

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076670.D
 Acq On : 30 Jun 2023 18:47
 Operator : KP/SY
 Sample : 03472-24
 Misc : 6.64G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46R5

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: VD076670.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.740	10	26	36	rBV	708389	1312395	100.00%	11.505%
2	2.069	81	82	84	rBV2	1585	1410	0.11%	0.012%
3	2.140	93	94	95	rBV	2890	1822	0.14%	0.016%
4	2.269	110	116	122	rVV	113543	166651	12.70%	1.461%
5	2.334	125	127	128	rBV	2087	1113	0.08%	0.010%
6	2.358	129	131	134	rVB3	2983	2680	0.20%	0.023%
7	2.569	162	167	172	rVB6	4833	8473	0.65%	0.074%
8	2.793	198	205	215	rBV2	114672	216319	16.48%	1.896%
9	2.893	220	222	224	rBV2	2028	2430	0.19%	0.021%
10	3.158	264	267	268	rVB	1572	1098	0.08%	0.010%
11	3.222	276	278	280	rBV2	1096	1136	0.09%	0.010%
12	3.299	287	291	292	rBV	1076	1239	0.09%	0.011%
13	3.364	299	302	304	rBV2	979	1202	0.09%	0.011%
14	3.411	308	310	314	rVB	1899	1595	0.12%	0.014%
15	3.446	314	316	318	rVB	1439	1256	0.10%	0.011%
16	3.475	318	321	322	rBV	1212	1189	0.09%	0.010%
17	3.681	354	356	359	rVB	1387	1390	0.11%	0.012%
18	3.711	359	361	366	rBV2	1556	2475	0.19%	0.022%
19	3.769	370	371	374	rVB2	2110	1367	0.10%	0.012%
20	3.793	374	375	377	rBV	1390	1076	0.08%	0.009%
21	3.911	384	395	407	rVV	127938	336040	25.61%	2.946%
22	3.993	407	409	411	rVV	1312	1137	0.09%	0.010%
23	4.293	458	460	464	rVB2	1489	1001	0.08%	0.009%
24	4.428	477	483	484	rBV2	1537	2134	0.16%	0.019%
25	4.516	496	498	501	rVB2	974	990	0.08%	0.009%
26	4.563	503	506	508	rVB	1056	995	0.08%	0.009%
27	4.669	520	524	527	rBV	1922	2717	0.21%	0.024%
28	4.787	535	544	546	rBV5	9529	19798	1.51%	0.174%
29	4.987	576	578	580	rBV2	1264	1229	0.09%	0.011%
30	5.146	604	605	609	rVV3	918	990	0.08%	0.009%
31	5.228	616	619	622	rVB3	1299	1370	0.10%	0.012%
32	5.263	622	625	628	rBV2	1009	1134	0.09%	0.010%
33	5.305	628	632	634	rVB2	1050	1321	0.10%	0.012%
34	5.381	643	645	649	rVV3	1354	1160	0.09%	0.010%
35	5.605	681	683	685	rBV	1529	1582	0.12%	0.014%
36	5.663	692	693	696	rVB	2321	1242	0.09%	0.011%

