LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035757.D
Acq On : 24 May 2024 19:12
Operator : SY/MD
Sample : VIBLK288
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK288

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\SFAMVLM050624SMA.M
Title : VOC Analysis

Signal : TIC: VV035757.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	93	rVB	272962	297488	18.15%	2.307%
2	1.529	144	152	168	rVB	213233	252927	15.43%	1.961%
3	2.053	305	315	339	rVB	426345	642423	39.19%	4.982%
4	2.442	426	436	454	rBV	99236	167682	10.23%	1.300%
5	2.555	461	471	489	rVB	21349	47281	2.88%	0.367%
6	2.963	586	598	617	rVB3	20958	43370	2.65%	0.336%
7	3.063	626	629	633	rVB2	714	456	0.03%	0.004%
8	3.159	655	659	661	rVB3	449	294	0.02%	0.002%
9	3.407	733	736	742	rBV	277	304	0.02%	0.002%
10	3.532	773	775	782	rVB2	494	427	0.03%	0.003%
11	3.590	788	793	795	rBV2	474	339	0.02%	0.003%
12	3.658	808	814	818	rBV2	895	863	0.05%	0.007%
13	3.741	836	840	843	rBV	326	309	0.02%	0.002%
14	3.841	852	871	923	rBV2	65638	345994	21.11%	2.683%
15	4.246	980	997	1028	rBV	263189	690140	42.10%	5.352%
16	4.664	1124	1127	1137	rVB5	518	798	0.05%	0.006%
17	4.709	1137	1141	1144	rBV3	345	364	0.02%	0.003%
18	4.793	1164	1167	1172	rBV4	576	420	0.03%	0.003%
19	4.831	1176	1179	1182	rVB3	521	349	0.02%	0.003%
20	4.953	1200	1217	1253	rBV2	640601	1639210	100.00%	12.711%
21	5.387	1349	1352	1356	rVB3	487	374	0.02%	0.003%
22	5.532	1386	1397	1434	rBV	562826	1180878	72.04%	9.157%
23	5.764	1466	1469	1474	rVB5	772	668	0.04%	0.005%
24	5.828	1478	1489	1511	rVV2	30925	71728	4.38%	0.556%
25	5.985	1526	1538	1569	rBV	356819	753033	45.94%	5.839%
26	6.436	1675	1678	1681	rBV3	382	339	0.02%	0.003%
27	6.686	1750	1756	1757	rBV	1037	607	0.04%	0.005%
28	6.812	1791	1795	1799	rBV3	288	283	0.02%	0.002%
29	6.915	1813	1827	1851	rBV	157097	313851	19.15%	2.434%
30	7.117	1889	1890	1896	rVB	692	369	0.02%	0.003%
31	7.182	1904	1910	1914	rBV5	2046	2674	0.16%	0.021%
32	7.243	1918	1929	1954	rBV	705737	1252373	76.40%	9.712%
33	7.555	2017	2026	2053	rBV	103829	200844	12.25%	1.557%
34	7.786	2093	2098	2099	rBV3	623	471	0.03%	0.004%
35	7.809	2101	2105	2109	rVB5	1018	837	0.05%	0.006%
36	7.876	2114	2126	2134	rBV3	13482	24686	1.51%	0.191%

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Sample : VIBLK288
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK288

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\SFAMVLM050624SMA.M
Title : VOC Analysis

