

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026500.D
 Acq On : 01 Jul 2023 03:12
 Operator : SY/MD
 Sample : 03501-03
 Misc : 5.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46T9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

Signal : TIC: VW026500.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.088	31	33	35	rVB3	1791	1426	0.01%	0.003%
2	2.113	35	37	40	rVB4	1548	1179	0.01%	0.003%
3	2.162	40	45	46	rBV5	2743	3453	0.03%	0.008%
4	2.180	46	48	50	rBV3	1952	1923	0.02%	0.004%
5	2.235	50	57	58	rBV7	5521	11193	0.09%	0.025%
6	2.363	71	78	93	rBV2	152535	420699	3.36%	0.944%
7	2.619	116	120	121	rBV4	4707	5866	0.05%	0.013%
8	2.759	141	143	146	rBV4	2068	2500	0.02%	0.006%
9	2.783	146	147	148	rVV	2456	1186	0.01%	0.003%
10	2.802	148	150	151	rVB2	2880	1476	0.01%	0.003%
11	2.899	156	166	188	rVV	144079	425692	3.40%	0.956%
12	3.192	212	214	215	rBV2	2017	1394	0.01%	0.003%
13	3.228	218	220	224	rVB5	1554	1606	0.01%	0.004%
14	3.381	243	245	248	rBV4	1625	1517	0.01%	0.003%
15	3.521	265	268	269	rBV3	1855	2055	0.02%	0.005%
16	3.545	271	272	274	rVB2	1739	1124	0.01%	0.003%
17	3.661	288	291	292	rBV3	1691	1649	0.01%	0.004%
18	3.741	301	304	305	rBV3	1342	1039	0.01%	0.002%
19	3.777	308	310	311	rVB2	1673	1130	0.01%	0.003%
20	3.789	311	312	314	rBV2	1489	1078	0.01%	0.002%
21	3.856	320	323	325	rBV4	1649	1757	0.01%	0.004%
22	4.021	338	350	363	rBV	258682	885814	7.08%	1.988%
23	4.204	379	380	384	rVB4	2121	1650	0.01%	0.004%
