LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
Data File : VV011049.D
Acq On : 24 May 2019 03:39
Operator : SY/MD
Sample : K3016-17
Misc : 4.95G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D4

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	1.315	64	70	81	rVB	22989	22708	10.74%	1.333%
2	1.515	128	132	134	rBV3	1203	1040	0.49%	0.061%
3	1.566	142	148	157	rVB	15666	17480	8.27%	1.026%
4	1.981	272	277	289	rVB5	1034	1627	0.77%	0.096%
5	2.122	310	321	333	rVB	39701	58666	27.75%	3.445%
6	2.190	333	342	351	rBV	5355	7695	3.64%	0.452%
7	2.312	371	380	391	rVB4	3289	5327	2.52%	0.313%
8	2.438	417	419	420	rVV2	466	232	0.11%	0.014%
9	2.457	420	425	433	rVV4	1862	2750	1.30%	0.161%
10	2.528	437	447	455	rVB4	2038	3266	1.54%	0.192%
11	2.634	477	480	482	rBV2	323	231	0.11%	0.014%
12	3.068	605	615	625	rVB5	1848	3844	1.82%	0.226%
13	3.270	673	678	681	rBV	223	262	0.12%	0.015%
14	3.521	750	756	761	rBV	256	336	0.16%	0.020%
15	3.756	819	829	831	rBV4	1062	1694	0.80%	0.099%
16	3.936	874	885	908	rBV2	13981	37430	17.70%	2.198%
17	4.077	927	929	932	rBV2	371	234	0.11%	0.014%
18	4.184	959	962	966	rBV	209	214	0.10%	0.013%
19	4.238	975	979	984	rBV2	247	295	0.14%	0.017%
20	4.396	1012	1028	1050	rBV2	37515	89315	42.24%	5.245%
21	4.605	1090	1093	1098	rVB2	248	165	0.08%	0.010%
22	4.679	1113	1116	1121	rBV3	256	249	0.12%	0.015%
23	4.785	1145	1149	1155	rBV2	361	508	0.24%	0.030%
24	4.910	1183	1188	1191	rBV2	197	179	0.08%	0.011%
25	5.090	1228	1244	1266	rBV3	86455	211423	100.00%	12.415%
26	5.277	1299	1302	1306	rVB2	304	234	0.11%	0.014%
27	5.296	1306	1308	1311	rVB2	287	197	0.09%	0.012%
28	5.527	1376	1380	1390	rVB2	236	450	0.21%	0.026%
29	5.572	1390	1394	1396	rBV	504	431	0.20%	0.025%
30	5.663	1407	1422	1444	rBV	68518	139098	65.79%	8.168%
31	6.116	1550	1563	1580	rVV2	50572	100174	47.38%	5.882%
32	6.212	1589	1593	1596	rVB2	355	217	0.10%	0.013%
33	6.267	1606	1610	1613	rBV	321	248	0.12%	0.015%
34	6.331	1620	1630	1645	rBV3	7114	13741	6.50%	0.807%

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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
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Peak separation: 5