37	8.034	2166	2175	2209	rBV	104425	254257	15.51%	1.972%
38	8.265	2245	2247	2252	rVB3	808	506	0.03%	0.004%
39	8.362	2268	2277	2293	rVB2	18351	33699	2.06%	0.261%
40	8.783	2397	2408	2438	rBV	900700	1496262	91.28%	11.603%
41	9.075	2496	2499	2500	rBV3	688	435	0.03%	0.003%
42	9.165	2524	2527	2531	rBV2	591	451	0.03%	0.003%
43	9.198	2535	2537	2542	rVB4	512	422	0.03%	0.003%
44	9.223	2542	2545	2549	rBV3	423	300	0.02%	0.002%
45	9.252	2552	2554	2558	rVB3	613	355	0.02%	0.003%
46	9.300	2567	2569	2575	rVB3	624	588	0.04%	0.005%
47	9.339	2575	2581	2587	rBV5	563	787	0.05%	0.006%
48	9.490	2623	2628	2631	rBV3	1904	1889	0.12%	0.015%
49	9.590	2655	2659	2665	rVB3	470	655	0.04%	0.005%
50	9.680	2683	2687	2691	rVB2	546	449	0.03%	0.003%
51	9.831	2731	2734	2738	rBV2	556	485	0.03%	0.004%
52	9.873	2742	2747	2757	rBV6	2475	3191	0.19%	0.025%
53	9.918	2759	2761	2767	rVB4	881	705	0.04%	0.005%
54	9.956	2767	2773	2776	rBV3	487	552	0.03%	0.004%
55	10.014	2788	2791	2797	rBV3	536	664	0.04%	0.005%
56	10.072	2807	2809	2815	rVB3	596	464	0.03%	0.004%
57	10.153	2822	2834	2857	rBV	274473	442100	26.97%	3.428%
58	10.326	2876	2888	2899	rVB	31461	49662	3.03%	0.385%
59	10.413	2911	2915	2918	rBV3	301	284	0.02%	0.002%
60	10.480	2929	2936	2943	rBV4	2744	3335	0.20%	0.026%
61	10.606	2972	2975	2980	rVB2	449	370	0.02%	0.003%
62	10.715	3001	3009	3013	rBV6	931	1291	0.08%	0.010%
63	10.747	3014	3019	3023	rVB5	972	1017	0.06%	0.008%
64	10.860	3044	3054	3065	rBV4	5027	8016	0.49%	0.062%
65	11.082	3111	3123	3128	rBV4	2292	3582	0.22%	0.028%
66	11.127	3130	3137	3144	rBV4	7232	11590	0.71%	0.090%
67	11.185	3144	3155	3189	rVV	828877	1320876	80.58%	10.243%
68	11.558	3257	3271	3299	rBV	654747	1080351	65.91%	8.378%
69	11.779	3337	3340	3342	rBV4	1466	1131	0.07%	0.009%
70	11.837	3355	3358	3361	rBV2	1062	682	0.04%	0.005%
71	12.098	3436	3439	3441	rBV2	492	326	0.02%	0.003%
72	12.133	3448	3450	3454	rVB4	514	318	0.02%	0.002%
73	12.194	3460	3469	3481	rVB	15860	25694	1.57%	0.199%
74	12.320	3505	3508	3512	rVB4	721	365	0.02%	0.003%
75	12.345	3512	3516	3517	rBV2	513	389	0.02%	0.003%
76	12.484	3556	3559	3564	rVB3	388	299	0.02%	0.002%

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Sample : VIBLK288
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ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK288

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_V\Method\SFAMVLM050624SMA.M
Title : VOC Analysis

77	12.525	3569	3572	3574	rVV2	676	503	0.03%	0.004%
78	12.538	3574	3576	3583	rVV4	847	787	0.05%	0.006%
79	12.590	3583	3592	3610	rVB4	10446	17688	1.08%	0.137%
80	12.786	3648	3653	3656	rBV4	473	471	0.03%	0.004%
81	12.828	3659	3666	3676	rVB5	4763	6318	0.39%	0.049%
82	12.927	3691	3697	3699	rBV4	393	413	0.03%	0.003%
83	13.075	3740	3743	3746	rBV2	932	786	0.05%	0.006%
84	13.107	3750	3753	3756	rBV3	394	310	0.02%	0.002%
85	13.204	3775	3783	3794	rBV2	16478	25521	1.56%	0.198%
86	13.345	3824	3827	3833	rVB3	679	669	0.04%	0.005%
87	13.442	3848	3857	3872	rBV	28353	49423	3.02%	0.383%
88	13.522	3878	3882	3886	rBV4	565	568	0.03%	0.004%
89	13.683	3922	3932	3945	rVB2	64562	97905	5.97%	0.759%
90	13.757	3952	3955	3958	rBV2	620	488	0.03%	0.004%
91	13.821	3973	3975	3977	rBV2	573	288	0.02%	0.002%
92	13.985	4021	4026	4037	rVB6	2376	3828	0.23%	0.030%
93	14.088	4054	4058	4061	rBV5	876	692	0.04%	0.005%
94	14.123	4065	4069	4076	rVB8	1403	1631	0.10%	0.013%
95	14.162	4078	4081	4082	rBV2	631	358	0.02%	0.003%
96	14.194	4089	4091	4095	rBV	646	409	0.02%	0.003%
97	14.496	4182	4185	4190	rBV4	528	445	0.03%	0.003%
98	14.699	4245	4248	4252	rBV4	823	773	0.05%	0.006%
99	14.783	4272	4274	4277	rBV2	974	674	0.04%	0.005%
100	14.856	4295	4297	4302	rVB2	663	369	0.02%	0.003%

