

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076687.D
 Acq On : 03 Jul 2023 12:52
 Operator : KP/SY
 Sample : 03444-23
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4657

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_D\Method\SFAMDLM061523SMA.M
 Title : SFAM01.0

Signal : TIC: VD076687.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	14	25	33	rBV	178649	347084	20.64%	3.187%
2	2.152	91	96	98	rBV3	4262	6644	0.40%	0.061%
3	2.264	110	115	124	rVB	122257	182176	10.83%	1.673%
4	2.787	199	204	211	rVB	99922	181873	10.82%	1.670%
5	2.987	237	238	239	rBV	4099	1951	0.12%	0.018%
6	3.411	309	310	313	rVB	1442	800	0.05%	0.007%
7	3.481	320	322	324	rBV2	900	1113	0.07%	0.010%
8	3.516	326	328	330	rVB	1211	833	0.05%	0.008%
9	3.552	332	334	336	rBV	914	994	0.06%	0.009%
10	3.658	349	352	355	rBV2	1344	1446	0.09%	0.013%
11	3.911	383	395	405	rBV	116869	309401	18.40%	2.841%
12	4.022	407	414	425	rVB2	21225	57812	3.44%	0.531%
13	4.193	441	443	447	rBV2	1008	1128	0.07%	0.010%
14	4.328	464	466	470	rVB2	851	998	0.06%	0.009%
15	4.363	470	472	474	rVV	1425	920	0.05%	0.008%
16	4.381	474	475	478	rVB2	1127	690	0.04%	0.006%
17	4.475	489	491	492	rBV	1058	824	0.05%	0.008%
18	4.516	495	498	502	rVB3	1333	1592	0.09%	0.015%
19	4.563	504	506	507	rBV	740	719	0.04%	0.007%
20	4.628	515	517	519	rBV3	953	726	0.04%	0.007%
21	4.646	519	520	522	rBV	905	778	0.05%	0.007%
22	4.699	527	529	531	rVV2	1444	1284	0.08%	0.012%
23	4.793	533	545	560	rVV3	100359	318106	18.92%	2.921%
24	4.952	570	572	576	rVB2	1196	1148	0.07%	0.011%
25	4.987	576	578	579	rVB2	1010	669	0.04%	0.006%
26	5.311	631	633	636	rBV2	613	739	0.04%	0.007%
27	5.399	646	648	651	rBV2	598	693	0.04%	0.006%
28	5.534	670	671	675	rBV2	946	1057	0.06%	0.010%
29	5.758	707	709	710	rBV	1532	1000	0.06%	0.009%
30	5.810	714	718	720	rBV3	2849	4101	0.24%	0.038%
31	5.910	731	735	736	rBV2	1092	1166	0.07%	0.011%
32	5.928	736	738	741	rVB	1484	899	0.05%	0.008%
33	6.034	754	756	758	rBV2	655	674	0.04%	0.006%
34	6.105	758	768	778	rBV2	73161	228015	13.56%	2.094%
35	6.258	792	794	796	rVV	1258	811	0.05%	0.007%
36	6.422	821	822	824	rBV	1107	974	0.06%	0.009%

