LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV093020\
Data File : VV018574.D
Acq On : 30 Sep 2020 17:03
Operator : SY/MD
Sample : L4117-16DL 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA4DL

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\SOMVLM092920WMA.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	64	70	81	rVB	150731	145541	11.40%	1.240%
2	1.579	145	152	164	rBV	147366	163382	12.80%	1.391%
3	2.122	311	321	350	rVB	287346	443382	34.74%	3.776%
4	2.302	374	377	378	rBV	601	377	0.03%	0.003%
5	2.483	428	433	435	rBV2	417	402	0.03%	0.003%
6	2.547	438	453	467	rVB5	8466	22688	1.78%	0.193%
7	2.624	474	477	480	rBV3	377	340	0.03%	0.003%
8	2.692	495	498	500	rVB2	332	169	0.01%	0.001%
9	2.711	503	504	509	rVB2	314	222	0.02%	0.002%
10	2.782	512	526	544	rBV	56644	105319	8.25%	0.897%
11	2.872	552	554	558	rBV2	395	243	0.02%	0.002%
12	2.939	570	575	577	rBV2	316	269	0.02%	0.002%
13	3.064	600	614	634	rBV2	35079	72509	5.68%	0.618%
14	3.216	658	661	666	rBV2	241	192	0.02%	0.002%
15	3.492	744	747	751	rBV2	221	217	0.02%	0.002%
16	3.550	762	765	766	rBV2	961	585	0.05%	0.005%
17	3.672	800	803	804	rBV2	727	411	0.03%	0.004%
18	3.788	828	839	859	rVB5	5095	12367	0.97%	0.105%
19	3.923	867	881	916	rBV	100008	349990	27.42%	2.981%
20	4.376	1005	1022	1044	rBV	204884	501343	39.28%	4.270%
21	4.663	1108	1111	1115	rBV2	248	194	0.02%	0.002%
22	4.688	1115	1119	1120	rBV	401	231	0.02%	0.002%
23	4.798	1150	1153	1157	rBV3	281	207	0.02%	0.002%
24	4.859	1166	1172	1174	rBV2	472	361	0.03%	0.003%
25	5.003	1214	1217	1220	rBV	321	257	0.02%	0.002%
26	5.071	1220	1238	1266	rBV2	499164	1276278	100.00%	10.870%
27	5.376	1330	1333	1334	rBV	398	205	0.02%	0.002%
28	5.444	1347	1354	1356	rBV3	459	547	0.04%	0.005%
29	5.515	1370	1376	1380	rBV2	496	546	0.04%	0.005%
30	5.576	1392	1395	1398	rVB2	279	191	0.01%	0.002%
31	5.640	1402	1415	1441	rBV	447768	897299	70.31%	7.642%
32	5.849	1478	1480	1483	rBV2	348	242	0.02%	0.002%
33	5.939	1493	1508	1538	rBV2	445986	900278	70.54%	7.667%
34	6.093	1544	1556	1578	rVB	286497	575146	45.06%	4.898%

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA4DL

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\SOMVLM092920WMA.M
Title : VOC Analysis

