

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061423\
 Data File : VW026181.D
 Acq On : 14 Jun 2023 16:27
 Operator : SY/MD
 Sample : 03234-01
 Misc : 4.93g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBTW9

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\SFAMWLM053023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026181.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	72	78	92	rBV	173373	424432	11.90%	1.642%
2	2.899	159	166	182	rVB	148294	411700	11.55%	1.593%
3	3.466	257	259	264	rVB6	1779	2083	0.06%	0.008%
4	3.509	264	266	268	rBV3	1870	1847	0.05%	0.007%
5	3.545	270	272	276	rVB5	1808	1687	0.05%	0.007%
6	3.808	311	315	316	rBV4	1501	1737	0.05%	0.007%
7	3.911	329	332	336	rBV6	1180	1473	0.04%	0.006%
8	4.021	338	350	367	rBV	340924	1137638	31.90%	4.402%
9	4.381	402	409	415	rBV2	7734	21960	0.62%	0.085%
10	4.734	463	467	468	rVV4	1942	1903	0.05%	0.007%
11	4.917	487	497	512	rBV2	17572	63842	1.79%	0.247%
12	5.131	529	532	534	rBV4	2260	2020	0.06%	0.008%
13	5.448	581	584	585	rBV3	1612	1546	0.04%	0.006%
14	5.551	597	601	603	rBV5	1041	1522	0.04%	0.006%
15	5.758	633	635	638	rVB4	1837	1808	0.05%	0.007%
16	5.807	641	643	645	rBV3	1692	1649	0.05%	0.006%
17	5.941	659	665	670	rVV9	4813	12398	0.35%	0.048%
18	6.069	682	686	690	rBV7	1875	2513	0.07%	0.010%
19	6.179	701	704	706	rBV4	1737	1536	0.04%	0.006%
20	6.216	706	710	713	rBV6	1299	1566	0.04%	0.006%
21	6.374	735	736	741	rVB4	1146	1504	0.04%	0.006%
22	6.490	750	755	756	rVB5	1095	1689	0.05%	0.007%
23	6.557	765	766	770	rVB3	2122	1579	0.04%	0.006%
24	6.685	784	787	791	rBV6	1660	2445	0.07%	0.009%
25	6.734	791	795	800	rVB7	1125	2024	0.06%	0.008%
26	6.813	805	808	811	rBV4	1659	2630	0.07%	0.010%
27	7.075	841	851	856	rBV	103863	291806	8.18%	1.129%
28	7.648	935	945	958	rVB	606142	1481477	41.55%	5.733%
29	7.752	958	962	965	rBV6	2481	3544	0.10%	0.014%
30	7.892	983	985	989	rVV5	1567	2479	0.07%	0.010%
31	7.953	989	995	997	rVV7	1656	3137	0.09%	0.012%
32	8.008	1001	1004	1007	rBV5	1462	1822	0.05%	0.007%
33	8.063	1010	1013	1016	rBV5	1222	1855	0.05%	0.007%
34	8.112	1018	1021	1026	rVB6	1644	3180	0.09%	0.012%
35	8.191	1031	1034	1036	rBV4	2667	3005	0.08%	0.012%
36	8.276	1036	1048	1064	rBV2	1228097	3565789	100.00%	13.799%

