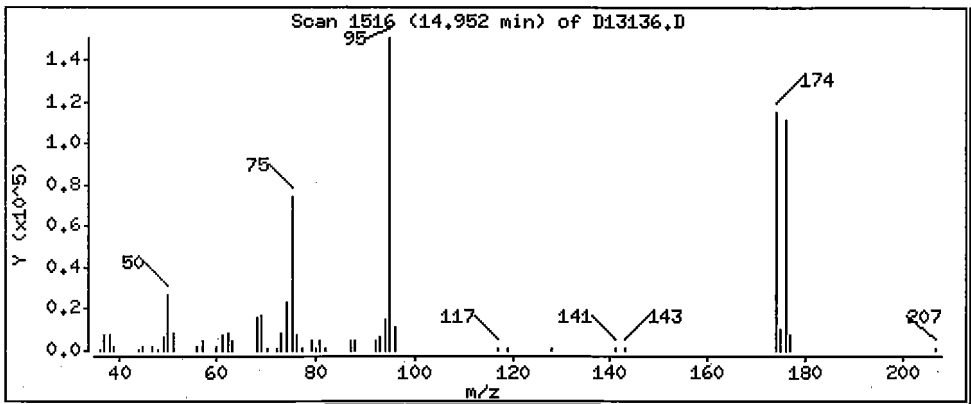
Operator: AD

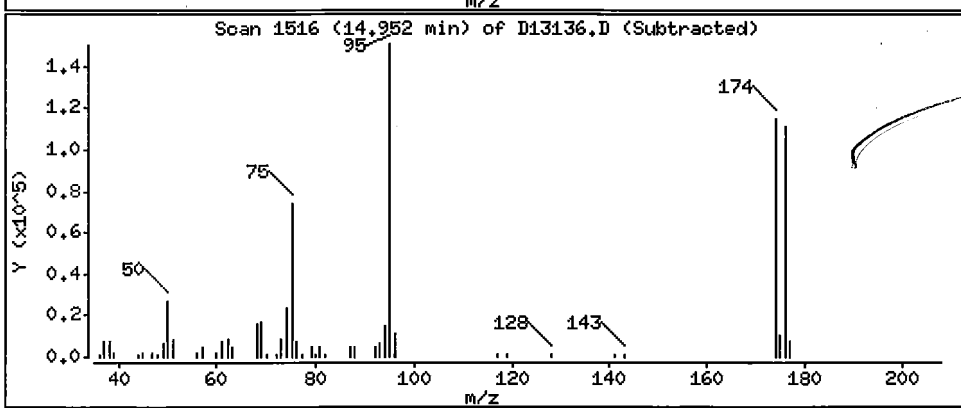
Column phase: J&W DB-624

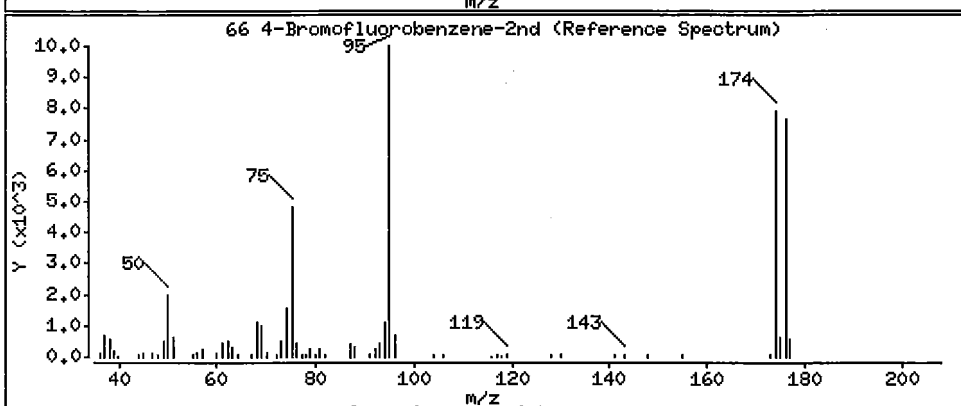
Column diameter: 0.53

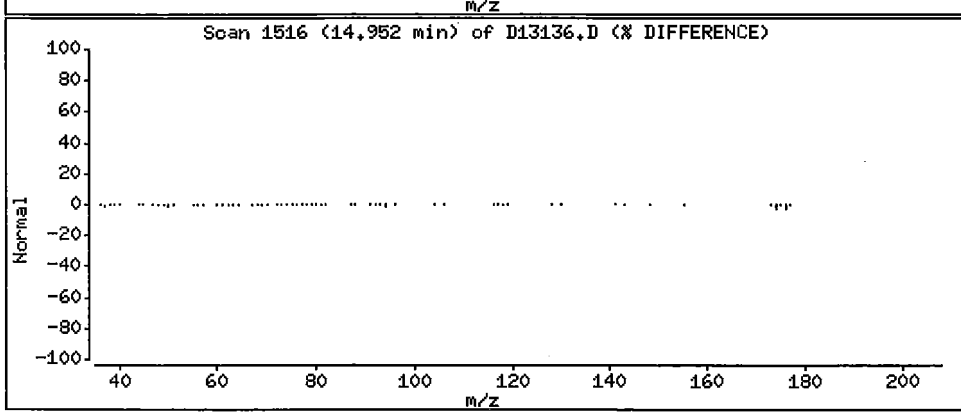
66 4-Bromofluorobenzene-2nd

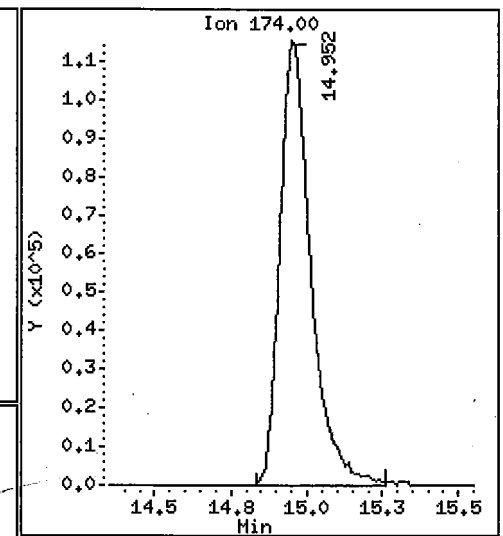
Concentration: 46.56 ug/Kg

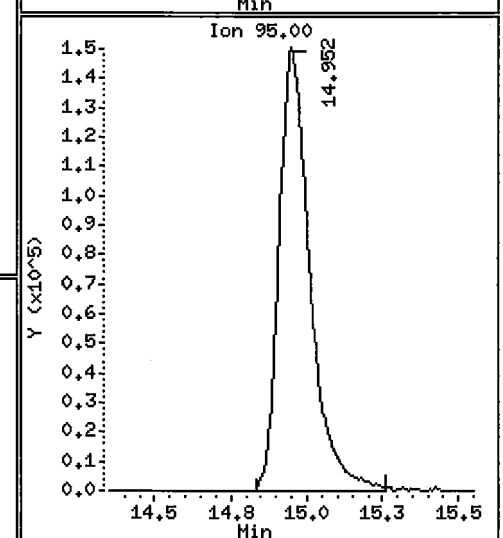


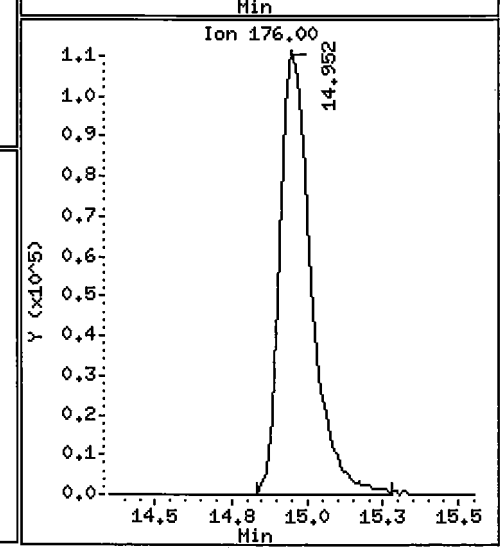












Data File: \\SANP2021\D\CHEM\MD.I\1017BD.B\D13136.D

Date : 17-OCT-2000 23:26

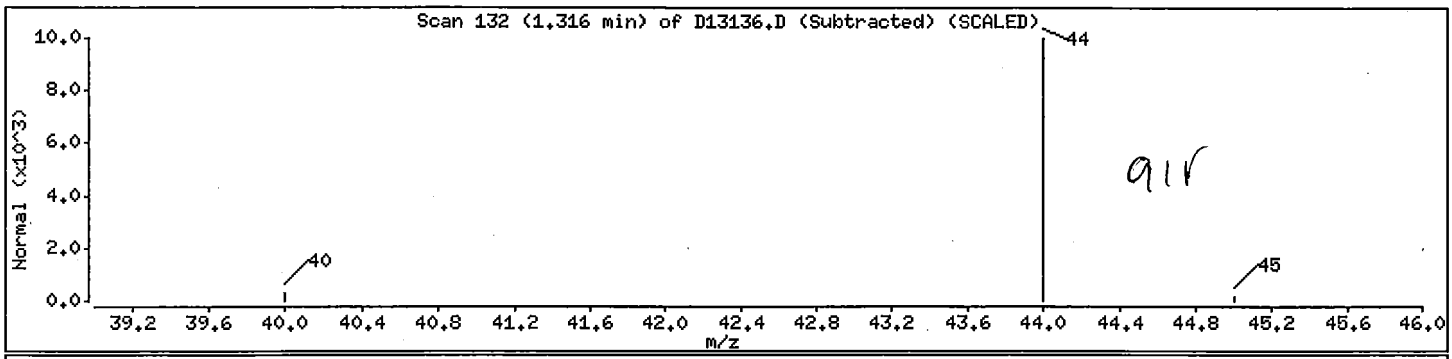
Client ID: D13136 Instrument: md.i

Sample Info: DLJP8101,,2,,0,1,0,8260BDA.M,D13136

Operator: AD

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

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



STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1017BD.B\D13139.D
Lab Smp Id: DLJP9101 Client Smp ID: D13139
Inj Date : 18-OCT-2000 01:01
Operator : AD Inst ID: md.i
Smp Info : DLJP9101,,2,,0,1,0,8260BDA.M,D13139
Misc Info : E0J040325-38,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
10 Acetone	43	2.894	2.873	(0.408)	11084	7.36208	7.36
13 Methylene chloride	84	3.337	3.336	(0.471)	8322	1.06943	1.07(a)
$ 29 Dibromofluoromethane	111	5.968	5.996	(0.842)	897160	46.3810	46.38
$ 33 1,2-Dichloroethane-d4	65	6.510	6.528	(0.918)	592534	45.3827	45.38
34 1,2-Dichloroethane-d4 2nd	102	6.510	6.528	(0.918)	121328	46.0603	46.06
* 38 Fluorobenzene	96	7.091	7.100	(1.000)	1359912	50.0000	
39 Trichloroethene	130	7.722	7.740	(1.089)	275648	21.6873	21.69
$ 47 Toluene-d8	98	9.919	9.927	(0.787)	1288194	45.4342	45.43
48 Toluene (*)	91	10.047	10.036	(0.797)	50234	1.67800	1.68(a)
* 56 Chlorobenzene-d5	117	12.609	12.617	(1.000)	1224766	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.943	14.952	(0.866)	783442	47.3254	47.32
$ 67 4-Bromofluorobenzene	95	14.943	14.952	(0.866)	1028343	46.5424	46.54
* 79 1,4-Dichlorobenzene-d4	152	17.259	17.267	(1.000)	831378	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\1017BD.B\D13139.D
Lab Smp Id: DLJP9101 Client Smp ID: D13139
Inj Date : 18-OCT-2000 01:01
Operator : AD Inst ID: md.i
Smp Info : DLJP9101,,2,,0,1,0,8260BDA.M,D13139
Misc Info : E0J040325-38,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1017BD.B\8260BDA.m
Meth Date : 17-Oct-2000 22:04 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.091	3158326	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.318	491635	7.78315456	7.78	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: DLJP9101
Operator : AD
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13139
Sample Date:
Sample Point:
Date Received:
Level: LOW

Number TICs found: 1

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

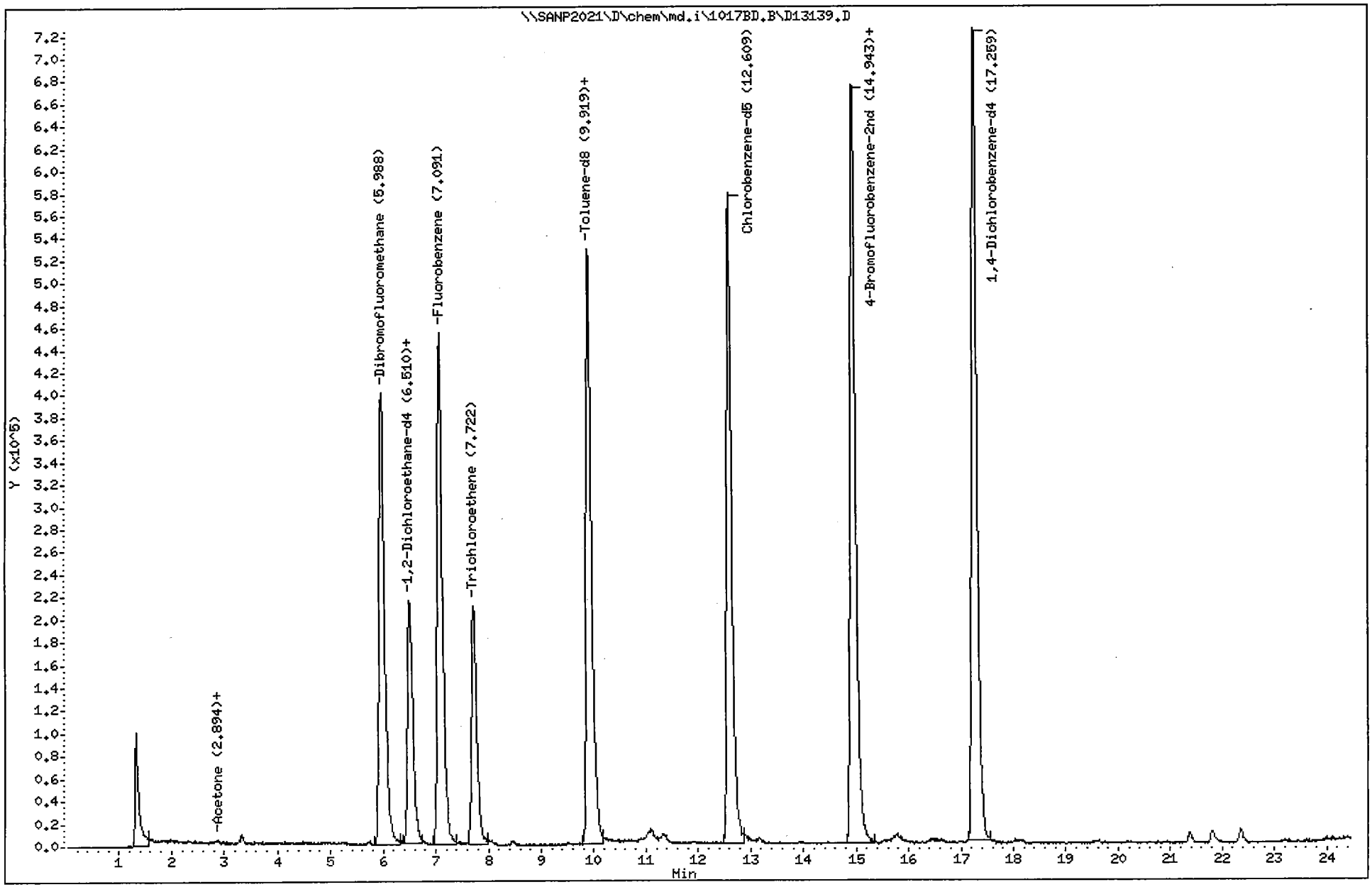
CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	Unknown	1.318	7.78	J

Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13139.D
Date : 18-OCT-2000 01:01
Client ID: D13139
Sample Info: DLJP9101,,2,,0,1,0,8260BDA.M,D13139

