LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092719\
Data File : VV013007.D
Acq On : 27 Sep 2019 12:20
Operator : SY/MD
Sample : K4984-12
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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\SOM2VLM092319S.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	1.318	63	71	92	rVB	353142	373938	15.09%	1.931%
2	1.582	146	153	169	rVB	305129	339767	13.71%	1.754%
3	2.129	313	323	343	rBV	566708	813008	32.81%	4.198%
4	2.315	377	381	382	rBV2	1557	1072	0.04%	0.006%
5	2.537	439	450	466	rBV	51884	90736	3.66%	0.468%
6	2.653	476	486	497	rBV2	11274	20657	0.83%	0.107%
7	2.801	526	532	536	rVB6	2225	2383	0.10%	0.012%
8	2.936	571	574	575	rVB2	901	453	0.02%	0.002%
9	2.974	575	586	598	rBV5	7171	14582	0.59%	0.075%
10	3.077	608	618	628	rBV6	6024	11980	0.48%	0.062%
11	3.164	641	645	649	rVB3	665	602	0.02%	0.003%
12	3.187	649	652	656	rBV4	602	591	0.02%	0.003%
13	3.235	664	667	671	rVB4	575	497	0.02%	0.003%
14	3.277	677	680	683	rVB3	813	573	0.02%	0.003%
15	3.322	690	694	696	rBV3	509	472	0.02%	0.002%
16	3.498	746	749	753	rVB2	605	494	0.02%	0.003%
17	3.540	758	762	765	rVV5	578	438	0.02%	0.002%
18	3.688	805	808	812	rVB2	835	699	0.03%	0.004%
19	3.711	812	815	817	rBV2	1128	679	0.03%	0.004%
20	3.788	832	839	844	rBV8	1915	2754	0.11%	0.014%
21	3.862	857	862	864	rBV3	745	603	0.02%	0.003%
22	3.961	872	893	937	rBV2	154804	676365	27.30%	3.492%
23	4.399	1012	1029	1058	rBV	410934	995615	40.18%	5.140%
24	4.958	1190	1203	1208	rBV10	1759	3494	0.14%	0.018%
25	5.093	1225	1245	1259	rBV2	990389	2477855	100.00%	12.793%
26	5.447	1348	1355	1356	rBV6	1120	1166	0.05%	0.006%
27	5.531	1377	1381	1382	rBV3	1220	699	0.03%	0.004%
28	5.662	1406	1422	1452	rBV	766853	1534355	61.92%	7.922%
29	5.945	1498	1510	1525	rVB3	32295	65270	2.63%	0.337%
30	6.116	1547	1563	1591	rBV	578888	1166054	47.06%	6.020%
31	6.424	1657	1659	1663	rVB4	956	596	0.02%	0.003%
32	6.518	1685	1688	1691	rVV2	760	553	0.02%	0.003%
33	6.601	1709	1714	1716	rBV3	459	464	0.02%	0.002%
34	6.653	1724	1730	1732	rBV4	1493	1419	0.06%	0.007%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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\SOM2VLM092319S.M
Title : VOC Analysis

