LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062824\
Data File : VV036351.D
Acq On : 28 Jun 2024 15:46
Operator : SY/MD
Sample : P3035-24
Misc : 5.17g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CC9

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_V\Method\SFAMVLM062724SMA.M
Title : VOC Analysis

Signal : TIC: VV036351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	67	73	89	rVB	126467	137696	16.96%	2.294%
2	1.529	146	152	170	rVB	117294	136612	16.83%	2.276%
3	2.053	306	315	331	rVB	235465	338170	41.66%	5.634%
4	2.442	426	436	453	rBV	55840	94873	11.69%	1.581%
5	2.809	548	550	557	rVB2	300	212	0.03%	0.004%
6	2.873	567	570	573	rBV2	213	177	0.02%	0.003%
7	2.895	574	577	579	rVV	336	174	0.02%	0.003%
8	2.966	589	599	613	rVB4	4153	9111	1.12%	0.152%
9	3.117	642	646	648	rBV	333	277	0.03%	0.005%
10	3.294	697	701	704	rBV2	385	200	0.02%	0.003%
11	3.355	717	720	721	rBV	352	172	0.02%	0.003%
12	3.603	793	797	798	rBV2	248	179	0.02%	0.003%
13	3.738	834	839	841	rBV	327	229	0.03%	0.004%
14	3.770	845	849	851	rBV	290	231	0.03%	0.004%
15	3.838	855	870	888	rBV4	13641	48077	5.92%	0.801%
16	4.246	981	997	1026	rBV	141956	377370	46.49%	6.288%
17	4.619	1111	1113	1117	rVB3	521	225	0.03%	0.004%
18	4.641	1117	1120	1123	rVB2	326	253	0.03%	0.004%
19	4.725	1144	1146	1150	rBV	286	240	0.03%	0.004%
20	4.860	1185	1188	1191	rBV2	213	171	0.02%	0.003%
21	4.876	1191	1193	1198	rVB2	241	165	0.02%	0.003%
22	4.953	1203	1217	1248	rBV2	319097	811810	100.00%	13.526%
23	5.413	1357	1360	1363	rBV2	352	197	0.02%	0.003%
24	5.432	1364	1366	1369	rVV2	273	171	0.02%	0.003%
25	5.532	1387	1397	1429	rBV	239110	515731	63.53%	8.593%
26	5.831	1480	1490	1506	rBV3	11853	26326	3.24%	0.439%
27	5.985	1526	1538	1567	rBV	182104	390203	48.07%	6.501%
28	6.291	1629	1633	1636	rVB2	459	397	0.05%	0.007%
29	6.342	1646	1649	1653	rBV	296	208	0.03%	0.003%
30	6.413	1667	1671	1674	rBV	211	199	0.02%	0.003%
31	6.693	1755	1758	1761	rVB2	433	256	0.03%	0.004%
32	6.728	1768	1769	1773	rVV2	324	188	0.02%	0.003%
33	6.763	1777	1780	1782	rBV2	330	222	0.03%	0.004%
34	6.812	1790	1795	1798	rBV2	374	311	0.04%	0.005%
35	6.841	1802	1804	1807	rBV	261	167	0.02%	0.003%
36	6.915	1815	1827	1851	rBV	71382	147580	18.18%	2.459%

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Instrument :
MSVOA_V
ClientSampleId :
A4CC9

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_V\Method\SFAMVLM062724SMA.M
Title : VOC Analysis