24	4.295	392	395	396	rVB3	1560	1409	0.01%	0.003%
25	4.308	396	397	400	rBV3	1968	1184	0.01%	0.003%
26	4.387	400	410	421	rVB2	11527	39268	0.31%	0.088%
27	4.570	436	440	441	rBV4	1705	1674	0.01%	0.004%
28	4.637	449	451	453	rBV3	1723	2078	0.02%	0.005%
29	4.686	457	459	462	rVB4	1343	1469	0.01%	0.003%
30	4.716	462	464	465	rBV2	1569	1205	0.01%	0.003%
31	4.795	475	477	479	rVB3	1386	1267	0.01%	0.003%
32	4.826	479	482	484	rBV4	1246	1712	0.01%	0.004%
33	4.917	487	497	510	rBV2	19174	70930	0.57%	0.159%
34	5.039	516	517	521	rVB4	1503	1715	0.01%	0.004%
35	5.137	532	533	536	rVB3	1991	1599	0.01%	0.004%
36	5.167	536	538	543	rVB6	2237	3821	0.03%	0.009%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Title : SFAM01.0

37	5.216	543	546	547	rBV3	2224	2133	0.02%	0.005%
38	5.332	563	565	567	rVB3	1268	1074	0.01%	0.002%
39	5.356	567	569	572	rBV4	905	1137	0.01%	0.003%
40	5.423	574	580	591	rVB6	7529	21899	0.18%	0.049%
41	5.661	615	619	620	rVB4	992	1081	0.01%	0.002%
42	5.783	635	639	641	rVB5	1031	1278	0.01%	0.003%
43	5.887	655	656	659	rBV3	1296	1234	0.01%	0.003%
44	5.935	659	664	670	rVV10	2700	6388	0.05%	0.014%
45	6.112	691	693	696	rBV3	1833	2286	0.02%	0.005%
46	6.216	702	710	720	rVB	16015	49397	0.39%	0.111%
47	6.289	720	722	726	rBV5	1017	1129	0.01%	0.003%
48	6.325	726	728	731	rVB4	1672	1903	0.02%	0.004%
49	6.386	731	738	741	rVB9	2393	4333	0.03%	0.010%
50	6.417	741	743	746	rBV4	2083	2702	0.02%	0.006%
51	6.472	750	752	755	rBV4	1410	1656	0.01%	0.004%