35	6.698	1732	1744	1755	rVB2	21026	42236	1.70%	0.218%
36	6.820	1769	1782	1794	rBV2	51150	103712	4.19%	0.535%
37	7.029	1826	1847	1870	rBV	292430	546408	22.05%	2.821%
38	7.302	1920	1932	1938	rBV3	27751	52470	2.12%	0.271%
39	7.357	1938	1949	1968	rVB	1157014	1968461	79.44%	10.163%
40	7.662	2033	2044	2063	rBV	193733	333012	13.44%	1.719%
41	7.778	2074	2080	2081	rBV4	1349	1298	0.05%	0.007%
42	7.916	2116	2123	2131	rVV7	5822	9285	0.37%	0.048%
43	7.981	2131	2143	2164	rVB	50690	109174	4.41%	0.564%
44	8.135	2179	2191	2215	rBV	302470	614847	24.81%	3.175%
45	8.421	2269	2280	2286	rBV4	12542	21269	0.86%	0.110%
46	8.466	2286	2294	2307	rVB3	20037	37542	1.52%	0.194%
47	8.698	2357	2366	2379	rVB8	5668	10767	0.43%	0.056%
48	8.759	2382	2385	2388	rVB4	1316	1000	0.04%	0.005%
49	8.781	2388	2392	2394	rBV2	952	651	0.03%	0.003%
50	8.894	2414	2427	2452	rBV	1255958	2049766	82.72%	10.583%
51	9.051	2471	2476	2486	rVB6	6533	11290	0.46%	0.058%
52	9.135	2500	2502	2504	rBV4	748	450	0.02%	0.002%
53	9.186	2511	2518	2522	rVB8	2397	2715	0.11%	0.014%
54	9.241	2532	2535	2536	rBV3	1128	585	0.02%	0.003%
55	9.370	2572	2575	2577	rBV2	765	477	0.02%	0.002%
56	9.392	2579	2582	2588	rVB4	876	784	0.03%	0.004%
57	9.511	2614	2619	2621	rBV4	1138	907	0.04%	0.005%
58	9.588	2635	2643	2649	rBV9	2527	4484	0.18%	0.023%
59	9.701	2676	2678	2681	rVB3	973	517	0.02%	0.003%
60	9.730	2681	2687	2690	rBV4	647	670	0.03%	0.003%
61	9.855	2724	2726	2732	rBV4	382	457	0.02%	0.002%
62	9.907	2739	2742	2746	rBV3	815	639	0.03%	0.003%
63	9.948	2746	2755	2766	rBV8	6329	11311	0.46%	0.058%
64	10.067	2790	2792	2800	rVB7	694	627	0.03%	0.003%
65	10.106	2800	2804	2808	rBV3	999	925	0.04%	0.005%
66	10.164	2814	2822	2831	rBV7	1990	3230	0.13%	0.017%
67	10.257	2836	2851	2870	rBV	521081	819652	33.08%	4.232%
68	10.421	2891	2902	2915	rBV	54533	90254	3.64%	0.466%
69	10.495	2922	2925	2928	rBV3	832	663	0.03%	0.003%
70	10.582	2945	2952	2956	rBV8	1852	2659	0.11%	0.014%
71	10.617	2960	2963	2976	rVB7	2894	3871	0.16%	0.020%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

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\SOM2VLM092319S.M
Title : VOC Analysis

72	10.765	3003	3009	3010	rBV2	2179	1925	0.08%	0.010%
73	10.813	3020	3024	3034	rVB5	2792	3412	0.14%	0.018%
74	10.874	3038	3043	3051	rBV6	775	1101	0.04%	0.006%
75	10.961	3063	3070	3078	rBV7	3327	5030	0.20%	0.026%
76	11.141	3120	3126	3127	rBV2	825	592	0.02%	0.003%
77	11.186	3131	3140	3147	rBV2	5247	9080	0.37%	0.047%
78	11.292	3160	3173	3191	rBV	1214833	1904931	76.88%	9.835%
79	11.543	3249	3251	3256	rVB4	1183	649	0.03%	0.003%
80	11.582	3259	3263	3265	rBV4	1872	1428	0.06%	0.007%
81	11.669	3277	3290	3309	rBV	1203690	1888126	76.20%	9.749%
82	11.826	3337	3339	3342	rBV3	1659	911	0.04%	0.005%
83	11.881	3351	3356	3368	rVB8	5069	9238	0.37%	0.048%
84	11.942	3371	3375	3383	rVB6	2633	3325	0.13%	0.017%
85	12.222	3455	3462	3465	rBV6	1092	1419	0.06%	0.007%
86	12.292	3471	3484	3496	rBV2	18098	31790	1.28%	0.164%
87	12.521	3552	3555	3557	rBV3	953	554	0.02%	0.003%
88	12.601	3578	3580	3584	rBV4	735	537	0.02%	0.003%
89	12.656	3594	3597	3599	rBV3	977	553	0.02%	0.003%
90	12.694	3603	3609	3613	rBV6	2514	3247	0.13%	0.017%
91	12.845	3652	3656	3659	rBV3	941	795	0.03%	0.004%
92	12.932	3676	3683	3684	rBV6	1868	1872	0.08%	0.010%
93	13.212	3766	3770	3774	rBV5	986	1075	0.04%	0.006%
94	13.379	3819	3822	3825	rBV3	922	639	0.03%	0.003%
95	13.456	3843	3846	3850	rBV3	871	673	0.03%	0.003%
96	13.501	3857	3860	3863	rBV2	809	729	0.03%	0.004%
97	13.556	3873	3877	3889	rVB8	3299	4897	0.20%	0.025%
98	13.742	3929	3935	3937	rBV5	892	1016	0.04%	0.005%
99	13.791	3943	3950	3961	rVB3	18150	27250	1.10%	0.141%
100	14.707	4232	4235	4242	rVB6	1421	1458	0.06%	0.008%

