LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
Data File : VV010362.D
Acq On : 18 Apr 2019 21:21
Operator : SY/MD
Sample : K2403-21
Misc : 4.38G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5134

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	1.319	67	71	82	rVB	108866	111018	10.56%	1.339%
2	2.122	313	321	335	rVB	265187	377411	35.88%	4.551%
3	2.534	442	449	460	rVB2	11514	18341	1.74%	0.221%
4	2.647	481	484	486	rBV3	1076	764	0.07%	0.009%
5	2.775	522	524	527	rBV	845	570	0.05%	0.007%
6	2.868	551	553	556	rBV3	907	461	0.04%	0.006%
7	2.936	568	574	576	rBV2	509	409	0.04%	0.005%
8	2.955	576	580	581	rBV	467	336	0.03%	0.004%
9	3.071	612	616	620	rBV6	1019	1254	0.12%	0.015%
10	3.180	648	650	653	rBV2	471	353	0.03%	0.004%
11	3.257	670	674	677	rVB2	483	357	0.03%	0.004%
12	3.274	677	679	683	rBV3	524	345	0.03%	0.004%
13	3.299	684	687	689	rBV2	603	350	0.03%	0.004%
14	3.367	703	708	711	rBV2	557	600	0.06%	0.007%
15	3.383	711	713	716	rVV2	604	351	0.03%	0.004%
16	3.399	716	718	724	rVB	731	482	0.05%	0.006%
17	3.708	808	814	818	rVV3	452	446	0.04%	0.005%
18	3.827	848	851	853	rBV2	655	351	0.03%	0.004%
19	3.933	871	884	909	rBV	48090	127720	12.14%	1.540%
20	4.206	966	969	971	rBV3	622	449	0.04%	0.005%
21	4.312	999	1002	1006	rBV3	659	581	0.06%	0.007%
22	4.399	1012	1029	1053	rBV	186028	451079	42.89%	5.439%
23	4.585	1083	1087	1088	rBV2	571	371	0.04%	0.004%
24	4.621	1095	1098	1099	rBV2	527	338	0.03%	0.004%
25	4.778	1143	1147	1152	rBV4	722	736	0.07%	0.009%
26	5.093	1227	1245	1280	rBV2	414050	1051804	100.00%	12.683%
27	5.489	1365	1368	1371	rBV3	719	548	0.05%	0.007%
28	5.563	1389	1391	1395	rVB3	870	468	0.04%	0.006%
29	5.663	1406	1422	1454	rBV	352176	718695	68.33%	8.666%
30	5.994	1523	1525	1529	rBV3	801	466	0.04%	0.006%
31	6.116	1549	1563	1596	rBV2	243398	507631	48.26%	6.121%
32	6.482	1670	1677	1680	rBV3	664	759	0.07%	0.009%
33	6.524	1684	1690	1693	rBV3	704	670	0.06%	0.008%
34	6.614	1712	1718	1721	rBV	683	624	0.06%	0.008%

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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
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

