

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031220\
 Data File : VW015116.D
 Acq On : 12 Mar 2020 11:27
 Operator : SY/VA
 Sample : VW0312SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK13

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\SOM2WLM022420S.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	2.355	68	74	85	rVB	246045	438864	14.17%	2.067%
2	2.891	155	162	178	rVB	169419	421790	13.61%	1.986%
3	3.373	237	241	242	rBV3	3741	4375	0.14%	0.021%
4	3.538	261	268	276	rBV6	4229	11470	0.37%	0.054%
5	3.690	290	293	295	rVB4	1435	1546	0.05%	0.007%
6	4.013	335	346	364	rBV	358447	1083805	34.98%	5.104%
7	4.385	398	407	419	rBV2	16954	54082	1.75%	0.255%
8	4.562	434	436	438	rBV3	1260	1409	0.05%	0.007%
9	4.830	477	480	482	rVB3	1537	1585	0.05%	0.007%
10	4.915	482	494	508	rBV2	17726	70496	2.28%	0.332%
11	5.098	522	524	525	rBV2	1451	1199	0.04%	0.006%
12	5.373	565	569	571	rBV4	714	1181	0.04%	0.006%
13	5.659	613	616	619	rBV3	1080	1684	0.05%	0.008%
14	5.751	625	631	636	rBV8	2789	6269	0.20%	0.030%
15	5.830	641	644	648	rBV5	693	1081	0.03%	0.005%
16	5.940	653	662	671	rVB9	5040	16135	0.52%	0.076%
17	6.147	692	696	697	rBV3	1392	1413	0.05%	0.007%
18	6.415	738	740	747	rVB7	1348	2572	0.08%	0.012%
19	6.671	779	782	786	rVB3	824	1384	0.04%	0.007%
20	7.074	839	848	853	rBV2	77288	215097	6.94%	1.013%
21	7.263	875	879	881	rBV3	2275	3426	0.11%	0.016%
22	7.647	931	942	955	rBV	507367	1268602	40.95%	5.974%
23	7.817	966	970	971	rBV3	1009	1419	0.05%	0.007%
24	7.939	981	990	999	rVB3	4118	11304	0.36%	0.053%
25	8.018	1001	1003	1005	rBV3	1334	1577	0.05%	0.007%
26	8.061	1008	1010	1016	rVB6	1516	2335	0.08%	0.011%
27	8.147	1019	1024	1032	rVB10	2144	5972	0.19%	0.028%
28	8.275	1032	1045	1060	rBV2	1058271	3098119	100.00%	14.589%
29	8.677	1110	1111	1119	rVB6	2227	3927	0.13%	0.018%
30	8.842	1128	1138	1152	rBV	965964	1868996	60.33%	8.801%
31	8.976	1158	1160	1165	rVB4	1127	1358	0.04%	0.006%
32	9.018	1165	1167	1170	rVV4	1241	1389	0.04%	0.007%
33	9.073	1170	1176	1184	rVB4	3736	9569	0.31%	0.045%
34	9.274	1199	1209	1224	rBV	733651	1515585	48.92%	7.137%

