

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026357.D
 Acq On : 27 Jun 2023 16:14
 Operator : SY/MD
 Sample : 03421-15
 Misc : 4.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46H5

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\SFAMWLM062623SMA.M

Title : SFAM01.0

Signal : TIC: VW026357.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	38	43	46	rBV3	7358	13666	0.35%	0.046%
2	2.216	49	54	55	rBV5	6818	9483	0.24%	0.032%
3	2.235	55	57	58	rVV2	2573	2053	0.05%	0.007%
4	2.363	71	78	93	rBV	152316	409763	10.50%	1.388%
5	2.637	116	123	132	rBV	8276	27468	0.70%	0.093%
6	2.893	158	165	181	rVB	158452	445416	11.41%	1.509%
7	3.186	212	213	216	rVB3	2194	2077	0.05%	0.007%
8	3.484	260	262	264	rVB3	1690	1684	0.04%	0.006%
9	3.509	264	266	267	rBV2	2089	1415	0.04%	0.005%
10	3.533	267	270	273	rBV5	1838	2242	0.06%	0.008%
11	3.741	303	304	307	rVB3	2543	1875	0.05%	0.006%
12	3.771	307	309	310	rBV2	2527	1813	0.05%	0.006%
13	3.850	319	322	326	rVB5	1980	2239	0.06%	0.008%
14	3.917	331	333	337	rVB5	1577	1752	0.04%	0.006%
15	4.021	337	350	366	rBV	329075	1141004	29.23%	3.865%
16	4.265	388	390	392	rVB3	1868	1482	0.04%	0.005%
17	4.295	392	395	396	rBV3	1826	1944	0.05%	0.007%
18	4.314	396	398	400	rVV3	2277	1449	0.04%	0.005%
19	4.375	404	408	409	rVV4	3540	4074	0.10%	0.014%
20	4.393	409	411	419	rVB6	4045	8032	0.21%	0.027%
21	4.521	430	432	436	rVB5	2530	2832	0.07%	0.010%
22	4.564	436	439	441	rBV4	1511	1783	0.05%	0.006%
23	4.917	487	497	510	rBV3	23659	99393	2.55%	0.337%
24	5.063	519	521	525	rVB5	1870	1669	0.04%	0.006%
25	5.112	525	529	531	rVV5	2409	2206	0.06%	0.007%
26	5.143	532	534	538	rVB5	2428	2494	0.06%	0.008%
27	5.417	577	579	582	rBV3	1181	1564	0.04%	0.005%
28	5.454	583	585	587	rVB3	2533	1769	0.05%	0.006%
29	5.515	592	595	598	rBV5	2155	2261	0.06%	0.008%
30	5.661	616	619	624	rVB7	1163	2171	0.06%	0.007%
31	5.710	624	627	629	rBV4	1350	1541	0.04%	0.005%
32	5.935	656	664	665	rVV6	7585	12880	0.33%	0.044%
33	5.947	665	666	670	rVV4	7311	9695	0.25%	0.033%
34	6.063	681	685	687	rVB5	1306	1637	0.04%	0.006%
35	6.118	693	694	697	rVB3	1882	1438	0.04%	0.005%
36	6.143	697	698	700	rBV2	1823	1531	0.04%	0.005%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	6.356	730	733	735	rBV4	1163	1609	0.04%	0.005%
38	6.399	738	740	744	rBV5	1436	1959	0.05%	0.007%
39	6.606	771	774	777	rVB5	1132	1418	0.04%	0.005%
40	6.636	777	779	783	rVB5	1504	2021	0.05%	0.007%
41	6.685	783	787	789	rBV5	1901	2444	0.06%	0.008%
42	6.868	815	817	821	rVB5	1213	1595	0.04%	0.005%
43	6.959	829	832	834	rVB4	1945	1928	0.05%	0.007%
44	7.002	834	839	842	rBV7	2163	3674	0.09%	0.012%
45	7.075	842	851	877	rBV	124525	418231	10.71%	1.417%
46	7.356	896	897	901	rBV4	1627	2050	0.05%	0.007%
47	7.417	905	907	910	rVV4	1533	1810	0.05%	0.006%
48	7.490	916	919	921	rVB4	1735	1715	0.04%	0.006%
49	7.648	934	945	956	rVV	662053	1587117	40.66%	5.376%
50	7.746	959	961	962	rVV2	1593	1500	0.04%	0.005%
51	7.758	962	963	965	rVV2	2428	1852	0.05%	0.006%
52	7.843	976	977	980	rVB3	1998	1473	0.04%	0.005%
53	7.868	980	981	985	rBV4	1722	2497	0.06%	0.008%
54	7.953	992	995	998	rVB5	2799	3644	0.09%	0.012%
55	8.148	1025	1027	1030	rBV4	1831	2129	0.05%	0.007%
56	8.276	1036	1048	1064	rBV2	1289043	3903832	100.00%	13.225%
57	8.410	1066	1070	1074	rVB7	3126	4907	0.13%	0.017%
58	8.453	1074	1077	1079	rVB4	1744	1715	0.04%	0.006%
59	8.502	1082	1085	1087	rBV4	1973	2258	0.06%	0.008%
60	8.843	1130	1141	1150	rBV	1397920	2747306	70.37%	9.307%
61	8.959	1158	1160	1163	rVV4	2124	1727	0.04%	0.006%
62	9.063	1175	1177	1179	rBV3	1720	1817	0.05%	0.006%
63	9.276	1203	1212	1221	rBV	944492	1901537	48.71%	6.442%
64	9.343	1221	1223	1224	rVV2	4401	4412	0.11%	0.015%
65	9.361	1224	1226	1228	rVV3	4119	3890	0.10%	0.013%
66	9.660	1271	1275	1281	rBV9	3808	8052	0.21%	0.027%
67	9.794	1295	1297	1302	rBV6	1811	3190	0.08%	0.011%
68	9.874	1307	1310	1312	rBV4	1421	1652	0.04%	0.006%
69	10.032	1329	1336	1346	rBV	514917	935839	23.97%	3.170%
70	10.160	1355	1357	1359	rVB3	1746	1522	0.04%	0.005%
71	10.233	1367	1369	1370	rBV2	1737	1501	0.04%	0.005%
72	10.245	1370	1371	1374	rVB3	2963	1682	0.04%	0.006%
73	10.319	1374	1383	1391	rBV	1751203	3184352	81.57%	10.787%
74	10.386	1391	1394	1400	rVB2	17418	31413	0.80%	0.106%
75	10.489	1408	1411	1412	rBV3	1465	1902	0.05%	0.006%
76	10.508	1412	1414	1417	rVV4	2343	2967	0.08%	0.010%

