LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
Data File : VV010835.D
Acq On : 11 May 2019 02:15
Operator : SY/MD
Sample : K2692-21
Misc : 5.38G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5184

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\SOM2VLM050719S.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	79	rVB	12318	11899	16.42%	2.781%
2	1.576	146	151	160	rVB	9604	11337	15.64%	2.649%
3	2.122	314	321	334	rVB	19813	29388	40.54%	6.868%
4	2.463	421	427	434	rBV2	392	618	0.85%	0.144%
5	2.753	514	517	519	rVB2	276	174	0.24%	0.041%
6	2.769	519	522	526	rBV2	269	245	0.34%	0.057%
7	2.817	533	537	541	rBV2	281	269	0.37%	0.063%
8	2.978	583	587	588	rBV	223	174	0.24%	0.041%
9	3.013	595	598	601	rBV	287	226	0.31%	0.053%
10	3.087	618	621	625	rVB	423	318	0.44%	0.074%
11	3.139	634	637	642	rVB2	311	349	0.48%	0.082%
12	3.193	647	654	659	rBB2	287	421	0.58%	0.098%
13	3.235	660	667	669	rBV2	309	391	0.54%	0.091%
14	3.402	717	719	723	rVB	291	193	0.27%	0.045%
15	3.425	723	726	730	rBV2	260	239	0.33%	0.056%
16	3.450	730	734	736	rVV	312	278	0.38%	0.065%
17	3.463	736	738	740	rVV2	260	152	0.21%	0.036%
18	3.479	740	743	746	rVV2	282	271	0.37%	0.063%
19	3.492	746	747	752	rVB	286	179	0.25%	0.042%
20	3.756	822	829	830	rBV	266	245	0.34%	0.057%
21	3.881	865	868	870	rBV2	249	187	0.26%	0.044%
22	3.939	873	886	905	rBV3	2891	8470	11.68%	1.979%
23	4.090	931	933	935	rVB3	333	153	0.21%	0.036%
24	4.216	967	972	974	rBV	403	275	0.38%	0.064%
25	4.399	1015	1029	1046	rVB2	13780	32327	44.60%	7.554%
26	4.524	1065	1068	1070	rVB2	270	168	0.23%	0.039%
27	4.544	1071	1074	1076	rBV	252	192	0.26%	0.045%
28	4.624	1094	1099	1102	rVB2	184	160	0.22%	0.037%
29	4.666	1108	1112	1114	rBV	310	278	0.38%	0.065%
30	4.695	1117	1121	1124	rVV2	239	206	0.28%	0.048%
31	4.720	1124	1129	1131	rVV2	175	198	0.27%	0.046%
32	4.942	1195	1198	1202	rVB2	260	164	0.23%	0.038%
33	5.093	1227	1245	1265	rBV4	27878	72487	100.00%	16.939%
34	5.544	1382	1385	1390	rVB2	236	179	0.25%	0.042%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5184

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\SOM2VLM050719S.M
Title : VOC Analysis

