LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011164.D
Acq On : 31 May 2019 06:09
Operator : SY/MD
Sample : K3017-11
Misc : 5.33G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E4

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\SOM2VLM053019S.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	1.309	63	68	75	rVB	185112	167919	12.62%	1.814%
2	1.566	144	148	159	rVB	129863	154287	11.60%	1.667%
3	2.116	311	319	331	rVB	296887	433712	32.60%	4.686%
4	2.849	545	547	549	rBV3	1298	723	0.05%	0.008%
5	3.290	683	684	685	rBV	842	206	0.02%	0.002%
6	3.331	695	697	698	rBV2	660	204	0.02%	0.002%
7	3.396	716	717	720	rVB3	666	234	0.02%	0.003%
8	3.434	720	729	730	rBV7	1199	1385	0.10%	0.015%
9	3.505	749	751	753	rBV3	884	556	0.04%	0.006%
10	3.614	782	785	786	rBV2	544	305	0.02%	0.003%
11	3.743	816	825	838	rBV2	11802	27056	2.03%	0.292%
12	3.933	874	884	902	rBV	42210	110714	8.32%	1.196%
13	4.286	991	994	995	rBV3	1948	984	0.07%	0.011%
14	4.392	1011	1027	1049	rBV	222380	540501	40.62%	5.839%
15	4.852	1165	1170	1173	rBV6	1747	1871	0.14%	0.020%
16	5.003	1215	1217	1223	rVB5	1278	1040	0.08%	0.011%
17	5.087	1223	1243	1272	rBV2	532741	1330601	100.00%	14.375%
18	5.370	1322	1331	1340	rBV4	8894	19873	1.49%	0.215%
19	5.531	1371	1381	1382	rBV7	4650	6508	0.49%	0.070%
20	5.659	1408	1421	1442	rBV	433480	856416	64.36%	9.252%
21	6.113	1549	1562	1589	rBV	319533	641653	48.22%	6.932%
22	6.328	1620	1629	1646	rBV2	62941	117193	8.81%	1.266%
23	6.778	1766	1769	1771	rBV4	946	615	0.05%	0.007%
24	6.897	1800	1806	1808	rBV6	1456	1590	0.12%	0.017%
25	6.978	1829	1831	1832	rBV2	948	374	0.03%	0.004%
26	7.026	1836	1846	1868	rVB2	158336	282506	21.23%	3.052%
27	7.264	1918	1920	1921	rBV2	1713	763	0.06%	0.008%
28	7.357	1931	1949	1966	rBV	580122	1045408	78.57%	11.294%
29	7.659	2033	2043	2060	rBV	92434	165423	12.43%	1.787%
30	8.132	2179	2190	2217	rBV	156397	301198	22.64%	3.254%
31	8.280	2226	2236	2256	rBV	302124	490944	36.90%	5.304%
32	8.894	2412	2427	2448	rBV	578378	964717	72.50%	10.423%
33	9.129	2498	2500	2504	rVB3	1242	595	0.04%	0.006%
34	9.527	2616	2624	2634	rBV4	19615	41525	3.12%	0.449%

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Integrator: RTE
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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\SOM2VLM053019S.M
Title : VOC Analysis

35	9.739	2687	2690	2692	rBV3	3289	2501	0.19%	0.027%
36	9.852	2719	2725	2737	rVB5	15968	23040	1.73%	0.249%
37	10.260	2839	2852	2869	rBV	214408	350313	26.33%	3.785%
38	11.296	3162	3174	3194	rVB	353835	593086	44.57%	6.408%
39	11.672	3279	3291	3304	rBV	312894	508333	38.20%	5.492%
40	12.222	3461	3462	3469	rVB7	1573	1281	0.10%	0.014%
41	12.292	3475	3484	3496	rVB2	23658	41742	3.14%	0.451%
42	12.395	3509	3516	3523	rBV8	6854	11211	0.84%	0.121%
43	12.444	3529	3531	3533	rBV2	1595	947	0.07%	0.010%
44	12.572	3569	3571	3575	rVB3	1168	511	0.04%	0.006%
45	12.907	3672	3675	3676	rBV2	1350	673	0.05%	0.007%
46	12.929	3680	3682	3685	rBV4	1739	1068	0.08%	0.012%
47	13.003	3701	3705	3708	rBV4	1651	1316	0.10%	0.014%
48	13.289	3791	3794	3795	rBV3	896	426	0.03%	0.005%
49	13.308	3795	3800	3808	rVV10	2272	3678	0.28%	0.040%
50	13.341	3808	3810	3812	rVB3	1186	407	0.03%	0.004%
51	13.373	3818	3820	3825	rVB5	1062	651	0.05%	0.007%
52	13.611	3892	3894	3896	rBV2	1074	626	0.05%	0.007%
53	13.849	3966	3968	3972	rBV5	1147	864	0.06%	0.009%
54	14.022	4019	4022	4026	rBV4	1439	959	0.07%	0.010%
55	14.611	4203	4205	4208	rVB2	1286	547	0.04%	0.006%
56	14.746	4245	4247	4249	rBV3	1136	565	0.04%	0.006%
57	14.845	4275	4278	4279	rBV2	1508	907	0.07%	0.010%
58	15.199	4386	4388	4391	rBV4	1319	822	0.06%	0.009%