35	6.701	1738	1745	1746	rBV6	1545	2017	0.19%	0.024%
36	6.743	1754	1758	1760	rVB2	843	586	0.06%	0.007%
37	6.756	1760	1762	1765	rVB	605	383	0.04%	0.005%
38	6.810	1776	1779	1781	rBV2	531	365	0.03%	0.004%
39	6.907	1805	1809	1810	rVV	597	324	0.03%	0.004%
40	6.917	1810	1812	1816	rVB	695	395	0.04%	0.005%
41	7.029	1833	1847	1863	rBV	131954	238679	22.69%	2.878%
42	7.174	1888	1892	1895	rBV5	869	751	0.07%	0.009%
43	7.187	1895	1896	1898	rBV3	691	333	0.03%	0.004%
44	7.270	1920	1922	1925	rVB3	718	405	0.04%	0.005%
45	7.360	1936	1950	1970	rBV	459925	824760	78.41%	9.945%
46	7.662	2034	2044	2067	rBV	92168	160345	15.24%	1.934%
47	7.804	2085	2088	2090	rBV2	612	332	0.03%	0.004%
48	7.984	2134	2144	2155	rBV4	12103	22695	2.16%	0.274%
49	8.132	2179	2190	2227	rBV2	184041	351076	33.38%	4.233%
50	8.283	2229	2237	2253	rVB3	37510	66018	6.28%	0.796%
51	8.418	2277	2279	2283	rBV4	905	630	0.06%	0.008%
52	8.598	2330	2335	2337	rVB4	942	572	0.05%	0.007%
53	8.695	2360	2365	2367	rBV	744	616	0.06%	0.007%
54	8.756	2380	2384	2386	rVV2	516	398	0.04%	0.005%
55	8.897	2415	2428	2453	rBV	539515	949810	90.30%	11.453%
56	9.122	2496	2498	2504	rVB3	532	474	0.05%	0.006%
57	9.183	2514	2517	2521	rBV4	835	670	0.06%	0.008%
58	9.305	2552	2555	2557	rBV4	764	430	0.04%	0.005%
59	9.492	2608	2613	2615	rBV3	531	429	0.04%	0.005%
60	9.537	2624	2627	2630	rBV3	664	439	0.04%	0.005%
61	9.582	2638	2641	2644	rBV2	932	869	0.08%	0.010%
62	9.633	2656	2657	2662	rVB2	751	426	0.04%	0.005%
63	9.855	2720	2726	2736	rVB6	2606	4443	0.42%	0.054%
64	9.942	2749	2753	2754	rBV2	623	338	0.03%	0.004%
65	10.048	2783	2786	2793	rBV3	904	833	0.08%	0.010%
66	10.151	2816	2818	2824	rVB3	618	483	0.05%	0.006%
67	10.260	2841	2852	2875	rBV	302139	473957	45.06%	5.715%
68	10.428	2894	2904	2916	rVB	23633	40934	3.89%	0.494%
69	10.585	2950	2953	2956	rBV3	525	450	0.04%	0.005%
70	10.756	3004	3006	3008	rBV2	973	587	0.06%	0.007%
71	10.820	3023	3026	3029	rBV2	792	420	0.04%	0.005%

LSC Area Percent Report

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ClientSampleId : A5134

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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

72	10.839	3029	3032	3035	rBV3	454	365	0.03%	0.004%
73	10.881	3041	3045	3047	rBV2	947	771	0.07%	0.009%
74	10.942	3061	3064	3066	rBV2	1016	647	0.06%	0.008%
75	11.074	3103	3105	3107	rBV2	823	466	0.04%	0.006%
76	11.132	3119	3123	3125	rBV2	722	501	0.05%	0.006%
77	11.296	3162	3174	3196	rBV	533484	881847	83.84%	10.634%
78	11.585	3252	3264	3272	rBV8	3366	6472	0.62%	0.078%
79	11.672	3279	3291	3308	rBV	530810	846030	80.44%	10.202%
80	11.891	3355	3359	3361	rBV2	775	687	0.07%	0.008%
81	11.987	3385	3389	3390	rBV2	582	417	0.04%	0.005%
82	12.116	3426	3429	3432	rBV3	816	521	0.05%	0.006%
83	12.193	3451	3453	3456	rVB2	646	322	0.03%	0.004%
84	12.231	3463	3465	3468	rBV	592	393	0.04%	0.005%
85	12.296	3476	3485	3497	rVB2	9848	17627	1.68%	0.213%
86	12.354	3500	3503	3507	rBV3	980	673	0.06%	0.008%
87	12.399	3511	3517	3521	rBV6	2955	3537	0.34%	0.043%
88	12.582	3568	3574	3576	rBV4	566	600	0.06%	0.007%
89	12.608	3581	3582	3587	rVV2	646	339	0.03%	0.004%
90	12.688	3604	3607	3609	rBV3	940	654	0.06%	0.008%
91	12.894	3666	3671	3675	rBV3	716	882	0.08%	0.011%
92	13.009	3704	3707	3709	rBV	555	423	0.04%	0.005%
93	13.125	3740	3743	3747	rBV3	662	610	0.06%	0.007%
94	13.231	3773	3776	3781	rBV4	677	681	0.06%	0.008%
95	13.392	3823	3826	3829	rVB3	763	377	0.04%	0.005%
96	13.630	3898	3900	3901	rBV3	1114	542	0.05%	0.007%
97	13.903	3982	3985	3988	rBV	386	365	0.03%	0.004%
98	13.929	3991	3993	3996	rVB2	718	330	0.03%	0.004%
99	13.990	4010	4012	4015	rBV	595	383	0.04%	0.005%
100	14.447	4150	4154	4156	rBV3	1013	675	0.06%	0.008%