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 Title : SFAM01.0

37	8.459	1075	1078	1081	rVB5	1565	1815	0.05%	0.007%
38	8.538	1087	1091	1092	rBV4	978	1506	0.04%	0.006%
39	8.630	1103	1106	1112	rVB8	2028	3239	0.09%	0.013%
40	8.697	1112	1117	1121	rVB8	3007	6178	0.17%	0.024%
41	8.837	1130	1140	1153	rBV	1277246	2527014	70.87%	9.779%
42	9.075	1173	1179	1180	rBV6	6394	9024	0.25%	0.035%
43	9.185	1194	1197	1201	rVB5	1463	2320	0.07%	0.009%
44	9.270	1201	1211	1222	rBV	858803	1728864	48.48%	6.690%
45	9.532	1252	1254	1258	rBV5	2247	2272	0.06%	0.009%
46	9.660	1271	1275	1282	rVB5	8304	15743	0.44%	0.061%
47	9.715	1282	1284	1287	rVB4	1450	1571	0.04%	0.006%
48	10.032	1327	1336	1345	rBV	413773	742881	20.83%	2.875%
49	10.130	1349	1352	1359	rVB8	5785	10073	0.28%	0.039%
50	10.203	1359	1364	1366	rBV6	2323	3622	0.10%	0.014%
51	10.319	1376	1383	1400	rBV	1611357	2848570	79.89%	11.023%
52	10.434	1400	1402	1407	rVB5	1906	2141	0.06%	0.008%
53	10.575	1417	1425	1436	rBV2	261587	450690	12.64%	1.744%
54	10.703	1440	1446	1453	rBV2	20605	39564	1.11%	0.153%
55	10.855	1464	1471	1476	rVV9	7499	13221	0.37%	0.051%
56	10.922	1476	1482	1495	rBV	363623	630904	17.69%	2.441%
57	11.062	1500	1505	1513	rVB4	10961	24088	0.68%	0.093%
58	11.172	1520	1523	1524	rBV3	1887	1553	0.04%	0.006%
59	11.434	1561	1566	1572	rVB3	12345	21085	0.59%	0.082%
60	11.629	1590	1598	1608	rBV	1699190	2813883	78.91%	10.889%
61	11.837	1628	1632	1635	rVB6	1973	3564	0.10%	0.014%
62	12.032	1662	1664	1670	rVB7	1186	1895	0.05%	0.007%
63	12.099	1670	1675	1679	rBV6	3278	4549	0.13%	0.018%
64	12.324	1707	1712	1716	rBV7	5420	9521	0.27%	0.037%
65	12.471	1728	1736	1743	rVV	284241	485964	13.63%	1.881%
66	12.599	1751	1757	1764	rVB3	35335	73363	2.06%	0.284%
67	12.690	1765	1772	1780	rBV	580248	962756	27.00%	3.726%
68	12.940	1807	1813	1820	rVV7	9695	23450	0.66%	0.091%
69	13.025	1822	1827	1833	rVB8	5280	8954	0.25%	0.035%
70	13.117	1835	1842	1845	rBV9	2975	5571	0.16%	0.022%
71	13.184	1851	1853	1858	rVB3	3903	4957	0.14%	0.019%
72	13.269	1858	1867	1877	rVB7	18043	50402	1.41%	0.195%
73	13.361	1880	1882	1884	rBV3	1796	1683	0.05%	0.007%
74	13.397	1884	1888	1893	rVB5	9559	17173	0.48%	0.066%
75	13.464	1894	1899	1903	rBV5	13532	23175	0.65%	0.090%
76	13.556	1907	1914	1925	rBV	1587875	2536967	71.15%	9.817%

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 Title : SFAM01.0

77	13.848	1955	1962	1974	rBV	1279544	2103945	59.00%	8.142%
78	14.062	1992	1997	2002	rBV	12118	18671	0.52%	0.072%
79	14.324	2030	2040	2044	rBV	6639	15571	0.44%	0.060%
80	14.519	2068	2072	2076	rVV7	3043	5244	0.15%	0.020%
81	14.556	2076	2078	2082	rVB4	1566	1977	0.06%	0.008%
82	14.623	2084	2089	2094	rBV9	4849	8875	0.25%	0.034%
83	14.714	2102	2104	2110	rVB6	3620	4874	0.14%	0.019%
84	14.964	2143	2145	2148	rVV4	2166	2329	0.07%	0.009%
85	14.989	2148	2149	2153	rVV4	1580	2115	0.06%	0.008%
86	15.056	2158	2160	2163	rBV4	1837	1934	0.05%	0.007%
87	15.129	2169	2172	2174	rBV4	3319	3773	0.11%	0.015%
88	15.178	2177	2180	2186	rVB7	5011	8006	0.22%	0.031%
89	15.312	2199	2202	2203	rBV3	2085	1804	0.05%	0.007%
90	15.360	2206	2210	2214	rVV6	4674	7482	0.21%	0.029%
91	15.427	2215	2221	2227	rVV2	29367	51452	1.44%	0.199%
92	15.537	2237	2239	2240	rBV2	2444	2507	0.07%	0.010%
93	15.757	2272	2275	2278	rBV5	2111	3010	0.08%	0.012%
94	15.885	2294	2296	2299	rVB3	2005	1505	0.04%	0.006%
95	15.946	2303	2306	2313	rBV9	2183	5201	0.15%	0.020%
96	16.001	2313	2315	2318	rBV4	1708	1693	0.05%	0.007%
97	16.202	2346	2348	2352	rBV5	1372	1620	0.05%	0.006%
98	16.464	2388	2391	2392	rBV3	2019	1933	0.05%	0.007%
99	16.696	2427	2429	2434	rVB6	2055	2135	0.06%	0.008%
100	16.738	2434	2436	2437	rBV2	1587	1483	0.04%	0.006%

