

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026360.D
 Acq On : 27 Jun 2023 17:26
 Operator : SY/MD
 Sample : 03421-18
 Misc : 5.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4631

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: VW026360.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.167	41	46	47	rBV4	3716	5448	0.13%	0.018%
2	2.210	48	53	54	rBV5	4965	6873	0.17%	0.023%
3	2.363	71	78	97	rBV	170800	485520	11.83%	1.619%
4	2.661	125	127	129	rBV3	3311	3137	0.08%	0.010%
5	2.899	158	166	183	rVB	185574	516215	12.58%	1.721%
6	3.210	216	217	220	rVB3	1846	1714	0.04%	0.006%
7	3.259	224	225	228	rVB3	2169	1516	0.04%	0.005%
8	3.387	244	246	248	rBV3	2376	2390	0.06%	0.008%
9	3.460	256	258	260	rBV3	1428	1583	0.04%	0.005%
10	3.686	292	295	296	rVV3	1982	1470	0.04%	0.005%
11	3.734	299	303	304	rVV4	1293	1607	0.04%	0.005%
12	3.746	304	305	307	rVV2	1874	1464	0.04%	0.005%
13	3.765	307	308	313	rVV5	1769	1439	0.04%	0.005%
14	3.905	328	331	334	rVB5	1805	2190	0.05%	0.007%
15	4.021	338	350	381	rBV	369816	1326099	32.32%	4.422%
16	4.216	381	382	385	rVV2	1425	1754	0.04%	0.006%
17	4.313	395	398	401	rBV4	1665	1828	0.04%	0.006%
18	4.368	404	407	408	rBV3	1929	1558	0.04%	0.005%
19	4.393	410	411	415	rVB4	2537	1797	0.04%	0.006%
20	4.490	423	427	430	rVB6	1803	2175	0.05%	0.007%
21	4.856	484	487	488	rBV3	1892	1988	0.05%	0.007%
22	4.923	488	498	511	rVV3	25264	97465	2.38%	0.325%
23	5.008	511	512	515	rVV3	2673	2711	0.07%	0.009%
24	5.289	555	558	562	rVB6	1365	2190	0.05%	0.007%
25	5.429	576	581	584	rBV7	1783	2910	0.07%	0.010%
26	5.508	591	594	597	rBV5	1236	1686	0.04%	0.006%
27	5.649	613	617	619	rVB5	1683	1973	0.05%	0.007%
28	5.673	619	621	624	rVB4	1302	1612	0.04%	0.005%
29	5.807	640	643	645	rVB4	1675	1810	0.04%	0.006%
30	5.844	647	649	651	rBV2	1565	1565	0.04%	0.005%
31	5.941	654	665	674	rBV5	9210	27968	0.68%	0.093%
32	6.008	674	676	679	rBV4	1018	1398	0.03%	0.005%
33	6.075	684	687	690	rVB5	1468	2253	0.05%	0.008%
34	6.295	719	723	728	rBV7	1623	3223	0.08%	0.011%
35	6.465	749	751	753	rVB3	1803	1611	0.04%	0.005%
36	6.484	753	754	757	rBV3	1466	1452	0.04%	0.005%

