

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062723\
 Data File : VD076592.D
 Acq On : 27 Jun 2023 14:36
 Operator : KP/SY
 Sample : 03422-02
 Misc : 5.50G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46J1

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: VD076592.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.693	15	18	19	rVV	4588	4450	0.35%	0.079%
2	1.740	19	26	40	rVV	686714	1279426	100.00%	22.672%
3	2.270	111	116	123	rVB	75329	113407	8.86%	2.010%
4	2.793	200	205	211	rVB	64642	110924	8.67%	1.966%
5	3.281	284	288	289	rBV2	1539	1621	0.13%	0.029%
6	3.399	306	308	311	rBV2	936	1116	0.09%	0.020%
7	3.440	314	315	320	rVB2	1573	2068	0.16%	0.037%
8	3.493	323	324	328	rBV2	1345	1324	0.10%	0.023%
9	3.552	332	334	337	rBV	1318	1178	0.09%	0.021%
10	3.917	386	396	406	rVV3	68590	177153	13.85%	3.139%
11	4.028	408	415	423	rVB	15288	38705	3.03%	0.686%
12	4.234	447	450	451	rBV2	1956	1178	0.09%	0.021%
13	4.334	466	467	470	rVB2	975	871	0.07%	0.015%
14	4.434	480	484	485	rVB2	1657	1826	0.14%	0.032%
15	4.481	488	492	494	rBV	1013	1617	0.13%	0.029%
16	4.511	494	497	499	rVV	1118	1377	0.11%	0.024%
17	4.534	499	501	506	rVV2	1701	1967	0.15%	0.035%
18	4.664	521	523	525	rBV2	927	875	0.07%	0.016%
19	4.787	539	544	545	rBV3	5760	8030	0.63%	0.142%
20	5.364	639	642	645	rBV2	1317	1381	0.11%	0.024%
21	5.522	665	669	671	rBV2	1506	1832	0.14%	0.032%
22	5.552	671	674	675	rVB2	1051	966	0.08%	0.017%
23	5.787	711	714	716	rBV2	1050	1086	0.08%	0.019%
24	5.816	718	719	721	rBV2	1050	1065	0.08%	0.019%
25	6.016	752	753	757	rVB2	1155	1202	0.09%	0.021%
26	6.075	760	763	767	rBV2	1263	1851	0.14%	0.033%
27	6.164	776	778	782	rBV2	1711	1991	0.16%	0.035%
28	6.199	782	784	786	rVB2	1554	1511	0.12%	0.027%
29	6.240	786	791	792	rBV2	958	1146	0.09%	0.020%
30	6.387	814	816	819	rVB2	1668	1281	0.10%	0.023%
31	6.675	863	865	867	rVB	1292	864	0.07%	0.015%
32	6.734	872	875	877	rBV2	1300	1261	0.10%	0.022%
33	6.987	909	918	927	rBV	27531	79326	6.20%	1.406%
34	7.205	954	955	959	rBV2	866	1013	0.08%	0.018%
35	7.281	966	968	971	rVB2	1307	1332	0.10%	0.024%
36	7.316	971	974	975	rBV2	1344	939	0.07%	0.017%

