LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040819\
Data File : VV010183.D
Acq On : 08 Apr 2019 18:26
Operator : SY/MD
Sample : K2255-05
Misc : 2.67G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC47

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\SOM2VLM040219S.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	1.576	146	151	162	rVB	79256	90823	16.63%	2.377%
2	2.126	315	322	333	rVB	144362	199022	36.44%	5.210%
3	2.441	412	420	425	rBV5	2190	2759	0.51%	0.072%
4	2.537	439	450	465	rBV	49244	83145	15.22%	2.176%
5	2.643	478	483	484	rBV3	429	336	0.06%	0.009%
6	2.692	491	498	501	rBV5	809	1141	0.21%	0.030%
7	2.791	526	529	532	rVB2	672	428	0.08%	0.011%
8	2.820	532	538	539	rBV3	494	304	0.06%	0.008%
9	2.865	549	552	556	rBV	591	332	0.06%	0.009%
10	2.997	589	593	599	rBV3	563	548	0.10%	0.014%
11	3.071	604	616	629	rVB4	5760	12286	2.25%	0.322%
12	3.168	644	646	648	rBV	498	293	0.05%	0.008%
13	3.341	697	700	704	rBV	426	314	0.06%	0.008%
14	3.560	762	768	771	rBV2	714	619	0.11%	0.016%
15	3.676	802	804	809	rVB2	470	383	0.07%	0.010%
16	3.814	845	847	854	rVB2	449	302	0.06%	0.008%
17	3.959	878	892	900	rBV	9901	24304	4.45%	0.636%
18	4.402	1014	1030	1060	rBV2	103338	260638	47.72%	6.823%
19	4.608	1092	1094	1098	rBV2	446	325	0.06%	0.009%
20	4.650	1105	1107	1110	rVV	651	347	0.06%	0.009%
21	4.775	1142	1146	1148	rBV	390	323	0.06%	0.008%
22	4.788	1148	1150	1156	rVB3	637	491	0.09%	0.013%
23	4.820	1156	1160	1163	rBV3	431	415	0.08%	0.011%
24	4.843	1163	1167	1172	rVB2	518	441	0.08%	0.012%
25	5.097	1228	1246	1270	rBV3	221046	546160	100.00%	14.297%
26	5.399	1337	1340	1344	rVB2	540	400	0.07%	0.010%
27	5.463	1355	1360	1362	rBV2	705	618	0.11%	0.016%
28	5.666	1407	1423	1446	rBV	199924	397632	72.81%	10.409%
29	5.955	1503	1513	1520	rVB9	3579	6374	1.17%	0.167%
30	5.991	1520	1524	1527	rBV2	414	305	0.06%	0.008%
31	6.119	1550	1564	1582	rBV2	139336	283659	51.94%	7.425%
32	6.328	1627	1629	1633	rVB3	622	314	0.06%	0.008%
33	6.380	1641	1645	1648	rVB	471	381	0.07%	0.010%
34	6.492	1676	1680	1682	rBV2	390	304	0.06%	0.008%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Title : VOC Analysis

