

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060920\
 Data File : VW015570.D
 Acq On : 09 Jun 2020 14:23
 Operator : SY/VA
 Sample : L2959-01
 Misc : 5.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2J6

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\SOM2WLM052620S.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	1.995	11	15	31	rVB	5546	13197	1.05%	0.133%
2	2.160	38	42	45	rBV2	817	1327	0.11%	0.013%
3	2.209	45	50	51	rBV	1278	2023	0.16%	0.020%
4	2.355	67	74	86	rBV	103288	193074	15.33%	1.940%
5	2.898	155	163	180	rBV	68155	171628	13.63%	1.725%
6	3.769	304	306	312	rVB2	574	765	0.06%	0.008%
7	4.013	333	346	363	rBV	149753	460409	36.57%	4.627%
8	4.288	389	391	394	rBV2	295	443	0.04%	0.004%
9	4.385	396	407	421	rVV	69628	212090	16.85%	2.132%
10	4.598	438	442	444	rVB2	308	395	0.03%	0.004%
11	4.915	485	494	510	rVB2	5227	17429	1.38%	0.175%
12	5.104	522	525	527	rBV	355	398	0.03%	0.004%
13	5.580	598	603	606	rBV	248	380	0.03%	0.004%
14	5.781	632	636	637	rBV3	502	776	0.06%	0.008%
15	5.940	655	662	663	rBV3	848	1940	0.15%	0.019%
16	6.909	812	821	825	rBV5	1426	3764	0.30%	0.038%
17	7.092	842	851	858	rBV	26399	76475	6.07%	0.769%
18	7.653	932	943	957	rVV	212408	515336	40.93%	5.179%
19	7.952	988	992	993	rVV2	444	563	0.04%	0.006%
20	8.281	1034	1046	1063	rBV2	432265	1259049	100.00%	12.654%
21	8.409	1066	1067	1073	rVB2	612	800	0.06%	0.008%
22	8.628	1100	1103	1108	rVB	497	551	0.04%	0.006%
23	8.695	1108	1114	1124	rBV5	486	1437	0.11%	0.014%
24	8.848	1130	1139	1152	rBV	452421	890742	70.75%	8.952%
25	9.055	1170	1173	1174	rBV2	558	594	0.05%	0.006%
26	9.079	1174	1177	1186	rVB5	1130	2002	0.16%	0.020%
27	9.281	1200	1210	1220	rBV	279920	571258	45.37%	5.741%
28	9.671	1267	1274	1278	rBV4	487	677	0.05%	0.007%
29	9.896	1310	1311	1317	rVB2	353	379	0.03%	0.004%
30	9.957	1317	1321	1325	rBV3	1378	2340	0.19%	0.024%
31	9.988	1325	1326	1327	rVV	588	411	0.03%	0.004%
32	10.037	1327	1334	1342	rVV	158830	283514	22.52%	2.849%
33	10.097	1342	1344	1349	rVB5	1704	2486	0.20%	0.025%
34	10.219	1358	1364	1368	rBV2	247	548	0.04%	0.006%

