LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Data File : VV009969.D
Acq On : 28 Mar 2019 16:46
Operator : SY/MD
Sample : K2101-19RE
Misc : 6.13G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0K8RE

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\SOM2VLM032619S.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	1.319	64	71	83	rBV	109461	114930	17.18%	2.722%
2	1.560	140	146	161	rVB	126119	156616	23.42%	3.709%
3	2.123	312	321	333	rBV	292023	409386	61.21%	9.695%
4	2.463	422	427	429	rBV2	1027	711	0.11%	0.017%
5	2.534	438	449	468	rVB	41537	72022	10.77%	1.706%
6	2.701	497	501	507	rBV2	665	697	0.10%	0.017%
7	2.727	507	509	515	rVV4	440	357	0.05%	0.008%
8	2.788	523	528	533	rVV4	783	819	0.12%	0.019%
9	2.891	558	560	563	rBV	540	262	0.04%	0.006%
10	2.946	573	577	579	rBV	527	407	0.06%	0.010%
11	3.068	604	615	628	rBV5	9161	17419	2.60%	0.413%
12	3.148	638	640	644	rVB2	894	434	0.06%	0.010%
13	3.174	644	648	651	rBV2	463	363	0.05%	0.009%
14	3.290	682	684	689	rBV	457	431	0.06%	0.010%
15	3.563	767	769	773	rBV2	661	447	0.07%	0.011%
16	3.653	794	797	800	rBV2	415	265	0.04%	0.006%
17	3.856	857	860	863	rBV2	716	516	0.08%	0.012%
18	3.930	872	883	900	rBV2	19924	52526	7.85%	1.244%
19	4.319	999	1004	1005	rBV2	683	458	0.07%	0.011%
20	4.399	1014	1029	1050	rBV4	101071	277372	41.47%	6.569%
21	4.605	1090	1093	1095	rVB2	483	286	0.04%	0.007%
22	4.733	1131	1133	1140	rVB3	892	803	0.12%	0.019%
23	4.875	1174	1177	1179	rBV2	533	309	0.05%	0.007%
24	4.913	1185	1189	1191	rBV	349	313	0.05%	0.007%
25	4.987	1209	1212	1214	rBV3	947	653	0.10%	0.015%
26	5.093	1227	1245	1274	rBV3	262793	668797	100.00%	15.838%
27	5.354	1323	1326	1327	rBV	474	277	0.04%	0.007%
28	5.460	1356	1359	1365	rVB2	544	406	0.06%	0.010%
29	5.489	1366	1368	1370	rVB	512	230	0.03%	0.005%
30	5.505	1370	1373	1374	rBV2	467	276	0.04%	0.007%
31	5.579	1393	1396	1401	rBV3	750	708	0.11%	0.017%
32	5.663	1408	1422	1449	rBV	172877	341229	51.02%	8.081%
33	5.843	1476	1478	1479	rBV	472	226	0.03%	0.005%
34	5.907	1490	1498	1500	rBV3	724	662	0.10%	0.016%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0K8RE

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\SOM2VLM032619S.M
Title : VOC Analysis

