

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
 Data File : VW014342.D
 Acq On : 13 Dec 2019 11:22
 Operator : SY/VA
 Sample : VW1213SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK10

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\SOM2WLM120519S.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	1.965	5	10	17	rVB2	10594	19391	0.55%	0.084%
2	2.154	37	41	47	rBV	11803	24749	0.70%	0.108%
3	2.349	65	73	82	rBV	274472	503870	14.22%	2.192%
4	2.885	153	161	172	rBV	171686	404993	11.43%	1.762%
5	3.385	236	243	254	rVB2	16674	40013	1.13%	0.174%
6	3.532	262	267	273	rBV5	2199	5717	0.16%	0.025%
7	4.013	333	346	360	rBV	376184	1157171	32.67%	5.034%
8	4.214	376	379	383	rVB3	896	1210	0.03%	0.005%
9	4.391	399	408	421	rVV2	11370	34037	0.96%	0.148%
10	4.739	463	465	470	rVV4	1040	2108	0.06%	0.009%
11	4.903	481	492	511	rVV4	20021	83633	2.36%	0.364%
12	5.105	523	525	526	rVV2	1205	1068	0.03%	0.005%
13	5.147	530	532	534	rVV3	2406	2800	0.08%	0.012%
14	5.172	534	536	543	rVB5	2348	3511	0.10%	0.015%
15	5.403	572	574	575	rBV	1794	1265	0.04%	0.006%
16	5.751	620	631	642	rVV6	9396	32149	0.91%	0.140%
17	5.830	642	644	646	rVV2	1303	1027	0.03%	0.004%
18	5.934	651	661	673	rBV7	8117	23923	0.68%	0.104%
19	6.269	713	716	718	rBV3	879	1027	0.03%	0.004%
20	6.367	730	732	735	rBV2	875	959	0.03%	0.004%
21	6.726	788	791	794	rVB3	924	1261	0.04%	0.005%
22	7.074	839	848	852	rBV	84337	225979	6.38%	0.983%
23	7.135	853	858	874	rVB	147180	394238	11.13%	1.715%
24	7.409	901	903	906	rBV3	1057	968	0.03%	0.004%
25	7.519	915	921	922	rBV4	2095	2601	0.07%	0.011%
26	7.647	931	942	953	rBV	473831	1162901	32.83%	5.059%
27	7.866	975	978	980	rBV4	1195	1412	0.04%	0.006%
28	7.952	986	992	999	rVB7	4327	10173	0.29%	0.044%
29	8.031	1001	1005	1006	rBV4	1233	1592	0.04%	0.007%
30	8.067	1009	1011	1013	rVB3	1337	1191	0.03%	0.005%
31	8.092	1013	1015	1018	rVB3	978	973	0.03%	0.004%
32	8.141	1018	1023	1025	rBV4	2193	3673	0.10%	0.016%
33	8.269	1031	1044	1060	rBV3	1156211	3542338	100.00%	15.410%
34	8.458	1074	1075	1077	rBV2	1143	1095	0.03%	0.005%