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 Title : SFAM01.0

37	6.716	870	872	875	rBV	1308	1187	0.07%	0.011%
38	6.810	886	888	891	rVB3	1184	834	0.05%	0.008%
39	6.863	894	897	900	rVB2	737	831	0.05%	0.008%
40	6.893	900	902	905	rBV2	1320	1501	0.09%	0.014%
41	6.940	905	910	911	rBV	1340	2084	0.12%	0.019%
42	6.987	911	918	925	rBV2	24721	69524	4.13%	0.638%
43	7.369	982	983	987	rVB	1366	1140	0.07%	0.010%
44	7.475	999	1001	1003	rBV2	1264	970	0.06%	0.009%
45	7.563	1006	1016	1027	rVV3	140002	364200	21.66%	3.345%
46	7.799	1054	1056	1058	rBV	1014	759	0.05%	0.007%
47	7.952	1080	1082	1083	rBV	1149	885	0.05%	0.008%
48	8.199	1115	1124	1139	rBV4	275304	834182	49.61%	7.661%
49	8.504	1173	1176	1178	rVB2	1007	941	0.06%	0.009%
50	8.528	1178	1180	1183	rBV	1742	1297	0.08%	0.012%
51	8.563	1183	1186	1188	rBV2	1042	975	0.06%	0.009%
52	8.610	1190	1194	1195	rBV	646	750	0.04%	0.007%
53	8.628	1195	1197	1200	rVV	1171	934	0.06%	0.009%
54	8.657	1200	1202	1205	rVB	995	999	0.06%	0.009%
55	8.775	1214	1222	1230	rBV	297676	599414	35.65%	5.505%
56	8.916	1244	1246	1247	rVB	1477	878	0.05%	0.008%
57	8.934	1247	1249	1250	rVB	1436	695	0.04%	0.006%
58	9.028	1257	1265	1274	rVB	92183	190096	11.30%	1.746%
59	9.093	1274	1276	1278	rBV	1411	906	0.05%	0.008%
60	9.210	1286	1296	1307	rBV2	186528	394548	23.46%	3.623%
61	9.287	1307	1309	1312	rVB3	1335	1283	0.08%	0.012%
62	9.387	1324	1326	1327	rVB2	1099	727	0.04%	0.007%
63	9.434	1332	1334	1337	rVB2	1046	831	0.05%	0.008%
64	9.581	1358	1359	1361	rBV2	1330	759	0.05%	0.007%
65	9.604	1361	1363	1366	rVV3	1375	1338	0.08%	0.012%
66	9.651	1370	1371	1374	rBV	727	776	0.05%	0.007%
67	9.793	1393	1395	1397	rVV2	1179	1041	0.06%	0.010%
68	9.975	1419	1426	1437	rVB2	110209	214507	12.76%	1.970%
69	10.057	1437	1440	1442	rBV	861	1057	0.06%	0.010%
70	10.104	1446	1448	1452	rBV2	1020	764	0.05%	0.007%
71	10.157	1455	1457	1461	rVB2	1488	1278	0.08%	0.012%
72	10.269	1468	1476	1482	rVV	396602	712711	42.38%	6.545%
73	10.334	1482	1487	1495	rVB	158482	298200	17.73%	2.739%
74	10.469	1507	1510	1511	rBV	723	905	0.05%	0.008%
75	10.522	1511	1519	1528	rVV2	71329	133821	7.96%	1.229%
76	10.669	1537	1544	1551	rBV	13065	24100	1.43%	0.221%

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 Title : SFAM01.0

77	10.875	1573	1579	1588	rBV	95056	159632	9.49%	1.466%
78	11.028	1602	1605	1611	rVB3	9196	13561	0.81%	0.125%
79	11.181	1629	1631	1634	rBV2	1576	1192	0.07%	0.011%
80	11.581	1691	1699	1709	rVV	409883	704595	41.90%	6.471%
81	11.681	1710	1716	1724	rVV	430406	716575	42.61%	6.581%
82	11.787	1726	1734	1746	rVB	1053241	1681523	100.00%	15.442%
83	11.916	1755	1756	1757	rBV	1657	867	0.05%	0.008%
84	12.092	1784	1786	1788	rBV	1504	1179	0.07%	0.011%
85	12.122	1788	1791	1797	rVV3	3551	5377	0.32%	0.049%
86	12.187	1800	1802	1803	rVB	1916	1232	0.07%	0.011%
87	12.228	1807	1809	1810	rBV2	1127	713	0.04%	0.007%
88	12.422	1838	1842	1843	rBV2	2375	2996	0.18%	0.028%
89	12.575	1866	1868	1875	rVB4	24110	34827	2.07%	0.320%
90	12.651	1875	1881	1888	rBV	151437	259634	15.44%	2.384%
91	13.351	1999	2000	2001	rBV	1758	887	0.05%	0.008%
92	13.516	2021	2028	2036	rBV	433671	701485	41.72%	6.442%
93	13.816	2072	2079	2085	rBV	348637	583195	34.68%	5.356%
94	14.051	2114	2119	2123	rVB4	14536	21809	1.30%	0.200%
95	14.269	2155	2156	2158	rBV2	2772	1687	0.10%	0.015%
96	14.575	2205	2208	2210	rBV	1473	1251	0.07%	0.011%
97	14.639	2218	2219	2221	rBV2	2031	1048	0.06%	0.010%
98	14.810	2238	2248	2261	rVB4	124789	448528	26.67%	4.119%
99	15.481	2358	2362	2369	rBV6	8850	17557	1.04%	0.161%
100	16.775	2581	2582	2583	rBV	2228	1169	0.07%	0.011%

