

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009502.D
 Acq On : 27 Mar 2019 14:51
 Operator : SY/VA
 Sample : K2068-01RE
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M0RE

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\SOM2WLM031419S.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	69	75	83	rBV	60576	129259	11.37%	1.651%
2	2.629	113	119	121	rBV2	11091	23734	2.09%	0.303%
3	2.891	157	162	175	rVB	60854	166366	14.63%	2.125%
4	3.751	302	303	307	rBV2	2033	2499	0.22%	0.032%
5	3.897	326	327	330	rVB2	3087	1882	0.17%	0.024%
6	4.013	336	346	358	rBV3	98604	332678	29.25%	4.250%
7	4.909	482	493	508	rBV	40484	160708	14.13%	2.053%
8	5.421	574	577	578	rBV	2180	2437	0.21%	0.031%
9	5.537	593	596	598	rBV2	2075	2127	0.19%	0.027%
10	5.659	613	616	619	rBV	2192	2815	0.25%	0.036%
11	5.708	621	624	628	rVB3	1499	2231	0.20%	0.029%
12	5.751	628	631	634	rBV2	2111	3220	0.28%	0.041%
13	5.927	653	660	661	rBV	13463	23463	2.06%	0.300%
14	6.061	680	682	686	rVB2	2132	2740	0.24%	0.035%
15	6.098	686	688	690	rBV2	1933	1957	0.17%	0.025%
16	6.208	703	706	707	rBV	1561	1854	0.16%	0.024%
17	6.305	719	722	726	rVV3	1499	2936	0.26%	0.038%
18	6.433	741	743	749	rVB4	1991	3723	0.33%	0.048%
19	6.488	749	752	754	rBV2	1620	2020	0.18%	0.026%
20	6.885	813	817	818	rBV	1987	2160	0.19%	0.028%
21	6.927	822	824	827	rVB2	2177	2082	0.18%	0.027%
22	7.000	832	836	838	rBV2	1634	2379	0.21%	0.030%
23	7.074	840	848	858	rBV	45580	127739	11.23%	1.632%
24	7.159	860	862	874	rVB4	7152	18223	1.60%	0.233%
25	7.397	900	901	906	rVB2	1831	2488	0.22%	0.032%
26	7.439	906	908	911	rBV	3032	2638	0.23%	0.034%
27	7.537	922	924	928	rVV4	1719	2104	0.19%	0.027%
28	7.640	931	941	955	rBV	232851	568201	49.96%	7.259%
29	7.878	977	980	982	rBV2	1682	1850	0.16%	0.024%
30	7.921	985	987	995	rVV8	3373	6841	0.60%	0.087%
31	7.982	995	997	999	rVV3	1614	1761	0.15%	0.022%
32	8.031	1003	1005	1011	rVV5	2089	3609	0.32%	0.046%
33	8.146	1018	1024	1032	rBV8	3975	10417	0.92%	0.133%
34	8.274	1035	1045	1059	rVV2	359634	1137253	100.00%	14.528%

