LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011080.D
Acq On : 28 May 2019 23:08
Operator : SY/MD
Sample : K3016-08
Misc : 5.56G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C7

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\SOM2VLM052819S.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	216963	195450	13.20%	1.757%
2	1.569	144	149	160	rVB	148911	170517	11.52%	1.532%
3	2.122	314	321	333	rVB	325764	452189	30.54%	4.064%
4	3.331	695	697	700	rBV4	1238	642	0.04%	0.006%
5	3.524	755	757	760	rBV4	1007	559	0.04%	0.005%
6	3.672	800	803	807	rBV6	933	732	0.05%	0.007%
7	3.939	875	886	913	rBV	72694	185661	12.54%	1.669%
8	4.222	972	974	975	rBV2	951	409	0.03%	0.004%
9	4.328	1004	1007	1008	rBV3	1376	806	0.05%	0.007%
10	4.399	1011	1029	1053	rVV	241169	581147	39.25%	5.223%
11	4.701	1120	1123	1126	rBV4	1552	1233	0.08%	0.011%
12	4.782	1145	1148	1149	rBV3	1140	592	0.04%	0.005%
13	5.093	1228	1245	1268	rBV2	602032	1480512	100.00%	13.306%
14	5.505	1371	1373	1376	rBV4	1383	762	0.05%	0.007%
15	5.662	1408	1422	1449	rBV	459572	934795	63.14%	8.401%
16	5.974	1518	1519	1524	rVB5	1371	1105	0.07%	0.010%
17	6.032	1534	1537	1543	rBV7	1239	1467	0.10%	0.013%
18	6.116	1547	1563	1586	rBV	345848	714458	48.26%	6.421%
19	6.334	1623	1631	1646	rBV2	17411	32947	2.23%	0.296%
20	6.460	1668	1670	1671	rBV2	853	302	0.02%	0.003%
21	6.518	1685	1688	1689	rBV3	708	400	0.03%	0.004%
22	6.556	1698	1700	1703	rBV4	693	503	0.03%	0.005%
23	6.621	1719	1720	1722	rBV2	413	199	0.01%	0.002%
24	6.643	1725	1727	1729	rBV2	1129	471	0.03%	0.004%
25	6.981	1830	1832	1834	rBV3	865	500	0.03%	0.004%
26	7.029	1834	1847	1870	rVV	209500	378874	25.59%	3.405%
27	7.270	1918	1922	1923	rBV4	1158	586	0.04%	0.005%
28	7.357	1937	1949	1973	rBV	684169	1228710	82.99%	11.043%
29	7.662	2034	2044	2065	rBV	136462	231239	15.62%	2.078%
30	7.933	2127	2128	2129	rBV	839	304	0.02%	0.003%
31	8.087	2172	2176	2178	rBV4	1313	1010	0.07%	0.009%
32	8.132	2178	2190	2210	rBV	273629	486607	32.87%	4.373%
33	8.283	2228	2237	2252	rVB	137883	222919	15.06%	2.003%
34	8.688	2361	2363	2365	rVB3	397	170	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052819\
Data File : VV011080.D
Acq On : 28 May 2019 23:08
Operator : SY/MD
Sample : K3016-08
Misc : 5.56G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C7

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\SOM2VLM052819S.M
Title : VOC Analysis

