LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011050.D
Acq On : 24 May 2019 04:07
Operator : SY/MD
Sample : K3016-18
Misc : 5.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D5

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\SOM2VLM052019S.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	1.209	32	37	58	rVB2	9835	18048	6.42%	0.818%
2	1.315	64	70	77	rVB	28512	26516	9.44%	1.202%
3	1.389	88	93	99	rBV	5109	5073	1.81%	0.230%
4	1.499	123	127	129	rBV4	932	636	0.23%	0.029%
5	1.566	142	148	156	rVB	20446	23484	8.36%	1.064%
6	2.042	293	296	298	rBV3	785	525	0.19%	0.024%
7	2.122	312	321	334	rBV	50477	69104	24.59%	3.132%
8	2.190	335	342	353	rVB	9303	13580	4.83%	0.615%
9	2.315	372	381	394	rVB	3603	5904	2.10%	0.268%
10	2.463	417	427	436	rVV	2540	4123	1.47%	0.187%
11	2.531	440	448	456	rVB3	2648	3986	1.42%	0.181%
12	2.994	587	592	597	rBV3	637	915	0.33%	0.041%
13	3.064	604	614	626	rVB4	2522	5118	1.82%	0.232%
14	3.209	655	659	667	rVB4	616	809	0.29%	0.037%
15	3.296	684	686	691	rVB2	301	246	0.09%	0.011%
16	3.325	691	695	699	rBV	291	341	0.12%	0.015%
17	3.679	801	805	808	rVB2	234	192	0.07%	0.009%
18	3.762	826	831	833	rBV3	397	393	0.14%	0.018%
19	3.936	874	885	886	rBV	15235	17550	6.25%	0.795%
20	4.196	962	966	969	rVV2	311	269	0.10%	0.012%
21	4.338	1006	1010	1013	rBV	176	201	0.07%	0.009%
22	4.396	1013	1028	1050	rBV	49394	119327	42.47%	5.408%
23	4.505	1059	1062	1064	rBV2	289	214	0.08%	0.010%
24	4.521	1064	1067	1074	rVB2	448	467	0.17%	0.021%
25	4.839	1162	1166	1169	rVV	226	227	0.08%	0.010%
26	5.090	1228	1244	1282	rBV2	111469	280987	100.00%	12.735%
27	5.370	1324	1331	1333	rBV3	387	436	0.16%	0.020%
28	5.383	1333	1335	1341	rVV3	427	259	0.09%	0.012%
29	5.579	1390	1396	1398	rBV	548	455	0.16%	0.021%
30	5.592	1398	1400	1408	rVB3	588	738	0.26%	0.033%
31	5.662	1408	1422	1446	rBV	93685	189678	67.50%	8.597%
32	5.945	1506	1510	1514	rVB2	318	261	0.09%	0.012%
33	6.013	1527	1531	1535	rBV	248	236	0.08%	0.011%
34	6.116	1545	1563	1590	rBV	68728	138516	49.30%	6.278%

LSC Area Percent Report

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Misc : 5.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D5

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\SOM2VLM052019S.M
Title : VOC Analysis