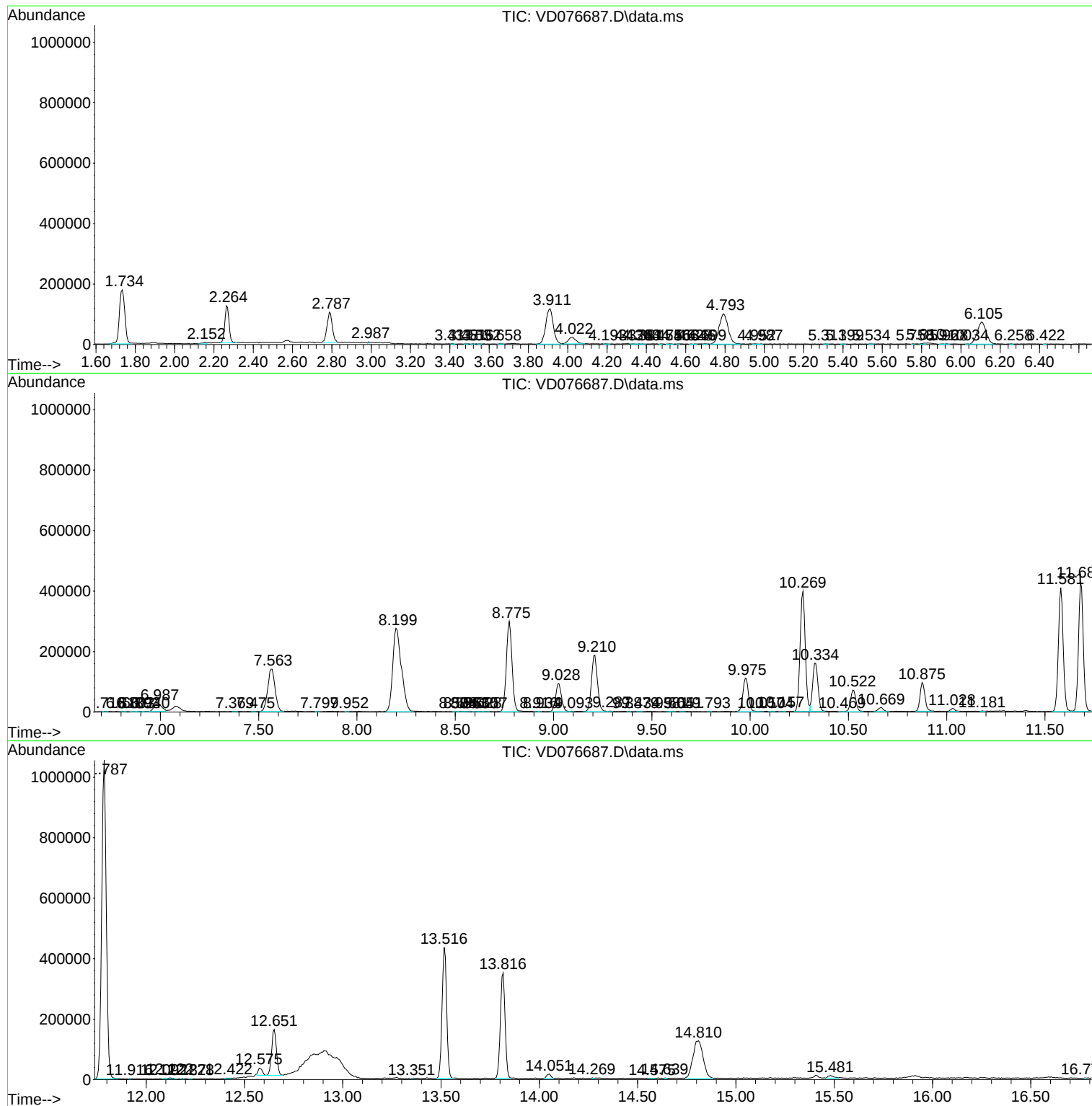
Sum of corrected areas: 10888985

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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



