

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026471.D
 Acq On : 30 Jun 2023 14:41
 Operator : SY/MD
 Sample : 03478-04
 Misc : 3.90g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW62

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: VW026471.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.155	40	44	45	rBV3	1824	2027	0.06%	0.007%
2	2.167	45	46	47	rBV	1103	806	0.02%	0.003%
3	2.216	50	54	55	rBV3	4495	5052	0.14%	0.018%
4	2.363	71	78	93	rBV	130462	373887	10.37%	1.352%
5	2.625	117	121	126	rBV8	4964	9851	0.27%	0.036%
6	2.899	157	166	184	rBV	122732	384109	10.65%	1.389%
7	3.234	219	221	223	rVB3	1076	643	0.02%	0.002%
8	3.289	228	230	232	rBV3	696	648	0.02%	0.002%
9	3.314	232	234	237	rVB4	1589	1765	0.05%	0.006%
10	3.368	237	243	244	rBV5	933	1438	0.04%	0.005%
11	3.521	264	268	271	rBV5	1074	1977	0.05%	0.007%
12	3.692	291	296	298	rVV5	1744	2917	0.08%	0.011%
13	3.728	300	302	305	rVV4	831	1098	0.03%	0.004%
14	3.753	305	306	308	rVB2	1433	941	0.03%	0.003%
15	3.838	318	320	323	rVB3	1213	978	0.03%	0.004%
16	3.881	326	327	330	rBV3	666	721	0.02%	0.003%
17	3.911	330	332	335	rVB4	872	947	0.03%	0.003%
18	4.021	335	350	381	rBV2	332069	1224568	33.95%	4.429%
19	4.252	387	388	391	rBV2	535	677	0.02%	0.002%
20	4.283	391	393	396	rVV3	707	821	0.02%	0.003%
21	4.399	402	412	418	rBV4	6628	20124	0.56%	0.073%
