LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
Data File : VV010357.D
Acq On : 18 Apr 2019 19:10
Operator : SY/MD
Sample : K2403-16
Misc : 7.43G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5130

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\SOM2VLM041819S.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	66	70	82	rVB	136232	145770	12.14%	1.572%
2	1.569	144	149	165	rVB	120081	141316	11.77%	1.524%
3	2.123	312	321	332	rBV	325348	460654	38.37%	4.969%
4	2.389	401	404	408	rBV3	846	880	0.07%	0.009%
5	2.537	439	450	462	rBV3	14876	26901	2.24%	0.290%
6	2.589	462	466	468	rVB2	731	467	0.04%	0.005%
7	2.605	468	471	475	rVB3	803	460	0.04%	0.005%
8	2.624	475	477	480	rBV2	514	299	0.02%	0.003%
9	2.650	483	485	488	rBV2	728	376	0.03%	0.004%
10	2.724	506	508	510	rBV2	582	313	0.03%	0.003%
11	2.772	519	523	527	rVB5	598	513	0.04%	0.006%
12	2.885	555	558	561	rBV2	446	334	0.03%	0.004%
13	3.148	637	640	643	rBV3	781	605	0.05%	0.007%
14	3.241	668	669	675	rVB2	944	407	0.03%	0.004%
15	3.335	696	698	702	rBV2	613	427	0.04%	0.005%
16	3.376	709	711	716	rVB3	612	411	0.03%	0.004%
17	3.425	722	726	728	rVB3	789	522	0.04%	0.006%
18	3.479	741	743	746	rBV3	404	275	0.02%	0.003%
19	3.518	753	755	762	rVB4	637	459	0.04%	0.005%
20	3.631	785	790	792	rBV	378	317	0.03%	0.003%
21	3.676	801	804	807	rBV2	509	278	0.02%	0.003%
22	3.711	813	815	819	rVB2	741	310	0.03%	0.003%
23	3.743	823	825	827	rBV2	535	302	0.03%	0.003%
24	3.862	858	862	865	rBV2	483	431	0.04%	0.005%
25	3.930	872	883	900	rBV	53658	133522	11.12%	1.440%
26	4.299	995	998	1003	rVB3	760	674	0.06%	0.007%
27	4.335	1003	1009	1010	rBV	897	471	0.04%	0.005%
28	4.399	1010	1029	1057	rBV	214709	518442	43.18%	5.592%
29	4.647	1100	1106	1107	rBV4	985	797	0.07%	0.009%
30	4.685	1116	1118	1123	rVB4	489	348	0.03%	0.004%
31	4.817	1155	1159	1163	rBV3	460	484	0.04%	0.005%
32	4.868	1173	1175	1178	rBV2	611	402	0.03%	0.004%
33	4.984	1209	1211	1215	rVB2	505	390	0.03%	0.004%
34	5.029	1220	1225	1227	rBV2	424	366	0.03%	0.004%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Title : VOC Analysis