Sum of corrected areas: 9256073

LSC Report - Integrated Chromatogram

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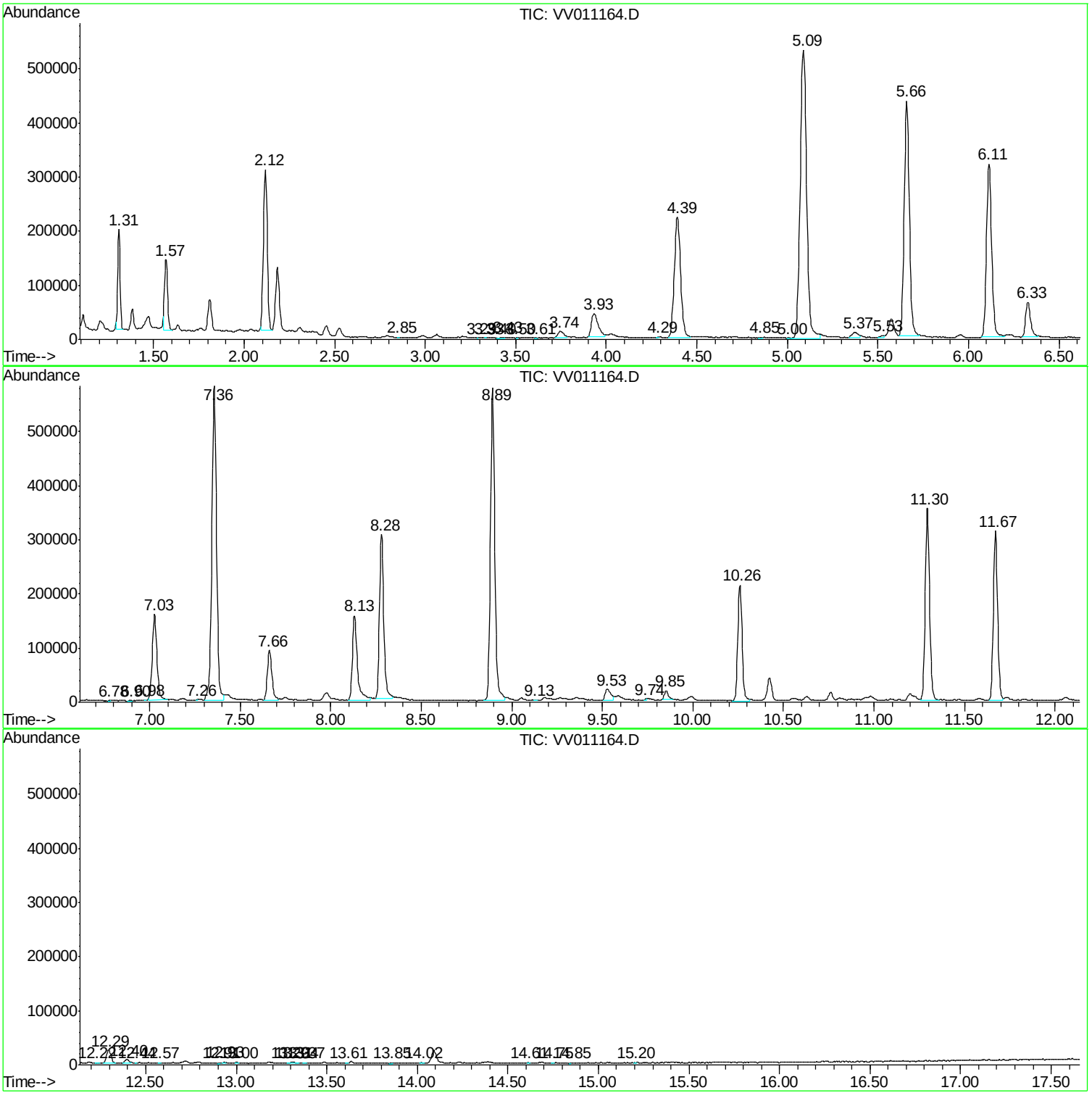
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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\VV053019\
Data File : VV011164.D
Acq On : 31 May 2019 06:09
Operator : SY/MD
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Misc : 5.33G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

