

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015907.D
 Acq On : 22 Jul 2020 16:45
 Operator : SY/VA
 Sample : L3388-13
 Misc : 4.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AD9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	68	75	86	rVB	117364	239979	9.80%	1.682%
2	2.892	155	162	178	rVB	82727	204870	8.37%	1.436%
3	3.580	269	275	276	rBV5	5256	9006	0.37%	0.063%
4	3.843	316	318	323	rVB3	605	520	0.02%	0.004%
5	4.013	335	346	363	rBV	198604	609524	24.89%	4.271%
6	4.306	391	394	395	rVB2	433	340	0.01%	0.002%
7	4.336	395	399	400	rBV2	372	402	0.02%	0.003%
8	4.428	408	414	415	rBV2	763	952	0.04%	0.007%
9	4.617	443	445	448	rVB2	440	451	0.02%	0.003%
10	4.641	448	449	453	rBV3	326	413	0.02%	0.003%
11	4.751	464	467	473	rVB4	362	747	0.03%	0.005%
12	4.818	476	478	480	rBV	254	301	0.01%	0.002%
13	4.916	483	494	512	rBV2	31402	106399	4.35%	0.746%
14	5.129	522	529	533	rBV4	677	1812	0.07%	0.013%
15	5.196	536	540	542	rBV3	604	973	0.04%	0.007%
16	5.452	579	582	586	rVB2	214	329	0.01%	0.002%
17	5.787	632	637	638	rBV3	334	577	0.02%	0.004%
18	5.940	651	662	674	rVV3	8186	25713	1.05%	0.180%
19	6.921	820	823	825	rBV2	192	314	0.01%	0.002%
20	7.086	841	850	857	rBV	60080	168358	6.88%	1.180%
21	7.354	893	894	899	rVB2	399	322	0.01%	0.002%
22	7.446	904	909	919	rVB5	1362	3752	0.15%	0.026%
23	7.653	932	943	960	rBV	276650	682085	27.86%	4.779%
24	7.866	976	978	981	rVV2	340	323	0.01%	0.002%
25	7.958	991	993	1000	rVB3	1436	1585	0.06%	0.011%
26	8.281	1035	1046	1062	rBV2	562412	1705871	69.67%	11.953%
27	8.512	1081	1084	1088	rVB2	278	458	0.02%	0.003%