35	5.093	1227	1245	1274	rBV2	476216	1200597	100.00%	12.951%
36	5.473	1361	1363	1364	rBV2	894	326	0.03%	0.004%
37	5.663	1408	1422	1456	rBV	395915	804347	67.00%	8.676%
38	6.116	1549	1563	1585	rBV	275222	569068	47.40%	6.138%
39	6.338	1625	1632	1646	rBV5	4443	7664	0.64%	0.083%
40	6.544	1691	1696	1698	rBV	562	374	0.03%	0.004%
41	6.601	1711	1714	1717	rVB3	787	452	0.04%	0.005%
42	6.630	1717	1723	1725	rBV3	873	683	0.06%	0.007%
43	6.643	1725	1727	1731	rVV2	486	370	0.03%	0.004%
44	6.682	1736	1739	1740	rBV2	995	519	0.04%	0.006%
45	6.881	1796	1801	1805	rVB3	603	529	0.04%	0.006%
46	6.968	1824	1828	1830	rBV2	660	458	0.04%	0.005%
47	7.029	1835	1847	1867	rBV	151564	274717	22.88%	2.963%
48	7.232	1906	1910	1912	rBV2	712	507	0.04%	0.005%
49	7.296	1926	1930	1934	rBV4	611	568	0.05%	0.006%
50	7.360	1937	1950	1969	rBV	528741	955480	79.58%	10.307%
51	7.662	2033	2044	2060	rBV	106021	180413	15.03%	1.946%
52	7.913	2120	2122	2128	rVB5	859	771	0.06%	0.008%
53	7.981	2136	2143	2154	rVB2	20008	34075	2.84%	0.368%
54	8.132	2177	2190	2209	rBV	208156	376103	31.33%	4.057%
55	8.283	2230	2237	2257	rVB3	38649	67332	5.61%	0.726%
56	8.425	2279	2281	2285	rVB2	1076	568	0.05%	0.006%
57	8.444	2285	2287	2288	rBV	618	295	0.02%	0.003%
58	8.511	2305	2308	2311	rBV	774	626	0.05%	0.007%
59	8.788	2389	2394	2400	rBV5	859	1058	0.09%	0.011%
60	8.817	2400	2403	2405	rVB3	437	270	0.02%	0.003%
61	8.894	2415	2427	2447	rBV	571559	993690	82.77%	10.719%
62	9.122	2495	2498	2500	rVB3	882	466	0.04%	0.005%
63	9.138	2500	2503	2509	rBV2	560	454	0.04%	0.005%
64	9.170	2509	2513	2515	rBV2	1447	1079	0.09%	0.012%
65	9.251	2536	2538	2541	rVB2	605	266	0.02%	0.003%
66	9.270	2541	2544	2545	rBV2	545	333	0.03%	0.004%
67	9.331	2561	2563	2565	rVB3	681	265	0.02%	0.003%
68	9.351	2568	2569	2572	rBV2	534	350	0.03%	0.004%
69	9.412	2585	2588	2591	rBV4	810	459	0.04%	0.005%
70	9.585	2637	2642	2643	rBV2	1274	975	0.08%	0.011%
71	9.740	2688	2690	2692	rBV2	686	333	0.03%	0.004%

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ClientSampleId : A5130

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\SOM2VLM041819S.M
Title : VOC Analysis

72	9.775	2697	2701	2702	rBV	531	324	0.03%	0.003%
73	10.090	2796	2799	2801	rVB2	586	313	0.03%	0.003%
74	10.109	2801	2805	2810	rBV4	493	588	0.05%	0.006%
75	10.132	2810	2812	2817	rVB3	457	377	0.03%	0.004%
76	10.206	2831	2835	2837	rVB2	564	315	0.03%	0.003%
77	10.260	2840	2852	2874	rVB	310983	490339	40.84%	5.289%
78	10.424	2893	2903	2918	rVB2	32066	58293	4.86%	0.629%
79	10.617	2957	2963	2964	rBV3	1910	1786	0.15%	0.019%
80	10.765	3006	3009	3014	rBV3	744	534	0.04%	0.006%
81	10.836	3029	3031	3033	rVB2	803	327	0.03%	0.004%
82	10.881	3042	3045	3048	rBV2	1144	947	0.08%	0.010%
83	11.084	3105	3108	3110	rVB2	680	420	0.03%	0.005%
84	11.100	3110	3113	3116	rBV3	522	378	0.03%	0.004%
85	11.125	3118	3121	3124	rVV4	705	401	0.03%	0.004%
86	11.203	3137	3145	3151	rBV8	2695	4647	0.39%	0.050%
87	11.296	3161	3174	3192	rBV	553392	903432	75.25%	9.745%
88	11.511	3239	3241	3245	rBV3	497	275	0.02%	0.003%
89	11.576	3255	3261	3264	rBV5	2883	3452	0.29%	0.037%
90	11.672	3279	3291	3310	rBV	537613	866994	72.21%	9.352%
91	12.087	3417	3420	3422	rBV2	581	347	0.03%	0.004%
92	12.299	3479	3486	3498	rVB2	8609	14448	1.20%	0.156%
93	12.344	3498	3500	3502	rBV2	503	276	0.02%	0.003%
94	12.389	3509	3514	3515	rBV3	2297	1594	0.13%	0.017%
95	12.939	3682	3685	3689	rBV3	918	618	0.05%	0.007%
96	13.460	3841	3847	3851	rBV4	703	894	0.07%	0.010%
97	13.907	3984	3986	3990	rBV	485	302	0.03%	0.003%
98	14.148	4055	4061	4065	rBV2	949	916	0.08%	0.010%
99	14.183	4068	4072	4075	rBV2	686	639	0.05%	0.007%
100	14.868	4283	4285	4288	rBV3	757	566	0.05%	0.006%

