LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
Data File : VW005391.D
Acq On : 14 Sep 2018 16:55
Operator : SY/AP
Sample : J4865-18
Misc : 5.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB3P6

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\SOM2WLM091318S.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	2.349	67	73	86	rVB	81474	137751	10.89%	1.679%
2	2.501	95	98	105	rVB3	2069	3779	0.30%	0.046%
3	2.885	154	161	173	rVB	65876	128005	10.12%	1.560%
4	2.971	173	175	176	rBV	891	603	0.05%	0.007%
5	3.270	219	224	234	rBV6	1730	4372	0.35%	0.053%
6	3.373	238	241	242	rBV2	699	660	0.05%	0.008%
7	3.398	243	245	247	rVB2	673	474	0.04%	0.006%
8	3.495	259	261	264	rVB3	314	328	0.03%	0.004%
9	3.648	283	286	290	rBV3	353	573	0.05%	0.007%
10	3.867	314	322	328	rBV4	1429	3254	0.26%	0.040%
11	4.019	336	347	359	rBV	112225	296673	23.45%	3.616%
12	4.160	361	370	377	rVV2	5248	16539	1.31%	0.202%
13	4.464	413	420	424	rBV4	906	2491	0.20%	0.030%
14	4.696	456	458	465	rVB4	382	617	0.05%	0.008%
15	4.818	475	478	481	rBV2	238	323	0.03%	0.004%
16	4.922	485	495	508	rBV	17401	56448	4.46%	0.688%
17	5.098	519	524	525	rBV	558	722	0.06%	0.009%
18	5.123	525	528	536	rVV3	995	2360	0.19%	0.029%
19	5.184	536	538	539	rVV2	550	466	0.04%	0.006%
20	5.202	539	541	542	rVV	569	400	0.03%	0.005%
21	5.226	542	545	547	rVB3	320	403	0.03%	0.005%
22	5.367	564	568	572	rVB3	243	437	0.03%	0.005%
23	5.422	574	577	581	rVB3	191	318	0.03%	0.004%
24	5.464	581	584	587	rVB4	224	339	0.03%	0.004%
25	5.745	627	630	632	rVV3	342	457	0.04%	0.006%
26	5.787	636	637	641	rVV2	360	417	0.03%	0.005%
27	5.952	655	664	674	rVV4	3694	11304	0.89%	0.138%
28	6.141	692	695	696	rBV2	270	342	0.03%	0.004%
29	6.726	789	791	795	rBV2	313	327	0.03%	0.004%
30	6.915	820	822	823	rBV2	513	418	0.03%	0.005%
31	7.098	842	852	855	rBV2	28137	77780	6.15%	0.948%
32	7.147	856	860	875	rVB	38361	101442	8.02%	1.237%
33	7.421	893	905	912	rBV5	1605	6182	0.49%	0.075%
34	7.653	933	943	959	rVB	159057	395179	31.24%	4.817%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB3P6