Instrument: md.i

Operator: AD
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0170041

000756

Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13139.D

Date : 18-OCT-2000 01:01

Client ID: D13139

Instrument: md.i

Sample Info: DLJP9101,,2,,0,1,0,8260BDA.M,D13139

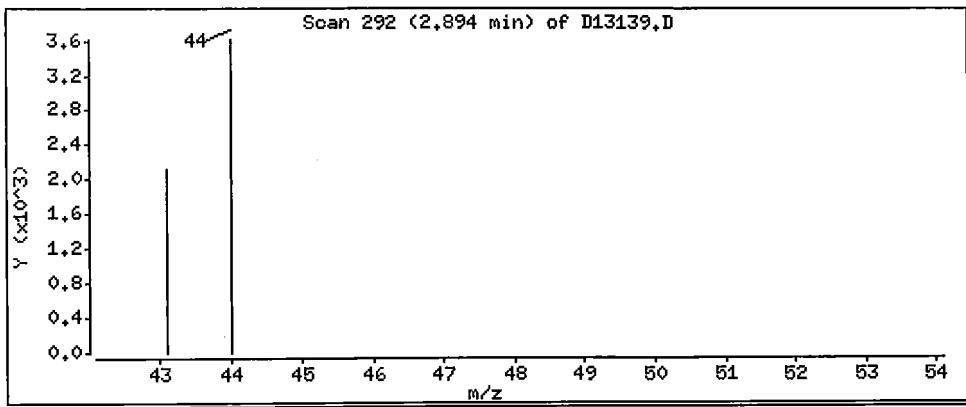
Operator: AD

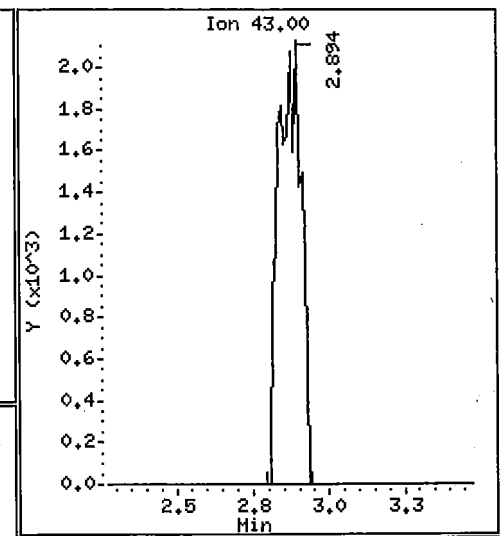
Column phase: J&W DB-624

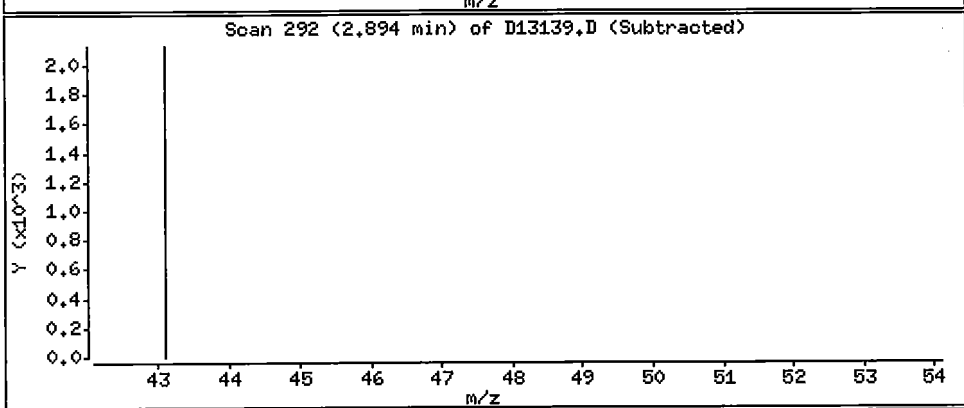
Column diameter: 0.53

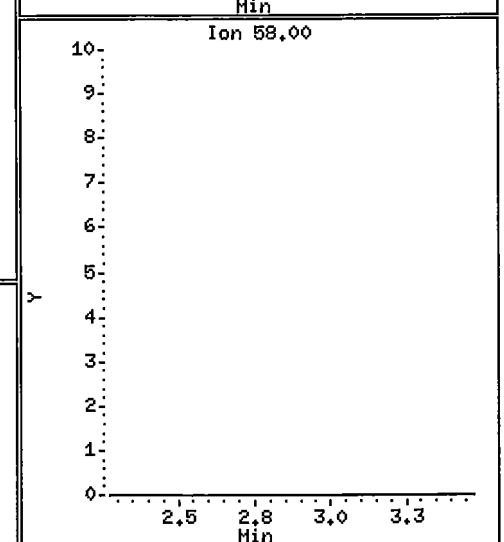
10 Acetone

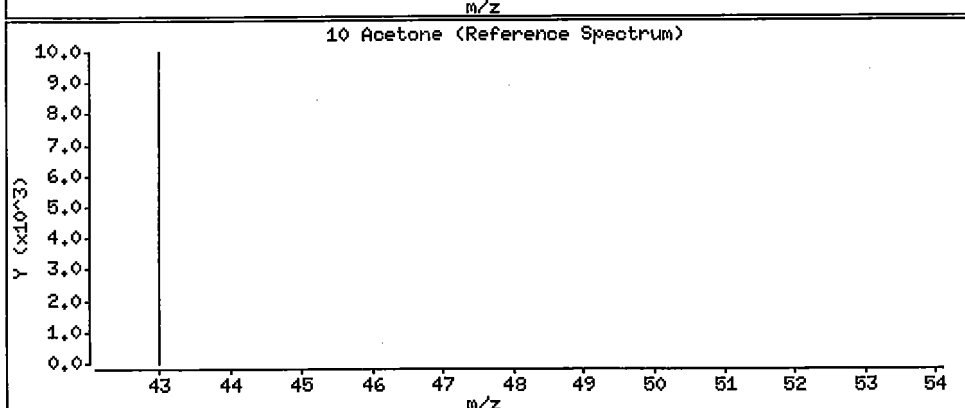
Concentration: 7.36 ug/Kg

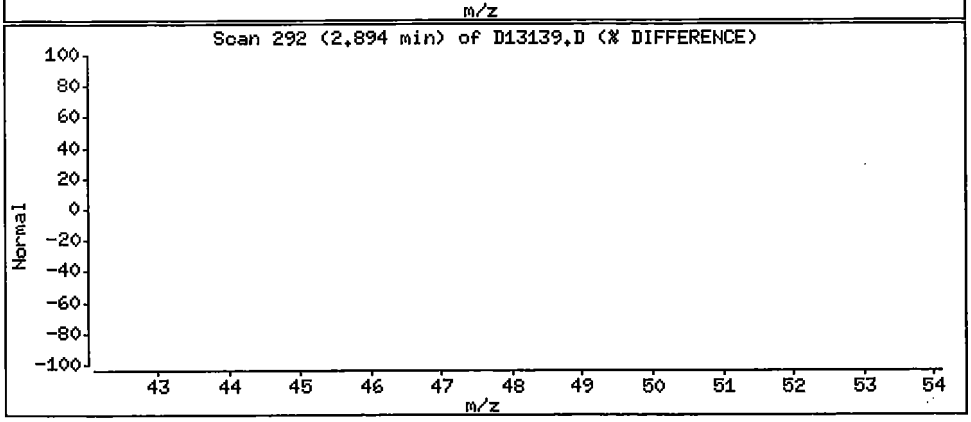












Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13139.D

Date : 18-OCT-2000 01:01

Client ID: D13139

Instrument: md.i

Sample Info: DLJP9101,,2,,0,1,0,8260BDA.M,D13139

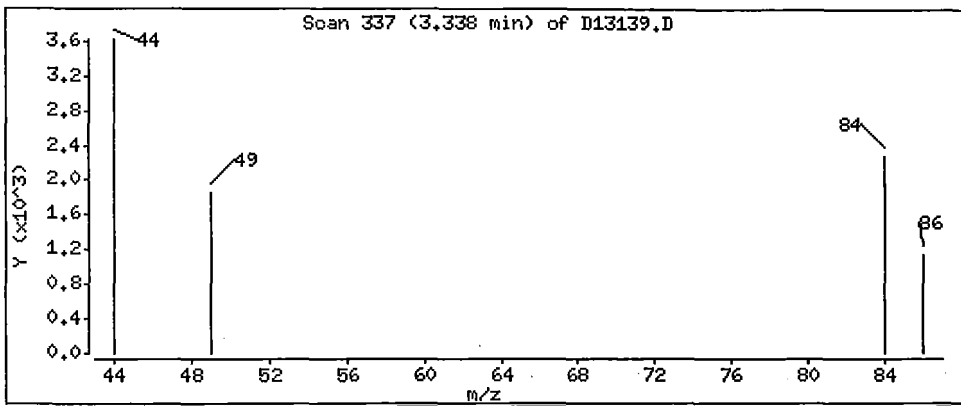
Operator: AD

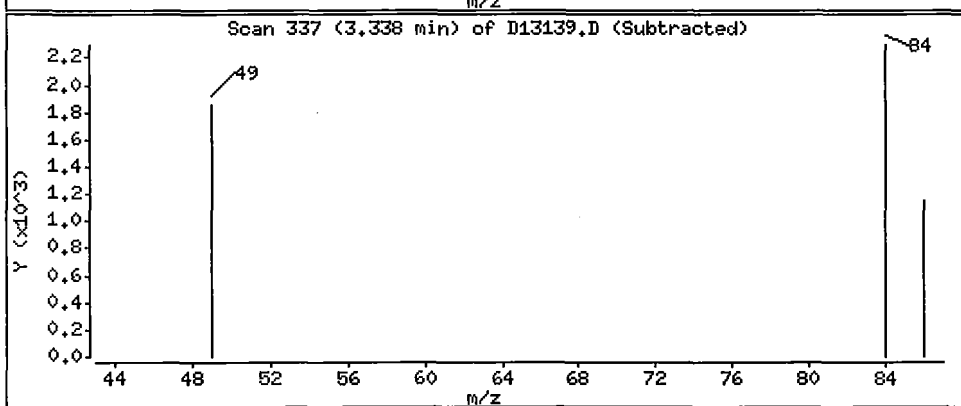
Column phase: J&W DB-624

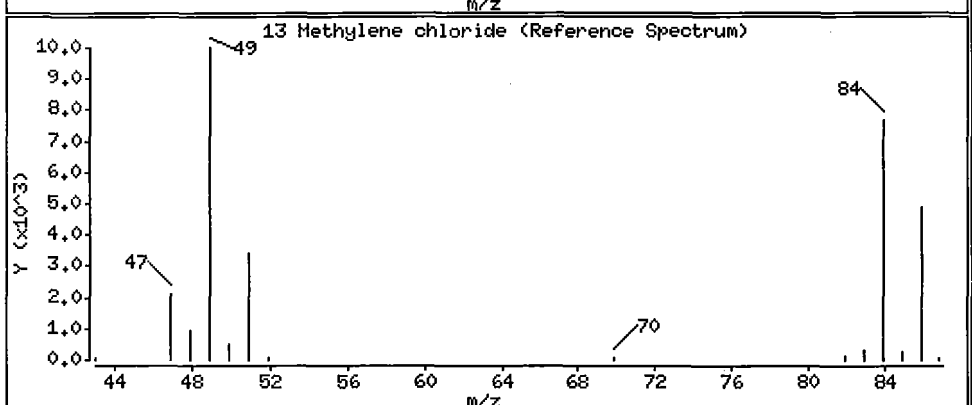
Column diameter: 0.53

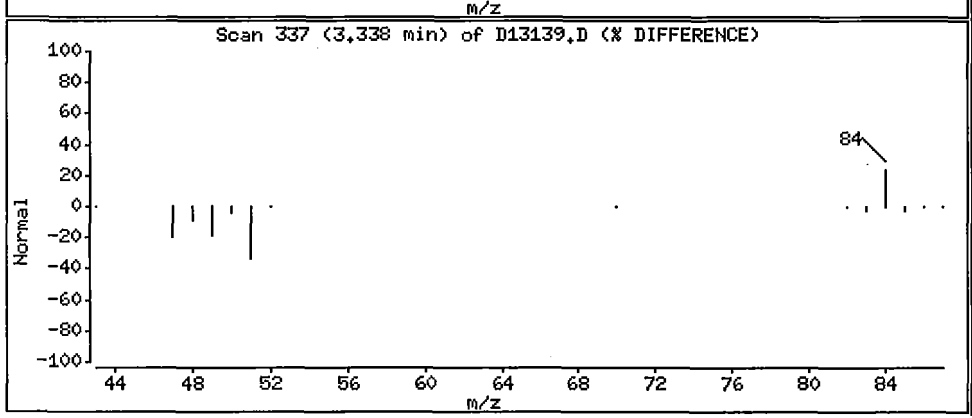
13 Methylene chloride

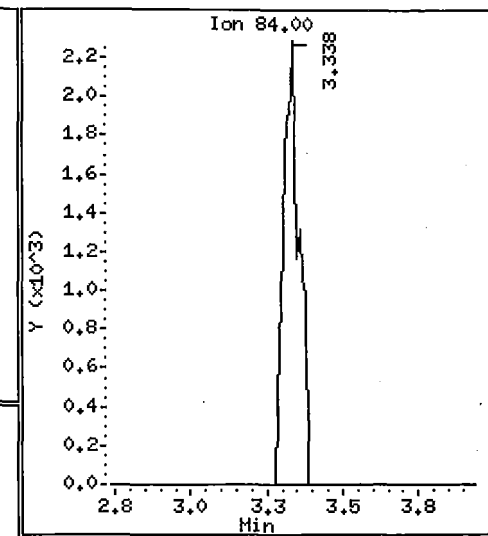
Concentration: 1.07 ug/Kg

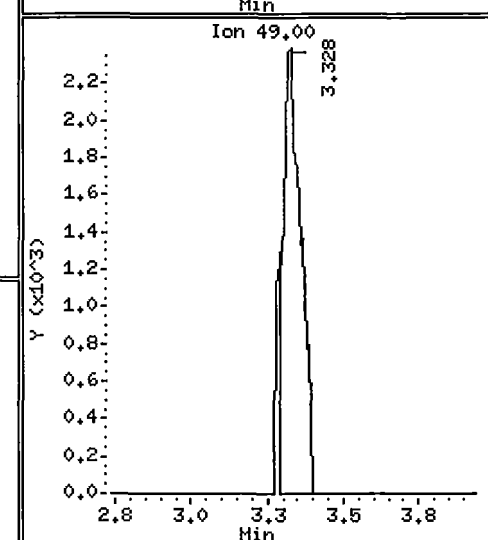


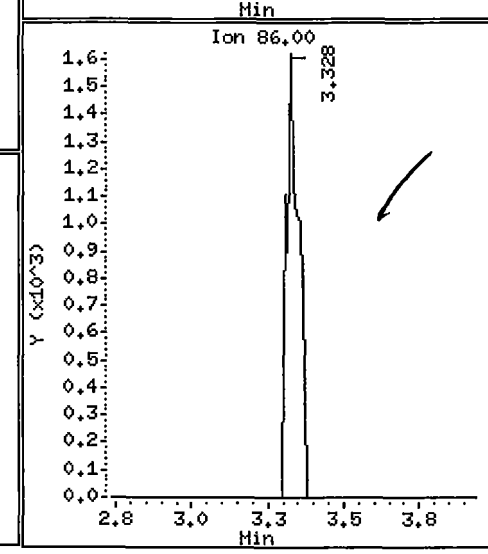












Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13139.D

Date : 18-OCT-2000 01:01

Client ID: D13139

Instrument: md.i

Sample Info: DLJP9101,,2,,0,1,0,8260BDA.M,D13139

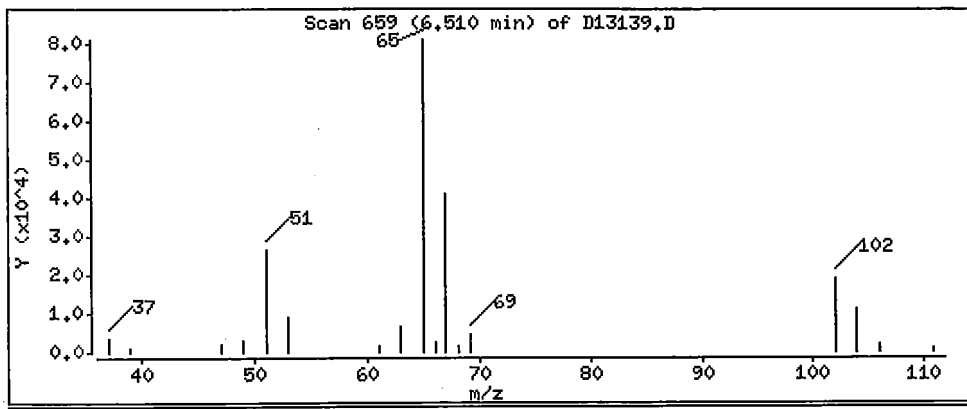
Operator: AD

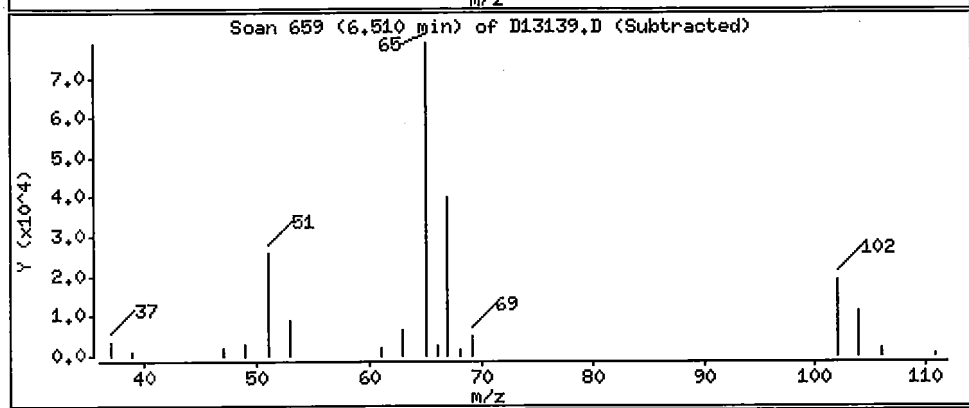
Column phase: J&W DB-624

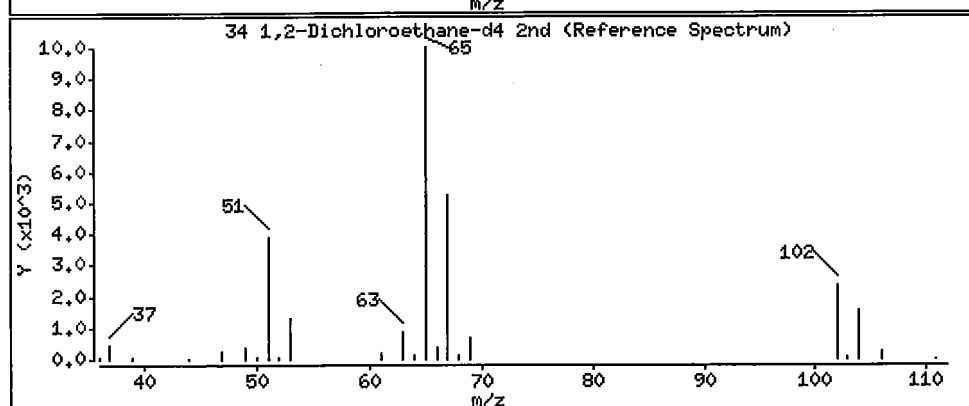
Column diameter: 0.53

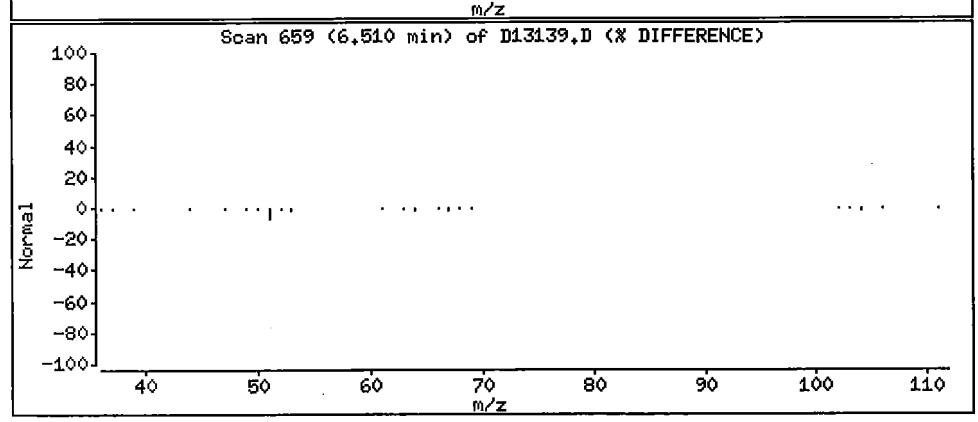
34 1,2-Dichloroethane-d4 2nd

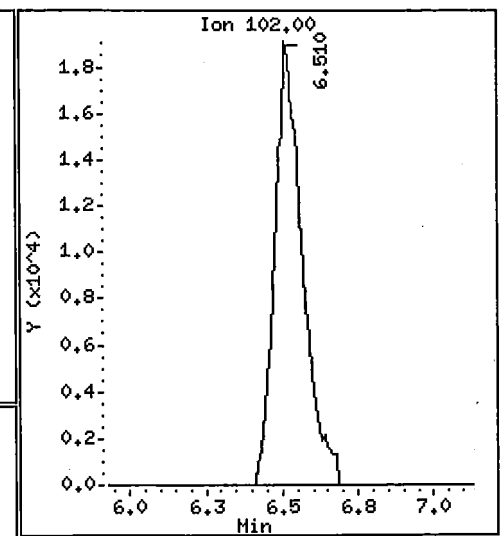
Concentration: 46.06 ug/Kg

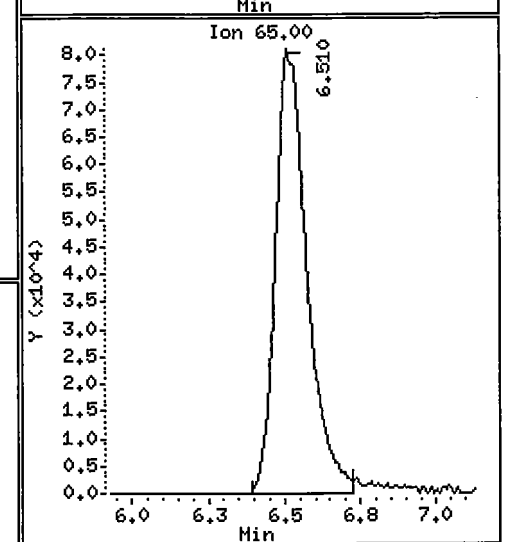












Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13139.D

Date : 18-OCT-2000 01:01

Client ID: D13139

Instrument: md.i

Sample Info: DLJP9101,,2,,0,1,0,8260BDA.M,D13139

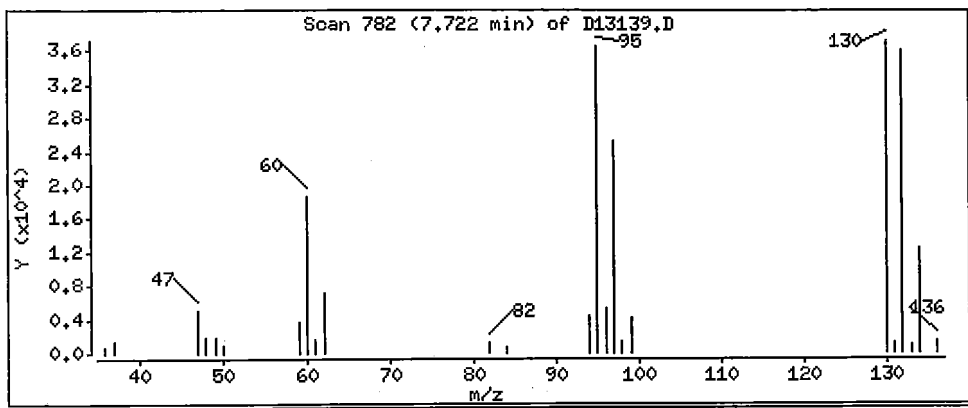
Operator: AD

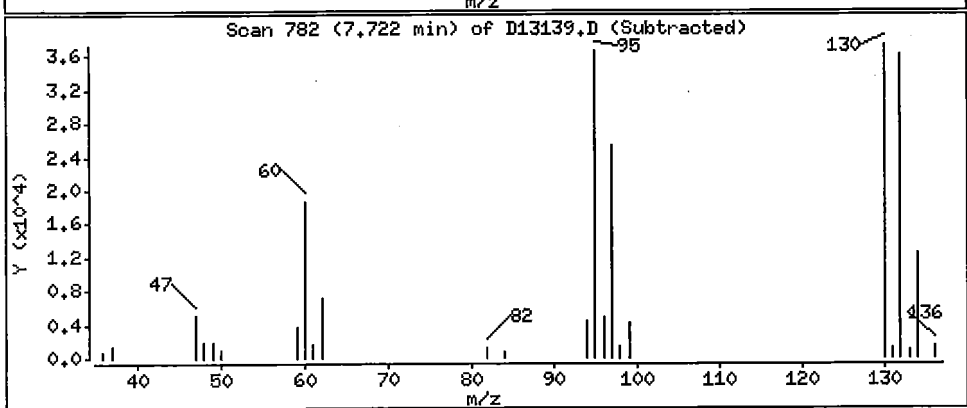
Column phase: J&W DB-624

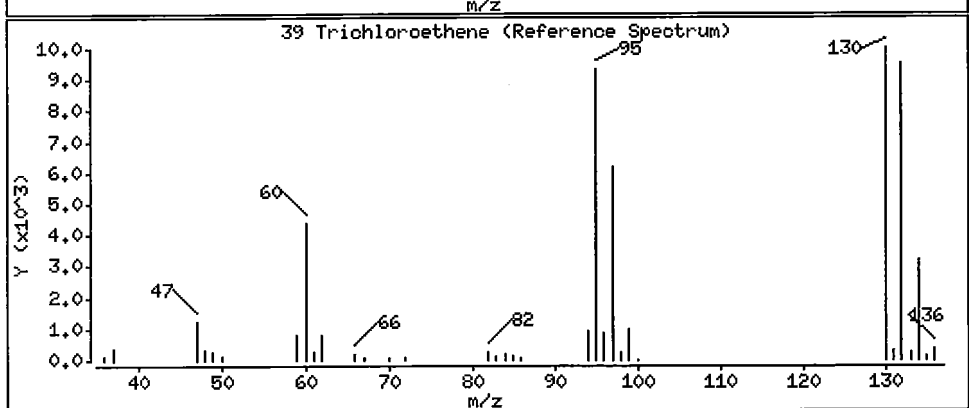
Column diameter: 0.53

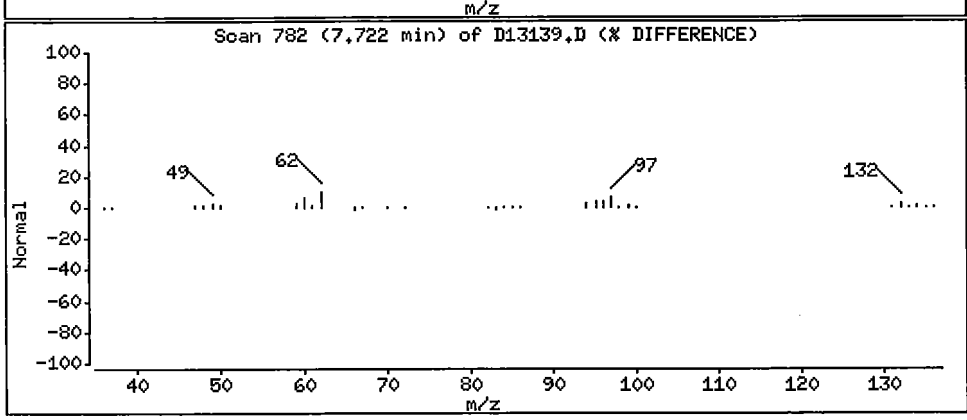
39 Trichloroethene

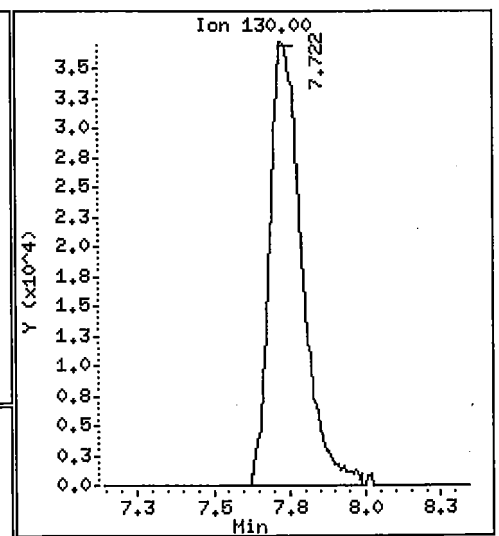
Concentration: 21.69 ug/Kg

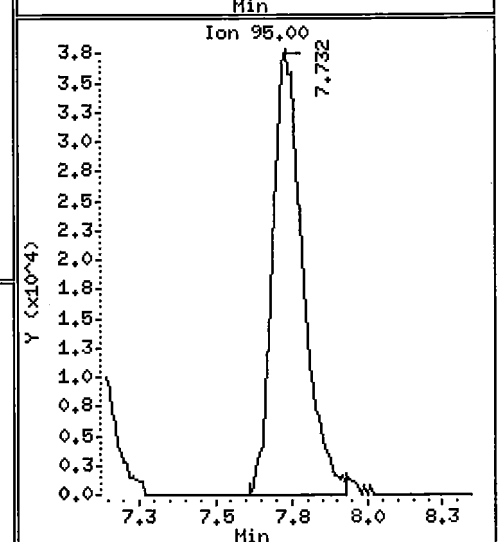


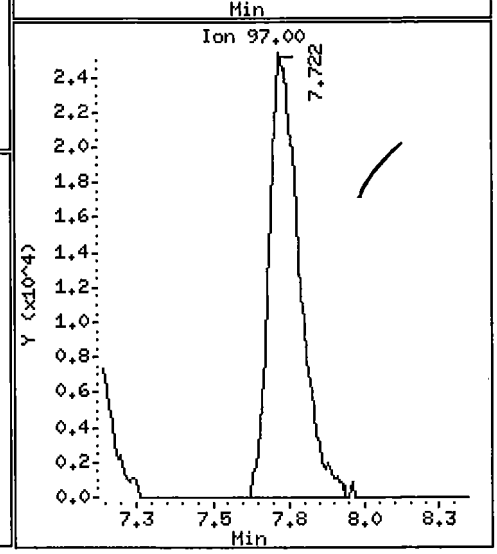












Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13139.D

Date : 18-OCT-2000 01:01

Client ID: D13139

Instrument: md.i

Sample Info: DLJP9101,,2,,0,1,0,8260BDA.M,D13139

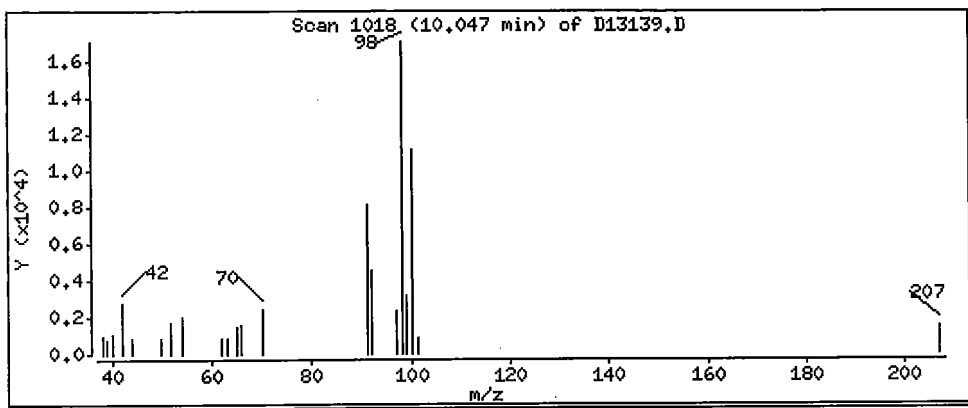
Operator: AD

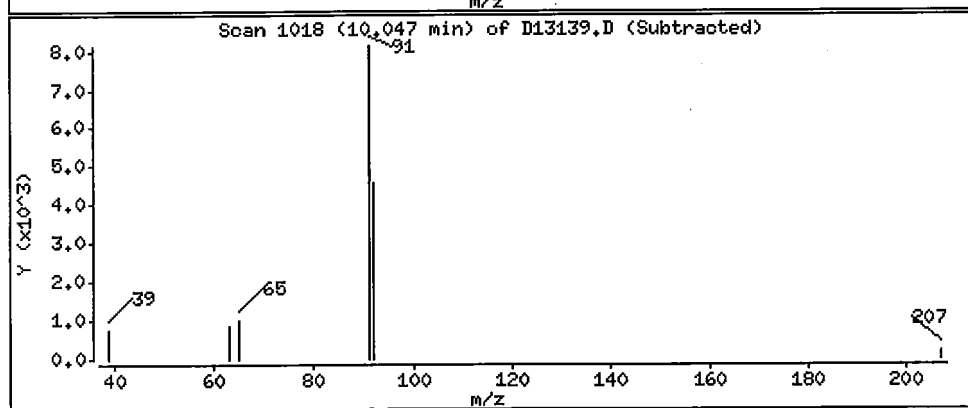
Column phase: J&W DB-624

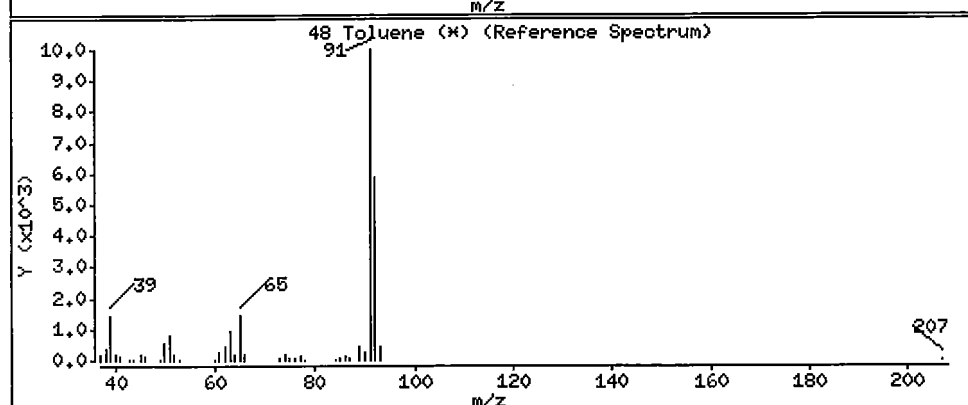
Column diameter: 0.53

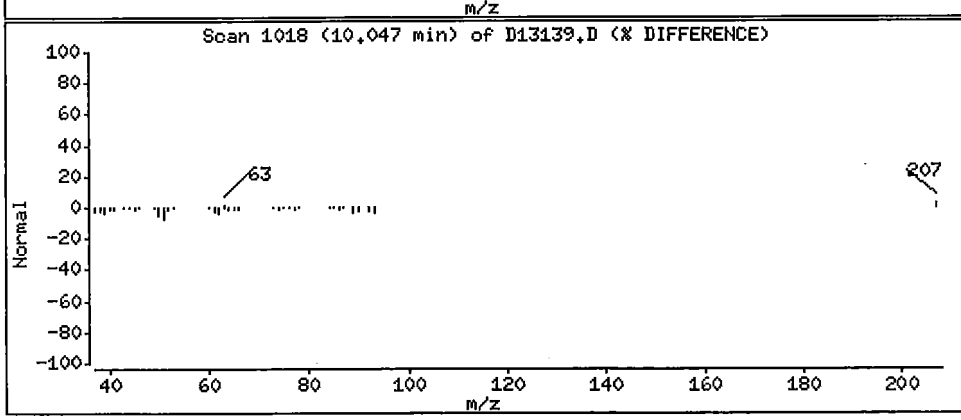
48 Toluene (*)

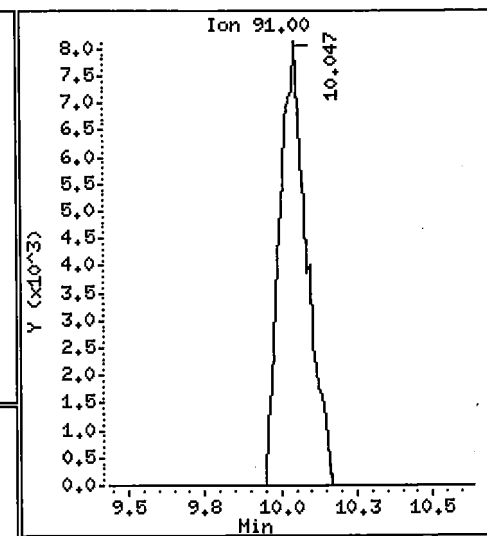
Concentration: 1.68 ug/Kg

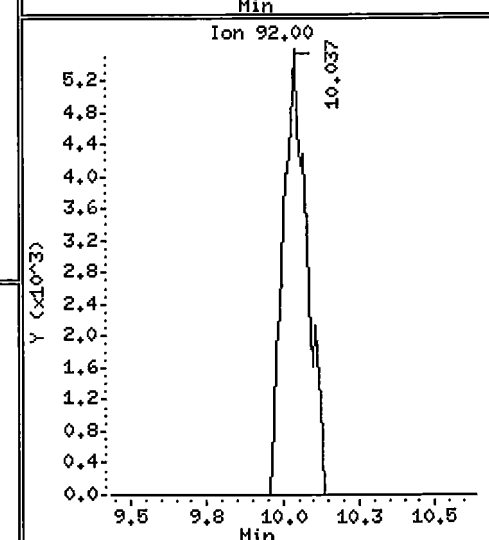


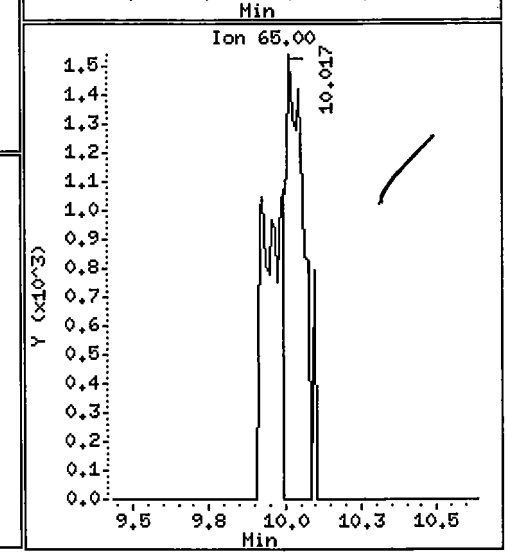












Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13139.D

Date : 18-OCT-2000 01:01

Client ID: D13139

Instrument: md.i

Sample Info: DLJP9101,,2,,0,1,0,8260BDA.M,D13139

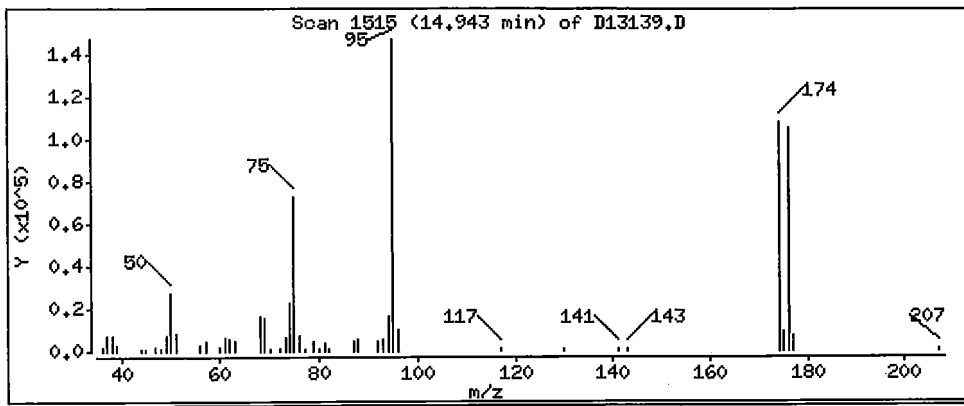
Operator: AD

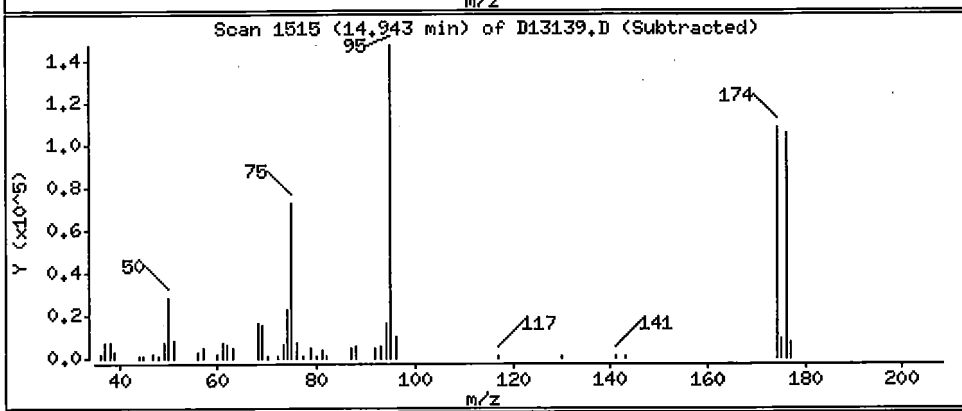
Column phase: J&W DB-624

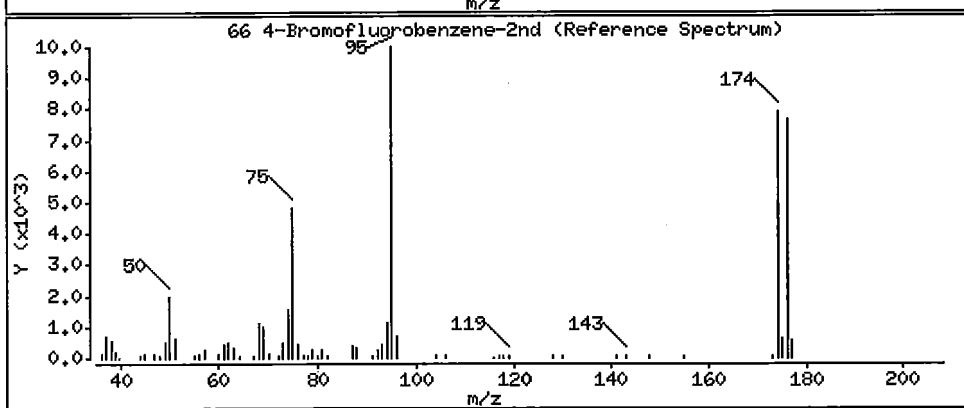
Column diameter: 0.53

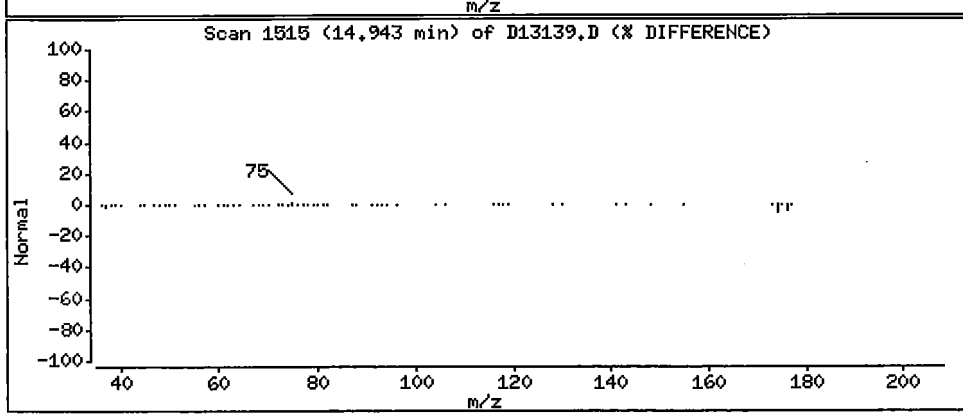