52	6.545	761	764	766	rBV4	1689	2002	0.02%	0.004%
53	6.649	780	781	784	rBV3	1083	1074	0.01%	0.002%
54	6.734	793	795	799	rVB5	1470	1517	0.01%	0.003%
55	6.783	799	803	806	rBV6	1423	1523	0.01%	0.003%
56	6.813	806	808	810	rBV3	967	1248	0.01%	0.003%
57	6.892	818	821	824	rVB5	1236	1308	0.01%	0.003%
58	7.008	836	840	841	rBV4	1831	2399	0.02%	0.005%
59	7.075	843	851	858	rBV	85868	238737	1.91%	0.536%
60	7.173	858	867	879	rVB	296438	823486	6.58%	1.849%
61	7.289	884	886	888	rVB3	2415	2069	0.02%	0.005%
62	7.362	896	898	900	rBV3	1364	1213	0.01%	0.003%
63	7.398	902	904	907	rBV4	1487	2012	0.02%	0.005%
64	7.466	914	915	918	rBV3	1853	1964	0.02%	0.004%
65	7.581	932	934	936	rBV3	1300	1565	0.01%	0.004%
66	7.648	936	945	957	rVB	502599	1227591	9.81%	2.756%
67	7.770	960	965	969	rBV7	1682	3509	0.03%	0.008%
68	7.831	972	975	976	rBV3	1608	1228	0.01%	0.003%
69	7.868	976	981	982	rBV5	9278	13981	0.11%	0.031%
70	7.953	993	995	996	rBV2	1711	1424	0.01%	0.003%
71	8.014	1003	1005	1008	rBV4	1312	1379	0.01%	0.003%
72	8.051	1008	1011	1012	rBV3	1493	1647	0.01%	0.004%
73	8.197	1033	1035	1037	rBV3	1545	1268	0.01%	0.003%
74	8.276	1037	1048	1063	rBV2	996736	2952479	23.60%	6.628%
75	8.398	1067	1068	1072	rVB4	2362	2744	0.02%	0.006%
76	8.526	1087	1089	1090	rBV2	2117	1695	0.01%	0.004%

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 Title : SFAM01.0

77	8.551	1090	1093	1096	rVV5	2225	2916	0.02%	0.007%
78	8.599	1099	1101	1103	rBV3	1884	2255	0.02%	0.005%