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 Title : VOC Analysis

35	10.329	1374	1382	1389	rBV	615918	1092286	86.75%	10.978%
36	10.445	1399	1401	1406	rBV4	316	517	0.04%	0.005%
37	10.506	1406	1411	1415	rVV5	2489	4323	0.34%	0.043%
38	10.579	1417	1423	1434	rVV	101153	174435	13.85%	1.753%
39	10.664	1434	1437	1438	rVV3	453	411	0.03%	0.004%
40	10.707	1438	1444	1451	rVB	22945	40028	3.18%	0.402%
41	10.762	1451	1453	1455	rBV3	579	621	0.05%	0.006%
42	10.805	1456	1460	1461	rBV3	906	1113	0.09%	0.011%
43	10.847	1462	1467	1473	rVB7	2627	5565	0.44%	0.056%
44	10.927	1473	1480	1493	rBV	117639	198023	15.73%	1.990%
45	11.067	1494	1503	1508	rBV3	8233	17325	1.38%	0.174%
46	11.177	1518	1521	1526	rBV3	1671	2531	0.20%	0.025%
47	11.231	1526	1530	1535	rVV	3205	5061	0.40%	0.051%
48	11.280	1535	1538	1543	rVV4	1035	1531	0.12%	0.015%
49	11.341	1543	1548	1552	rVV2	3302	5831	0.46%	0.059%
50	11.408	1555	1559	1561	rVV3	4067	7175	0.57%	0.072%
51	11.439	1561	1564	1571	rVB3	10542	17520	1.39%	0.176%
52	11.518	1571	1577	1582	rBV	5869	10395	0.83%	0.104%
53	11.634	1587	1596	1606	rBV	642256	1060429	84.22%	10.658%
54	11.731	1607	1612	1621	rVB	15102	26955	2.14%	0.271%
55	11.829	1621	1628	1632	rBV6	2567	6399	0.51%	0.064%
56	11.878	1632	1636	1640	rVB4	2462	3793	0.30%	0.038%
57	11.975	1648	1652	1653	rBV2	403	530	0.04%	0.005%
58	12.067	1663	1667	1670	rVB2	1686	2578	0.20%	0.026%
59	12.140	1671	1679	1689	rBV8	6558	18170	1.44%	0.183%
60	12.225	1690	1693	1694	rBV	1767	1583	0.13%	0.016%
61	12.256	1694	1698	1702	rVB	4589	7110	0.56%	0.071%
62	12.304	1702	1706	1707	rBV2	2229	2687	0.21%	0.027%
63	12.347	1708	1713	1715	rBV5	5607	10601	0.84%	0.107%
64	12.506	1735	1739	1742	rBV4	3152	5819	0.46%	0.058%
65	12.609	1751	1756	1761	rVB2	22984	37128	2.95%	0.373%
66	12.695	1764	1770	1776	rBV	182718	299710	23.80%	3.012%
67	12.780	1780	1784	1791	rVB4	16171	31472	2.50%	0.316%
68	12.871	1791	1799	1802	rBV	34640	66263	5.26%	0.666%
69	12.902	1802	1804	1806	rBV	12509	15217	1.21%	0.153%
70	12.993	1816	1819	1824	rVB3	8523	12872	1.02%	0.129%
71	13.085	1830	1834	1837	rVB4	4650	6751	0.54%	0.068%

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72	13.127	1837	1841	1844	rBV2	2838	4499	0.36%	0.045%
73	13.170	1845	1848	1858	rVB7	7963	19148	1.52%	0.192%
74	13.298	1860	1869	1874	rBV2	11732	27054	2.15%	0.272%
75	13.451	1879	1894	1898	rBV7	15013	45587	3.62%	0.458%
76	13.560	1905	1912	1926	rVB	632798	989386	78.58%	9.944%
77	13.743	1939	1942	1948	rBV6	1639	3915	0.31%	0.039%
78	13.853	1953	1960	1975	rVB	500096	880487	69.93%	8.849%
79	14.072	1991	1996	2002	rVB2	11152	18751	1.49%	0.188%
80	14.200	2013	2017	2021	rBV5	2488	3843	0.31%	0.039%
81	14.261	2023	2027	2031	rVV7	2472	3758	0.30%	0.038%
82	14.328	2034	2038	2042	rVB5	3208	5080	0.40%	0.051%
83	14.383	2043	2047	2052	rBV6	4554	7753	0.62%	0.078%
84	14.548	2069	2074	2079	rVB5	5499	10142	0.81%	0.102%
85	14.603	2079	2083	2086	rBV5	1458	2560	0.20%	0.026%
86	14.645	2087	2090	2096	rVB5	2191	3247	0.26%	0.033%
87	14.731	2096	2104	2109	rBV7	2922	6564	0.52%	0.066%
88	14.822	2114	2119	2122	rBV5	755	1197	0.10%	0.012%
89	15.005	2142	2149	2153	rBV5	1131	2426	0.19%	0.024%
90	15.127	2167	2169	2173	rVB5	754	881	0.07%	0.009%
91	15.176	2175	2177	2183	rVB3	830	1309	0.10%	0.013%
92	15.371	2207	2209	2211	rVV3	504	494	0.04%	0.005%
93	15.438	2211	2220	2226	rVV	8223	15404	1.22%	0.155%
94	15.493	2226	2229	2233	rBV4	1011	1734	0.14%	0.017%
95	15.688	2255	2261	2262	rBV4	751	1107	0.09%	0.011%
96	15.773	2272	2275	2277	rBV3	471	657	0.05%	0.007%
97	15.798	2277	2279	2282	rBV3	519	553	0.04%	0.006%
98	16.298	2359	2361	2363	rVB3	493	417	0.03%	0.004%
99	16.602	2409	2411	2416	rVB3	958	1147	0.09%	0.012%
100	16.663	2416	2421	2423	rBV5	452	858	0.07%	0.009%