37	7.127	1890	1893	1900	rVB4	566	552	0.07%	0.009%
38	7.169	1901	1906	1911	rVB4	430	396	0.05%	0.007%
39	7.243	1918	1929	1959	rBV	336461	613943	75.63%	10.229%
40	7.558	2018	2027	2048	rBV	46046	90986	11.21%	1.516%
41	7.779	2093	2096	2099	rBV	423	216	0.03%	0.004%
42	7.879	2115	2127	2132	rBV3	2658	4673	0.58%	0.078%
43	8.037	2168	2176	2207	rBV	34497	85263	10.50%	1.421%
44	8.451	2300	2305	2306	rBV2	428	367	0.05%	0.006%
45	8.484	2313	2315	2318	rVB	515	243	0.03%	0.004%
46	8.509	2318	2323	2324	rBV3	470	306	0.04%	0.005%
47	8.525	2324	2328	2329	rBV	421	202	0.02%	0.003%
48	8.609	2350	2354	2356	rBV	328	278	0.03%	0.005%
49	8.648	2360	2366	2372	rBV3	337	449	0.06%	0.007%
50	8.702	2381	2383	2388	rVB2	318	179	0.02%	0.003%
51	8.734	2390	2393	2398	rBV	268	273	0.03%	0.005%
52	8.783	2398	2408	2433	rBV	401626	670676	82.61%	11.174%
53	9.066	2492	2496	2498	rBV4	555	415	0.05%	0.007%
54	9.149	2519	2522	2524	rBV2	371	290	0.04%	0.005%
55	9.188	2530	2534	2535	rBV2	358	223	0.03%	0.004%
56	9.217	2540	2543	2547	rBV2	480	409	0.05%	0.007%
57	9.339	2575	2581	2584	rBV4	356	361	0.04%	0.006%
58	9.361	2584	2588	2589	rVV2	315	232	0.03%	0.004%
59	9.374	2589	2592	2594	rVV2	533	308	0.04%	0.005%
60	9.474	2620	2623	2625	rBV2	249	206	0.03%	0.003%
61	9.570	2650	2653	2655	rBV2	342	240	0.03%	0.004%
62	9.590	2657	2659	2664	rVB3	324	281	0.03%	0.005%
63	9.680	2683	2687	2691	rBV	271	230	0.03%	0.004%
64	9.699	2691	2693	2695	rVV	256	163	0.02%	0.003%
65	9.728	2698	2702	2706	rBV	253	201	0.02%	0.003%
66	9.837	2727	2736	2741	rBV7	1073	1544	0.19%	0.026%
67	9.860	2741	2743	2748	rVB2	421	326	0.04%	0.005%
68	9.979	2775	2780	2782	rBV2	283	292	0.04%	0.005%
69	10.024	2789	2794	2795	rBV	281	177	0.02%	0.003%
70	10.033	2795	2797	2801	rVV	367	192	0.02%	0.003%
71	10.056	2801	2804	2809	rVV3	469	314	0.04%	0.005%
72	10.152	2822	2834	2855	rBV	127706	211031	26.00%	3.516%
73	10.323	2879	2887	2897	rVB2	6940	10717	1.32%	0.179%
74	10.365	2897	2900	2904	rVB3	262	190	0.02%	0.003%
75	10.390	2904	2908	2910	rBV2	274	173	0.02%	0.003%
76	10.410	2910	2914	2918	rVB3	279	246	0.03%	0.004%

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CC9

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_V\Method\SFAMVLM062724SMA.M
Title : VOC Analysis

77	10.506	2939	2944	2945	rBV	299	233	0.03%	0.004%
78	10.558	2958	2960	2966	rVB3	289	205	0.03%	0.003%
79	10.603	2970	2974	2975	rBV2	285	177	0.02%	0.003%
80	10.638	2980	2985	2986	rBV3	255	190	0.02%	0.003%
81	10.718	3008	3010	3015	rVV	352	216	0.03%	0.004%
82	10.860	3045	3054	3084	rBV	50492	115296	14.20%	1.921%
83	11.181	3144	3154	3187	rBV	372342	602237	74.18%	10.034%
84	11.557	3261	3271	3297	rVB	330417	529920	65.28%	8.829%
85	12.133	3446	3450	3453	rBV2	497	365	0.04%	0.006%
86	12.191	3461	3468	3477	rVB3	4595	6803	0.84%	0.113%
87	12.622	3594	3602	3607	rBV7	3206	4415	0.54%	0.074%
88	12.680	3616	3620	3624	rBV4	313	405	0.05%	0.007%
89	12.924	3694	3696	3699	rVB3	396	184	0.02%	0.003%
90	12.975	3708	3712	3719	rBV3	529	739	0.09%	0.012%
91	13.262	3798	3801	3803	rBV2	388	273	0.03%	0.005%
92	13.406	3843	3846	3851	rBV3	681	387	0.05%	0.006%
93	13.561	3893	3894	3897	rVB2	704	288	0.04%	0.005%
94	13.580	3898	3900	3902	rBV	323	170	0.02%	0.003%
95	13.635	3915	3917	3920	rBV2	371	261	0.03%	0.004%
96	13.683	3925	3932	3934	rBV4	874	951	0.12%	0.016%
97	13.728	3942	3946	3948	rBV	534	429	0.05%	0.007%
98	14.625	4223	4225	4229	rVB2	573	325	0.04%	0.005%
99	14.647	4229	4232	4235	rBV2	443	386	0.05%	0.006%
100	14.760	4262	4267	4269	rBV3	578	465	0.06%	0.008%