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 Title : VOC Analysis

35	9.463	1235	1240	1248	rVB5	2939	6963	0.22%	0.033%
36	9.591	1259	1261	1265	rVB4	1726	1804	0.06%	0.008%
37	9.665	1265	1273	1280	rVB8	2851	8138	0.26%	0.038%
38	9.762	1280	1289	1294	rBV2	29268	59603	1.92%	0.281%
39	9.890	1301	1310	1318	rBV2	70282	151077	4.88%	0.711%
40	10.030	1320	1333	1342	rBV	344965	647110	20.89%	3.047%
41	10.207	1358	1362	1365	rBV	16172	29116	0.94%	0.137%
42	10.250	1365	1369	1374	rVB	32503	54888	1.77%	0.258%
43	10.323	1374	1381	1389	rBV	1377993	2374027	76.63%	11.179%
44	10.494	1406	1409	1411	rBV4	2114	3059	0.10%	0.014%
45	10.579	1416	1423	1432	rVV	226045	394623	12.74%	1.858%
46	10.701	1437	1443	1450	rVV	64151	113252	3.66%	0.533%
47	10.774	1450	1455	1461	rVB2	8149	14982	0.48%	0.071%
48	10.847	1463	1467	1472	rBV6	6025	11588	0.37%	0.055%
49	10.920	1472	1479	1494	rBV	285399	509660	16.45%	2.400%
50	11.061	1497	1502	1510	rVB	37419	62591	2.02%	0.295%
51	11.176	1516	1521	1525	rVB3	9637	16185	0.52%	0.076%
52	11.286	1536	1539	1540	rBV3	1697	1171	0.04%	0.006%
53	11.341	1545	1548	1551	rVB5	2649	3563	0.12%	0.017%
54	11.372	1551	1553	1555	rBV3	1381	1220	0.04%	0.006%
55	11.402	1555	1558	1560	rBV4	3937	5076	0.16%	0.024%
56	11.433	1560	1563	1569	rVB3	9861	15649	0.51%	0.074%
57	11.628	1585	1595	1609	rBV	1305935	2238665	72.26%	10.542%
58	11.841	1625	1630	1632	rBV4	2198	4125	0.13%	0.019%
59	12.067	1665	1667	1672	rVB5	1603	1455	0.05%	0.007%
60	12.121	1675	1676	1679	rVV3	1268	1453	0.05%	0.007%
61	12.170	1680	1684	1691	rVB10	3833	8530	0.28%	0.040%
62	12.280	1701	1702	1710	rVB5	1374	1958	0.06%	0.009%
63	12.408	1719	1723	1724	rBV4	996	1169	0.04%	0.006%
64	12.463	1729	1732	1740	rVB5	5164	8884	0.29%	0.042%
65	12.603	1749	1755	1762	rVV	60301	104646	3.38%	0.493%
66	12.688	1762	1769	1776	rVV	427868	716276	23.12%	3.373%
67	12.755	1776	1780	1788	rVV3	9324	19024	0.61%	0.090%
68	12.847	1792	1795	1798	rBV5	1053	1307	0.04%	0.006%
69	12.877	1798	1800	1803	rVB3	1174	1141	0.04%	0.005%
70	12.932	1803	1809	1811	rBV3	12634	21290	0.69%	0.100%
71	12.969	1811	1815	1820	rVV	18372	30091	0.97%	0.142%

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72	13.030	1820	1825	1829	rVV8	3238	6630	0.21%	0.031%
73	13.085	1830	1834	1837	rVB6	2282	2952	0.10%	0.014%
74	13.164	1845	1847	1848	rBV2	1400	1244	0.04%	0.006%
75	13.188	1848	1851	1856	rVV5	2699	4317	0.14%	0.020%
76	13.298	1864	1869	1877	rVB5	4053	9983	0.32%	0.047%
77	13.377	1877	1882	1883	rBV4	2977	3783	0.12%	0.018%
78	13.408	1883	1887	1892	rVB4	5848	8802	0.28%	0.041%
79	13.493	1895	1901	1904	rBV8	5680	12171	0.39%	0.057%
80	13.554	1905	1911	1919	rBV	1046334	1672108	53.97%	7.874%
81	13.755	1938	1944	1948	rBV7	6460	11629	0.38%	0.055%
82	13.853	1953	1960	1967	rVV	965545	1566241	50.55%	7.375%
83	14.024	1983	1988	1989	rBV5	1735	2393	0.08%	0.011%
84	14.066	1990	1995	2002	rVB2	43581	69477	2.24%	0.327%
85	14.188	2011	2015	2017	rBV5	1790	2401	0.08%	0.011%
86	14.213	2017	2019	2021	rVB3	1733	1117	0.04%	0.005%
87	14.328	2034	2038	2041	rBV5	4366	6281	0.20%	0.030%
88	14.456	2056	2059	2061	rBV4	1681	1796	0.06%	0.008%
89	14.627	2082	2087	2093	rVB7	6050	9314	0.30%	0.044%
90	14.779	2108	2112	2115	rBV4	1778	2670	0.09%	0.013%
91	14.926	2131	2136	2137	rBV5	1487	2322	0.07%	0.011%
92	14.968	2142	2143	2146	rVB3	1647	1087	0.04%	0.005%
93	15.365	2205	2208	2209	rBV3	1076	1215	0.04%	0.006%
94	15.432	2214	2219	2224	rVV2	25243	41751	1.35%	0.197%
95	15.487	2226	2228	2233	rVV2	4365	6972	0.23%	0.033%
96	15.548	2236	2238	2243	rVB5	3463	5066	0.16%	0.024%
97	15.694	2260	2262	2265	rVB4	1560	1415	0.05%	0.007%
98	16.145	2333	2336	2338	rBV4	1314	1532	0.05%	0.007%
99	16.218	2345	2348	2351	rBV4	1164	1748	0.06%	0.008%
100	16.657	2416	2420	2421	rBV3	1356	1096	0.04%	0.005%

