

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016730.D
 Acq On : 01 Oct 2020 11:52
 Operator : SY/VA
 Sample : L4201-08
 Misc : 4.27G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AS4

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	2.160	38	42	45	rBV2	1577	2689	0.18%	0.030%
2	2.367	69	76	91	rVB	91526	184009	12.22%	2.027%
3	2.910	157	165	184	rVB	68423	194357	12.90%	2.141%
4	3.398	242	245	246	rBV3	761	899	0.06%	0.010%
5	3.513	259	264	266	rBV3	302	500	0.03%	0.006%
6	3.605	276	279	282	rBV2	422	633	0.04%	0.007%
7	3.684	291	292	296	rBV3	527	593	0.04%	0.007%
8	3.745	299	302	305	rBV5	376	604	0.04%	0.007%
9	4.032	338	349	375	rBV	169220	516581	34.30%	5.689%
10	4.221	375	380	389	rVB6	1013	2812	0.19%	0.031%
11	4.403	402	410	412	rBV2	1202	2261	0.15%	0.025%
12	4.934	486	497	507	rBV2	11841	38873	2.58%	0.428%
13	5.111	521	526	527	rBV2	717	847	0.06%	0.009%
14	5.141	527	531	533	rVV4	568	948	0.06%	0.010%
15	5.233	544	546	548	rVB	651	452	0.03%	0.005%
16	5.739	626	629	631	rBV2	439	455	0.03%	0.005%
17	5.958	654	665	674	rVB5	2567	8003	0.53%	0.088%
18	6.842	806	810	813	rVB3	330	573	0.04%	0.006%
19	6.885	813	817	819	rBV2	452	702	0.05%	0.008%
20	6.940	825	826	832	rVB3	463	528	0.04%	0.006%
21	7.092	841	851	854	rBV	33322	79605	5.29%	0.877%
22	7.147	856	860	873	rVB2	55866	150182	9.97%	1.654%
23	7.360	892	895	897	rVB3	486	513	0.03%	0.006%
24	7.391	897	900	901	rBV3	445	451	0.03%	0.005%
25	7.446	904	909	910	rVV4	666	793	0.05%	0.009%
26	7.525	918	922	923	rBV3	505	509	0.03%	0.006%
27	7.555	925	927	933	rVB6	596	575	0.04%	0.006%
28	7.653	933	943	958	rBV	274878	681741	45.27%	7.508%
29	7.964	988	994	998	rVB5	699	1753	0.12%	0.019%
30	8.281	1032	1046	1061	rBV2	510406	1506076	100.00%	16.587%
31	8.409	1065	1067	1069	rVB2	776	655	0.04%	0.007%
32	8.622	1099	1102	1104	rBV3	465	535	0.04%	0.006%
33	8.701	1111	1115	1119	rBV5	876	1161	0.08%	0.013%
34	8.738	1119	1121	1125	rVB	331	468	0.03%	0.005%

