

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016717.D
 Acq On : 30 Sep 2020 17:15
 Operator : SY/VA
 Sample : L4201-02
 Misc : 4.28G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AK9

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	2.215	49	51	54	rBV2	1148	1285	0.08%	0.009%
2	2.367	70	76	88	rVB	87950	177030	10.76%	1.187%
3	2.910	156	165	184	rBV	64802	189639	11.52%	1.271%
4	3.385	239	243	244	rBV2	765	1000	0.06%	0.007%
5	3.751	300	303	307	rBV2	453	667	0.04%	0.004%
6	4.032	337	349	367	rBV	192441	572502	34.79%	3.838%
7	4.397	403	409	416	rVV4	2022	5489	0.33%	0.037%
8	4.611	440	444	448	rBV3	388	718	0.04%	0.005%
9	4.928	486	496	508	rBV2	18124	60314	3.67%	0.404%
10	5.129	524	529	531	rBV4	893	1245	0.08%	0.008%
11	5.763	625	633	634	rBV3	565	1182	0.07%	0.008%
12	5.958	654	665	676	rBV3	3986	11886	0.72%	0.080%
13	7.086	841	850	853	rBV	31863	79610	4.84%	0.534%
14	7.141	853	859	872	rVB	74744	211742	12.87%	1.419%
15	7.305	884	886	892	rVB5	573	845	0.05%	0.006%
16	7.653	933	943	960	rVV	300438	738743	44.89%	4.952%
17	7.958	987	993	1002	rVB4	1648	3852	0.23%	0.026%
18	8.074	1010	1012	1016	rVB3	480	686	0.04%	0.005%
19	8.281	1034	1046	1064	rBV2	558382	1645516	100.00%	11.031%
20	8.561	1089	1092	1095	rBV3	349	541	0.03%	0.004%
21	8.641	1100	1105	1110	rBV2	692	1108	0.07%	0.007%
22	8.695	1110	1114	1118	rBV5	678	1267	0.08%	0.008%
23	8.848	1130	1139	1154	rBV	733816	1437485	87.36%	9.636%
24	9.037	1167	1170	1172	rVV3	647	900	0.05%	0.006%
25	9.079	1174	1177	1183	rVB4	1679	2985	0.18%	0.020%
26	9.207	1195	1198	1201	rBV2	394	599	0.04%	0.004%
27	9.281	1201	1210	1219	rBV	367294	738579	44.88%	4.951%
28	9.348	1219	1221	1227	rVB5	1916	2910	0.18%	0.020%
29	9.585	1255	1260	1263	rBV2	474	866	0.05%	0.006%
30	9.665	1267	1273	1281	rBV2	2046	4077	0.25%	0.027%
31	9.774	1287	1291	1293	rBV4	488	663	0.04%	0.004%
32	9.896	1308	1311	1316	rVB4	1076	1558	0.09%	0.010%
33	10.037	1324	1334	1344	rBV	172345	318497	19.36%	2.135%
34	10.220	1360	1364	1368	rBV2	984	1614	0.10%	0.011%