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 Title : VOC Analysis

35	8.384	1061	1063	1066	rVB3	2190	2317	0.20%	0.030%
36	8.427	1066	1070	1071	rBV4	2215	3104	0.27%	0.040%
37	8.476	1071	1078	1089	rVV3	9412	28101	2.47%	0.359%
38	8.555	1089	1091	1094	rVV4	2827	3178	0.28%	0.041%
39	8.695	1107	1114	1123	rVB4	5747	18243	1.60%	0.233%
40	8.841	1126	1138	1146	rBV	430605	855724	75.24%	10.932%
41	8.921	1149	1151	1156	rVB3	1827	3137	0.28%	0.040%
42	9.274	1200	1209	1216	rBV	290774	597761	52.56%	7.636%
43	9.329	1216	1218	1223	rVB5	8970	10723	0.94%	0.137%
44	9.463	1237	1240	1243	rBV4	2431	2896	0.25%	0.037%
45	9.518	1246	1249	1251	rBV3	2281	2446	0.22%	0.031%
46	9.756	1281	1288	1295	rBV5	15970	34754	3.06%	0.444%
47	9.890	1304	1310	1317	rBV4	22296	53582	4.71%	0.685%
48	9.951	1317	1320	1321	rBV3	2331	2441	0.21%	0.031%
49	10.030	1327	1333	1341	rBV	136304	241093	21.20%	3.080%
50	10.219	1361	1364	1365	rVV3	2508	2708	0.24%	0.035%
51	10.244	1365	1368	1373	rVB3	8807	12739	1.12%	0.163%
52	10.323	1373	1381	1389	rBV	407940	693250	60.96%	8.856%
53	10.579	1416	1423	1431	rBV	90929	161265	14.18%	2.060%
54	10.853	1464	1468	1474	rVB6	7525	14923	1.31%	0.191%
55	10.926	1474	1480	1492	rBV	175017	307001	26.99%	3.922%
56	11.030	1495	1497	1500	rVV4	3030	3469	0.31%	0.044%
57	11.067	1500	1503	1507	rVB5	5236	7378	0.65%	0.094%
58	11.140	1514	1515	1517	rVB2	3501	2044	0.18%	0.026%
59	11.170	1517	1520	1524	rBV5	3598	6525	0.57%	0.083%
60	11.225	1527	1529	1533	rVB4	4393	5787	0.51%	0.074%
61	11.341	1546	1548	1550	rVB3	3099	2410	0.21%	0.031%
62	11.408	1553	1559	1560	rBV4	4970	7801	0.69%	0.100%
63	11.506	1573	1575	1578	rBV4	2841	3545	0.31%	0.045%
64	11.628	1587	1595	1603	rBV	440911	761518	66.96%	9.728%
65	11.841	1624	1630	1634	rBV3	8933	20161	1.77%	0.258%
66	12.225	1691	1693	1694	rBV	2822	1895	0.17%	0.024%
67	12.243	1694	1696	1700	rVB3	4549	4169	0.37%	0.053%
68	12.341	1706	1712	1717	rBV6	7393	14918	1.31%	0.191%
69	12.457	1728	1731	1732	rBV	2793	2810	0.25%	0.036%
70	12.603	1750	1755	1762	rVB4	9945	20288	1.78%	0.259%
71	12.694	1762	1770	1777	rBV	195899	334236	29.39%	4.270%

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 Title : VOC Analysis

72	12.853	1792	1796	1797	rBV	3683	3821	0.34%	0.049%
73	12.938	1806	1810	1815	rVB4	7918	14395	1.27%	0.184%
74	13.164	1845	1847	1849	rVB3	1797	1758	0.15%	0.022%
75	13.231	1856	1858	1859	rBV2	2883	2209	0.19%	0.028%
76	13.255	1859	1862	1866	rVV6	4670	7582	0.67%	0.097%
77	13.408	1883	1887	1891	rVB4	5524	10382	0.91%	0.133%
78	13.469	1893	1897	1901	rBV6	9937	16125	1.42%	0.206%
79	13.560	1906	1912	1923	rVV	219531	365809	32.17%	4.673%
80	13.719	1933	1938	1941	rBV6	4021	7884	0.69%	0.101%
81	13.755	1941	1944	1948	rVV5	5851	8328	0.73%	0.106%
82	13.853	1954	1960	1968	rBV	169260	287071	25.24%	3.667%
83	14.078	1993	1997	2006	rVB4	7702	18890	1.66%	0.241%
84	14.164	2010	2011	2016	rBV3	1594	2235	0.20%	0.029%
85	14.328	2034	2038	2043	rBV5	6130	10499	0.92%	0.134%
86	14.420	2051	2053	2057	rBV4	2691	3544	0.31%	0.045%
87	14.621	2083	2086	2087	rBV2	2471	1985	0.17%	0.025%
88	14.810	2112	2117	2120	rBV3	2866	5403	0.48%	0.069%
89	15.176	2175	2177	2181	rVB4	2605	3468	0.30%	0.044%
90	15.231	2184	2186	2187	rBV2	2140	1834	0.16%	0.023%
91	15.444	2214	2221	2225	rVB6	6687	17749	1.56%	0.227%
92	15.615	2247	2249	2251	rVB	2811	2224	0.20%	0.028%
93	15.706	2263	2264	2266	rBV2	2069	1801	0.16%	0.023%
94	15.810	2276	2281	2284	rVV5	4132	6452	0.57%	0.082%
95	16.224	2347	2349	2351	rBV	2194	2425	0.21%	0.031%
96	16.322	2360	2365	2367	rBV	2899	4634	0.41%	0.059%
97	16.486	2390	2392	2395	rBV2	1694	2119	0.19%	0.027%
98	16.523	2395	2398	2400	rBV	3130	3388	0.30%	0.043%
99	16.547	2400	2402	2405	rVV3	1757	1861	0.16%	0.024%
100	16.651	2416	2419	2422	rBV3	2562	3201	0.28%	0.041%