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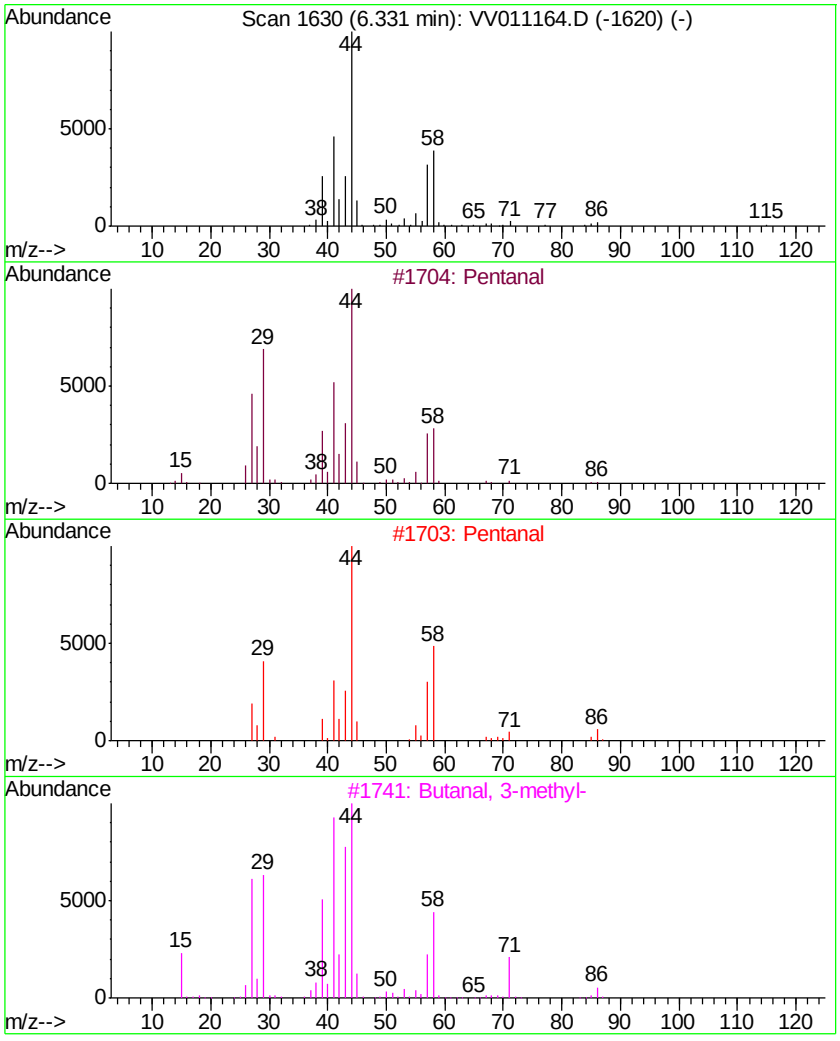
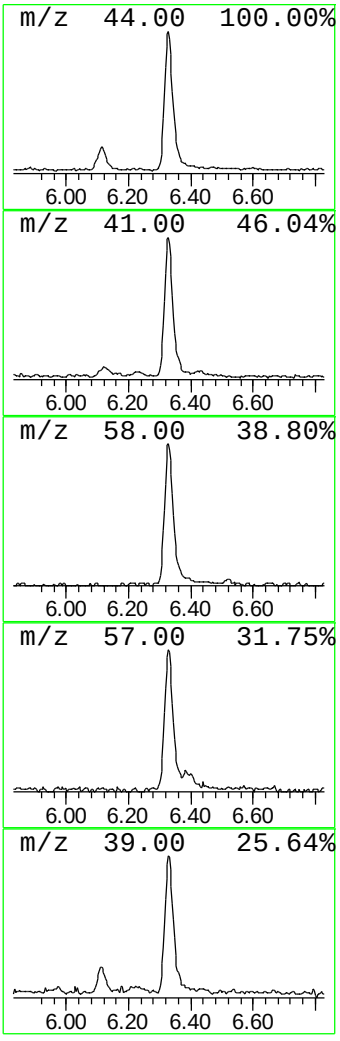
Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	3.42 ug/L	117193	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	74
2	Pentanal	86	C5H10O	000110-62-3	64
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	53
4	Pentanal	86	C5H10O	000110-62-3	53
5	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	43