35	6.672	1733	1736	1739	rBV3	850	547	0.10%	0.014%
36	6.827	1774	1784	1794	rVB8	2699	5206	0.95%	0.136%
37	6.917	1809	1812	1814	rVB2	590	292	0.05%	0.008%
38	6.939	1814	1819	1824	rBV6	960	1115	0.20%	0.029%
39	7.032	1837	1848	1863	rBV2	47823	85178	15.60%	2.230%
40	7.193	1896	1898	1901	rVB2	867	459	0.08%	0.012%
41	7.261	1917	1919	1923	rBV2	554	303	0.06%	0.008%
42	7.360	1937	1950	1968	rBV	231507	406963	74.51%	10.653%
43	7.547	2006	2008	2011	rBV3	699	352	0.06%	0.009%
44	7.666	2035	2045	2057	rBV2	31927	54586	9.99%	1.429%
45	7.788	2078	2083	2084	rBV	686	441	0.08%	0.012%
46	8.016	2152	2154	2157	rBV4	1512	1034	0.19%	0.027%
47	8.138	2182	2192	2205	rBV2	25960	49145	9.00%	1.286%
48	8.238	2221	2223	2225	rBV2	736	384	0.07%	0.010%
49	8.280	2233	2236	2240	rBV2	1083	954	0.17%	0.025%
50	8.328	2249	2251	2253	rVV2	589	328	0.06%	0.009%
51	8.341	2253	2255	2257	rVV3	814	350	0.06%	0.009%
52	8.399	2269	2273	2276	rVB2	495	354	0.06%	0.009%
53	8.421	2276	2280	2281	rBV	836	422	0.08%	0.011%
54	8.534	2313	2315	2320	rBV3	680	364	0.07%	0.010%
55	8.759	2382	2385	2390	rBV4	634	609	0.11%	0.016%
56	8.798	2395	2397	2399	rVB2	846	342	0.06%	0.009%
57	8.826	2403	2406	2408	rBV2	579	390	0.07%	0.010%
58	8.897	2416	2428	2449	rBV	267119	445887	81.64%	11.672%
59	9.058	2473	2478	2487	rVB6	2114	2838	0.52%	0.074%
60	9.109	2490	2494	2498	rBV5	2610	2431	0.45%	0.064%
61	9.267	2535	2543	2549	rBV7	2206	3199	0.59%	0.084%
62	9.466	2602	2605	2608	rBV3	510	464	0.08%	0.012%
63	9.653	2661	2663	2668	rVB	513	335	0.06%	0.009%
64	9.688	2668	2674	2680	rBV5	891	1256	0.23%	0.033%
65	9.720	2681	2684	2685	rBV2	966	510	0.09%	0.013%
66	9.759	2694	2696	2699	rVB2	874	379	0.07%	0.010%
67	9.814	2710	2713	2716	rBV4	504	406	0.07%	0.011%
68	9.929	2747	2749	2752	rBV	563	416	0.08%	0.011%
69	9.968	2757	2761	2767	rVV7	967	1363	0.25%	0.036%
70	10.090	2796	2799	2800	rBV2	707	428	0.08%	0.011%
71	10.174	2816	2825	2835	rVB3	20847	34000	6.23%	0.890%

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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Title : VOC Analysis

72	10.261	2842	2852	2872	rBV	112430	184193	33.73%	4.822%
73	10.621	2957	2964	2967	rBV6	3118	4130	0.76%	0.108%
74	10.775	3009	3012	3013	rBV3	535	325	0.06%	0.009%
75	10.817	3016	3025	3035	rVV6	7952	13520	2.48%	0.354%
76	11.077	3099	3106	3118	rBV6	2686	4849	0.89%	0.127%
77	11.145	3120	3127	3134	rVV4	6565	8796	1.61%	0.230%
78	11.299	3164	3175	3191	rBV	168502	290615	53.21%	7.607%
79	11.556	3253	3255	3257	rBV	584	324	0.06%	0.008%
80	11.675	3281	3292	3309	rVV	161772	266165	48.73%	6.967%
81	11.746	3312	3314	3316	rBV2	746	305	0.06%	0.008%
82	11.833	3333	3341	3347	rBV8	2255	3671	0.67%	0.096%
83	12.408	3514	3520	3522	rBV4	661	540	0.10%	0.014%
84	12.505	3548	3550	3555	rBV2	481	394	0.07%	0.010%
85	12.559	3565	3567	3571	rVB	551	344	0.06%	0.009%
86	12.582	3571	3574	3577	rBV3	725	428	0.08%	0.011%
87	12.900	3669	3673	3677	rBV3	720	689	0.13%	0.018%
88	12.932	3681	3683	3687	rBV2	630	457	0.08%	0.012%
89	13.035	3710	3715	3718	rBV3	550	573	0.10%	0.015%
90	13.219	3768	3772	3774	rBV2	503	383	0.07%	0.010%
91	13.305	3796	3799	3802	rBV3	545	305	0.06%	0.008%
92	13.341	3806	3810	3814	rBV2	564	451	0.08%	0.012%
93	13.434	3836	3839	3843	rVB2	650	420	0.08%	0.011%
94	13.794	3945	3951	3962	rVB3	9418	13349	2.44%	0.349%
95	13.884	3974	3979	3986	rBV5	1410	1806	0.33%	0.047%
96	13.939	3992	3996	3998	rBV2	668	614	0.11%	0.016%
97	14.010	4015	4018	4021	rBV2	719	492	0.09%	0.013%
98	14.945	4306	4309	4311	rBV2	788	535	0.10%	0.014%
99	15.145	4369	4371	4373	rBV2	756	296	0.05%	0.008%
100	15.643	4523	4526	4529	rBV4	901	694	0.13%	0.018%

