LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022119\
Data File : VV009325.D
Acq On : 21 Feb 2019 15:20
Operator : SY/MD
Sample : K1553-10
Misc : 4.80G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5X5

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\SOM2VLM022019S.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	80	rVB	78255	82337	16.80%	2.048%
2	1.576	147	151	168	rVB	124555	143221	29.21%	3.562%
3	2.126	314	322	348	rVB	195951	301819	61.57%	7.506%
4	2.428	413	416	418	rBV2	559	389	0.08%	0.010%
5	2.537	441	450	463	rVB3	14639	24364	4.97%	0.606%
6	2.608	468	472	477	rVB4	574	596	0.12%	0.015%
7	2.650	477	485	489	rBV4	1289	1953	0.40%	0.049%
8	2.772	521	523	525	rBV	476	264	0.05%	0.007%
9	2.798	525	531	536	rVB5	1005	1229	0.25%	0.031%
10	2.978	582	587	590	rBV4	608	556	0.11%	0.014%
11	3.023	599	601	604	rBV	506	242	0.05%	0.006%
12	3.074	604	617	633	rVV3	18964	38783	7.91%	0.965%
13	3.161	641	644	647	rBV3	446	323	0.07%	0.008%
14	3.222	658	663	669	rVB2	586	700	0.14%	0.017%
15	3.460	733	737	742	rBV3	466	475	0.10%	0.012%
16	3.602	776	781	785	rBV3	526	530	0.11%	0.013%
17	3.740	818	824	828	rBV3	646	487	0.10%	0.012%
18	3.801	841	843	846	rVB2	594	332	0.07%	0.008%
19	3.862	857	862	866	rBV3	417	401	0.08%	0.010%
20	3.946	878	888	905	rBV3	14720	46602	9.51%	1.159%
21	4.261	984	986	989	rBV	411	260	0.05%	0.006%
22	4.402	1013	1030	1056	rBV	82180	201185	41.04%	5.004%
23	4.556	1074	1078	1080	rBV2	468	411	0.08%	0.010%
24	4.704	1120	1124	1126	rBV3	494	375	0.08%	0.009%
25	4.865	1170	1174	1176	rBV	425	273	0.06%	0.007%
26	4.955	1198	1202	1204	rBV2	367	246	0.05%	0.006%
27	5.097	1228	1246	1274	rBV2	197394	490238	100.00%	12.192%
28	5.335	1317	1320	1326	rBV2	397	331	0.07%	0.008%
29	5.544	1382	1385	1392	rVB3	541	583	0.12%	0.014%
30	5.663	1407	1422	1453	rBV	160729	329971	67.31%	8.206%
31	5.946	1505	1510	1512	rBV3	927	691	0.14%	0.017%
32	5.997	1524	1526	1531	rBV	346	329	0.07%	0.008%
33	6.119	1550	1564	1585	rBV	112852	228318	46.57%	5.678%
34	6.290	1612	1617	1621	rBV4	419	442	0.09%	0.011%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOM2VLM022019S.M
Title : VOC Analysis