22	4.472	423	424	425	rVV	1328	670	0.02%	0.002%
23	4.594	442	444	446	rVV3	1027	775	0.02%	0.003%
24	4.618	446	448	452	rVB5	1013	1495	0.04%	0.005%
25	4.661	452	455	457	rBV4	862	1190	0.03%	0.004%
26	4.698	457	461	463	rVB5	983	1179	0.03%	0.004%
27	4.722	463	465	467	rBV3	1128	1247	0.03%	0.005%
28	4.929	486	499	520	rBV2	36649	158183	4.39%	0.572%
29	5.124	530	531	537	rVB6	1721	2411	0.07%	0.009%
30	5.417	576	579	582	rBV4	914	1180	0.03%	0.004%
31	5.539	598	599	603	rVB3	989	826	0.02%	0.003%
32	5.582	603	606	608	rBV3	950	912	0.03%	0.003%
33	5.710	624	627	631	rBV5	882	1790	0.05%	0.006%
34	5.752	631	634	636	rBV4	810	695	0.02%	0.003%
35	5.941	651	665	677	rVB7	6209	20980	0.58%	0.076%
36	6.051	681	683	685	rVB2	797	716	0.02%	0.003%

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 Title : SFAM01.0

37	6.191	699	706	707	rBV7	1849	2729	0.08%	0.010%
38	6.222	707	711	716	rVB5	2161	4676	0.13%	0.017%
39	6.325	723	728	732	rBV7	558	970	0.03%	0.004%
40	6.392	738	739	742	rBV3	520	694	0.02%	0.003%
41	6.429	742	745	747	rVB4	525	649	0.02%	0.002%
42	6.557	763	766	768	rBV4	639	849	0.02%	0.003%
43	6.581	768	770	775	rVB5	730	931	0.03%	0.003%
44	6.630	775	778	779	rBV3	664	699	0.02%	0.003%
45	6.764	799	800	803	rVB2	1021	909	0.03%	0.003%
46	6.868	814	817	820	rVB4	882	1009	0.03%	0.004%