Sum of corrected areas: 12895564

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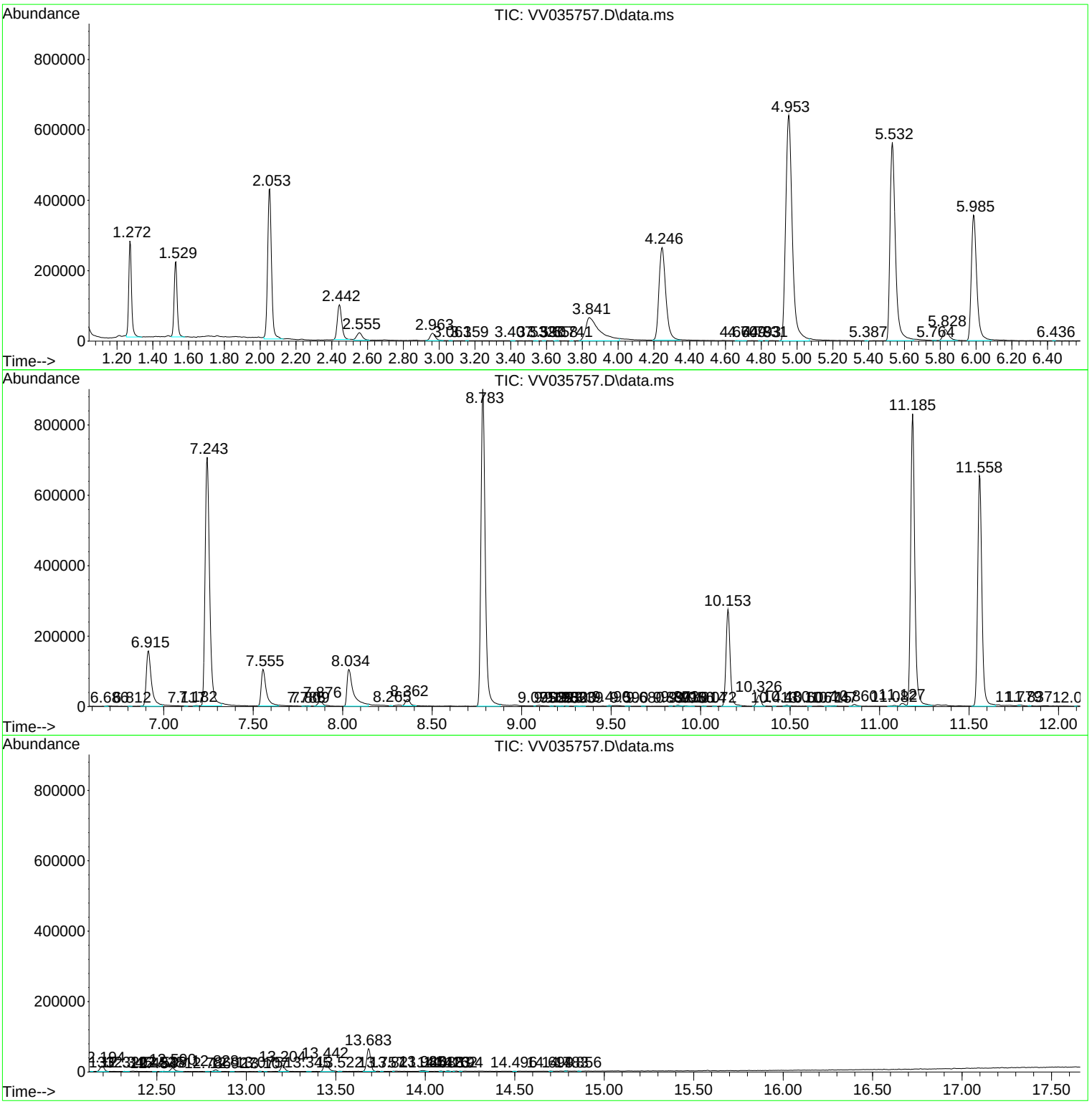
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK288