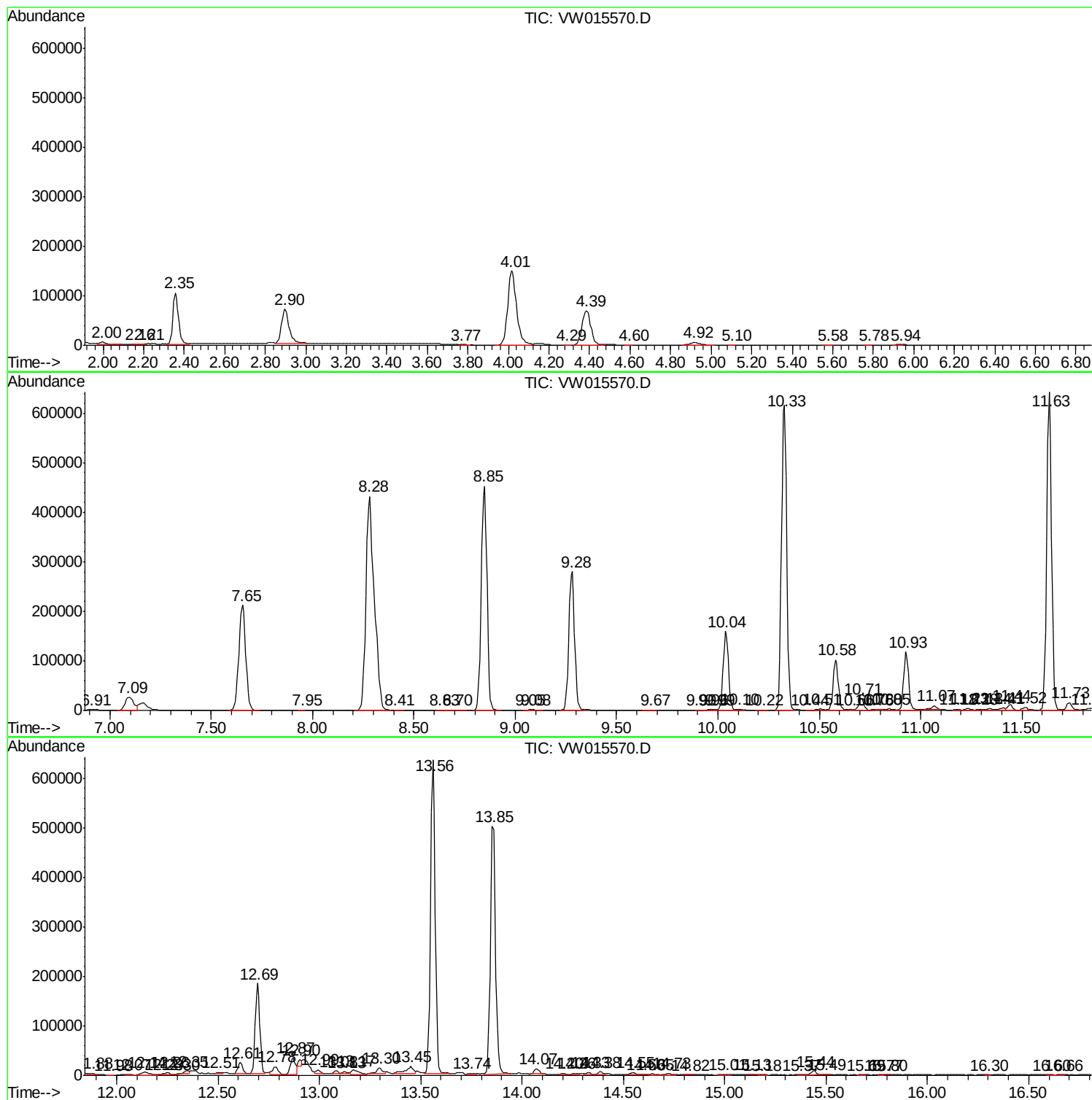
Sum of corrected areas: 9949916

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis

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



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MSVOA_W
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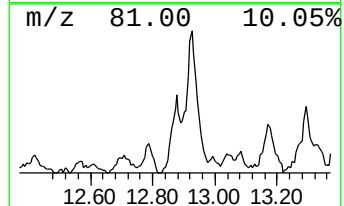
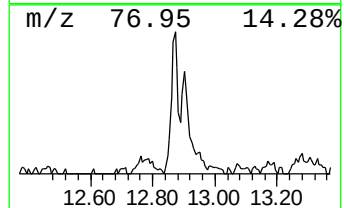
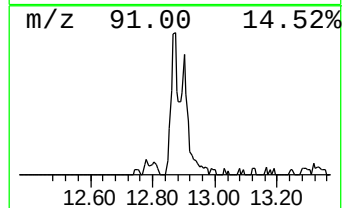
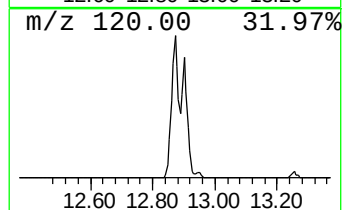