47	6.898	820	822	824	rBV3	1172	868	0.02%	0.003%
48	6.929	824	827	829	rBV3	1240	1647	0.05%	0.006%
49	6.953	829	831	832	rVB2	920	670	0.02%	0.002%
50	6.978	832	835	837	rBV3	1029	1222	0.03%	0.004%
51	7.075	841	851	856	rBV2	104066	273184	7.57%	0.988%
52	7.136	857	861	875	rVB	66052	180319	5.00%	0.652%
53	7.362	895	898	900	rVB4	603	688	0.02%	0.002%
54	7.404	902	905	906	rBV3	1324	987	0.03%	0.004%
55	7.526	920	925	929	rBV7	1814	3134	0.09%	0.011%
56	7.563	929	931	933	rVB3	1369	1148	0.03%	0.004%
57	7.648	933	945	960	rBV	584182	1429104	39.62%	5.169%
58	7.770	964	965	968	rVV3	1487	1812	0.05%	0.007%
59	7.868	975	981	989	rVB4	7719	19602	0.54%	0.071%
60	7.996	1001	1002	1003	rBV	1447	811	0.02%	0.003%
61	8.051	1009	1011	1013	rBV2	1410	1402	0.04%	0.005%
62	8.087	1016	1017	1019	rVB2	1133	807	0.02%	0.003%
63	8.173	1029	1031	1033	rBV2	651	649	0.02%	0.002%
64	8.197	1033	1035	1037	rBV3	878	885	0.02%	0.003%
65	8.276	1037	1048	1064	rBV2	1248592	3606633	100.00%	13.044%
66	8.398	1065	1068	1069	rBV3	2126	2181	0.06%	0.008%
67	8.496	1083	1084	1086	rVB2	1119	776	0.02%	0.003%
68	8.520	1086	1088	1091	rVB4	1097	1099	0.03%	0.004%
69	8.557	1091	1094	1096	rBV4	896	846	0.02%	0.003%
70	8.593	1099	1100	1102	rBV2	983	958	0.03%	0.003%
71	8.618	1102	1104	1106	rBV3	955	1042	0.03%	0.004%
72	8.642	1106	1108	1110	rVB3	1667	1228	0.03%	0.004%