Sum of corrected areas: 19368200

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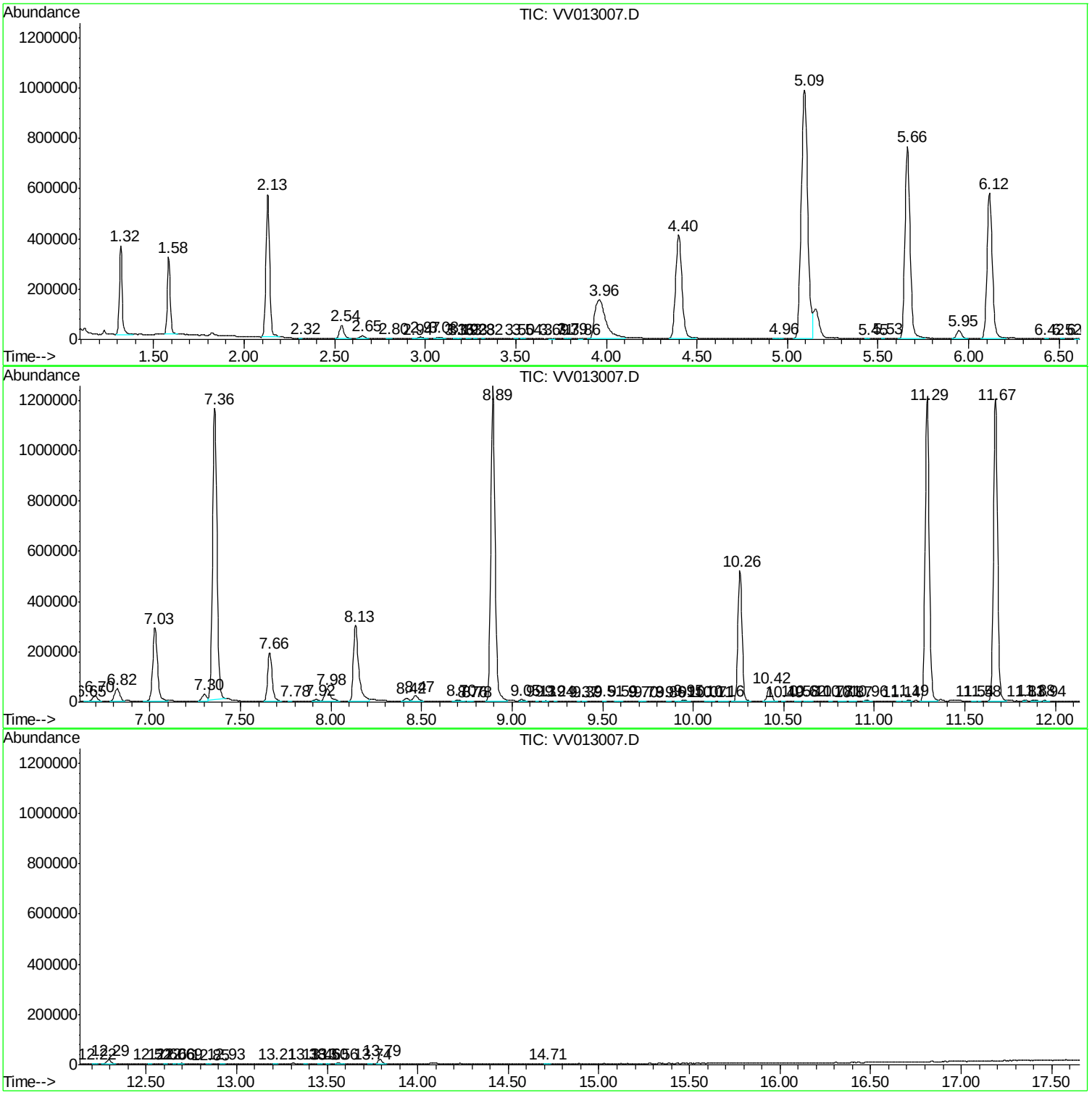
Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092719\
Data File : VV013007.D
Acq On : 27 Sep 2019 12:20
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