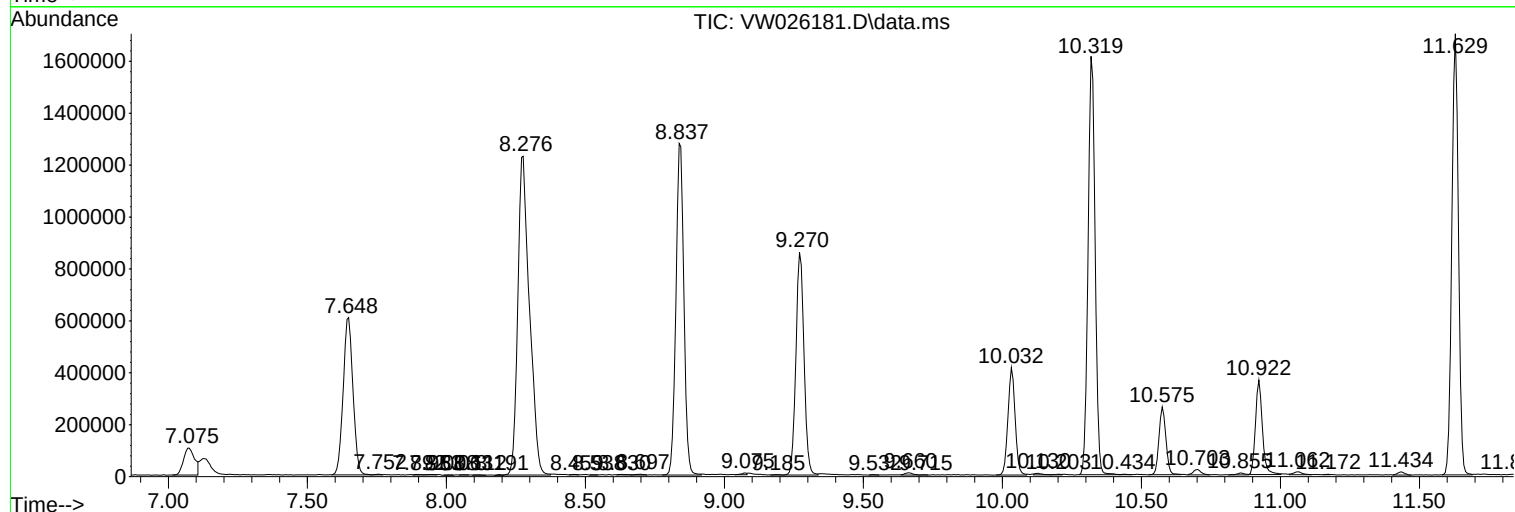
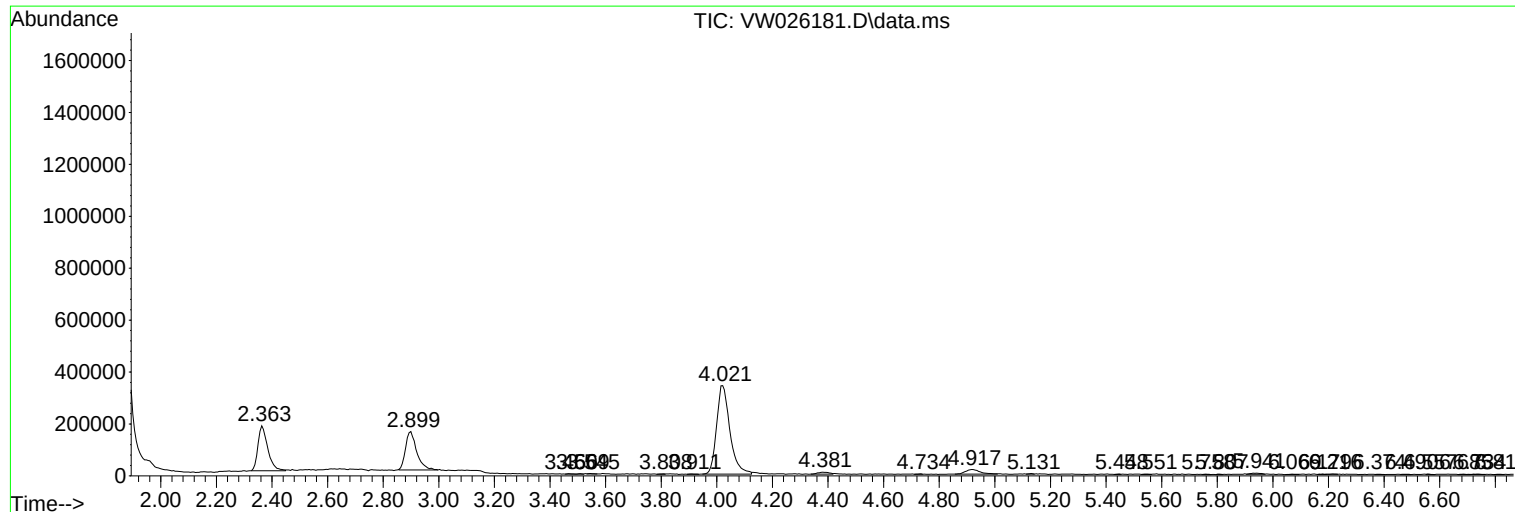
Sum of corrected areas: 25841729