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 Title : VOC Analysis

35	8.634	1100	1104	1107	rVB4	1288	1524	0.04%	0.007%
36	8.695	1107	1114	1118	rBV6	2851	6687	0.19%	0.029%
37	8.842	1128	1138	1147	rVV	997851	1988739	56.14%	8.652%
38	8.957	1155	1157	1161	rVB4	1193	1315	0.04%	0.006%
39	9.031	1166	1169	1173	rBV4	2508	5461	0.15%	0.024%
40	9.073	1174	1176	1185	rVB8	4872	9248	0.26%	0.040%
41	9.268	1200	1208	1222	rBV	617404	1297785	36.64%	5.646%
42	9.470	1236	1241	1245	rVB3	3599	6017	0.17%	0.026%
43	9.585	1254	1260	1261	rBV3	1313	2018	0.06%	0.009%
44	9.634	1266	1268	1271	rBV3	2288	3050	0.09%	0.013%
45	9.659	1271	1272	1277	rVB5	3771	3340	0.09%	0.015%
46	9.756	1279	1288	1295	rBV2	30239	61675	1.74%	0.268%
47	9.890	1301	1310	1317	rBV	81349	173240	4.89%	0.754%
48	9.951	1318	1320	1321	rBV2	3476	2540	0.07%	0.011%
49	10.030	1327	1333	1350	rVB	315031	580194	16.38%	2.524%
50	10.146	1350	1352	1354	rVB3	1286	970	0.03%	0.004%
51	10.213	1356	1363	1364	rBV2	13317	22420	0.63%	0.098%
52	10.244	1364	1368	1373	rVB	40522	70702	2.00%	0.308%
53	10.323	1373	1381	1388	rBV	1367613	2421247	68.35%	10.533%
54	10.500	1405	1410	1414	rBV5	2794	4056	0.11%	0.018%
55	10.573	1415	1422	1436	rVV	189507	344392	9.72%	1.498%
56	10.701	1436	1443	1450	rVV	162278	296299	8.36%	1.289%
57	10.768	1450	1454	1462	rVB6	10697	20817	0.59%	0.091%
58	10.847	1462	1467	1473	rVB7	10560	19255	0.54%	0.084%
59	10.921	1473	1479	1494	rBV	300133	531450	15.00%	2.312%
60	11.061	1496	1502	1509	rVB	63350	105488	2.98%	0.459%
61	11.171	1516	1520	1527	rVB3	22636	37890	1.07%	0.165%
62	11.231	1527	1530	1533	rVB4	1015	1313	0.04%	0.006%
63	11.268	1533	1536	1541	rVB6	1351	2098	0.06%	0.009%
64	11.335	1544	1547	1552	rVB6	3664	4979	0.14%	0.022%
65	11.439	1553	1564	1571	rVB2	168188	299545	8.46%	1.303%
66	11.512	1574	1576	1577	rBV2	1670	1383	0.04%	0.006%
67	11.628	1586	1595	1609	rBV	1290076	2176655	61.45%	9.469%
68	11.835	1624	1629	1633	rBV6	6942	14409	0.41%	0.063%
69	11.872	1633	1635	1641	rVB3	6127	9262	0.26%	0.040%
70	12.176	1679	1685	1693	rVV7	10188	21591	0.61%	0.094%
71	12.256	1696	1698	1700	rVB2	1911	1576	0.04%	0.007%

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72	12.335	1710	1711	1713	rBV2	1454	1433	0.04%	0.006%
73	12.463	1727	1732	1738	rBV6	9032	16273	0.46%	0.071%
74	12.609	1748	1756	1762	rBV	198374	347022	9.80%	1.510%
75	12.689	1762	1769	1777	rVV	428209	719675	20.32%	3.131%
76	12.762	1778	1781	1789	rVB6	6621	12268	0.35%	0.053%
77	12.853	1791	1796	1798	rBV4	2098	3206	0.09%	0.014%
78	12.932	1804	1809	1817	rBV2	24951	41058	1.16%	0.179%
79	13.036	1822	1826	1830	rVV5	7340	11246	0.32%	0.049%
80	13.079	1830	1833	1836	rVB3	6834	8900	0.25%	0.039%
81	13.158	1843	1846	1848	rBV3	2419	2786	0.08%	0.012%
82	13.188	1848	1851	1855	rVV3	7113	10732	0.30%	0.047%
83	13.298	1863	1869	1875	rVB2	28142	47817	1.35%	0.208%
84	13.408	1880	1887	1891	rBV2	14588	23039	0.65%	0.100%
85	13.505	1900	1903	1905	rBV2	6081	8134	0.23%	0.035%
86	13.554	1905	1911	1924	rVB	1023331	1697739	47.93%	7.386%
87	13.762	1940	1945	1947	rBV3	15891	24328	0.69%	0.106%
88	13.853	1953	1960	1966	rBV	935279	1546410	43.66%	6.727%
89	14.072	1991	1996	2004	rVB	63830	109618	3.09%	0.477%
90	14.188	2011	2015	2022	rVB8	10148	21870	0.62%	0.095%
91	14.560	2074	2076	2079	rBV3	1683	2055	0.06%	0.009%
92	14.731	2100	2104	2108	rVB6	3523	5907	0.17%	0.026%
93	14.963	2141	2142	2146	rVB4	1519	1279	0.04%	0.006%
94	15.231	2183	2186	2189	rBV4	2068	3597	0.10%	0.016%
95	15.438	2214	2220	2225	rVB	40045	65902	1.86%	0.287%
96	15.554	2236	2239	2243	rVB5	2930	3723	0.11%	0.016%
97	16.127	2332	2333	2336	rBV3	2024	1342	0.04%	0.006%
98	16.474	2388	2390	2392	rBV2	1762	1563	0.04%	0.007%
99	16.657	2418	2420	2422	rBV3	1519	1095	0.03%	0.005%
100	16.779	2438	2440	2441	rBV2	1544	1194	0.03%	0.005%