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

37	7.563	1007	1016	1028	rBV	108839	265728	20.77%	4.709%
38	7.852	1063	1065	1068	rBV2	1048	979	0.08%	0.017%
39	8.022	1092	1094	1098	rVB	835	862	0.07%	0.015%
40	8.063	1098	1101	1102	rBV2	1461	1227	0.10%	0.022%
41	8.116	1108	1110	1111	rVB	1793	960	0.08%	0.017%
42	8.205	1114	1125	1142	rVV4	189883	588368	45.99%	10.426%
43	8.316	1142	1144	1148	rVB3	1871	2432	0.19%	0.043%
44	8.463	1167	1169	1173	rVB2	1269	1540	0.12%	0.027%
45	8.540	1180	1182	1187	rBV2	971	1252	0.10%	0.022%
46	8.593	1189	1191	1193	rBV2	1029	1055	0.08%	0.019%
47	8.628	1196	1197	1200	rVB3	1610	1536	0.12%	0.027%
48	8.658	1200	1202	1204	rBV2	1481	1086	0.08%	0.019%
49	8.775	1212	1222	1233	rBV	244697	510773	39.92%	9.051%
50	8.899	1241	1243	1246	rBV2	1323	1599	0.12%	0.028%
51	9.105	1277	1278	1282	rBV2	1192	1022	0.08%	0.018%
52	9.210	1288	1296	1305	rBV	146712	300978	23.52%	5.333%
53	9.434	1331	1334	1337	rBV2	1293	1440	0.11%	0.026%
54	9.593	1357	1361	1362	rBV	1210	1404	0.11%	0.025%
55	9.646	1368	1370	1373	rVB2	1487	1119	0.09%	0.020%
56	9.728	1381	1384	1386	rVV	861	1170	0.09%	0.021%
57	9.746	1386	1387	1392	rVB3	1569	1341	0.10%	0.024%
58	9.899	1411	1413	1416	rVB2	1029	944	0.07%	0.017%
59	9.981	1421	1427	1438	rVB	72335	135348	10.58%	2.398%
60	10.069	1440	1442	1445	rBV	1745	1162	0.09%	0.021%
61	10.122	1450	1451	1454	rBV	915	950	0.07%	0.017%
62	10.269	1469	1476	1484	rBV	204475	392480	30.68%	6.955%
63	10.528	1513	1520	1526	rVV	47969	83884	6.56%	1.486%
64	10.669	1540	1544	1548	rVB2	4274	6549	0.51%	0.116%
65	10.775	1560	1562	1565	rVB2	1026	1100	0.09%	0.019%
66	10.881	1573	1580	1589	rBV	93674	169140	13.22%	2.997%
67	11.034	1603	1606	1609	rBV2	1460	2202	0.17%	0.039%
68	11.093	1614	1616	1619	rBV	1091	1186	0.09%	0.021%
69	11.210	1635	1636	1638	rBV	1330	923	0.07%	0.016%
70	11.351	1658	1660	1661	rBV	1420	950	0.07%	0.017%
71	11.581	1691	1699	1708	rBV	266338	472201	36.91%	8.368%
72	11.740	1721	1726	1727	rBV2	1090	1565	0.12%	0.028%
73	11.769	1730	1731	1735	rBV2	1630	1539	0.12%	0.027%
74	12.051	1777	1779	1783	rBV4	1202	1536	0.12%	0.027%
75	12.128	1790	1792	1794	rVB	1408	1316	0.10%	0.023%
76	12.204	1804	1805	1809	rVB	1417	1627	0.13%	0.029%

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 Title : SFAM01.0

77	12.240	1809	1811	1813	rVB	1891	1125	0.09%	0.020%
78	12.263	1813	1815	1819	rBV2	1386	2033	0.16%	0.036%
79	12.381	1833	1835	1836	rBV	1520	919	0.07%	0.016%
80	12.540	1860	1862	1865	rBV2	1449	1555	0.12%	0.028%
81	12.581	1865	1869	1873	rVV4	5960	9414	0.74%	0.167%
82	12.651	1875	1881	1888	rVB	108800	184067	14.39%	3.262%
83	12.828	1908	1911	1912	rVB2	1555	1294	0.10%	0.023%
84	12.857	1912	1916	1917	rBV	1356	2029	0.16%	0.036%
85	13.087	1954	1955	1958	rBV2	1928	1176	0.09%	0.021%
86	13.251	1982	1983	1985	rBV2	1534	1089	0.09%	0.019%
87	13.310	1992	1993	1995	rBV	2278	1353	0.11%	0.024%
88	13.328	1995	1996	1998	rVV2	2008	1141	0.09%	0.020%
89	13.463	2017	2019	2020	rBV	1948	1099	0.09%	0.019%
90	13.516	2022	2028	2037	rVB2	152426	258294	20.19%	4.577%
91	13.816	2073	2079	2089	rVB2	107703	174337	13.63%	3.089%
92	13.922	2095	2097	2099	rVB3	2180	1424	0.11%	0.025%
93	13.969	2104	2105	2108	rBV2	2682	2865	0.22%	0.051%
94	14.045	2115	2118	2123	rBV3	4544	8531	0.67%	0.151%
95	14.122	2130	2131	2133	rBV	1569	961	0.08%	0.017%
96	14.204	2144	2145	2147	rBV2	2664	1755	0.14%	0.031%
97	14.410	2179	2180	2183	rBV2	1997	1992	0.16%	0.035%
98	14.722	2231	2233	2234	rBV2	1954	901	0.07%	0.016%
99	14.810	2239	2248	2260	rVB4	45831	167759	13.11%	2.973%
100	15.434	2352	2354	2357	rBV	2281	2484	0.19%	0.044%