35	6.380	1639	1645	1646	rBV2	304	294	0.06%	0.007%
36	6.441	1661	1664	1667	rVB2	445	274	0.06%	0.007%
37	6.518	1685	1688	1693	rBV3	343	265	0.05%	0.007%
38	6.621	1718	1720	1724	rBV2	349	314	0.06%	0.008%
39	7.029	1832	1847	1864	rBV	68217	124463	25.39%	3.095%
40	7.238	1906	1912	1915	rBV3	300	314	0.06%	0.008%
41	7.286	1924	1927	1929	rBV4	617	426	0.09%	0.011%
42	7.360	1938	1950	1970	rBV	236251	417211	85.10%	10.376%
43	7.579	2015	2018	2021	rVB2	727	399	0.08%	0.010%
44	7.662	2031	2044	2061	rBV	44129	76607	15.63%	1.905%
45	8.055	2163	2166	2169	rBV3	416	376	0.08%	0.009%
46	8.138	2180	2192	2220	rVV	63954	121432	24.77%	3.020%
47	8.347	2254	2257	2261	rBV2	537	457	0.09%	0.011%
48	8.453	2285	2290	2291	rBV3	646	502	0.10%	0.012%
49	8.466	2291	2294	2306	rVB6	1382	1929	0.39%	0.048%
50	8.633	2342	2346	2348	rVB2	484	330	0.07%	0.008%
51	8.650	2348	2351	2354	rVB3	363	242	0.05%	0.006%
52	8.762	2383	2386	2389	rBV3	530	301	0.06%	0.007%
53	8.897	2416	2428	2446	rBV	247798	421057	85.89%	10.472%
54	9.051	2472	2476	2477	rBV	400	240	0.05%	0.006%
55	9.064	2478	2480	2485	rVB2	473	243	0.05%	0.006%
56	9.193	2511	2520	2525	rBV5	754	1073	0.22%	0.027%
57	9.289	2546	2550	2554	rVB2	520	371	0.08%	0.009%
58	9.434	2592	2595	2598	rBV3	499	338	0.07%	0.008%
59	9.592	2641	2644	2648	rBV3	504	338	0.07%	0.008%
60	9.704	2675	2679	2682	rBV2	459	352	0.07%	0.009%
61	9.727	2682	2686	2690	rBV3	492	430	0.09%	0.011%
62	9.797	2703	2708	2710	rBV	429	254	0.05%	0.006%
63	9.823	2710	2716	2719	rVV3	492	471	0.10%	0.012%
64	9.852	2720	2725	2728	rVV4	539	387	0.08%	0.010%
65	9.900	2735	2740	2742	rBV4	682	529	0.11%	0.013%
66	10.264	2841	2853	2871	rVB	105628	167211	34.11%	4.159%
67	10.431	2894	2905	2917	rVB4	4329	7625	1.56%	0.190%
68	10.508	2925	2929	2933	rVB2	282	305	0.06%	0.008%
69	10.608	2958	2960	2963	rBV2	328	247	0.05%	0.006%
70	10.627	2964	2966	2973	rVB4	595	440	0.09%	0.011%
71	10.740	2997	3001	3004	rBV2	439	331	0.07%	0.008%

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Smoothing : OFF Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Title : VOC Analysis

72	10.775	3009	3012	3014	rBV	422	249	0.05%	0.006%
73	10.852	3031	3036	3041	rVB3	363	395	0.08%	0.010%
74	10.961	3064	3070	3074	rVV6	883	1157	0.24%	0.029%
75	11.045	3094	3096	3100	rBV	396	319	0.07%	0.008%
76	11.190	3135	3141	3146	rVV4	980	1287	0.26%	0.032%
77	11.238	3148	3156	3163	rVV3	10481	15692	3.20%	0.390%
78	11.296	3164	3174	3190	rVB	242990	389204	79.39%	9.680%
79	11.424	3209	3214	3215	rBV	533	390	0.08%	0.010%
80	11.598	3265	3268	3270	rBV	555	375	0.08%	0.009%
81	11.672	3279	3291	3309	rBV	222846	355235	72.46%	8.835%
82	11.801	3325	3331	3333	rBV2	433	339	0.07%	0.008%
83	11.817	3333	3336	3339	rBV2	307	263	0.05%	0.007%
84	11.852	3345	3347	3352	rBV2	388	355	0.07%	0.009%
85	11.900	3360	3362	3367	rBV3	658	625	0.13%	0.016%
86	12.032	3400	3403	3409	rVB3	446	310	0.06%	0.008%
87	12.061	3409	3412	3416	rBV3	391	295	0.06%	0.007%
88	12.456	3531	3535	3538	rVB2	318	330	0.07%	0.008%
89	12.505	3547	3550	3552	rBV2	425	283	0.06%	0.007%
90	12.791	3634	3639	3641	rBV3	688	521	0.11%	0.013%
91	12.842	3651	3655	3658	rBV	491	296	0.06%	0.007%
92	12.865	3658	3662	3665	rVV3	384	311	0.06%	0.008%
93	12.881	3665	3667	3670	rVV2	473	241	0.05%	0.006%
94	13.186	3758	3762	3764	rBV3	302	240	0.05%	0.006%
95	13.411	3826	3832	3834	rBV4	311	354	0.07%	0.009%
96	13.543	3868	3873	3877	rBV3	395	389	0.08%	0.010%
97	13.640	3900	3903	3907	rVB	456	275	0.06%	0.007%
98	13.797	3946	3952	3959	rVB6	1724	2591	0.53%	0.064%
99	13.910	3984	3987	3990	rBV	460	423	0.09%	0.011%
100	15.566	4499	4502	4506	rBV2	660	485	0.10%	0.012%