66 4-Bromofluorobenzene-2nd

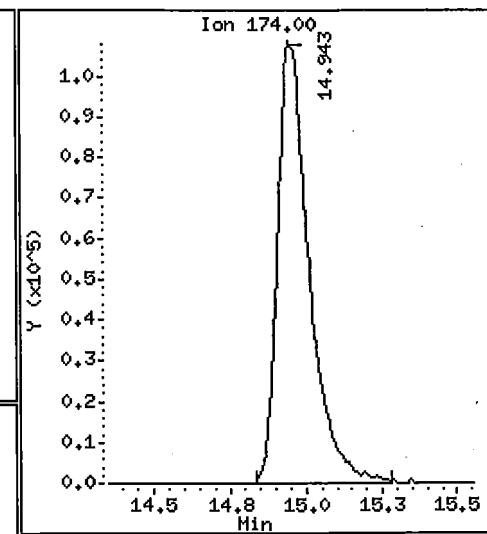
Concentration: 47.32 ug/Kg

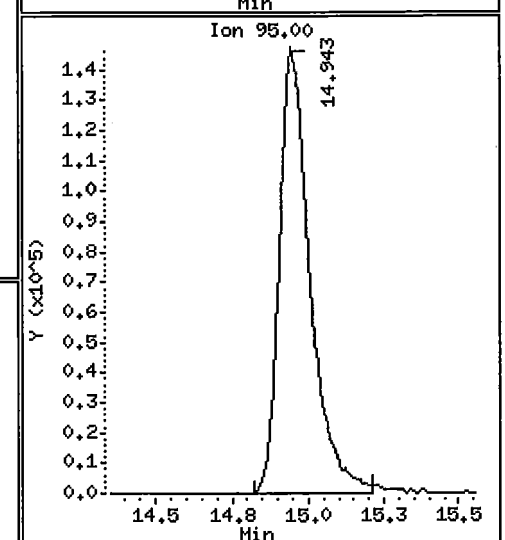


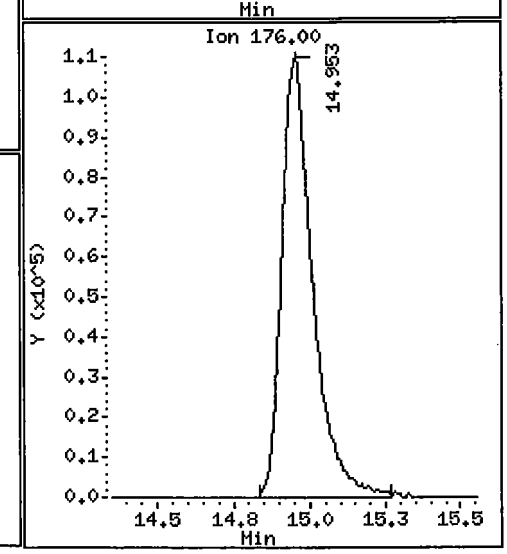












Data File: \\SANP2021\D\chem\md.i\1017BD.B\D13139.D

Date : 18-OCT-2000 01:01

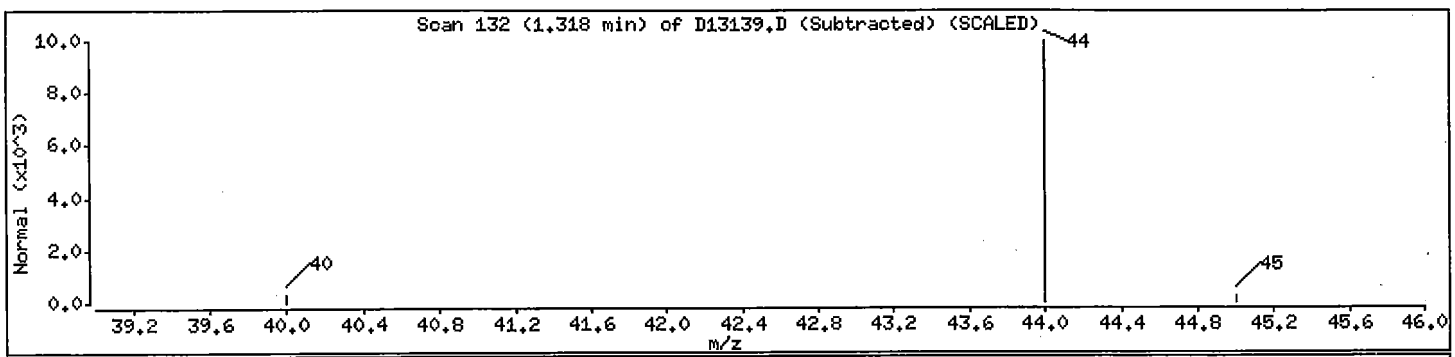
Client ID: D13139 Instrument: md.i

Sample Info: DLJP9101,,2,,0,1,0,8260BDA.M,D13139

Operator: AD

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

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



CO2

8260B SAMPLE / QC DATA

DATE ANALYZED: 10 1800

INSTRUMENT ID: MSD

SAMPLES: E030403 25-25

Batch ID: 0[illegible] 3205

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: 1018AD

Date: 10-18-00

Init. Cal ID: 8260 BDA 10-4-00

Inj. Time	Analyst	File ID	Work Order #	AS #	Matrix	Sample Wt/Vol	Dil.	I.S.	Run	Rerun	pH	Comments
8:24	GFB	DT1585	50ng BFB	—	—	1ul	—	—	✓			1198-1
8:37		DS2549	50ppb 8260B Std	1	S	5g	1	147	~~147~~			1259-1; 57-1; 62-2
9:23		D13153	LCS 1018AD	2				147	✓			1260-1
9:54		54	MB 1018AD	3				145	✓			
10:55		55	DLPKC104	4				143	✓			EQ1050314-18
11:07		56	DLPKD104	5				137	✓			-19
11:39		57	DLPKH104	6				117	N			-20 MeCl2 Two
12:11		58	DLPKN104	7				136	✓			-22
12:45		59	DLPHE101	8				132	✓			EQ1060329-3
13:17		60	DLPHE101	9				119	✓			-4
14:22		61	~~DLPHF~~ DLJNC101	10				118	~~N~~			EQ1040325-25 CONFIRM LOW IS
13:49		62	DLPHF101	11				108	~~N~~	OK		EQ1060329-5 ~~-23~~
14:21		63	DLPHJ101	12				133	✓			-6
14:52		64	DLPHC102 S	13				130	✓			-3MS 1260-1
15:24		65	DLPHC103 D	14				137	✓			-3MSD ↓
15:80		66	DLPH2101	15				140	✓			7
17:00		67	DLPHN101	16				133	✓			8
17:31		68	DLPHQ101	17				132	✓			9
18:43		69	DLPHV101	18				118	✓			10
19:15		70	DLPHX101	19				130	✓			11
19:46		71	DLPJ3101	20				133	✓			12

000745

000111

Version 01/04/99

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

BOE-C6-0170050

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: Contract:

Lab Code: Case No.: SAS No.: SDG No.: SDGA54651

Lab File ID (Standard): DS2549 Date Analyzed: 10/18/00

Instrument ID: MD Time Analyzed: 0837

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	1477132	7.10	1276672	12.62	948864	17.27
	UPPER LIMIT	2954264	7.60	2553344	13.12	1897728	17.77
	LOWER LIMIT	738566	6.60	638336	12.12	474432	16.77
	EPA SAMPLE NO.						
01	D13153	1478651	7.09	1294112	12.61	953565	17.27
02	D13154	1454726	7.10	1267356	12.61	930191	17.27
03	D13155	1434664	7.09	1306195	12.61	929908	17.26
04	D13156	1373124	7.09	1257851	12.62	904199	17.26
05	D13157	1174222	7.10	1073615	12.60	751442	17.26
06	D13158	1361376	7.10	1249693	12.62	914009	17.28
07	D13159	1324178	7.10	1140236	12.61	733312	17.26
08	D13160	1193330	7.10	1082570	12.62	775312	17.26
09	D13161	1083579	7.10	738421	12.62	308914*	17.27
10	D13162	1336576	7.10	1236008	12.62	888811	17.27
11	D13163	1306069	7.10	1213717	12.61	881909	17.27
12	D13164	1371146	7.10	1189275	12.62	825258	17.27
13	D13165	1401243	7.10	1203884	12.62	838271	17.27
14	D13166	1359709	7.10	1220984	12.62	862392	17.27
15	D13167	1337196	7.11	1240277	12.62	896448	17.27
16	D13168	1321725	7.10	1251268	12.62	894383	17.27
17	D13169	1187935	7.11	1087123	12.62	729277	17.27
18	D13170	1301813	7.10	1159412	12.62	774111	17.26
19	D13171	1335503	7.10	1227910	12.62	882419	17.28
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.

Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\DT1585.D

Date : 18-OCT-2000 08:24

Client ID:

Instrument: md.i

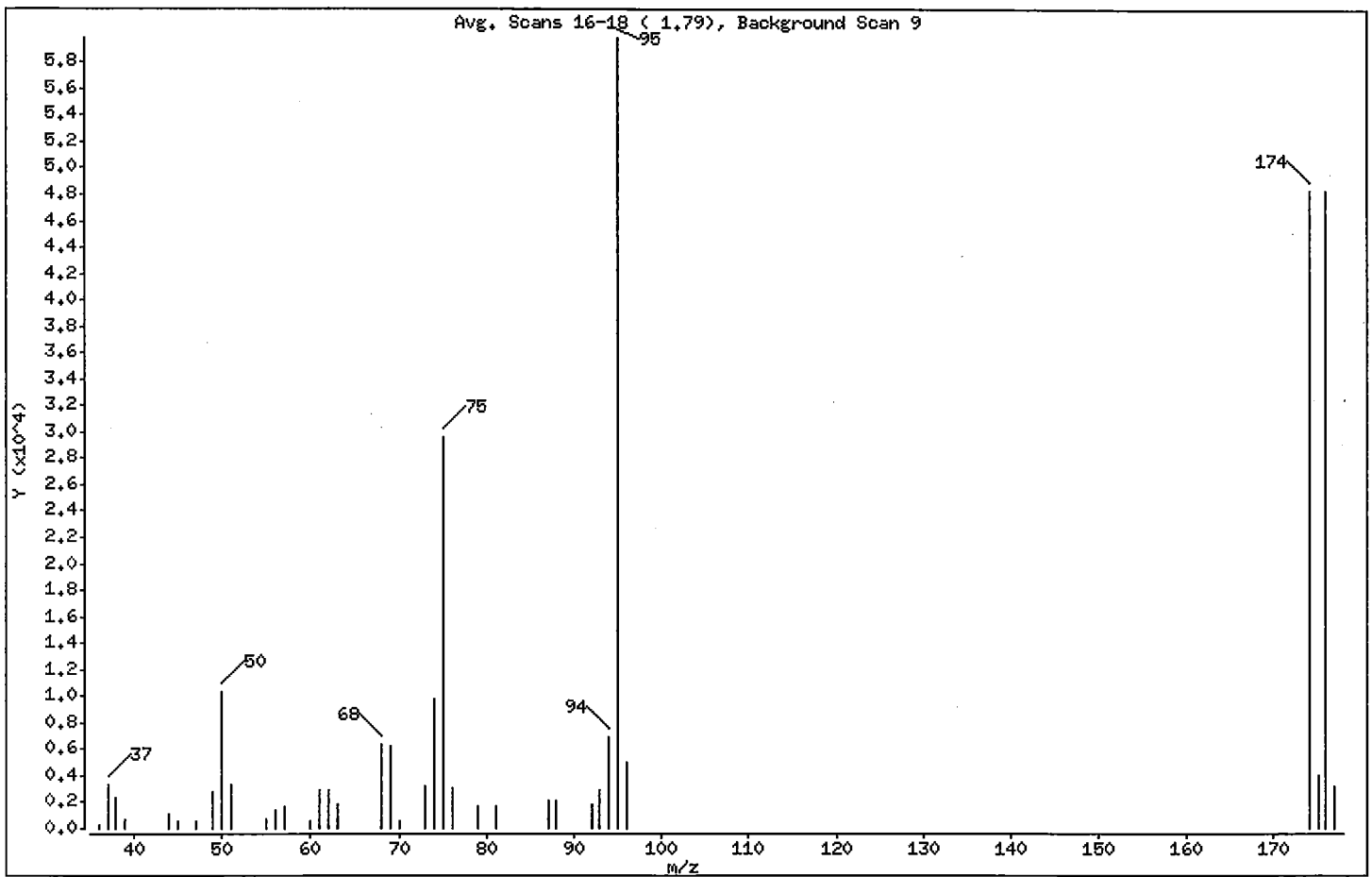
Sample Info: 50 ng BFB,bfb,,,,,,bfb.m

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	17.16
75	30.00 - 60.00% of mass 95	49.50
96	5.00 - 9.00% of mass 95	8.21
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	80.65
175	5.00 - 9.00% of mass 174	6.65 (8.24)
176	95.00 - 101.00% of mass 174	80.58 (99.92)
177	5.00 - 9.00% of mass 176	5.31 (6.59)

10-18-00

STL Los Angeles

Data file : \\SANP2021\D\CHEM\MD.I\1018AD.B\DT1585.D
Lab Smp Id:
Inj Date : 18-OCT-2000 08:24
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\1018AD.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		
1.7853	1.8000	(0.000)	95	59829			0.00- 100.00	100.00
1.7853	1.8000	(0.000)	50	10268			15.00- 40.00	17.16
1.7853	1.8000	(0.000)	75	29618			30.00- 60.00	49.50
1.7853	1.8000	(0.000)	96	4910			5.00- 9.00	8.21
1.7853	1.8000	(0.000)	173	0			0.00- 2.00	0.00
1.7853	1.8000	(0.000)	174	48253			50.00- 0.00	80.65
1.7853	1.8000	(0.000)	175	3978			5.00- 9.00	8.24
1.7853	1.8000	(0.000)	176	48213			95.00- 101.00	99.92
1.7853	1.8000	(0.000)	177	3175			5.00- 9.00	6.59

Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\DT1585.D

Date : 18-OCT-2000 08:24

Client ID:

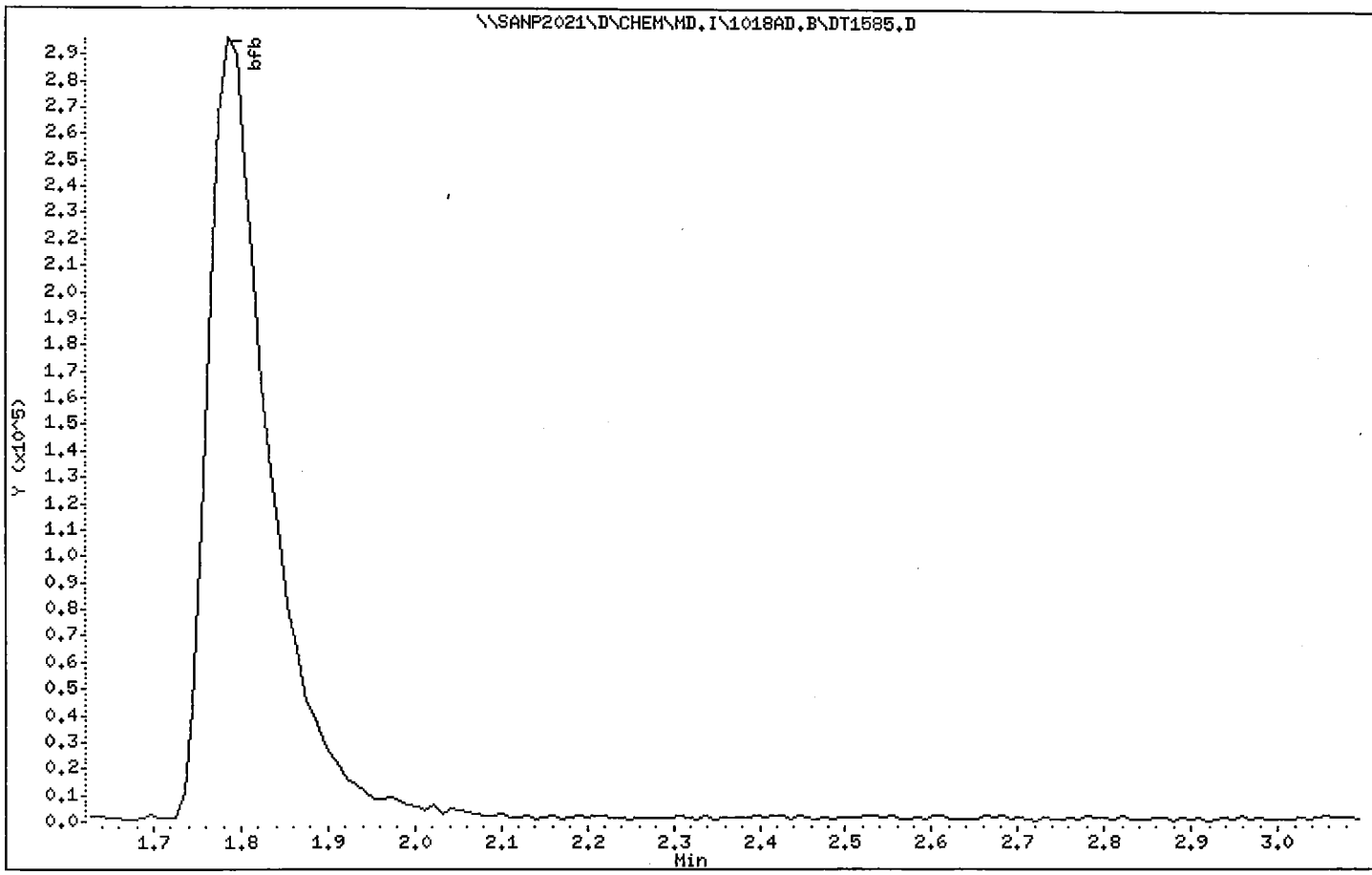
Instrument: md.i

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\1018AD.B\DT1585.D

Date : 18-OCT-2000 08:24

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: DT1585.D
Spectrum: Avg. Scans 16-18 (1.79), Background Scan 9
Location of Maximum: 95.00
Number of points: 37

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	255	55.00	715	73.00	3181	94.00	6927
37.00	3312	56.00	1443	74.00	9721	95.00	59824
38.00	2288	57.00	1681	75.00	29616	96.00	4910
39.00	748	60.00	550	76.00	3030	174.00	48248
44.00	1091	61.00	2905	79.00	1665	175.00	3978
45.00	613	62.00	2830	81.00	1712	176.00	48208
47.00	569	63.00	1785	87.00	2088	177.00	3175
49.00	2729	68.00	6314	88.00	2044		
50.00	10268	69.00	6160	92.00	1811		
51.00	3259	70.00	540	93.00	2876		

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2549.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m

Injection Date: 18-OCT-2000 08:37
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	1 Dichlorodifluoromethane	0.44644	0.63142	0.010	41.4	50.0
	2 Vinyl chloride (*)	0.21607	0.24174	0.010	11.9	20.0
	3 Chloromethane (**)	0.19012	0.21215	0.100	11.6	50.0
	4 Bromomethane	0.21985	0.23972	0.010	9.0	50.0
	5 Chloroethane	0.13964	0.15740	0.010	12.7	50.0
	6 Trichlorofluoromethane	0.71629	0.90555	0.010	26.4	50.0
	7 Acrolein	0.01339	0.01048	0.001	-21.7	50.0
	8 1,1-Dichloroethene(*)	0.28163	0.26826	0.010	-4.7	20.0
	9 1,1,2-Trichlorotrifluoroeth	0.46984	0.51992	0.010	10.7	50.0
	10 Acetone	0.05535	0.05593	0.010	1.0	50.0
	11 Iodomethane	0.54249	0.66941	0.001	23.4	50.0
	12 Carbon disulfide	0.63173	0.62648	0.010	-0.8	50.0
	13 Methylene chloride	0.28611	0.26855	0.010	-6.1	50.0
	14 t-Butanol	0.00532	0.00514	0.001	-3.3	20.0
	15 trans-1,2-Dichloroethene	0.32668	0.31440	0.010	-3.8	50.0
	16 Acrylonitrile	0.04256	0.04125	0.001	-3.1	20.0
	17 Methyl-tert-butyl ether[MTB	0.75221	0.73520	0.010	-2.3	50.0
	18 1,1-Dichloroethane (**)	0.56293	0.53146	0.100	-5.6	50.0
	19 Vinyl acetate	0.72587	0.66155	0.010	-8.9	50.0
	20 Isopropyl ether	0.97354	0.90700	0.010	-6.8	20.0
	21 2,2-Dichloropropane	0.61103	0.58322	0.010	-4.6	50.0
	22 Tert-butyl ethyl ether	0.93101	0.91421	0.010	-1.8	20.0
	23 cis-1,2-Dichloroethene	0.33158	0.32571	0.010	-1.8	50.0
	24 2-Butanone	0.09614	0.09124	0.010	-5.1	50.0
	25 Bromochloromethane	0.21883	0.22308	0.010	1.9	50.0
	26 Chloroform (*)	0.73233	0.68236	0.010	-6.8	20.0
	27 Tetrahydrofuran	0.05809	0.05947	0.010	2.4	50.0
M	28 1,2-Dichloroethene (total)	0.32913	0.32006	0.010	-2.8	50.0
$	29 Dibromofluoromethane	0.71120	0.65978	0.010	-7.2	50.0
	30 1,1,1-Trichloroethane	0.76256	0.75947	0.010	-0.4	50.0
	31 Carbon Tetrachloride	0.72937	0.76602	0.010	5.0	50.0
	32 1,1-Dichloropropene	0.54325	0.52432	0.010	-3.5	50.0
$	33 1,2-Dichloroethane-d4	0.48005	0.43884	0.010	-8.6	50.0
	34 1,2-Dichloroethane-d4 2nd	0.09685	0.09427	0.010	-2.7	50.0
	35 Benzene	0.84852	0.81785	0.010	-3.6	50.0

10-19-00

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2549.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD
Method: \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m

Injection Date: 18-OCT-2000 08:37
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D	
	36 1,2-Dichloroethane	0.53432	0.51875	0.010	-2.9	50.0	
	37 Tert-amyl methyl ether	0.88326	0.89677	0.010	1.5	20.0	
	39 Trichloroethene	0.46731	0.48412	0.010	3.6	50.0	
	40 1,2-Dichloropropane(*)	0.34594	0.32146	0.010	-7.1	20.0	
	41 Dibromomethane	0.32224	0.32813	0.010	1.8	50.0	
	42 Bromodichloromethane	0.71616	0.71653	0.010	0.1	50.0	
	43 1-Bromo-2-chloroethane	0.78851	0.50764	0.010	-35.6	50.0	
	44 2-Chloroethylvinyl ether	0.04393	0.06318	0.010	43.8	20.0	<-
	45 cis-1,3-Dichloropropene	0.54033	0.51375	0.010	-4.9	50.0	
	46 4-Methyl-2-pentanone	0.26017	0.25477	0.010	-2.1	50.0	
$	47 Toluene-d8	1.15749	1.07520	0.010	-7.1	50.0	
	48 Toluene (*)	1.22215	1.17592	0.010	-3.8	20.0	
	49 trans-1,3-Dichloropropene	0.55799	0.54769	0.010	-1.8	50.0	
	50 1,1,2-Trichloroethane	0.40315	0.39697	0.010	-1.5	50.0	
	51 Tetrachloroethene	0.55481	0.56692	0.010	2.2	50.0	
	52 1,3-Dichloropropane	0.63464	0.61068	0.010	-3.8	50.0	
	53 2-Hexanone	0.22062	0.21358	0.010	-3.2	50.0	
	54 Dibromochloromethane	0.73783	0.76308	0.010	3.4	50.0	
	55 1,2-Dibromoethane	0.61043	0.60754	0.010	-0.5	50.0	
	57 Chlorobenzene (**)	0.98253	0.97400	0.300	-0.9	50.0	
	58 1,1,1,2-Tetrachloroethane	0.59402	0.58923	0.010	-0.8	50.0	
	59 Ethylbenzene (*)	0.45846	0.44841	0.010	-2.2	20.0	
	60 m,p-Xylenes	0.57596	0.55346	0.010	-3.9	50.0	
	61 o-Xylene	0.55644	0.54197	0.010	-2.6	50.0	
	62 Styrene	0.92422	0.91084	0.010	-1.4	50.0	
M	63 Xylenes (total)	0.56945	0.54963	0.010	-3.5	50.0	
	64 Bromoform (**)	0.59517	0.62356	0.100	4.8	50.0	
	65 Isopropylbenzene	1.75437	1.74989	0.010	-0.3	50.0	
	66 4-Bromofluorobenzene-2nd	0.99560	0.94627	0.010	-5.0	50.0	
$	67 4-Bromofluorobenzene	1.32880	1.25582	0.010	-5.5	50.0	
	68 Bromobenzene	0.83061	0.79793	0.010	-3.9	50.0	
	69 1,1,2,2-Tetrachloroethane(*	0.85523	0.80500	0.300	-5.9	50.0	
	70 1,2,3-Trichloropropane	0.28010	0.27870	0.010	-0.5	50.0	
	71 n-Propylbenzene	2.58803	2.38659	0.010	-7.8	50.0	
	72 2-Chlorotoluene	0.62571	0.57831	0.010	-7.6	50.0	
	73 4-Chlorotoluene	0.65344	0.60542	0.010	-7.3	50.0	

STL Los Angeles

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: md.i
Lab File ID: DS2549.D
Analysis Type: SOIL
Lab Sample ID: 50 PPB 8260B STD Quant Type: ISTD
Method: \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m

Injection Date: 18-OCT-2000 08:37
Init. Cal. Date(s): 04-OCT-2000 04-OCT-2000
Init. Cal. Times: 11:03 14:02

COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
74 1,3,5-Trimethylbenzene	2.08187	1.97023	0.010	-5.4	50.0
75 tert-Butylbenzene	2.15036	2.07755	0.010	-3.4	50.0
76 1,2,4-Trimethylbenzene	2.11961	2.03661	0.010	-3.9	50.0
77 sec-Butylbenzene	2.82015	2.68357	0.010	-4.8	50.0
78 1,3-Dichlorobenzene	1.39311	1.35060	0.010	-3.1	50.0
80 1,4-Dichlorobenzene	1.51990	1.45473	0.010	-4.3	50.0
81 p-Isopropyltoluene	2.32696	2.23918	0.010	-3.8	50.0
82 1,2-Dichlorobenzene	1.33233	1.28345	0.010	-3.7	50.0
83 n-Butylbenzene	2.22197	2.13514	0.010	-3.9	50.0
84 1,2-Dibromo-3-chloropropane	0.28987	0.28558	0.010	-1.5	50.0
85 1,2,4-Trichlorobenzene	1.23050	1.19327	0.010	-3.0	50.0
86 Hexachlorobutadiene	0.92928	0.85181	0.010	-8.3	50.0
87 Napthalene	1.86163	1.60855	0.010	-13.6	50.0
88 1,2,3-Trichlorobenzene	1.14824	1.10106	0.010	-4.1	50.0

STL Los Angeles Calibration Internal Standard Area Check

CCV File : \\SANP2021\D\CHEM\MD.I\1018AD.B/DS2549.D
Inj. Date : 18-OCT-2000 08:37

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

IS NAME	ICAL RT	CCV RT	DIFF.	ICAL AREA	CCV AREA	%DIFF.
Fluorobenzene	7.10	7.10	-0.00	1480718	1477132	99.8%
Chlorobenzene-d5	12.63	12.62	0.01	1259551	1276672	101.4%
1,4-Dichlorobenzene-d4	17.27	17.27	-0.00	906122	948864	104.7%

8260B Area difference criteria: 50%-200%

STL Los Angeles

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: md.i
Lab File ID: DS2549.D
Lab Smp Id: 50 PPB 8260B STD
Analysis Type: VOA
Quant Type: ISTD
Operator: GFB
Method File: \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m
Misc Info: 1259-1;57-1;55-1,,5,,2,all.SUB

Calibration Date: 18-OCT-2000
Calibration Time: 08:37

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
38 Fluorobenzene	1477132	738566	2954264	1477132	0.00
56 Chlorobenzene-d5	1276672	638336	2553344	1276672	0.00
79 1,4-Dichlorobenze	948864	474432	1897728	948864	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	12.62	12.12	13.12	12.62	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\1018AD.B\DS2549.D
Lab Smp Id: 50 PPB 8260B STD
Inj Date : 18-OCT-2000 08:37
Operator : GFB Inst ID: md.i
Smp Info : 50 PPB 8260B STD,,,3,0,,,8260BDA.M
Misc Info : 1259-1;57-1;55-1,,5,,2,all.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m
Meth Date : 18-Oct-2000 09:02 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
1 Dichlorodifluoromethane	85	1.465	1.465	(0.206)	932693	50.0000	70.72
2 Vinyl chloride (*)	62	1.691	1.691	(0.238)	357084	50.0000	55.94
3 Chloromethane (**)	50	1.632	1.632	(0.230)	313368	50.0000	55.79
4 Bromomethane	94	1.967	1.967	(0.277)	354103	50.0000	54.52
5 Chloroethane	64	2.066	2.066	(0.291)	232497	50.0000	56.36
6 Trichlorofluoromethane	101	2.292	2.292	(0.323)	1337610	50.0000	63.21
7 Acrolein	56	2.696	2.696	(0.380)	154836	500.000	391.5(AQ)
8 1,1-Dichloroethene(*)	96	2.775	2.775	(0.391)	396259	50.0000	47.63
9 1,1,2-Trichlorotrifluoroethan	151	2.795	2.795	(0.394)	767985	50.0000	55.33
10 Acetone	43	2.864	2.864	(0.403)	413063	250.000	252.6(Q)
11 Iodomethane	142	2.942	2.942	(0.414)	1977623	100.000	123.4(A)
12 Carbon disulfide	76	3.002	3.002	(0.423)	925399	50.0000	49.58
13 Methylene chloride	84	3.327	3.327	(0.469)	396681	50.0000	46.93
14 t-Butanol	59	3.553	3.553	(0.500)	189925	1250.00	1209

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	15 trans-1,2-Dichloroethene	96	3.672	3.672	(0.517)	464407	50.0000	48.12
	16 Acrylonitrile	53	3.652	3.652	(0.514)	609322	500.000	484.6(A)
	17 Methyl-tert-butyl ether[MTBE]	73	3.711	3.711	(0.523)	1085993	50.0000	48.87
	18 1,1-Dichloroethane (**)	63	4.273	4.273	(0.602)	785040	50.0000	47.20
	19 Vinyl acetate	43	4.391	4.391	(0.618)	1954385	100.000	91.14
	20 Isopropyl ether	45	4.430	4.430	(0.624)	1339762	50.0000	46.58
	21 2,2-Dichloropropane	77	5.140	5.140	(0.724)	861497	50.0000	47.72
	22 Tert-butyl ethyl ether	59	5.011	5.011	(0.706)	1350405	50.0000	49.10
	23 cis-1,2-Dichloroethene	96	5.169	5.169	(0.728)	481119	50.0000	49.12
	24 2-Butanone	43	5.268	5.268	(0.742)	673842	250.000	237.2
	25 Bromochloromethane	128	5.553	5.553	(0.782)	329513	50.0000	50.97
	26 Chloroform (*)	83	5.731	5.731	(0.807)	1007934	50.0000	46.59
	27 Tetrahydrofuran	42	5.662	5.662	(0.797)	87837	50.0000	51.18
M	28 1,2-Dichloroethene (total)	100				945527	100.000	97.24
$	29 Dibromofluoromethane	111	5.987	5.987	(0.843)	974575	50.0000	46.38
	30 1,1,1-Trichloroethane	97	5.967	5.967	(0.840)	1121839	50.0000	49.80
	31 Carbon Tetrachloride	117	6.233	6.233	(0.878)	1131511	50.0000	52.51
	32 1,1-Dichloropropene	75	6.243	6.243	(0.879)	774489	50.0000	48.26
$	33 1,2-Dichloroethane-d4	65	6.529	6.529	(0.920)	648226	50.0000	45.71
	34 1,2-Dichloroethane-d4 2nd	102	6.529	6.529	(0.920)	139242	50.0000	48.67
	35 Benzene	78	6.598	6.598	(0.929)	1208066	50.0000	48.19
	36 1,2-Dichloroethane	62	6.647	6.647	(0.936)	766261	50.0000	48.54
	37 Tert-amyl methyl ether	73	6.873	6.873	(0.968)	1324652	50.0000	50.76
*	38 Fluorobenzene	96	7.100	7.100	(1.000)	1477132	50.0000	
	39 Trichloroethene	130	7.731	7.731	(1.089)	715112	50.0000	51.80
	40 1,2-Dichloropropane(*)	63	8.115	8.115	(1.143)	474838	50.0000	46.46
	41 Dibromomethane	93	8.322	8.322	(1.172)	484689	50.0000	50.91
	42 Bromodichloromethane	83	8.647	8.647	(1.218)	1058407	50.0000	50.02
	43 1-Bromo-2-chloroethane	63	9.159	9.159	(1.290)	749849	50.0000	32.19(Q)
	44 2-Chloroethylvinyl ether	106	9.258	9.258	(1.304)	186637	100.000	143.8(A)
	45 cis-1,3-Dichloropropene	75	9.465	9.465	(1.333)	758876	50.0000	47.54
	46 4-Methyl-2-pentanone	43	9.809	9.809	(1.382)	1881656	250.000	244.8
$	47 Toluene-d8	98	9.928	9.928	(0.787)	1372681	50.0000	46.44
	48 Toluene (*)	91	10.036	10.036	(0.795)	1501260	50.0000	48.11
	49 trans-1,3-Dichloropropene	75	10.519	10.519	(0.834)	699217	50.0000	49.08
	50 1,1,2-Trichloroethane	97	10.834	10.834	(0.859)	506803	50.0000	49.23
	51 Tetrachloroethene	164	11.041	11.041	(0.875)	723767	50.0000	51.09
	52 1,3-Dichloropropane	76	11.120	11.120	(0.881)	779640	50.0000	48.11
	53 2-Hexanone	43	11.376	11.376	(0.902)	1363357	250.000	242.0
	54 Dibromochloromethane	129	11.544	11.544	(0.915)	974198	50.0000	51.71
	55 1,2-Dibromoethane	107	11.691	11.691	(0.927)	775633	50.0000	49.76
*	56 Chlorobenzene-d5	117	12.617	12.617	(1.000)	1276672	50.0000	
	57 Chlorobenzene (**)	112	12.667	12.667	(1.004)	1243482	50.0000	49.57
	58 1,1,1,2-Tetrachloroethane	131	12.864	12.864	(1.020)	752259	50.0000	49.60
	59 Ethylbenzene (*)	106	12.923	12.923	(1.024)	572471	50.0000	48.90
	60 m,p-Xylenes	106	13.169	13.169	(1.044)	1413179	100.000	96.09
	61 o-Xylene	106	13.928	13.928	(1.104)	691913	50.0000	48.70