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

35	6.650	1726	1729	1734	rVV3	245	251	0.12%	0.015%
36	6.708	1738	1747	1753	rBV2	648	1110	0.53%	0.065%
37	6.736	1753	1756	1759	rBV	177	171	0.08%	0.010%
38	6.920	1806	1813	1818	rBV2	201	357	0.17%	0.021%
39	7.029	1838	1847	1864	rVB	22362	37880	17.92%	2.224%
40	7.097	1864	1868	1871	rBV3	224	182	0.09%	0.011%
41	7.187	1893	1896	1901	rVB2	409	284	0.13%	0.017%
42	7.270	1918	1922	1924	rBV	206	167	0.08%	0.010%
43	7.357	1937	1949	1965	rBV	83984	146256	69.18%	8.588%
44	7.479	1983	1987	1990	rBV2	408	369	0.17%	0.022%
45	7.601	2022	2025	2030	rBV	177	195	0.09%	0.011%
46	7.662	2035	2044	2059	rVV2	14159	23812	11.26%	1.398%
47	7.810	2088	2090	2097	rBV3	273	292	0.14%	0.017%
48	7.916	2121	2123	2126	rBV	218	166	0.08%	0.010%
49	7.936	2126	2129	2134	rBV	271	251	0.12%	0.015%
50	7.978	2134	2142	2150	rBV3	1953	3164	1.50%	0.186%
51	8.068	2166	2170	2171	rBV	300	195	0.09%	0.011%
52	8.087	2171	2176	2178	rBV	194	191	0.09%	0.011%
53	8.132	2180	2190	2207	rBV	50508	90859	42.97%	5.335%
54	8.280	2225	2236	2256	rBV	69227	116360	55.04%	6.833%
55	8.408	2273	2276	2280	rVB2	355	211	0.10%	0.012%
56	8.524	2307	2312	2316	rVB	214	209	0.10%	0.012%
57	8.579	2323	2329	2331	rBV2	171	226	0.11%	0.013%
58	8.894	2416	2427	2446	rBV	103542	170502	80.64%	10.012%
59	9.058	2474	2478	2481	rVB2	435	340	0.16%	0.020%
60	9.109	2491	2494	2498	rVB	406	335	0.16%	0.020%
61	9.177	2510	2515	2516	rBV	348	289	0.14%	0.017%
62	9.254	2536	2539	2542	rBV2	477	270	0.13%	0.016%
63	9.363	2571	2573	2577	rVB2	341	188	0.09%	0.011%
64	9.582	2637	2641	2647	rVB3	365	355	0.17%	0.021%
65	9.656	2661	2664	2667	rBV2	285	224	0.11%	0.013%
66	9.849	2717	2724	2733	rVV5	2610	3649	1.73%	0.214%
67	10.260	2838	2852	2867	rBV	69483	107526	50.86%	6.314%
68	10.421	2893	2902	2913	rBV2	9784	16361	7.74%	0.961%
69	10.621	2962	2964	2970	rVB3	311	213	0.10%	0.013%
70	10.887	3042	3047	3050	rBV2	216	239	0.11%	0.014%
71	11.196	3137	3143	3151	rVV5	1834	2452	1.16%	0.144%

LSC Area Percent Report

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Instrument : MSVOA_V
ClientSampleId : A51D4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOM2VLM052019S.M
Title : VOC Analysis

72	11.296	3161	3174	3189	rVB	70092	118053	55.84%	6.932%
73	11.572	3255	3260	3274	rVB3	1940	2953	1.40%	0.173%
74	11.672	3280	3291	3305	rBV	72228	116335	55.02%	6.831%
75	11.948	3374	3377	3382	rVB	278	250	0.12%	0.015%
76	11.984	3382	3388	3391	rBV	309	364	0.17%	0.021%
77	12.055	3405	3410	3416	rVB5	659	679	0.32%	0.040%
78	12.251	3466	3471	3473	rBV2	229	242	0.11%	0.014%
79	12.296	3478	3485	3496	rVB2	2465	3761	1.78%	0.221%
80	12.395	3509	3516	3524	rBV5	1483	1811	0.86%	0.106%
81	12.714	3611	3615	3616	rBV2	639	401	0.19%	0.024%
82	12.823	3643	3649	3650	rBV2	307	248	0.12%	0.015%
83	13.141	3745	3748	3753	rBV2	201	187	0.09%	0.011%
84	13.276	3786	3790	3793	rBV2	261	261	0.12%	0.015%
85	13.858	3968	3971	3977	rVB2	197	173	0.08%	0.010%
86	14.090	4032	4043	4055	rBV2	2478	4487	2.12%	0.263%
87	14.868	4282	4285	4288	rVB	301	187	0.09%	0.011%
88	14.913	4296	4299	4302	rVB	293	169	0.08%	0.010%
89	14.948	4306	4310	4314	rBV2	294	320	0.15%	0.019%
90	15.071	4344	4348	4351	rBV2	182	198	0.09%	0.012%
91	15.537	4489	4493	4497	rBV2	310	349	0.17%	0.020%
92	15.685	4535	4539	4542	rBV4	615	539	0.25%	0.032%
93	15.910	4607	4609	4615	rVB3	221	201	0.10%	0.012%
94	15.935	4615	4617	4622	rBV2	313	325	0.15%	0.019%
95	16.511	4794	4796	4801	rVB3	404	285	0.13%	0.017%
96	16.955	4932	4934	4937	rBV3	506	275	0.13%	0.016%
97	17.141	4990	4992	4995	rBV3	429	276	0.13%	0.016%
98	17.218	5013	5016	5019	rBV2	724	677	0.32%	0.040%
99	17.283	5034	5036	5040	rBV3	529	484	0.23%	0.028%
100	17.427	5079	5081	5084	rBV2	767	460	0.22%	0.027%