35	8.707	2365	2369	2371	rBV4	1831	1337	0.09%	0.012%
36	8.759	2383	2385	2386	rBV2	727	264	0.02%	0.002%
37	8.820	2402	2404	2407	rBV4	750	470	0.03%	0.004%
38	8.894	2412	2427	2454	rBV	691827	1169249	78.98%	10.508%
39	9.045	2471	2474	2476	rBV3	1139	865	0.06%	0.008%
40	9.183	2511	2517	2518	rBV5	3137	2627	0.18%	0.024%
41	9.479	2607	2609	2613	rVB3	1167	628	0.04%	0.006%
42	9.502	2613	2616	2617	rBV3	1237	730	0.05%	0.007%
43	9.566	2634	2636	2637	rBV2	1026	442	0.03%	0.004%
44	9.675	2668	2670	2671	rBV3	1183	615	0.04%	0.006%
45	9.746	2689	2692	2696	rBV6	954	810	0.05%	0.007%
46	9.804	2706	2710	2713	rBV5	1143	910	0.06%	0.008%
47	10.180	2825	2827	2830	rBV4	878	451	0.03%	0.004%
48	10.260	2840	2852	2868	rBV	344229	539545	36.44%	4.849%
49	10.421	2889	2902	2916	rVB2	23733	44408	3.00%	0.399%
50	10.527	2930	2935	2939	rVB6	1364	1327	0.09%	0.012%
51	10.566	2939	2947	2949	rBV7	2856	3825	0.26%	0.034%
52	10.691	2984	2986	2989	rVB3	1394	705	0.05%	0.006%
53	10.711	2989	2992	2994	rBV4	905	594	0.04%	0.005%
54	10.723	2994	2996	2998	rVV3	779	337	0.02%	0.003%
55	10.807	3016	3022	3030	rBV3	3161	5377	0.36%	0.048%
56	11.129	3120	3122	3123	rBV2	1175	470	0.03%	0.004%
57	11.296	3161	3174	3193	rBV	584955	974314	65.81%	8.756%
58	11.579	3253	3262	3272	rBV4	12990	23439	1.58%	0.211%
59	11.672	3279	3291	3308	rBV	574486	946318	63.92%	8.505%
60	11.923	3367	3369	3370	rBV2	946	358	0.02%	0.003%
61	12.167	3442	3445	3449	rVB7	1891	1325	0.09%	0.012%
62	12.196	3451	3454	3456	rBV4	840	553	0.04%	0.005%
63	12.228	3462	3464	3467	rBV4	1277	840	0.06%	0.008%
64	12.296	3479	3485	3493	rVB2	11780	18890	1.28%	0.170%
65	12.395	3507	3516	3529	rBV10	8094	15336	1.04%	0.138%
66	12.620	3581	3586	3588	rBV5	1084	1061	0.07%	0.010%
67	12.691	3605	3608	3609	rBV3	1601	1053	0.07%	0.009%
68	12.720	3610	3617	3624	rVB6	9198	13768	0.93%	0.124%
69	13.148	3745	3750	3752	rBV6	1463	1175	0.08%	0.011%
70	13.842	3964	3966	3968	rBV3	1352	573	0.04%	0.005%
71	14.093	4031	4044	4057	rBV	20382	40389	2.73%	0.363%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011080.D
Acq On : 28 May 2019 23:08
Operator : SY/MD
Sample : K3016-08
Misc : 5.56G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C7

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\SOM2VLM052819S.M
Title : VOC Analysis

