LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
Data File : VU058981.D
Acq On : 24 May 2024 19:24
Operator : MD/SY
Sample : P2566-02DL 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHHS6DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Title : VOC Analysis

Signal : TIC: VU058981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.592	87	94	112	rVB	108330	133938	15.46%	2.099%
2	2.550	379	392	408	rBV	158055	257256	29.69%	4.032%
3	2.991	525	529	533	rBV	307	257	0.03%	0.004%
4	3.033	533	542	551	rBV3	4666	8311	0.96%	0.130%
5	3.174	570	586	604	rBV2	18682	46224	5.33%	0.725%
6	3.470	672	678	680	rBV	327	311	0.04%	0.005%
7	3.579	709	712	715	rBV	161	109	0.01%	0.002%
8	3.647	730	733	735	rBV2	210	130	0.02%	0.002%
9	3.779	771	774	776	rBV	119	60	0.01%	0.001%
10	3.824	784	788	789	rBV2	258	156	0.02%	0.002%
11	3.962	828	831	833	rBV2	138	81	0.01%	0.001%
12	4.068	861	864	866	rBV	121	69	0.01%	0.001%
13	4.113	874	878	883	rVB	334	305	0.04%	0.005%
14	4.139	883	886	888	rBV2	237	157	0.02%	0.002%
15	4.213	906	909	912	rBV	162	114	0.01%	0.002%
16	4.293	931	934	938	rBV2	142	103	0.01%	0.002%
17	4.316	938	941	945	rBV2	166	149	0.02%	0.002%
18	4.383	960	962	966	rBV	190	131	0.02%	0.002%
19	4.415	969	972	974	rBV	76	43	0.00%	0.001%
20	4.435	975	978	980	rBV	226	144	0.02%	0.002%
21	4.476	988	991	993	rBV2	122	81	0.01%	0.001%
22	4.496	994	997	1000	rVV2	185	130	0.02%	0.002%
23	4.528	1005	1007	1008	rBV	87	37	0.00%	0.001%
24	4.544	1008	1012	1014	rBV	234	185	0.02%	0.003%
25	4.611	1023	1033	1069	rBV	92967	291831	33.67%	4.574%
26	4.943	1131	1136	1139	rBV3	245	322	0.04%	0.005%
27	5.052	1153	1170	1193	rBV	155172	343891	39.68%	5.390%
28	5.271	1232	1238	1242	rBV2	369	326	0.04%	0.005%
29	5.293	1242	1245	1247	rVB	194	110	0.01%	0.002%
30	5.309	1247	1250	1255	rBV2	214	198	0.02%	0.003%
31	5.354	1263	1264	1265	rBV2	119	32	0.00%	0.001%
32	5.464	1294	1298	1302	rBV	211	178	0.02%	0.003%
33	5.537	1315	1321	1324	rBV2	209	238	0.03%	0.004%
34	5.714	1355	1376	1407	rBV2	317425	866619	100.00%	13.583%
35	5.952	1447	1450	1451	rBV	276	164	0.02%	0.003%
36	6.103	1494	1497	1498	rBV	177	106	0.01%	0.002%

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHHS6DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Title : VOC Analysis