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 Title : SFAM01.0

77	10.575	1417	1425	1436	rVV	327936	590139	15.12%	1.999%
78	10.703	1439	1446	1453	rBV2	16259	32829	0.84%	0.111%
79	10.849	1464	1470	1475	rVV10	2377	4550	0.12%	0.015%
80	10.922	1475	1482	1495	rBV	443320	772314	19.78%	2.616%
81	11.075	1503	1507	1515	rVB10	3614	8696	0.22%	0.029%
82	11.142	1515	1518	1519	rBV3	2125	2185	0.06%	0.007%
83	11.276	1539	1540	1541	rBV	3286	1859	0.05%	0.006%
84	11.629	1590	1598	1608	rVV	1932864	3307233	84.72%	11.204%
85	11.709	1608	1611	1621	rVV2	13610	27922	0.72%	0.095%
86	12.001	1655	1659	1660	rBV4	1727	2063	0.05%	0.007%
87	12.093	1671	1674	1675	rBV3	3205	3447	0.09%	0.012%
88	12.178	1684	1688	1696	rVB9	6068	14101	0.36%	0.048%
89	12.477	1732	1737	1741	rVB7	6833	12358	0.32%	0.042%
90	12.556	1748	1750	1751	rBV2	4552	3569	0.09%	0.012%
91	12.599	1751	1757	1765	rVB3	22684	50331	1.29%	0.171%
92	12.690	1765	1772	1781	rBV	712435	1157033	29.64%	3.920%
93	13.001	1802	1823	1825	rBV4	75269	357192	9.15%	1.210%
94	13.556	1907	1914	1926	rBV	1942918	3074636	78.76%	10.416%
95	13.641	1926	1928	1934	rVB4	8654	12979	0.33%	0.044%
96	13.848	1955	1962	1976	rBV	1708854	2826212	72.40%	9.574%
97	14.062	1994	1997	2001	rBV3	8628	11875	0.30%	0.040%
98	14.580	2080	2082	2083	rBV2	5223	4477	0.11%	0.015%
99	14.854	2119	2127	2137	rVB2	65584	214730	5.50%	0.727%
100	15.318	2201	2203	2207	rVB5	8877	10940	0.28%	0.037%