28	8.567	1091	1093	1098	rBV2	305	461	0.02%	0.003%
29	8.622	1100	1102	1108	rVB3	388	676	0.03%	0.005%
30	8.695	1108	1114	1120	rBV4	715	1582	0.06%	0.011%
31	8.848	1130	1139	1149	rBV	585756	1124109	45.91%	7.877%
32	9.086	1172	1178	1184	rVB6	1225	2686	0.11%	0.019%
33	9.281	1200	1210	1220	rBV	374859	770316	31.46%	5.398%
34	9.427	1232	1234	1238	rBV2	359	506	0.02%	0.004%

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 Title : VOC Analysis

35	9.665	1269	1273	1278	rVB4	959	1735	0.07%	0.012%
36	9.768	1286	1290	1292	rVB3	230	303	0.01%	0.002%
37	9.793	1292	1294	1299	rBV2	230	323	0.01%	0.002%
38	9.835	1299	1301	1304	rBV	246	292	0.01%	0.002%
39	10.037	1324	1334	1344	rBV	192921	347832	14.21%	2.437%
40	10.213	1360	1363	1368	rVB3	828	1112	0.05%	0.008%
41	10.329	1373	1382	1390	rBV	761976	1344517	54.91%	9.421%
42	10.433	1396	1399	1404	rVB5	3024	4665	0.19%	0.033%
43	10.476	1404	1406	1408	rBV2	386	387	0.02%	0.003%
44	10.579	1416	1423	1433	rBV	129668	226856	9.27%	1.590%
45	10.707	1437	1444	1451	rVV	43167	76457	3.12%	0.536%
46	10.927	1473	1480	1497	rBV	219857	381951	15.60%	2.676%
47	11.067	1498	1503	1515	rVB3	13753	28199	1.15%	0.198%
48	11.268	1534	1536	1537	rBV	715	384	0.02%	0.003%
49	11.286	1537	1539	1540	rVV	629	446	0.02%	0.003%
50	11.439	1558	1564	1571	rVB2	11507	20133	0.82%	0.141%
51	11.634	1588	1596	1604	rBV	736369	1229147	50.20%	8.613%
52	11.731	1608	1612	1620	rVB2	4337	7998	0.33%	0.056%
53	11.841	1627	1630	1638	rVB8	2074	3817	0.16%	0.027%
54	11.951	1647	1648	1651	rBV3	353	331	0.01%	0.002%
55	12.183	1679	1686	1692	rVB3	2491	5262	0.21%	0.037%