79	8.679	1113	1114	1115	rBV	2744	1158	0.01%	0.003%
80	8.734	1121	1123	1126	rVB4	3155	3152	0.03%	0.007%
81	8.764	1126	1128	1131	rBV4	2338	2969	0.02%	0.007%
82	8.843	1132	1141	1152	rBV	1182949	2315630	18.51%	5.198%
83	9.087	1173	1181	1190	rBV6	18528	45921	0.37%	0.103%
84	9.270	1203	1211	1222	rBV	712191	1469144	11.74%	3.298%
85	10.032	1330	1336	1345	rBV	362179	648354	5.18%	1.455%
86	10.319	1376	1383	1392	rBV	1344934	2418869	19.33%	5.430%
87	10.575	1419	1425	1432	rBV	217998	381916	3.05%	0.857%
88	10.867	1469	1473	1476	rBV5	14294	21675	0.17%	0.049%
89	10.922	1476	1482	1488	rBV	322700	550047	4.40%	1.235%
90	11.629	1591	1598	1607	rVB	1975742	3301669	26.39%	7.411%
91	12.605	1748	1758	1766	rBV5	142291	529598	4.23%	1.189%
92	12.690	1767	1772	1779	rVB	623937	1021628	8.16%	2.293%
93	12.989	1801	1821	1859	rVB3	1617437	12512593	100.00%	28.088%
94	13.556	1908	1914	1925	rVB	1773819	2917256	23.31%	6.549%
95	13.849	1956	1962	1972	rBV	1354425	2335057	18.66%	5.242%
96	14.848	2115	2126	2141	rVB2	1511146	4743543	37.91%	10.648%
97	15.318	2199	2203	2210	rBV2	95863	174094	1.39%	0.391%
98	15.927	2291	2303	2322	rVB5	252065	1321613	10.56%	2.967%
99	16.275	2354	2360	2368	rBV	207941	433158	3.46%	0.972%
100	16.531	2398	2402	2407	rVB2	54200	95745	0.77%	0.215%

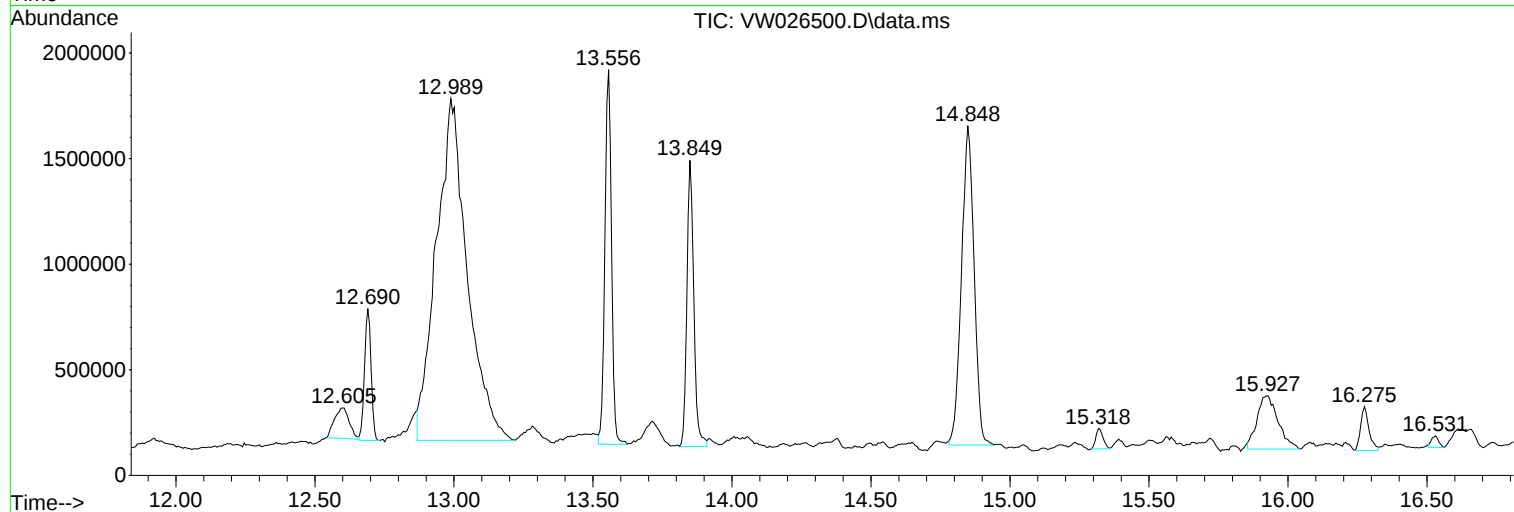
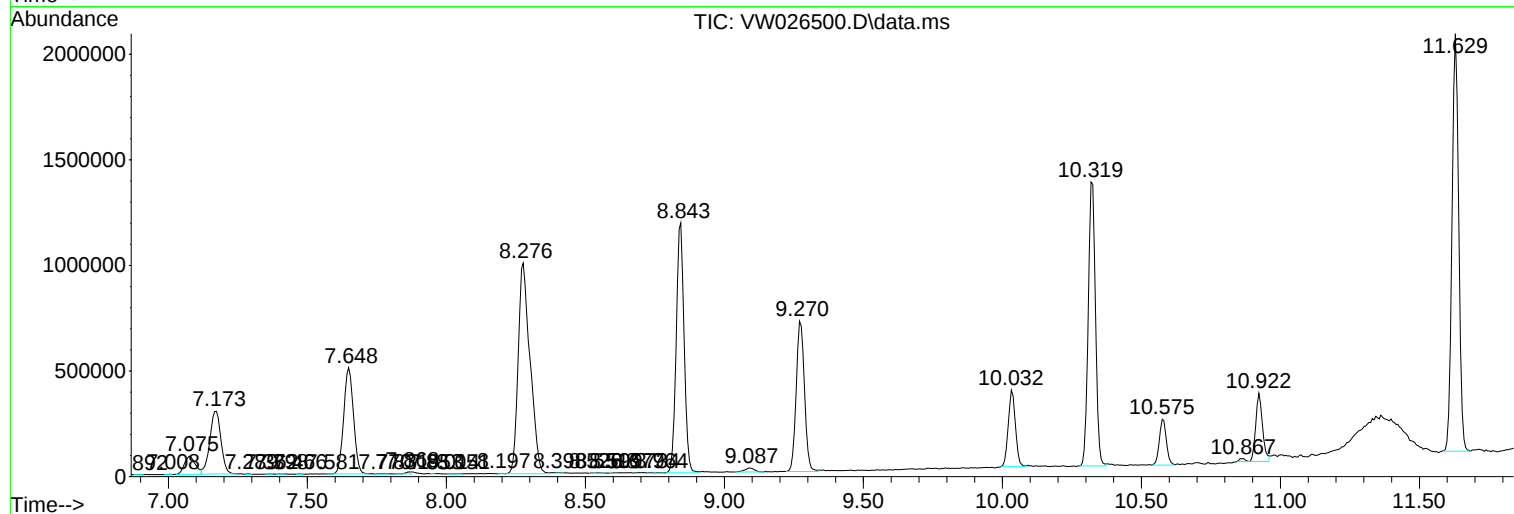
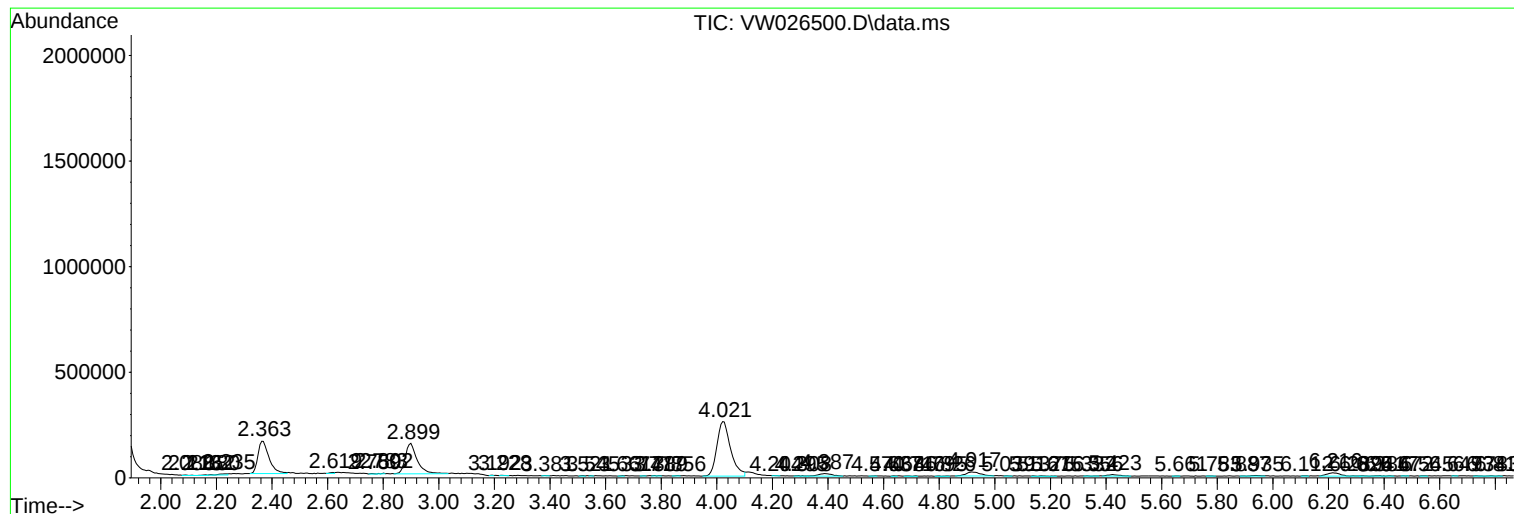
Sum of corrected areas: 44548389