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 Title : VOC Analysis

35	8.848	1130	1139	1150	rBV	585162	1147675	76.20%	12.640%
36	8.957	1155	1157	1160	rVB4	512	479	0.03%	0.005%
37	9.079	1173	1177	1182	rBB5	1343	2271	0.15%	0.025%
38	9.281	1201	1210	1220	rBV	331037	672873	44.68%	7.411%
39	9.348	1220	1221	1225	rVB2	1227	1259	0.08%	0.014%
40	9.665	1267	1273	1280	rVB4	1657	3611	0.24%	0.040%
41	10.043	1323	1335	1345	rBV	156192	294213	19.54%	3.240%
42	10.140	1347	1351	1355	rVB4	1671	3028	0.20%	0.033%
43	10.213	1360	1363	1365	rBV3	648	849	0.06%	0.009%
44	10.329	1374	1382	1389	rBV	601367	1047446	69.55%	11.536%
45	10.585	1417	1424	1435	rBV	88057	160288	10.64%	1.765%
46	10.707	1438	1444	1451	rBV2	38617	68836	4.57%	0.758%
47	10.756	1451	1452	1458	rVB	584	536	0.04%	0.006%
48	10.866	1468	1470	1473	rVB2	712	623	0.04%	0.007%
49	10.927	1473	1480	1491	rBV	122087	218634	14.52%	2.408%
50	11.067	1497	1503	1517	rVV	27284	45811	3.04%	0.505%
51	11.183	1518	1522	1527	rVB5	1541	2627	0.17%	0.029%
52	11.317	1543	1544	1549	rBV3	381	474	0.03%	0.005%
53	11.414	1557	1560	1561	rBV2	812	893	0.06%	0.010%
54	11.445	1561	1565	1570	rVB	5554	8655	0.57%	0.095%
55	11.530	1575	1579	1581	rBV2	363	599	0.04%	0.007%
56	11.634	1588	1596	1608	rBV	530975	883987	58.69%	9.736%
57	11.805	1622	1624	1626	rBV3	629	457	0.03%	0.005%
58	11.841	1627	1630	1634	rVV4	1127	1729	0.11%	0.019%
59	11.884	1634	1637	1639	rVB3	677	781	0.05%	0.009%
60	12.115	1673	1675	1677	rBV	398	499	0.03%	0.005%
61	12.146	1678	1680	1681	rVV2	780	591	0.04%	0.007%
62	12.183	1682	1686	1691	rVV5	1171	2322	0.15%	0.026%
63	12.237	1693	1695	1697	rBV3	465	497	0.03%	0.005%
64	12.335	1708	1711	1713	rVV3	733	756	0.05%	0.008%
65	12.359	1713	1715	1719	rVB4	753	932	0.06%	0.010%
66	12.469	1730	1733	1737	rVB4	731	979	0.07%	0.011%
67	12.512	1737	1740	1743	rVB3	724	812	0.05%	0.009%
68	12.609	1747	1756	1763	rBV	38214	62174	4.13%	0.685%
69	12.695	1763	1770	1778	rBV	168662	272920	18.12%	3.006%
70	12.774	1779	1783	1789	rVB8	899	1807	0.12%	0.020%
71	12.865	1793	1798	1800	rBV4	692	1162	0.08%	0.013%

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72	12.938	1805	1810	1813	rBV5	3516	5385	0.36%	0.059%
73	13.042	1823	1827	1830	rVB4	630	970	0.06%	0.011%
74	13.085	1830	1834	1836	rBV2	1545	1898	0.13%	0.021%
75	13.121	1838	1840	1843	rVB4	1071	1213	0.08%	0.013%
76	13.170	1845	1848	1849	rBV2	792	727	0.05%	0.008%
77	13.256	1859	1862	1863	rBV3	744	866	0.06%	0.010%
78	13.298	1863	1869	1874	rVB3	5430	9447	0.63%	0.104%
79	13.377	1879	1882	1883	rVV2	801	885	0.06%	0.010%
80	13.408	1885	1887	1892	rVB5	1880	2639	0.18%	0.029%
81	13.560	1906	1912	1924	rVB	225327	365460	24.27%	4.025%
82	13.725	1932	1939	1941	rBV6	854	1616	0.11%	0.018%
83	13.755	1941	1944	1948	rBV5	1828	2740	0.18%	0.030%
84	13.798	1948	1951	1953	rVB3	1195	1300	0.09%	0.014%
85	13.853	1953	1960	1968	rBV	175201	303782	20.17%	3.346%
86	13.957	1974	1977	1983	rVB5	1333	2156	0.14%	0.024%
87	14.018	1985	1987	1990	rVV3	1247	1592	0.11%	0.018%
88	14.072	1990	1996	2006	rVB2	21055	36750	2.44%	0.405%
89	14.207	2011	2018	2023	rVB5	1702	3202	0.21%	0.035%
90	14.335	2032	2039	2041	rBV4	2359	4734	0.31%	0.052%
91	14.389	2045	2048	2050	rVV3	786	942	0.06%	0.010%
92	14.420	2050	2053	2060	rVB3	1303	2475	0.16%	0.027%
93	14.499	2063	2066	2069	rVV5	663	780	0.05%	0.009%
94	14.725	2099	2103	2111	rVB6	1947	3267	0.22%	0.036%
95	14.804	2111	2116	2122	rBV7	1163	2604	0.17%	0.029%
96	15.353	2203	2206	2208	rBV3	749	834	0.06%	0.009%
97	15.438	2216	2220	2226	rVB2	13413	21016	1.40%	0.231%
98	15.688	2258	2261	2264	rBV5	1381	1886	0.13%	0.021%
99	15.761	2271	2273	2277	rBV4	968	982	0.07%	0.011%
100	16.206	2344	2346	2350	rBV4	835	1157	0.08%	0.013%