Sum of corrected areas: 3820159

LSC Report - Integrated Chromatogram

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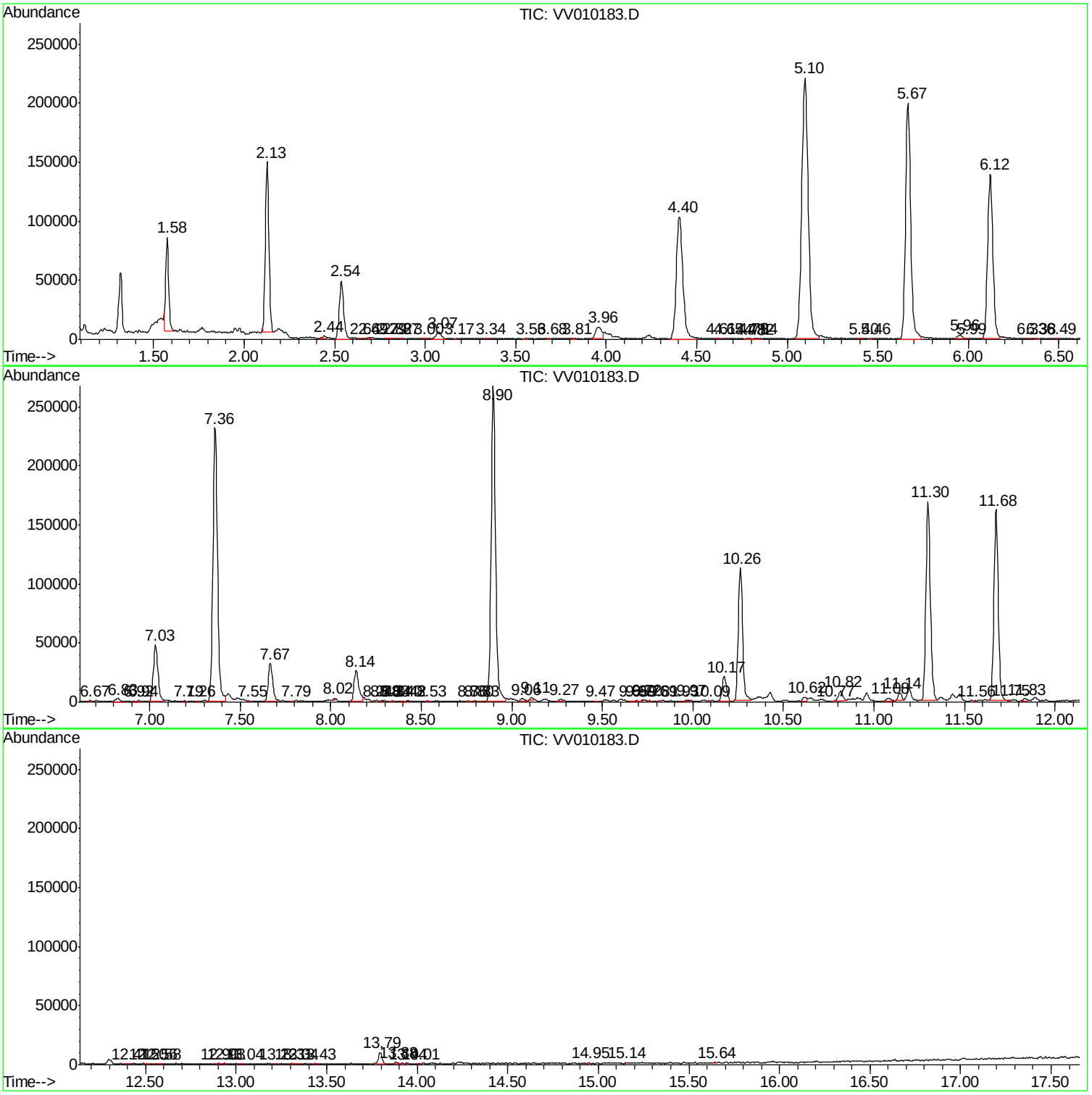
Instrument : MSVOA_V
ClientSampleId : BFC47

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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



