LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\
Data File : VU033642.D
Acq On : 08 Aug 2019 17:01
Operator : JC/SP
Sample : K4161-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETOF9

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_U\METHOD\SOMULM080819WMA.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	1.177	24	27	33	rVB	3236	2809	0.19%	0.026%
2	1.325	69	73	79	rVB	5481	5135	0.34%	0.047%
3	1.392	87	94	108	rBV	243699	257346	17.08%	2.371%
4	1.540	136	140	146	rVB2	14101	13095	0.87%	0.121%
5	1.672	173	181	196	rVB	188581	240228	15.94%	2.213%
6	1.997	276	282	294	rVB	12730	17888	1.19%	0.165%
7	2.260	353	364	375	rBV	354950	538625	35.75%	4.963%
8	2.424	405	415	430	rBV	33786	63149	4.19%	0.582%
9	2.595	462	468	471	rVB6	455	500	0.03%	0.005%
10	2.678	491	494	495	rBV2	569	328	0.02%	0.003%
11	2.727	506	509	512	rBV	396	345	0.02%	0.003%
12	2.817	522	537	554	rBV4	7697	19202	1.27%	0.177%
13	2.958	575	581	583	rBV2	465	460	0.03%	0.004%
14	2.981	583	588	589	rBV3	498	421	0.03%	0.004%
15	3.122	628	632	636	rBV2	284	222	0.01%	0.002%
16	3.312	689	691	697	rVB2	349	334	0.02%	0.003%
17	3.344	697	701	703	rBV	192	174	0.01%	0.002%
18	3.363	703	707	711	rVV2	328	324	0.02%	0.003%
19	3.418	717	724	726	rBV2	273	221	0.01%	0.002%
20	3.585	773	776	777	rBV	268	172	0.01%	0.002%
21	3.707	810	814	818	rBV2	230	220	0.01%	0.002%
22	3.919	874	880	885	rBV2	319	470	0.03%	0.004%
23	3.955	885	891	893	rBV2	291	311	0.02%	0.003%
24	3.993	900	903	909	rVB2	347	401	0.03%	0.004%
25	4.026	909	913	915	rBV	312	270	0.02%	0.002%
26	4.058	920	923	927	rVB	353	232	0.02%	0.002%
27	4.090	927	933	939	rBV	344	512	0.03%	0.005%
28	4.148	939	951	987	rBV	132819	384718	25.53%	3.545%
29	4.473	1050	1052	1055	rBV	457	303	0.02%	0.003%
30	4.624	1081	1099	1133	rBV	232384	590524	39.19%	5.441%
31	4.813	1156	1158	1160	rBV2	411	230	0.02%	0.002%
32	4.858	1166	1172	1181	rVB5	871	1539	0.10%	0.014%
33	4.964	1201	1205	1210	rVV5	536	522	0.03%	0.005%
34	5.138	1256	1259	1262	rBV2	258	172	0.01%	0.002%

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETOF9

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_U\METHOD\SOMULM080819WMA.M
Title : VOC Analysis

