LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121818\
Data File : VV009018.D
Acq On : 18 Dec 2018 17:14
Operator : SY/MD
Sample : J6418-07
Misc : 3.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF002

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\SOM2VLM120618S.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	1.312	63	69	80	rVB	121696	129929	12.36%	1.802%
2	1.576	145	151	162	rVB	118020	133653	12.72%	1.853%
3	2.129	311	323	335	rBV	297823	434635	41.35%	6.027%
4	2.341	375	389	396	rBV4	3597	9506	0.90%	0.132%
5	2.460	423	426	429	rBV2	348	273	0.03%	0.004%
6	2.534	439	449	461	rVB	10337	17320	1.65%	0.240%
7	2.579	461	463	465	rVB	175	77	0.01%	0.001%
8	2.605	465	471	477	rBV3	1095	1590	0.15%	0.022%
9	2.730	508	510	515	rVB	192	85	0.01%	0.001%
10	2.868	551	553	555	rBV	147	106	0.01%	0.001%
11	2.975	584	586	587	rBV	153	82	0.01%	0.001%
12	2.991	587	591	594	rBV2	711	576	0.05%	0.008%
13	3.074	607	617	627	rVB5	1780	3182	0.30%	0.044%
14	3.283	680	682	684	rBV	142	91	0.01%	0.001%
15	3.376	707	711	713	rBV	201	199	0.02%	0.003%
16	3.495	744	748	752	rBV2	300	350	0.03%	0.005%
17	3.605	780	782	785	rVB	147	81	0.01%	0.001%
18	3.621	785	787	789	rVB	251	93	0.01%	0.001%
19	3.692	807	809	815	rVB	195	101	0.01%	0.001%
20	3.733	817	822	826	rVV2	164	201	0.02%	0.003%
21	3.811	844	846	849	rVB	257	142	0.01%	0.002%
22	3.833	850	853	855	rBV	290	183	0.02%	0.003%
23	3.942	873	887	918	rBV3	26701	109749	10.44%	1.522%
24	4.399	1011	1029	1062	rBV	175113	434810	41.37%	6.030%
25	4.592	1085	1089	1092	rBV2	320	335	0.03%	0.005%
26	4.663	1108	1111	1113	rBV	125	89	0.01%	0.001%
27	4.717	1122	1128	1129	rBV	246	179	0.02%	0.002%
28	4.740	1133	1135	1140	rVB2	502	366	0.03%	0.005%
29	4.862	1170	1173	1174	rBV	226	113	0.01%	0.002%
30	4.929	1191	1194	1196	rBB	120	86	0.01%	0.001%
31	4.949	1196	1200	1205	rBV2	274	352	0.03%	0.005%
32	5.097	1225	1246	1264	rBV2	410655	1051103	100.00%	14.576%
33	5.376	1330	1333	1336	rBV2	352	225	0.02%	0.003%
34	5.444	1349	1354	1359	rBV3	437	493	0.05%	0.007%

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Misc : 3.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF002

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\SOM2VLM120618S.M
Title : VOC Analysis