Sum of corrected areas: 9270505

LSC Report - Integrated Chromatogram

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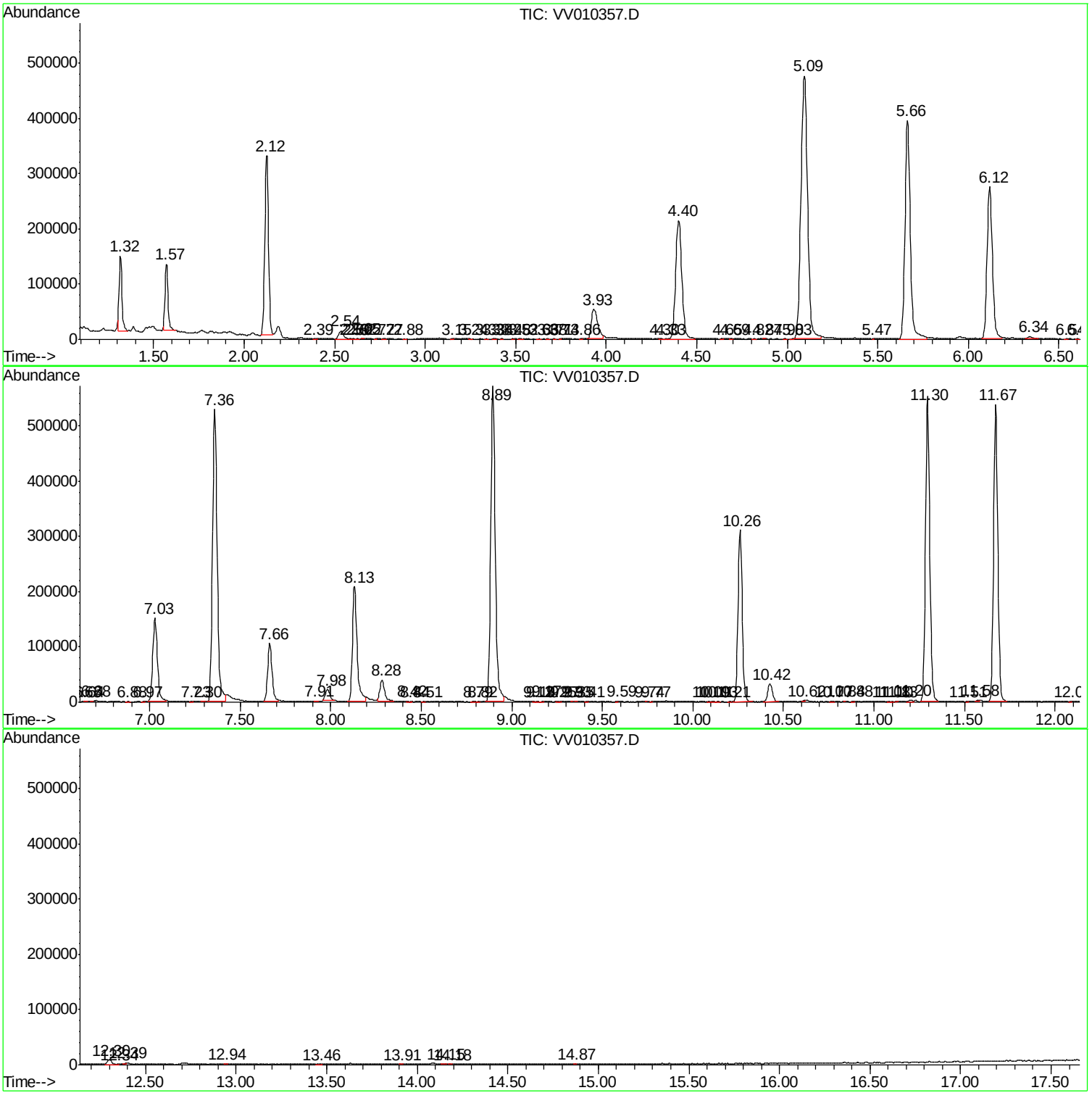
Instrument : MSVOA_V
ClientSampleId : A5130

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.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\VV041819\
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Operator : SY/MD
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Instrument : MSVOA_V
ClientSampleId : A5130