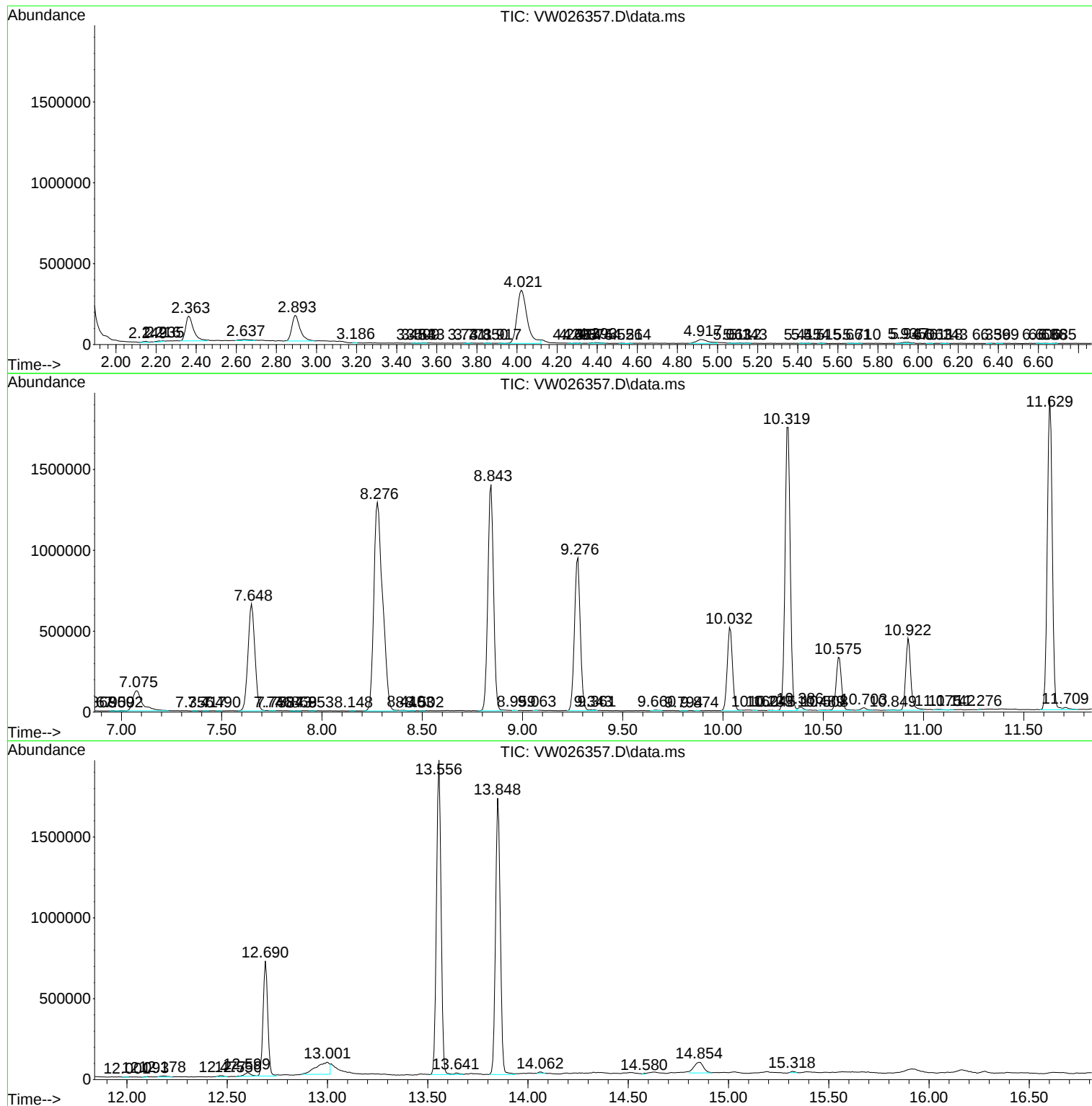
Sum of corrected areas: 29519604

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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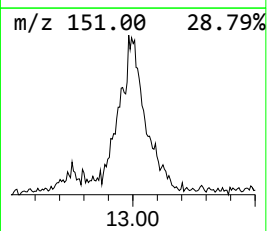
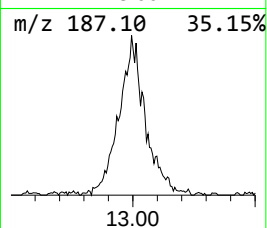
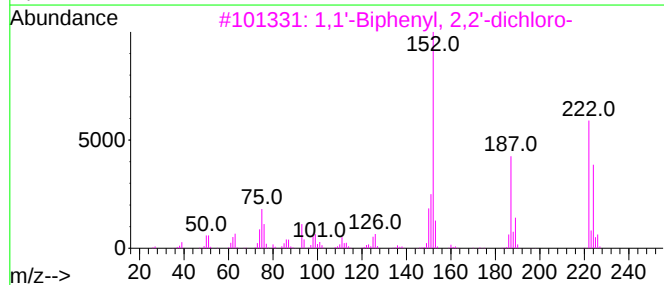
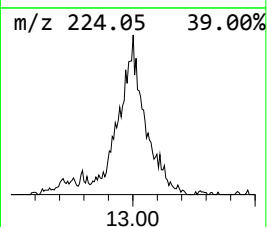
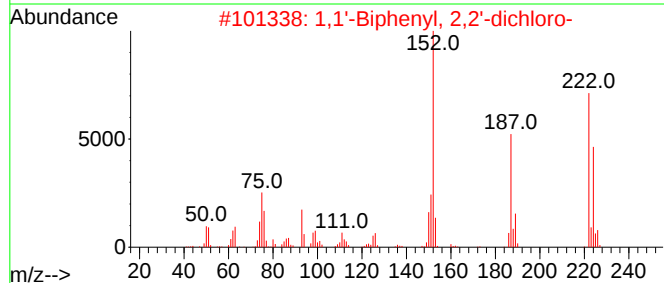
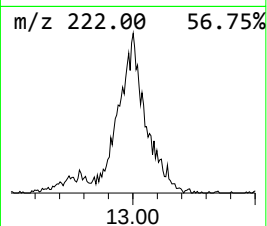