Sum of corrected areas: 4020863

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ClientSampleId :
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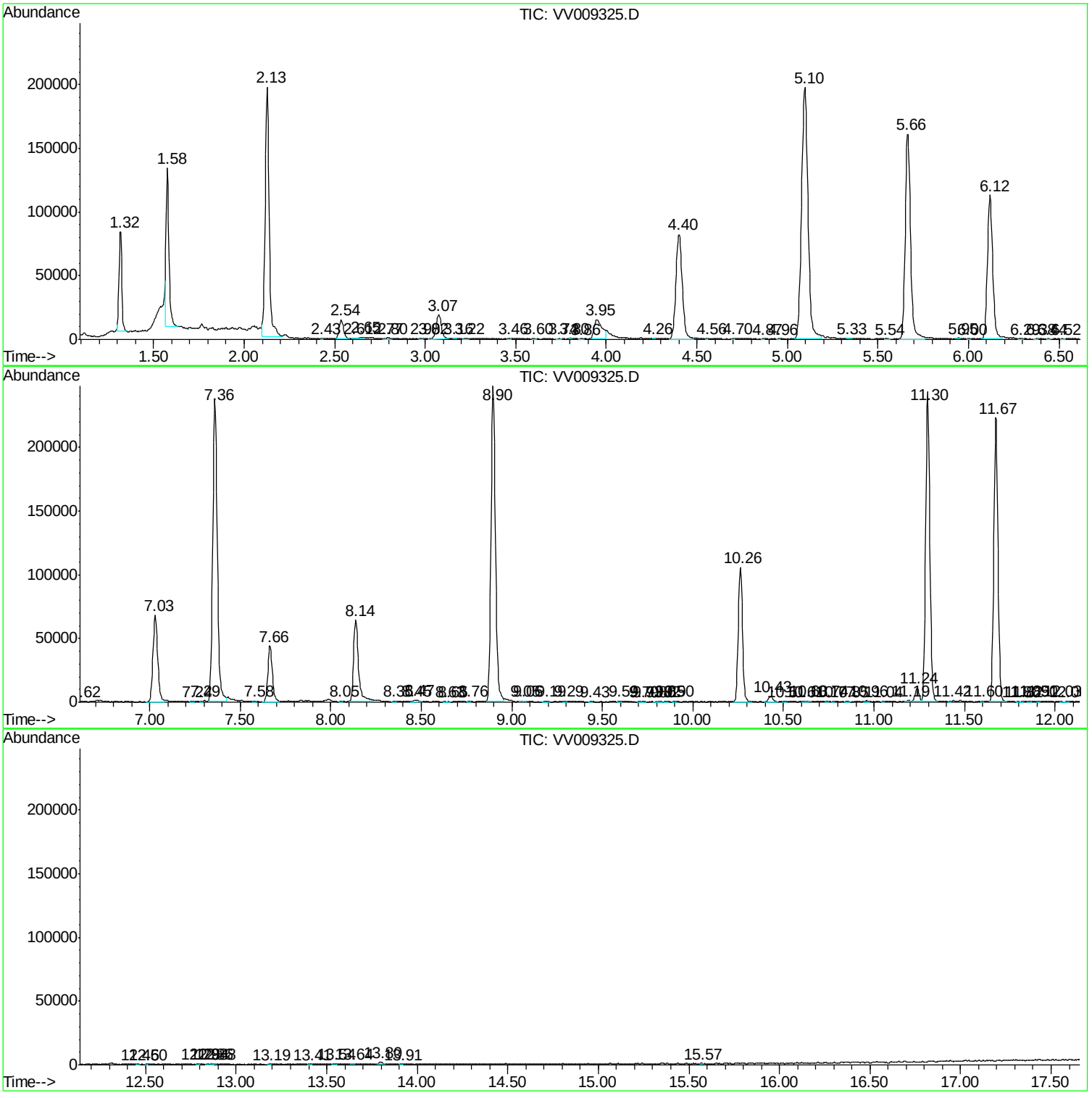
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022119\
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Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5X5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis

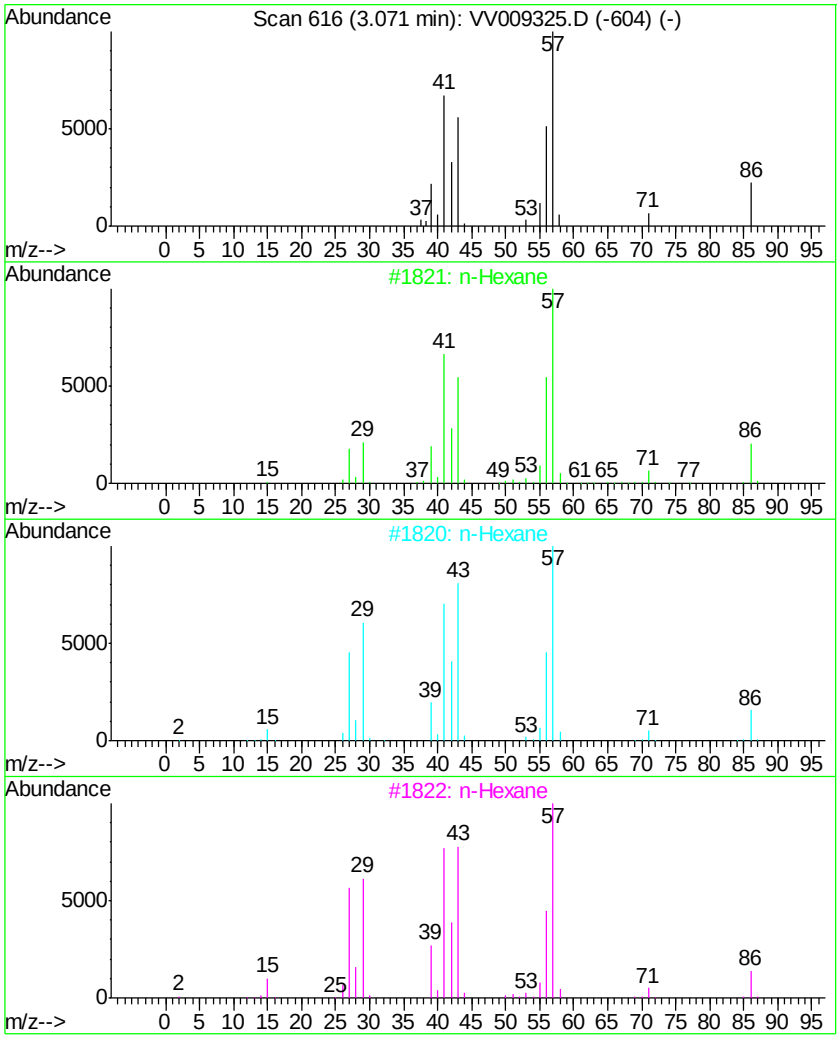
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

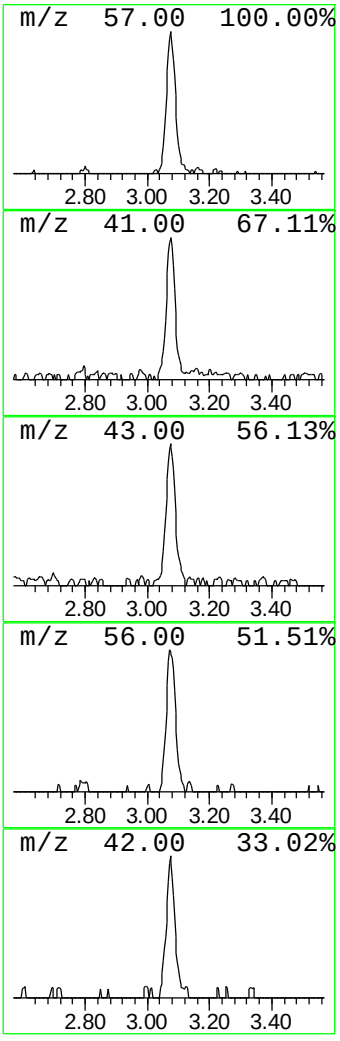
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	2.94 ug/L	38783	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	78
4	Cyclobutane	56	C4H8	000287-23-0	35
5	Oxirane, 2-methyl-3-(1-methyleth...	100	C6H12O	001192-31-0	32





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...	3.07	2.9	ug/L	38783	1	5.67	329971	25.0