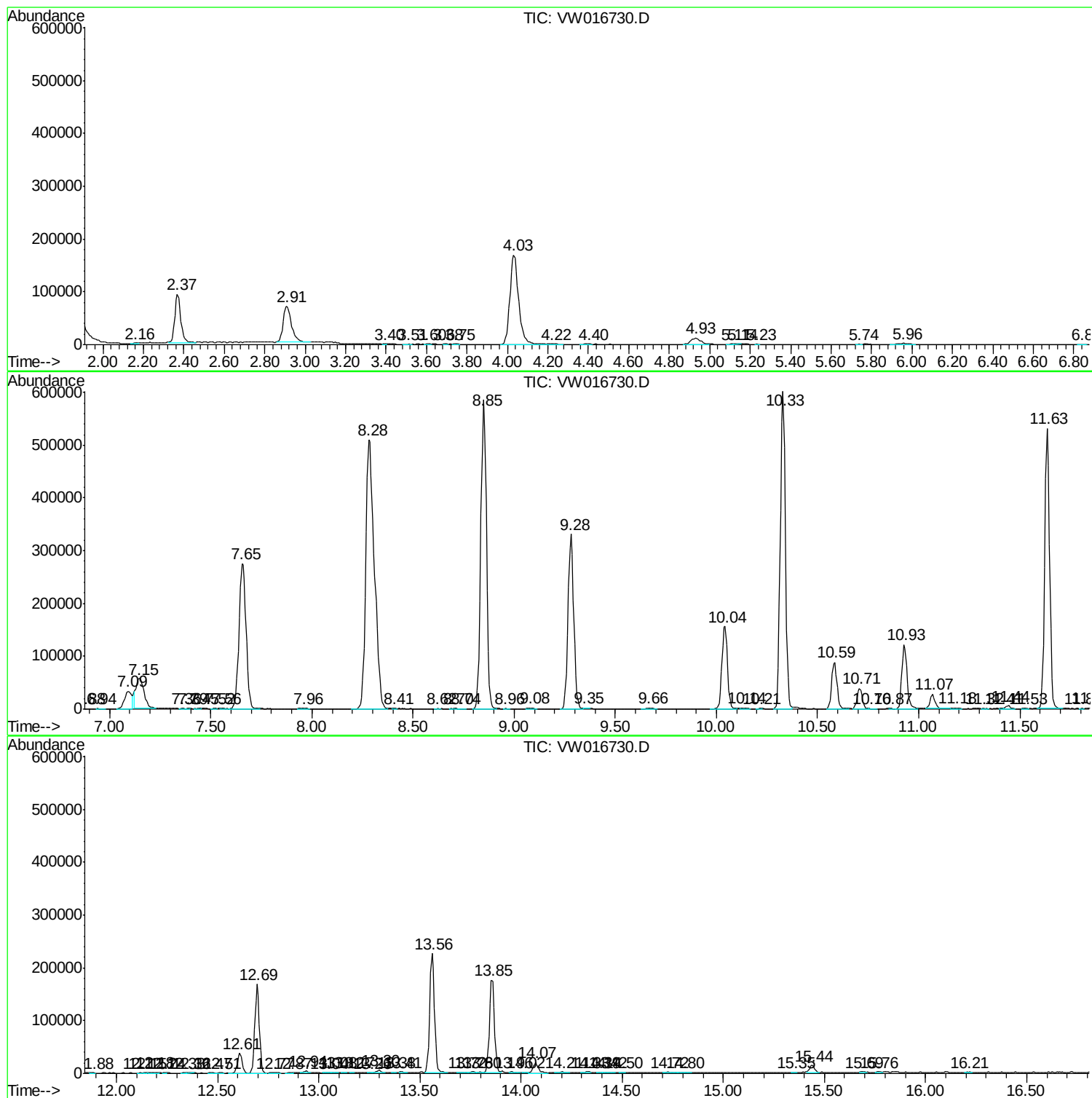
Sum of corrected areas: 9079726

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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