37	6.129	1504	1505	1507	rBV	207	60	0.01%	0.001%
38	6.164	1514	1516	1518	rVB	215	84	0.01%	0.001%
39	6.242	1526	1540	1564	rBV	214431	414218	47.80%	6.492%
40	6.393	1585	1587	1589	rBV	263	149	0.02%	0.002%
41	6.438	1598	1601	1603	rBV	161	93	0.01%	0.001%
42	6.460	1607	1608	1609	rBV	193	47	0.01%	0.001%
43	6.470	1609	1611	1612	rBV	123	62	0.01%	0.001%
44	6.534	1620	1631	1644	rVB7	6669	14263	1.65%	0.224%
45	6.586	1644	1647	1650	rBV3	507	412	0.05%	0.006%
46	6.627	1657	1660	1662	rBV	259	151	0.02%	0.002%
47	6.682	1663	1677	1695	rBV2	201815	398211	45.95%	6.241%
48	6.833	1720	1724	1728	rBV2	239	223	0.03%	0.003%
49	6.881	1737	1739	1742	rVB2	133	62	0.01%	0.001%
50	6.904	1742	1746	1749	rBV2	248	233	0.03%	0.004%
51	7.045	1788	1790	1794	rVB2	167	98	0.01%	0.002%
52	7.062	1794	1795	1796	rBV	206	48	0.01%	0.001%
53	7.190	1834	1835	1840	rVB	253	129	0.01%	0.002%
54	7.280	1861	1863	1867	rBV2	108	68	0.01%	0.001%
55	7.306	1867	1871	1872	rBV	152	104	0.01%	0.002%
56	7.341	1879	1882	1885	rVB2	188	115	0.01%	0.002%
57	7.361	1885	1888	1891	rBV	294	189	0.02%	0.003%
58	7.470	1919	1922	1925	rBV2	272	177	0.02%	0.003%
59	7.512	1932	1935	1937	rBV	226	171	0.02%	0.003%
60	7.560	1938	1950	1968	rVV	96900	173457	20.02%	2.719%
61	7.721	1998	2000	2001	rBV	254	119	0.01%	0.002%
62	7.782	2013	2019	2029	rBV4	704	1186	0.14%	0.019%
63	7.827	2030	2033	2037	rVB	298	198	0.02%	0.003%
64	7.891	2041	2053	2074	rBV	348689	598076	69.01%	9.374%
65	8.174	2130	2141	2159	rBV	69658	118504	13.67%	1.857%
66	8.290	2174	2177	2180	rBV	510	313	0.04%	0.005%
67	8.425	2212	2219	2225	rVB2	366	479	0.06%	0.008%
68	8.457	2225	2229	2236	rBV2	545	714	0.08%	0.011%
69	8.550	2256	2258	2261	rBV3	256	114	0.01%	0.002%
70	8.627	2269	2282	2320	rBV	265068	507170	58.52%	7.949%
71	9.055	2412	2415	2416	rBV	234	135	0.02%	0.002%
72	9.106	2428	2431	2433	rBV2	389	257	0.03%	0.004%
73	9.174	2449	2452	2458	rBV2	284	275	0.03%	0.004%
74	9.280	2482	2485	2486	rBV2	184	116	0.01%	0.002%
75	9.344	2501	2505	2509	rBV2	283	281	0.03%	0.004%
76	9.412	2514	2526	2551	rBV	309835	510487	58.91%	8.001%

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BHHS6DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Title : VOC Analysis

77	9.569	2569	2575	2582	rBV5	1065	1395	0.16%	0.022%
78	9.701	2609	2616	2625	rBV7	2001	2775	0.32%	0.043%
79	9.965	2696	2698	2704	rVB	351	221	0.03%	0.003%
80	9.994	2704	2707	2708	rBV	239	144	0.02%	0.002%
81	10.023	2713	2716	2720	rBV3	499	541	0.06%	0.008%
82	10.238	2779	2783	2785	rBV3	729	421	0.05%	0.007%
83	10.264	2787	2791	2797	rVB5	982	1234	0.14%	0.019%
84	10.351	2814	2818	2822	rBV3	1053	1034	0.12%	0.016%
85	10.749	2931	2942	2960	rBV	308002	494783	57.09%	7.755%
86	10.997	3010	3019	3025	rBV	8568	14684	1.69%	0.230%
87	11.084	3039	3046	3063	rVB	17020	25481	2.94%	0.399%
88	11.290	3105	3110	3122	rVB5	2796	4138	0.48%	0.065%
89	11.412	3143	3148	3154	rBV5	1962	2558	0.30%	0.040%
90	11.463	3156	3164	3176	rVB	45515	70849	8.18%	1.110%
91	11.592	3201	3204	3205	rBV3	688	367	0.04%	0.006%
92	11.701	3235	3238	3242	rBV3	568	403	0.05%	0.006%
93	11.740	3243	3250	3258	rVV4	3714	5337	0.62%	0.084%
94	11.807	3259	3271	3287	rVV	283470	458899	52.95%	7.193%
95	11.891	3290	3297	3309	rVB2	20804	33176	3.83%	0.520%
96	12.097	3352	3361	3365	rBV4	3426	5639	0.65%	0.088%
97	12.187	3378	3389	3411	rBV	328705	551541	63.64%	8.645%
98	12.463	3470	3475	3479	rBV5	2847	3656	0.42%	0.057%
99	12.573	3501	3509	3518	rBV2	4819	6664	0.77%	0.104%
100	12.798	3577	3579	3582	rBV3	652	408	0.05%	0.006%