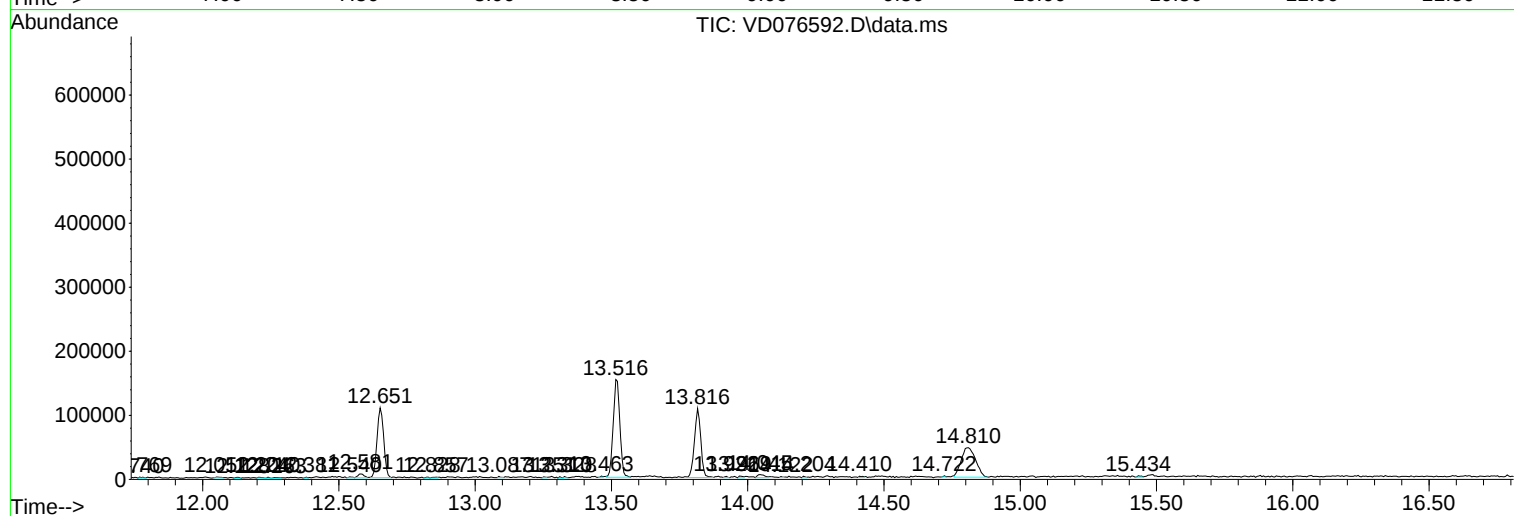
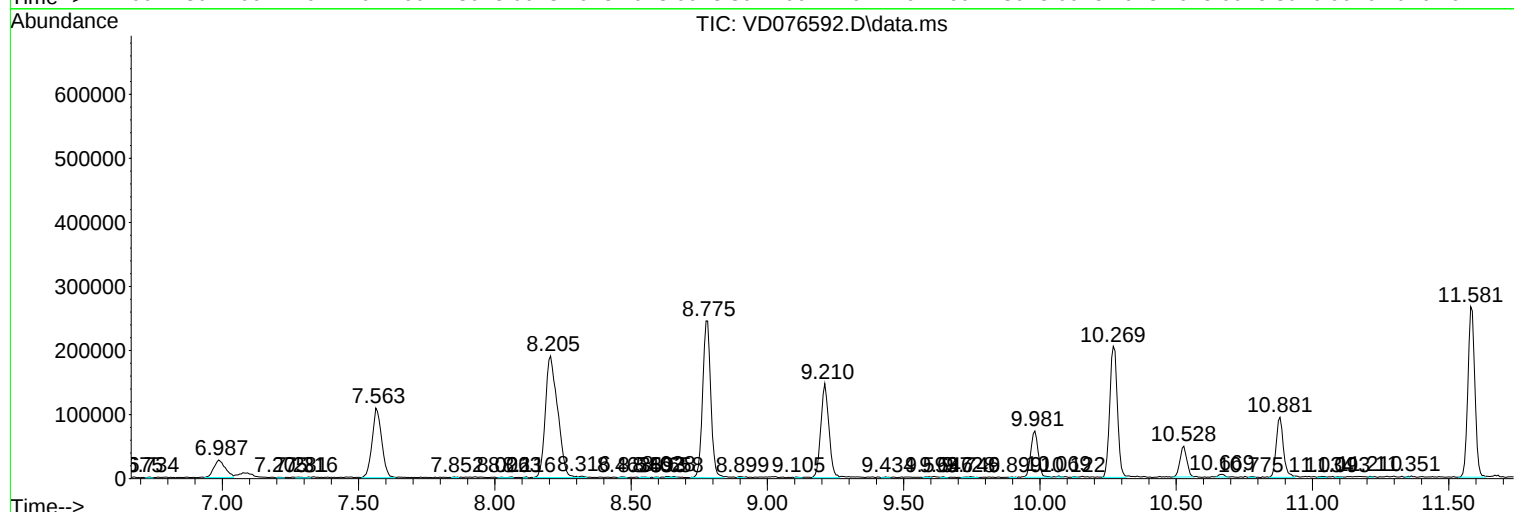