Sum of corrected areas: 1703011

LSC Report - Integrated Chromatogram

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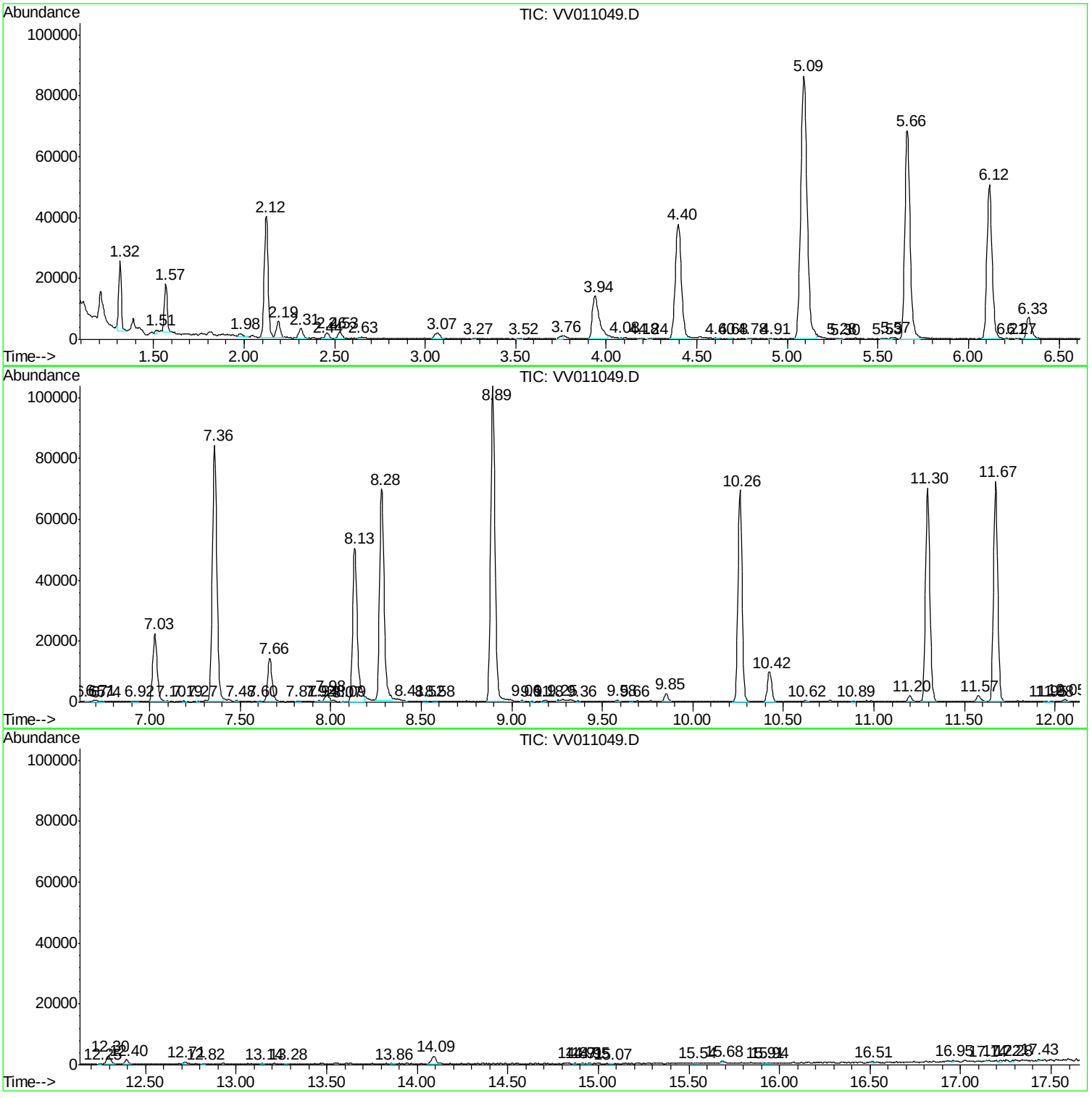
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D4

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 : VV011049.D
Acq On : 24 May 2019 03:39
Operator : SY/MD
Sample : K3016-17
Misc : 4.95G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51D4