35	6.116	1549	1563	1582	rBV	156219	316302	47.29%	7.491%
36	6.312	1622	1624	1627	rVB3	738	336	0.05%	0.008%
37	6.450	1664	1667	1671	rVB4	814	594	0.09%	0.014%
38	6.511	1682	1686	1688	rBV2	457	372	0.06%	0.009%
39	6.566	1700	1703	1705	rVB2	635	332	0.05%	0.008%
40	6.682	1735	1739	1742	rBV3	1260	1276	0.19%	0.030%
41	6.762	1761	1764	1766	rVB2	379	237	0.04%	0.006%
42	6.859	1791	1794	1797	rBV	487	461	0.07%	0.011%
43	6.894	1802	1805	1807	rBV	477	338	0.05%	0.008%
44	7.029	1833	1847	1864	rBV2	59512	104488	15.62%	2.474%
45	7.145	1882	1883	1885	rBV	486	250	0.04%	0.006%
46	7.225	1905	1908	1909	rBV3	558	293	0.04%	0.007%
47	7.357	1937	1949	1966	rBV	288305	499645	74.71%	11.832%
48	7.605	2024	2026	2030	rBV2	590	496	0.07%	0.012%
49	7.662	2034	2044	2061	rVV3	36668	62074	9.28%	1.470%
50	8.019	2152	2155	2159	rVB4	1096	890	0.13%	0.021%
51	8.132	2176	2190	2209	rBV2	59654	111705	16.70%	2.645%
52	8.405	2272	2275	2279	rBV3	387	315	0.05%	0.007%
53	8.453	2285	2290	2293	rBV5	451	438	0.07%	0.010%
54	8.495	2299	2303	2304	rBV2	433	290	0.04%	0.007%
55	8.833	2406	2408	2412	rBV2	587	382	0.06%	0.009%
56	8.894	2415	2427	2450	rVV	234241	391142	58.48%	9.263%
57	9.090	2485	2488	2491	rBV	528	363	0.05%	0.009%
58	9.132	2500	2501	2506	rVB2	475	277	0.04%	0.007%
59	9.164	2509	2511	2515	rBV3	606	438	0.07%	0.010%
60	9.216	2526	2527	2534	rBV4	659	506	0.08%	0.012%
61	9.386	2577	2580	2585	rVB2	663	478	0.07%	0.011%
62	9.479	2608	2609	2614	rVB	499	277	0.04%	0.007%
63	9.772	2696	2700	2701	rBV2	539	406	0.06%	0.010%
64	9.846	2721	2723	2727	rVV4	491	342	0.05%	0.008%
65	9.926	2746	2748	2751	rBV2	497	241	0.04%	0.006%
66	10.023	2776	2778	2779	rBV2	524	236	0.04%	0.006%
67	10.151	2816	2818	2823	rBV2	378	299	0.04%	0.007%
68	10.209	2834	2836	2839	rBV2	366	238	0.04%	0.006%
69	10.260	2842	2852	2867	rVV	113766	180622	27.01%	4.277%
70	10.376	2885	2888	2891	rBV2	307	243	0.04%	0.006%
71	10.415	2895	2900	2904	rBV3	1130	1218	0.18%	0.029%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Title : VOC Analysis

72	10.502	2925	2927	2931	rVB	608	348	0.05%	0.008%
73	10.720	2992	2995	2999	rBV3	547	340	0.05%	0.008%
74	11.035	3091	3093	3096	rBV2	422	299	0.04%	0.007%
75	11.113	3114	3117	3119	rBV2	571	396	0.06%	0.009%
76	11.296	3163	3174	3191	rBV2	113509	195437	29.22%	4.628%
77	11.492	3232	3235	3237	rBV	519	392	0.06%	0.009%
78	11.563	3254	3257	3259	rVB3	644	311	0.05%	0.007%
79	11.588	3263	3265	3266	rBV	588	229	0.03%	0.005%
80	11.672	3279	3291	3307	rBV2	127106	215141	32.17%	5.095%
81	11.868	3350	3352	3355	rBV3	720	473	0.07%	0.011%
82	12.010	3394	3396	3400	rVV2	617	412	0.06%	0.010%
83	12.032	3400	3403	3406	rVV2	656	409	0.06%	0.010%
84	12.084	3417	3419	3422	rBV2	438	266	0.04%	0.006%
85	12.116	3427	3429	3433	rVB	685	372	0.06%	0.009%
86	12.235	3464	3466	3470	rBV	405	306	0.05%	0.007%
87	12.286	3478	3482	3483	rBV	937	550	0.08%	0.013%
88	12.460	3532	3536	3538	rBV3	408	335	0.05%	0.008%
89	12.534	3557	3559	3562	rBV3	612	278	0.04%	0.007%
90	12.942	3685	3686	3692	rVB	415	304	0.05%	0.007%
91	12.971	3692	3695	3698	rBV	590	394	0.06%	0.009%
92	13.061	3721	3723	3726	rVB2	498	303	0.05%	0.007%
93	13.801	3951	3953	3958	rVB2	541	353	0.05%	0.008%
94	14.100	4044	4046	4055	rVB3	779	702	0.10%	0.017%
95	14.151	4058	4062	4066	rBV3	596	533	0.08%	0.013%
96	14.588	4195	4198	4201	rBV	874	572	0.09%	0.014%
97	14.624	4205	4209	4211	rBV2	464	370	0.06%	0.009%
98	15.389	4445	4447	4450	rBV2	443	237	0.04%	0.006%
99	16.739	4863	4867	4870	rBV3	1558	1490	0.22%	0.035%
100	17.260	5027	5029	5030	rBV	1756	694	0.10%	0.016%