35	5.566	1390	1392	1394	rBV2	230	166	0.23%	0.039%
36	5.663	1410	1422	1440	rBV4	20235	41840	57.72%	9.777%
37	5.791	1458	1462	1464	rBV3	390	319	0.44%	0.075%
38	5.833	1472	1475	1480	rBB	390	275	0.38%	0.064%
39	5.865	1481	1485	1489	rBV2	247	306	0.42%	0.072%
40	5.987	1520	1523	1524	rBV	265	151	0.21%	0.035%
41	6.116	1552	1563	1577	rVV3	16818	34078	47.01%	7.964%
42	6.302	1618	1621	1624	rBV2	184	148	0.20%	0.035%
43	6.486	1676	1678	1681	rVB2	287	183	0.25%	0.043%
44	6.505	1681	1684	1689	rBB	273	239	0.33%	0.056%
45	6.531	1690	1692	1695	rBV	256	169	0.23%	0.039%
46	6.585	1708	1709	1713	rVV2	301	151	0.21%	0.035%
47	6.675	1734	1737	1740	rVV2	173	149	0.21%	0.035%
48	6.884	1797	1802	1806	rBV	188	246	0.34%	0.057%
49	7.032	1837	1848	1866	rBV2	7346	12825	17.69%	2.997%
50	7.225	1906	1908	1913	rBV2	245	155	0.21%	0.036%
51	7.360	1939	1950	1967	rBV	22545	40441	55.79%	9.451%
52	7.669	2037	2046	2055	rBV2	4389	6939	9.57%	1.622%
53	7.830	2092	2096	2098	rBV2	207	160	0.22%	0.037%
54	7.916	2120	2123	2129	rVB3	289	213	0.29%	0.050%
55	8.135	2180	2191	2202	rBV2	6917	13249	18.28%	3.096%
56	8.286	2230	2238	2247	rBV5	5574	9070	12.51%	2.120%
57	8.511	2303	2308	2309	rBV5	253	165	0.23%	0.039%
58	8.605	2333	2337	2342	rBV2	212	150	0.21%	0.035%
59	8.672	2355	2358	2360	rBV	287	208	0.29%	0.049%
60	8.724	2372	2374	2378	rVB	253	163	0.22%	0.038%
61	8.749	2378	2382	2387	rBV2	315	355	0.49%	0.083%
62	8.842	2407	2411	2414	rBV2	276	280	0.39%	0.065%
63	8.894	2418	2427	2442	rVV	21675	36934	50.95%	8.631%
64	9.058	2475	2478	2482	rVB2	361	220	0.30%	0.051%
65	9.183	2514	2517	2520	rVB2	369	273	0.38%	0.064%
66	9.203	2520	2523	2526	rBV2	205	164	0.23%	0.038%
67	9.328	2556	2562	2566	rBV2	317	400	0.55%	0.093%
68	9.392	2580	2582	2585	rVB	268	145	0.20%	0.034%
69	9.466	2601	2605	2607	rVB2	272	167	0.23%	0.039%
70	9.675	2667	2670	2674	rBV2	185	198	0.27%	0.046%
71	9.723	2683	2685	2688	rBV	261	206	0.28%	0.048%

LSC Area Percent Report

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ClientSampleId : A5184

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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\SOM2VLM050719S.M
Title : VOC Analysis

72	9.859	2723	2727	2730	rBV2	322	251	0.35%	0.059%
73	9.974	2760	2763	2766	rBB2	244	180	0.25%	0.042%
74	9.994	2767	2769	2773	rBV	286	272	0.38%	0.064%
75	10.260	2844	2852	2865	rBV2	12088	19208	26.50%	4.489%
76	10.379	2886	2889	2892	rBV2	199	170	0.23%	0.040%
77	10.421	2899	2902	2905	rBV3	313	275	0.38%	0.064%
78	10.469	2913	2917	2921	rBV	248	249	0.34%	0.058%
79	10.733	2994	2999	3001	rBV	154	163	0.22%	0.038%
80	10.855	3034	3037	3040	rBV	202	185	0.26%	0.043%
81	10.952	3060	3067	3075	rVB5	1140	1674	2.31%	0.391%
82	10.984	3075	3077	3081	rBV	309	193	0.27%	0.045%
83	11.170	3129	3135	3138	rBV2	264	353	0.49%	0.082%
84	11.299	3166	3175	3190	rVV4	7117	12366	17.06%	2.890%
85	11.399	3203	3206	3208	rBV	254	206	0.28%	0.048%
86	11.550	3250	3253	3256	rBV2	225	200	0.28%	0.047%
87	11.572	3256	3260	3271	rVB4	698	1193	1.65%	0.279%
88	11.621	3271	3275	3277	rBV	210	218	0.30%	0.051%
89	11.675	3283	3292	3303	rVB3	7916	13361	18.43%	3.122%
90	11.762	3316	3319	3321	rBV	303	246	0.34%	0.057%
91	12.090	3418	3421	3423	rBV	230	180	0.25%	0.042%
92	12.228	3459	3464	3467	rBV2	424	512	0.71%	0.120%
93	12.540	3556	3561	3562	rBV	245	187	0.26%	0.044%
94	13.206	3765	3768	3772	rBV2	209	188	0.26%	0.044%
95	13.791	3947	3950	3954	rBV	289	286	0.39%	0.067%
96	14.016	4018	4020	4027	rVB2	371	275	0.38%	0.064%
97	14.048	4027	4030	4032	rBV	213	166	0.23%	0.039%
98	14.427	4141	4148	4151	rBV2	285	358	0.49%	0.084%
99	14.772	4251	4255	4258	rBV2	209	221	0.30%	0.052%
100	15.534	4489	4492	4496	rBV3	324	277	0.38%	0.065%