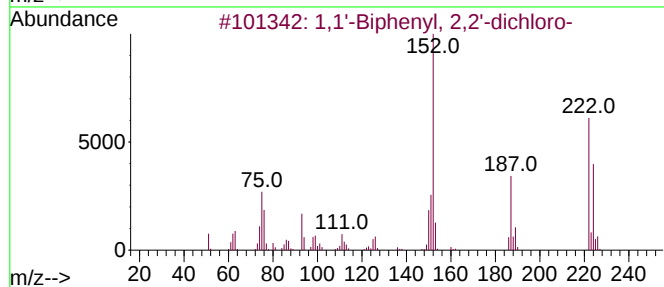
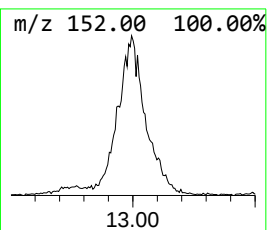
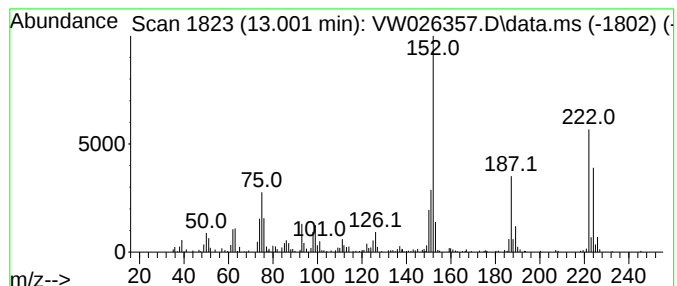
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.001	2.90 ug/L	357192	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	98		
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98		
4	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	97		
5	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97		