35	5.318	1291	1315	1343	rBV2	510562	1506837	100.00%	13.884%
36	5.653	1417	1419	1425	rVB3	529	479	0.03%	0.004%
37	5.685	1425	1429	1431	rBV2	290	169	0.01%	0.002%
38	5.762	1448	1453	1454	rBV2	443	340	0.02%	0.003%
39	5.771	1454	1456	1458	rVV3	443	243	0.02%	0.002%
40	5.865	1471	1485	1520	rBV	293949	587871	39.01%	5.417%
41	5.984	1520	1522	1527	rVB2	743	382	0.03%	0.004%
42	6.154	1569	1575	1577	rBV4	1316	1415	0.09%	0.013%
43	6.228	1596	1598	1603	rVB5	465	325	0.02%	0.003%
44	6.308	1606	1623	1649	rBV	333286	672895	44.66%	6.200%
45	6.553	1695	1699	1702	rBV2	325	229	0.02%	0.002%
46	6.604	1711	1715	1720	rBV2	501	601	0.04%	0.006%
47	6.627	1720	1722	1726	rVB	377	259	0.02%	0.002%
48	6.652	1726	1730	1732	rBV	234	175	0.01%	0.002%
49	6.743	1755	1758	1761	rBV2	238	193	0.01%	0.002%
50	6.800	1773	1776	1780	rBV2	356	212	0.01%	0.002%
51	6.932	1812	1817	1819	rBV	187	170	0.01%	0.002%
52	6.952	1819	1823	1827	rVB2	320	283	0.02%	0.003%
53	6.984	1827	1833	1839	rBV2	268	409	0.03%	0.004%
54	7.109	1867	1872	1875	rBV2	167	184	0.01%	0.002%
55	7.128	1875	1878	1880	rVB	424	227	0.02%	0.002%
56	7.209	1891	1903	1926	rBV	189030	344165	22.84%	3.171%
57	7.376	1946	1955	1963	rVB6	3077	5529	0.37%	0.051%
58	7.463	1976	1982	1985	rVB5	464	541	0.04%	0.005%
59	7.479	1985	1987	1990	rBV	230	167	0.01%	0.002%
60	7.546	1995	2008	2029	rBV	685576	1203280	79.85%	11.087%
61	7.832	2085	2097	2122	rBV	134200	235727	15.64%	2.172%
62	8.086	2174	2176	2180	rVB	231	169	0.01%	0.002%
63	8.109	2180	2183	2186	rBV	307	193	0.01%	0.002%
64	8.164	2189	2200	2211	rBV	2901	5358	0.36%	0.049%
65	8.292	2229	2240	2269	rBV	429474	799304	53.05%	7.365%
66	8.601	2333	2336	2338	rBV	399	195	0.01%	0.002%
67	8.971	2449	2451	2453	rBV	350	229	0.02%	0.002%
68	9.009	2453	2463	2471	rBV2	6220	10301	0.68%	0.095%
69	9.074	2471	2483	2504	rBV	445589	759337	50.39%	6.997%
70	9.225	2528	2530	2533	rBV2	322	271	0.02%	0.002%
71	9.292	2548	2551	2556	rVB3	449	309	0.02%	0.003%

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETOF9

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_U\METHOD\SOMULM080819WMA.M
Title : VOC Analysis

72	9.363	2568	2573	2576	rBV3	425	407	0.03%	0.004%
73	9.456	2599	2602	2607	rVB2	296	257	0.02%	0.002%
74	9.485	2607	2611	2616	rBV3	404	448	0.03%	0.004%
75	9.672	2665	2669	2671	rBV	271	224	0.01%	0.002%
76	9.691	2671	2675	2677	rBV2	172	166	0.01%	0.002%
77	9.749	2688	2693	2694	rBV2	209	174	0.01%	0.002%
78	9.765	2694	2698	2700	rBV2	400	316	0.02%	0.003%
79	9.984	2764	2766	2769	rVB2	446	239	0.02%	0.002%
80	10.119	2804	2808	2810	rBV2	378	284	0.02%	0.003%
81	10.176	2822	2826	2830	rBV	442	396	0.03%	0.004%
82	10.225	2832	2841	2853	rVB5	1505	2755	0.18%	0.025%
83	10.305	2862	2866	2868	rBV3	390	224	0.01%	0.002%
84	10.414	2888	2900	2921	rVV	488699	792105	52.57%	7.299%
85	10.601	2947	2958	2966	rBV3	2132	3777	0.25%	0.035%
86	10.659	2971	2976	2979	rVB	251	208	0.01%	0.002%
87	10.958	3065	3069	3073	rVB	387	326	0.02%	0.003%
88	10.993	3073	3080	3083	rBV3	363	421	0.03%	0.004%
89	11.115	3114	3118	3120	rBV2	229	206	0.01%	0.002%
90	11.131	3120	3123	3125	rBV2	517	371	0.02%	0.003%
91	11.234	3151	3155	3161	rVB2	341	396	0.03%	0.004%
92	11.260	3161	3163	3166	rBV	292	168	0.01%	0.002%
93	11.408	3202	3209	3216	rBV4	1186	1552	0.10%	0.014%
94	11.469	3216	3228	3247	rBV	429191	692269	45.94%	6.379%
95	11.768	3315	3321	3322	rBV	490	470	0.03%	0.004%
96	11.845	3331	3345	3371	rBV	659580	1072774	71.19%	9.885%
97	12.328	3493	3495	3499	rVB	361	263	0.02%	0.002%
98	12.585	3573	3575	3579	rVB2	439	256	0.02%	0.002%
99	12.881	3663	3667	3669	rBV3	767	605	0.04%	0.006%
100	15.491	4477	4479	4482	rBV2	880	465	0.03%	0.004%