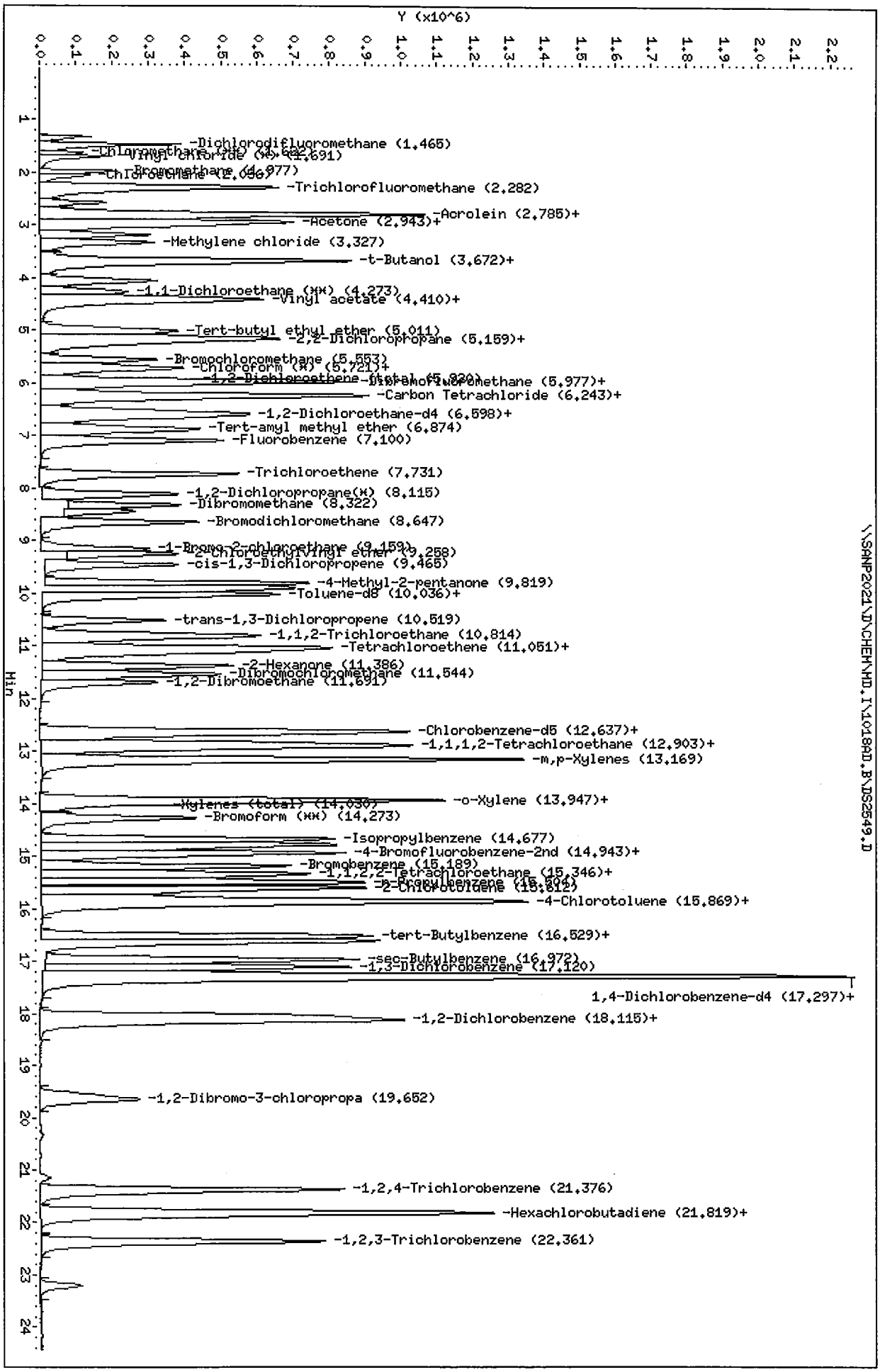
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/Kg)	AMOUNTS ON-COL (ug/Kg)
	62 Styrene	104	13.957	13.957	(1.106)	1162839	50.0000	49.28
M	63 Xylenes (total)	100				2105093	150.000	144.8
	64 Bromoform (**)	173	14.273	14.273	(1.131)	796077	50.0000	52.38
	65 Isopropylbenzene	105	14.677	14.677	(1.163)	2234031	50.0000	49.87
	66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	897882	50.0000	47.52
$	67 4-Bromofluorobenzene	95	14.943	14.943	(0.865)	1191601	50.0000	47.25
	68 Bromobenzene	156	15.189	15.189	(0.880)	757124	50.0000	48.03
	69 1,1,2,2-Tetrachloroethane(**)	83	15.337	15.337	(0.888)	763831	50.0000	47.06
	70 1,2,3-Trichloropropane	110	15.356	15.356	(0.889)	264446	50.0000	49.75
	71 n-Propylbenzene	91	15.514	15.514	(0.898)	2264551	50.0000	46.11
	72 2-Chlorotoluene	126	15.612	15.612	(0.904)	548739	50.0000	46.21
	73 4-Chlorotoluene	126	15.849	15.849	(0.918)	574460	50.0000	46.32
	74 1,3,5-Trimethylbenzene	105	15.898	15.898	(0.921)	1869485	50.0000	47.32
	75 tert-Butylbenzene	119	16.519	16.519	(0.957)	1971315	50.0000	48.31
	76 1,2,4-Trimethylbenzene	105	16.637	16.637	(0.963)	1932468	50.0000	48.04
	77 sec-Butylbenzene	105	16.972	16.972	(0.983)	2546347	50.0000	47.58
	78 1,3-Dichlorobenzene	146	17.120	17.120	(0.991)	1281534	50.0000	48.47
*	79 1,4-Dichlorobenzene-d4	152	17.268	17.268	(1.000)	948864	50.0000	
	80 1,4-Dichlorobenzene	146	17.307	17.307	(1.002)	1380343	50.0000	47.86
	81 p-Isopropyltoluene	119	17.297	17.297	(1.002)	2124675	50.0000	48.11
	82 1,2-Dichlorobenzene	146	18.036	18.036	(1.045)	1217821	50.0000	48.16
	83 n-Butylbenzene	91	18.135	18.135	(1.050)	2025961	50.0000	48.05
	84 1,2-Dibromo-3-chloropropane	157	19.662	19.662	(1.139)	270975	50.0000	49.26
	85 1,2,4-Trichlorobenzene	180	21.376	21.376	(1.238)	1132248	50.0000	48.49
	86 Hexachlorobutadiene	225	21.810	21.810	(1.263)	808253	50.0000	45.83
	87 Napthalene	128	21.839	21.839	(1.265)	1526299	50.0000	43.20
	88 1,2,3-Trichlorobenzene	180	22.361	22.361	(1.295)	1044754	50.0000	47.94

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\1018AD.B\DS2549.D
Date : 18-OCT-2000 08:37
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\1018AD.B\D13153.D
Lab Smp Id: LCS-1018AD Client Smp ID: D13153
Inj Date : 18-OCT-2000 09:23
Operator : GFB Inst ID: md.i
Smp Info : LCS-1018AD,LCS,2,,0,1,0,8260BDA.M,D13153
Misc Info : 1252-1,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m
Meth Date : 18-Oct-2000 09:02 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.775	(0.393)	397578	47.7366	47.74
$ 29 Dibromofluoromethane	111	5.977	5.987	(0.843)	1018208	48.4119	48.41
$ 33 1,2-Dichloroethane-d4	65	6.519	6.529	(0.919)	712950	50.2206	50.22
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.529	(0.919)	152000	53.0710	53.07
35 Benzene	78	6.598	6.598	(0.931)	1163318	46.3597	46.36
* 38 Fluorobenzene	96	7.091	7.100	(1.000)	1478651	50.0000	
39 Trichloroethene	130	7.731	7.731	(1.090)	701641	50.7703	50.77
$ 47 Toluene-d8	98	9.918	9.928	(0.787)	1446771	48.2928	48.29
48 Toluene (*)	91	10.036	10.036	(0.796)	1449739	45.8316	45.83
* 56 Chlorobenzene-d5	117	12.608	12.617	(1.000)	1294112	50.0000	
57 Chlorobenzene (**)	112	12.657	12.667	(1.004)	1202904	47.3025	47.30
$ 67 4-Bromofluorobenzene	95	14.953	14.943	(0.866)	1200365	47.3666	47.37
66 4-Bromofluorobenzene-2nd	174	14.953	14.952	(0.866)	914411	48.1590	48.16
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.268	(1.000)	953565	50.0000	

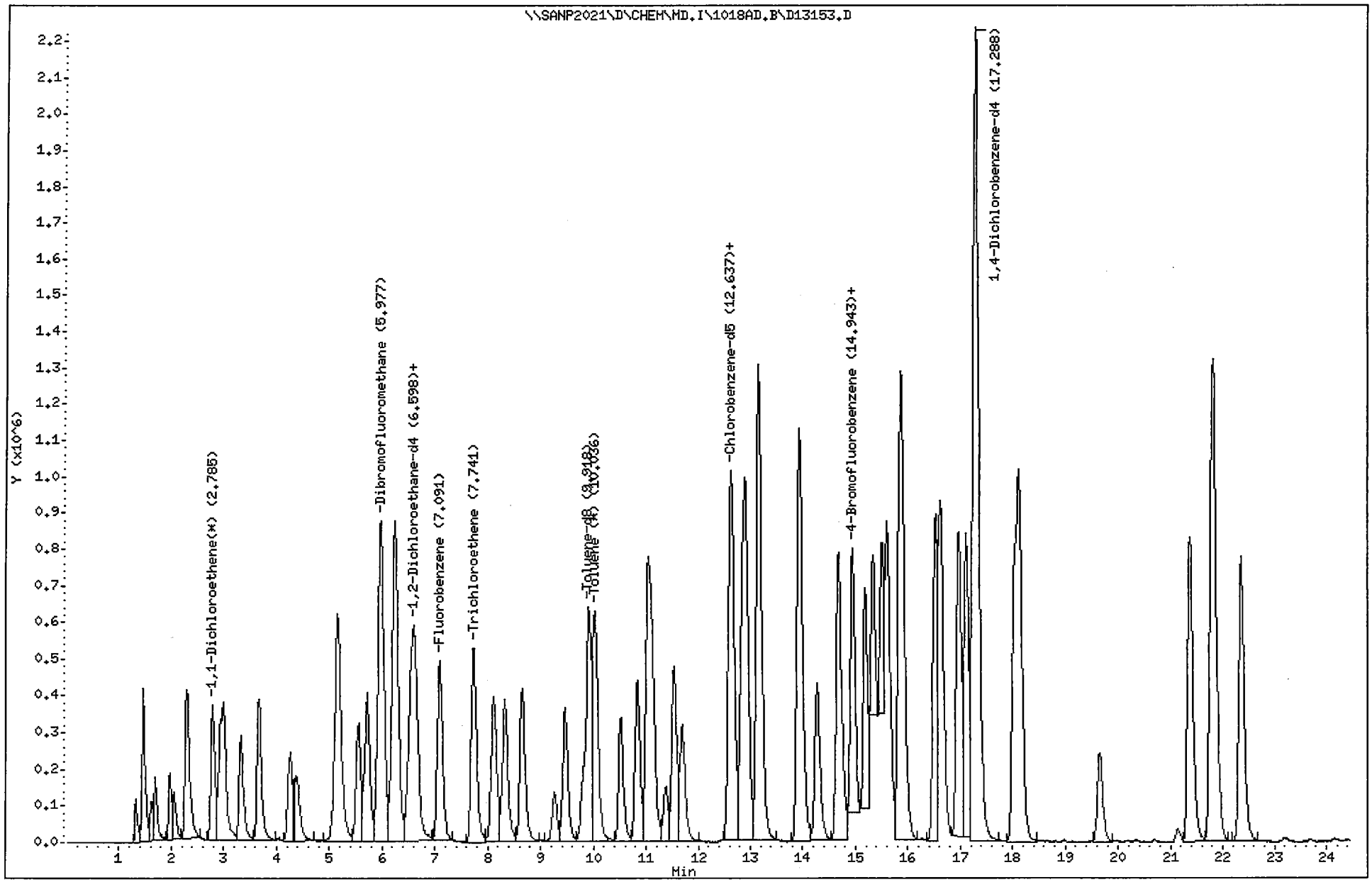
Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13153.D
Date : 18-OCT-2000 09:23
Client ID: D13153
Sample Info: LCS-1018AD,LCS,2,,0,1,0,8260BDA.M,D13153

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



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BOE-C6-0170066

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1018AD.B\D13154.D
Lab Smp Id: MB-1018AD Client Smp ID: D13154
Inj Date : 18-OCT-2000 09:54
Operator : GFB Inst ID: md.i
Smp Info : MB-1018AD,BLANK,2,,0,1,0,8260BDA.M,D13154
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m
Meth Date : 18-Oct-2000 09:52 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
$ 29 Dibromofluoromethane	111	5.986	5.987	(0.843)	964085	46.5924	46.59
$ 33 1,2-Dichloroethane-d4	65	6.518	6.529	(0.918)	629948	45.1036	45.10
34 1,2-Dichloroethane-d4 2nd	102	6.518	6.529	(0.918)	129869	46.0897	46.09
* 38 Fluorobenzene	96	7.100	7.100	(1.000)	1454726	50.0000	
$ 47 Toluene-d8	98	9.927	9.928	(0.787)	1366146	46.5643	46.56
* 56 Chlorobenzene-d5	117	12.607	12.617	(1.000)	1267356	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.952	14.952	(0.866)	847813	45.7736	45.77
$ 67 4-Bromofluorobenzene	95	14.942	14.943	(0.865)	1108321	44.8335	44.83
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.268	(1.000)	930191	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\1018AD.B\D13154.D
Lab Smp Id: MB-1018AD Client Smp ID: D13154
Inj Date : 18-OCT-2000 09:54
Operator : GFB Inst ID: md.i
Smp Info : MB-1018AD,BLANK,2,,0,1,0,8260BDA.M,D13154
Misc Info : ,,5,,3,ALL.SUB,
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m
Meth Date : 18-Oct-2000 09:52 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 38 Fluorobenzene	7.100	3285028	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.316	485365	7.38752998	7.39	0		0	38

STL Los Angeles

TENTATIVELY IDENTIFIED COMPOUNDS

Client Name:
Lab Smp Id: MB-1018AD
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13154
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	1.316	7.39	J

Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13154.D

Date : 18-OCT-2000 09:54

Client ID: D13154

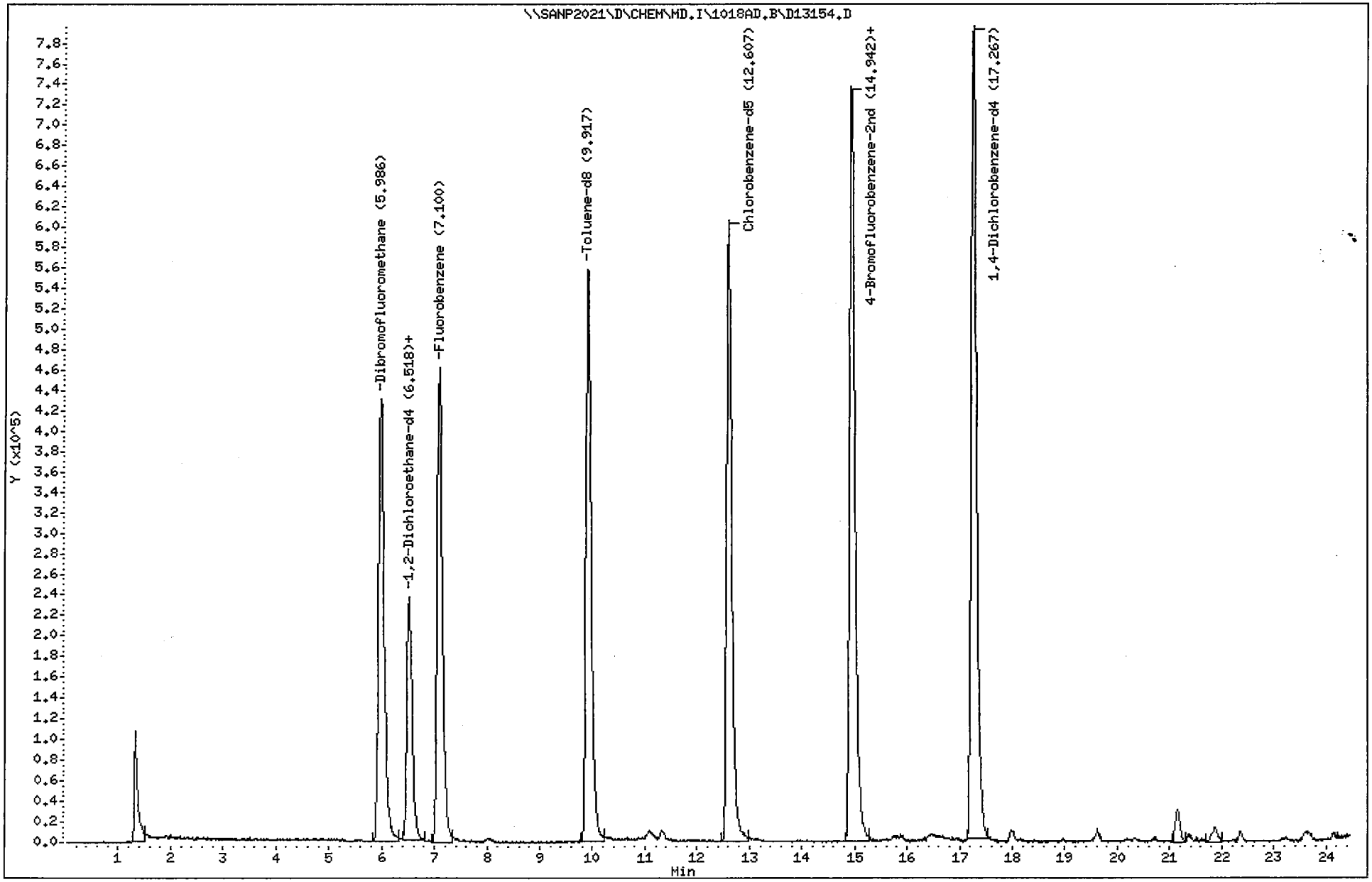
Sample Info: MB-1018AD,BLANK,2,,0,1,0,8260BDA.M,D13154

