LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
Data File : VV009203.D
Acq On : 08 Jan 2019 19:41
Operator : SY/MD
Sample : VIBLK81
Misc : 5.00 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK81

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\SOM2VLM010819S.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	1.315	65	70	85	rVB	89903	91088	12.57%	1.648%
2	1.582	146	153	166	rBV	70287	79641	10.99%	1.441%
3	2.126	313	322	334	rBV	213766	297273	41.02%	5.379%
4	2.897	558	562	566	rBV	356	348	0.05%	0.006%
5	3.013	595	598	603	rVB2	219	191	0.03%	0.003%
6	3.113	626	629	632	rBV2	213	156	0.02%	0.003%
7	3.251	669	672	675	rBV	235	223	0.03%	0.004%
8	3.267	676	677	681	rVB	159	119	0.02%	0.002%
9	3.315	690	692	693	rBV	125	31	0.00%	0.001%
10	3.354	702	704	706	rBV	117	51	0.01%	0.001%
11	3.495	746	748	751	rBV	171	137	0.02%	0.002%
12	3.515	751	754	756	rBV2	208	173	0.02%	0.003%
13	3.566	767	770	771	rBV2	165	91	0.01%	0.002%
14	3.675	801	804	805	rBV2	159	66	0.01%	0.001%
15	3.724	817	819	821	rBV2	125	59	0.01%	0.001%
16	3.769	830	833	837	rBB	183	151	0.02%	0.003%
17	3.810	843	846	850	rVB	244	182	0.03%	0.003%
18	3.833	850	853	860	rVB2	146	155	0.02%	0.003%
19	3.865	860	863	865	rVB2	230	153	0.02%	0.003%
20	3.881	865	868	870	rBV	307	238	0.03%	0.004%
21	3.968	878	895	905	rBV2	26171	84133	11.61%	1.522%
22	4.402	1012	1030	1050	rBV	120234	290561	40.10%	5.258%
23	4.653	1101	1108	1109	rBV3	500	511	0.07%	0.009%
24	4.724	1128	1130	1133	rVB2	356	181	0.02%	0.003%
25	4.740	1133	1135	1136	rBV	241	132	0.02%	0.002%
26	4.939	1196	1197	1198	rBV	126	32	0.00%	0.001%
27	5.000	1214	1216	1224	rBV2	156	173	0.02%	0.003%
28	5.097	1227	1246	1260	rBV2	295934	724662	100.00%	13.112%
29	5.344	1320	1323	1325	rBV	192	123	0.02%	0.002%
30	5.357	1325	1327	1333	rVB2	177	146	0.02%	0.003%
31	5.389	1333	1337	1338	rBV2	184	135	0.02%	0.002%
32	5.444	1351	1354	1357	rBV	287	195	0.03%	0.004%
33	5.495	1367	1370	1374	rVB	210	141	0.02%	0.003%
34	5.515	1374	1376	1379	rBV2	268	197	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
Data File : VV009203.D
Acq On : 08 Jan 2019 19:41
Operator : SY/MD
Sample : VIBLK81
Misc : 5.00 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK81

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\SOM2VLM010819S.M
Title : VOC Analysis