Sum of corrected areas: 6001863

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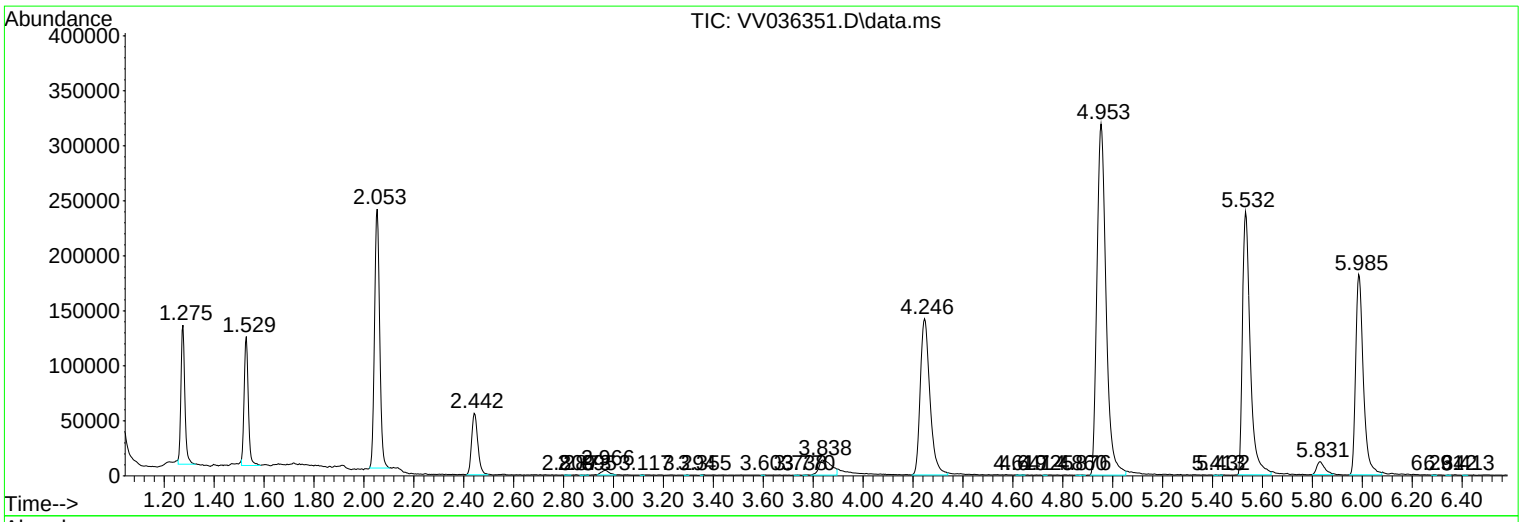
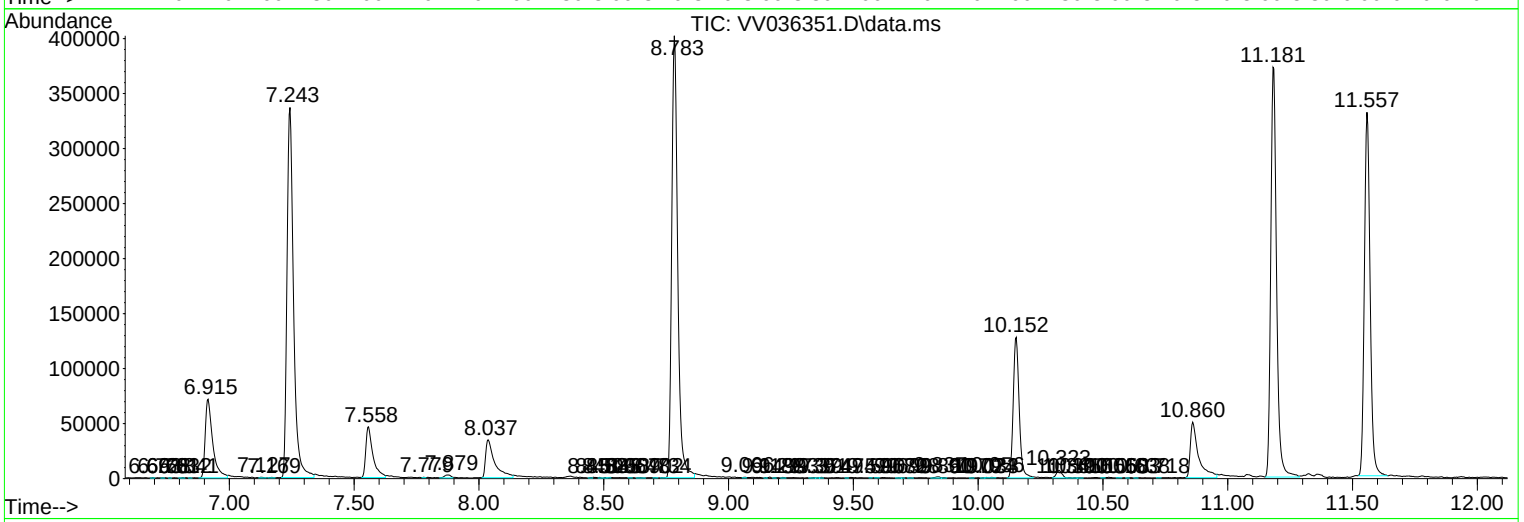