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

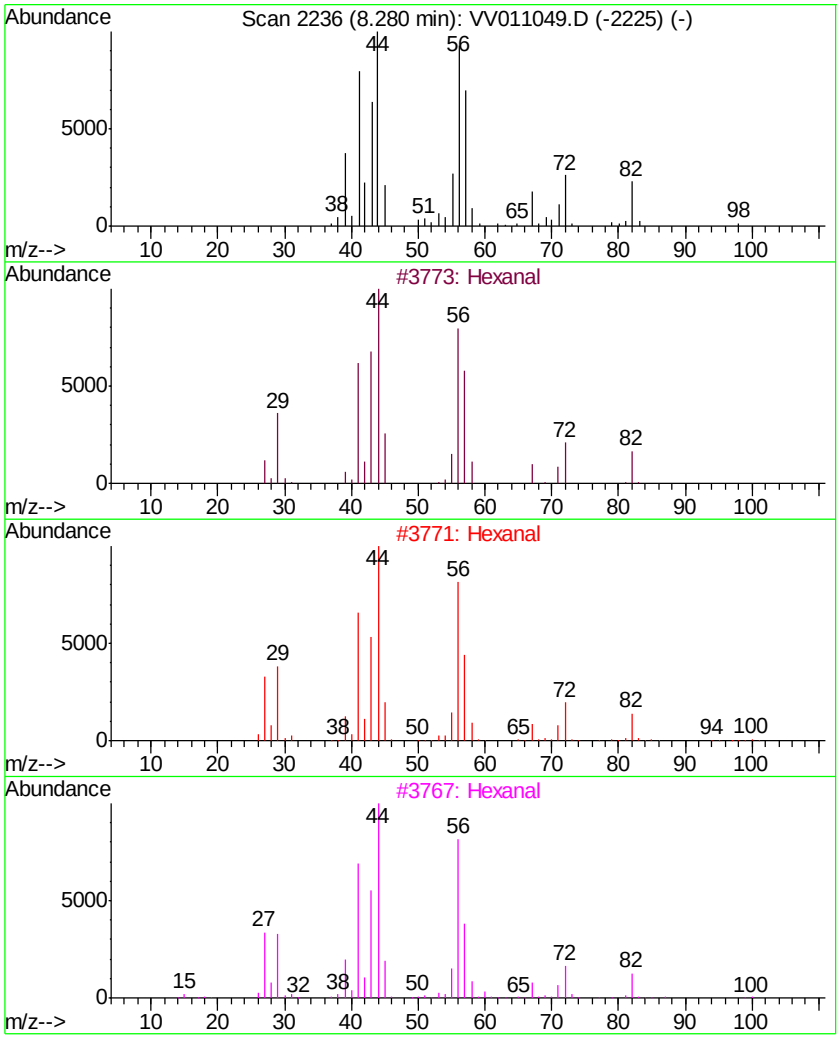
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

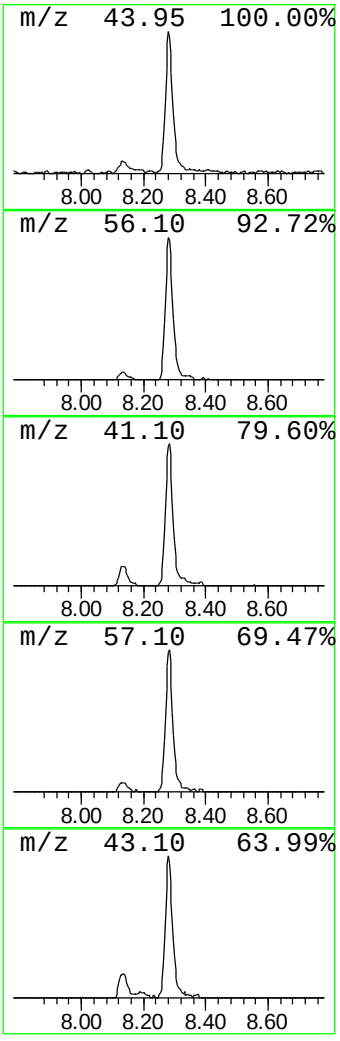
****

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	17.06 ug/L	116360	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	83
2	Hexanal	100	C6H12O	000066-25-1	78
3	Hexanal	100	C6H12O	000066-25-1	72
4	Hexanal	100	C6H12O	000066-25-1	72
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
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Quant Title : VOC Analysis

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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	17.1	ug/L	116360	2	8.89	170502	25.0