72	14.376	4128	4132	4135	rBV5	3159	2893	0.20%	0.026%

Sum of corrected areas: 11127048

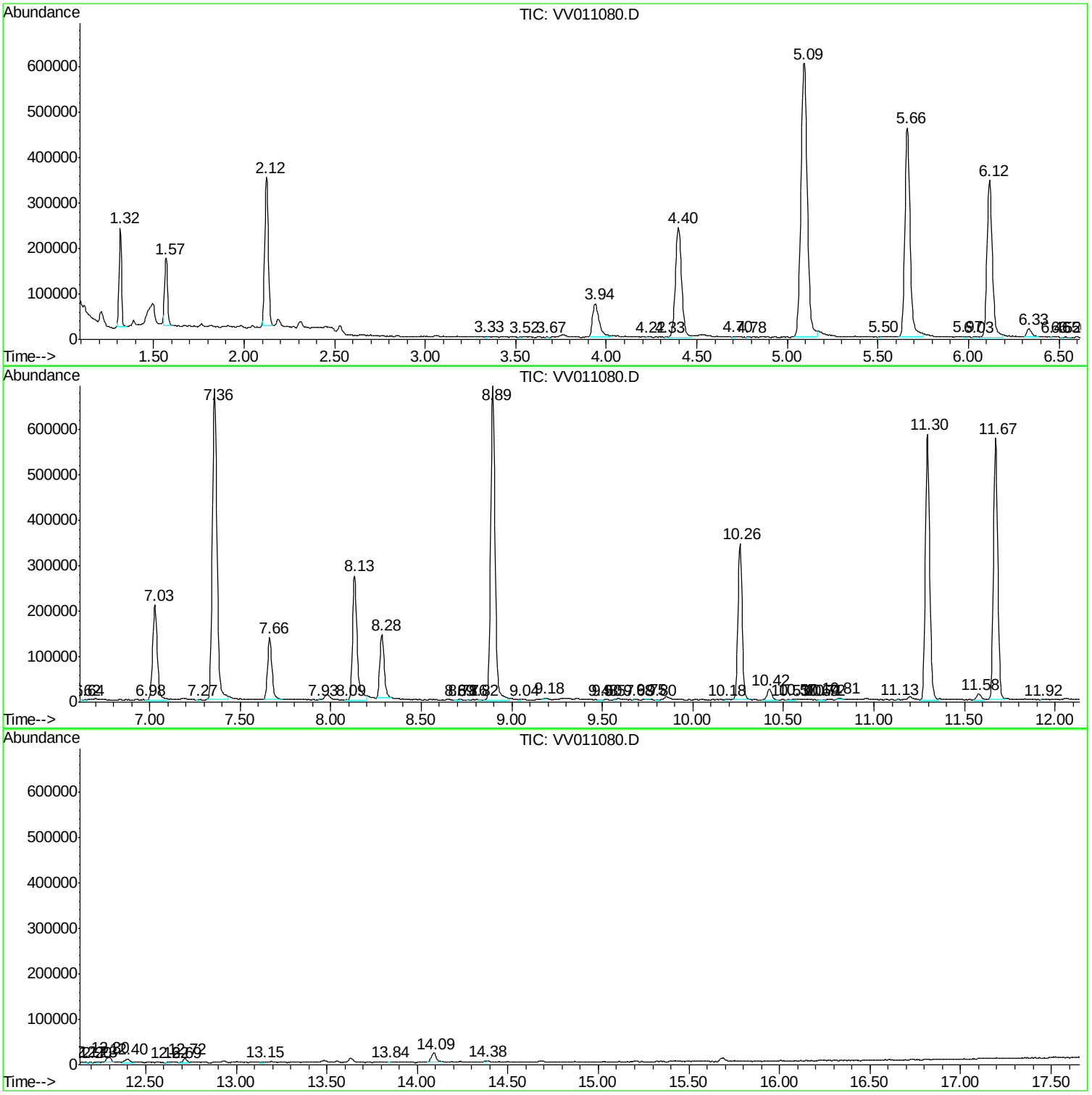
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011080.D
Acq On : 28 May 2019 23:08
Operator : SY/MD
Sample : K3016-08
Misc : 5.56G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.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\VV052819\
Data File : VV011080.D
Acq On : 28 May 2019 23:08
Operator : SY/MD
Sample : K3016-08
Misc : 5.56G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