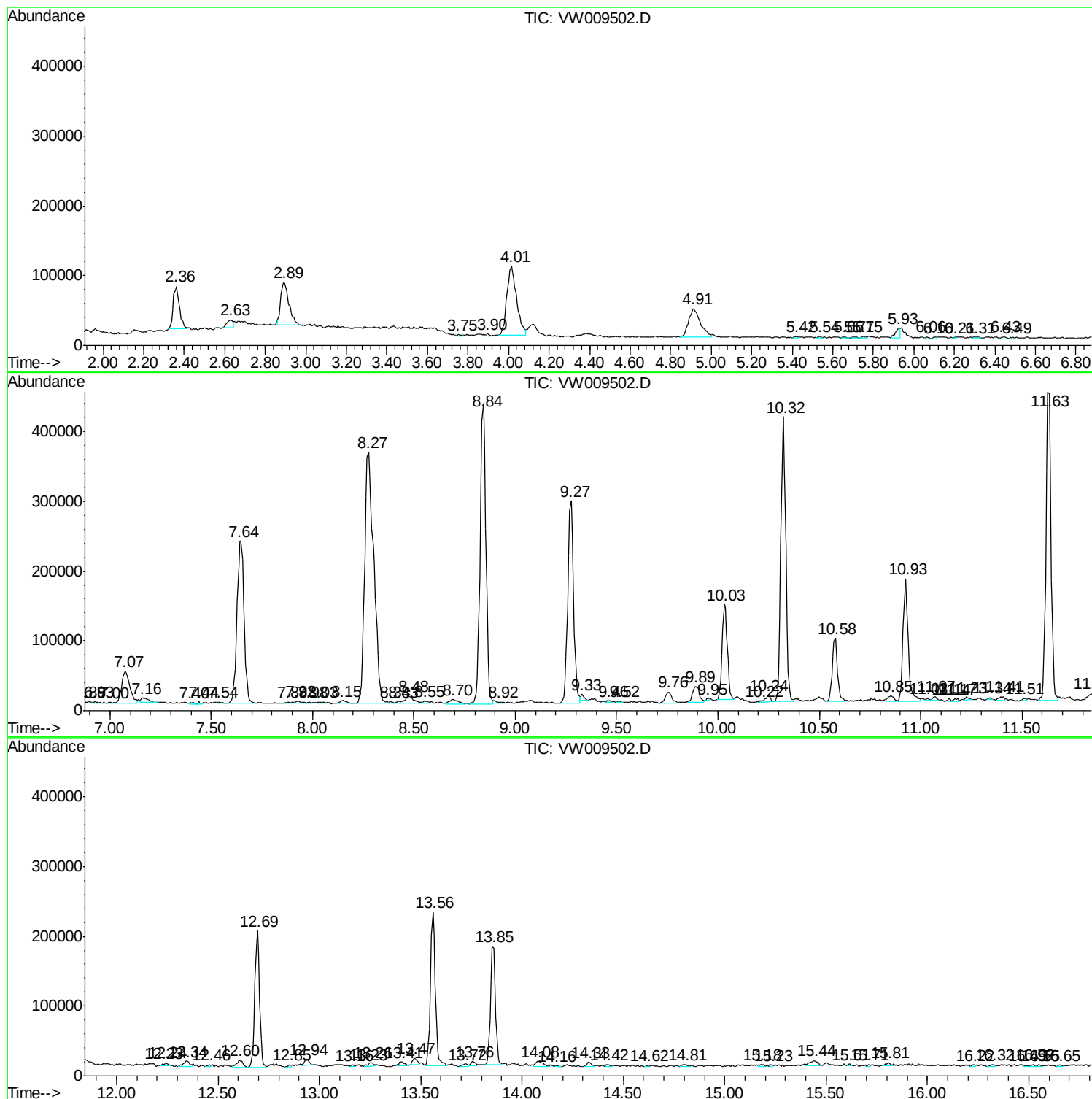
Sum of corrected areas: 7827810

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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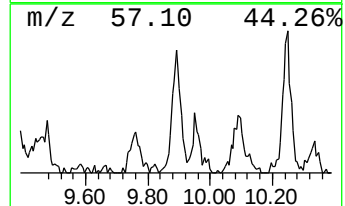
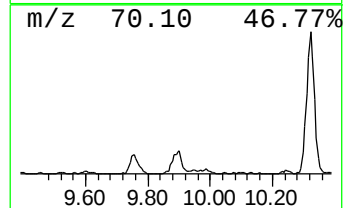
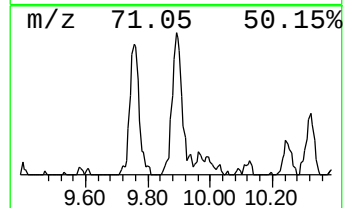
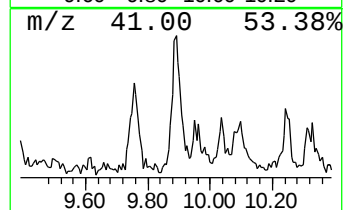
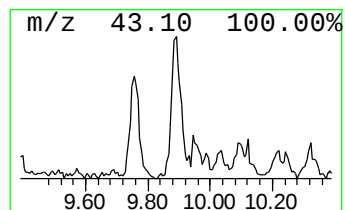
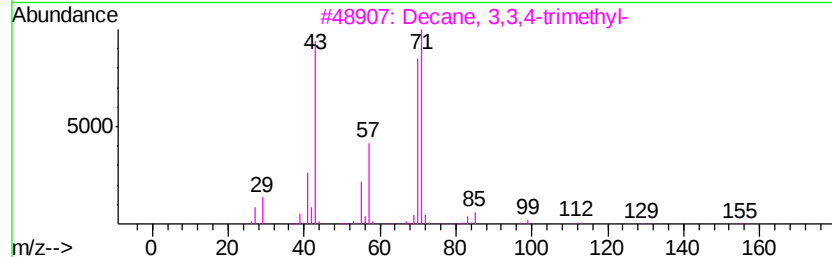
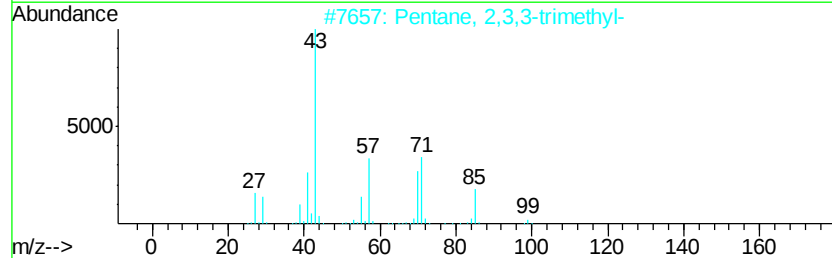