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

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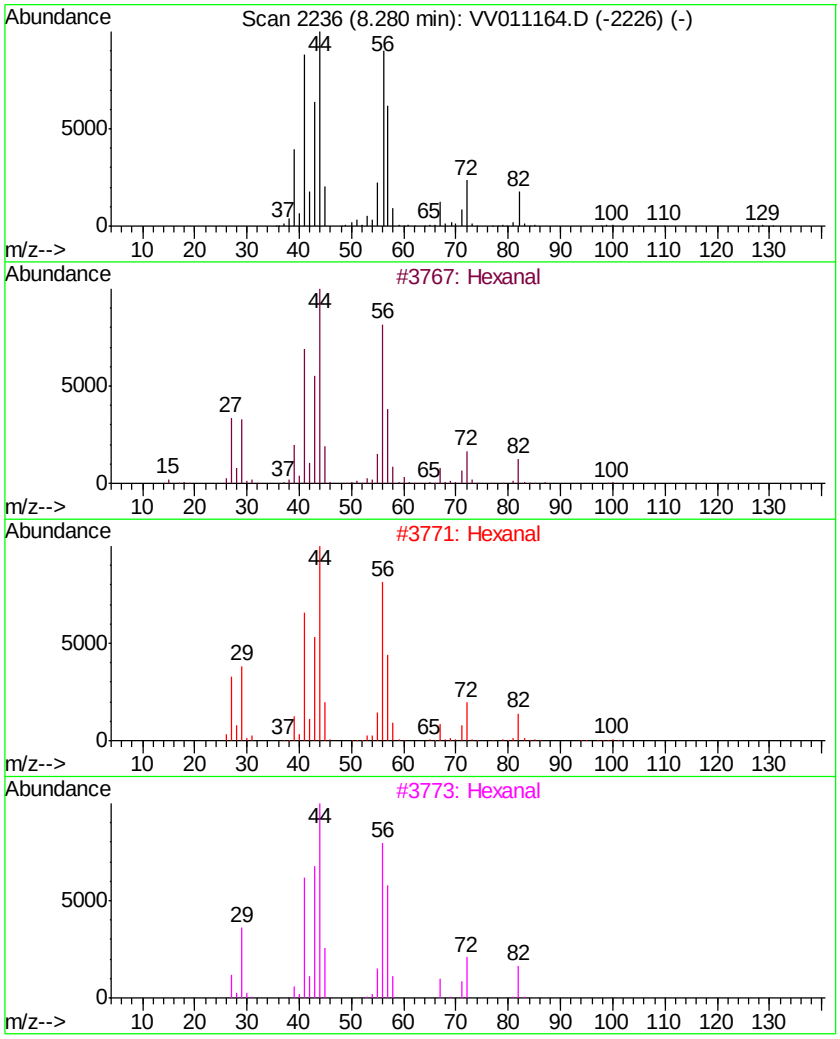
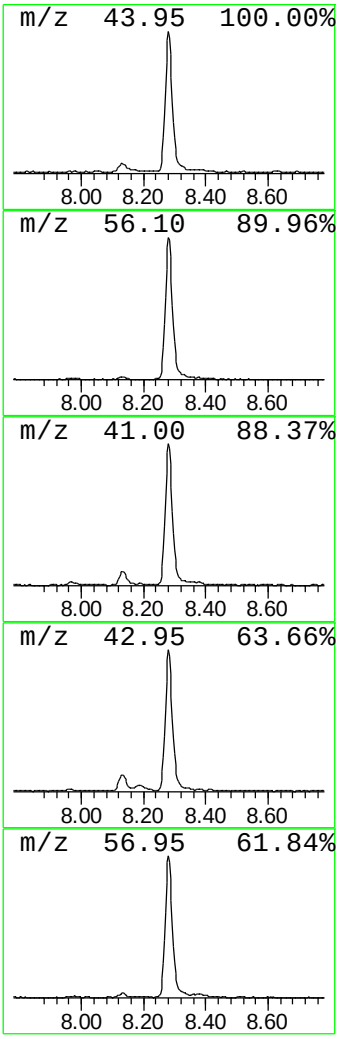
Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	12.72 ug/L	490944	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	87
2	Hexanal	100	C6H12O	000066-25-1	80
3	Hexanal	100	C6H12O	000066-25-1	80
4	Hexanal	100	C6H12O	000066-25-1	72
5	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
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Acq On : 31 May 2019 06:09
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51E4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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
Pentanal	6.33	3.4	ug/L	117193	1	5.66	856416	25.0
Hexanal	8.28	12.7	ug/L	490944	2	8.89	964717	25.0