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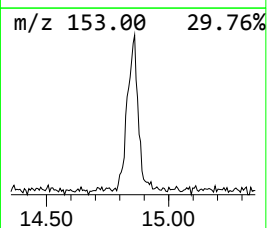
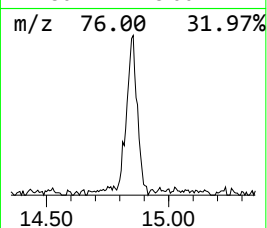
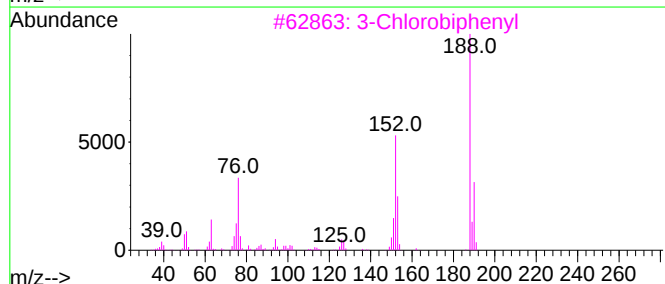
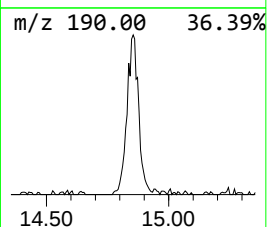
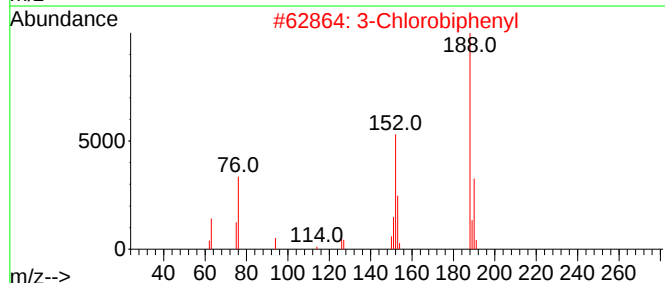
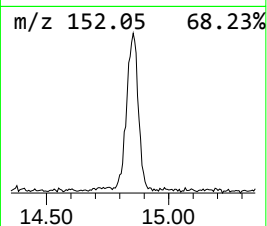
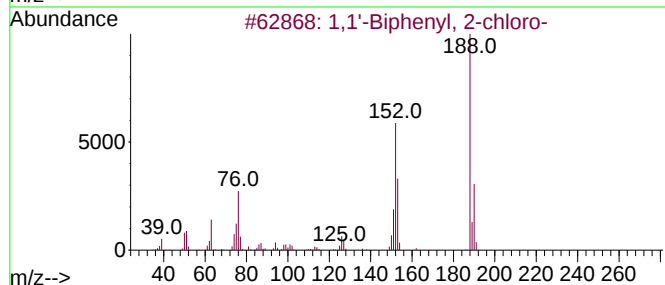
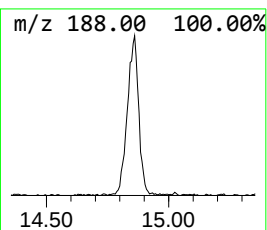
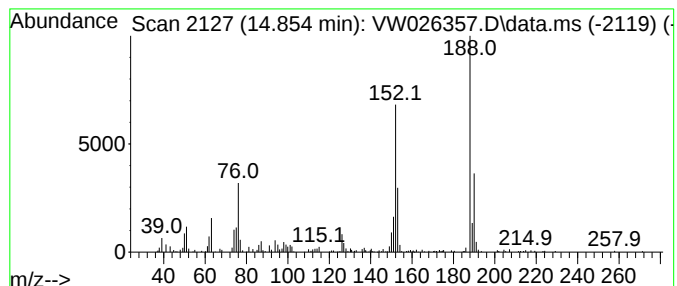
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 1,1'-Biphenyl, 2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.854	1.75 ug/L	214730	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	99
3			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	99
4			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	98
5			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	96



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	13.001	2.9	ug/L	357192	3	13.556	3074640	25.0
1,1'-Biphenyl, ...	14.854	1.8	ug/L	214730	3	13.556	3074640	25.0