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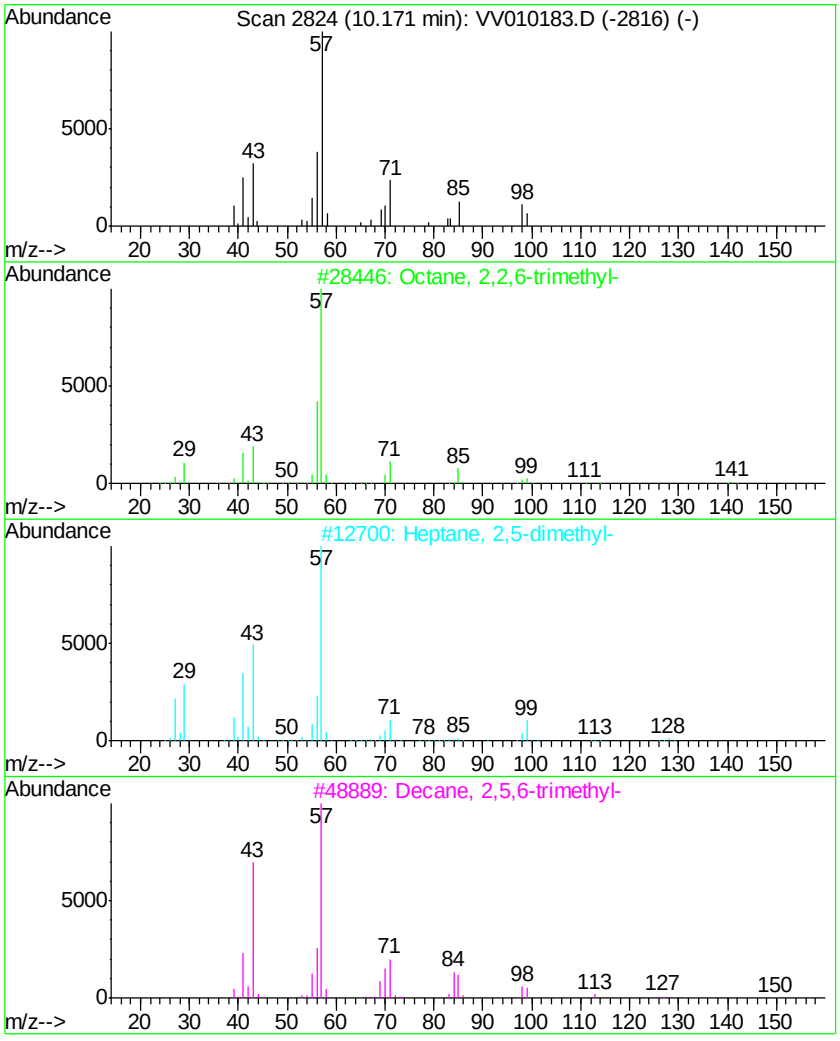
Quant Title : VOC Analysis

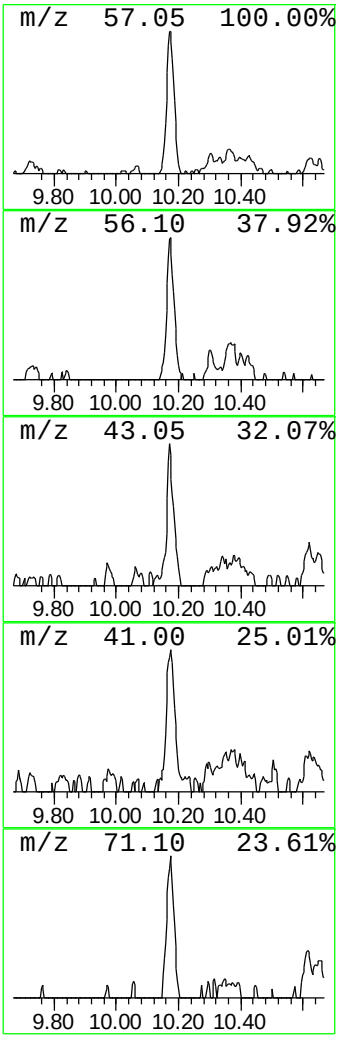
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	2.92 ug/L	34000	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	50
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	42
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	42
4	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	42
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	42





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	10.17	2.9	ug/L	34000	3	11.30	290615	25.0