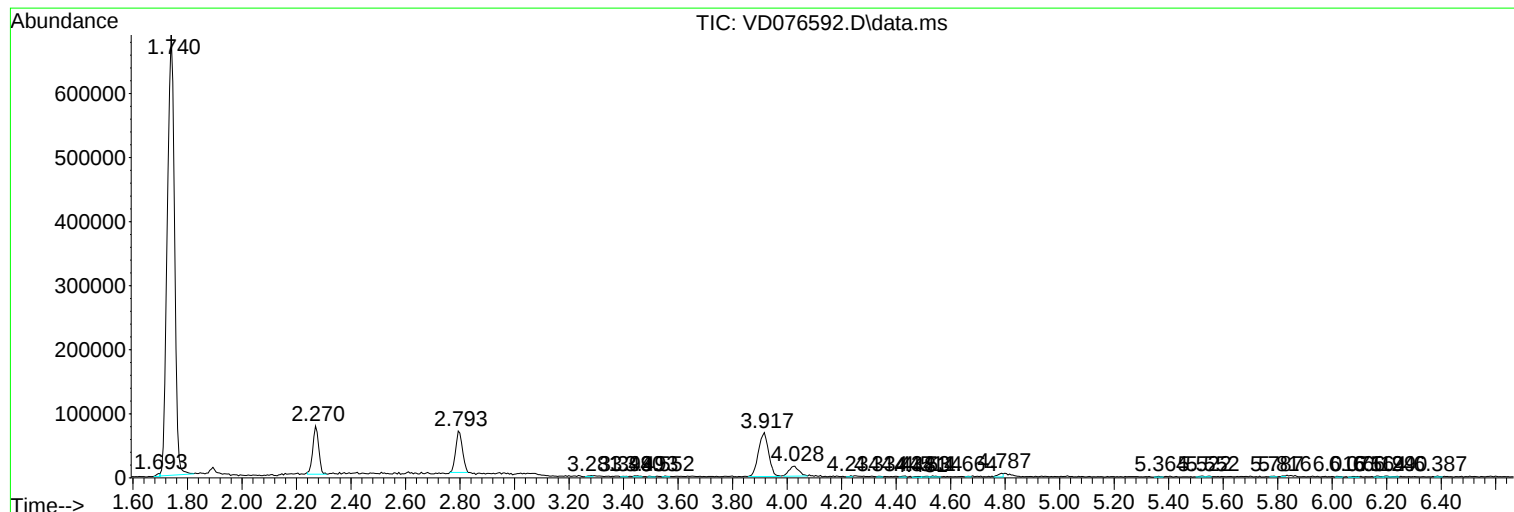
Sum of corrected areas: 5643230