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

37	6.545	762	764	767	rBV4	1947	3125	0.08%	0.010%
38	6.630	775	778	780	rVB4	1450	1507	0.04%	0.005%
39	6.654	780	782	784	rBV3	2083	1806	0.04%	0.006%
40	6.685	785	787	792	rVB6	1480	2378	0.06%	0.008%
41	6.734	792	795	796	rBV3	1374	1692	0.04%	0.006%
42	6.776	799	802	804	rBV4	1382	1573	0.04%	0.005%
43	6.996	836	838	841	rVB4	1832	1665	0.04%	0.006%
44	7.081	841	852	876	rBV	116918	388040	9.46%	1.294%
45	7.246	876	879	881	rVV4	2012	2560	0.06%	0.009%
46	7.349	893	896	900	rBV5	1097	1574	0.04%	0.005%
47	7.429	906	909	911	rBV4	1482	1824	0.04%	0.006%
48	7.526	922	925	927	rBV4	2035	2532	0.06%	0.008%
49	7.648	933	945	957	rBV	685519	1662691	40.52%	5.544%
50	7.770	962	965	967	rVB4	1596	1461	0.04%	0.005%
51	7.947	992	994	997	rVB4	1584	1895	0.05%	0.006%
52	8.038	1007	1009	1011	rBV3	1399	1440	0.04%	0.005%
53	8.069	1011	1014	1016	rVV4	1335	1802	0.04%	0.006%
54	8.136	1024	1025	1028	rBV3	1384	1560	0.04%	0.005%
55	8.276	1038	1048	1066	rBV2	1386377	4103376	100.00%	13.682%
56	8.404	1066	1069	1075	rVV8	2347	4208	0.10%	0.014%
57	8.642	1102	1108	1109	rBV6	1740	2100	0.05%	0.007%
58	8.843	1131	1141	1153	rBV	1438172	2802431	68.30%	9.344%
59	8.971	1159	1162	1165	rBV5	1668	1599	0.04%	0.005%
60	9.050	1172	1175	1176	rBV3	1887	1930	0.05%	0.006%
61	9.081	1176	1180	1185	rVB8	3204	5659	0.14%	0.019%
62	9.276	1200	1212	1224	rBV	956124	1970811	48.03%	6.571%
63	9.569	1258	1260	1263	rVB4	1382	1781	0.04%	0.006%
64	9.672	1268	1277	1278	rBV9	3321	7339	0.18%	0.024%
65	9.721	1284	1285	1289	rVB4	1944	1918	0.05%	0.006%
66	9.788	1293	1296	1300	rVB5	1075	1410	0.03%	0.005%
67	9.971	1323	1326	1327	rVB3	2402	2218	0.05%	0.007%
68	10.032	1327	1336	1347	rBV	514638	963455	23.48%	3.212%
69	10.203	1360	1364	1366	rBV5	1273	1778	0.04%	0.006%
70	10.325	1375	1384	1392	rBV	1917306	3393610	82.70%	11.315%
71	10.386	1392	1394	1406	rVB	12371	21367	0.52%	0.071%
72	10.575	1418	1425	1435	rBV	341552	587537	14.32%	1.959%
73	10.696	1441	1445	1453	rVB4	7868	16235	0.40%	0.054%
74	10.873	1472	1474	1476	rVB3	2183	1840	0.04%	0.006%
75	10.922	1476	1482	1500	rBV	416932	745921	18.18%	2.487%
76	11.160	1519	1521	1524	rBV4	1718	2357	0.06%	0.008%

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

77	11.355	1551	1553	1555	rBV3	1419	1527	0.04%	0.005%
78	11.410	1559	1562	1565	rVB5	3426	5069	0.12%	0.017%
79	11.483	1571	1574	1578	rVB6	2275	2700	0.07%	0.009%
80	11.544	1582	1584	1588	rBV5	1957	2560	0.06%	0.009%
81	11.629	1591	1598	1608	rBV	1955182	3262923	79.52%	10.880%
82	11.708	1609	1611	1613	rVB3	2713	1925	0.05%	0.006%
83	11.788	1622	1624	1626	rBV3	2551	2358	0.06%	0.008%
84	12.013	1659	1661	1663	rBV3	2201	1937	0.05%	0.006%
85	12.080	1670	1672	1675	rBV4	1974	1933	0.05%	0.006%
86	12.178	1681	1688	1689	rBV7	4233	8722	0.21%	0.029%
87	12.233	1695	1697	1698	rBV2	2529	2147	0.05%	0.007%
88	12.464	1732	1735	1738	rBV5	4495	4991	0.12%	0.017%
89	12.605	1748	1758	1765	rBV5	13467	35683	0.87%	0.119%
90	12.690	1765	1772	1781	rBV	700816	1137649	27.72%	3.793%
91	12.970	1808	1818	1820	rBV8	15011	41120	1.00%	0.137%
92	13.476	1894	1901	1905	rBV10	6282	13744	0.33%	0.046%
93	13.556	1907	1914	1925	rBV	1939897	3098387	75.51%	10.331%
94	13.848	1955	1962	1972	rBV	1638554	2649024	64.56%	8.833%
95	14.062	1994	1997	2004	rVB5	7996	13527	0.33%	0.045%
96	14.373	2045	2048	2053	rVB7	9413	15532	0.38%	0.052%
97	14.848	2115	2126	2137	rVB	135862	420470	10.25%	1.402%
98	15.324	2200	2204	2209	rBV6	8890	14793	0.36%	0.049%
99	15.781	2277	2279	2280	rBV2	4447	3302	0.08%	0.011%
100	16.360	2372	2374	2378	rBV5	4524	5526	0.13%	0.018%