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

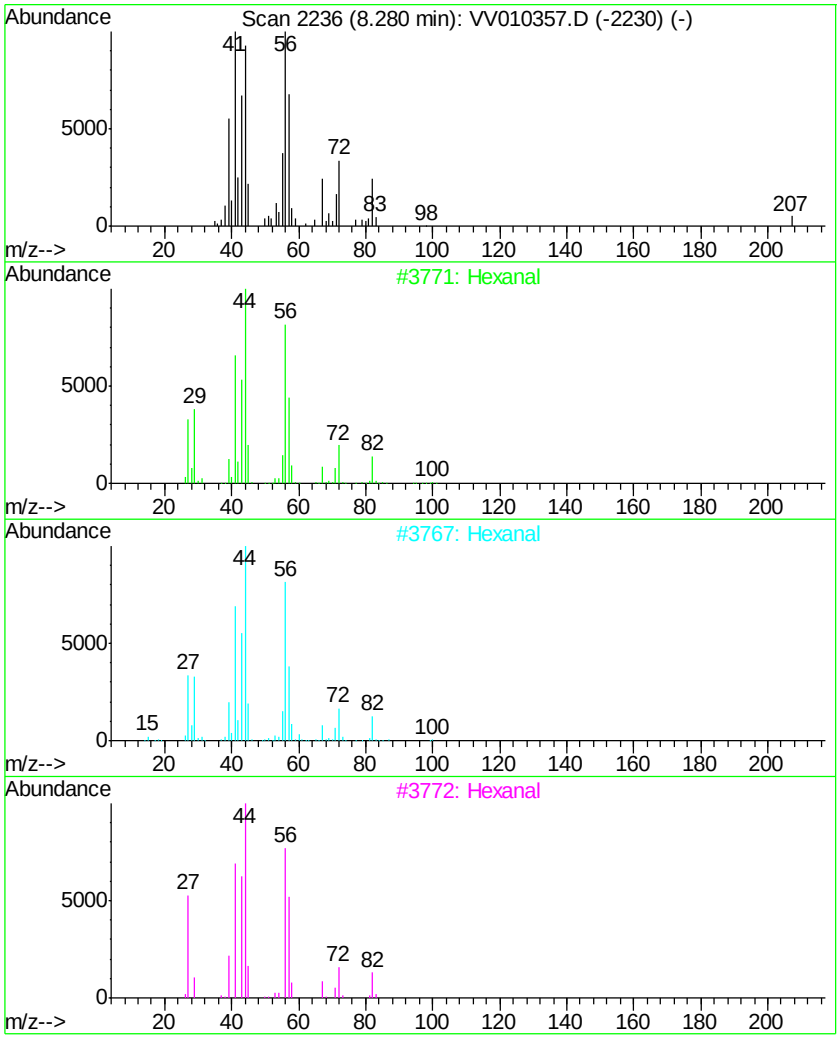
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

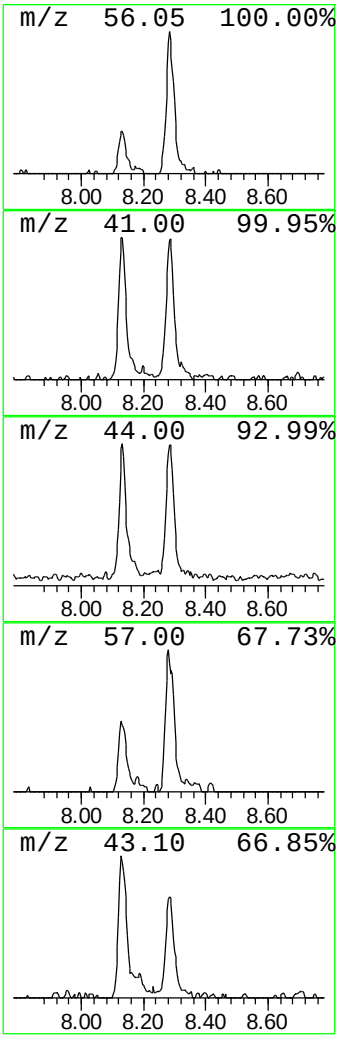
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	1.69 ug/L	67332	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	59
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	50
4	Hexanal	100	C6H12O	000066-25-1	47
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	30





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
Hexanal	8.28	1.7	ug/L	67332	2	8.89	993690	25.0