35	6.241	1595	1602	1606	rVB2	209	232	0.08%	0.011%
36	6.283	1610	1615	1616	rBV	195	196	0.07%	0.009%
37	6.334	1624	1631	1643	rBV2	2997	4931	1.75%	0.223%
38	6.566	1699	1703	1704	rVB	335	201	0.07%	0.009%
39	6.582	1704	1708	1710	rBV	235	195	0.07%	0.009%
40	6.604	1713	1715	1720	rVB	290	224	0.08%	0.010%
41	6.640	1723	1726	1728	rBV	324	217	0.08%	0.010%
42	6.701	1738	1745	1750	rBV2	662	922	0.33%	0.042%
43	6.810	1775	1779	1781	rBV2	328	284	0.10%	0.013%
44	6.846	1786	1790	1796	rVB2	244	350	0.12%	0.016%
45	7.029	1831	1847	1865	rBV3	30394	54066	19.24%	2.450%
46	7.180	1891	1894	1898	rVV3	767	621	0.22%	0.028%
47	7.206	1898	1902	1905	rVB3	306	281	0.10%	0.013%
48	7.360	1936	1950	1969	rBV	113850	198843	70.77%	9.012%
49	7.547	2005	2008	2011	rBV	358	224	0.08%	0.010%
50	7.563	2011	2013	2017	rVB	386	251	0.09%	0.011%
51	7.662	2032	2044	2056	rBV2	20590	33098	11.78%	1.500%
52	7.830	2091	2096	2097	rBV	331	294	0.10%	0.013%
53	7.913	2118	2122	2123	rBV2	351	258	0.09%	0.012%
54	7.977	2133	2142	2156	rVB3	3987	7590	2.70%	0.344%
55	8.048	2161	2164	2170	rVB2	290	279	0.10%	0.013%
56	8.132	2176	2190	2208	rBV	59716	106278	37.82%	4.817%
57	8.283	2227	2237	2252	rBV2	30152	50516	17.98%	2.290%
58	8.479	2294	2298	2301	rBV	288	262	0.09%	0.012%
59	8.820	2400	2404	2409	rBV	173	235	0.08%	0.011%
60	8.894	2413	2427	2451	rBV	149268	245662	87.43%	11.134%
61	9.064	2474	2480	2483	rBV3	402	456	0.16%	0.021%
62	9.183	2513	2517	2528	rVB3	561	642	0.23%	0.029%
63	9.582	2638	2641	2644	rVV2	188	190	0.07%	0.009%
64	9.730	2683	2687	2689	rBV2	319	264	0.09%	0.012%
65	9.778	2698	2702	2705	rBV	298	234	0.08%	0.011%
66	9.800	2705	2709	2711	rVV2	247	216	0.08%	0.010%
67	9.852	2719	2725	2741	rVV3	1684	2490	0.89%	0.113%
68	9.997	2766	2770	2772	rBV	259	234	0.08%	0.011%
69	10.138	2808	2814	2816	rBV2	356	412	0.15%	0.019%
70	10.260	2841	2852	2870	rVB	85578	134544	47.88%	6.098%
71	10.424	2894	2903	2919	rVB4	6106	9612	3.42%	0.436%

LSC Area Percent Report

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Misc : 5.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D5

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\SOM2VLM052019S.M
Title : VOC Analysis

72	10.550	2937	2942	2945	rVV4	556	492	0.18%	0.022%
73	10.627	2963	2966	2973	rVB4	782	774	0.28%	0.035%
74	10.961	3067	3070	3072	rBV2	301	238	0.08%	0.011%
75	10.980	3073	3076	3081	rVB4	426	413	0.15%	0.019%
76	11.199	3138	3144	3151	rVB4	1494	1663	0.59%	0.075%
77	11.296	3162	3174	3191	rBV	119862	195418	69.55%	8.857%
78	11.582	3253	3263	3271	rBV4	2103	3149	1.12%	0.143%
79	11.672	3280	3291	3306	rBV2	119916	190772	67.89%	8.646%
80	12.054	3406	3410	3413	rBV3	417	306	0.11%	0.014%
81	12.296	3474	3485	3496	rBV	4875	7586	2.70%	0.344%
82	12.392	3509	3515	3527	rVB3	1396	1836	0.65%	0.083%
83	12.717	3612	3616	3623	rVB6	1120	1174	0.42%	0.053%
84	13.148	3747	3750	3753	rBV	319	275	0.10%	0.012%
85	13.344	3807	3811	3814	rBV2	271	252	0.09%	0.011%
86	13.652	3905	3907	3913	rVB2	568	462	0.16%	0.021%
87	14.090	4034	4043	4055	rBV2	6615	10359	3.69%	0.470%
88	14.276	4097	4101	4105	rVB	313	278	0.10%	0.013%
89	15.035	4333	4337	4342	rBV3	230	252	0.09%	0.011%
90	15.411	4451	4454	4460	rBV	250	300	0.11%	0.014%
91	15.556	4492	4499	4503	rBV4	801	1007	0.36%	0.046%
92	15.688	4529	4540	4547	rBV2	1314	2382	0.85%	0.108%
93	16.360	4746	4749	4752	rBV2	330	221	0.08%	0.010%
94	16.402	4759	4762	4768	rVB3	339	275	0.10%	0.012%
95	16.546	4805	4807	4812	rVB3	319	264	0.09%	0.012%
96	16.823	4891	4893	4896	rVB2	477	204	0.07%	0.009%
97	16.897	4912	4916	4918	rBV3	488	403	0.14%	0.018%
98	17.305	5040	5043	5047	rBV2	409	354	0.13%	0.016%
99	17.379	5063	5066	5068	rBV3	616	393	0.14%	0.018%
100	17.604	5134	5136	5137	rBV2	648	251	0.09%	0.011%