Sum of corrected areas: 10852897

LSC Report - Integrated Chromatogram

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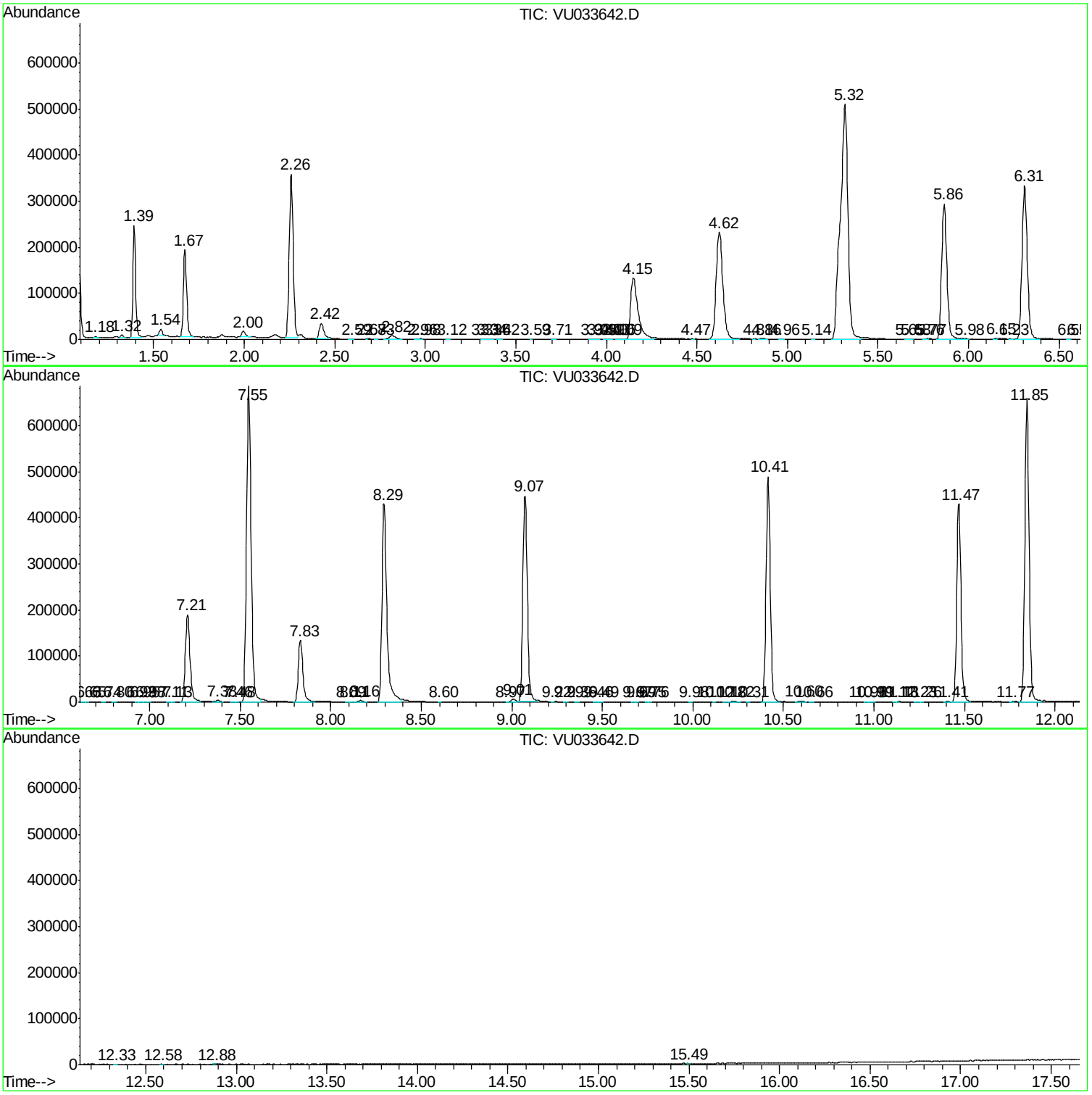
Instrument : MSVOA_U
ClientSampleId : ETOF9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.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_U\DATA\VU080819\
Data File : VU033642.D
Acq On : 08 Aug 2019 17:01
Operator : JC/SP
Sample : K4161-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETOF9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