Sum of corrected areas: 4222699

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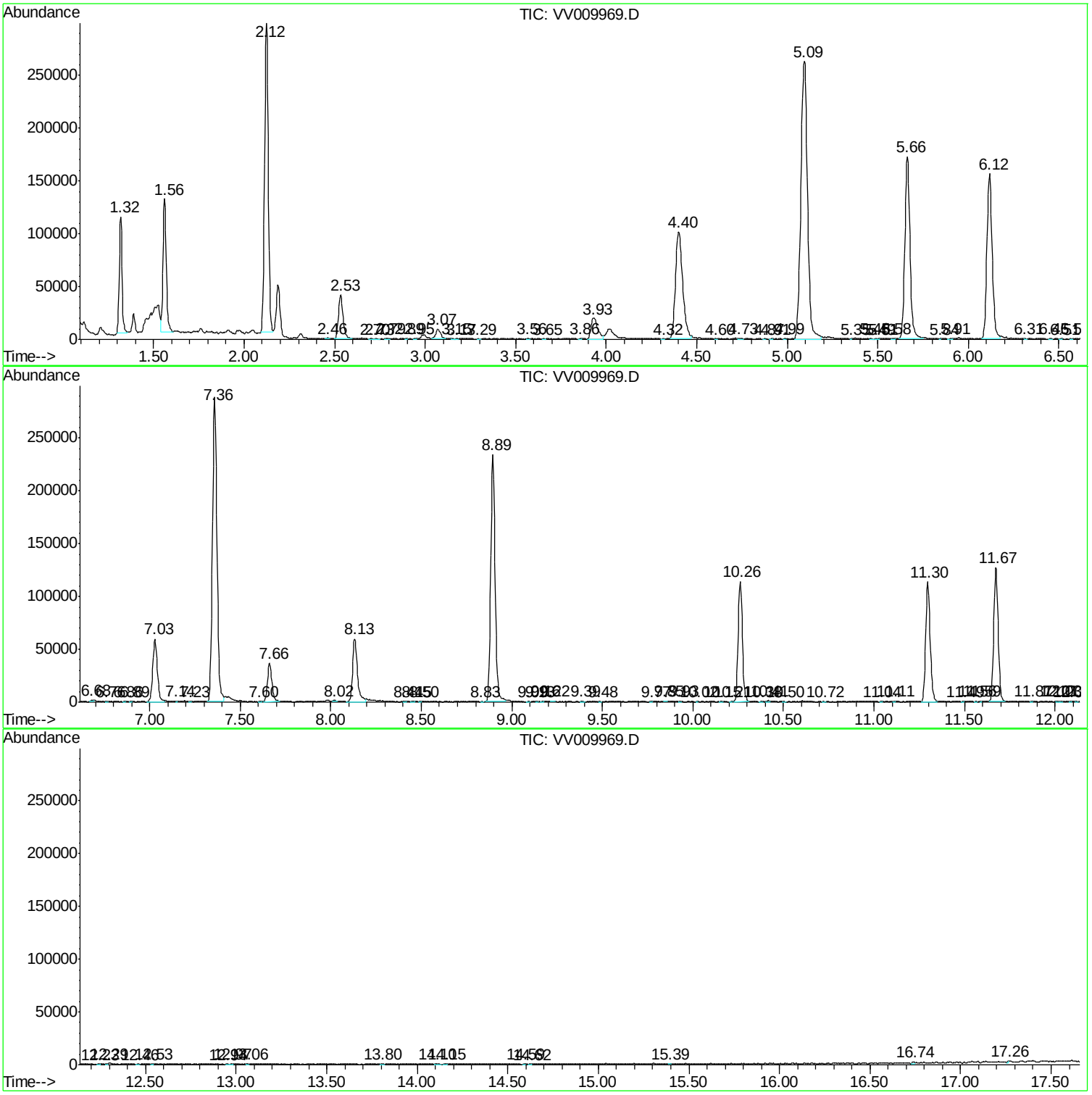
ClientSampleId :
BF0K8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis

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



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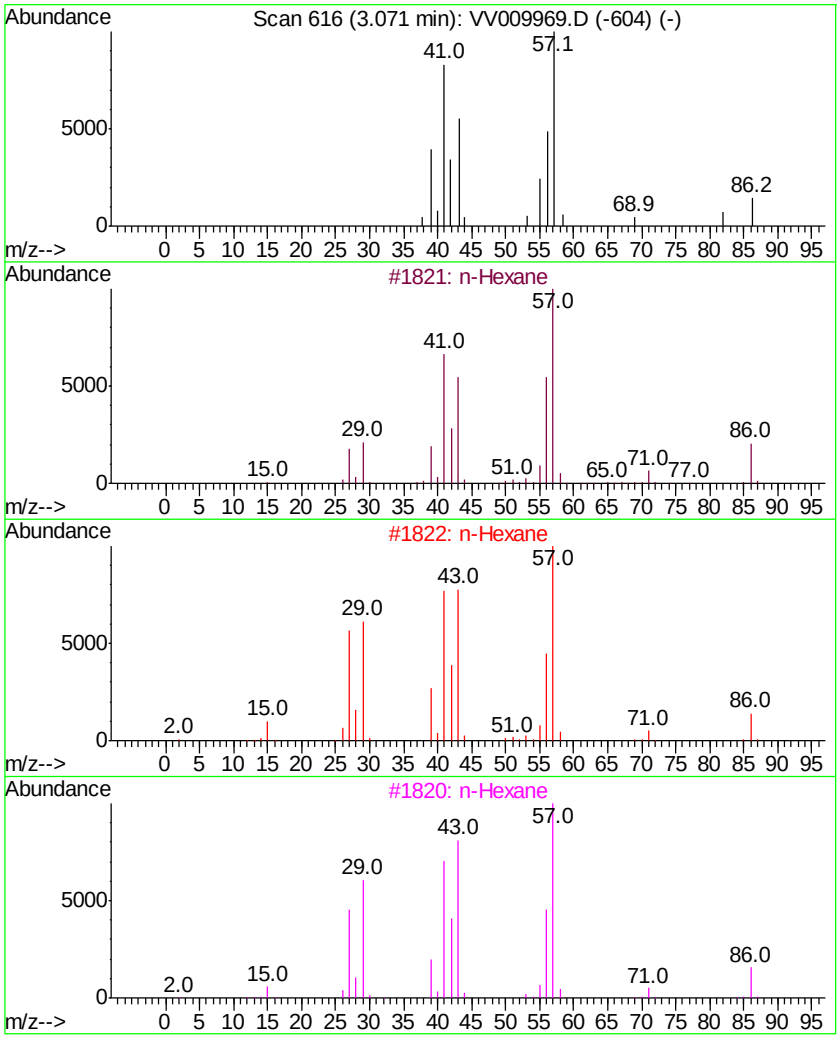
Quant Title : VOC Analysis

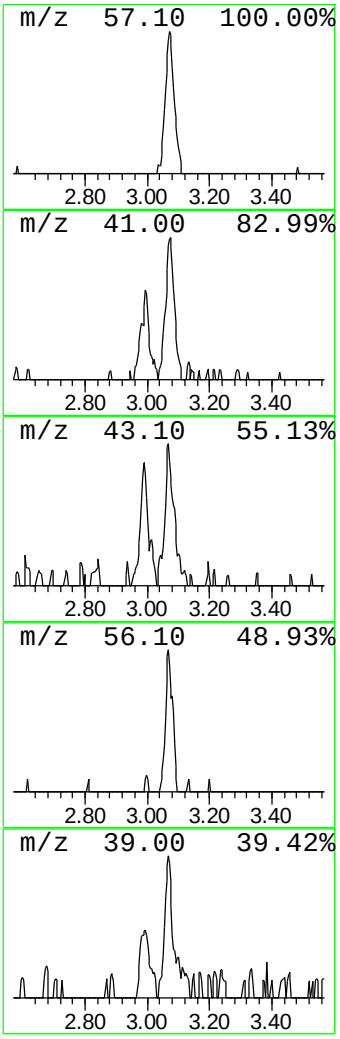
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	1.28 ug/L	17419	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	50
2	n-Hexane	86	C6H14	000110-54-3	50
3	n-Hexane	86	C6H14	000110-54-3	43
4	3-Buten-1-ol, 3-methyl-	86	C5H10O	000763-32-6	42
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	37





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	1.3	ug/L	17419	1	5.66	341229	25.0