73	8.685	1112	1115	1116	rBV2	1425	1452	0.04%	0.005%
74	8.758	1123	1127	1128	rVB4	971	1092	0.03%	0.004%
75	8.843	1128	1141	1159	rBV	1417736	2882646	79.93%	10.426%
76	9.014	1167	1169	1171	rVB3	1359	952	0.03%	0.003%

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 Title : SFAM01.0

77	9.093	1171	1182	1190	rBV3	43096	98700	2.74%	0.357%
78	9.276	1202	1212	1220	rBV	818306	1687935	46.80%	6.105%
79	9.471	1241	1244	1245	rBV3	1210	1190	0.03%	0.004%
80	9.520	1251	1252	1255	rBV3	1315	1418	0.04%	0.005%
81	9.666	1271	1276	1277	rBV5	3082	4446	0.12%	0.016%
82	9.800	1296	1298	1299	rBV2	1760	923	0.03%	0.003%
83	9.819	1299	1301	1303	rBV3	2097	1743	0.05%	0.006%
84	9.965	1323	1325	1326	rBV2	1953	1643	0.05%	0.006%
85	10.032	1328	1336	1347	rVV	450510	827363	22.94%	2.992%
86	10.325	1376	1384	1393	rBV	1683040	3026217	83.91%	10.945%
87	10.575	1419	1425	1434	rBV	267662	472651	13.11%	1.709%
88	10.703	1440	1446	1451	rVB	19888	33657	0.93%	0.122%
89	10.861	1466	1472	1476	rBV	59093	103448	2.87%	0.374%
90	10.922	1476	1482	1491	rVV	349101	594159	16.47%	2.149%
91	11.056	1502	1504	1511	rVB7	8246	14351	0.40%	0.052%
92	11.629	1591	1598	1609	rBV	1879356	3135428	86.94%	11.340%
93	12.605	1754	1758	1766	rVB	85573	163841	4.54%	0.593%
94	12.690	1766	1772	1781	rVB	571975	927337	25.71%	3.354%