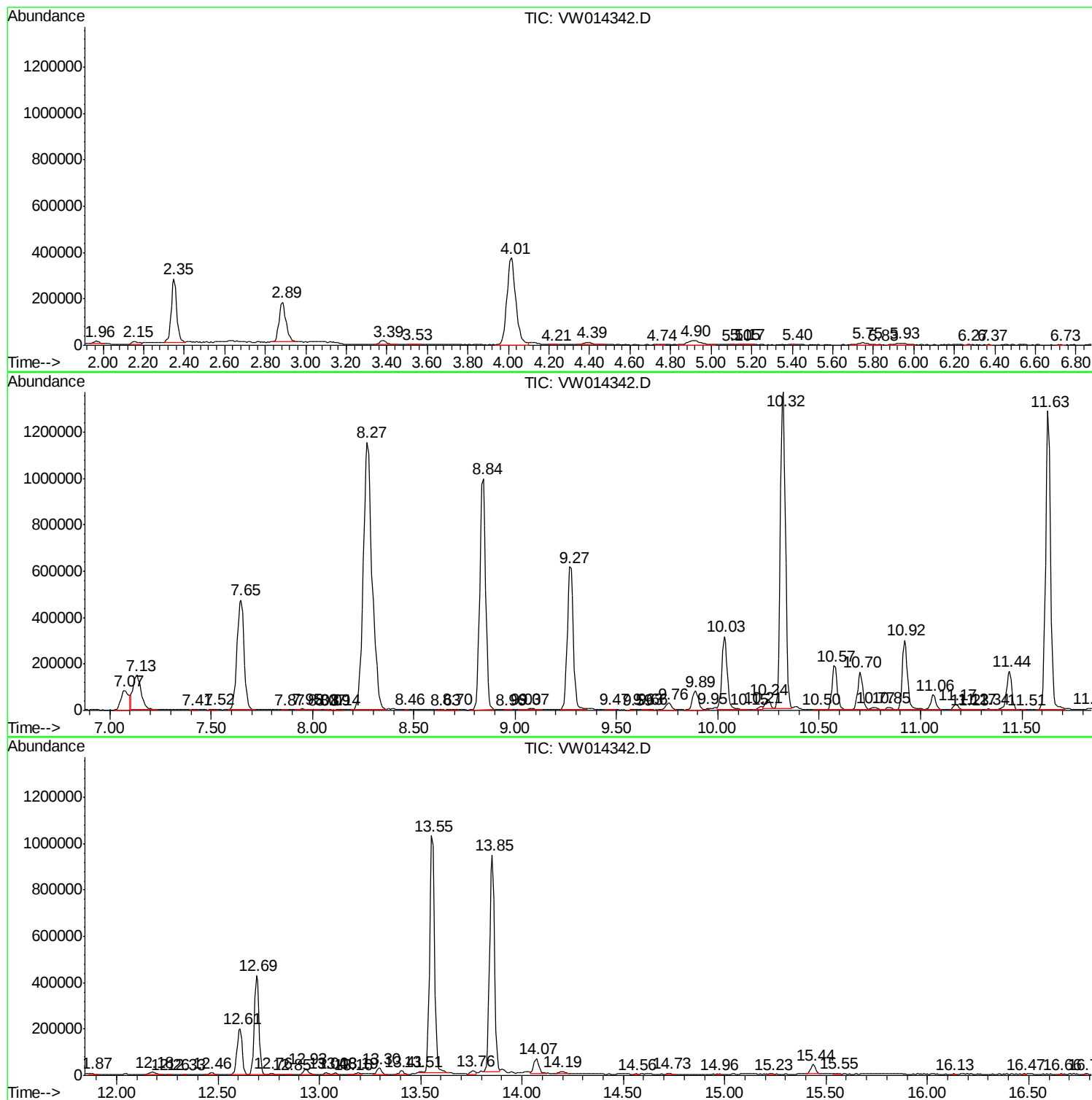
Sum of corrected areas: 22986857

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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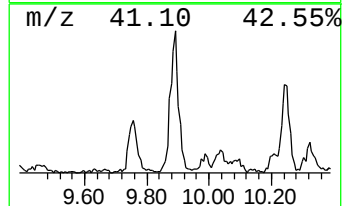
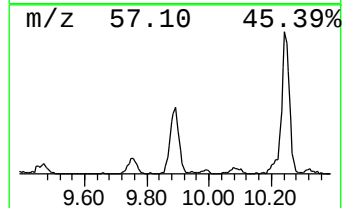
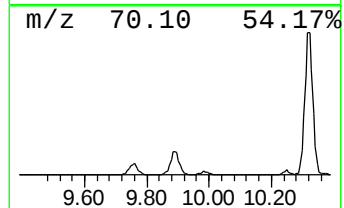
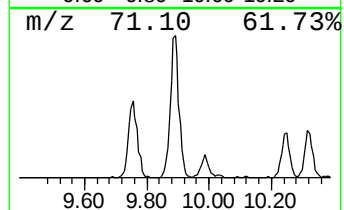
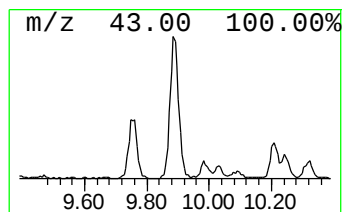