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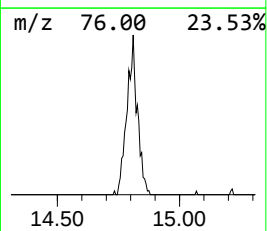
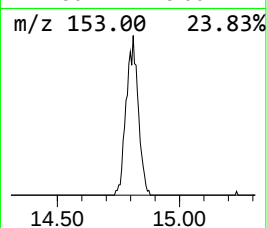
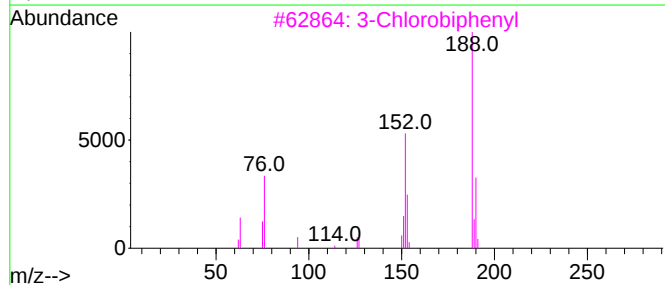
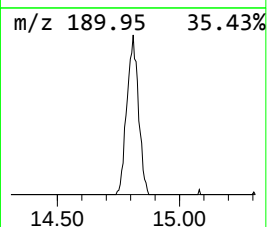
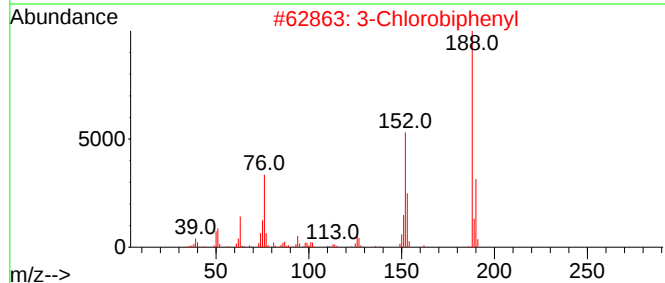
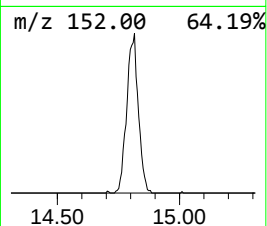
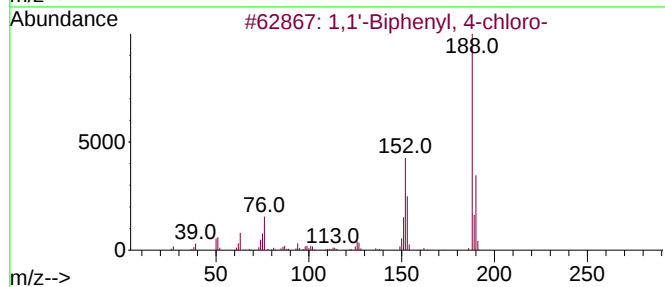
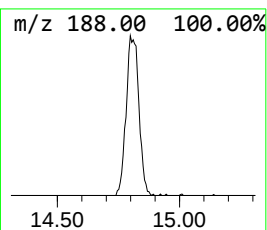
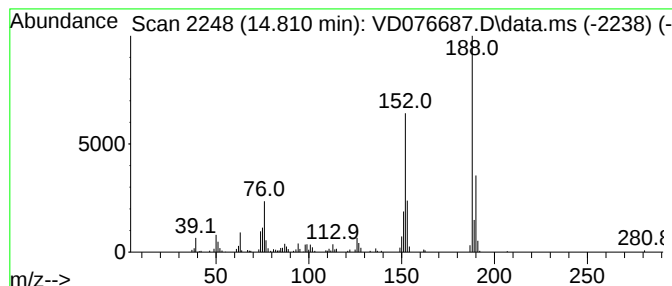
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 1,1'-Biphenyl, 4-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	15.98 ug/L	448528	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
2			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	97
3			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	96
4			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	95
5			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	14.810	16.0	ug/L	448528	3	13.522	701485	25.0