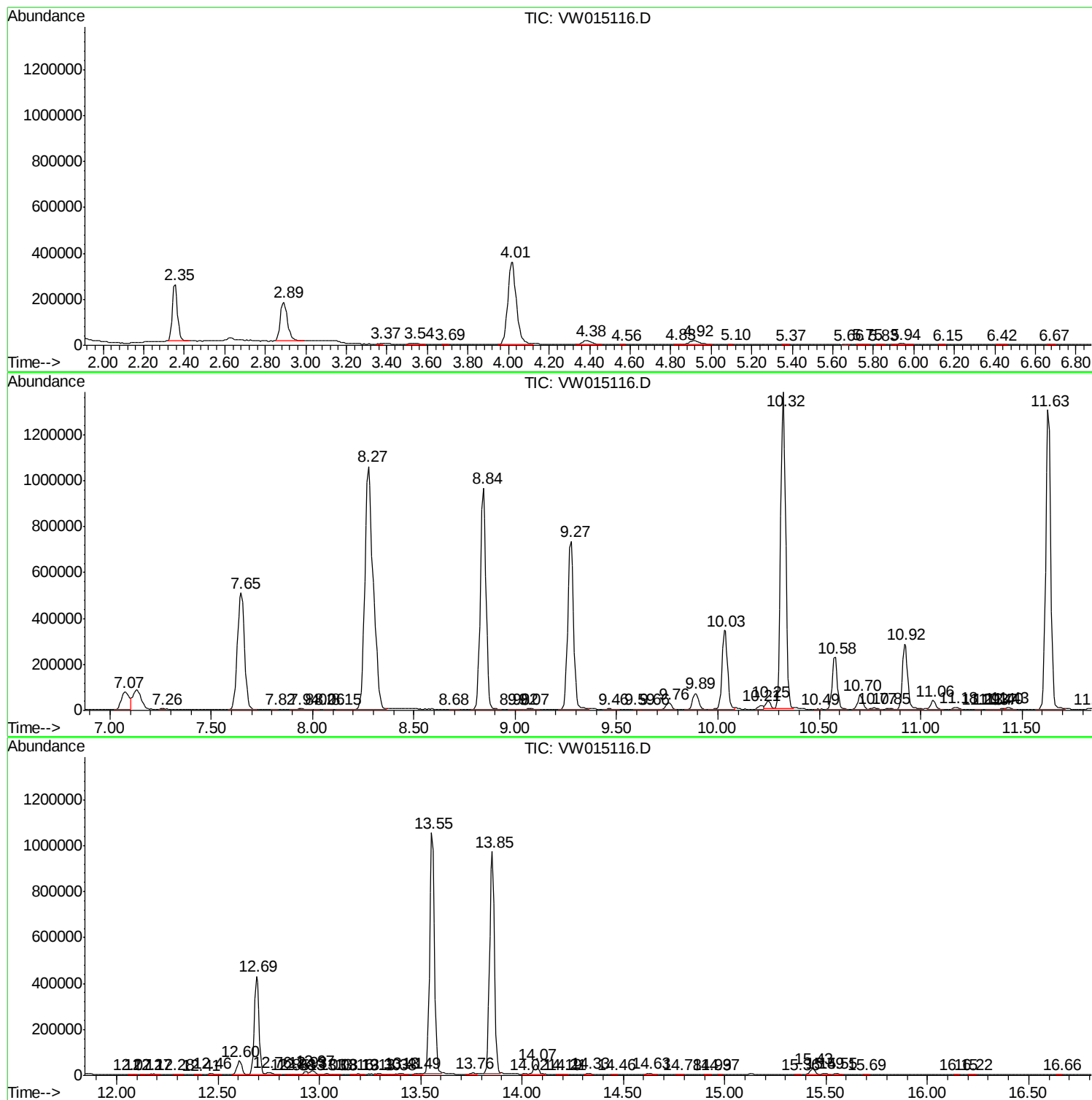
Sum of corrected areas: 21235887

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis

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



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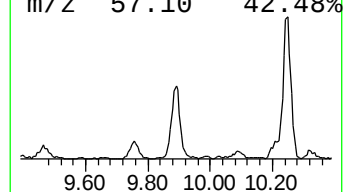
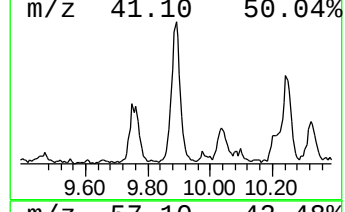
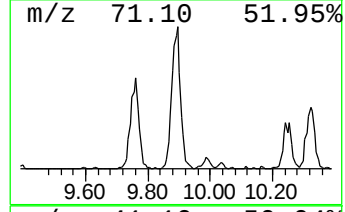
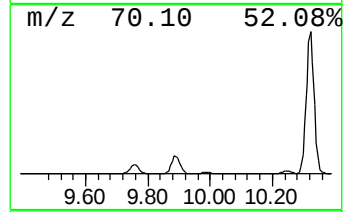
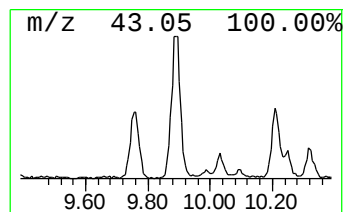
