

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016716.D
 Acq On : 30 Sep 2020 16:51
 Operator : SY/VA
 Sample : L4201-01
 Misc : 4.61G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AJ9

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\SOM2WLM091520S.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	2.166	40	43	44	rBV2	1028	1000	0.06%	0.007%
2	2.367	69	76	87	rBV	83177	170366	10.39%	1.184%
3	2.903	156	164	183	rBV	62352	185162	11.29%	1.287%
4	3.287	226	227	232	rVB3	437	510	0.03%	0.004%
5	3.330	232	234	238	rVB3	631	592	0.04%	0.004%
6	3.385	239	243	248	rBV5	434	1102	0.07%	0.008%
7	3.537	265	268	269	rVV2	464	526	0.03%	0.004%
8	3.678	290	291	294	rVV2	419	406	0.02%	0.003%
9	3.848	315	319	321	rBV	340	566	0.03%	0.004%
10	4.031	336	349	375	rBV2	177869	555672	33.89%	3.862%
11	4.318	393	396	398	rBV2	274	417	0.03%	0.003%
12	4.391	404	408	410	rBV3	664	933	0.06%	0.006%
13	4.927	485	496	510	rBV4	16217	57958	3.53%	0.403%
14	5.116	524	527	528	rVV3	502	493	0.03%	0.003%
15	5.141	528	531	532	rVV	1058	1114	0.07%	0.008%
16	5.159	532	534	537	rVV3	1033	1175	0.07%	0.008%
17	5.183	537	538	542	rVB2	779	718	0.04%	0.005%
18	5.452	576	582	584	rBV4	340	670	0.04%	0.005%
19	5.781	634	636	639	rVV3	314	437	0.03%	0.003%
20	5.952	655	664	676	rVB6	4272	13115	0.80%	0.091%
21	6.939	821	826	828	rBV2	323	491	0.03%	0.003%
22	7.006	832	837	839	rBV2	389	418	0.03%	0.003%
23	7.086	840	850	854	rBV	38388	106839	6.52%	0.743%
24	7.140	855	859	882	rVB2	55074	150116	9.15%	1.043%
25	7.652	933	943	958	rVV	294434	733344	44.72%	5.097%
26	7.799	965	967	971	rVB3	369	559	0.03%	0.004%
27	7.957	985	993	998	rBV5	1241	3070	0.19%	0.021%
28	8.207	1030	1034	1035	rBV2	291	436	0.03%	0.003%
29	8.280	1035	1046	1063	rBV2	544606	1639789	100.00%	11.398%
30	8.476	1075	1078	1083	rBV3	384	588	0.04%	0.004%
31	8.646	1104	1106	1109	rVB3	549	514	0.03%	0.004%
32	8.689	1109	1113	1114	rBV	430	560	0.03%	0.004%
33	8.847	1131	1139	1150	rVV	719813	1407932	85.86%	9.786%
34	9.079	1173	1177	1184	rVB6	1528	2916	0.18%	0.020%

