

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026457.D
 Acq On : 30 Jun 2023 01:15
 Operator : SY/MD
 Sample : 03452-14
 Misc : 5.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46P4

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: VW026457.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	38	42	47	rBV	13821	22355	0.46%	0.075%
2	2.216	50	54	55	rBV4	6262	8658	0.18%	0.029%
3	2.363	70	78	94	rBV	125450	350155	7.26%	1.176%
4	2.893	158	165	182	rBV	146150	409778	8.50%	1.377%
5	3.125	201	203	208	rBV5	3425	5199	0.11%	0.017%
6	3.222	216	219	221	rVB4	2413	2139	0.04%	0.007%
7	3.259	223	225	229	rVB5	910	1184	0.02%	0.004%
8	3.332	236	237	241	rVB4	1408	1572	0.03%	0.005%
9	3.375	241	244	245	rBV3	1985	2423	0.05%	0.008%
10	3.533	267	270	272	rBV4	1071	1221	0.03%	0.004%
11	3.588	277	279	280	rBV2	1461	1149	0.02%	0.004%
12	3.667	289	292	294	rBV4	1991	2446	0.05%	0.008%
13	3.734	298	303	306	rVB7	1927	3529	0.07%	0.012%
14	3.808	313	315	318	rVB4	2161	2208	0.05%	0.007%
15	3.875	324	326	329	rVB3	2111	2015	0.04%	0.007%
16	3.899	329	330	332	rBV2	1365	1110	0.02%	0.004%
17	4.027	339	351	363	rBV	255775	876904	18.19%	2.946%
18	4.198	377	379	382	rVB4	1806	1211	0.03%	0.004%
19	4.387	404	410	423	rVB	8061	28581	0.59%	0.096%
20	4.496	423	428	431	rBV7	1456	1887	0.04%	0.006%
21	4.545	434	436	443	rVB8	1162	2450	0.05%	0.008%
22	4.594	443	444	447	rBV3	1103	1346	0.03%	0.005%
23	4.624	447	449	452	rVB4	2522	2610	0.05%	0.009%
24	4.673	452	457	458	rBV6	1842	3005	0.06%	0.010%
25	4.698	458	461	462	rBV3	1297	1319	0.03%	0.004%
26	4.734	464	467	471	rVB6	1750	2616	0.05%	0.009%
27	4.801	475	478	480	rBV4	1254	1434	0.03%	0.005%
28	4.923	484	498	509	rBV3	16177	62166	1.29%	0.209%
29	5.051	518	519	522	rVV3	1382	1313	0.03%	0.004%
30	5.106	522	528	534	rVV9	2114	5187	0.11%	0.017%
31	5.185	538	541	545	rVB6	1916	2253	0.05%	0.008%
32	5.228	545	548	550	rBV4	2012	2557	0.05%	0.009%
33	5.246	550	551	554	rVB3	1687	1227	0.03%	0.004%
34	5.289	554	558	559	rVB4	1214	1409	0.03%	0.005%
35	5.374	570	572	575	rBV4	1646	1798	0.04%	0.006%
36	5.466	586	587	591	rBV4	1199	1418	0.03%	0.005%