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Title : VOC Analysis

35	8.043	1005	1007	1009	rBV2	347	328	0.03%	0.004%
36	8.074	1009	1012	1015	rBV3	384	513	0.04%	0.006%
37	8.134	1019	1022	1023	rBV3	523	612	0.05%	0.007%
38	8.281	1028	1046	1063	rBV3	384190	1264873	100.00%	15.418%
39	8.634	1100	1104	1105	rBV2	1272	1799	0.14%	0.022%
40	8.848	1131	1139	1158	rBV	350330	710223	56.15%	8.657%
41	9.018	1166	1167	1169	rBV2	581	452	0.04%	0.006%
42	9.073	1170	1176	1178	rBV5	3170	5076	0.40%	0.062%
43	9.153	1187	1189	1193	rVB3	987	864	0.07%	0.011%
44	9.281	1201	1210	1223	rBV	219131	447783	35.40%	5.458%
45	9.476	1239	1242	1243	rBV2	521	422	0.03%	0.005%
46	9.677	1273	1275	1278	rVB3	666	592	0.05%	0.007%
47	9.774	1285	1291	1294	rBV5	1645	3584	0.28%	0.044%
48	9.896	1306	1311	1319	rVB4	4537	8785	0.69%	0.107%
49	9.963	1320	1322	1326	rVV3	904	1268	0.10%	0.015%
50	10.043	1328	1335	1343	rVB	115794	213772	16.90%	2.606%
51	10.152	1352	1353	1357	rVB2	422	394	0.03%	0.005%
52	10.219	1359	1364	1366	rBV3	1544	2474	0.20%	0.030%
53	10.329	1374	1382	1391	rBV	486808	852487	67.40%	10.391%
54	10.585	1417	1424	1432	rVB	82023	144629	11.43%	1.763%
55	10.713	1437	1445	1451	rBV	39482	82741	6.54%	1.009%
56	10.933	1474	1481	1492	rBV	129352	231728	18.32%	2.825%
57	11.067	1498	1503	1512	rVB	52495	84683	6.69%	1.032%
58	11.183	1516	1522	1526	rBV5	3460	6303	0.50%	0.077%
59	11.280	1533	1538	1539	rBV3	2705	3482	0.28%	0.042%
60	11.445	1559	1565	1571	rVB	33204	59616	4.71%	0.727%
61	11.536	1578	1580	1582	rBV3	1512	1795	0.14%	0.022%
62	11.634	1589	1596	1608	rVB	509036	883990	69.89%	10.775%
63	12.475	1727	1734	1743	rVV	38432	63328	5.01%	0.772%
64	12.615	1750	1757	1764	rVB	48677	82765	6.54%	1.009%
65	12.695	1764	1770	1779	rBV	174795	294550	23.29%	3.590%
66	12.762	1779	1781	1787	rVB4	909	1249	0.10%	0.015%
67	12.847	1792	1795	1797	rBV2	402	433	0.03%	0.005%
68	12.902	1801	1804	1805	rVB2	571	533	0.04%	0.006%
69	12.939	1805	1810	1817	rBV	7713	11558	0.91%	0.141%
70	13.036	1821	1826	1832	rVB2	10599	18137	1.43%	0.221%
71	13.085	1832	1834	1839	rVB4	923	1273	0.10%	0.016%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB3P6

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\SOM2WLM091318S.M
Title : VOC Analysis

72	13.128	1839	1841	1843	rBV3	347	329	0.03%	0.004%
73	13.201	1850	1853	1860	rBV5	928	1558	0.12%	0.019%
74	13.304	1865	1870	1875	rVB3	7726	12945	1.02%	0.158%
75	13.402	1881	1886	1887	rBV4	2416	2581	0.20%	0.031%
76	13.481	1893	1899	1900	rBV5	1651	2426	0.19%	0.030%
77	13.566	1906	1913	1920	rBV	459043	732204	57.89%	8.925%
78	13.768	1942	1946	1950	rBV6	2259	4234	0.33%	0.052%
79	13.859	1954	1961	1968	rBV	388530	635317	50.23%	7.744%
80	14.005	1983	1985	1986	rBV2	761	630	0.05%	0.008%
81	14.085	1986	1998	2004	rVV2	13172	25647	2.03%	0.313%
82	14.158	2008	2010	2013	rVV3	353	380	0.03%	0.005%
83	14.207	2015	2018	2022	rVB2	617	791	0.06%	0.010%
84	14.341	2032	2040	2044	rBV5	7547	14835	1.17%	0.181%
85	14.499	2064	2066	2068	rBV2	326	319	0.03%	0.004%
86	14.524	2068	2070	2075	rVV3	636	1039	0.08%	0.013%
87	14.627	2085	2087	2088	rBV	629	487	0.04%	0.006%
88	14.670	2092	2094	2096	rVV3	499	395	0.03%	0.005%
89	14.706	2098	2100	2102	rVV2	656	836	0.07%	0.010%
90	14.737	2102	2105	2111	rVB5	2353	3599	0.28%	0.044%
91	14.975	2140	2144	2145	rBV3	572	589	0.05%	0.007%
92	15.011	2148	2150	2152	rVB3	604	401	0.03%	0.005%
93	15.109	2164	2166	2169	rBV4	332	388	0.03%	0.005%
94	15.139	2169	2171	2174	rVB4	877	821	0.06%	0.010%
95	15.164	2174	2175	2176	rBV	736	372	0.03%	0.005%
96	15.188	2176	2179	2184	rVV6	949	1624	0.13%	0.020%
97	15.450	2216	2222	2226	rVV	4993	7559	0.60%	0.092%
98	15.511	2227	2232	2238	rVB	4580	8527	0.67%	0.104%
99	15.779	2274	2276	2279	rBV3	743	563	0.04%	0.007%
100	15.975	2305	2308	2309	rBV2	1114	1088	0.09%	0.013%