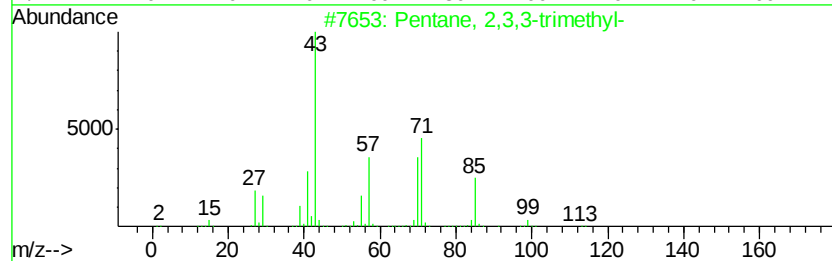
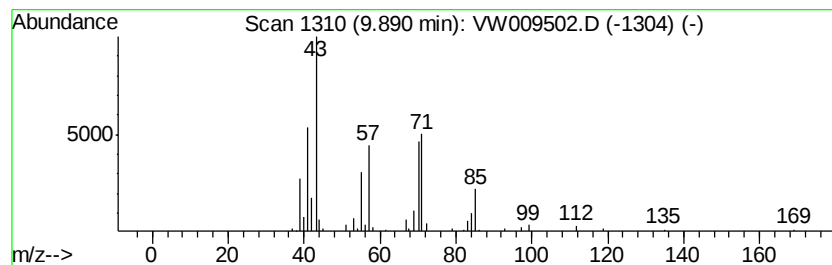
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.57 ug/L	53582	1,4-Difluorobenzene	8.84

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
3		Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	53
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5		Undecane, 4-methyl-	170	C12H26	002980-69-0	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.89	1.6	ug/L	53582	1	8.84	855724	25.0