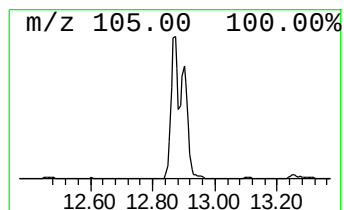
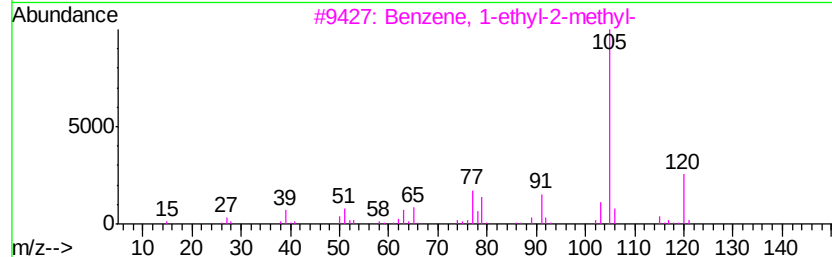
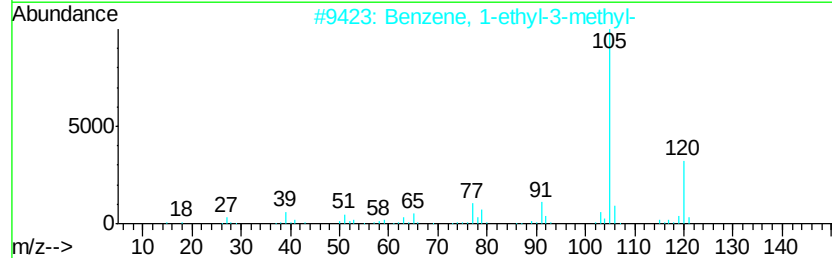
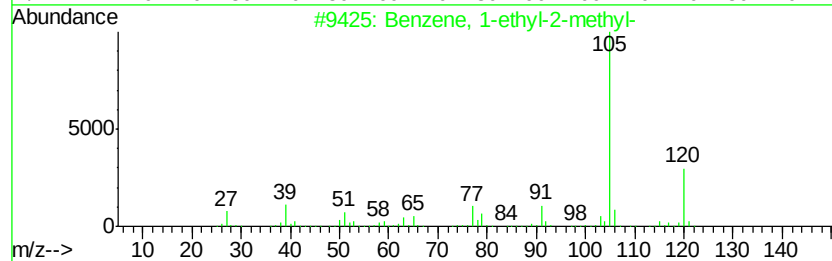
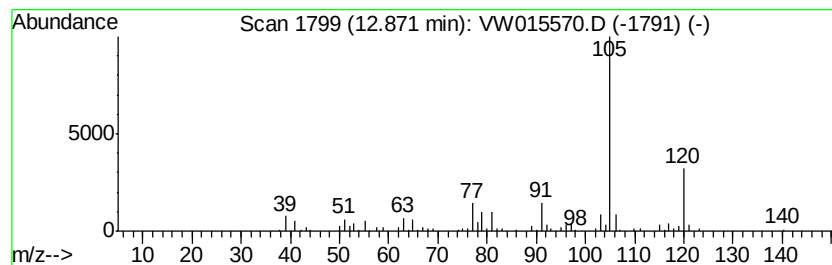
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	1.67 ug/L	66263	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
4		Mesitylene	120	C9H12	000108-67-8	87
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.87	1.7	ug/L	66263	3	13.56	989386	25.0