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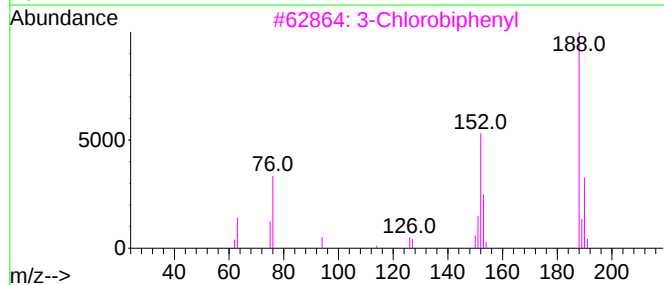
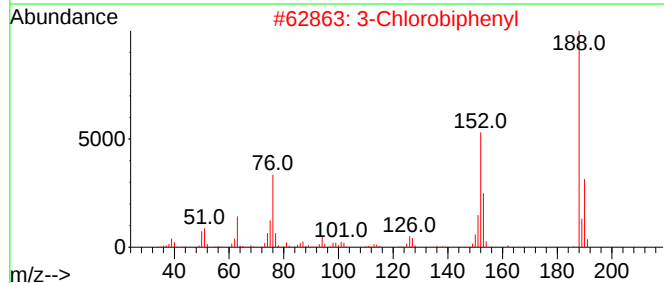
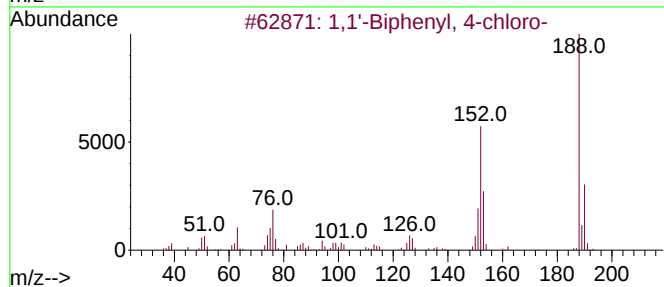
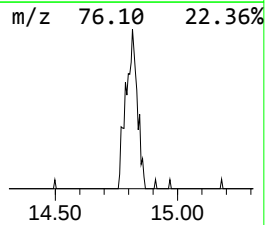
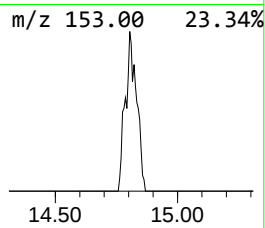
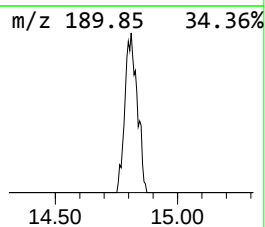
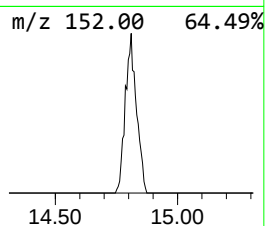
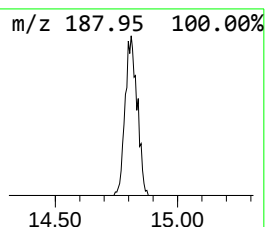
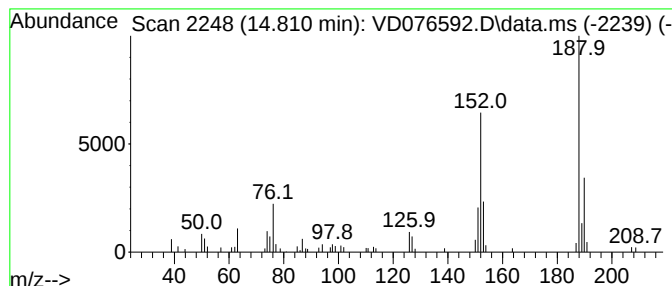
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 1,1'-Biphenyl, 4-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.810	16.24 ug/L	167759	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	95
2			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	95
3			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	95
4			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
5			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	90



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Quant Title : SFAM01.0

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, ...	14.810	16.2	ug/L	167759	3	13.522	258294	25.0