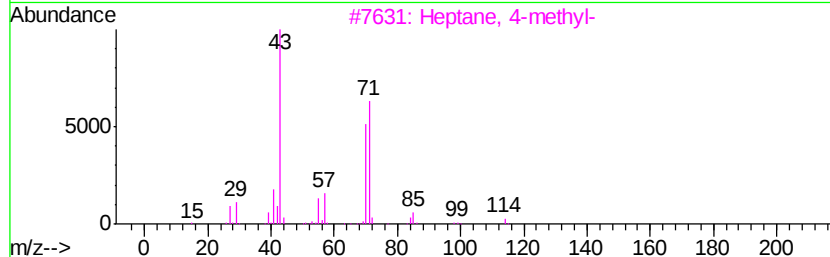
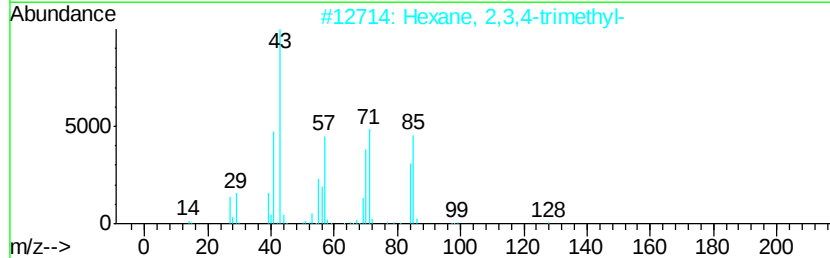
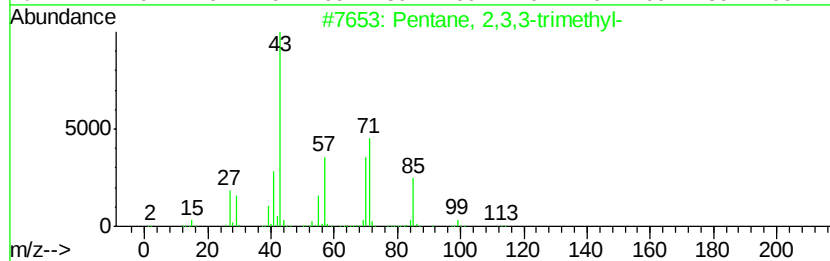
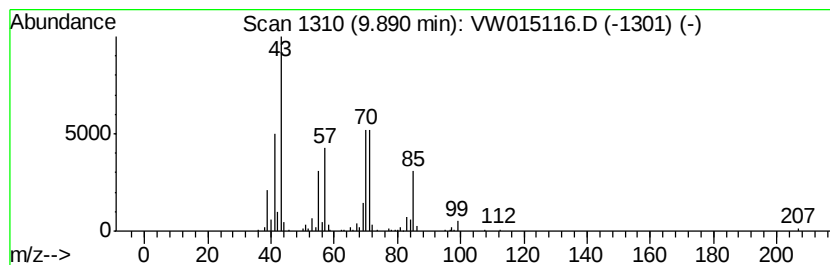
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2.02 ug/L	151077	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	83
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3		Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	9.89	2.0	ug/L	151077	1	8.84	1869000	25.0