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 Title : SFAM01.0

37	5.533	596	598	601	rBV4	1670	1671	0.03%	0.006%
38	5.624	611	613	615	rBV3	1449	1199	0.02%	0.004%
39	5.746	630	633	636	rVB5	1308	1418	0.03%	0.005%
40	5.777	636	638	643	rVB6	2043	2839	0.06%	0.010%
41	5.819	643	645	650	rBV6	1944	2753	0.06%	0.009%
42	5.868	650	653	654	rVB3	1814	1408	0.03%	0.005%
43	5.935	654	664	665	rBV10	7666	15894	0.33%	0.053%
44	6.014	676	677	680	rVB3	1452	1180	0.02%	0.004%
45	6.039	680	681	683	rBV2	1894	1503	0.03%	0.005%
46	6.112	692	693	697	rVB4	1582	1731	0.04%	0.006%
47	6.240	710	714	715	rBV4	1944	1497	0.03%	0.005%
48	6.295	720	723	726	rVB5	1458	1579	0.03%	0.005%
49	6.338	726	730	734	rVB7	2252	3056	0.06%	0.010%
50	6.374	734	736	737	rBV2	1348	1282	0.03%	0.004%
51	6.441	745	747	749	rVB3	1905	1665	0.03%	0.006%
52	6.484	752	754	757	rBV4	1709	1662	0.03%	0.006%
53	6.551	762	765	768	rBV5	1118	1236	0.03%	0.004%
54	6.600	768	773	774	rBV5	1175	1456	0.03%	0.005%
55	6.649	779	781	783	rVB2	1539	1397	0.03%	0.005%
56	6.691	786	788	789	rBV2	1401	1218	0.03%	0.004%
57	6.709	789	791	792	rBV2	1282	1203	0.02%	0.004%
58	6.868	816	817	821	rVB4	1809	1757	0.04%	0.006%
59	6.929	825	827	828	rVB2	1731	1153	0.02%	0.004%
60	6.953	828	831	835	rBV6	2153	3418	0.07%	0.011%
61	6.996	835	838	841	rVB5	2169	2951	0.06%	0.010%
62	7.075	841	851	865	rBV	91130	292398	6.07%	0.982%
63	7.337	891	894	896	rVB4	1362	1518	0.03%	0.005%
64	7.404	901	905	909	rVB7	1580	2426	0.05%	0.008%
65	7.453	909	913	915	rBV5	1604	2279	0.05%	0.008%
66	7.502	915	921	922	rBV6	1576	2318	0.05%	0.008%
67	7.539	925	927	932	rBV5	1297	1437	0.03%	0.005%
68	7.648	934	945	959	rBV	503169	1234388	25.61%	4.147%
69	7.758	959	963	965	rBV5	1593	1557	0.03%	0.005%
70	7.831	973	975	977	rBV3	1632	1513	0.03%	0.005%
71	8.118	1021	1022	1026	rBV4	1438	1194	0.02%	0.004%
72	8.160	1028	1029	1032	rBV3	1433	1405	0.03%	0.005%
73	8.276	1037	1048	1064	rBV2	996809	2946722	61.13%	9.899%
74	8.386	1064	1066	1069	rVV4	2346	2710	0.06%	0.009%
75	8.410	1069	1070	1073	rVV3	1547	1243	0.03%	0.004%
76	8.435	1073	1074	1077	rVB3	1949	1502	0.03%	0.005%

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 Title : SFAM01.0

77	8.551	1092	1093	1098	rVB5	1837	1751	0.04%	0.006%
78	8.697	1115	1117	1122	rVB6	1598	2027	0.04%	0.007%
79	8.758	1125	1127	1130	rBV4	2684	3102	0.06%	0.010%
80	8.843	1130	1141	1150	rBV	1113108	2242601	46.52%	7.534%
81	9.154	1188	1192	1195	rBV6	2549	3695	0.08%	0.012%
82	9.270	1203	1211	1222	rBV	708124	1448755	30.05%	4.867%
83	9.380	1227	1229	1233	rVB4	2940	2828	0.06%	0.010%
84	9.428	1235	1237	1239	rVV3	2488	1944	0.04%	0.007%
85	9.874	1308	1310	1311	rBV2	2016	1483	0.03%	0.005%
86	10.032	1329	1336	1346	rBV	358926	663891	13.77%	2.230%
87	10.197	1361	1363	1364	rVB2	2786	1391	0.03%	0.005%
88	10.325	1376	1384	1392	rBV	1314034	2365082	49.06%	7.945%
89	10.380	1392	1393	1397	rVB4	5316	6006	0.12%	0.020%
90	10.575	1419	1425	1434	rBV	273517	480081	9.96%	1.613%
91	10.703	1443	1446	1451	rVB2	11301	17333	0.36%	0.058%
92	10.849	1467	1470	1471	rBV3	5378	6975	0.14%	0.023%
93	10.922	1476	1482	1495	rVV	403496	724974	15.04%	2.435%
94	11.629	1591	1598	1607	rBV	1871426	3128912	64.91%	10.511%
95	12.690	1766	1772	1782	rVB	608145	1003918	20.82%	3.373%
96	12.989	1795	1821	1850	rBV4	648062	4820735	100.00%	16.195%
97	13.556	1908	1914	1926	rVB	1488430	2440648	50.63%	8.199%
98	13.696	1933	1937	1939	rBV5	29901	49392	1.02%	0.166%
99	13.848	1956	1962	1979	rBV	1178166	2012125	41.74%	6.759%
100	14.848	2116	2126	2139	rVB	622864	1965224	40.77%	6.602%