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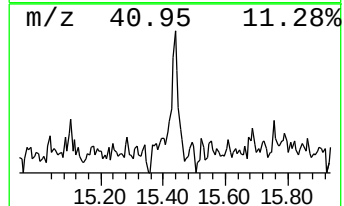
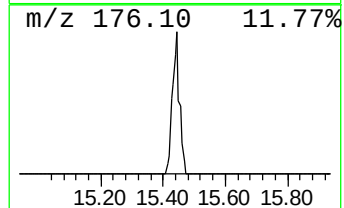
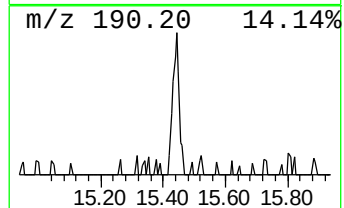
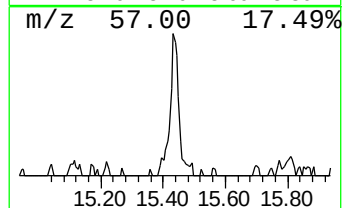
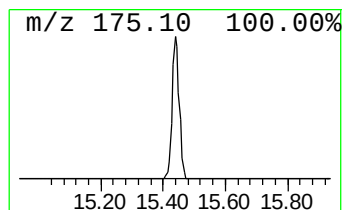
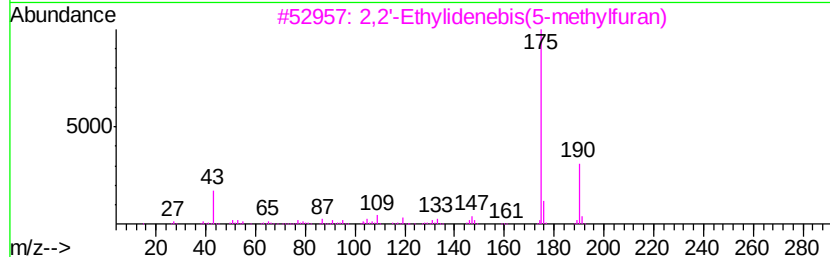
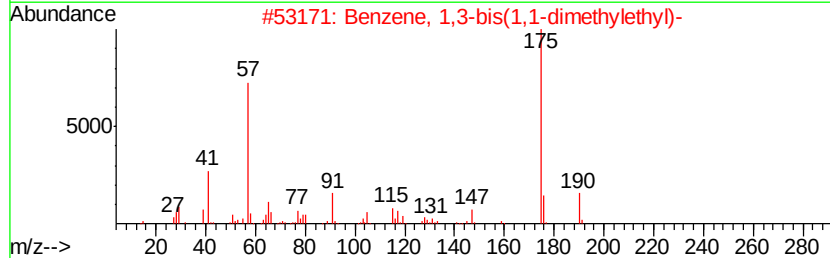
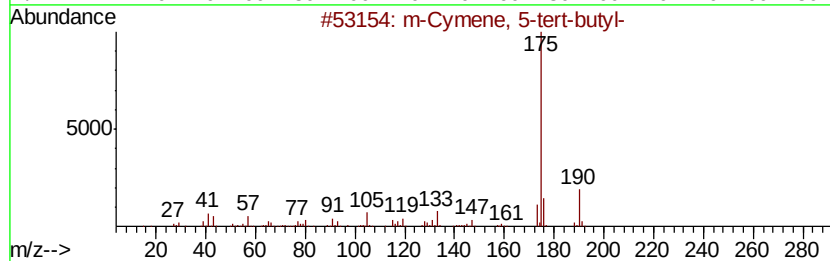
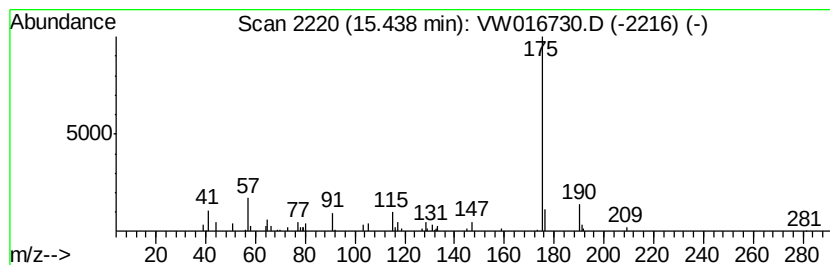
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 7 m-Cymene, 5-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.44 ug/L	21016	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	87	
2	Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	87	
3	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	80	
4	p-Pentylacetophenone	190	C13H18O	037593-02-5	80	
5	Benzenepropanal, 4-(1,1-dimethyl-)	190	C13H18O	018127-01-0	80	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
m-Cymene, 5-tert-...	15.44	1.4	ug/L	21016	3	13.56	365460	25.0