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Instrument :
MSVOA_W
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A46T9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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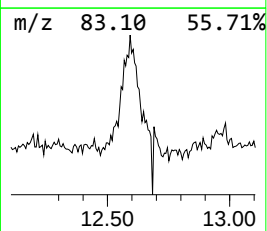
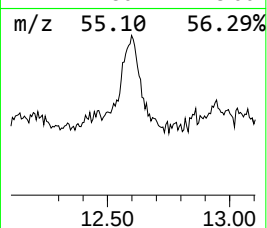
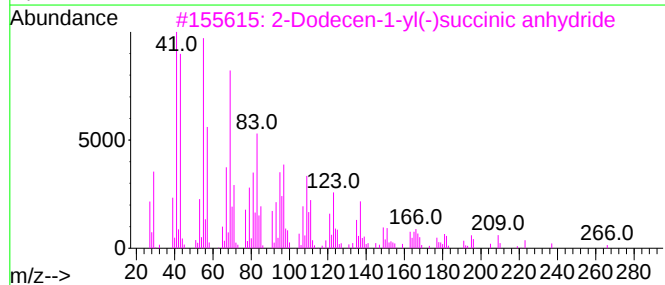
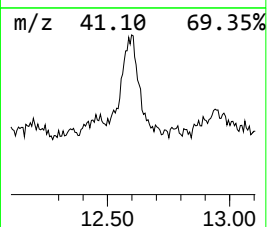
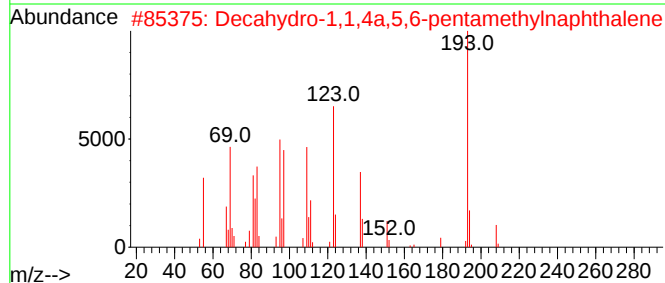
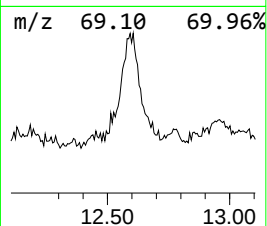
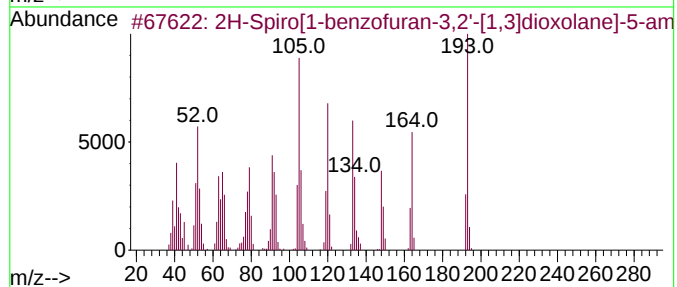
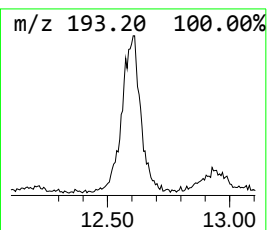
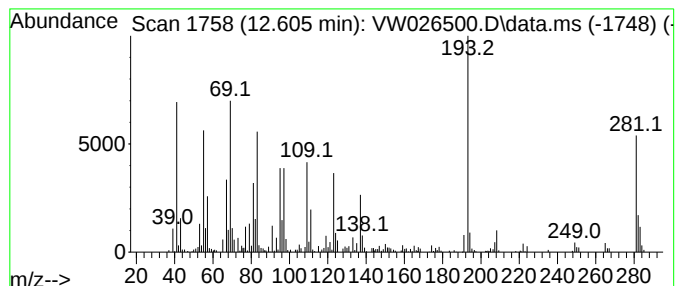
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2H-Spiro[1-benzofuran-3,2'-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.605	4.54 ug/L	529598	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Spiro[1-benzofuran-3,2'-[1,3]...	193	C10H11NO3	1000387-33-4	64
2			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	55
3			2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	38
4			[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	18
5			(4-tert-Butylphenoxy)acetic acid	208	C12H16O3	001798-04-5	18



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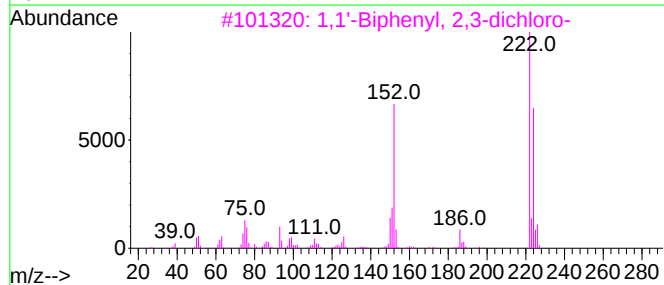
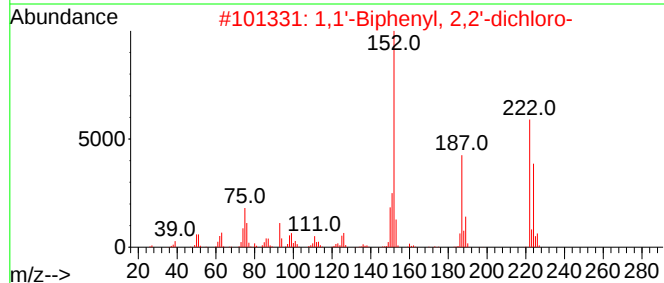
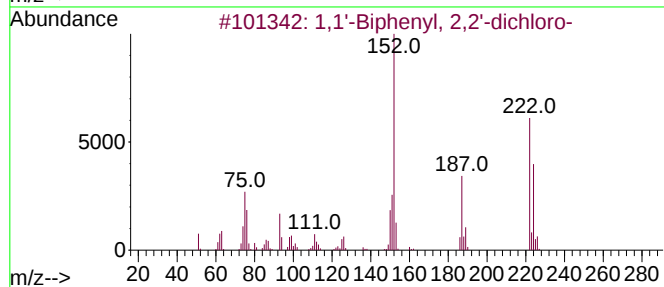
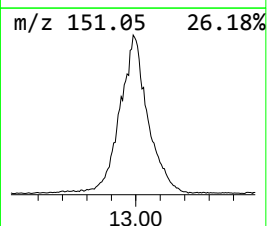
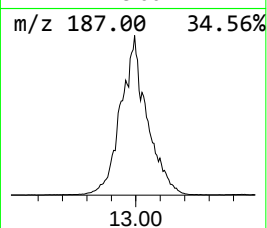
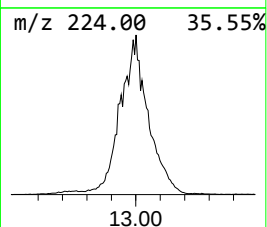