35	6.399	1648	1651	1653	rBV	314	168	0.01%	0.001%
36	6.585	1707	1709	1713	rVB2	337	177	0.01%	0.002%
37	6.646	1725	1728	1730	rBV2	279	182	0.01%	0.002%
38	6.669	1730	1735	1738	rBV5	752	786	0.06%	0.007%
39	6.807	1765	1778	1784	rBV6	1051	1827	0.14%	0.016%
40	6.939	1811	1819	1827	rBV5	2464	3962	0.31%	0.034%
41	7.006	1830	1840	1861	rVV	164379	293661	23.01%	2.501%
42	7.212	1902	1904	1906	rBV	348	166	0.01%	0.001%
43	7.280	1913	1925	1932	rBV5	4077	8121	0.64%	0.069%
44	7.338	1932	1943	1971	rVB	601714	1028090	80.55%	8.756%
45	7.592	2015	2022	2028	rBV5	4555	7198	0.56%	0.061%
46	7.643	2028	2038	2061	rVB	114679	201637	15.80%	1.717%
47	7.810	2087	2090	2093	rBV2	763	512	0.04%	0.004%
48	7.839	2096	2099	2103	rVB3	442	286	0.02%	0.002%
49	7.865	2103	2107	2110	rBV	363	291	0.02%	0.002%
50	7.897	2114	2117	2119	rBV2	997	652	0.05%	0.006%
51	7.955	2132	2135	2141	rBV2	386	299	0.02%	0.003%
52	8.000	2141	2149	2157	rVB6	1366	1943	0.15%	0.017%
53	8.109	2170	2183	2214	rBV2	299102	589772	46.21%	5.023%
54	8.466	2290	2294	2296	rBV2	396	274	0.02%	0.002%
55	8.563	2320	2324	2325	rBV	373	210	0.02%	0.002%
56	8.595	2332	2334	2337	rBV3	650	320	0.03%	0.003%
57	8.682	2359	2361	2364	rBV4	896	562	0.04%	0.005%
58	8.813	2396	2402	2406	rBV3	905	1031	0.08%	0.009%
59	8.871	2409	2420	2448	rBV	688771	1114223	87.30%	9.489%
60	9.096	2486	2490	2494	rBV3	530	518	0.04%	0.004%
61	9.141	2500	2504	2506	rBV2	564	398	0.03%	0.003%
62	9.174	2506	2514	2519	rBV7	1699	2489	0.20%	0.021%
63	9.228	2526	2531	2539	rBV6	1855	2541	0.20%	0.022%
64	9.309	2552	2556	2558	rVB2	418	223	0.02%	0.002%
65	9.347	2564	2568	2571	rBV2	275	215	0.02%	0.002%
66	9.383	2576	2579	2586	rVB3	611	494	0.04%	0.004%
67	9.495	2607	2614	2623	rVB7	1568	2604	0.20%	0.022%
68	9.569	2632	2637	2640	rBV3	746	691	0.05%	0.006%
69	9.694	2674	2676	2679	rBV2	381	255	0.02%	0.002%
70	9.727	2682	2686	2696	rVB5	1359	2140	0.17%	0.018%
71	9.820	2711	2715	2718	rBV3	1304	1036	0.08%	0.009%

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA4DL

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\SOMVLM092920WMA.M
Title : VOC Analysis

72	9.862	2723	2728	2729	rBV	817	603	0.05%	0.005%
73	9.936	2749	2751	2753	rBV	359	198	0.02%	0.002%
74	10.039	2776	2783	2791	rBV7	1862	2536	0.20%	0.022%
75	10.238	2831	2845	2861	rBV	383354	603424	47.28%	5.139%
76	10.376	2883	2888	2896	rVB3	5421	7633	0.60%	0.065%
77	10.469	2908	2917	2924	rBV2	19910	34548	2.71%	0.294%
78	10.759	2998	3007	3025	rBB2	5146	9097	0.71%	0.077%
79	10.839	3029	3032	3033	rBV2	552	301	0.02%	0.003%
80	10.897	3043	3050	3055	rBV5	2338	3664	0.29%	0.031%
81	10.939	3055	3063	3072	rVB	28693	43167	3.38%	0.368%
82	11.270	3155	3166	3187	rBV	756295	1154594	90.47%	9.833%
83	11.518	3241	3243	3246	rBV2	494	222	0.02%	0.002%
84	11.646	3272	3283	3303	rVB	687777	1084298	84.96%	9.235%
85	11.939	3367	3374	3375	rBV5	2778	2929	0.23%	0.025%
86	12.260	3469	3474	3475	rBV2	1657	1111	0.09%	0.009%
87	12.389	3508	3514	3515	rBV3	1796	1724	0.14%	0.015%
88	12.489	3540	3545	3555	rVB3	6232	7722	0.61%	0.066%
89	12.575	3565	3572	3577	rBV5	2553	3371	0.26%	0.029%
90	12.749	3619	3626	3636	rBV4	4467	5842	0.46%	0.050%
91	12.823	3642	3649	3656	rBV5	1872	2475	0.19%	0.021%
92	12.871	3658	3664	3668	rBV6	2945	3434	0.27%	0.029%
93	13.026	3705	3712	3718	rBV3	4828	6316	0.49%	0.054%
94	13.292	3787	3795	3802	rBV6	9040	13563	1.06%	0.116%
95	13.424	3829	3836	3844	rVB6	2740	4032	0.32%	0.034%
96	13.456	3844	3846	3849	rBV	425	254	0.02%	0.002%
97	13.489	3850	3856	3858	rBV4	1244	1334	0.10%	0.011%
98	13.607	3889	3893	3896	rBV2	845	659	0.05%	0.006%
99	13.990	4010	4012	4016	rBV3	566	391	0.03%	0.003%
100	14.781	4254	4258	4260	rBV2	612	486	0.04%	0.004%