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 Title : VOC Analysis

35	9.280	1201	1210	1221	rBV	369644	748891	45.67%	5.205%
36	9.664	1267	1273	1279	rBV4	2328	4848	0.30%	0.034%
37	9.792	1290	1294	1297	rBV	393	556	0.03%	0.004%
38	9.902	1306	1312	1313	rBV3	413	597	0.04%	0.004%
39	10.036	1321	1334	1345	rBV	189368	346159	21.11%	2.406%
40	10.213	1360	1363	1367	rVB2	585	861	0.05%	0.006%
41	10.329	1374	1382	1390	rBV	826176	1425534	86.93%	9.909%
42	10.506	1405	1411	1416	rVB5	760	2058	0.13%	0.014%
43	10.579	1416	1423	1432	rBV	114424	202425	12.34%	1.407%
44	10.646	1432	1434	1437	rVV4	1092	1002	0.06%	0.007%
45	10.707	1437	1444	1453	rVV	38300	67138	4.09%	0.467%
46	10.865	1464	1470	1475	rBV	17225	31746	1.94%	0.221%
47	10.926	1475	1480	1496	rVV	144890	260249	15.87%	1.809%
48	11.067	1497	1503	1510	rVV	30838	52996	3.23%	0.368%
49	11.140	1514	1515	1517	rVV2	636	476	0.03%	0.003%
50	11.182	1517	1522	1526	rVV5	2344	3523	0.21%	0.024%
51	11.249	1529	1533	1534	rBV3	548	685	0.04%	0.005%
52	11.438	1560	1564	1570	rVB2	8283	13610	0.83%	0.095%
53	11.633	1588	1596	1609	rBV	952634	1575552	96.08%	10.951%
54	11.725	1609	1611	1612	rBV2	524	407	0.02%	0.003%
55	11.841	1626	1630	1634	rVV6	918	1820	0.11%	0.013%
56	11.926	1642	1644	1646	rBV2	482	467	0.03%	0.003%
57	12.115	1672	1675	1679	rBV4	587	848	0.05%	0.006%
58	12.170	1679	1684	1691	rVB6	1092	2257	0.14%	0.016%
59	12.335	1706	1711	1715	rBV5	4002	6436	0.39%	0.045%
60	12.475	1723	1734	1744	rBV	636695	1025042	62.51%	7.125%
61	12.609	1747	1756	1763	rVV	50045	80272	4.90%	0.558%
62	12.694	1763	1770	1785	rVB2	288122	610461	37.23%	4.243%
63	12.859	1795	1797	1799	rBV	546	548	0.03%	0.004%
64	12.956	1803	1813	1819	rBV9	6927	17943	1.09%	0.125%
65	13.030	1819	1825	1831	rVB	22488	37687	2.30%	0.262%
66	13.084	1831	1834	1837	rVB3	829	1089	0.07%	0.008%
67	13.121	1837	1840	1843	rBV5	1113	1384	0.08%	0.010%
68	13.170	1844	1848	1849	rBV4	759	863	0.05%	0.006%
69	13.200	1849	1853	1855	rVB4	1254	1626	0.10%	0.011%
70	13.243	1855	1860	1864	rBV6	1776	3172	0.19%	0.022%
71	13.298	1864	1869	1875	rVB3	5835	10810	0.66%	0.075%

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72	13.377	1878	1882	1883	rBV2	1153	1122	0.07%	0.008%
73	13.408	1883	1887	1892	rVB3	4313	6664	0.41%	0.046%
74	13.475	1892	1898	1900	rBV2	32360	54887	3.35%	0.382%
75	13.560	1906	1912	1925	rVB	905688	1454592	88.71%	10.111%
76	13.718	1933	1938	1941	rBV4	2983	4166	0.25%	0.029%
77	13.773	1942	1947	1949	rVV4	2708	5343	0.33%	0.037%
78	13.859	1953	1961	1973	rVV	664276	1143284	69.72%	7.947%
79	13.956	1973	1977	1981	rVV5	2127	3549	0.22%	0.025%
80	14.011	1981	1986	1990	rVV6	2440	5568	0.34%	0.039%
81	14.072	1990	1996	2007	rVB2	17169	31373	1.91%	0.218%
82	14.200	2013	2017	2022	rBV5	1239	1863	0.11%	0.013%
83	14.267	2026	2028	2029	rBV	384	400	0.02%	0.003%
84	14.322	2032	2037	2048	rVV	1997	5130	0.31%	0.036%
85	14.432	2052	2055	2056	rVV2	1146	1260	0.08%	0.009%
86	14.456	2057	2059	2064	rVV3	1433	1784	0.11%	0.012%
87	14.505	2064	2067	2068	rVB2	778	699	0.04%	0.005%
88	14.633	2083	2088	2091	rBV5	996	1727	0.11%	0.012%
89	14.694	2094	2098	2099	rBV2	864	1047	0.06%	0.007%
90	14.724	2100	2103	2111	rVB7	2344	4185	0.26%	0.029%
91	14.791	2111	2114	2117	rBV3	1253	1815	0.11%	0.013%
92	15.072	2155	2160	2168	rBV7	4361	8864	0.54%	0.062%
93	15.127	2168	2169	2170	rBV	857	486	0.03%	0.003%
94	15.236	2183	2187	2192	rBV4	3759	6115	0.37%	0.043%
95	15.304	2193	2198	2205	rVB2	21106	33624	2.05%	0.234%
96	15.438	2213	2220	2225	rBV2	10732	21802	1.33%	0.152%
97	15.596	2245	2246	2248	rBV2	705	694	0.04%	0.005%
98	15.840	2284	2286	2287	rBV	1010	764	0.05%	0.005%
99	16.578	2406	2407	2408	rBV2	696	402	0.02%	0.003%
100	16.614	2411	2413	2416	rBV3	830	1096	0.07%	0.008%