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB

Column diameter: 0.53



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000785

Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13154.D

Date : 18-OCT-2000 09:54

Client ID: D13154

Instrument: md.i

Sample Info: MB-1018AD,BLANK,2,,0,1,0,8260BDA,M,D13154

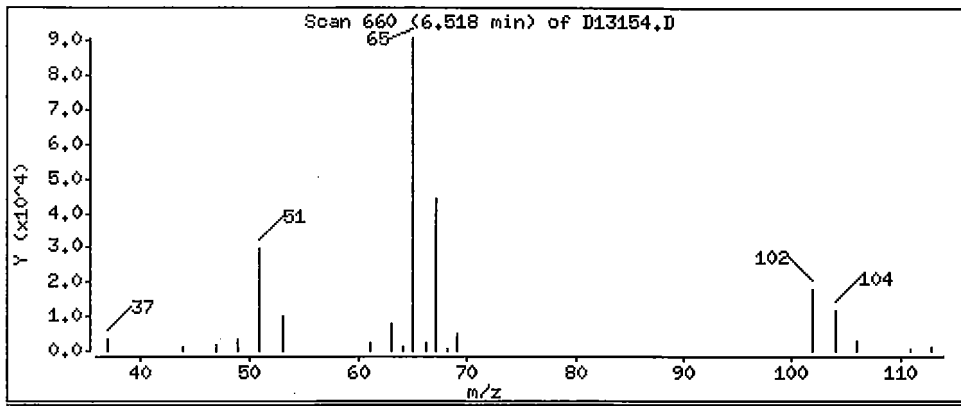
Operator: GFB

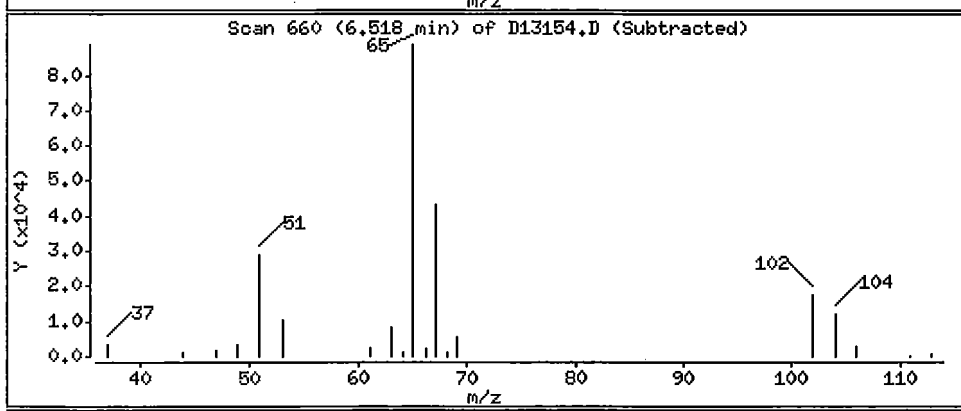
Column phase: J&W DB-624

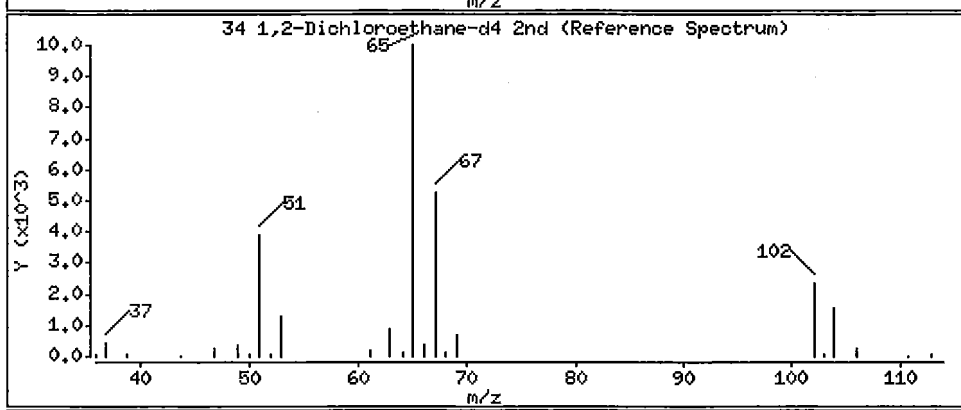
Column diameter: 0.53

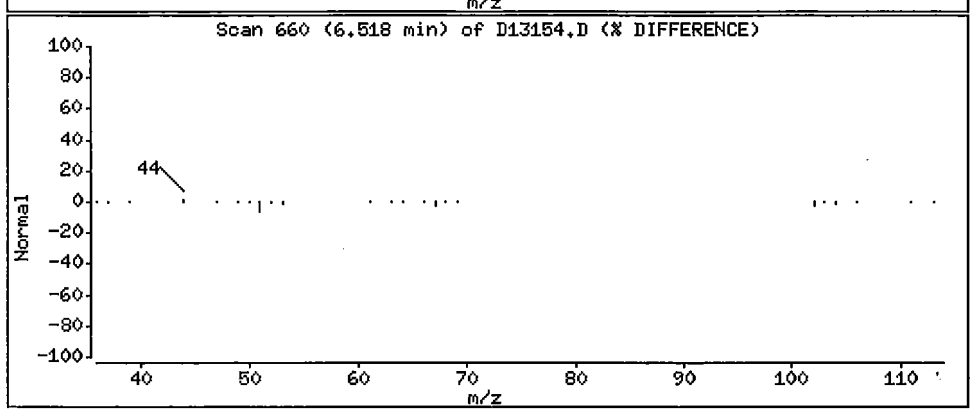
34 1,2-Dichloroethane-d4 2nd

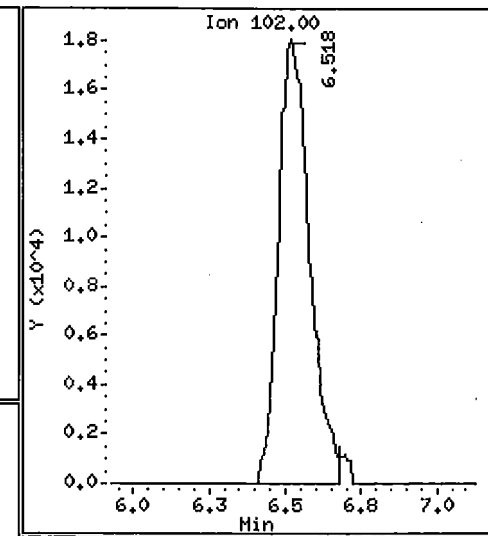
Concentration: 46.09 ug/Kg

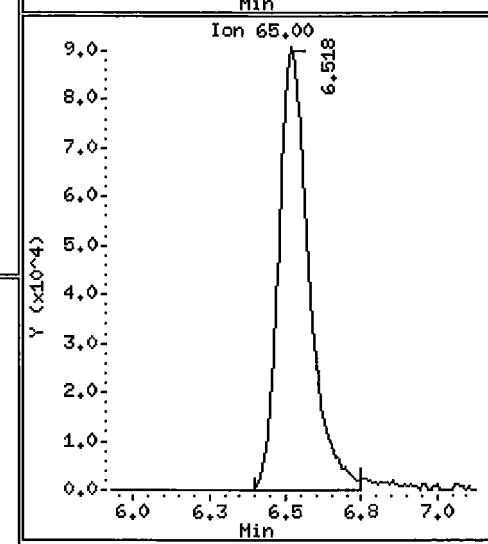












Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13154.D

Date : 18-OCT-2000 09:54

Client ID: D13154

Instrument: md.i

Sample Info: MB-1018AD,BLANK,2,,0,1,0,8260BDA.M,D13154

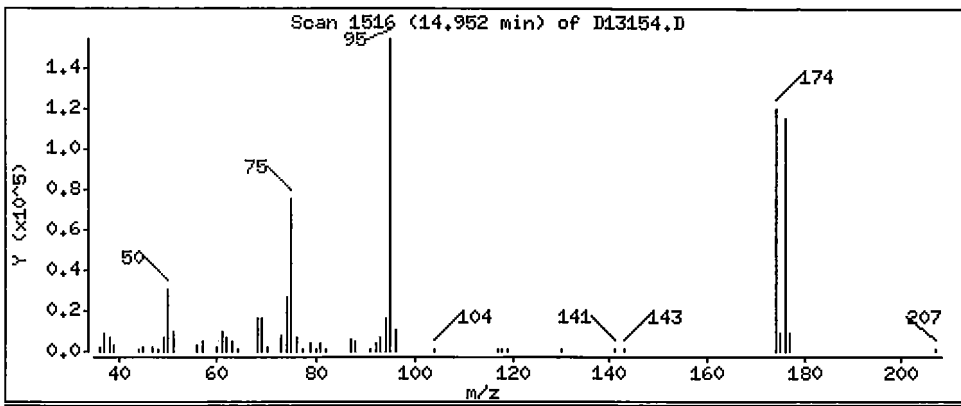
Operator: GFB

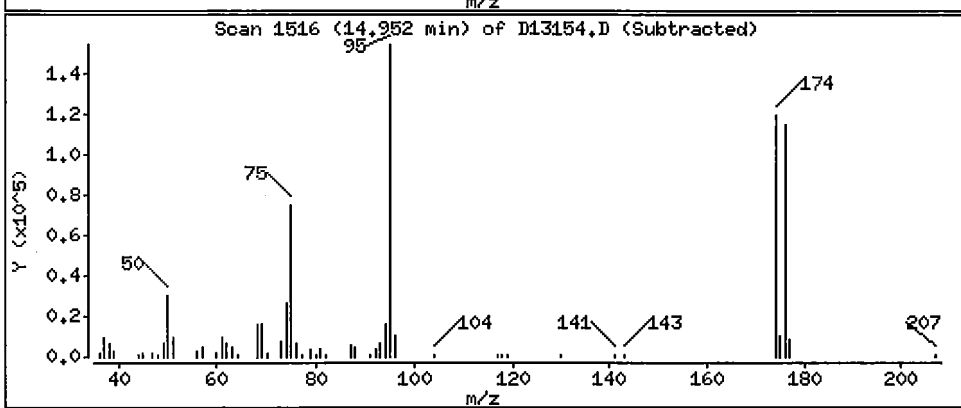
Column phase: J&W DB-624

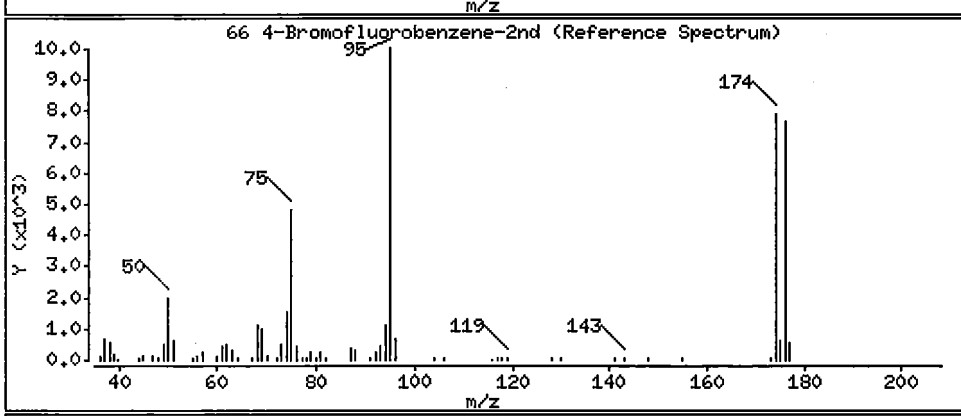
Column diameter: 0.53

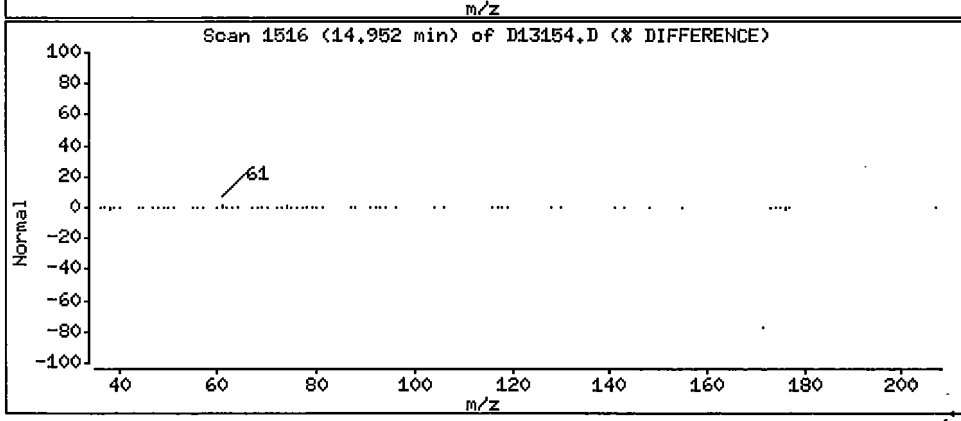
66 4-Bromofluorobenzene-2nd

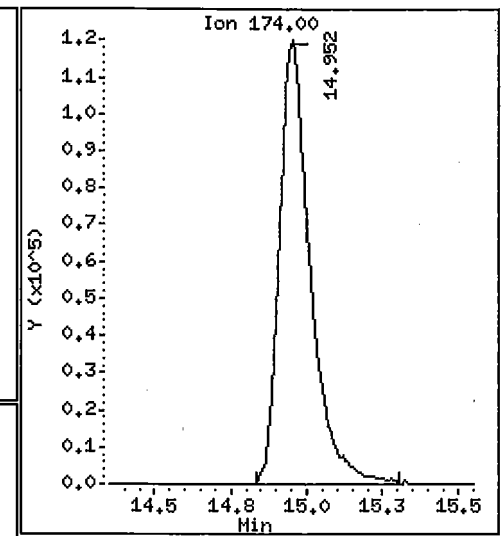
Concentration: 45.77 ug/Kg

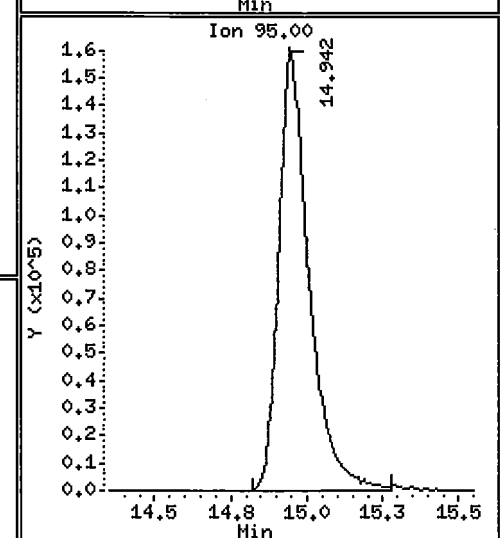


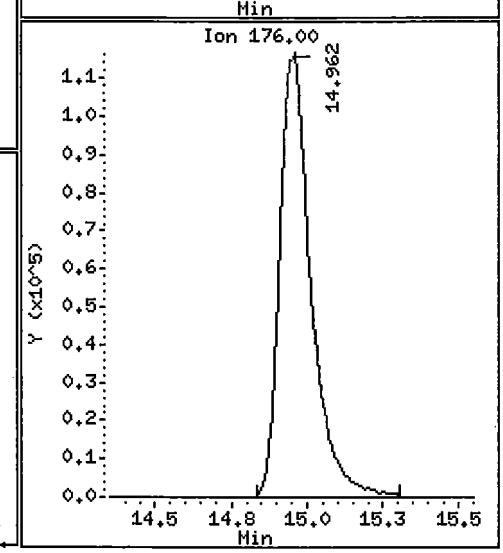












Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13154.D

Date : 18-OCT-2000 09:54

Client ID: D13154

Instrument: md.i

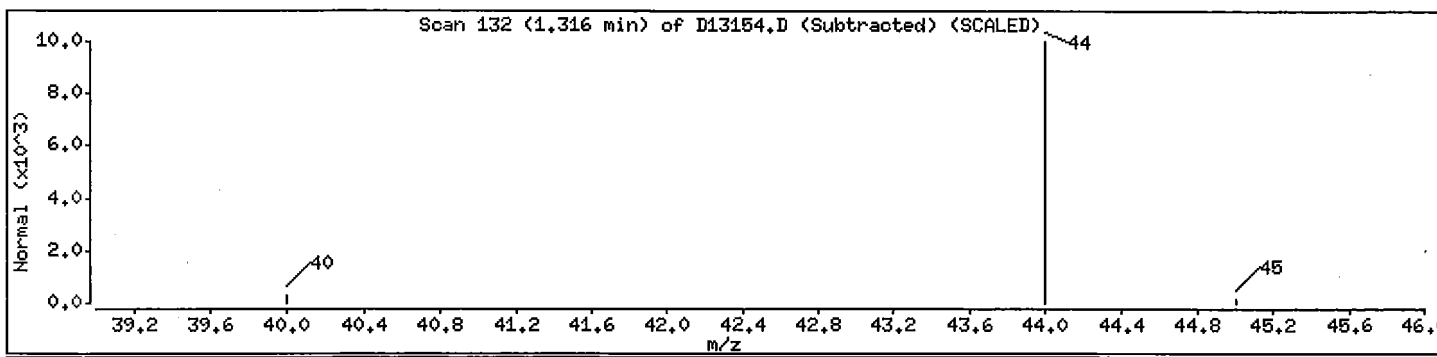
Sample Info: MB-1018AD,BLANK,2,,0,1,0,8260BDA.M,D13154

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

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



CO2

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1018AD.B\D13164.D
Lab Smp Id: DLPHC102 Client Smp ID: D13164
Inj Date : 18-OCT-2000 15:24
Operator : GFB Inst ID: md.i
Smp Info : DLPHC102,MS,2,,0,1,0,8260BDA.M,D13164
Misc Info : 329-3S,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m
Meth Date : 18-Oct-2000 09:52 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 13 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.785	2.775	(0.392)	361744	46.8394	46.84
$ 29 Dibromofluoromethane	111	5.987	5.987	(0.843)	1006642	51.6146	51.61
$ 33 1,2-Dichloroethane-d4	65	6.519	6.529	(0.918)	630823	47.9195	47.92
34 1,2-Dichloroethane-d4 2nd	102	6.519	6.529	(0.918)	130627	49.1843	49.18
35 Benzene	78	6.597	6.598	(0.929)	1096984	47.1437	47.14
* 38 Fluorobenzene	96	7.100	7.100	(1.000)	1371146	50.0000	
39 Trichloroethene	130	7.750	7.731	(1.092)	936491	73.0770	73.08(R)
$ 47 Toluene-d8	98	9.928	9.928	(0.787)	1304066	47.3666	47.37
48 Toluene (*)	91	10.046	10.036	(0.796)	1364249	46.9308	46.93
* 56 Chlorobenzene-d5	117	12.617	12.617	(1.000)	1189275	50.0000	
57 Chlorobenzene (**)	112	12.666	12.667	(1.004)	1092052	46.7289	46.73
$ 67 4-Bromofluorobenzene	95	14.952	14.943	(0.866)	1016509	46.3479	46.35
66 4-Bromofluorobenzene-2nd	174	14.962	14.952	(0.866)	779700	47.4487	47.45
* 79 1,4-Dichlorobenzene-d4	152	17.267	17.268	(1.000)	825258	50.0000	

QC Flag Legend

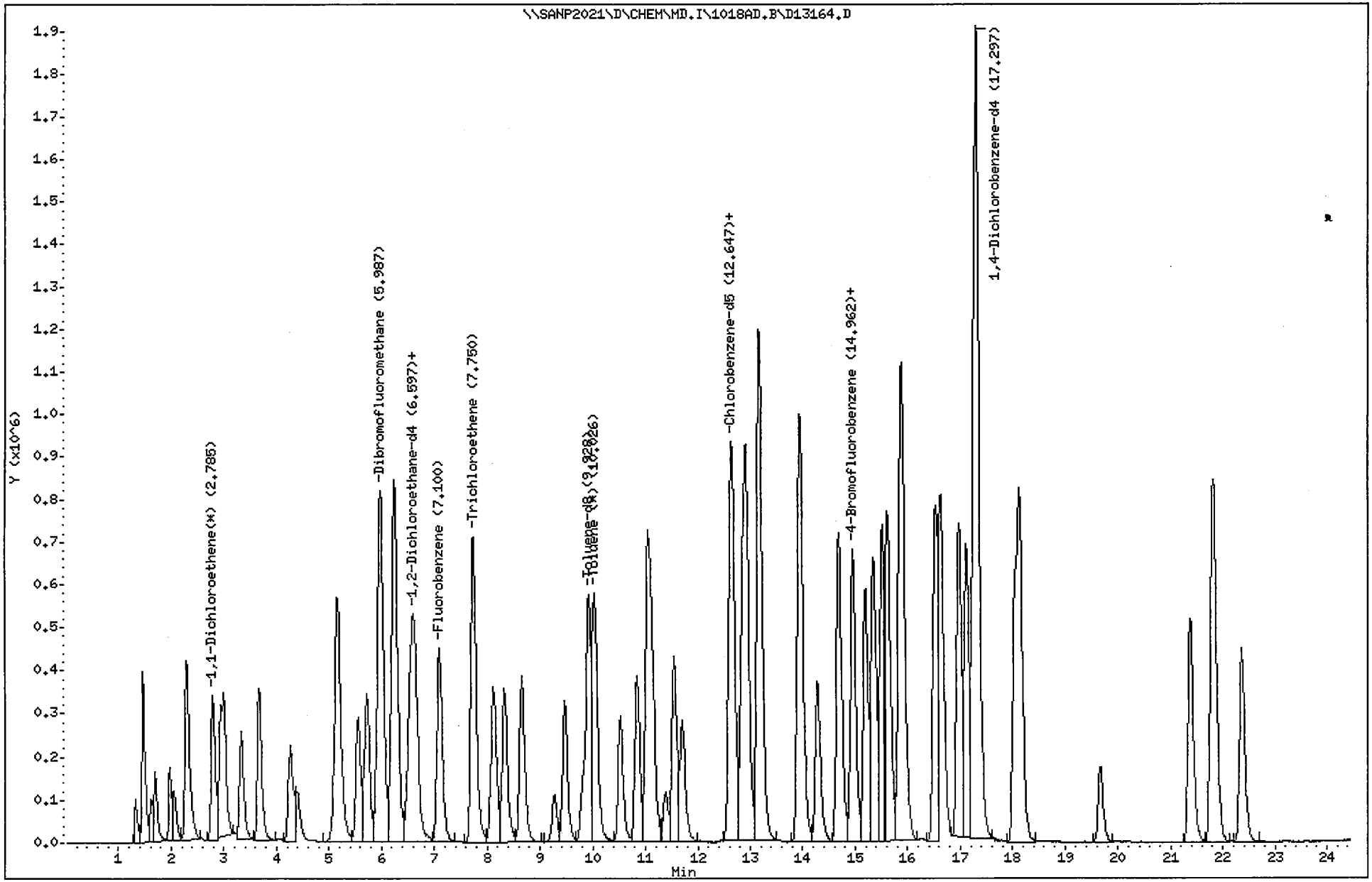
R - Spike/Surrogate failed recovery limits.

Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13164.D
Date : 18-OCT-2000 15:24
Client ID: D13164
Sample Info: DLPHC102,MS,2,,0,1,0,8260BDA.M,D13164

Column phase: J&W DB-624

Instrument: md.i

Operator: GFB
Column diameter: 0.53



BOE-C6-0170076

000791

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1018AD.B\D13165.D
Lab Smp Id: DLPHC103 Client Smp ID: D13165
Inj Date : 18-OCT-2000 15:56
Operator : GFB Inst ID: md.i
Smp Info : DLPHC103,MSD,2,,0,1,0,8260BDA.M,D13165
Misc Info : 329-3D,,5,,3,SPK.SUB,SH.SPK
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m
Meth Date : 18-Oct-2000 09:52 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 14 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SPK.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
8 1,1-Dichloroethene(*)	96	2.790	2.775	(0.393)	364791	46.2195	46.22
$ 29 Dibromofluoromethane	111	5.992	5.987	(0.843)	993974	49.8704	49.87
$ 33 1,2-Dichloroethane-d4	65	6.533	6.529	(0.920)	626648	46.5799	46.58
34 1,2-Dichloroethane-d4 2nd	102	6.533	6.529	(0.920)	131273	48.3659	48.36
35 Benzene	78	6.602	6.598	(0.929)	1099224	46.2253	46.22
* 38 Fluorobenzene	96	7.105	7.100	(1.000)	1401243	50.0000	
39 Trichloroethene	130	7.745	7.731	(1.090)	930000	71.0118	71.01(R)
$ 47 Toluene-d8	98	9.932	9.928	(0.787)	1311879	47.0721	47.07
48 Toluene (*)	91	10.041	10.036	(0.795)	1339203	45.5102	45.51
* 56 Chlorobenzene-d5	117	12.622	12.617	(1.000)	1203884	50.0000	
57 Chlorobenzene (**)	112	12.671	12.667	(1.004)	1055888	44.6332	44.63
$ 67 4-Bromofluorobenzene	95	14.957	14.943	(0.866)	1027252	46.1107	46.11
66 4-Bromofluorobenzene-2nd	174	14.957	14.952	(0.866)	793041	47.5114	47.51
* 79 1,4-Dichlorobenzene-d4	152	17.272	17.268	(1.000)	838271	50.0000	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

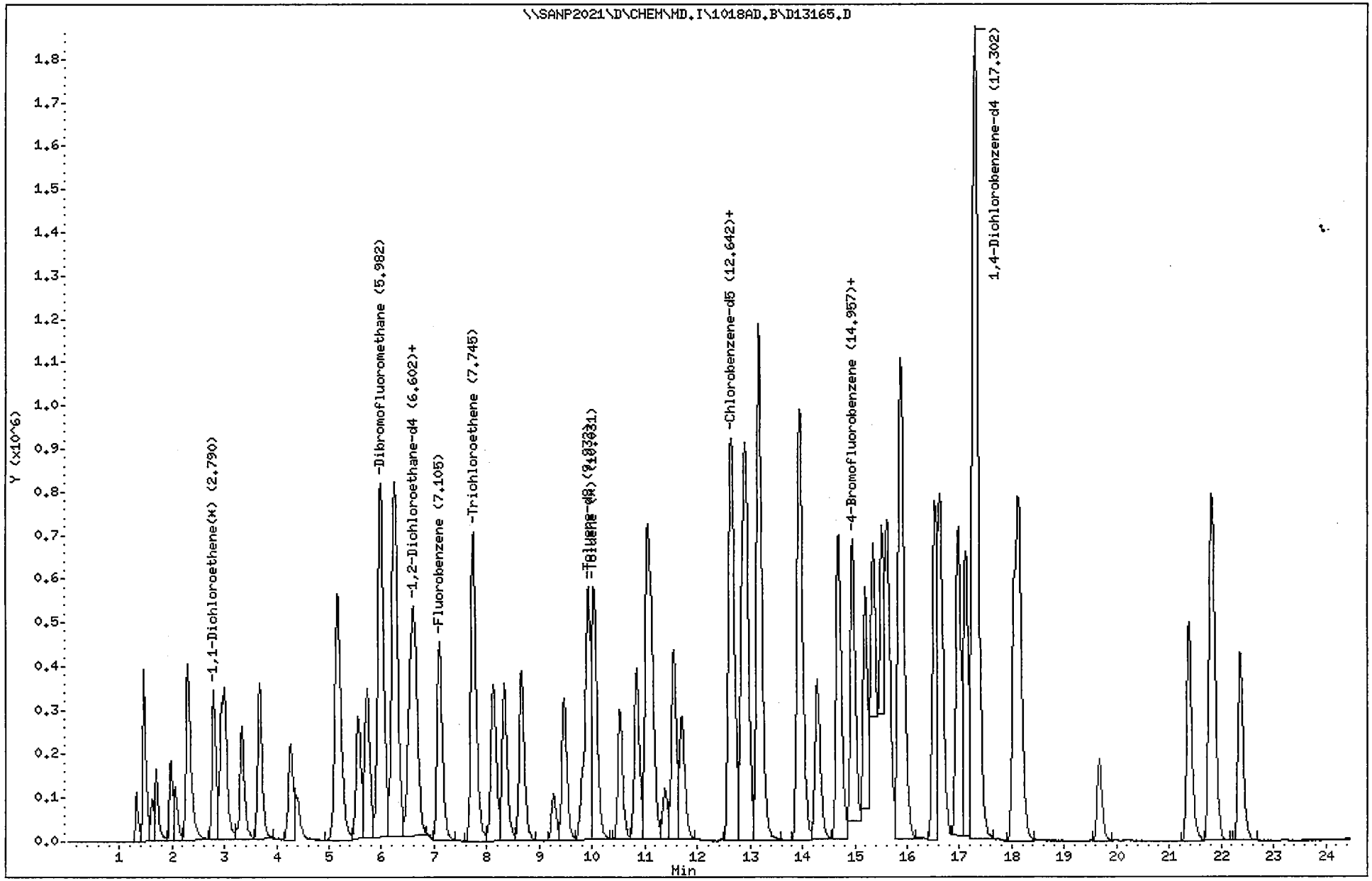
Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13165.D
Date : 18-OCT-2000 15:56
Client ID: D13165
Sample Info: DLPHC103,MSD,2,,0,1,0,8260BDA.M,D13165