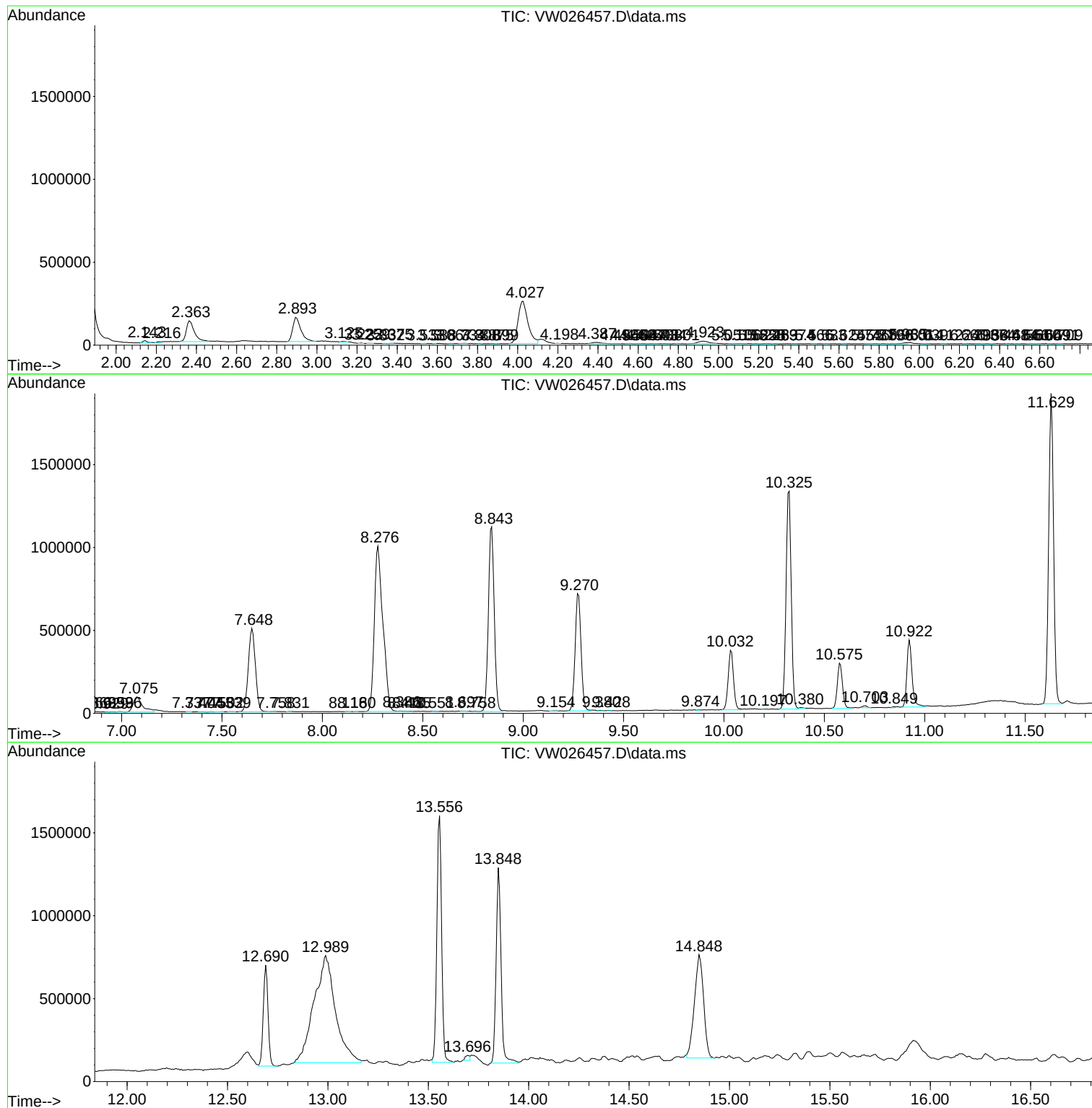
Sum of corrected areas: 29767441

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MSVOA_W
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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