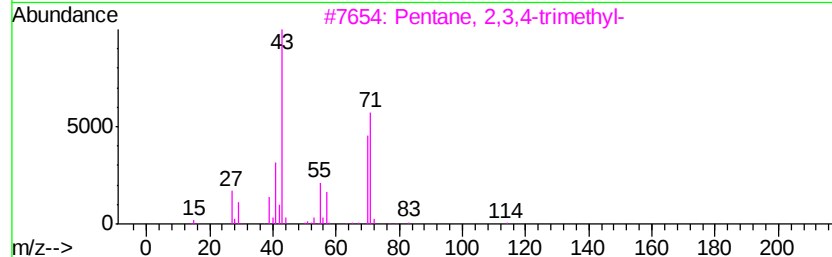
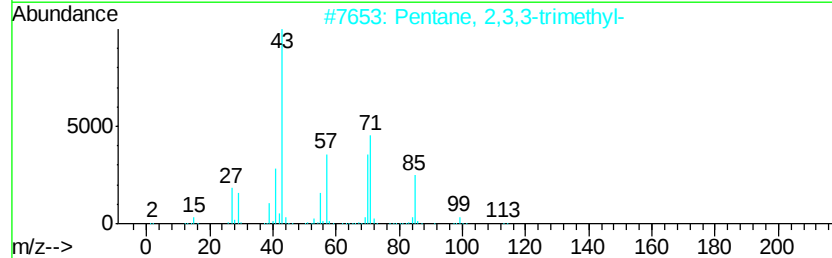
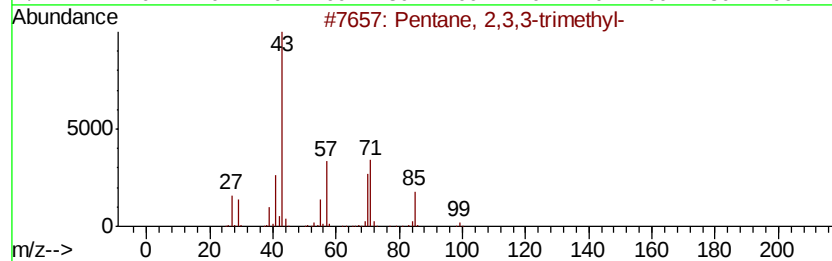
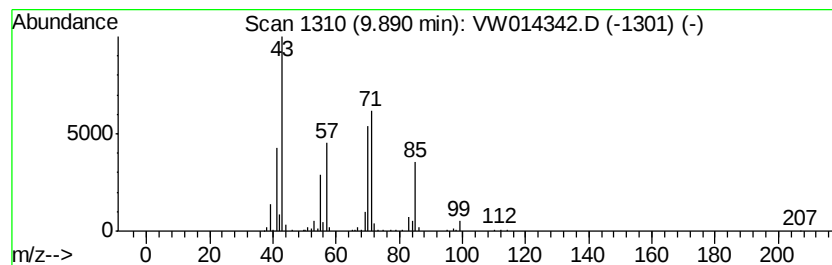
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.18 ug/L	173240	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	74
2		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.89	2.2	ug/L	173240	1	8.84	1988740	25.0