Instrument: md.i

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53



BOE-C6-0170079

000794

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\CHEM\MD.I\1018AD.B\D13161.D
Lab Smp Id: DLJNC101 Client Smp ID: D13161
Inj Date : 18-OCT-2000 13:49
Operator : GFB Inst ID: md.i
Smp Info : DLJNC101,,2,,0,1,0,8260BDA.M,D13161
Misc Info : E0J040325-25,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m
Meth Date : 18-Oct-2000 09:52 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
26 Chloroform (*)	83	5.721	5.731	(0.806)	66405	4.18416	4.18(a)
$ 29 Dibromofluoromethane	111	5.977	5.987	(0.842)	772644	50.1302	50.13
$ 33 1,2-Dichloroethane-d4	65	6.529	6.529	(0.920)	523254	50.2967	50.30
34 1,2-Dichloroethane-d4 2nd	102	6.529	6.529	(0.920)	105137	50.0924	50.09
* 38 Fluorobenzene	96	7.101	7.100	(1.000)	1083579	50.0000	
$ 47 Toluene-d8	98	9.928	9.928	(0.787)	831062	48.6166	48.62
51 Tetrachloroethene	164	11.051	11.041	(0.876)	69334	8.46201	8.46
* 56 Chlorobenzene-d5	117	12.618	12.617	(1.000)	738421	50.0000	
66 4-Bromofluorobenzene-2nd	174	14.963	14.952	(0.866)	348733	56.6946	56.69
$ 67 4-Bromofluorobenzene	95	14.953	14.943	(0.866)	457985	55.7856	55.78
* 79 1,4-Dichlorobenzene-d4	152	17.268	17.268	(1.000)	308914	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: DLJNC101
Operator : GFB
Sample Location:
Sample Matrix: SOIL
Analysis Type: VOA

Client SDG: SDGa54651
Client Smp ID: D13161
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 Hydrocarbon	21.534	6.42	_J__

STL Los Angeles

VOLATILE REPORT low level 8260B

Data file : \\SANP2021\D\chem\md.i\1018AD.B\D13161.D
Lab Smp Id: DLJNC101 Client Smp ID: D13161
Inj Date : 18-OCT-2000 13:49
Operator : GFB Inst ID: md.i
Smp Info : DLJNC101,,2,,0,1,0,8260BDA.M,D13161
Misc Info : E0J040325-25,,5,,0,ALL.SUB
Comment :
Method : \\SANP2021\D\CHEM\MD.I\1018AD.B\8260BDA.m
Meth Date : 18-Oct-2000 09:52 ramirezr Quant Type: ISTD
Cal Date : 04-OCT-2000 14:02 Cal File: DS2519.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: ALL.SUB
Target Version: 4.00
Processing Host: SANP2021

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

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

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	17.268	1745806	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/Kg)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Hydrocarbon				CAS #:			
21.534	223993	6.41518532	6.42	0		0	79

Data File: \\SANP2021\D\chem\md.i\1018AD.B\D13161.D

Date : 18-OCT-2000 13:49

Client ID: D13161

Instrument: md.i

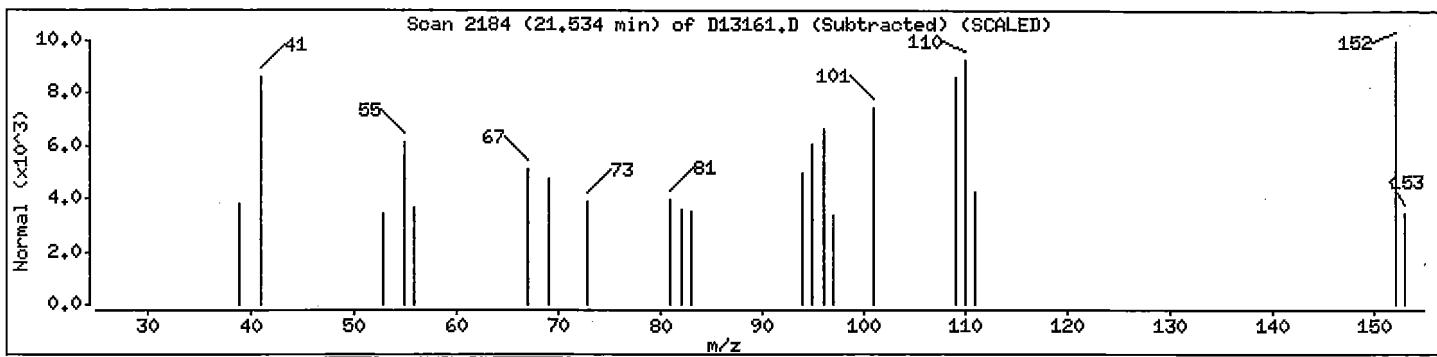
Sample Info: DLJNC101,,2,,0,1,0,8260BDA.M,D13161

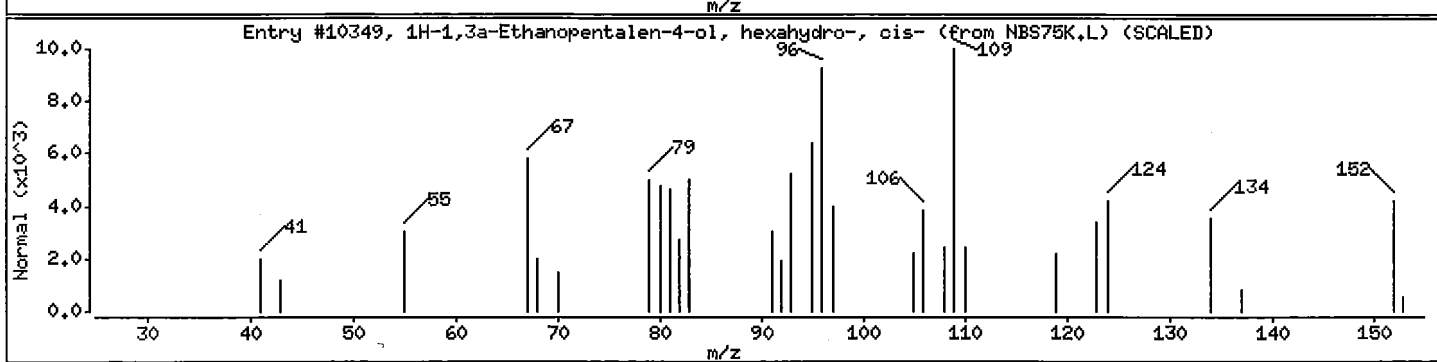
Operator: GFB

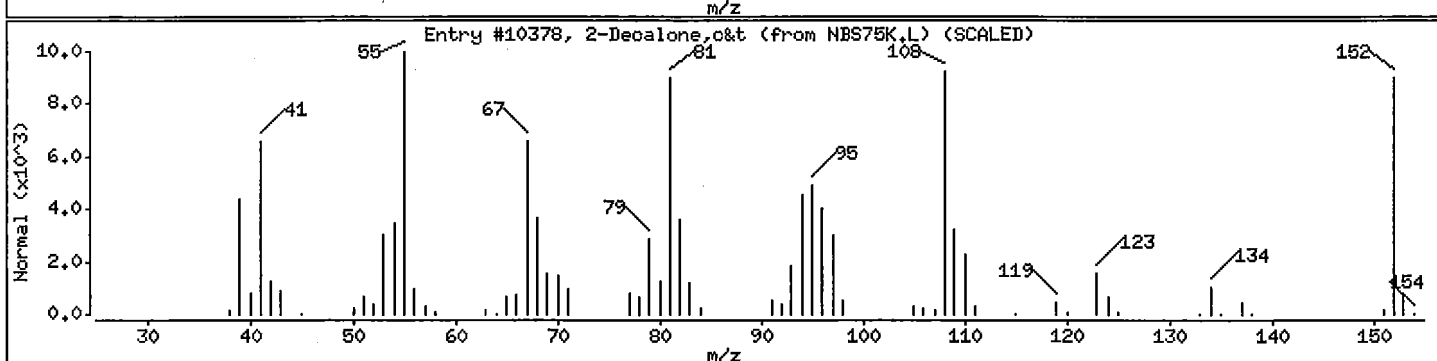
Column phase: J&W DB-624

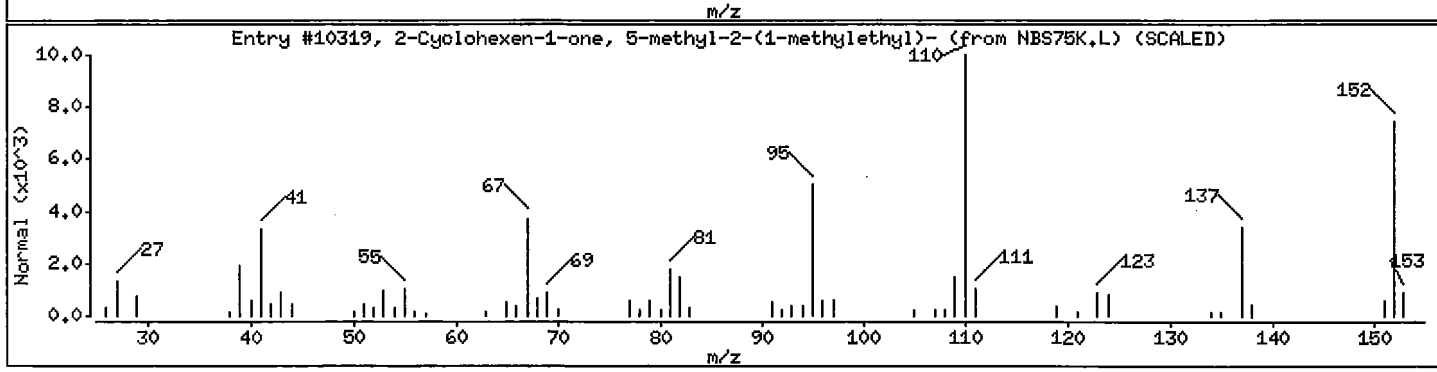
Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Hydrocarbon						
1H-1,3a-Ethanopentalen-4-ol, hexahydro-,	117221-75-7	NBS75K.L	10349	43	C10H16O	152
2-Decalone,c&t	4832-17-1	NBS75K.L	10378	38	C10H16O	152
2-Cyclohexen-1-one, 5-methyl-2-(1-methyl	5113-66-6	NBS75K.L	10319	35	C10H16O	152







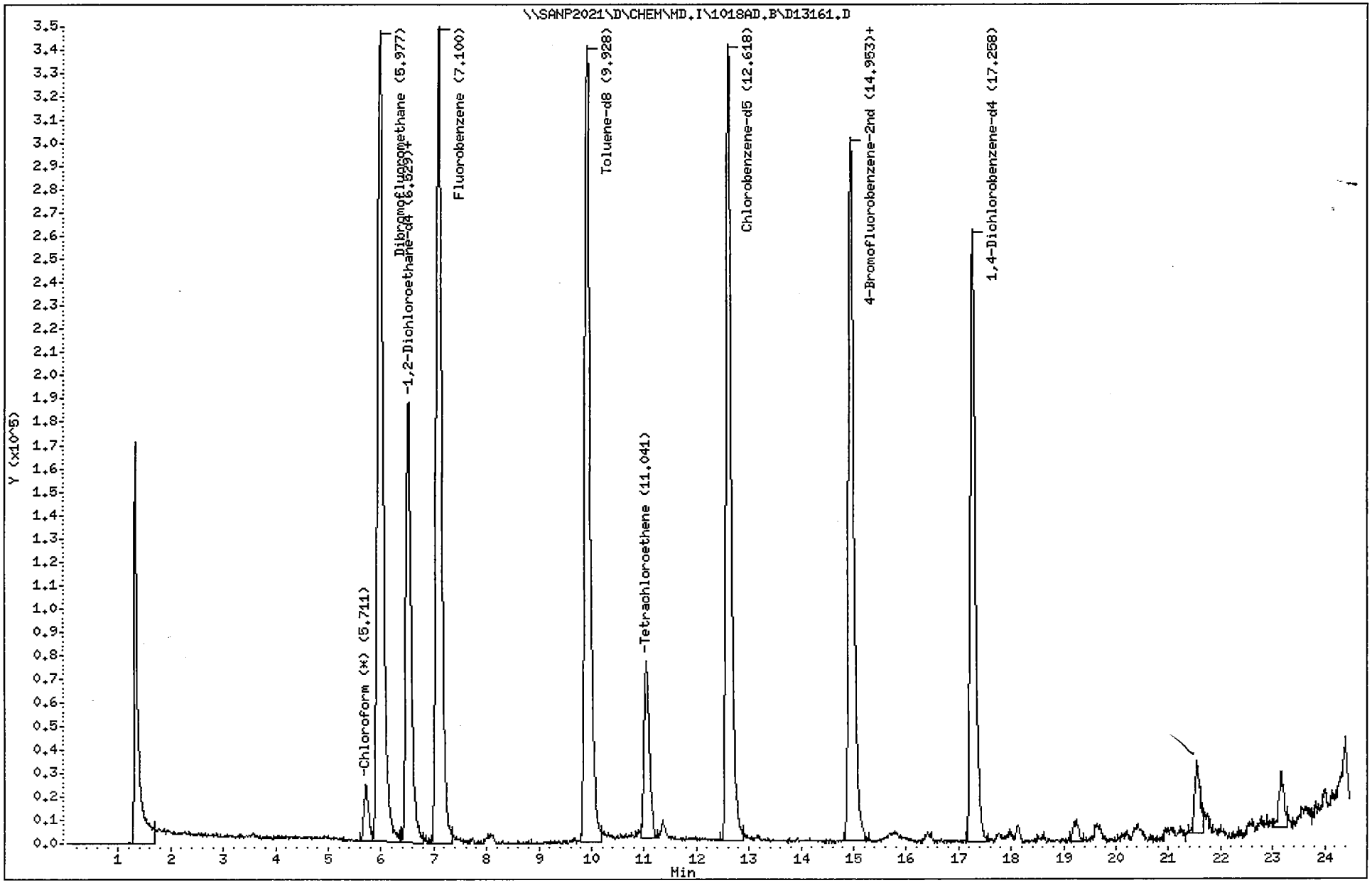


Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13161.D
Date : 18-OCT-2000 13:49
Client ID: D13161
Sample Info: DLJNC101,,2,,0,1,0,8260BDA.M,D13161

Instrument: md.i

Operator: GFB
Column diameter: 0.53

Column phase: J&W DB-624



BOE-C6-0170085

Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13161.D

Date : 18-OCT-2000 13:49

Client ID: D13161

Instrument: md.i

Sample Info: DLJNC101,,2,,0,1,0,8260BDA.M,D13161

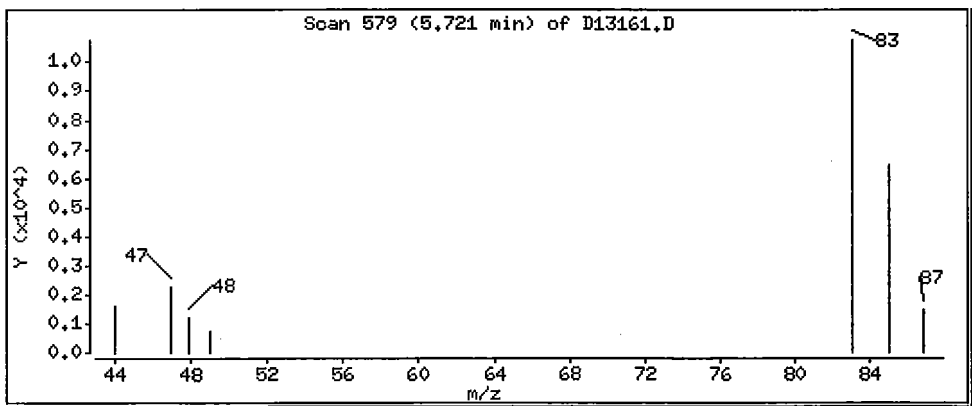
Operator: GFB

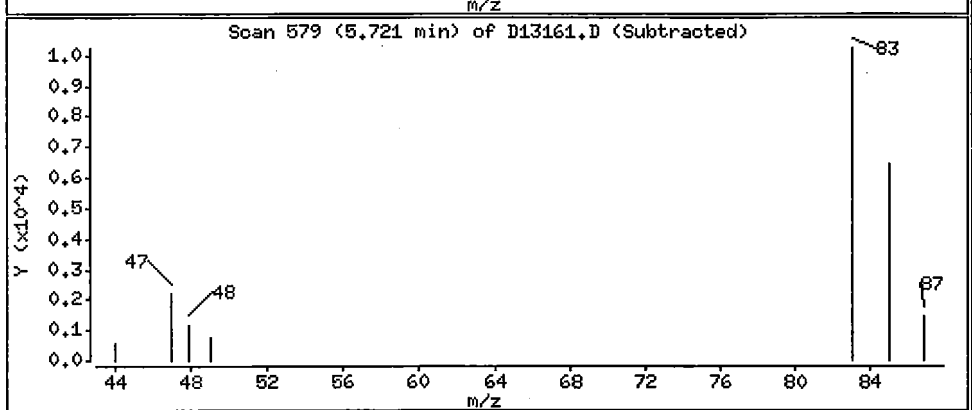
Column phase: J&W DB-624

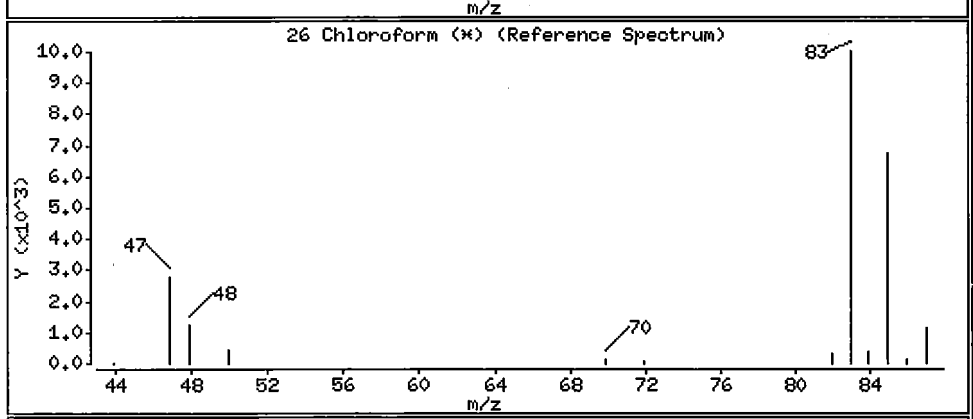
Column diameter: 0.53

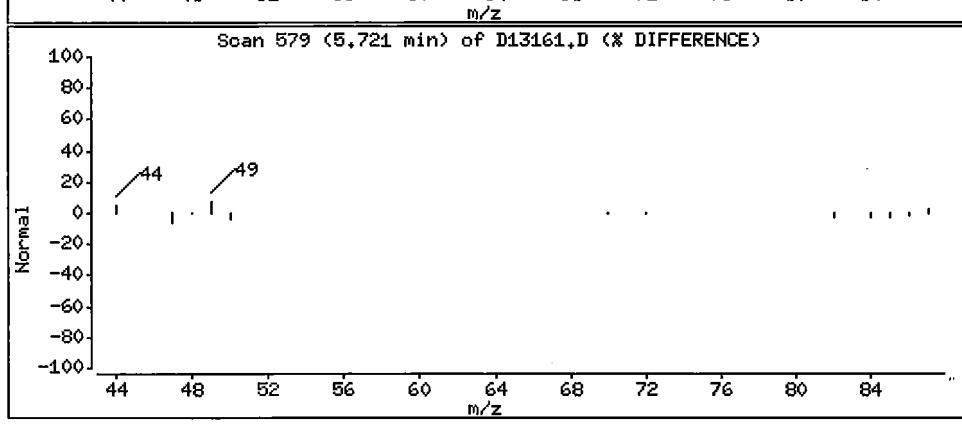
26 Chloroform (*)