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_V
ClientSampleId :
VIBLK288

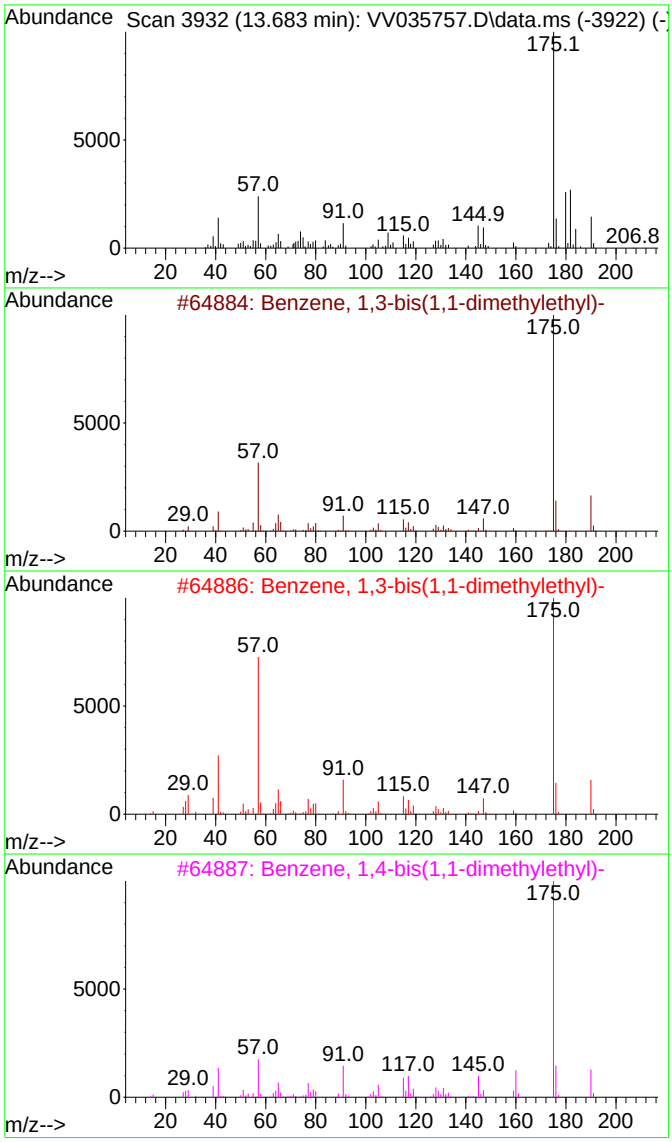
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

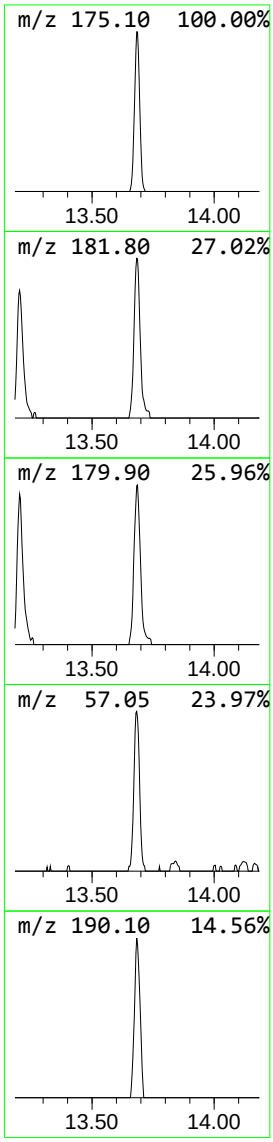
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.85 ug/L	97905	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	86
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	64
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.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, 1,3-bi...	13.683	1.9	ug/L	97905	3	11.185	1320880	25.0