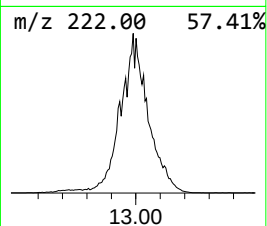
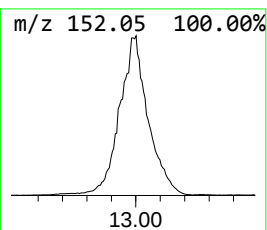
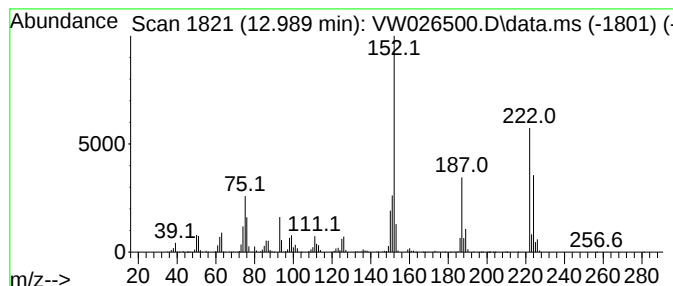
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
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Peak Number 3 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	107.23 ug/L	12512600	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
3	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99		
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
5	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	98		



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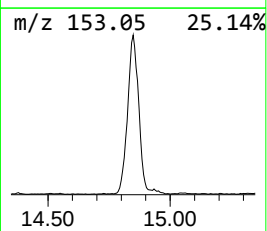
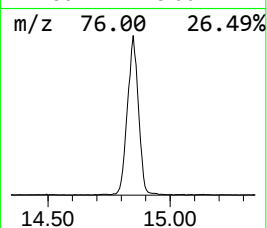
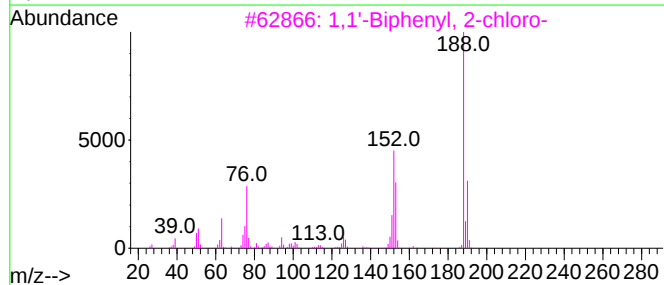
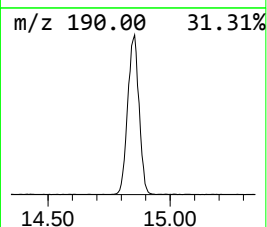
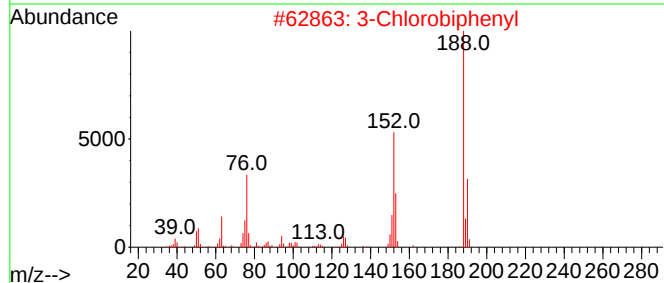
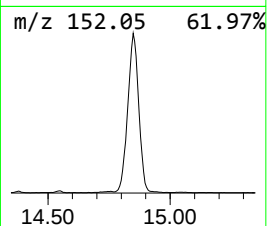
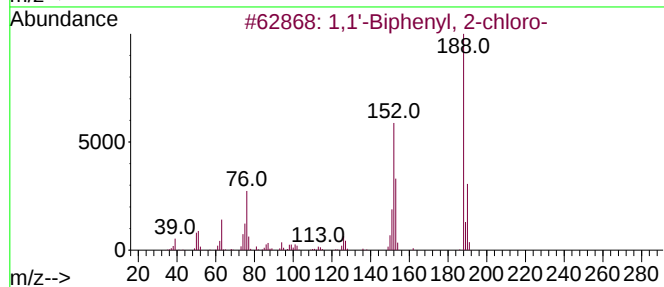
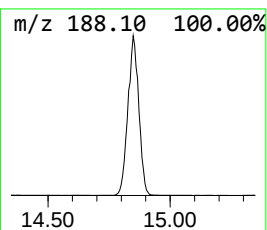
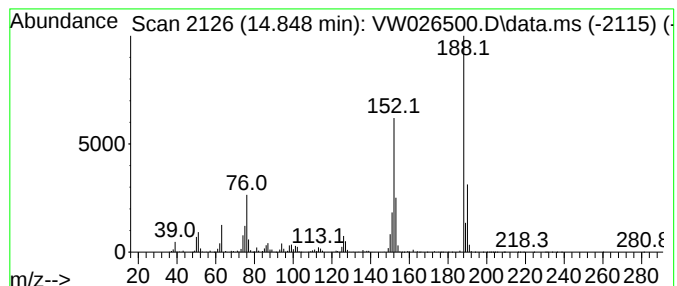
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	40.65 ug/L	4743540	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	99
2			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
3			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
4			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
5			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026500.D
Acq On : 01 Jul 2023 03:12
Operator : SY/MD
Sample : 03501-03