Sum of corrected areas: 427923

LSC Report - Integrated Chromatogram

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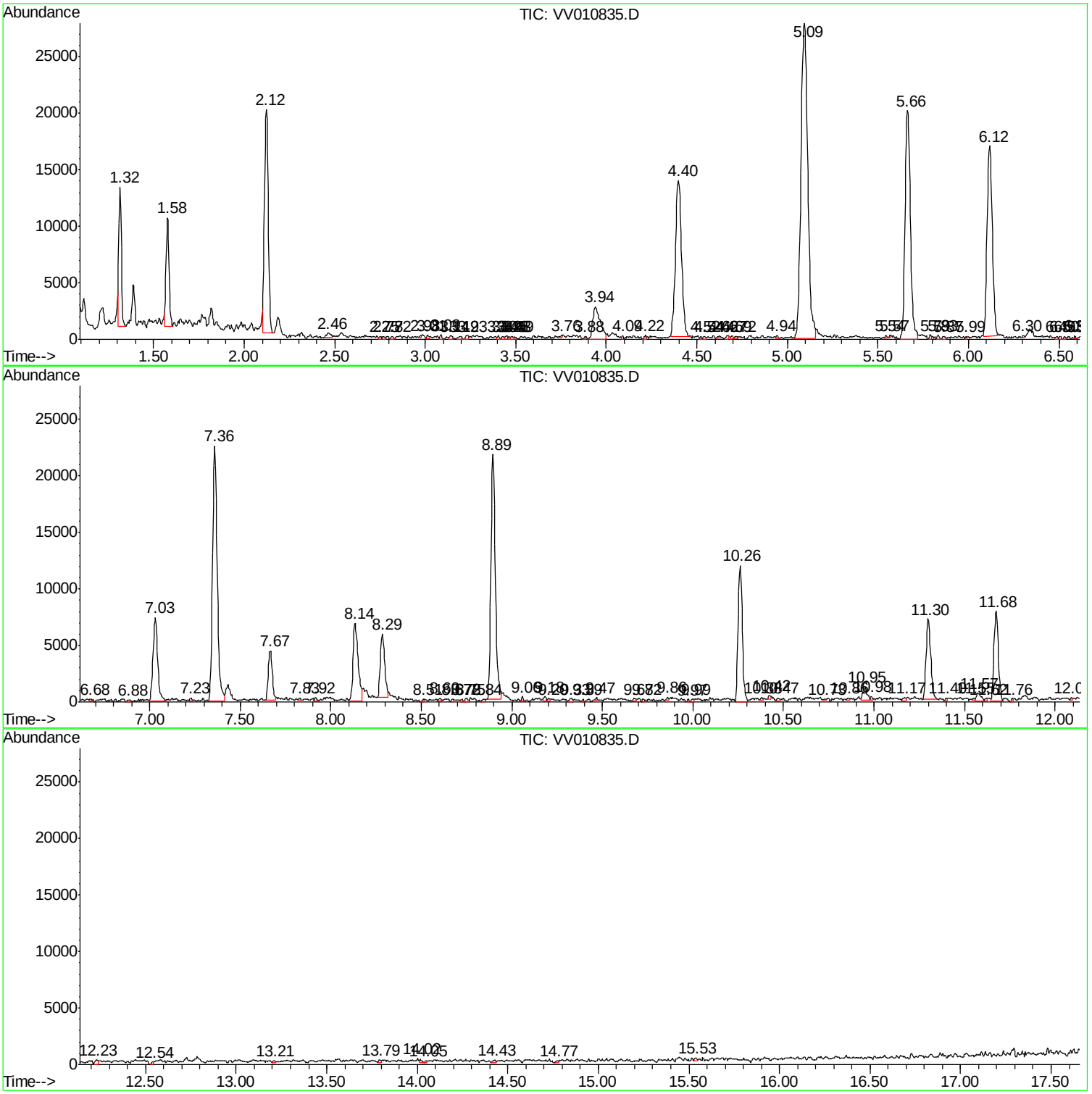
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5184

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.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\VV050919\
Data File : VV010835.D
Acq On : 11 May 2019 02:15
Operator : SY/MD
Sample : K2692-21
Misc : 5.38G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5184