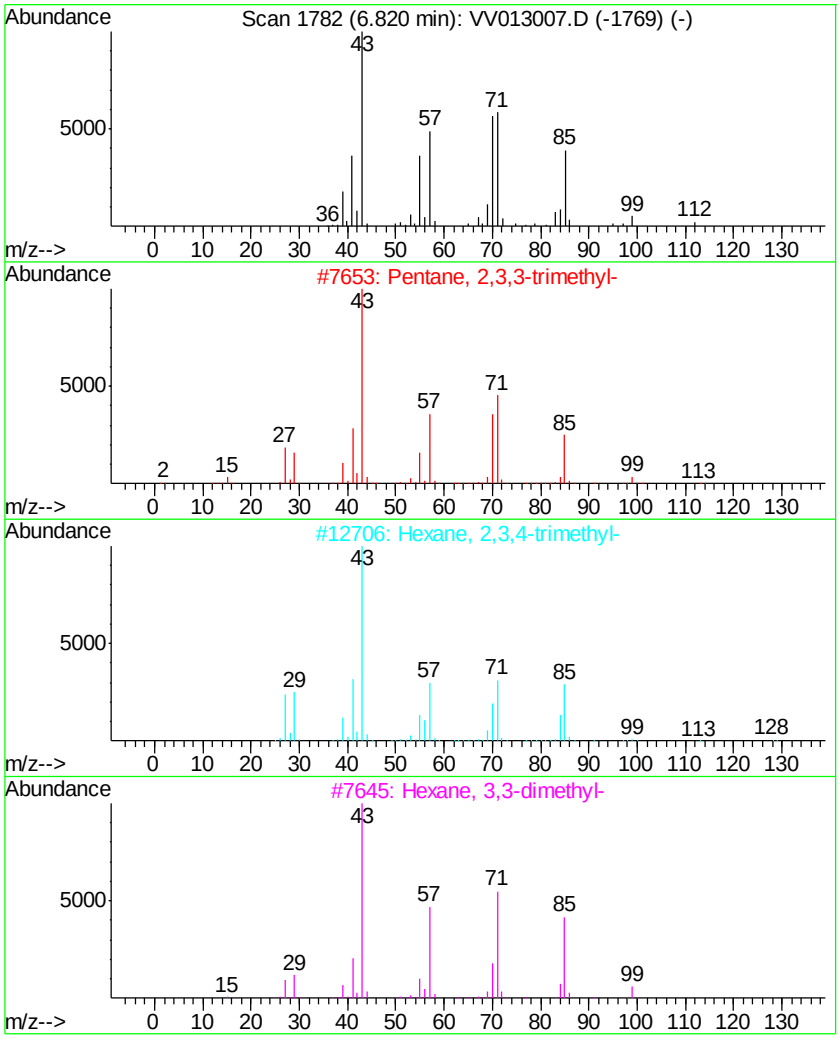
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

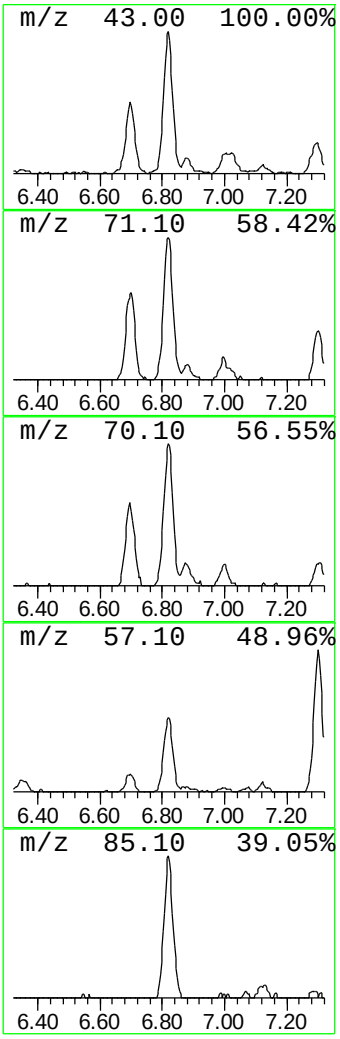
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	1.69 ug/L	103712	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	6.82	1.7	ug/L	103712	1	5.66	1534360	25.0