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 Title : VOC Analysis

35	10.329	1373	1382	1390	rBV	807657	1438820	87.44%	9.645%
36	10.402	1391	1394	1395	rBV3	1693	1667	0.10%	0.011%
37	10.506	1404	1411	1416	rVB6	1338	2743	0.17%	0.018%
38	10.579	1416	1423	1436	rBV	100024	180005	10.94%	1.207%
39	10.707	1437	1444	1451	rVV	55224	97797	5.94%	0.656%
40	10.768	1452	1454	1456	rVV3	1229	1434	0.09%	0.010%
41	10.817	1460	1462	1464	rVV3	715	874	0.05%	0.006%
42	10.866	1464	1470	1474	rVV6	8563	16554	1.01%	0.111%
43	10.927	1474	1480	1492	rVV	116219	203128	12.34%	1.362%
44	11.030	1493	1497	1498	rVV3	4477	5839	0.35%	0.039%
45	11.067	1498	1503	1514	rVV	45728	80729	4.91%	0.541%
46	11.177	1518	1521	1526	rVB4	4190	6702	0.41%	0.045%
47	11.232	1526	1530	1534	rBV5	728	1340	0.08%	0.009%
48	11.274	1534	1537	1539	rBV4	769	786	0.05%	0.005%
49	11.445	1556	1565	1572	rVB2	12694	24983	1.52%	0.167%
50	11.518	1574	1577	1578	rBV2	643	588	0.04%	0.004%
51	11.634	1588	1596	1607	rBV	918054	1545940	93.95%	10.363%
52	11.713	1607	1609	1611	rVV3	765	746	0.05%	0.005%
53	11.823	1625	1627	1628	rBV	654	598	0.04%	0.004%
54	11.841	1628	1630	1638	rVB4	1367	2245	0.14%	0.015%
55	12.116	1672	1675	1680	rBV4	843	1531	0.09%	0.010%
56	12.183	1680	1686	1693	rVV	17742	29134	1.77%	0.195%
57	12.237	1693	1695	1697	rVV2	506	528	0.03%	0.004%
58	12.335	1706	1711	1715	rBV3	8592	14454	0.88%	0.097%
59	12.372	1715	1717	1725	rVB5	2716	3277	0.20%	0.022%
60	12.475	1725	1734	1743	rBV	965791	1591062	96.69%	10.666%
61	12.609	1748	1756	1763	rBV	91680	161359	9.81%	1.082%
62	12.695	1763	1770	1790	rVB2	244966	544330	33.08%	3.649%
63	12.853	1792	1796	1800	rBV5	1144	1740	0.11%	0.012%
64	12.957	1804	1813	1819	rBV4	24740	61019	3.71%	0.409%
65	13.030	1819	1825	1830	rVB	30474	50350	3.06%	0.338%
66	13.085	1830	1834	1836	rBV4	1287	1526	0.09%	0.010%
67	13.121	1836	1840	1843	rBV3	4235	5969	0.36%	0.040%
68	13.164	1844	1847	1849	rBV4	1648	1791	0.11%	0.012%
69	13.201	1849	1853	1858	rBV2	4608	7733	0.47%	0.052%
70	13.298	1864	1869	1877	rVB2	14738	27951	1.70%	0.187%
71	13.408	1877	1887	1892	rBV2	15806	31888	1.94%	0.214%

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72	13.469	1892	1897	1901	rBV3	22469	39919	2.43%	0.268%
73	13.560	1905	1912	1925	rVB	760294	1228000	74.63%	8.232%
74	13.713	1935	1937	1941	rVB4	1656	2134	0.13%	0.014%
75	13.762	1941	1945	1950	rVV6	5593	10012	0.61%	0.067%
76	13.853	1953	1960	1967	rVV	548566	920865	55.96%	6.173%
77	13.908	1967	1969	1974	rVV3	5902	7507	0.46%	0.050%
78	13.951	1974	1976	1980	rVB4	3123	4337	0.26%	0.029%
79	14.012	1980	1986	1987	rBV6	2595	4301	0.26%	0.029%
80	14.072	1991	1996	2005	rVB2	36602	59244	3.60%	0.397%
81	14.201	2012	2017	2021	rVB2	2900	4743	0.29%	0.032%
82	14.329	2030	2038	2041	rBV5	6675	13410	0.81%	0.090%
83	14.432	2051	2055	2056	rBV3	925	1172	0.07%	0.008%
84	14.530	2063	2071	2072	rBV5	2141	5091	0.31%	0.034%
85	14.627	2084	2087	2088	rBV3	1072	883	0.05%	0.006%
86	14.737	2099	2105	2111	rBV5	12348	23687	1.44%	0.159%
87	14.792	2112	2114	2119	rBV5	1152	1406	0.09%	0.009%
88	15.030	2151	2153	2155	rBV3	869	955	0.06%	0.006%
89	15.133	2168	2170	2174	rVB5	2625	2919	0.18%	0.020%
90	15.237	2182	2187	2193	rBV3	8972	13543	0.82%	0.091%
91	15.304	2193	2198	2205	rVB	36825	59648	3.62%	0.400%
92	15.432	2210	2219	2225	rBV3	28328	60932	3.70%	0.408%
93	15.694	2258	2262	2266	rBV6	2883	5081	0.31%	0.034%
94	15.773	2271	2275	2277	rBV5	2699	4108	0.25%	0.028%
95	15.962	2301	2306	2307	rBV5	2155	3504	0.21%	0.023%
96	16.042	2316	2319	2320	rBV3	1395	1552	0.09%	0.010%
97	16.145	2334	2336	2337	rBV	950	642	0.04%	0.004%
98	16.218	2346	2348	2350	rBV2	835	668	0.04%	0.004%
99	16.426	2376	2382	2394	rVB4	27109	55644	3.38%	0.373%
100	16.688	2420	2425	2433	rVB5	7119	14620	0.89%	0.098%