Misc : 5.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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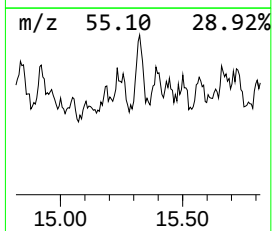
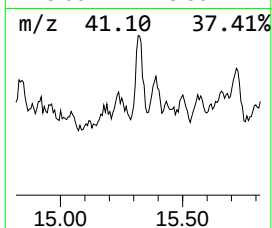
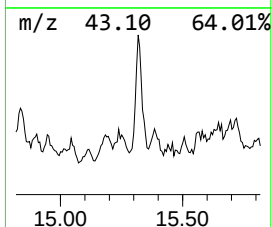
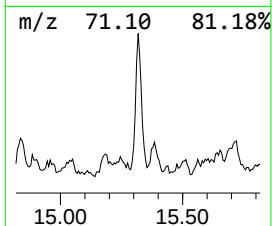
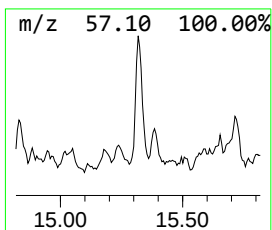
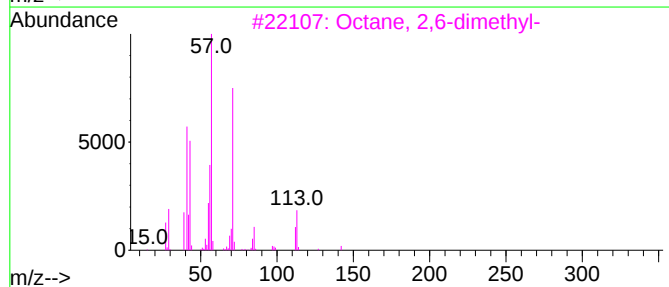
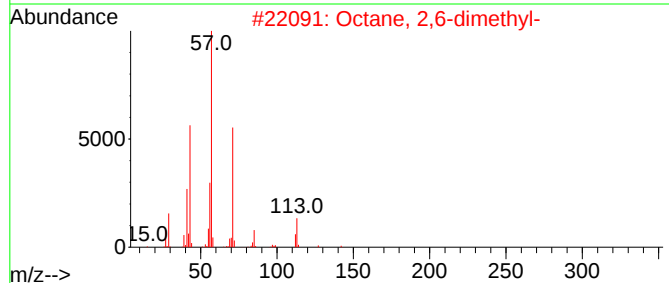
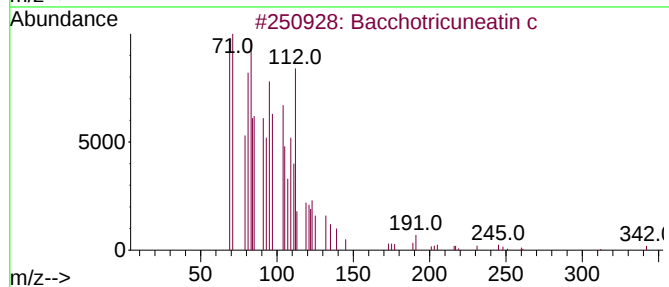
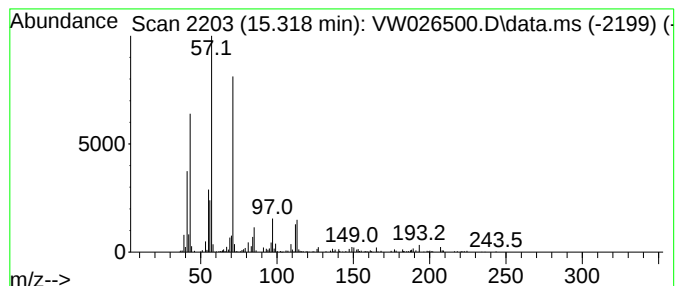
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	1.49 ug/L	174094	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	80
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026500.D
Acq On : 01 Jul 2023 03:12
Operator : SY/MD
Sample : 03501-03
Misc : 5.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T9

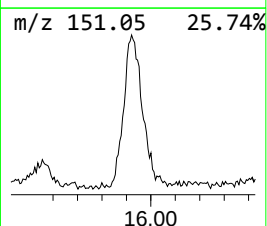
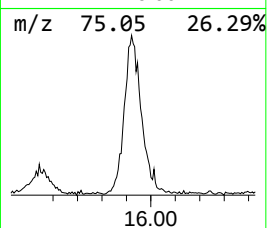
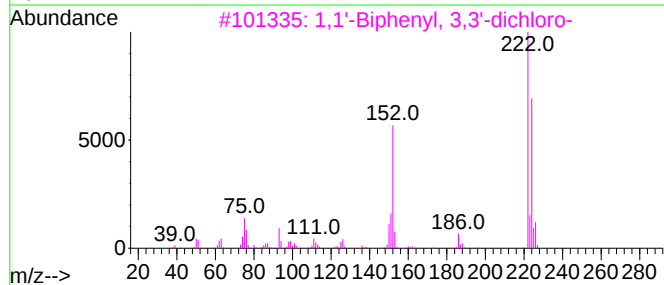
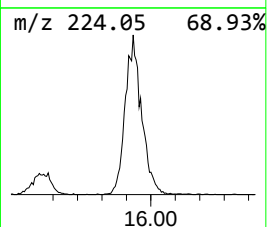
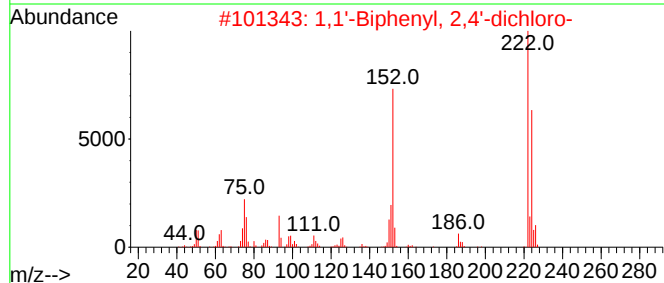
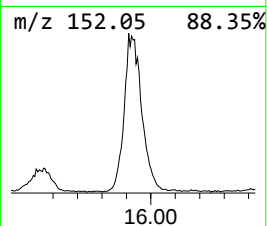
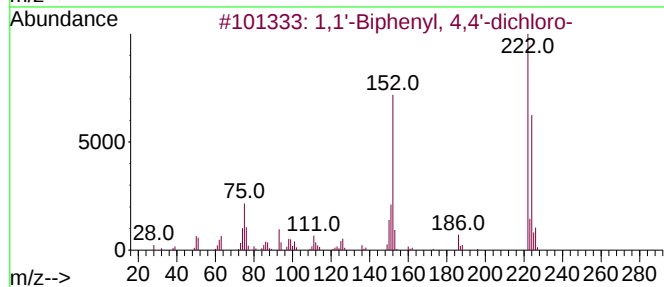
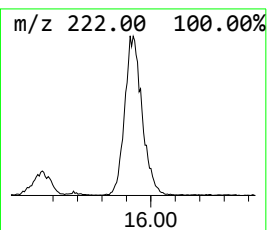
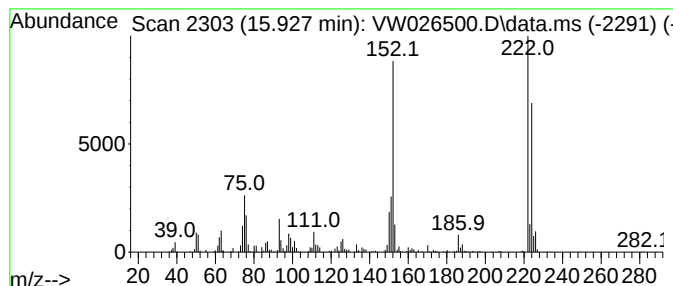
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,1'-Biphenyl, 4,4'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.927	11.33 ug/L	1321610	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	99		
2	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	99		
3	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99		