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

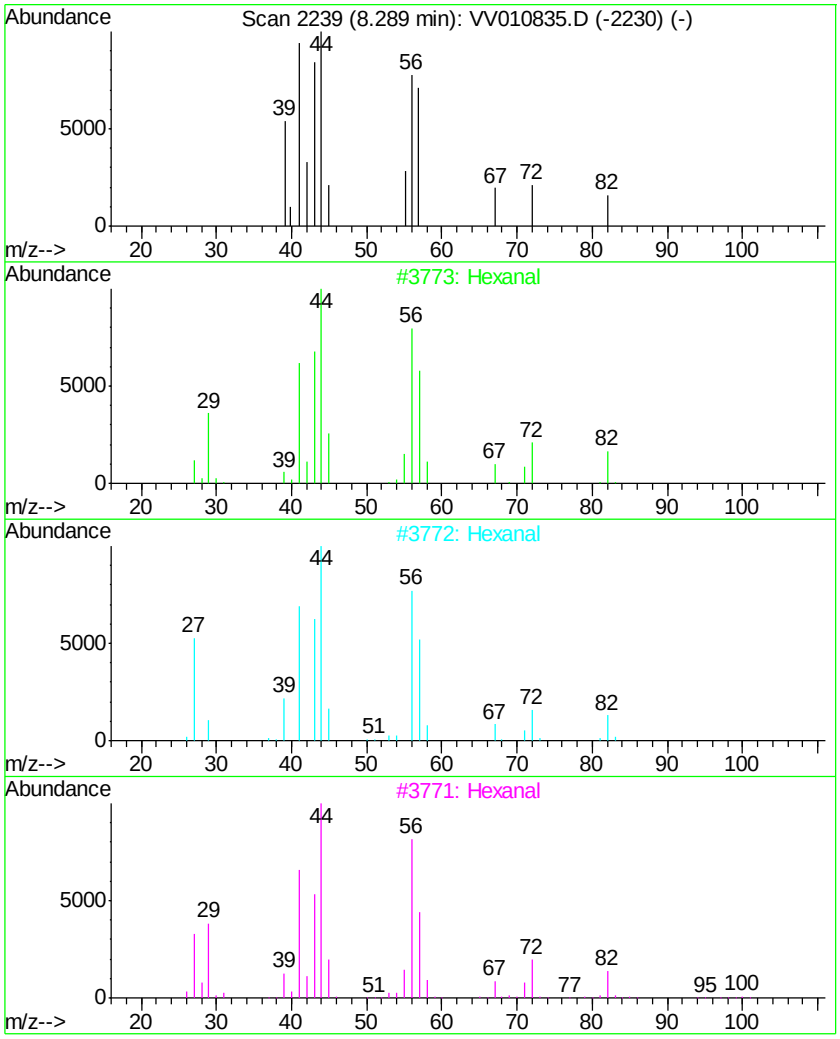
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

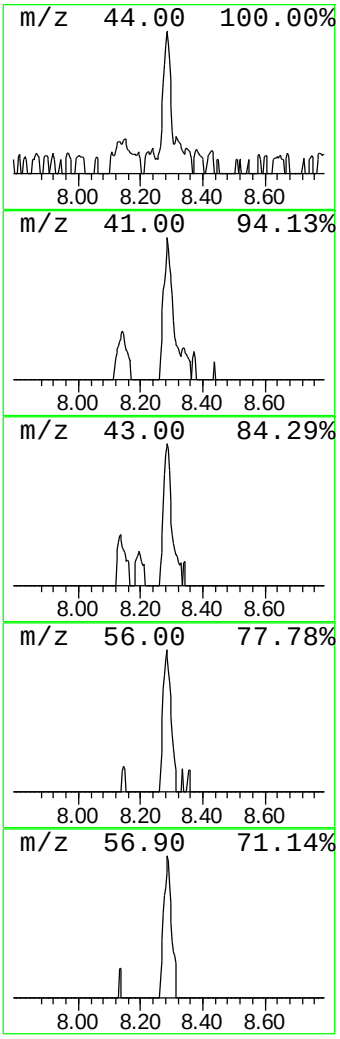
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	6.14 ug/L	9070	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	45
5	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	40





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	8.29	6.1	ug/L	9070	2	8.89	36934	25.0