35	5.499	1369	1371	1372	rBV3	243	85	0.01%	0.001%
36	5.540	1380	1384	1389	rBV2	301	356	0.03%	0.005%
37	5.579	1393	1396	1397	rBV	184	83	0.01%	0.001%
38	5.666	1407	1423	1447	rBV	318094	632865	60.21%	8.776%
39	5.949	1500	1511	1527	rVB3	15666	32684	3.11%	0.453%
40	6.119	1549	1564	1588	rBV	228210	470188	44.73%	6.520%
41	6.376	1642	1644	1649	rVB	357	172	0.02%	0.002%
42	6.402	1649	1652	1654	rBV	144	93	0.01%	0.001%
43	6.466	1669	1672	1675	rBV2	209	138	0.01%	0.002%
44	6.608	1710	1716	1719	rVB2	171	214	0.02%	0.003%
45	6.637	1719	1725	1728	rBV2	155	216	0.02%	0.003%
46	6.785	1768	1771	1774	rBV2	156	147	0.01%	0.002%
47	6.823	1776	1783	1789	rBV3	903	1377	0.13%	0.019%
48	6.923	1807	1814	1815	rBV	172	229	0.02%	0.003%
49	7.029	1835	1847	1870	rBV	122781	219772	20.91%	3.048%
50	7.216	1903	1905	1909	rVB2	303	155	0.01%	0.002%
51	7.235	1909	1911	1914	rBV2	172	107	0.01%	0.001%
52	7.296	1927	1930	1935	rVB3	370	289	0.03%	0.004%
53	7.360	1935	1950	1971	rBV	491775	860625	81.88%	11.934%
54	7.572	2013	2016	2017	rBV	231	117	0.01%	0.002%
55	7.589	2019	2021	2024	rVV2	217	139	0.01%	0.002%
56	7.666	2033	2045	2069	rVV	77038	134735	12.82%	1.868%
57	7.801	2084	2087	2089	rBV	300	174	0.02%	0.002%
58	7.830	2093	2096	2097	rBV2	147	105	0.01%	0.001%
59	7.984	2135	2144	2151	rBV2	961	1529	0.15%	0.021%
60	8.023	2153	2156	2157	rBV2	466	270	0.03%	0.004%
61	8.097	2174	2179	2180	rBV	265	218	0.02%	0.003%
62	8.138	2180	2192	2218	rBV4	75942	171363	16.30%	2.376%
63	8.434	2282	2284	2287	rBV	247	143	0.01%	0.002%
64	8.502	2303	2305	2308	rBV	184	146	0.01%	0.002%
65	8.804	2396	2399	2402	rBV	168	100	0.01%	0.001%
66	8.897	2415	2428	2463	rBV	418422	694475	66.07%	9.630%
67	9.061	2473	2479	2488	rVB3	924	1542	0.15%	0.021%
68	9.116	2489	2496	2500	rBV2	410	646	0.06%	0.009%
69	9.183	2508	2517	2526	rVB5	1072	2039	0.19%	0.028%
70	9.270	2541	2544	2552	rBV2	266	322	0.03%	0.004%
71	9.302	2552	2554	2557	rBV2	152	103	0.01%	0.001%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF002

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\SOM2VLM120618S.M
Title : VOC Analysis

72	9.588	2639	2643	2644	rBV2	673	369	0.04%	0.005%
73	9.749	2685	2693	2694	rBV3	418	412	0.04%	0.006%
74	9.788	2703	2705	2710	rBV	224	164	0.02%	0.002%
75	9.884	2730	2735	2737	rBV2	195	138	0.01%	0.002%
76	9.913	2741	2744	2746	rBV2	178	152	0.01%	0.002%
77	9.974	2759	2763	2764	rBV2	629	464	0.04%	0.006%
78	10.125	2808	2810	2813	rVB	188	77	0.01%	0.001%
79	10.264	2841	2853	2873	rVB	159539	251451	23.92%	3.487%
80	10.428	2897	2904	2919	rVB4	4322	6780	0.65%	0.094%
81	10.495	2923	2925	2931	rVB2	354	188	0.02%	0.003%
82	10.559	2942	2945	2947	rBV	155	93	0.01%	0.001%
83	10.624	2961	2965	2970	rVB5	1269	1392	0.13%	0.019%
84	10.900	3047	3051	3060	rBV6	2396	3522	0.34%	0.049%
85	10.984	3067	3077	3102	rVB	204004	325138	30.93%	4.509%
86	11.296	3163	3174	3191	rBV	331165	534313	50.83%	7.409%
87	11.415	3208	3211	3215	rBV2	472	305	0.03%	0.004%
88	11.524	3239	3245	3247	rBV3	929	901	0.09%	0.012%
89	11.675	3280	3292	3305	rBV	322008	521032	49.57%	7.225%
90	11.932	3368	3372	3374	rBV2	779	628	0.06%	0.009%
91	12.411	3518	3521	3525	rBV	269	207	0.02%	0.003%
92	12.585	3573	3575	3578	rBV	235	133	0.01%	0.002%
93	12.640	3588	3592	3595	rBV3	343	290	0.03%	0.004%
94	12.701	3607	3611	3614	rBV2	879	800	0.08%	0.011%
95	12.887	3666	3669	3671	rBV	288	177	0.02%	0.002%
96	12.932	3677	3683	3689	rVB5	2201	2889	0.27%	0.040%
97	13.202	3765	3767	3770	rBV	189	87	0.01%	0.001%
98	13.350	3808	3813	3816	rBV2	342	393	0.04%	0.005%
99	13.437	3838	3840	3843	rBV2	266	169	0.02%	0.002%
100	14.119	4049	4052	4056	rBV	363	366	0.03%	0.005%