Sum of corrected areas: 11741812

LSC Report - Integrated Chromatogram

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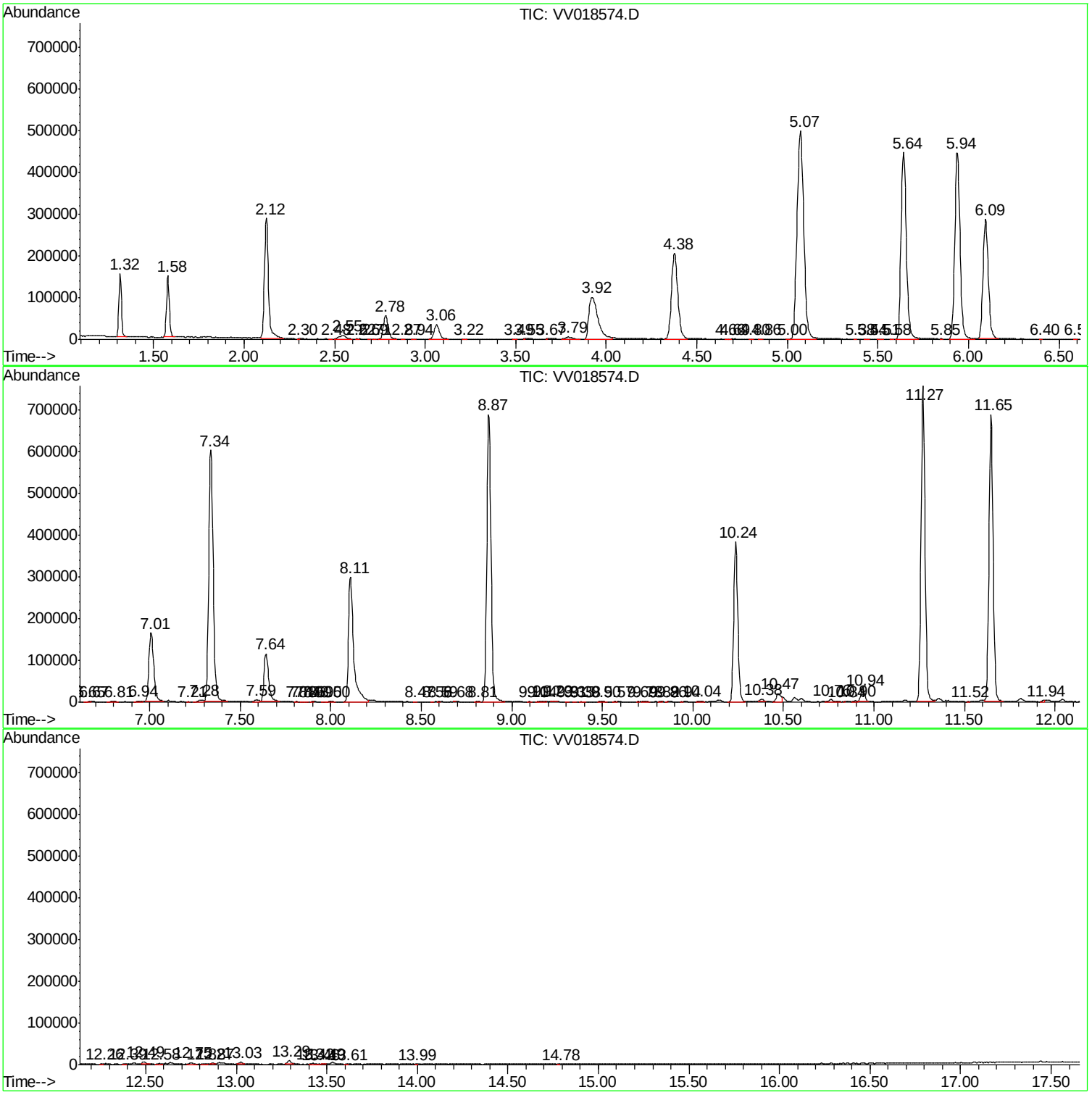
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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\VV093020\
Data File : VV018574.D
Acq On : 30 Sep 2020 17:03
Operator : SY/MD
Sample : L4117-16DL 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E0AA4DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