Sum of corrected areas: 2206371

LSC Report - Integrated Chromatogram

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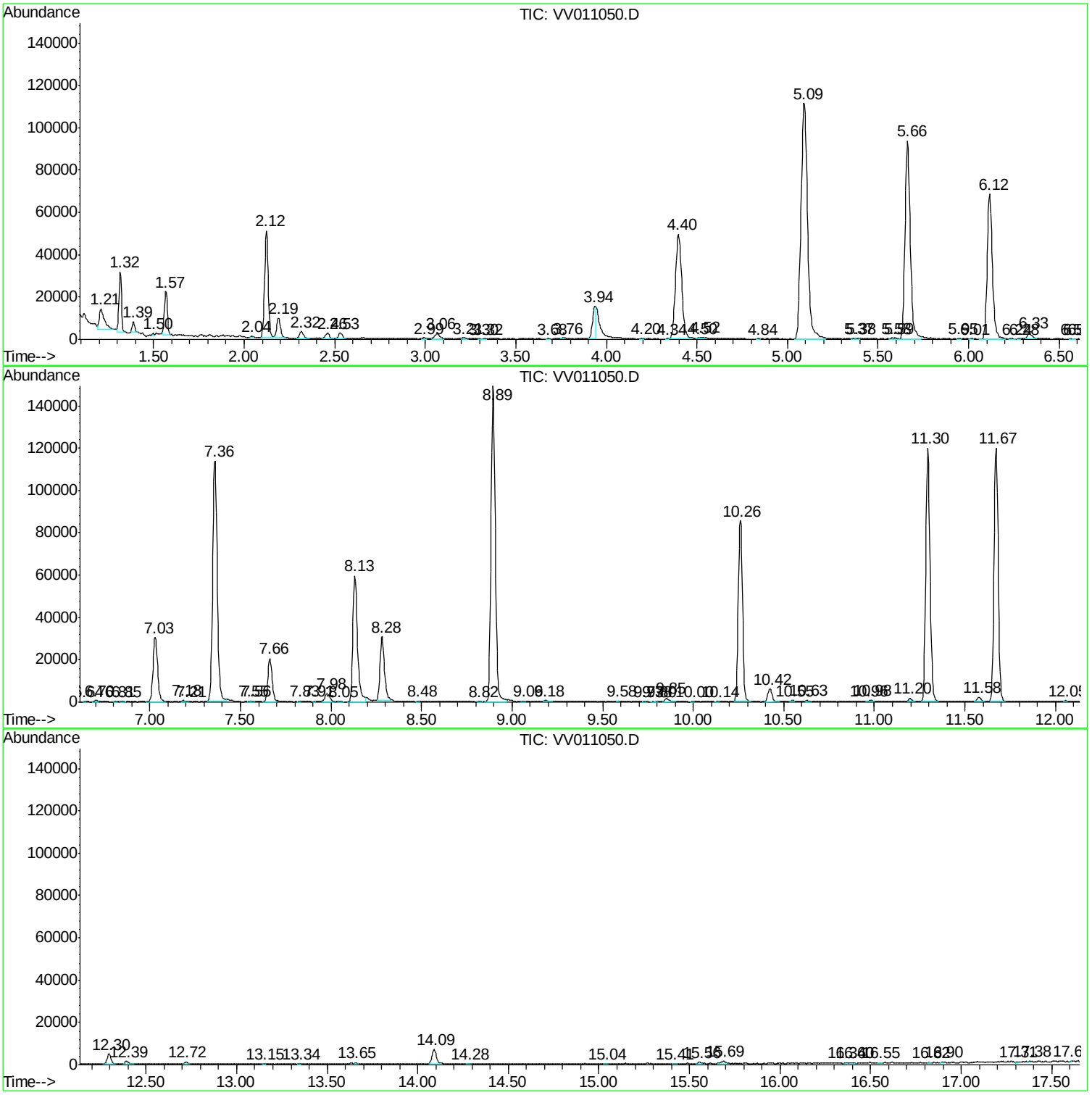
Misc : 5.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.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\VV052319\
Data File : VV011050.D
Acq On : 24 May 2019 04:07
Operator : SY/MD
Sample : K3016-18
Misc : 5.85G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