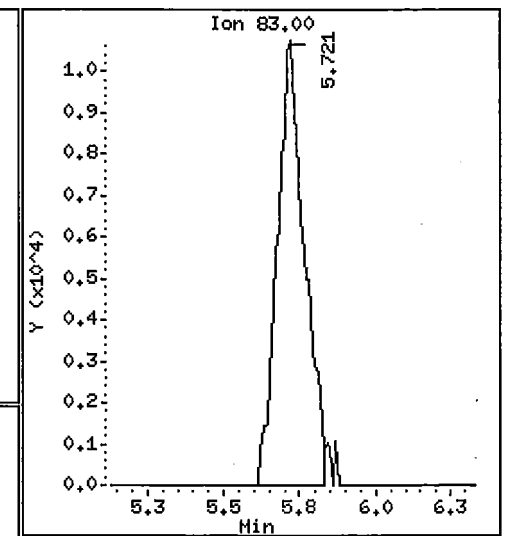
Concentration: 4.18 ug/Kg

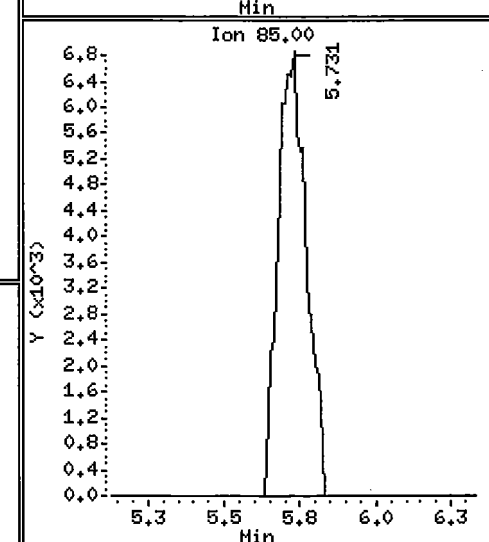


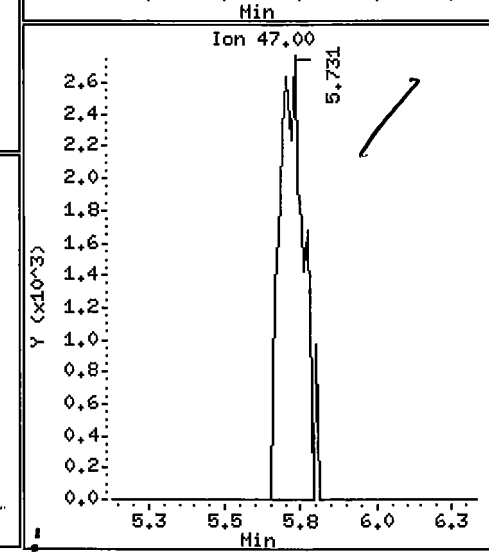












Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13161.D

Date : 18-OCT-2000 13:49

Client ID: D13161

Instrument: md.i

Sample Info: DLJNC101,,2,,0,1,0,8260BDA,M,D13161

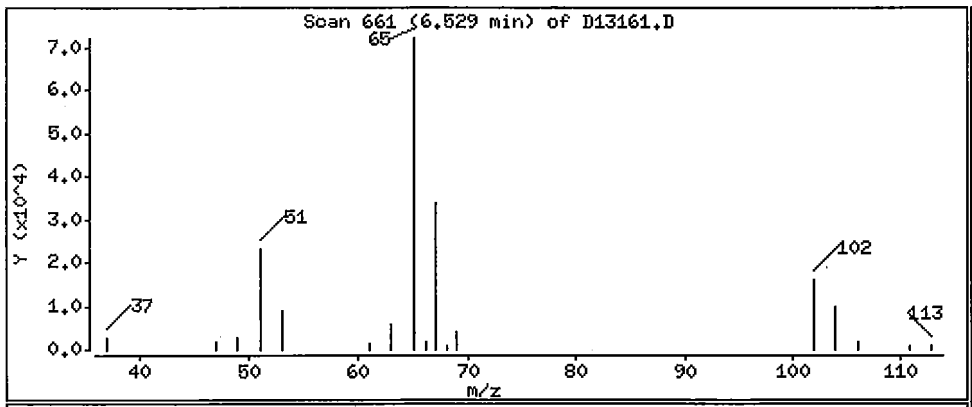
Operator: GFB

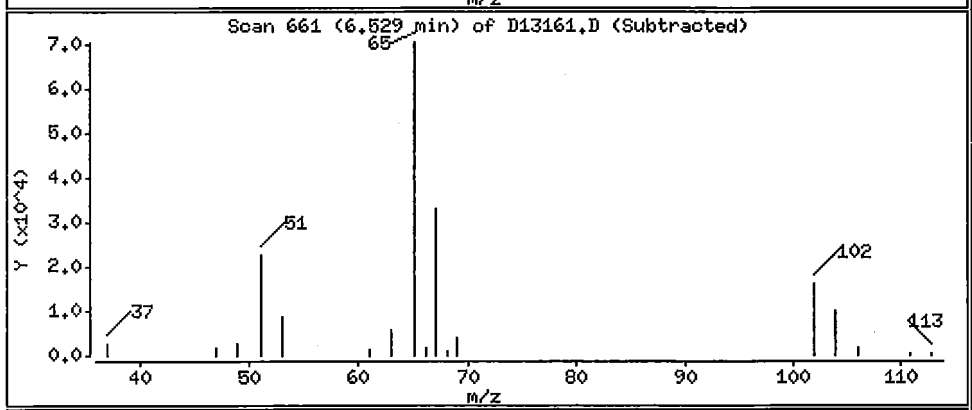
Column phase: J&W DB-624

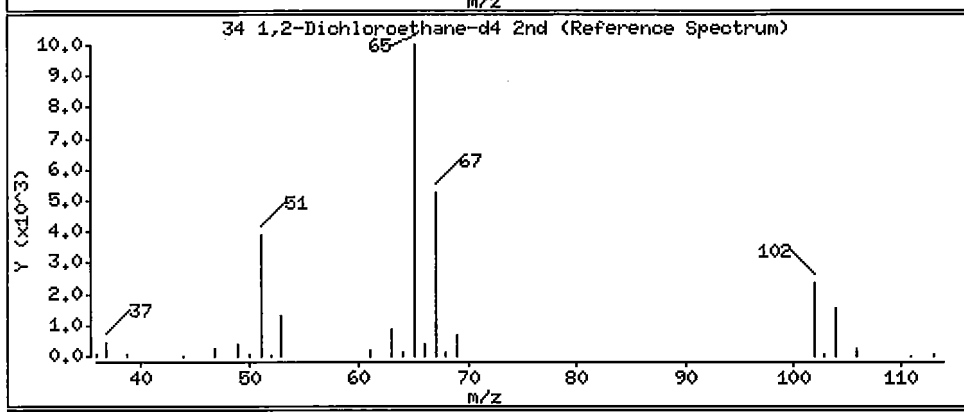
Column diameter: 0.53

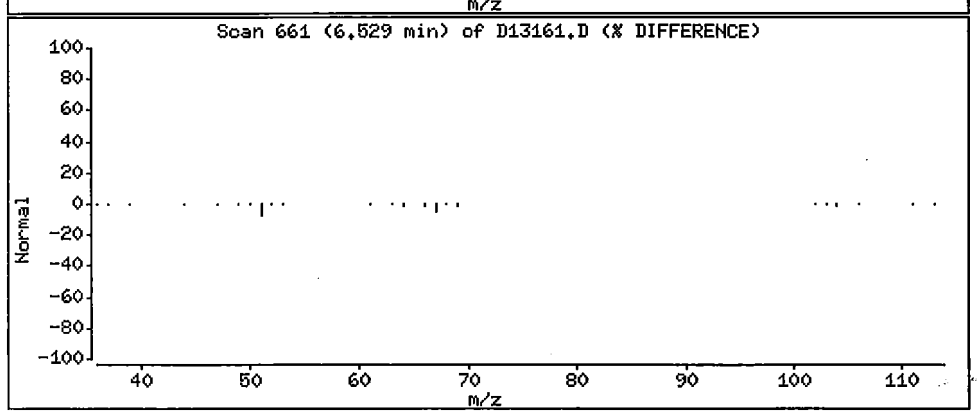
34 1,2-Dichloroethane-d4 2nd

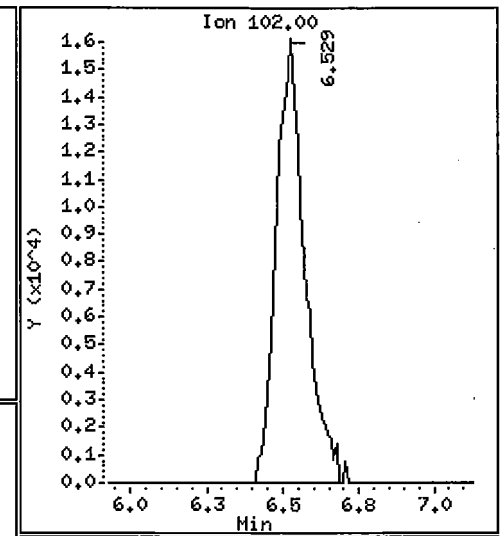
Concentration: 50.09 ug/Kg

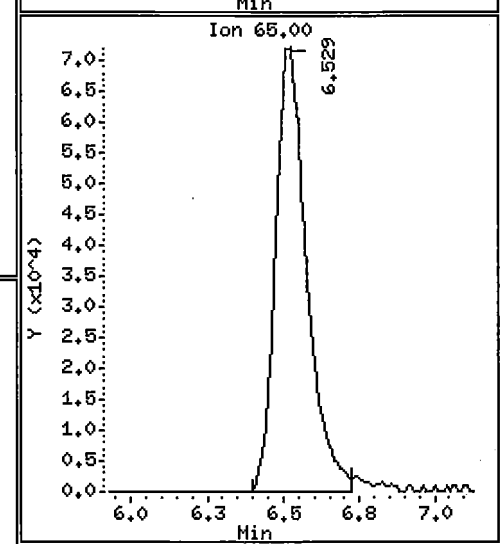












Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13161.D

Date : 18-OCT-2000 13:49

Client ID: D13161

Instrument: md.i

Sample Info: DLJNC101,,2,,0,1,0,8260BDA,M,D13161

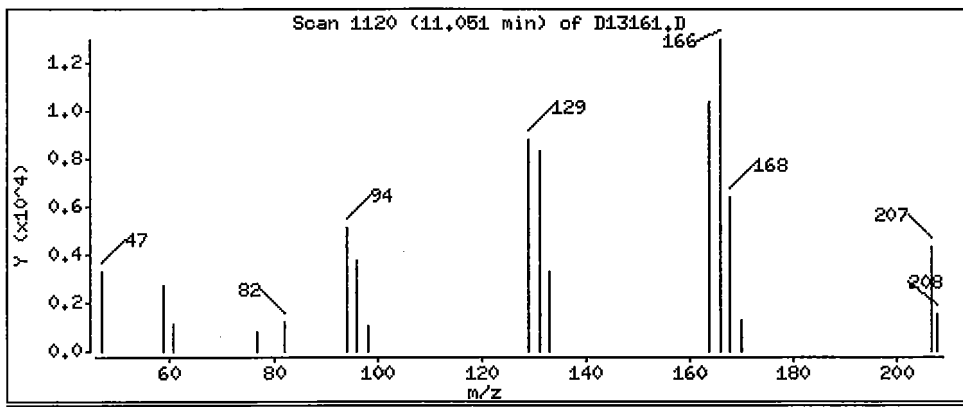
Operator: GFB

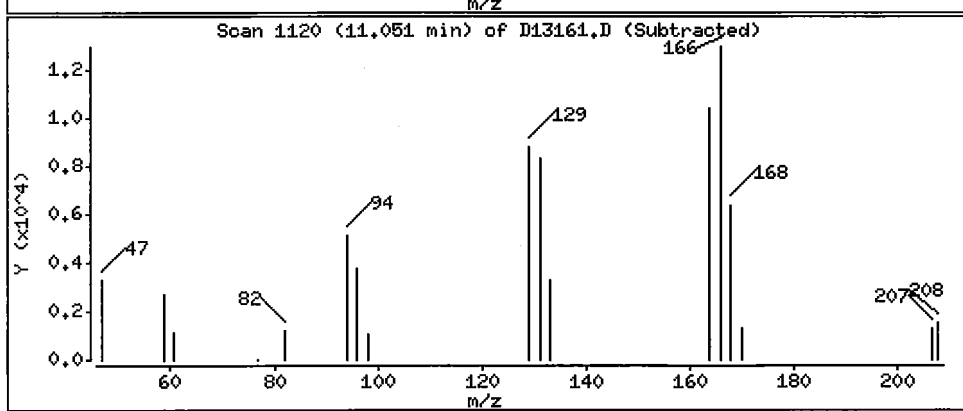
Column phase: J&W DB-624

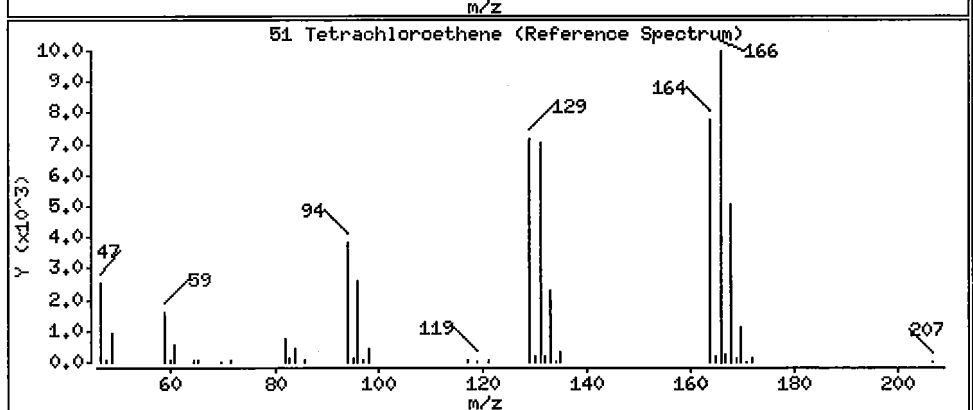
Column diameter: 0.53

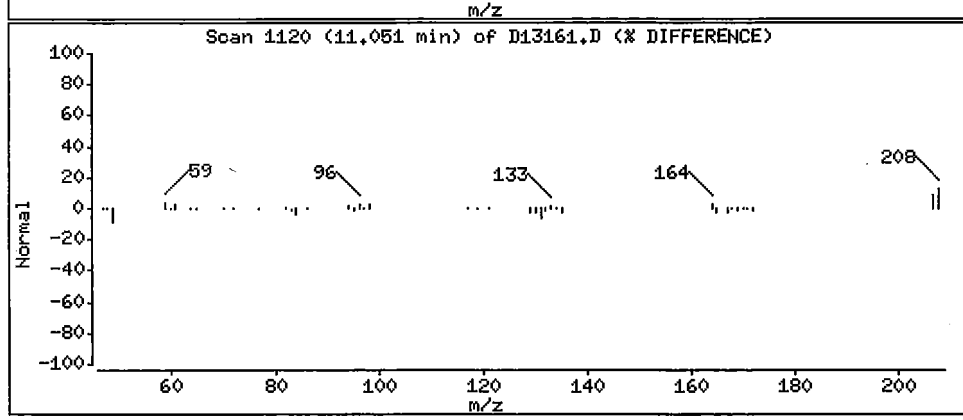
51 Tetrachloroethene

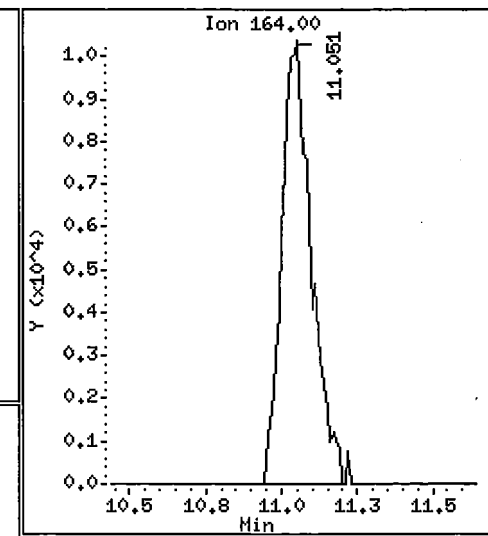
Concentration: 8.46 ug/Kg

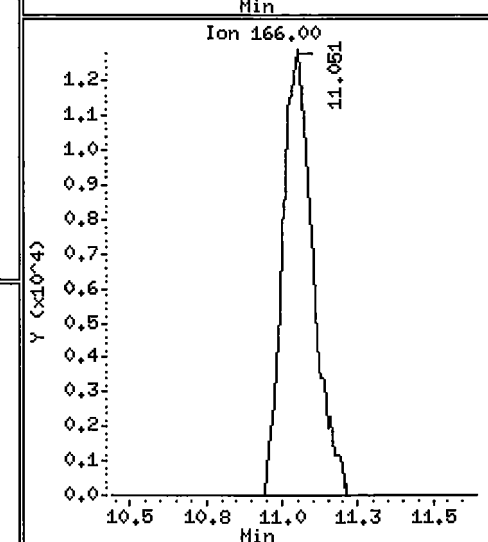


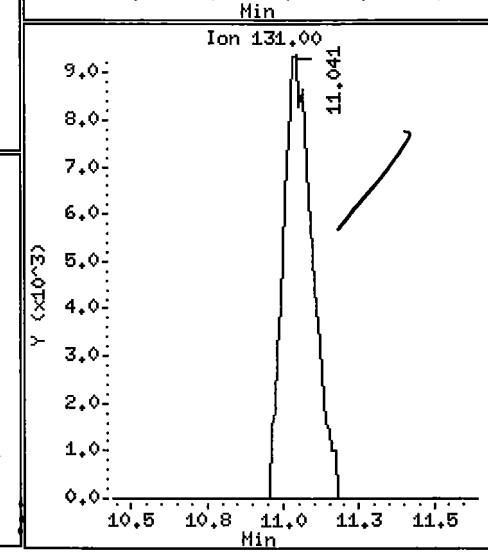












Data File: \\SANP2021\D\CHEM\MD.I\1018AD.B\D13161.D

Date : 18-OCT-2000 13:49

Client ID: D13161

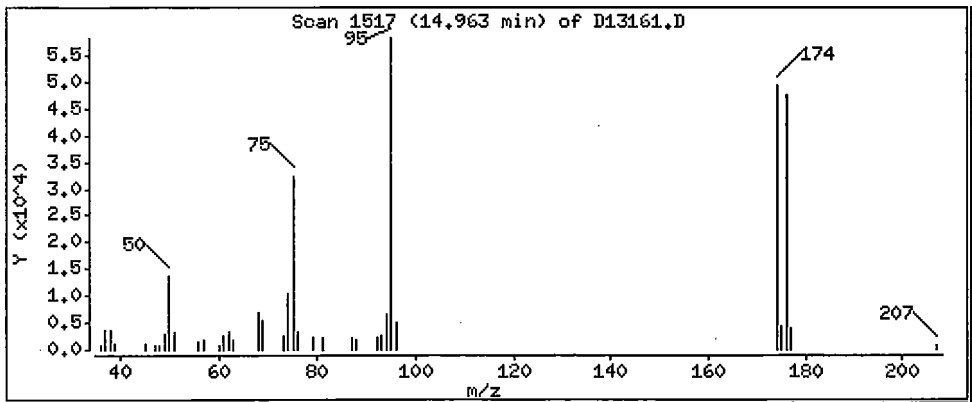
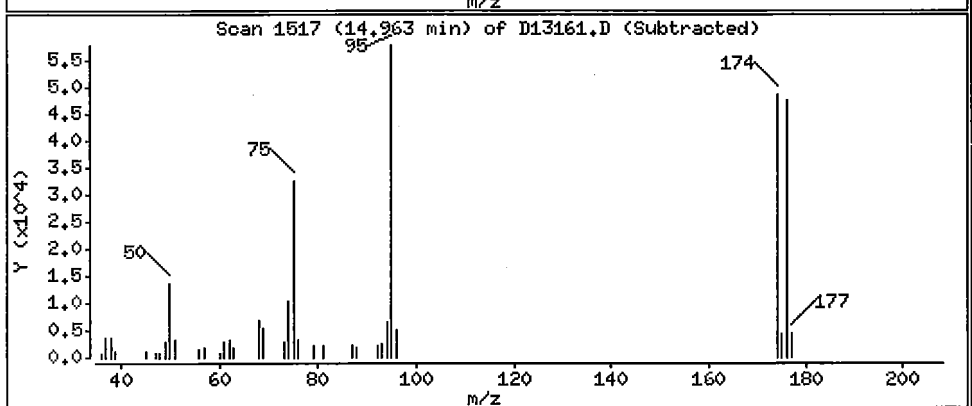
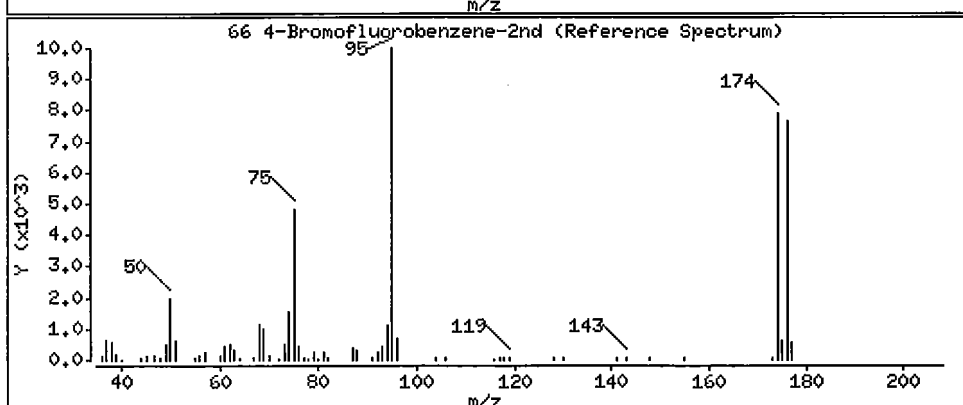
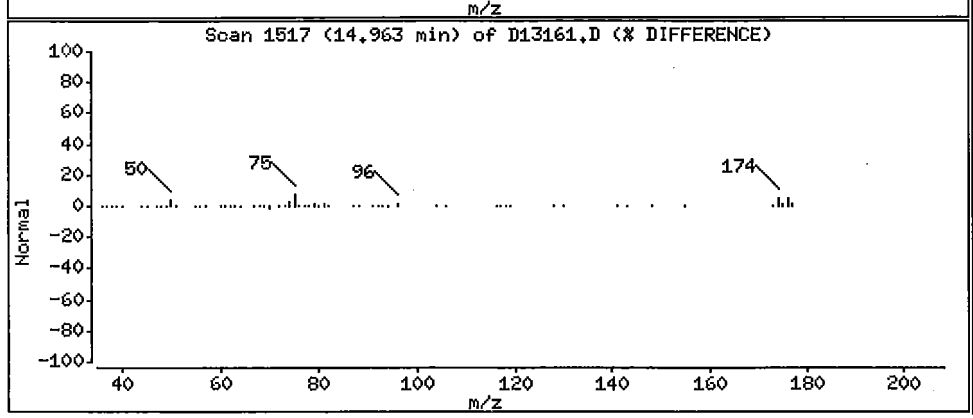
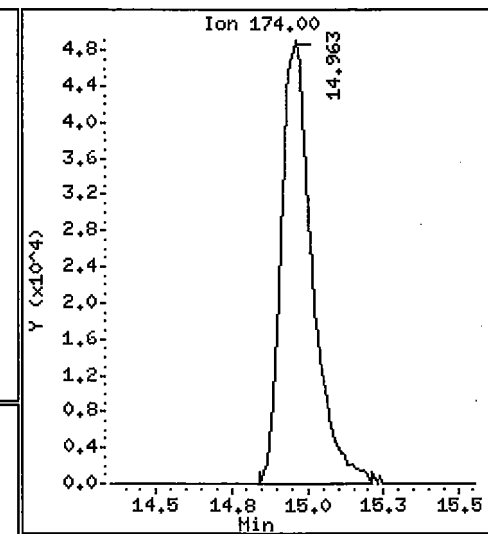
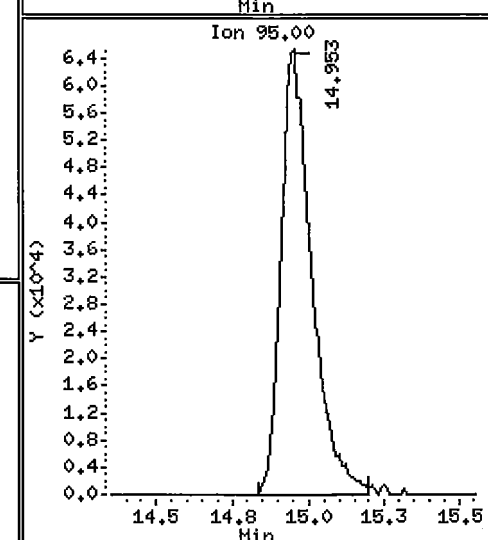
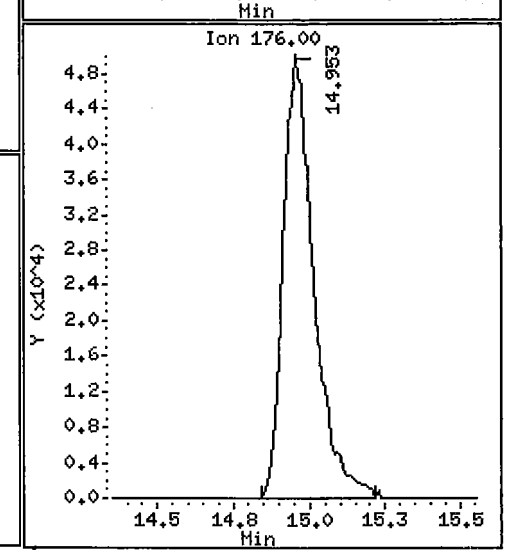
Instrument: md.i

Sample Info: DLJNC101,,2,,0,1,0,8260BDA.M,D13161

Operator: GFB

Column phase: J&W DB-624

Column diameter: 0.53

66 4-Bromofluorobenzene-2nd

Concentration: 56.69 ug/Kg