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

37	5.775	709	712	713	rBV	1617	1425	0.11%	0.012%
38	5.787	713	714	717	rBV	1148	1300	0.10%	0.011%
39	5.816	717	719	720	rBV2	1116	1061	0.08%	0.009%
40	5.828	720	721	723	rVB	2015	1161	0.09%	0.010%
41	5.899	732	733	736	rBV	1594	1216	0.09%	0.011%
42	5.987	746	748	750	rBV	1213	1174	0.09%	0.010%
43	6.481	828	832	835	rBV2	1657	2707	0.21%	0.024%
44	6.822	888	890	894	rVB2	1291	1419	0.11%	0.012%
45	6.857	894	896	899	rBV	1328	1666	0.13%	0.015%
46	6.981	905	917	941	rBV2	44387	155697	11.86%	1.365%
47	7.157	944	947	950	rVV	1206	1661	0.13%	0.015%
48	7.187	950	952	954	rVB2	1571	1292	0.10%	0.011%
49	7.222	956	958	963	rBV3	944	1175	0.09%	0.010%
50	7.257	963	964	967	rVB2	1425	978	0.07%	0.009%
51	7.463	995	999	1000	rBV2	1367	1330	0.10%	0.012%
52	7.563	1006	1016	1028	rBV	213979	559829	42.66%	4.908%
53	7.669	1032	1034	1035	rVV	1614	1109	0.08%	0.010%
54	7.687	1035	1037	1042	rVB2	1550	1883	0.14%	0.017%
55	7.752	1047	1048	1051	rBV	836	1015	0.08%	0.009%
56	7.916	1074	1076	1078	rBV2	1517	1434	0.11%	0.013%
57	8.199	1112	1124	1139	rBV2	377697	1177245	89.70%	10.321%
58	8.446	1162	1166	1168	rVB3	1969	2524	0.19%	0.022%
59	8.593	1188	1191	1192	rBV3	1471	1314	0.10%	0.012%
60	8.616	1192	1195	1197	rBV2	1218	1728	0.13%	0.015%
61	8.775	1212	1222	1233	rBV	489288	985380	75.08%	8.639%
62	8.869	1236	1238	1243	rVB4	1733	1940	0.15%	0.017%
63	8.963	1252	1254	1258	rVB4	1167	1516	0.12%	0.013%
64	9.016	1258	1263	1267	rBV6	4320	7464	0.57%	0.065%
65	9.093	1273	1276	1277	rVB3	1617	1286	0.10%	0.011%
66	9.204	1288	1295	1305	rBV	295766	612218	46.65%	5.367%
67	9.328	1314	1316	1319	rBV3	1705	1048	0.08%	0.009%
68	9.381	1323	1325	1326	rBV2	1220	1059	0.08%	0.009%
69	9.440	1333	1335	1337	rVB3	1604	1368	0.10%	0.012%
70	9.498	1344	1345	1348	rBV3	1937	2018	0.15%	0.018%
71	9.563	1354	1356	1357	rBV	2189	1480	0.11%	0.013%
72	9.598	1357	1362	1363	rBV4	4020	6914	0.53%	0.061%
73	9.781	1392	1393	1394	rBV	2276	1261	0.10%	0.011%
74	9.828	1399	1401	1402	rBV2	1621	1239	0.09%	0.011%
75	9.975	1418	1426	1435	rBV	154452	292586	22.29%	2.565%
76	10.051	1438	1439	1440	rBV	1915	1082	0.08%	0.009%

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 Title : SFAM01.0

77	10.110	1447	1449	1450	rBV2	2169	1506	0.11%	0.013%
78	10.134	1450	1453	1454	rVV2	1692	1446	0.11%	0.013%
79	10.210	1463	1466	1468	rBV3	1721	2101	0.16%	0.018%
80	10.269	1468	1476	1487	rVV	505371	921118	70.19%	8.075%
81	10.416	1499	1501	1502	rBV2	2006	1602	0.12%	0.014%
82	10.522	1513	1519	1526	rVB	97006	170753	13.01%	1.497%
83	10.657	1540	1542	1549	rVB3	10269	14598	1.11%	0.128%
84	10.710	1549	1551	1556	rBV5	2566	3798	0.29%	0.033%
85	10.804	1563	1567	1569	rBV5	4804	6978	0.53%	0.061%
86	10.875	1573	1579	1590	rVV	171230	299748	22.84%	2.628%
87	11.016	1600	1603	1604	rBV3	4874	5225	0.40%	0.046%
88	11.351	1657	1660	1664	rBV5	4267	6339	0.48%	0.056%
89	11.581	1691	1699	1711	rBV	649038	1100024	83.82%	9.644%
90	12.651	1875	1881	1887	rBV	252259	419460	31.96%	3.677%
91	13.516	2021	2028	2037	rVB	602272	940942	71.70%	8.249%
92	13.810	2071	2078	2085	rBV	440915	757317	57.70%	6.639%
93	14.045	2115	2118	2124	rVB	18540	30339	2.31%	0.266%
94	14.786	2235	2244	2263	rVB2	200293	725944	55.31%	6.364%
95	15.481	2358	2362	2369	rVB2	21883	39167	2.98%	0.343%
96	15.781	2411	2413	2414	rBV2	3560	2136	0.16%	0.019%
97	15.798	2414	2416	2417	rBV2	3981	3018	0.23%	0.026%
98	15.975	2444	2446	2449	rVB3	3622	2071	0.16%	0.018%
99	16.404	2517	2519	2520	rBV2	2163	1200	0.09%	0.011%
100	16.516	2536	2538	2541	rBV4	2535	3621	0.28%	0.032%