Sum of corrected areas: 8203761

LSC Report - Integrated Chromatogram

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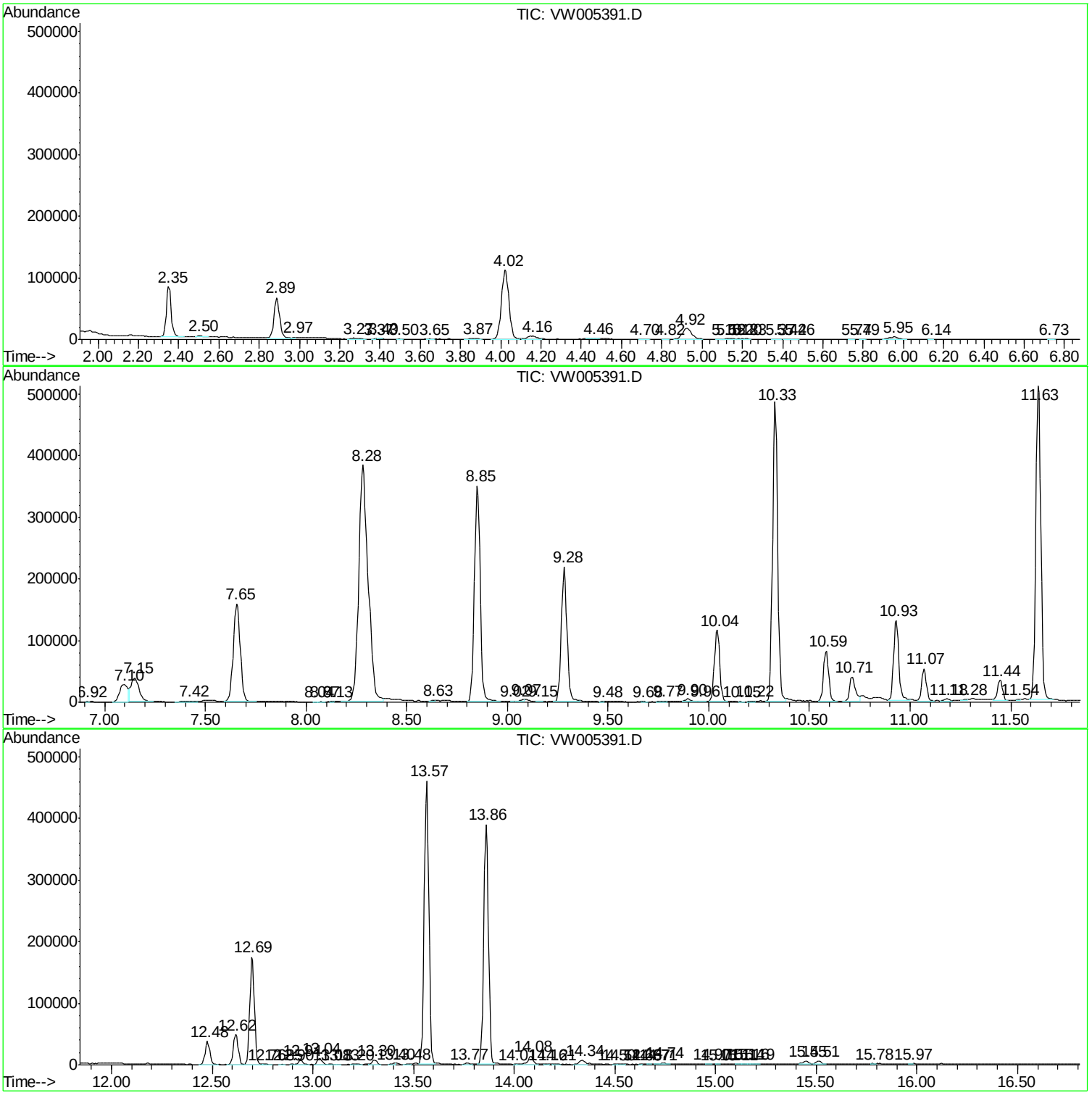
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB3P6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091518\
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Acq On : 14 Sep 2018 16:55
Operator : SY/AP
Sample : J4865-18
Misc : 5.52G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB3P6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
Quant Title : VOC Analysis