56	12.243	1692	1696	1698	rBV3	288	389	0.02%	0.003%
57	12.372	1709	1717	1722	rVB3	8123	14651	0.60%	0.103%
58	12.475	1726	1734	1749	rBV	1530507	2448502	100.00%	17.157%
59	12.609	1749	1756	1763	rVB	46153	76477	3.12%	0.536%
60	12.695	1763	1770	1785	rBV	287674	514782	21.02%	3.607%
61	12.804	1785	1788	1792	rVB	753	1022	0.04%	0.007%
62	12.871	1795	1799	1802	rBV4	712	1402	0.06%	0.010%
63	12.932	1805	1809	1818	rVB4	7042	12757	0.52%	0.089%
64	13.030	1818	1825	1831	rVB	14191	23185	0.95%	0.162%
65	13.085	1831	1834	1836	rBV3	405	529	0.02%	0.004%
66	13.121	1836	1840	1841	rBV4	2336	2756	0.11%	0.019%
67	13.158	1841	1846	1850	rVV3	5900	8874	0.36%	0.062%
68	13.213	1850	1855	1860	rVV	24346	38457	1.57%	0.269%
69	13.298	1864	1869	1874	rVB2	13189	21159	0.86%	0.148%
70	13.365	1876	1880	1881	rBV3	694	669	0.03%	0.005%
71	13.414	1881	1888	1892	rBV2	6201	10367	0.42%	0.073%

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72	13.469	1892	1897	1905	rBV3	16816	32411	1.32%	0.227%
73	13.560	1905	1912	1925	rVV	543173	860741	35.15%	6.031%
74	13.713	1933	1937	1941	rBV5	747	1024	0.04%	0.007%
75	13.762	1942	1945	1952	rVB5	1089	2257	0.09%	0.016%
76	13.853	1952	1960	1973	rBV	430731	725305	29.62%	5.082%
77	14.005	1980	1985	1989	rBV5	1671	3424	0.14%	0.024%
78	14.072	1990	1996	2006	rVV2	23836	39953	1.63%	0.280%
79	14.194	2010	2016	2022	rBV4	1613	2918	0.12%	0.020%
80	14.328	2031	2038	2041	rBV6	4270	7575	0.31%	0.053%
81	14.438	2053	2056	2057	rVB3	548	508	0.02%	0.004%
82	14.481	2060	2063	2064	rBV2	657	715	0.03%	0.005%
83	14.591	2078	2081	2083	rBV2	303	378	0.02%	0.003%
84	14.633	2083	2088	2092	rBV4	2225	3739	0.15%	0.026%