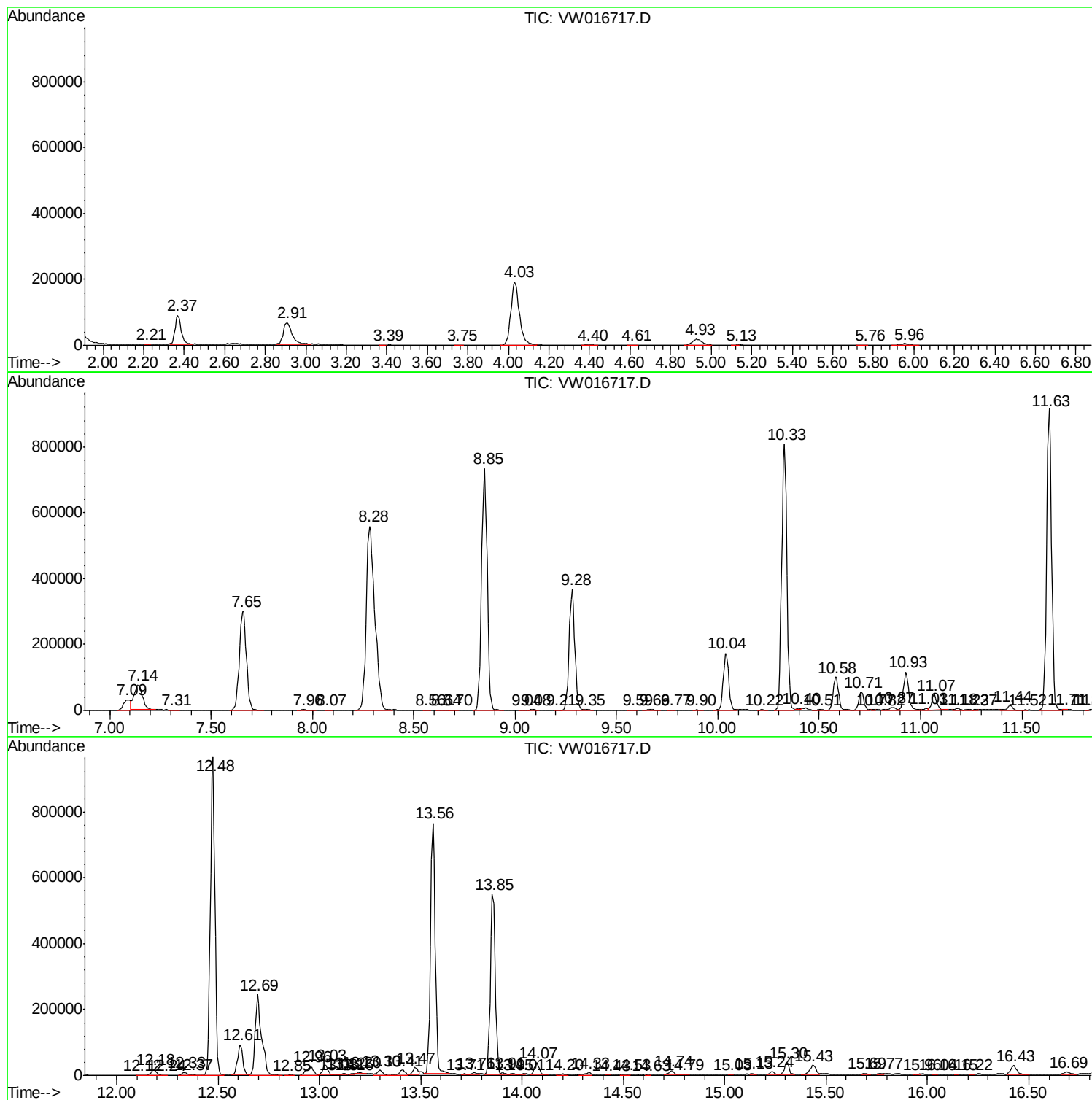
Sum of corrected areas: 14917287

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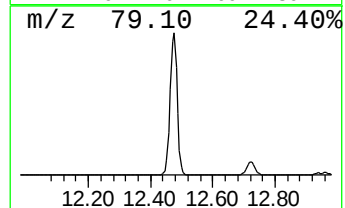
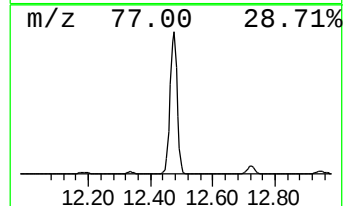
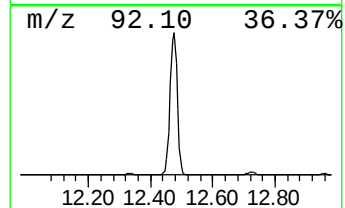
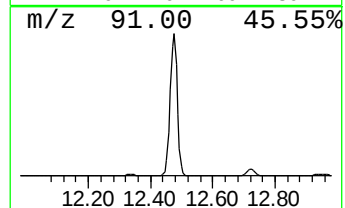
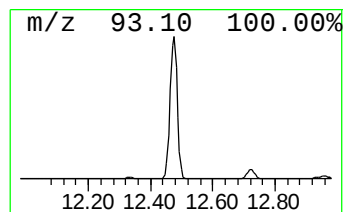
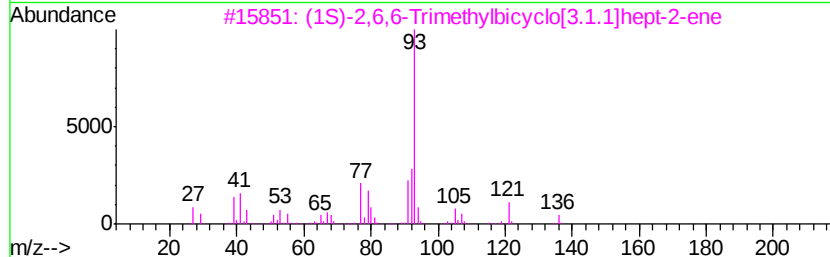
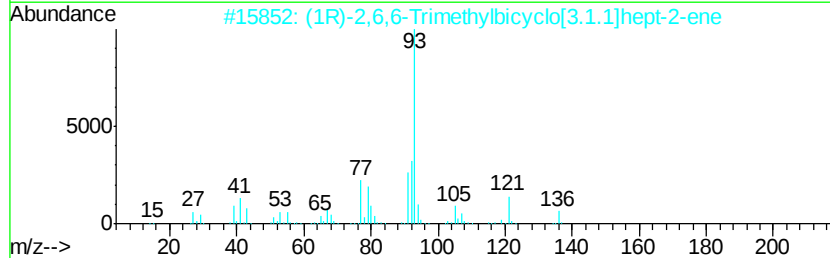
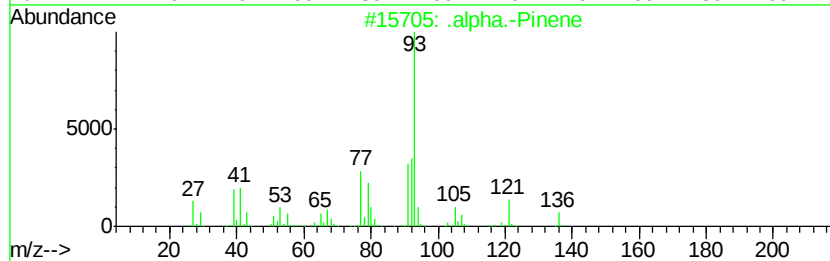
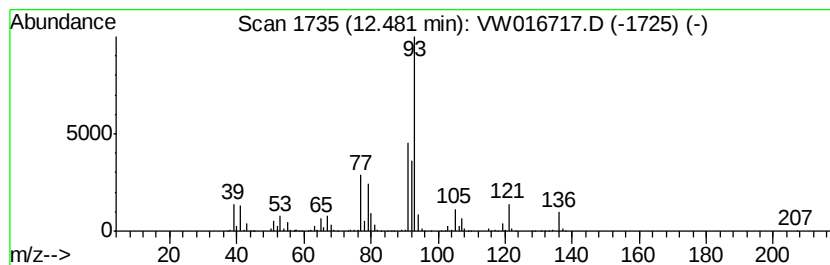
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 5 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	25.73 ug/L	1591060	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	97
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5		.gamma.-Terpinene	136	C10H16	000099-85-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.48	25.7	ug/L	1591060	2	11.63	1545940	25.0