35	5.553	1386	1388	1390	rBV	176	55	0.01%	0.001%
36	5.611	1404	1406	1408	rBV	131	77	0.01%	0.001%
37	5.662	1408	1422	1445	rVV	236178	471705	65.09%	8.535%
38	5.907	1495	1498	1502	rBV2	344	301	0.04%	0.005%
39	5.949	1502	1511	1512	rBV3	2240	2765	0.38%	0.050%
40	6.039	1537	1539	1541	rVB2	278	107	0.01%	0.002%
41	6.119	1549	1564	1590	rBV	160041	318690	43.98%	5.767%
42	6.302	1619	1621	1626	rBV2	269	187	0.03%	0.003%
43	6.508	1682	1685	1687	rBV	293	214	0.03%	0.004%
44	6.572	1702	1705	1708	rBV	205	160	0.02%	0.003%
45	6.611	1715	1717	1720	rBV	257	120	0.02%	0.002%
46	6.650	1726	1729	1731	rBV2	174	143	0.02%	0.003%
47	6.698	1734	1744	1754	rVV3	4099	8117	1.12%	0.147%
48	6.820	1771	1782	1795	rVB2	13253	26004	3.59%	0.471%
49	6.887	1795	1803	1808	rBV3	552	829	0.11%	0.015%
50	7.029	1835	1847	1871	rBV	90546	165329	22.81%	2.992%
51	7.302	1922	1932	1938	rBV2	6510	11065	1.53%	0.200%
52	7.360	1939	1950	1967	rVB	354790	606852	83.74%	10.981%
53	7.608	2026	2027	2028	rBV	235	72	0.01%	0.001%
54	7.666	2033	2045	2064	rBV	60438	104370	14.40%	1.889%
55	7.987	2135	2145	2159	rVB3	10005	18185	2.51%	0.329%
56	8.148	2183	2195	2236	rBV2	90696	203451	28.08%	3.681%
57	8.344	2254	2256	2257	rBV	214	87	0.01%	0.002%
58	8.412	2275	2277	2278	rBV	313	125	0.02%	0.002%
59	8.473	2292	2296	2297	rBV	746	569	0.08%	0.010%
60	8.521	2309	2311	2315	rVB	216	112	0.02%	0.002%
61	8.543	2315	2318	2321	rBV2	192	199	0.03%	0.004%
62	8.604	2334	2337	2339	rBV	292	144	0.02%	0.003%
63	8.801	2394	2398	2404	rVB2	218	255	0.04%	0.005%
64	8.829	2404	2407	2409	rBV2	236	189	0.03%	0.003%
65	8.897	2415	2428	2452	rBV	349417	603113	83.23%	10.913%
66	9.225	2527	2530	2535	rBV2	222	204	0.03%	0.004%
67	9.376	2571	2577	2579	rBV2	258	284	0.04%	0.005%
68	9.643	2659	2660	2662	rBV	169	39	0.01%	0.001%
69	9.756	2692	2695	2700	rVB2	200	184	0.03%	0.003%
70	9.784	2701	2704	2708	rBV2	220	182	0.03%	0.003%
71	9.807	2708	2711	2713	rBV	266	200	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010819\
Data File : VV009203.D
Acq On : 08 Jan 2019 19:41
Operator : SY/MD
Sample : VIBLK81
Misc : 5.00 G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK81

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\SOM2VLM010819S.M
Title : VOC Analysis

72	9.942	2749	2753	2758	rBV3	341	364	0.05%	0.007%
73	10.038	2781	2783	2786	rBV	142	74	0.01%	0.001%
74	10.080	2792	2796	2799	rBV	248	250	0.03%	0.005%
75	10.167	2821	2823	2825	rBV2	368	198	0.03%	0.004%
76	10.264	2841	2853	2871	rVB	168295	263880	36.41%	4.775%
77	10.334	2873	2875	2876	rBV	146	41	0.01%	0.001%
78	10.428	2896	2904	2917	rVB2	16264	26632	3.68%	0.482%
79	10.501	2925	2927	2932	rVB2	334	208	0.03%	0.004%
80	10.579	2949	2951	2955	rBV2	220	155	0.02%	0.003%
81	10.601	2955	2958	2961	rBV	191	136	0.02%	0.002%
82	10.624	2963	2965	2970	rVB2	479	343	0.05%	0.006%
83	10.768	3004	3010	3013	rBV	510	383	0.05%	0.007%
84	11.003	3081	3083	3086	rBV	181	129	0.02%	0.002%
85	11.193	3135	3142	3149	rBV5	1525	2212	0.31%	0.040%
86	11.228	3149	3153	3159	rVB3	1126	1217	0.17%	0.022%
87	11.296	3162	3174	3192	rBV	351705	551834	76.15%	9.985%
88	11.508	3238	3240	3241	rBV	280	122	0.02%	0.002%
89	11.672	3279	3291	3306	rBV	345035	549146	75.78%	9.937%
90	11.839	3338	3343	3347	rVB3	976	940	0.13%	0.017%
91	11.884	3351	3357	3367	rBV2	1472	1992	0.27%	0.036%
92	11.939	3371	3374	3377	rBV	432	260	0.04%	0.005%
93	12.694	3605	3609	3614	rBV2	896	944	0.13%	0.017%
94	12.977	3693	3697	3702	rBV2	386	465	0.06%	0.008%
95	13.800	3947	3953	3960	rVB2	6374	8084	1.12%	0.146%