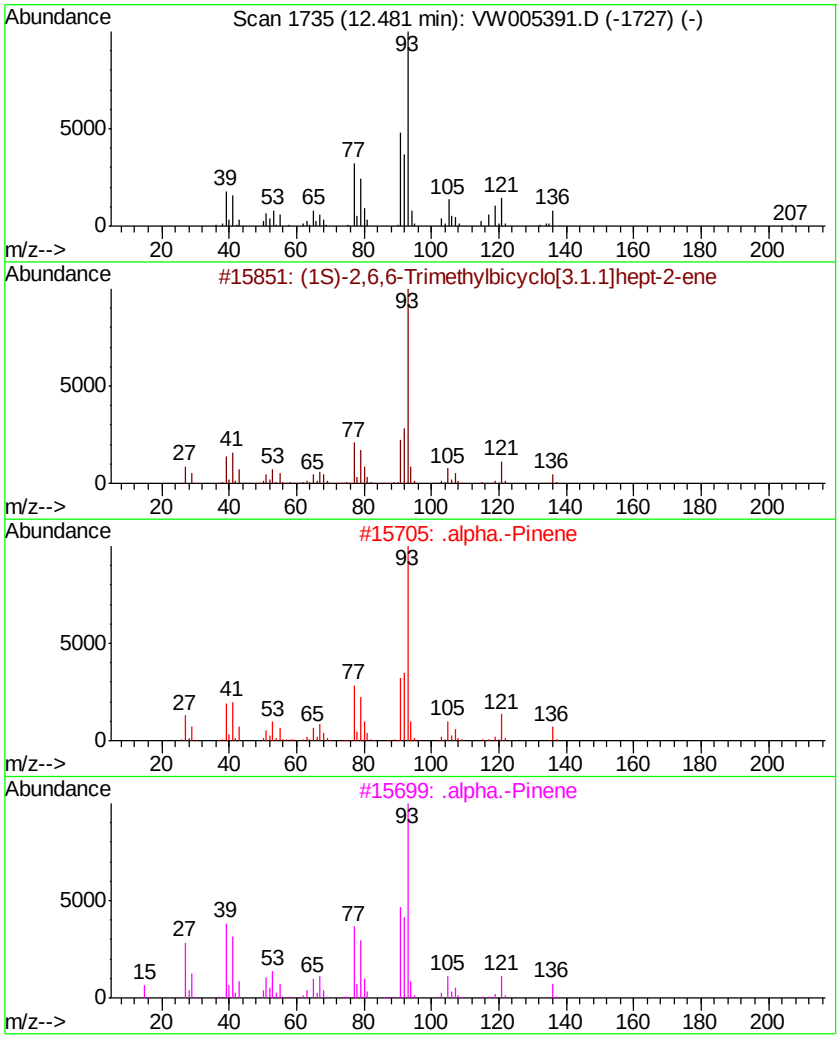
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

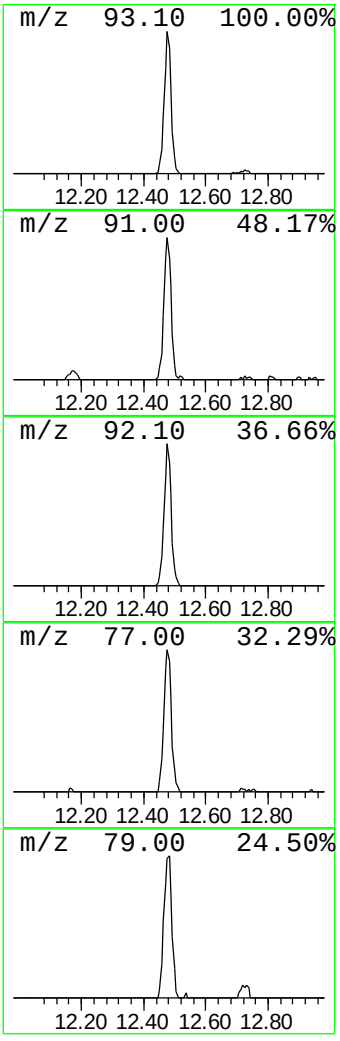
****

Peak Number 6 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	1.79 ug/L	63328	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	93
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	92
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(1S)-2,6,6-Trimet...	12.48	1.8	ug/L	63328	2	11.63	883990	25.0