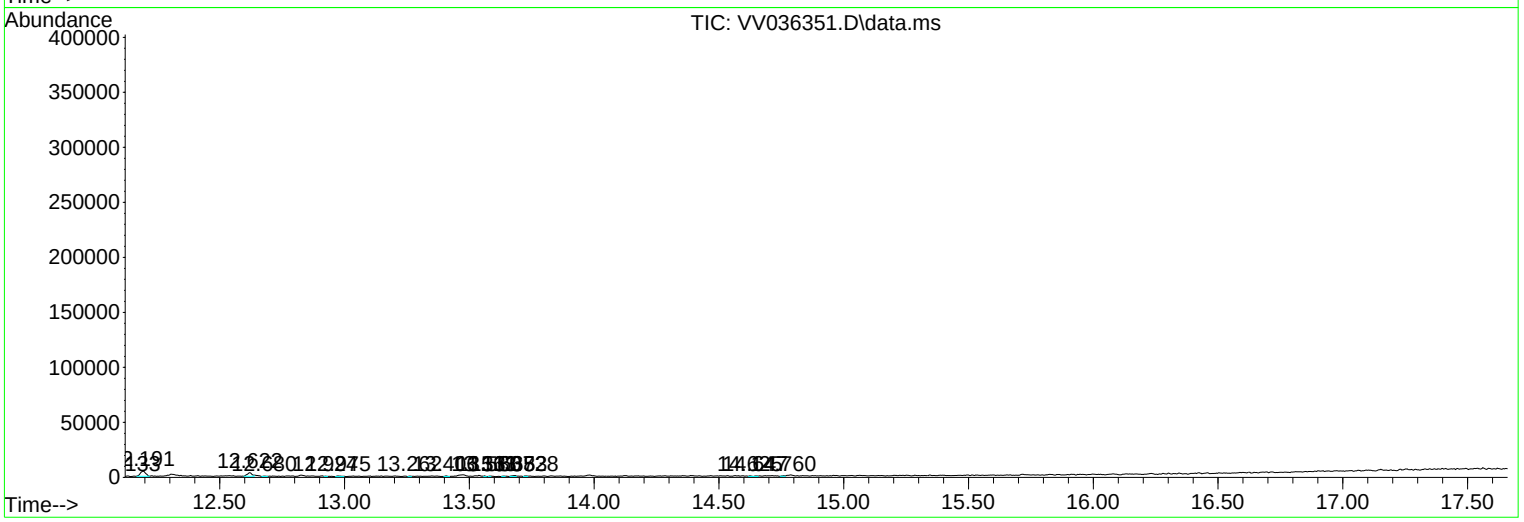
Instrument :
MSVOA_V
ClientSampleId :
A4CC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