Sum of corrected areas: 6380092

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ClientSampleId :
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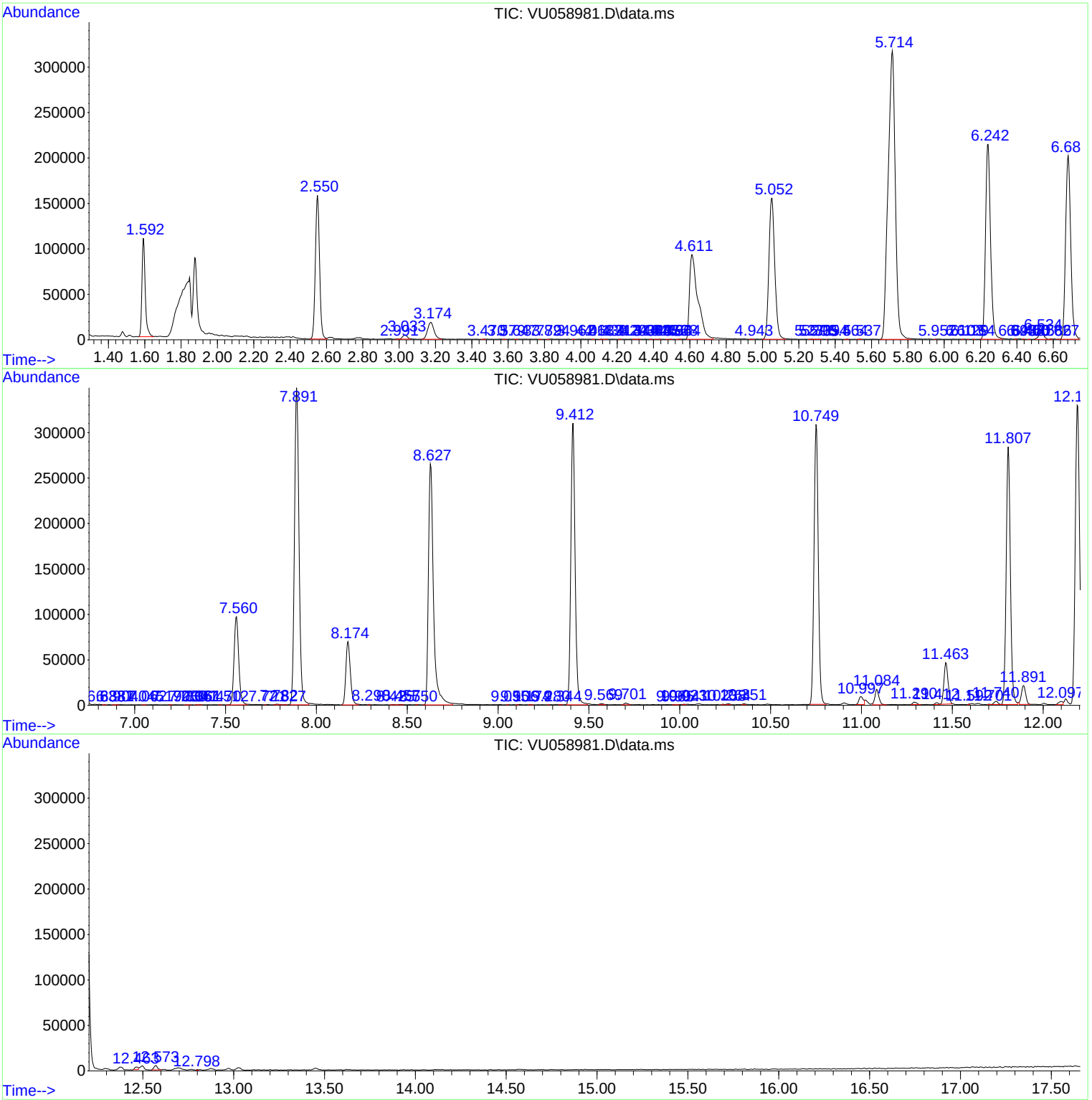
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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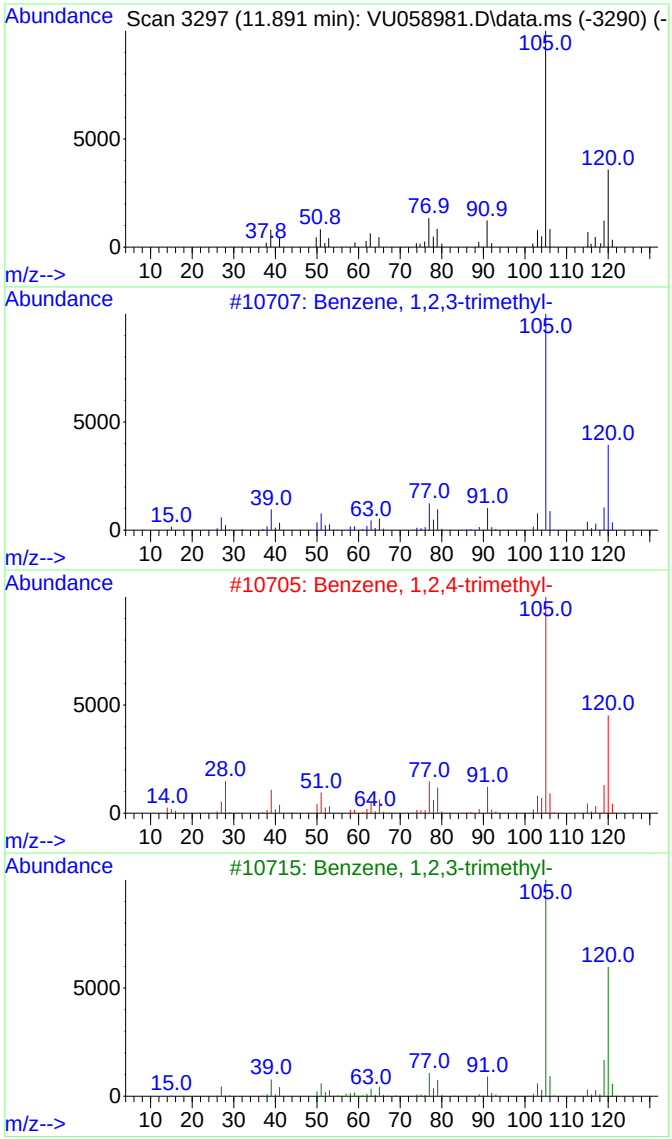
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Quant Title : VOC Analysis

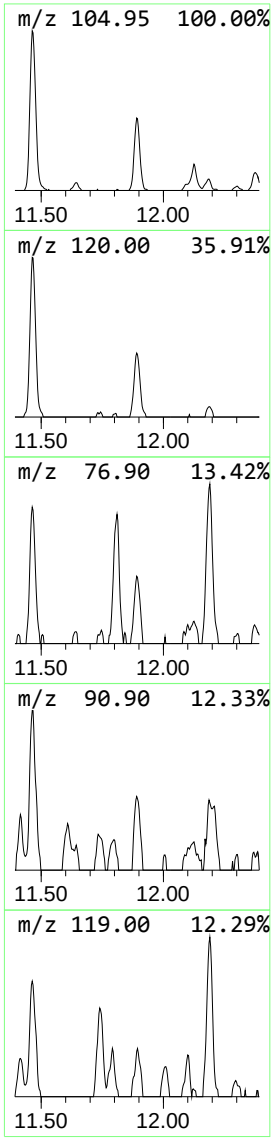
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	3.61 ug/L	33176	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	96
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-...	11.891	3.6	ug/L	33176	3	11.807	458899	50.0