Sum of corrected areas: 5526541

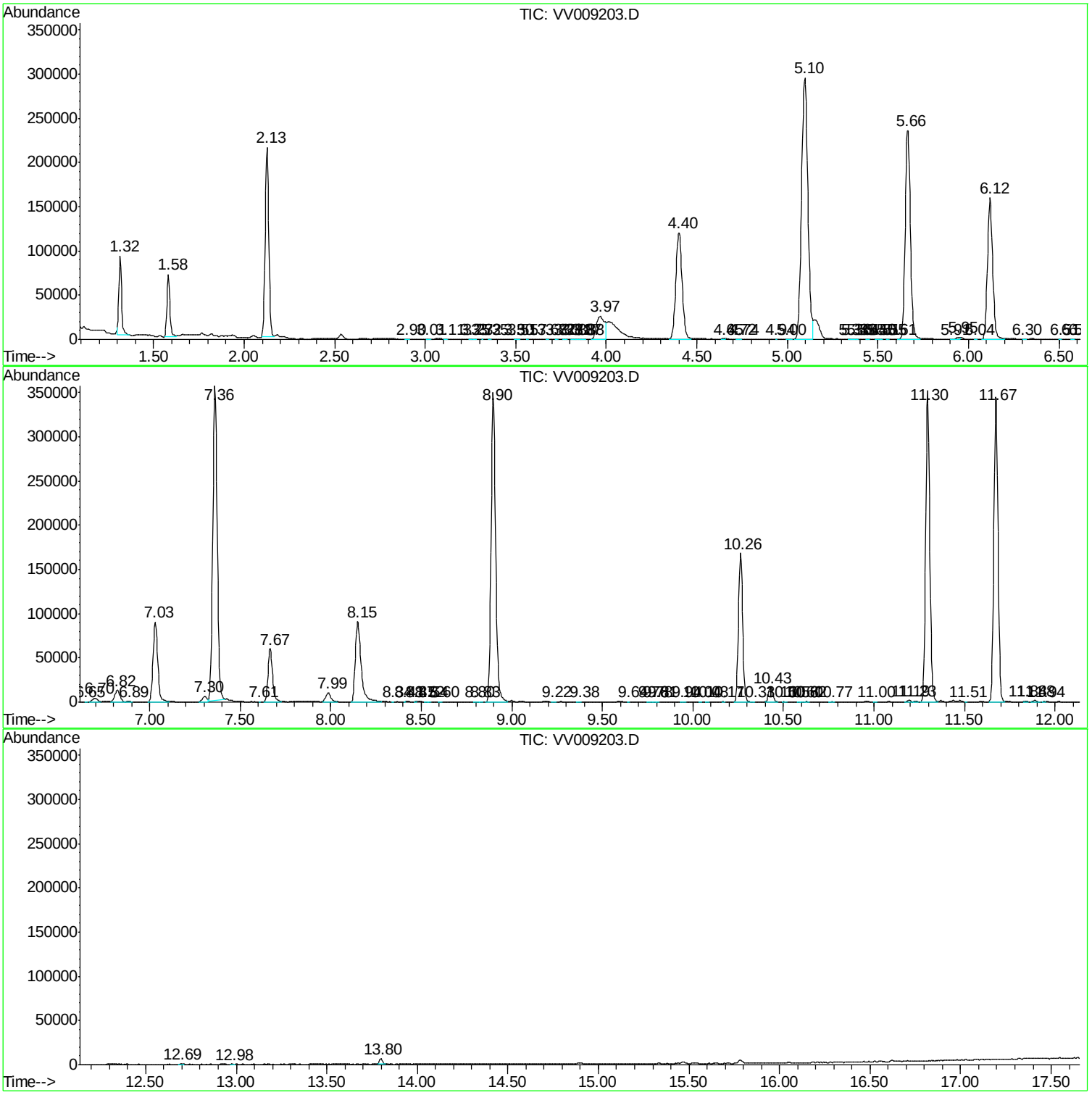
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010819\
Data File : VV009203.D
Acq On : 08 Jan 2019 19:41
Operator : SY/MD
Sample : VIBLK81
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK81

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.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\VV010819\
Data File : VV009203.D
Acq On : 08 Jan 2019 19:41
Operator : SY/MD
Sample : VIBLK81
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK81