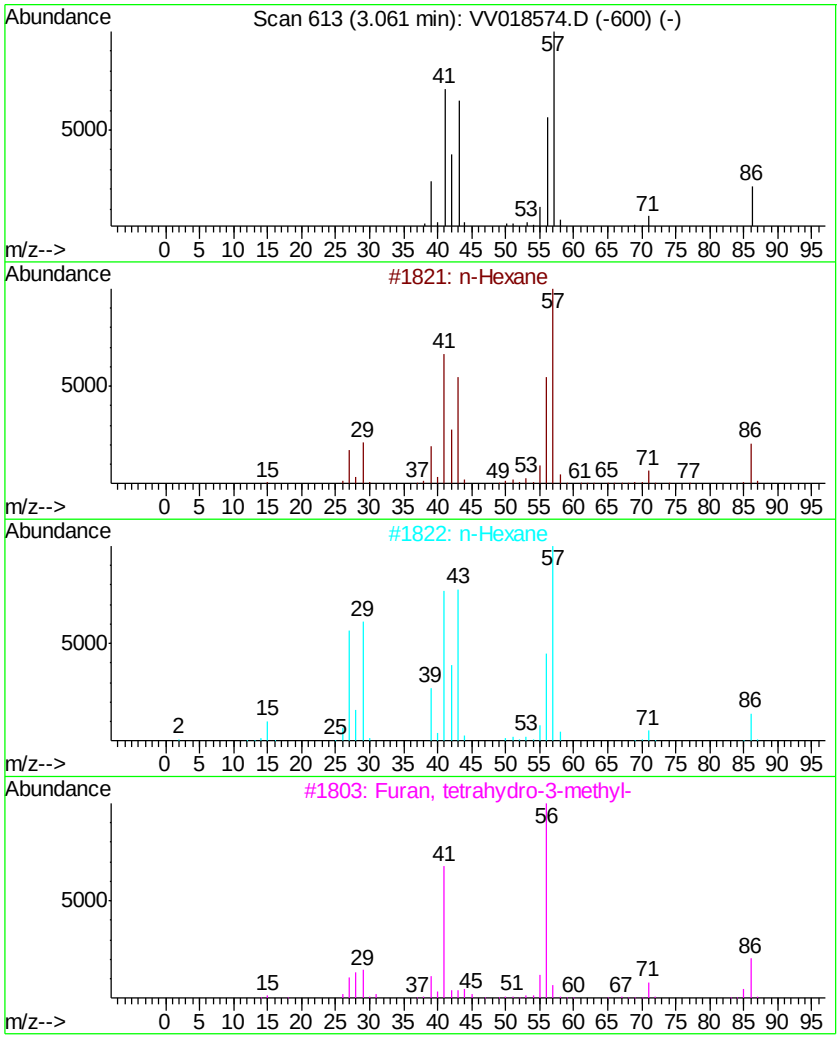
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

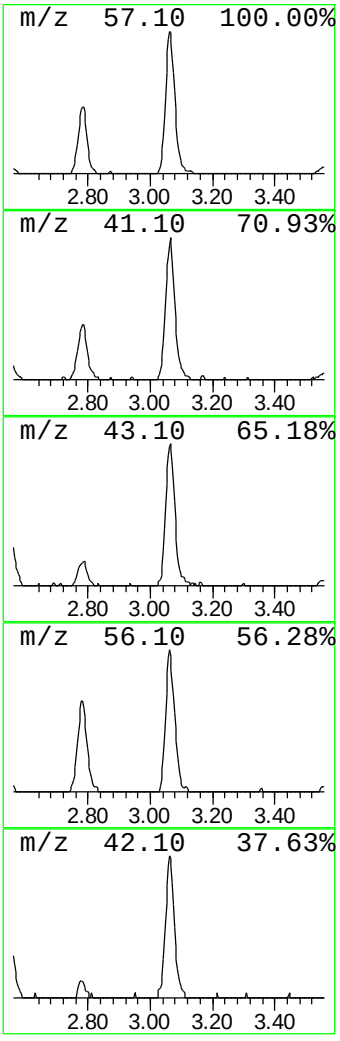
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	4.04 ug/L	72509	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	59
3	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	53
4	n-Hexane	86	C6H14	000110-54-3	45
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093020\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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...	3.06	4.0	ug/L	72509	1	5.64	897299	50.0