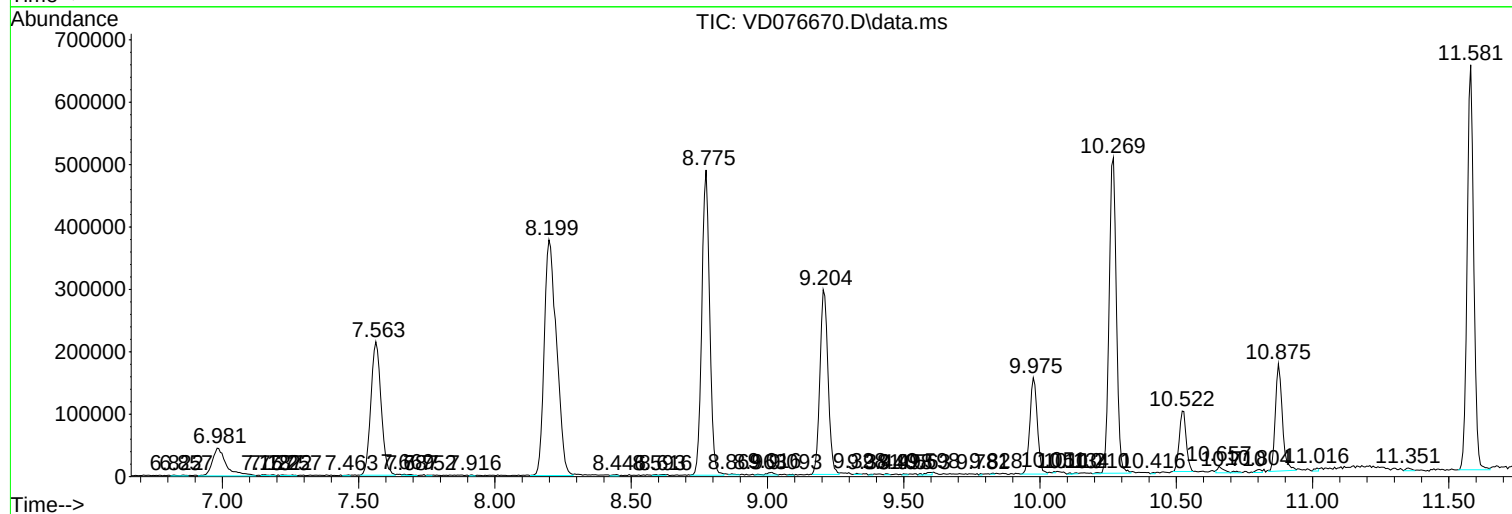
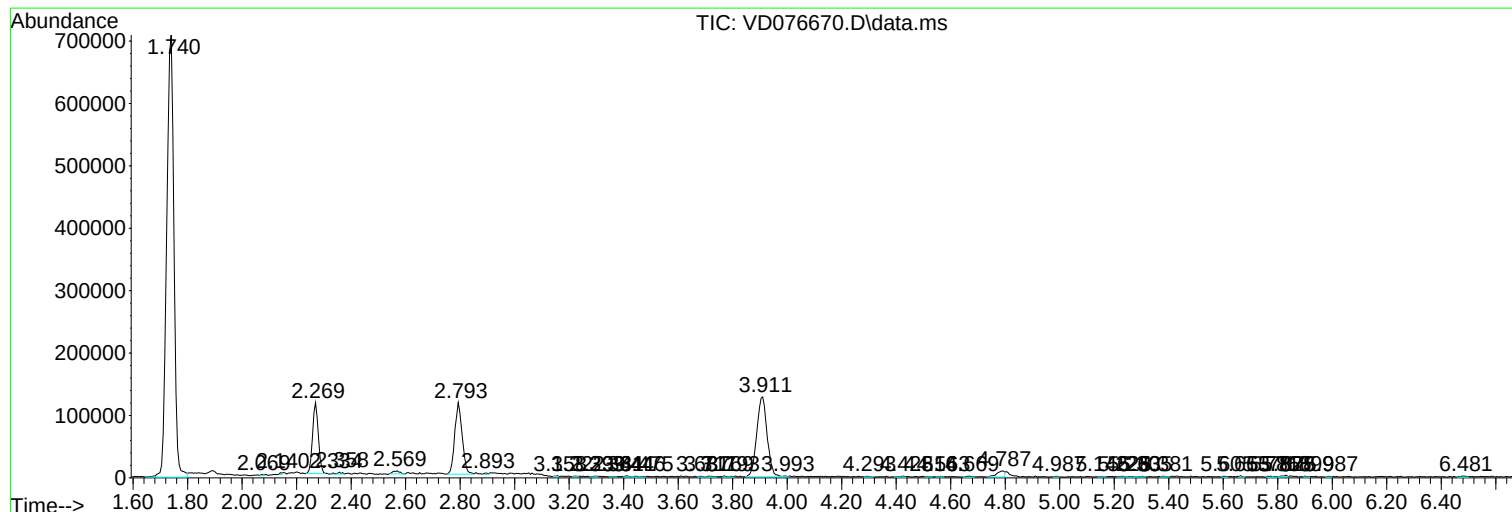
Sum of corrected areas: 11406809