85	14.731	2096	2104	2110	rVB2	6320	10054	0.41%	0.070%
86	14.834	2120	2121	2125	rBV3	307	350	0.01%	0.002%
87	14.969	2141	2143	2144	rBV2	372	299	0.01%	0.002%
88	15.036	2153	2154	2155	rBV	586	383	0.02%	0.003%
89	15.066	2155	2159	2165	rVV5	5021	9496	0.39%	0.067%
90	15.139	2167	2171	2174	rVB3	1922	3382	0.14%	0.024%
91	15.304	2196	2198	2199	rBV	429	328	0.01%	0.002%
92	15.365	2199	2208	2212	rVV3	2447	5507	0.22%	0.039%
93	15.438	2216	2220	2225	rVV	10162	16874	0.69%	0.118%
94	15.499	2225	2230	2235	rVB	3900	7070	0.29%	0.050%
95	15.554	2235	2239	2244	rBV4	2304	4222	0.17%	0.030%
96	15.700	2257	2263	2269	rBV6	1791	3573	0.15%	0.025%
97	15.767	2271	2274	2277	rBV4	1166	1610	0.07%	0.011%
98	15.853	2284	2288	2292	rVB6	673	1203	0.05%	0.008%
99	15.944	2301	2303	2305	rBV3	694	770	0.03%	0.005%
100	16.096	2327	2328	2330	rVB2	733	405	0.02%	0.003%

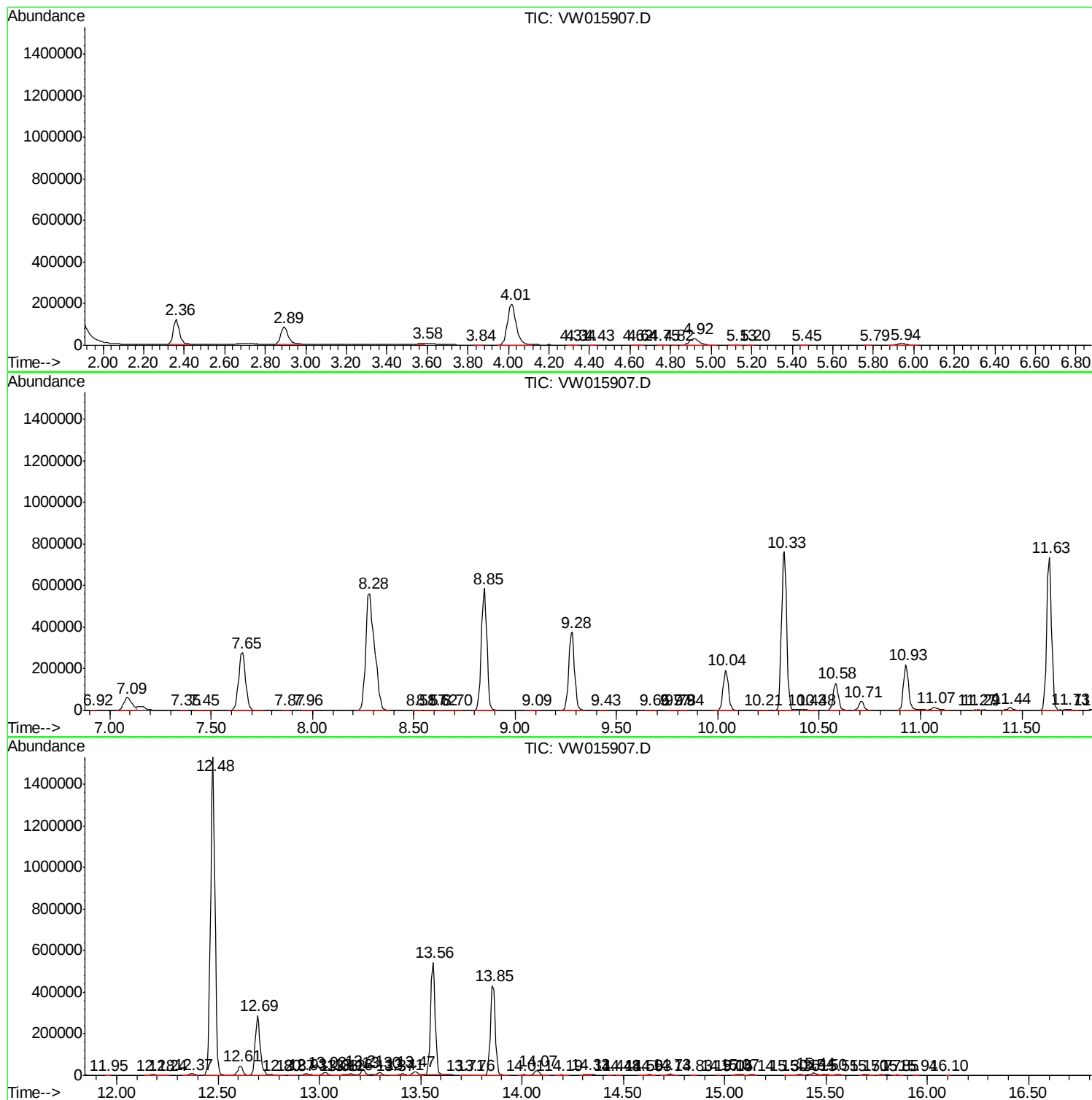
Sum of corrected areas: 14271311

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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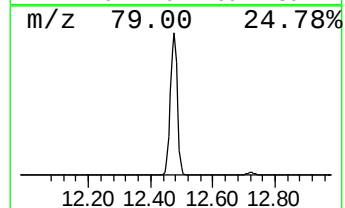
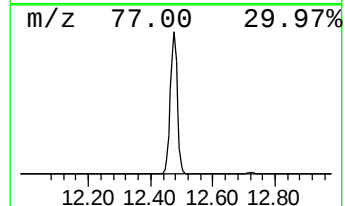
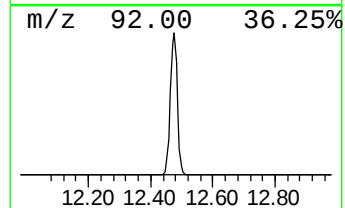
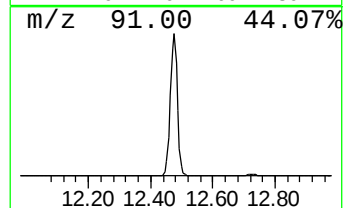
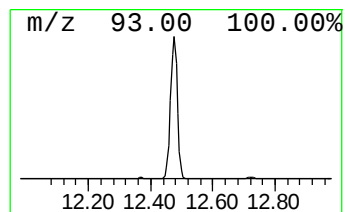
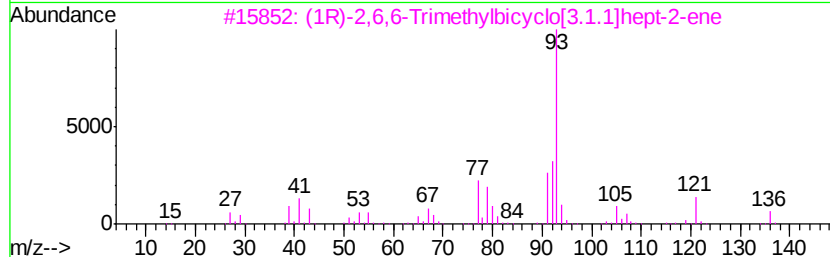
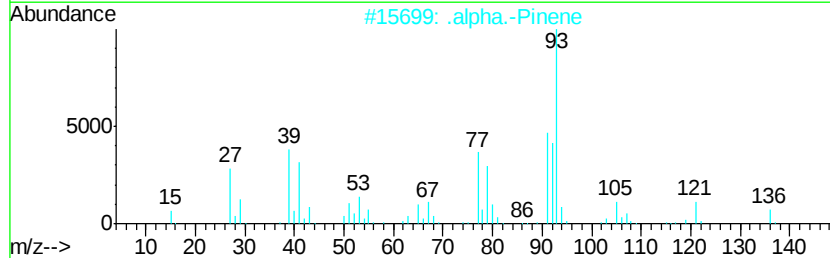
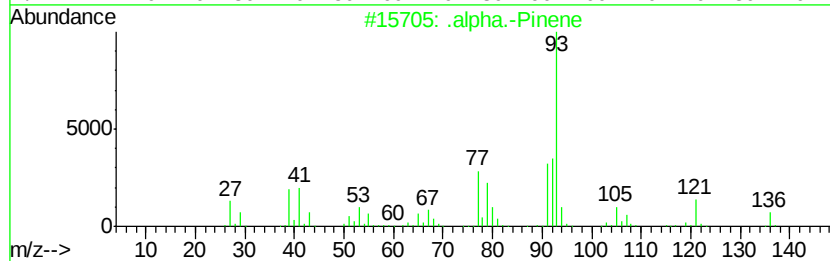
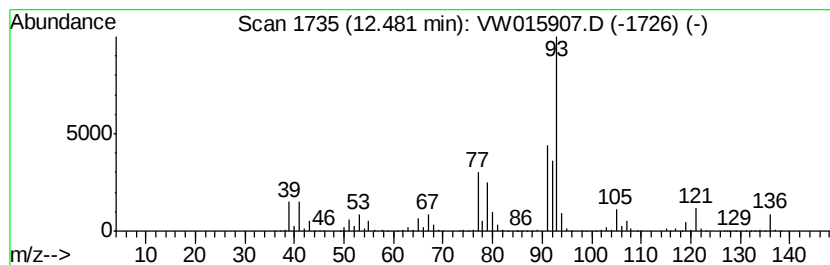
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	49.80 ug/L	2448500	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.48	49.8	ug/L	2448500	2	11.63	1229150	25.0