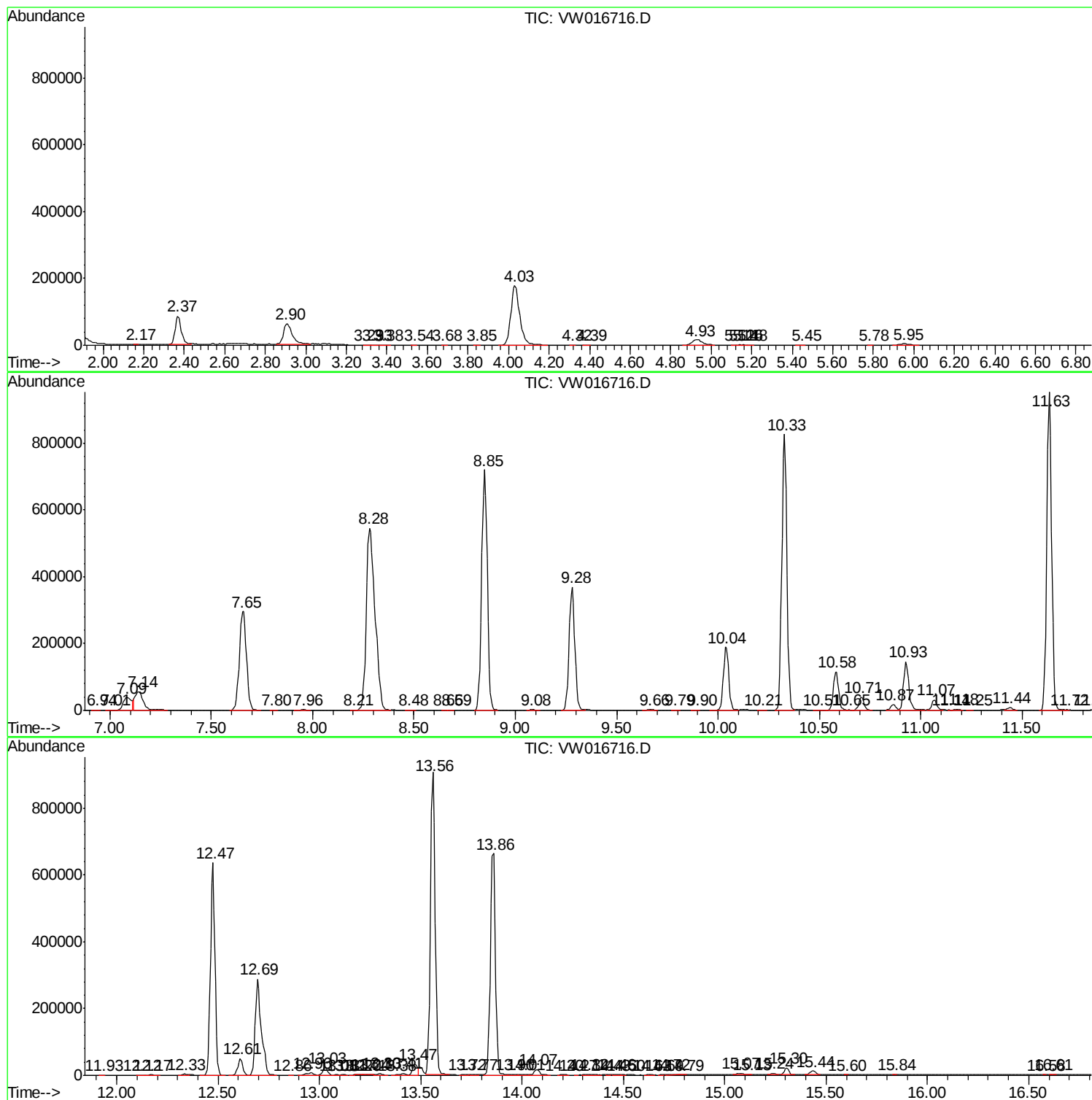
Sum of corrected areas: 14386847

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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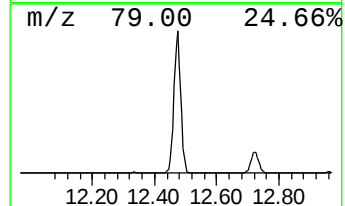
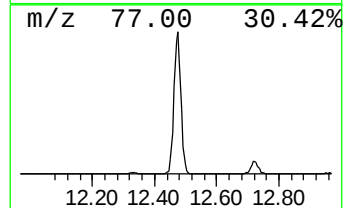
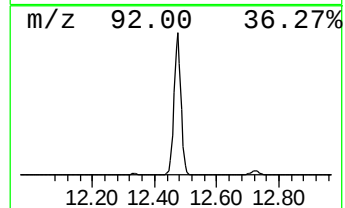
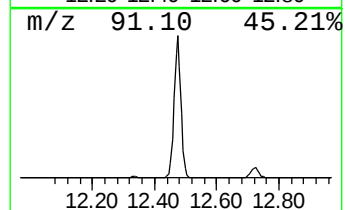
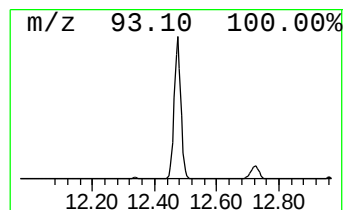
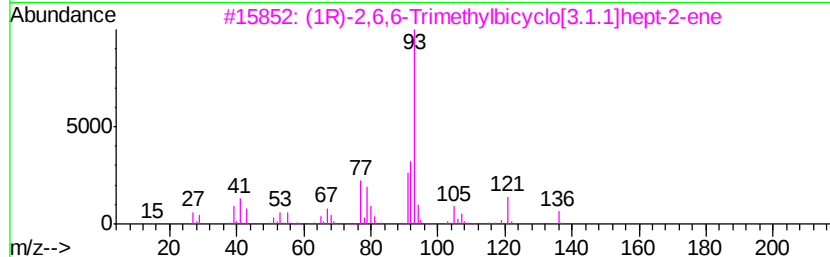