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







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MSVOA_V
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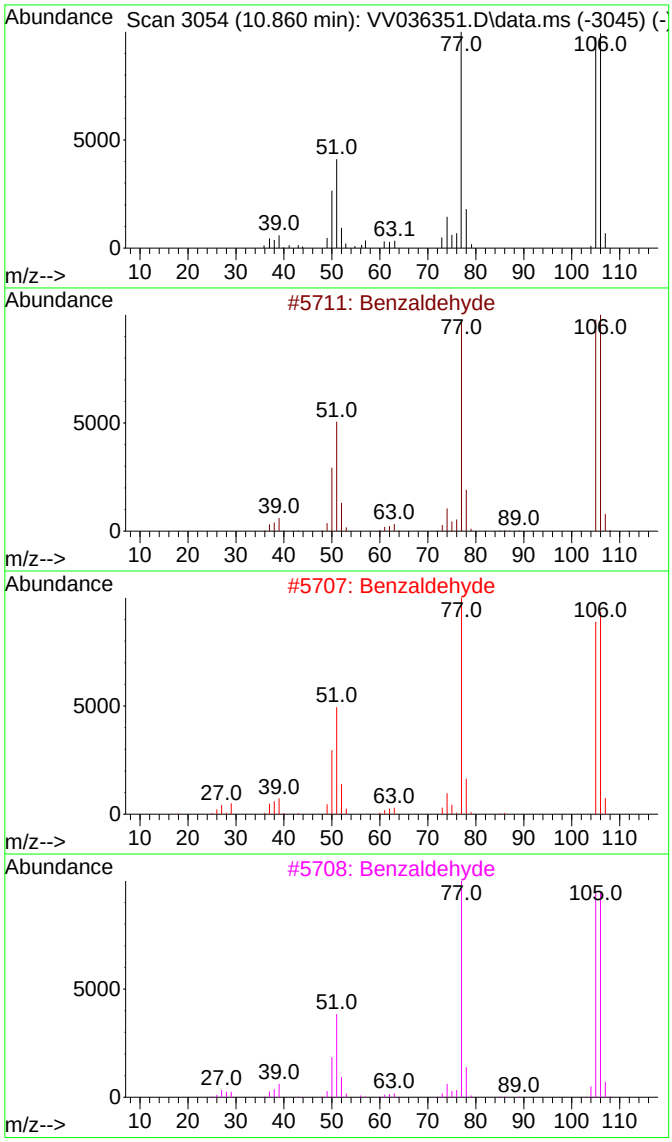
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
Quant Title : VOC Analysis

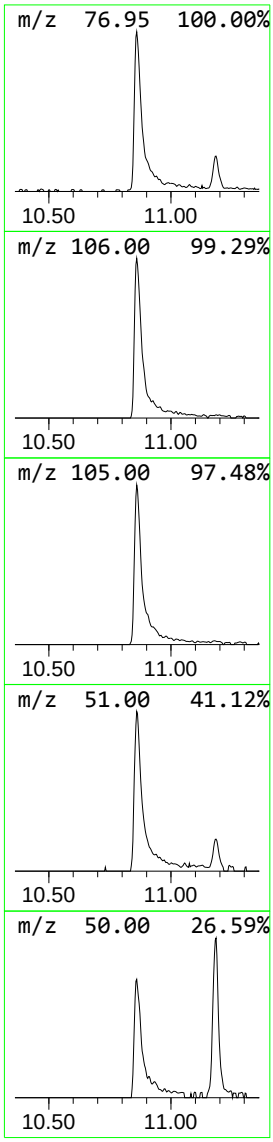
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.860	4.79 ug/L	115296	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde	106	C7H6O	000100-52-7	96
2	Benzaldehyde	106	C7H6O	000100-52-7	95
3	Benzaldehyde	106	C7H6O	000100-52-7	91
4	Benzaldehyde	106	C7H6O	000100-52-7	91
5	Benzaldehyde	106	C7H6O	000100-52-7	90





Tentatively Identified Compound (LSC) summary

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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
Benzaldehyde	10.860	4.8	ug/L	115296	3	11.185	602237	25.0