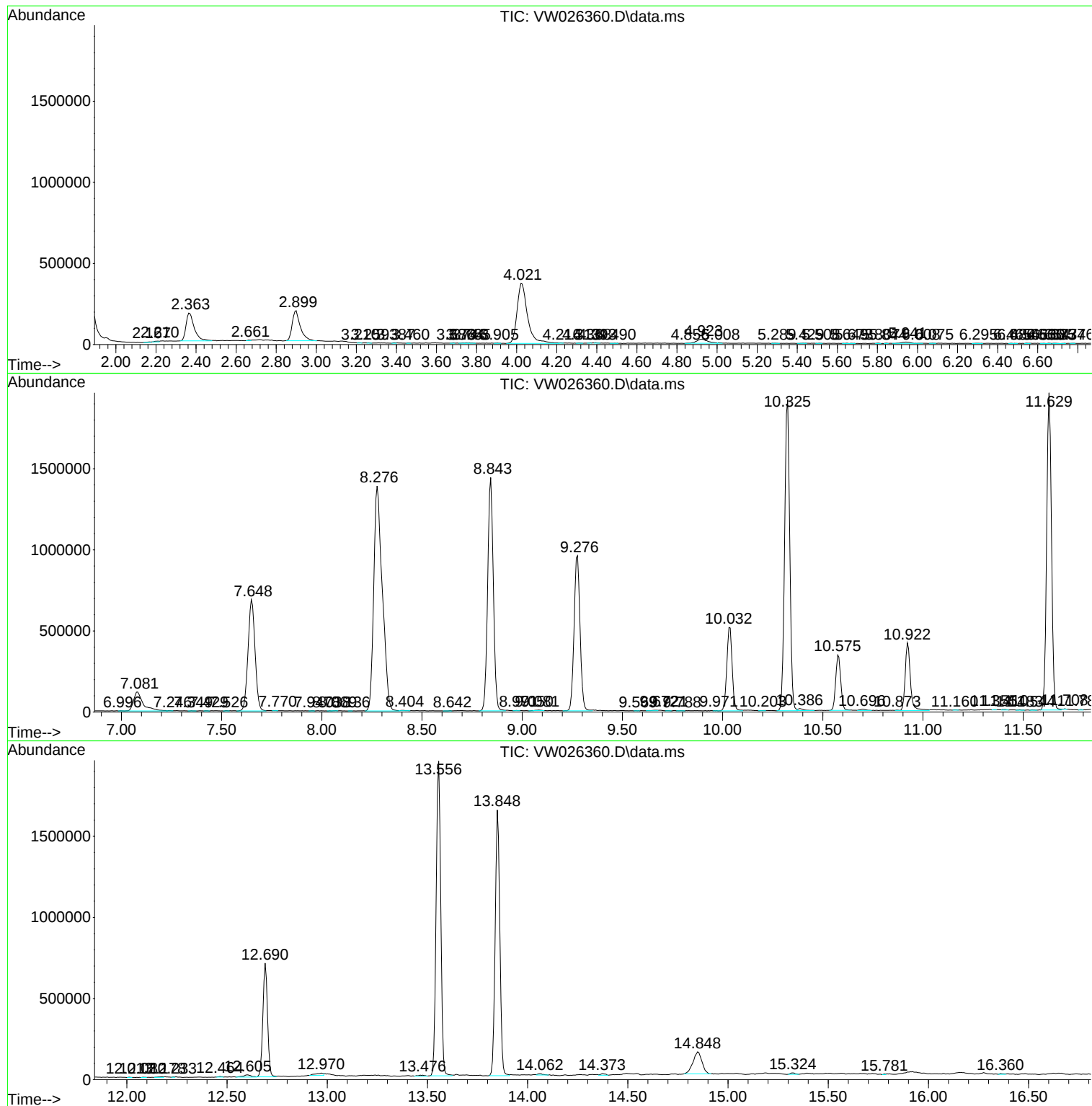
Sum of corrected areas: 29991146

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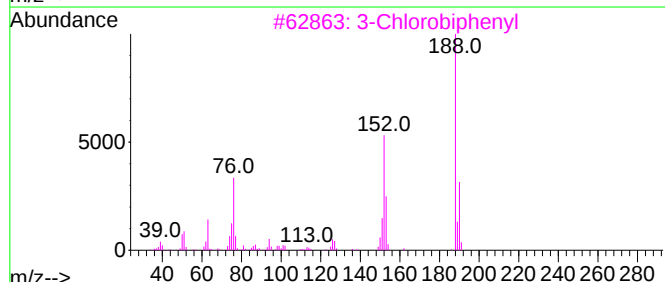
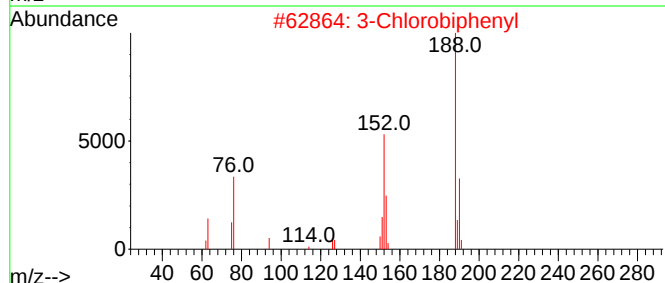
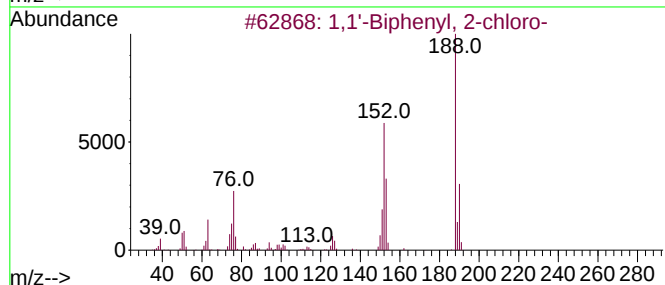
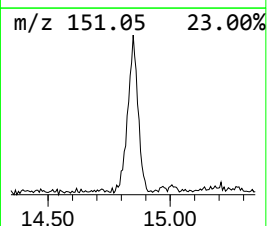
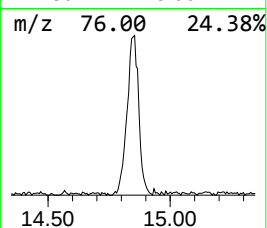
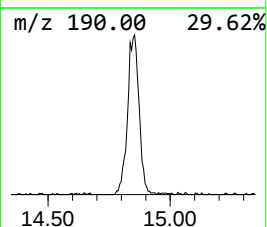
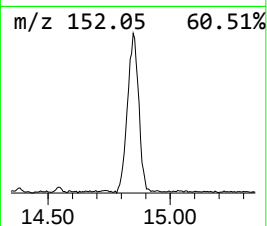
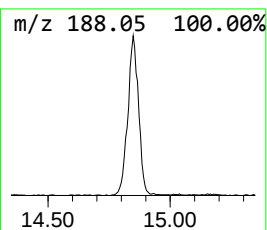
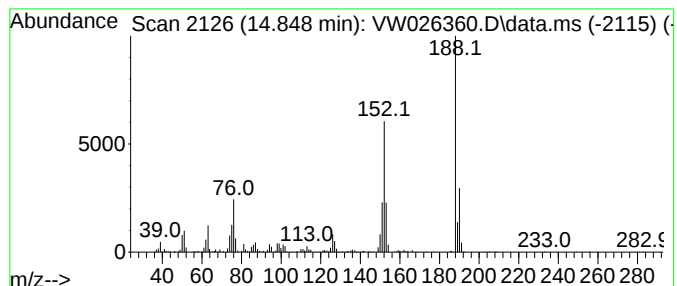
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	3.39 ug/L	420470	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	98
2	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	96
3	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	95
4	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	95
5	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	14.848	3.4	ug/L	420470	3	13.556	3098390	25.0