4	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	99		
5	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	99		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026500.D
Acq On : 01 Jul 2023 03:12
Operator : SY/MD
Sample : 03501-03
Misc : 5.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T9

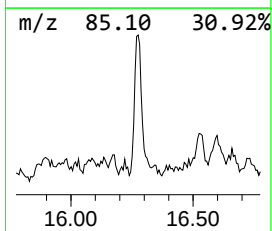
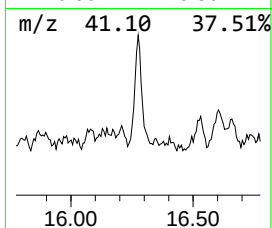
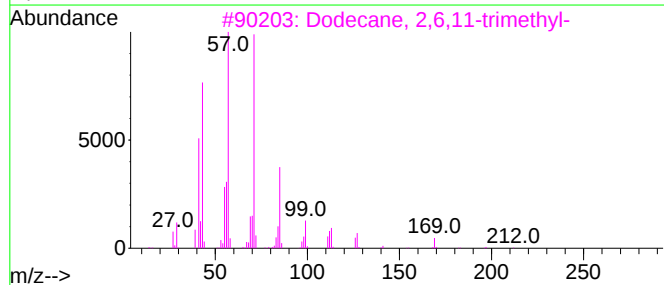
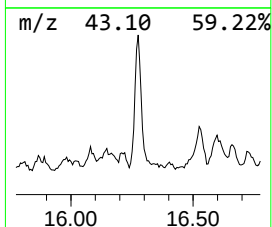
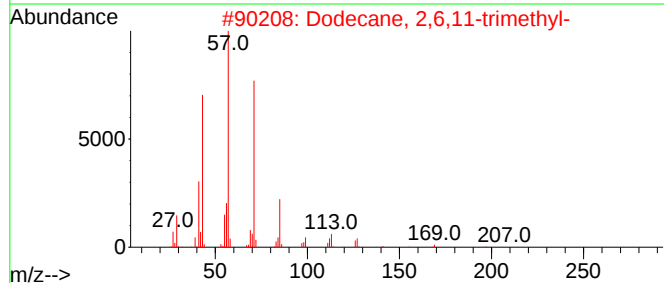
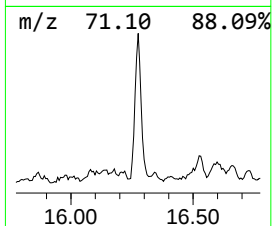
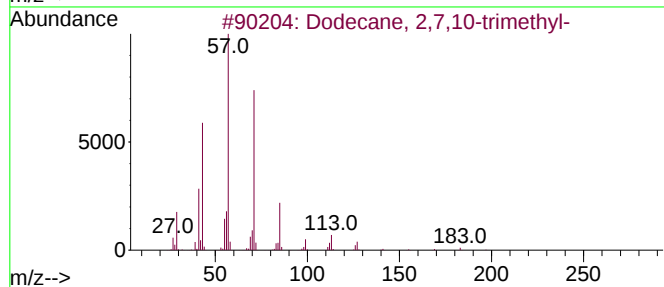
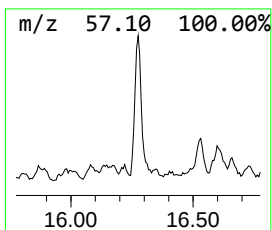
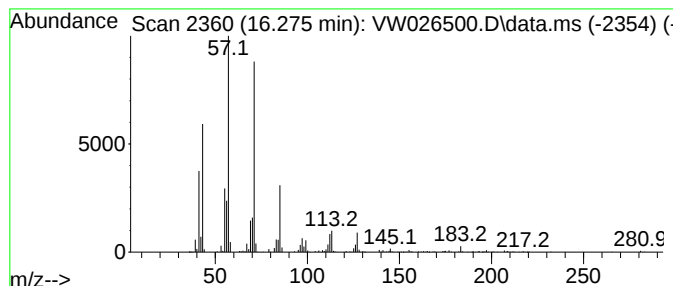
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	3.71 ug/L	433158	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
Data File : VW026500.D
Acq On : 01 Jul 2023 03:12
Operator : SY/MD
Sample : 03501-03
Misc : 5.62g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46T9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2H-Spiro[1-benz...	12.605	4.5	ug/L	529598	3	13.556	2917260	25.0
1,1'-Biphenyl, ...	12.989	107.2	ug/L	12512600	3	13.556	2917260	25.0
1,1'-Biphenyl, ...	14.848	40.6	ug/L	4743540	3	13.556	2917260	25.0
Bacchotricuneat...	15.318	1.5	ug/L	174094	3	13.556	2917260	25.0
1,1'-Biphenyl, ...	15.927	11.3	ug/L	1321610	3	13.556	2917260	25.0
(DEL) Alkane: S...	16.275	3.7	ug/L	433158	3	13.556	2917260	25.0