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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



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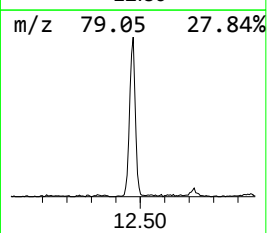
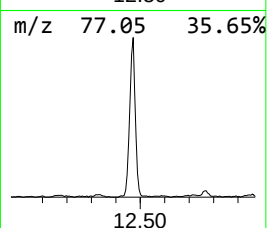
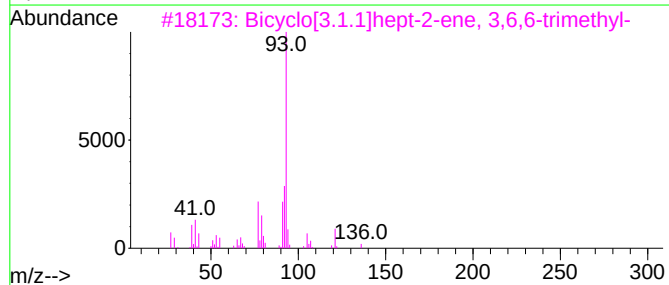
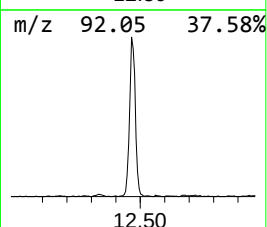
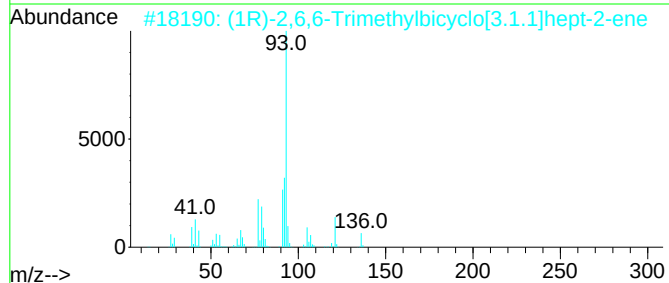
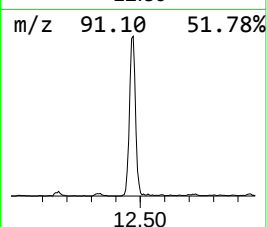
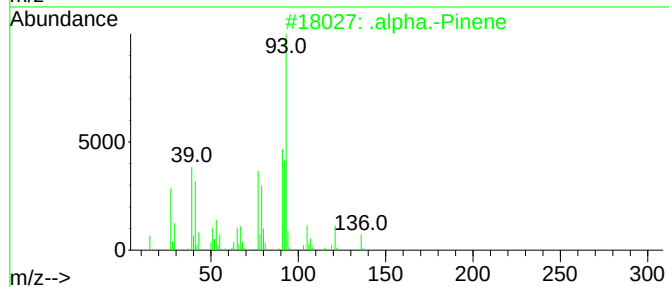
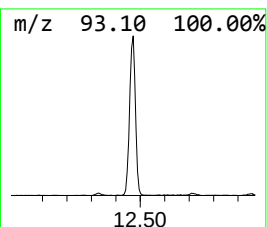
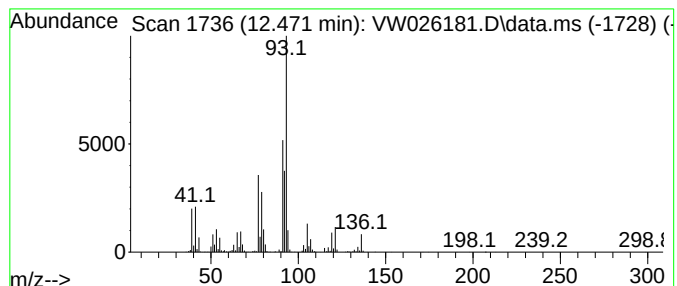
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	4.32 ug/L	485964	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	95
2			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90
5			3-Carene	136	C10H16	013466-78-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.471	4.3	ug/L	485964	2	11.629	2813880	25.0