Sum of corrected areas: 7211346

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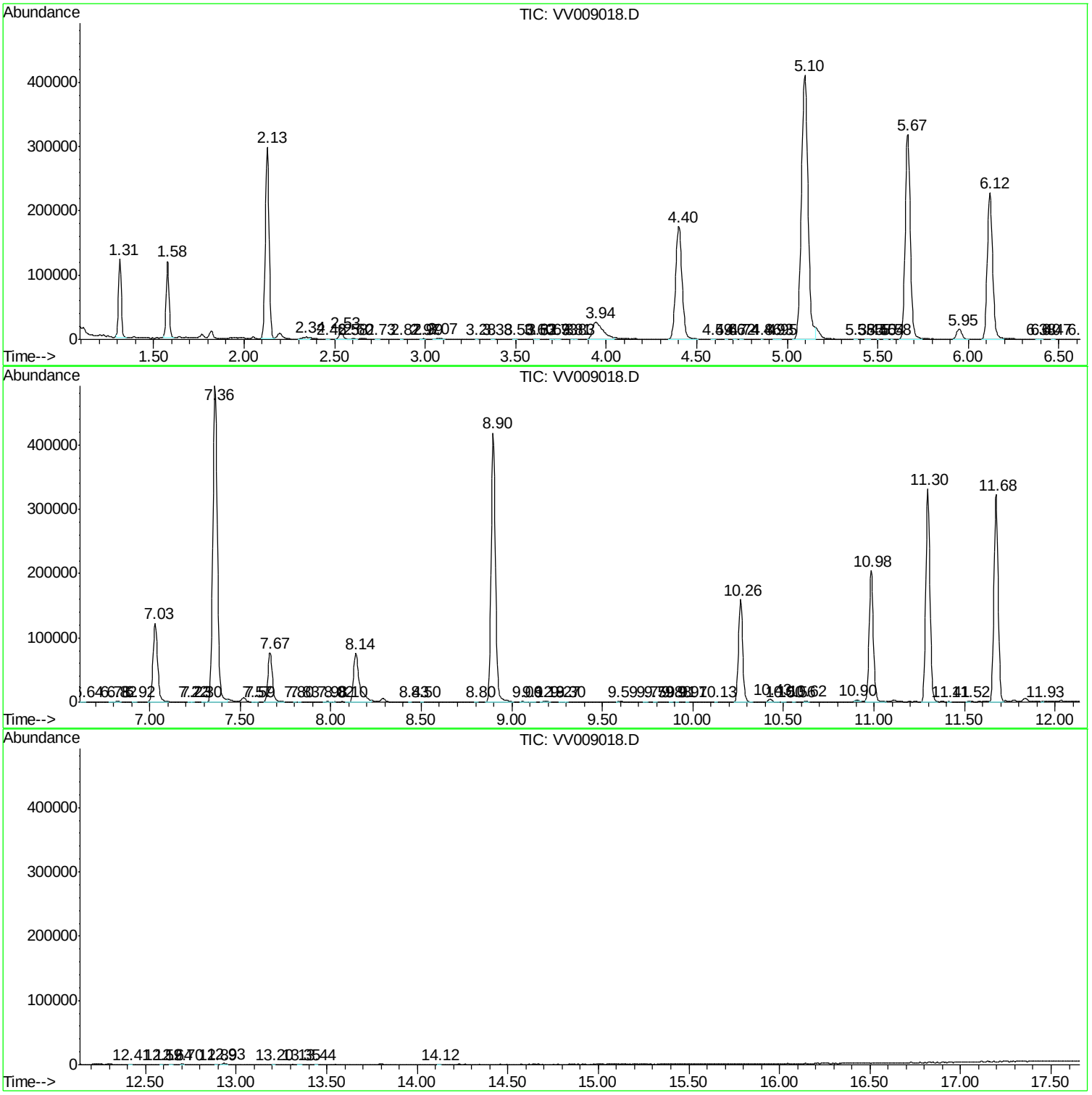
Instrument : MSVOA_V
ClientSampleId : BF002

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.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\VV121818\
Data File : VV009018.D
Acq On : 18 Dec 2018 17:14
Operator : SY/MD
Sample : J6418-07
Misc : 3.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF002