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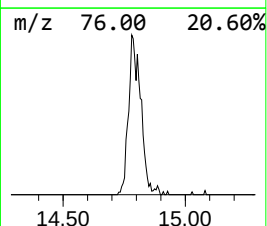
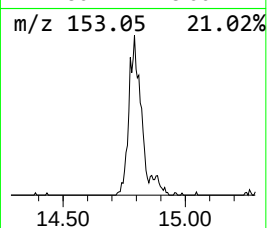
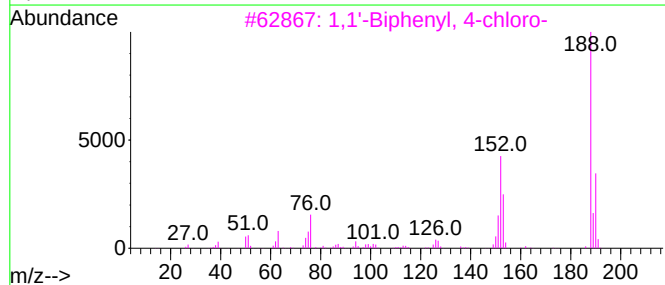
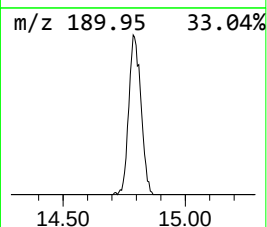
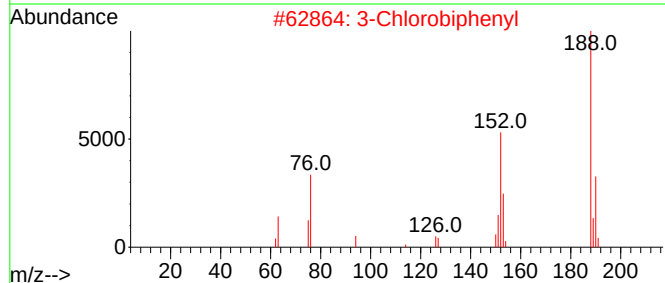
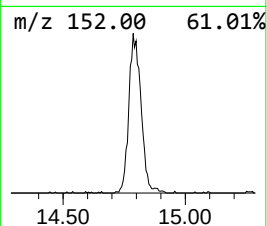
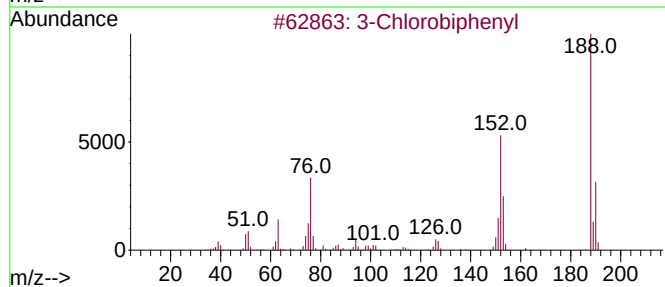
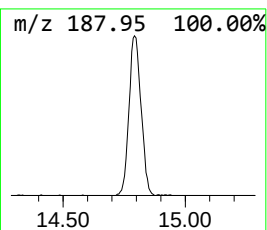
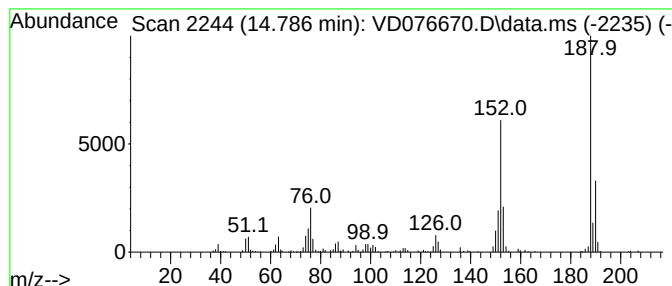
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 3-Chlorobiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	19.29 ug/L	725944	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	95
2			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	95
3			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
4			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	94
5			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Chlorobiphenyl	14.787	19.3	ug/L	725944	3	13.516	940942	25.0