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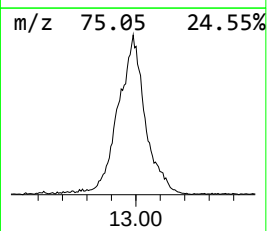
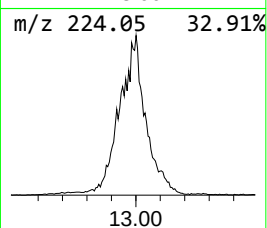
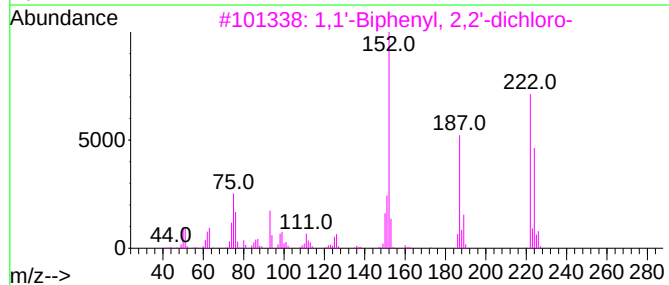
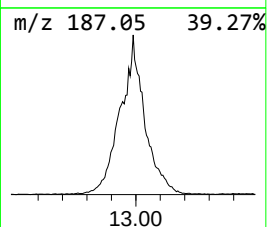
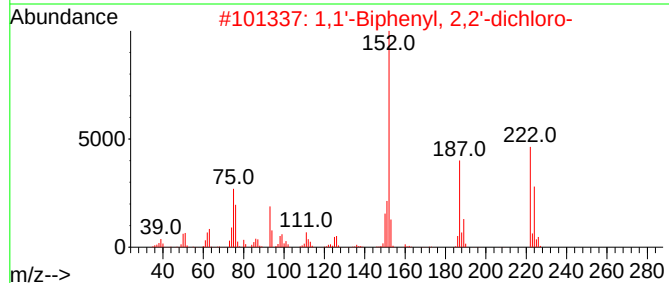
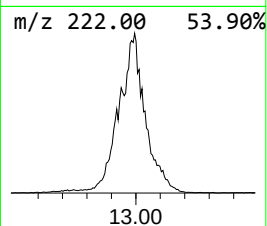
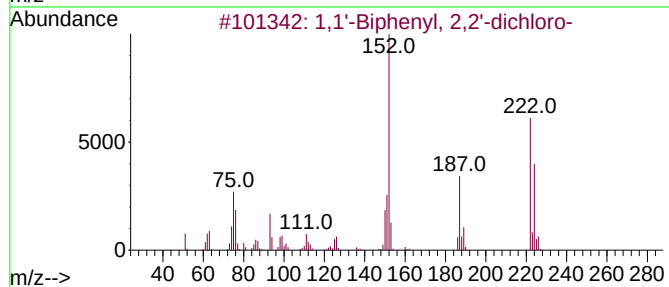
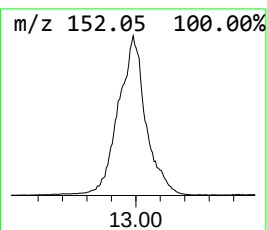
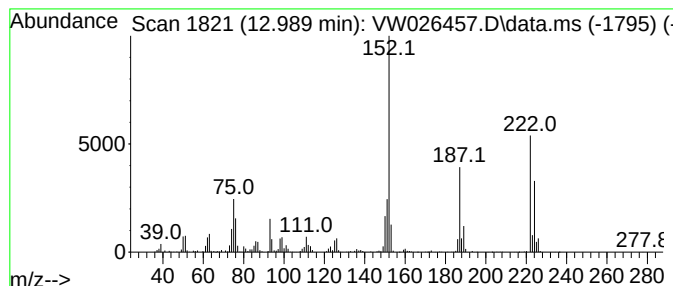
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	49.38 ug/L	4820740	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, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98		