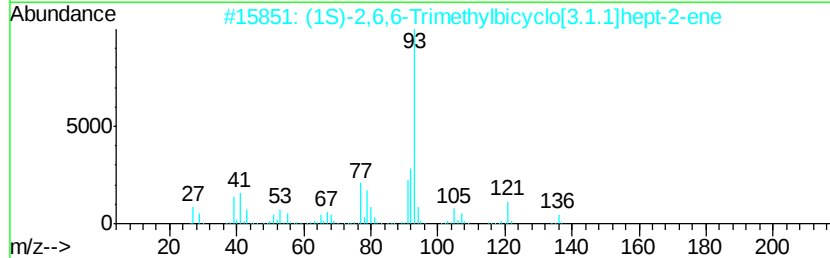
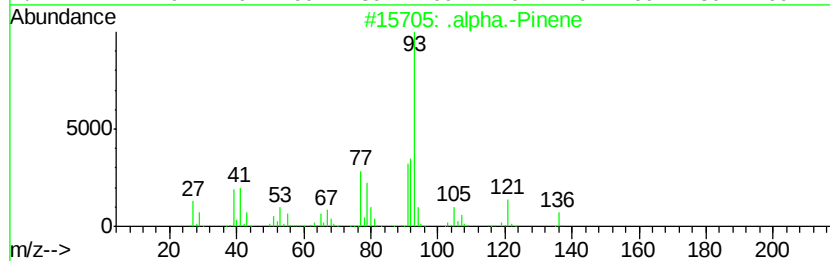
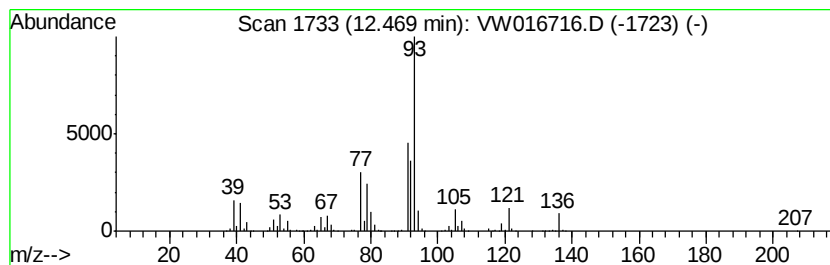
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	16.26 ug/L	1025040	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	97
2		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5		.alpha.-Pinene	136	C10H16	000080-56-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.47	16.3	ug/L	1025040	2	11.63	1575550	25.0