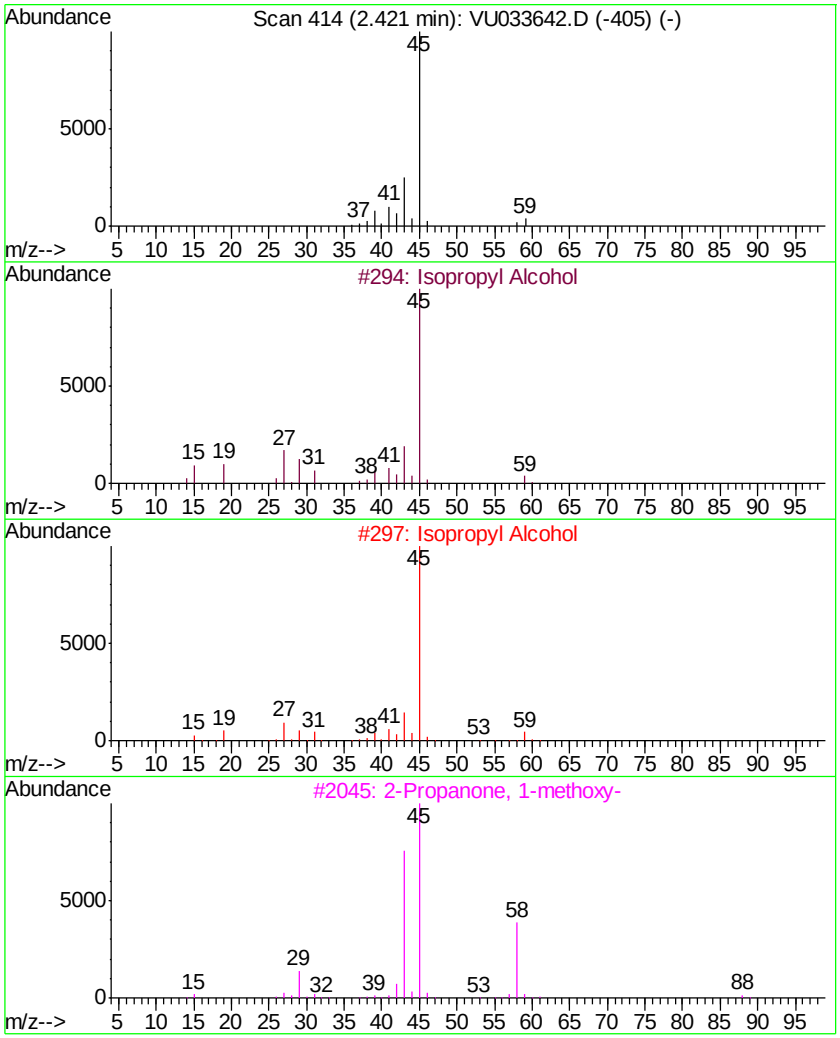
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

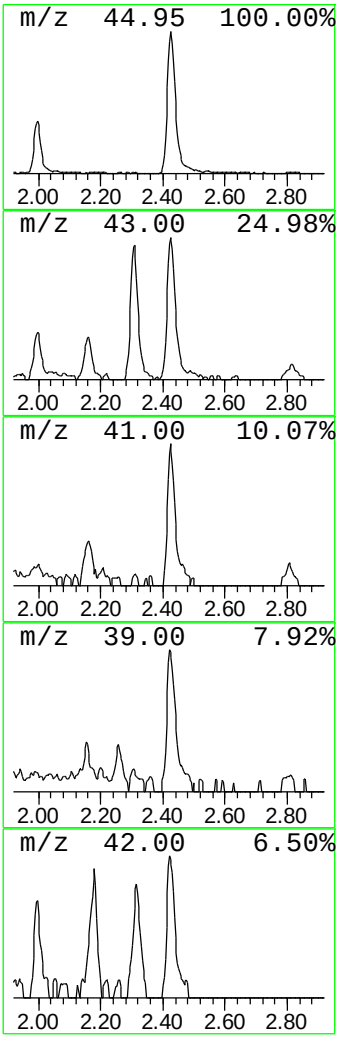
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.42	5.37 ug/L	63149	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
3	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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
Isopropyl Alcohol	2.42	5.4	ug/L	63149	1	5.86	587871	50.0