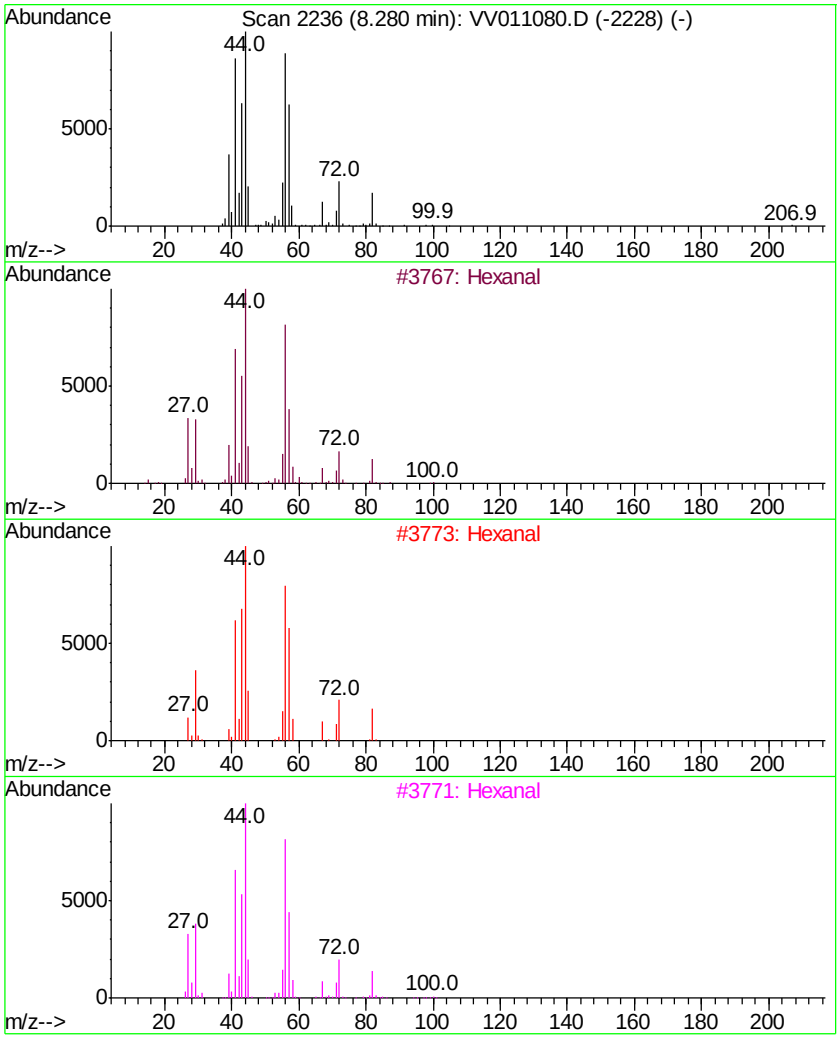
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

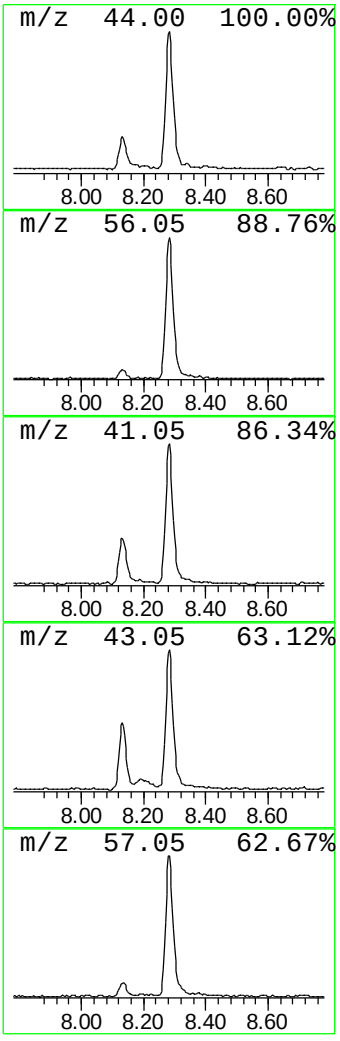
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	4.77 ug/L	222919	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	91
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	86
5	Butanal	72	C4H8O	000123-72-8	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052819\
Data File : VV011080.D
Acq On : 28 May 2019 23:08
Operator : SY/MD
Sample : K3016-08
Misc : 5.56G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51C7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
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	4.8	ug/L	222919	2	8.89	1169250	25.0