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis

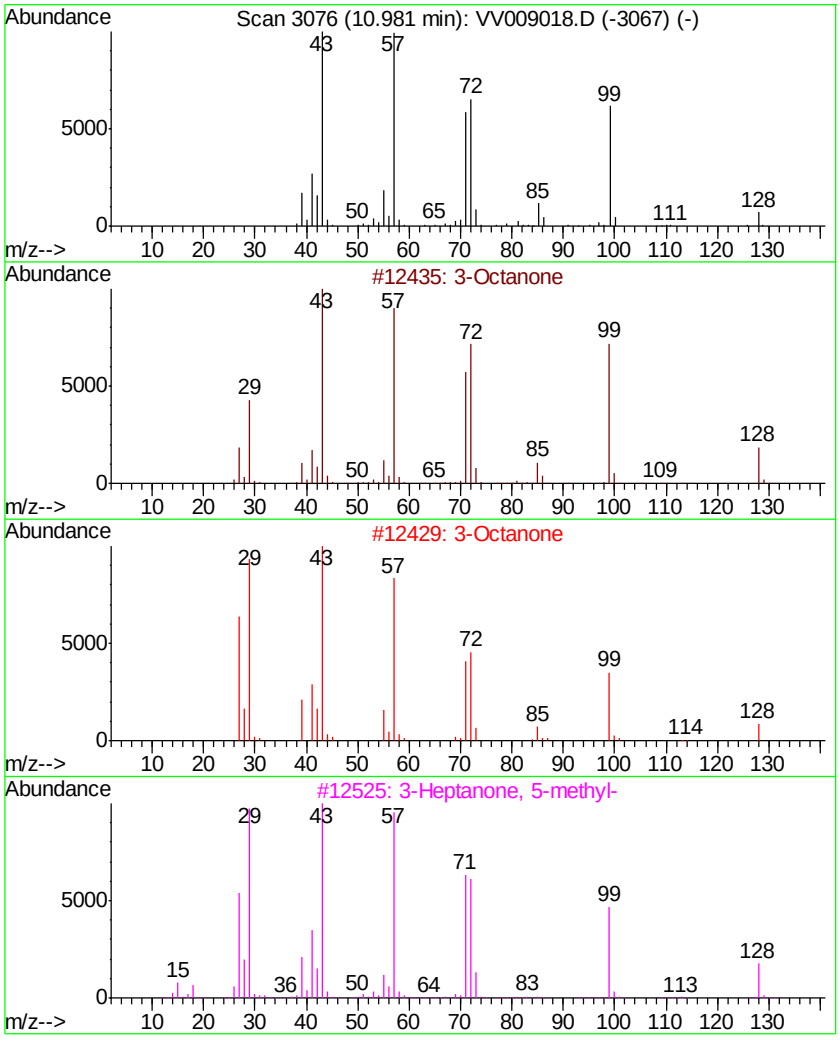
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

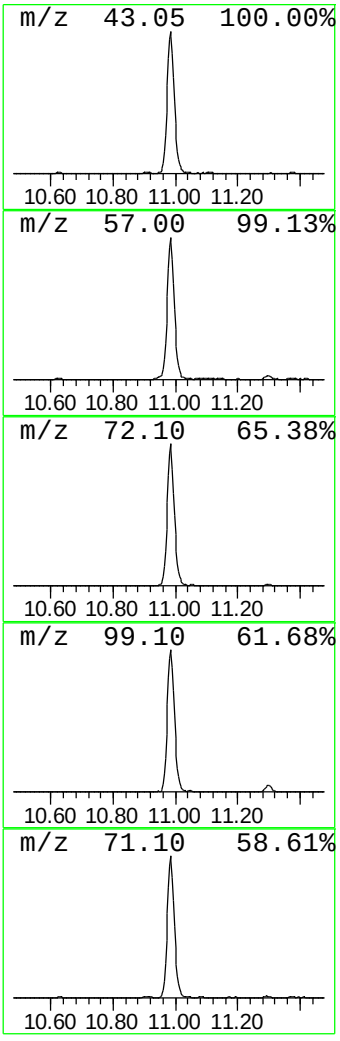
****

Peak Number 3 3-Octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	15.21 ug/L	325138	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	94
2	3-Octanone	128	C8H16O	000106-68-3	78
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	64
4	3-Octanone	128	C8H16O	000106-68-3	59
5	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121818\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.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
3-Octanone	10.98	15.2	ug/L	325138	3	11.30	534313	25.0