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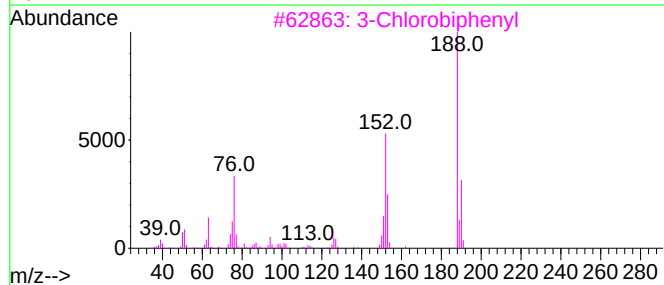
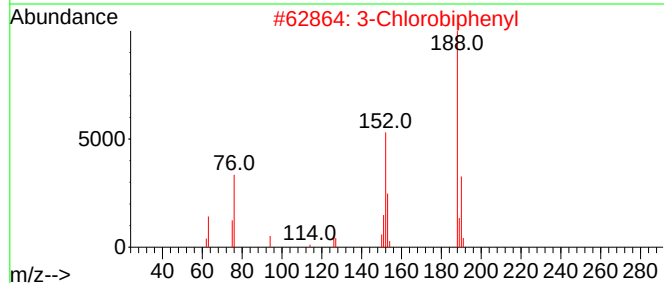
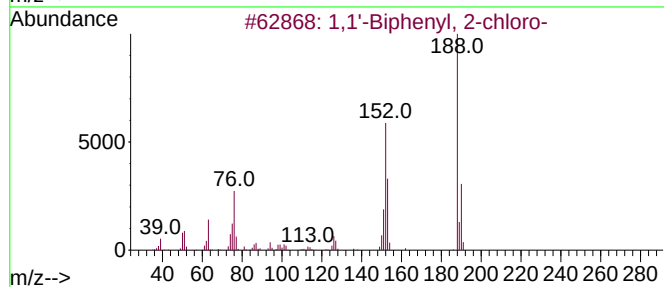
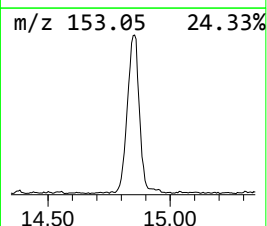
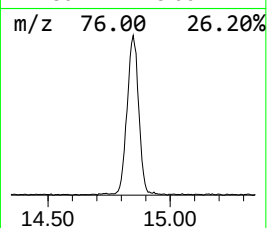
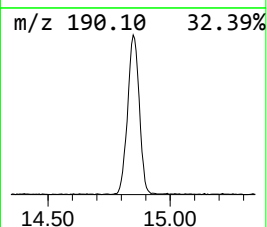
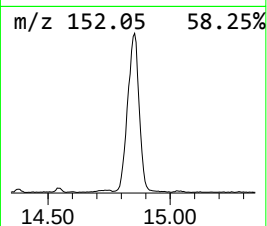
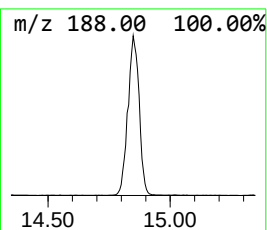
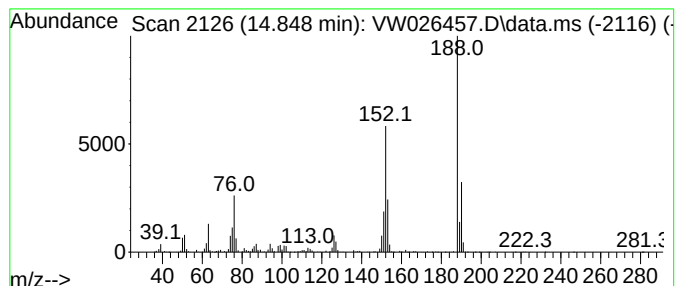
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,1'-Biphenyl, 2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	20.13 ug/L	1965220	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	98
3			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	98
4			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
5			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97



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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, ...	12.989	49.4	ug/L	4820740	3	13.556	2440650	25.0
1,1'-Biphenyl, ...	14.848	20.1	ug/L	1965220	3	13.556	2440650	25.0