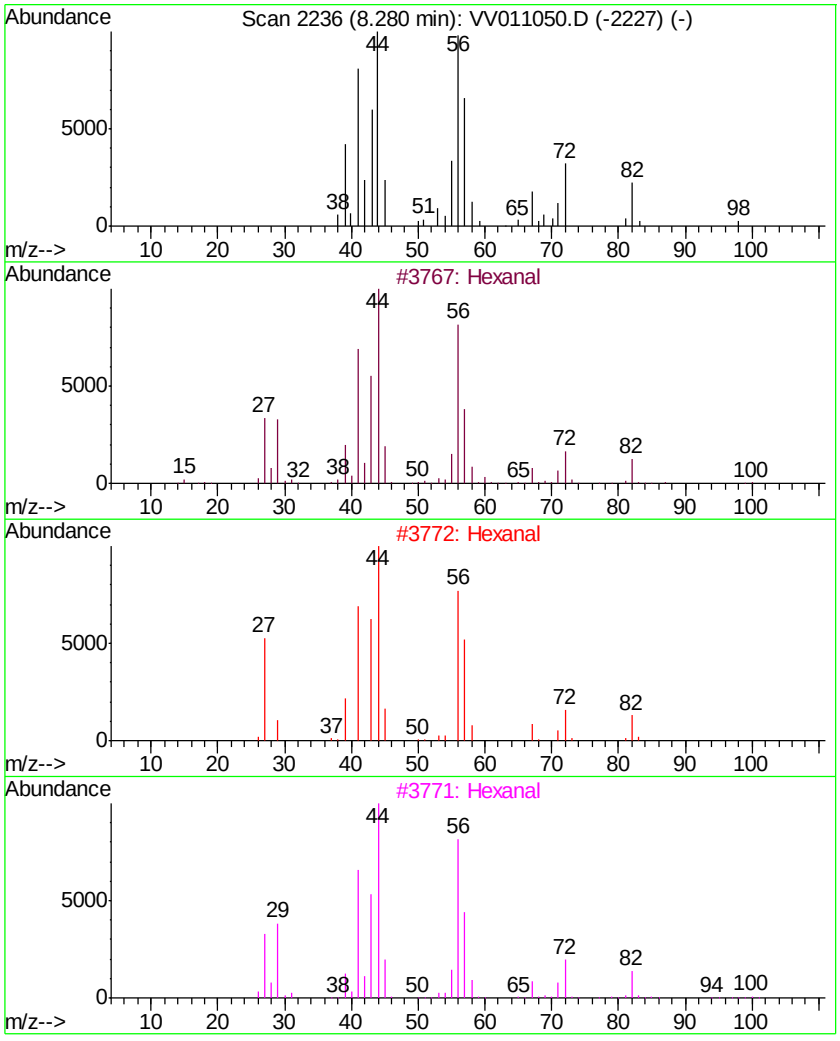
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

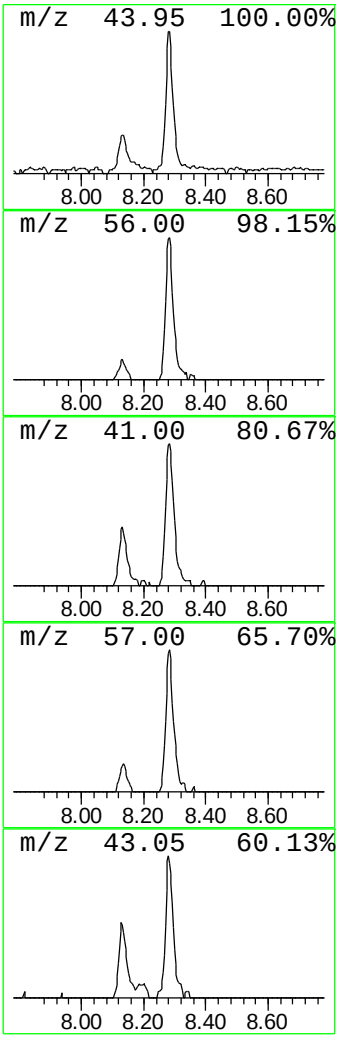
****

Peak Number 4 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	5.14 ug/L	50516	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	59
5	Butanal	72	C4H8O	000123-72-8	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
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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	5.1	ug/L	50516	2	8.89	245662	25.0