95	13.556	1908	1914	1925	rVB	1695362	2772817	76.88%	10.029%
96	13.848	1956	1962	1969	rBV	1251743	2090799	57.97%	7.562%
97	14.062	1993	1997	2005	rVB2	42007	85018	2.36%	0.307%
98	14.848	2116	2126	2140	rVB2	228661	762556	21.14%	2.758%
99	15.427	2217	2221	2227	rVB	83974	137769	3.82%	0.498%
100	16.275	2356	2360	2369	rVB6	19743	39277	1.09%	0.142%

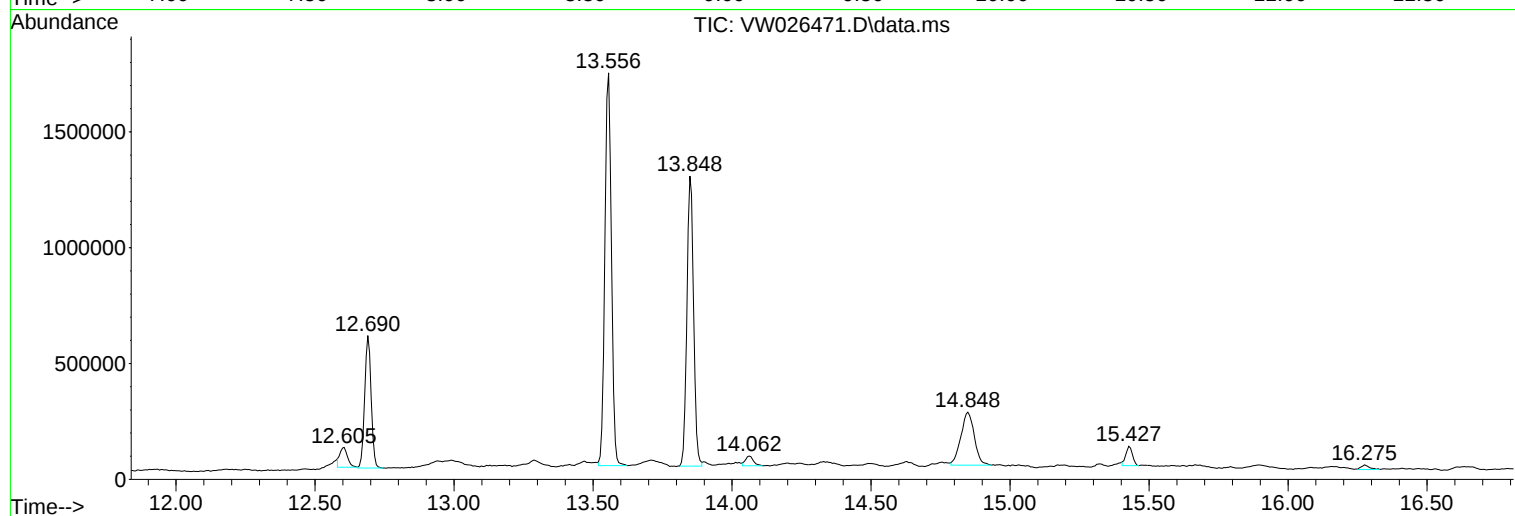
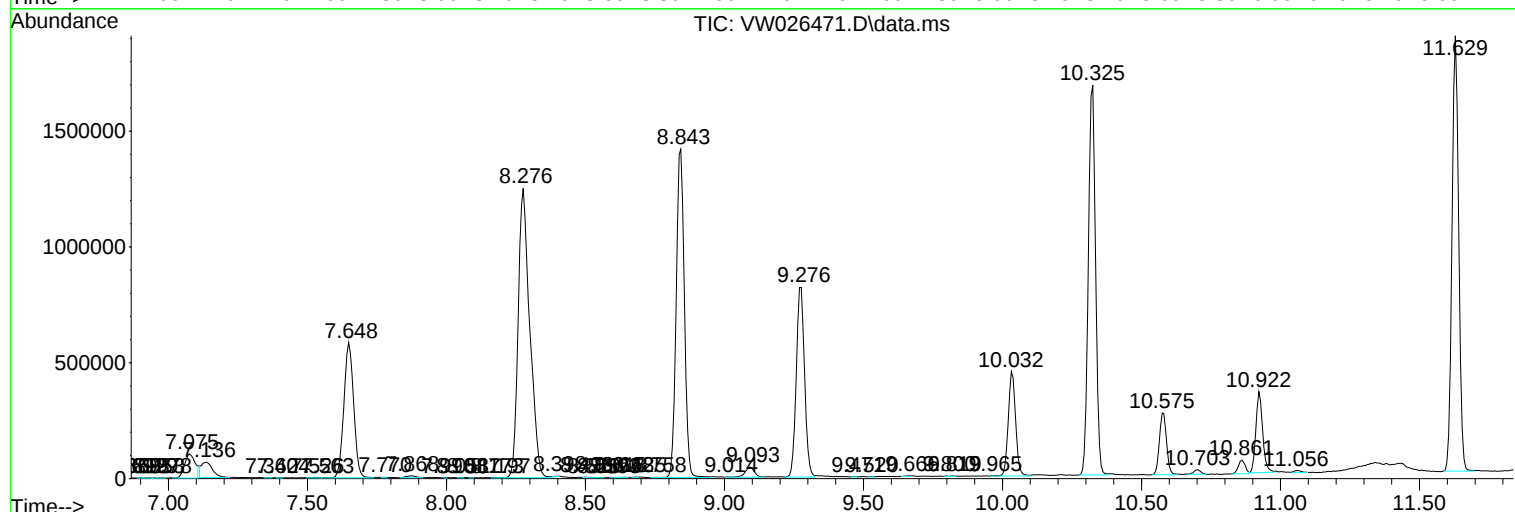
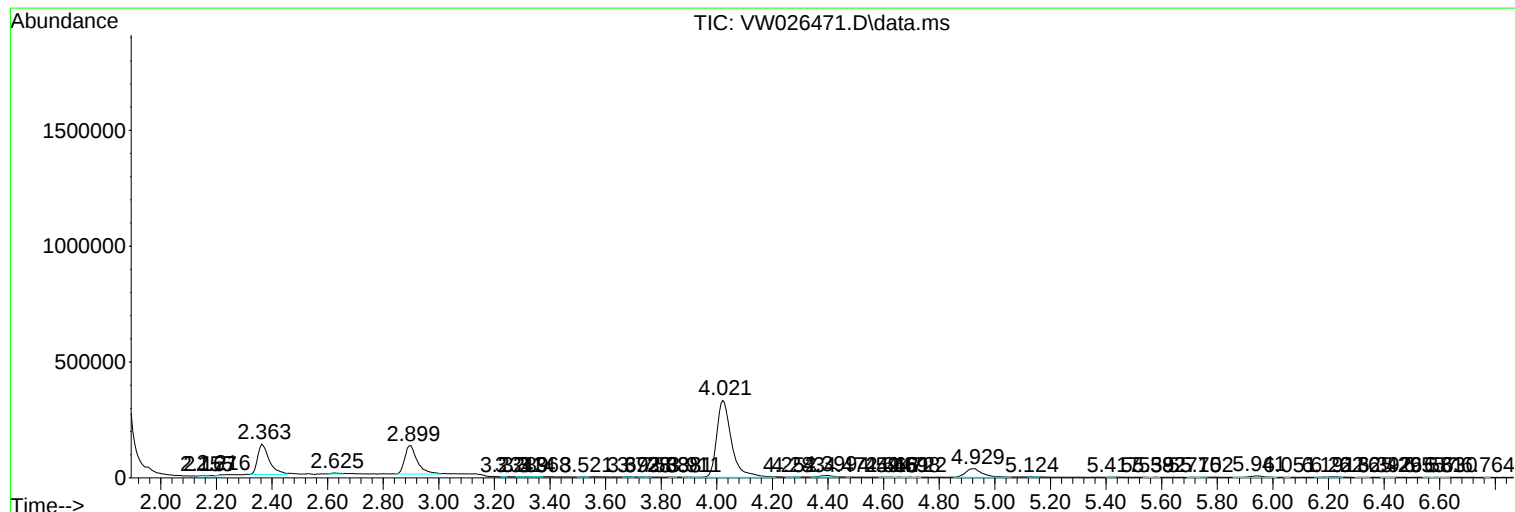
Sum of corrected areas: 27648889

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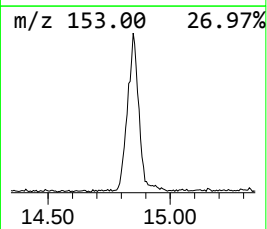
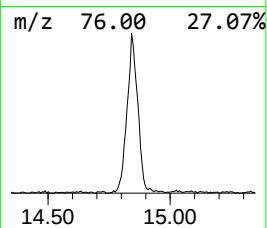
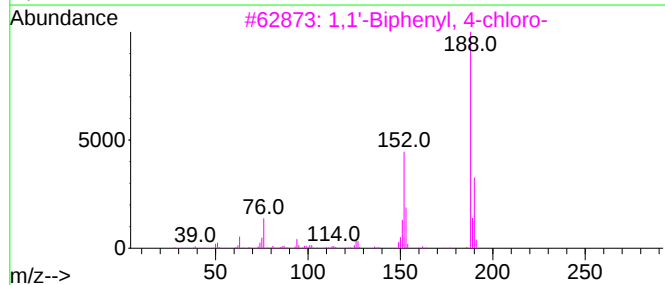
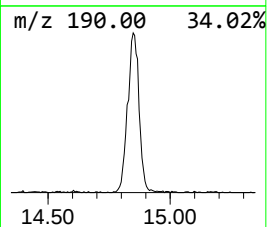
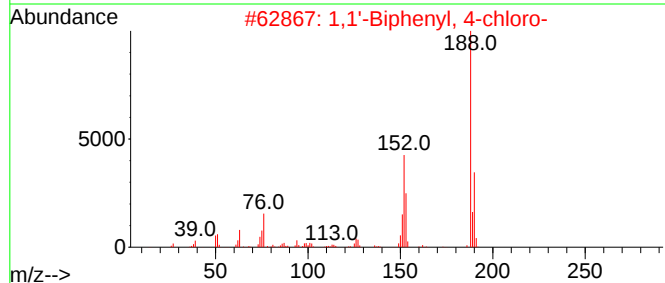
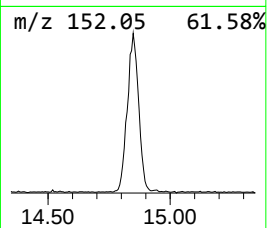
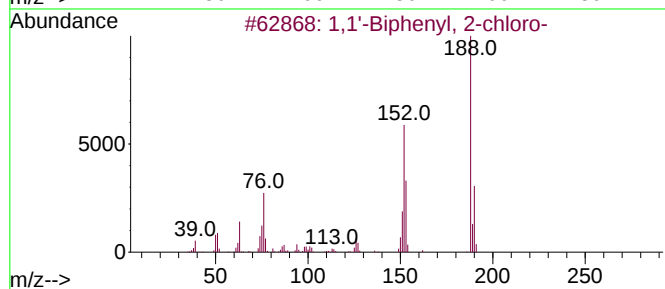
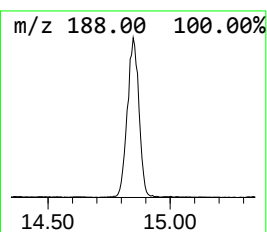
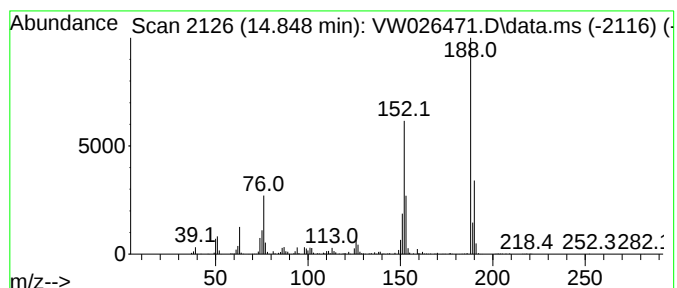
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	6.88 ug/L	762556	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			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
3			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
4			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	94
5			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	14.848	6.9	ug/L	762556	3	13.556	2772820	25.0