Sum of corrected areas: 8292947

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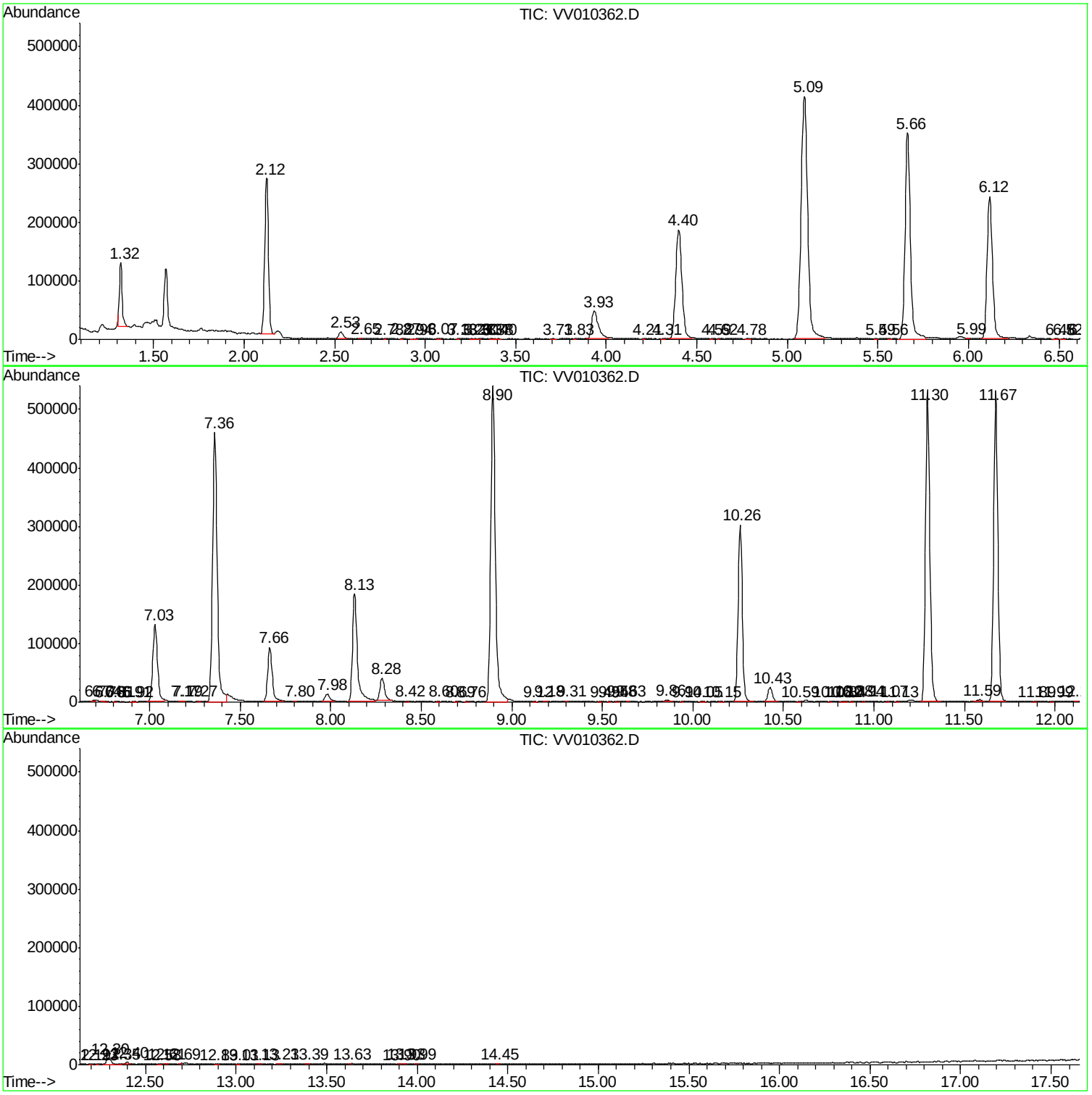
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis

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

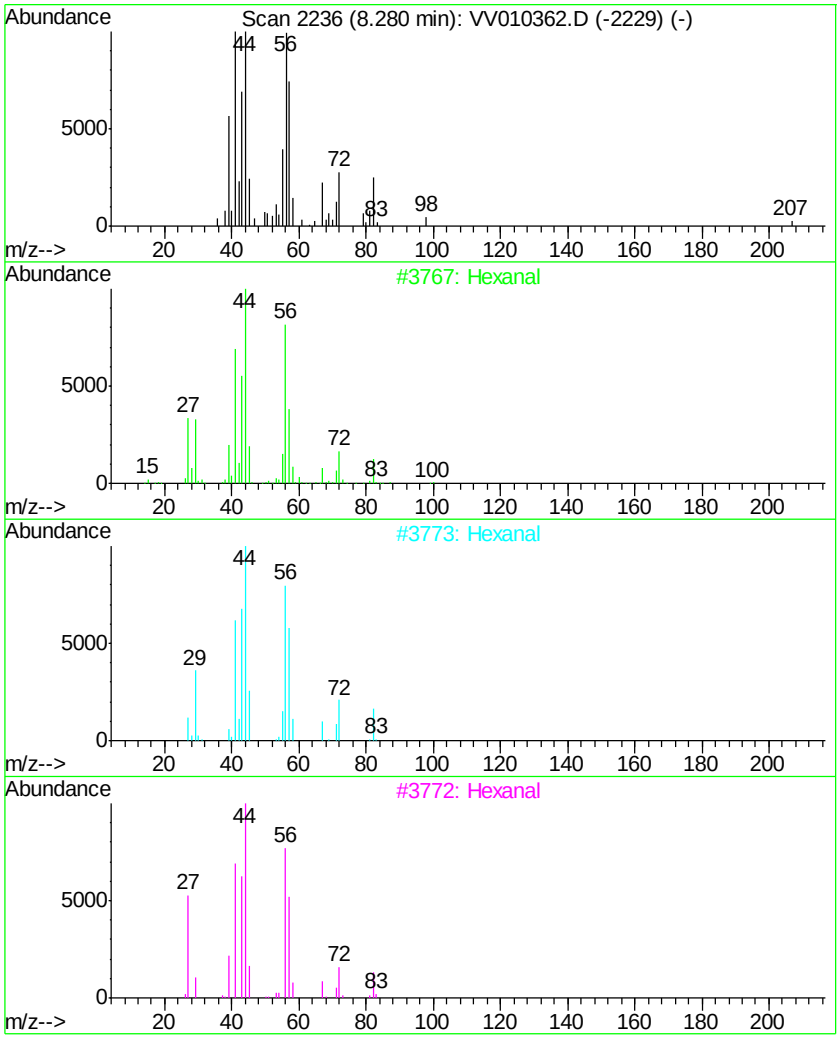
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

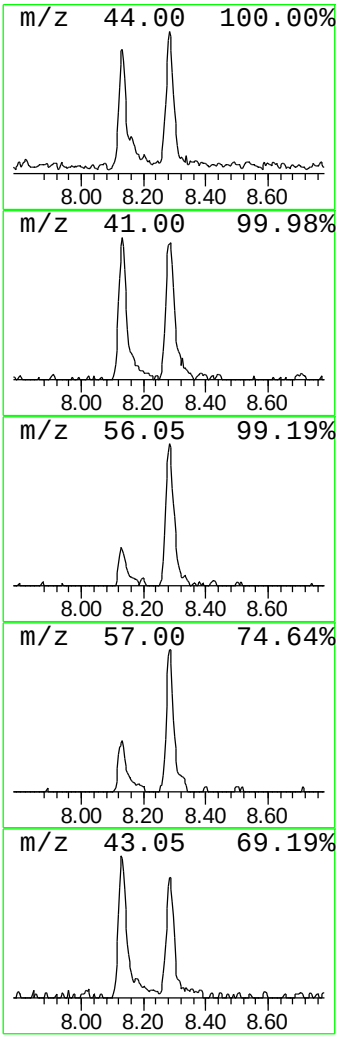
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	1.74 ug/L	66018	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	53
3	Hexanal	100	C6H12O	000066-25-1	53
4	Hexanal	100	C6H12O	000066-25-1	45
5	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	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
Hexanal	8.28	1.7	ug/L	66018	2	8.89	949810	25.0