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
Quant Title : VOC Analysis

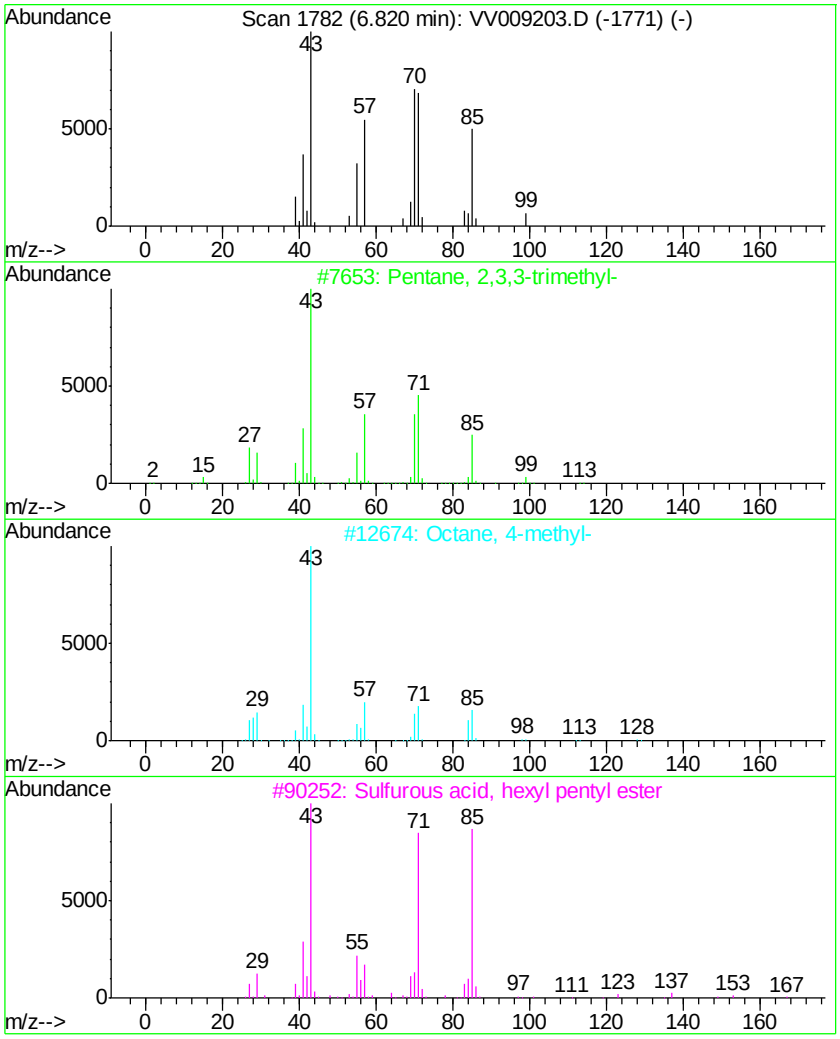
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

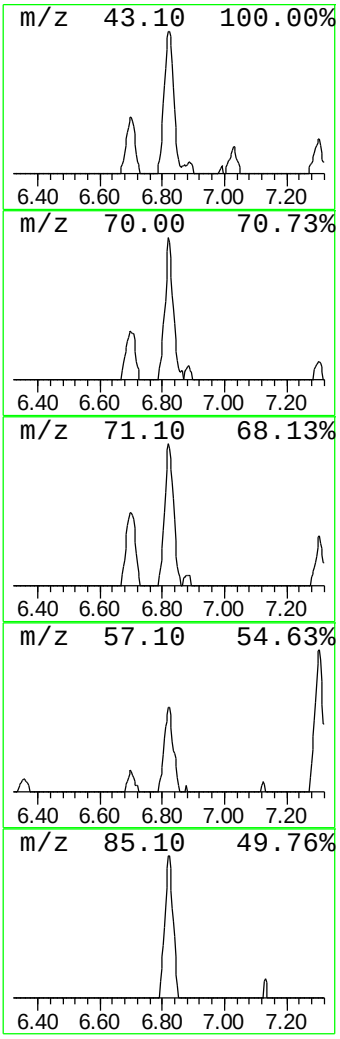
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	1.38 ug/L	26004	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	83
2	Octane, 4-methyl-	128	C9H20	002216-34-4	78
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010819\
Data File : VV009203.D
Acq On : 08 Jan 2019 19:41
Operator : SY/MD
Sample : VIBLK81
Misc : 5.00 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK81

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
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	1.4	ug/L	26004	1	5.66	471705	25.0