LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\
Data File : VU028899.D
Acq On : 22 Dec 2018 01:31
Operator : MD/SY
Sample : J6535-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0TR4

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\SOMULM122018WMA.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	1.395	63	69	80	rVB	94305	91528	14.17%	1.643%
2	1.665	146	153	171	rVB	70143	87531	13.55%	1.572%
3	1.877	211	219	233	rVB	55033	76918	11.91%	1.381%
4	2.267	329	340	353	rBV	136969	208560	32.28%	3.745%
5	2.450	387	397	414	rBV	16682	30459	4.71%	0.547%
6	2.614	445	448	450	rBV	299	195	0.03%	0.004%
7	2.832	506	516	518	rBV2	1103	1513	0.23%	0.027%
8	2.926	543	545	547	rBV	145	80	0.01%	0.001%
9	3.064	583	588	591	rBV	94	98	0.02%	0.002%
10	3.157	615	617	619	rVV	154	72	0.01%	0.001%
11	3.357	677	679	684	rVB	82	66	0.01%	0.001%
12	3.402	691	693	696	rVB	158	70	0.01%	0.001%
13	3.472	712	715	718	rBV	132	88	0.01%	0.002%
14	3.543	733	737	740	rBV	144	93	0.01%	0.002%
15	3.575	745	747	749	rVB	133	72	0.01%	0.001%
16	3.643	767	768	772	rVB	153	52	0.01%	0.001%
17	3.746	796	800	804	rBV	112	81	0.01%	0.001%
18	3.845	828	831	834	rBV	70	57	0.01%	0.001%
19	3.929	855	857	860	rVB	222	88	0.01%	0.002%
20	4.054	893	896	898	rBV	80	53	0.01%	0.001%
21	4.176	921	934	970	rBV	63361	172781	26.75%	3.102%
22	4.450	1017	1019	1022	rBV2	141	103	0.02%	0.002%
23	4.514	1036	1039	1045	rVB2	343	241	0.04%	0.004%
24	4.546	1045	1049	1052	rBV	112	106	0.02%	0.002%
25	4.646	1063	1080	1102	rBV	102554	240378	37.21%	4.316%
26	4.881	1148	1153	1156	rBV3	311	379	0.06%	0.007%
27	4.993	1186	1188	1190	rVB	141	81	0.01%	0.001%
28	5.074	1210	1213	1220	rBV	86	82	0.01%	0.001%
29	5.109	1220	1224	1225	rBV	212	136	0.02%	0.002%
30	5.138	1225	1233	1240	rVB3	786	1435	0.22%	0.026%
31	5.173	1240	1244	1246	rBV	63	54	0.01%	0.001%
32	5.254	1265	1269	1272	rBV	112	106	0.02%	0.002%
33	5.337	1272	1295	1317	rBV2	224184	646016	100.00%	11.600%
34	5.537	1354	1357	1360	rBV	281	155	0.02%	0.003%

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Sample : J6535-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0TR4

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\SOMULM122018WMA.M
Title : VOC Analysis

35	5.553	1360	1362	1367	rVB	133	79	0.01%	0.001%
36	5.588	1370	1373	1375	rBV	207	111	0.02%	0.002%
37	5.697	1403	1407	1411	rBV	96	100	0.02%	0.002%
38	5.752	1421	1424	1426	rBV	162	71	0.01%	0.001%
39	5.810	1439	1442	1448	rBV	177	128	0.02%	0.002%
40	5.884	1450	1465	1486	rBV	199929	388777	60.18%	6.981%
41	6.083	1525	1527	1530	rVB	218	113	0.02%	0.002%
42	6.099	1530	1532	1533	rBV	157	65	0.01%	0.001%
43	6.147	1543	1547	1549	rBV	169	119	0.02%	0.002%
44	6.186	1549	1559	1574	rVB2	11926	22432	3.47%	0.403%
45	6.266	1581	1584	1585	rBV	100	56	0.01%	0.001%
46	6.327	1590	1603	1629	rVV	149863	298111	46.15%	5.353%
47	6.414	1629	1630	1632	rVV2	258	104	0.02%	0.002%
48	6.434	1632	1636	1639	rVV2	287	173	0.03%	0.003%
49	6.450	1639	1641	1645	rVV2	301	169	0.03%	0.003%
50	6.614	1689	1692	1696	rVB	104	76	0.01%	0.001%
51	6.774	1736	1742	1745	rBV	86	89	0.01%	0.002%
52	6.839	1759	1762	1764	rBV	74	52	0.01%	0.001%
53	7.003	1807	1813	1817	rBV	99	121	0.02%	0.002%
54	7.054	1828	1829	1833	rVB	217	93	0.01%	0.002%
55	7.080	1833	1837	1839	rBV	113	92	0.01%	0.002%
56	7.225	1869	1882	1906	rBV	80895	141551	21.91%	2.542%
57	7.340	1915	1918	1922	rVB	241	146	0.02%	0.003%
58	7.360	1922	1924	1926	rVB	213	67	0.01%	0.001%
59	7.395	1926	1935	1942	rBV2	1578	2534	0.39%	0.045%
60	7.479	1954	1961	1962	rBV	83	82	0.01%	0.001%
61	7.491	1962	1965	1966	rVV	121	72	0.01%	0.001%
62	7.562	1975	1987	2004	rBV	293507	510659	79.05%	9.169%
63	7.848	2065	2076	2099	rBV	55721	94148	14.57%	1.690%
64	8.009	2124	2126	2129	rVB	124	53	0.01%	0.001%
65	8.041	2134	2136	2138	rBV2	157	90	0.01%	0.002%
66	8.099	2150	2154	2157	rBV	89	98	0.02%	0.002%
67	8.134	2162	2165	2166	rBV	109	64	0.01%	0.001%
68	8.176	2170	2178	2181	rVV4	2555	3672	0.57%	0.066%
69	8.224	2182	2193	2209	rVV	323821	548028	84.83%	9.840%
70	8.311	2210	2220	2252	rVB	223551	380358	58.88%	6.830%
71	8.520	2283	2285	2286	rBV	141	65	0.01%	0.001%

LSC Area Percent Report

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Sample : J6535-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0TR4

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\SOMULM122018WMA.M
Title : VOC Analysis

72	8.688	2335	2337	2339	rBV	136	58	0.01%	0.001%
73	8.810	2368	2375	2378	rBV	147	153	0.02%	0.003%
74	8.871	2391	2394	2397	rVB	179	112	0.02%	0.002%
75	8.913	2404	2407	2410	rBV2	127	82	0.01%	0.001%
76	8.945	2414	2417	2420	rBV	89	54	0.01%	0.001%
77	9.089	2449	2462	2499	rVV	280664	471743	73.02%	8.470%
78	9.263	2513	2516	2518	rBV2	236	146	0.02%	0.003%
79	9.311	2527	2531	2534	rBV2	189	142	0.02%	0.003%
80	9.366	2546	2548	2550	rBV	142	82	0.01%	0.001%
81	9.687	2643	2648	2652	rVB	138	136	0.02%	0.002%
82	9.710	2652	2655	2657	rBV	90	56	0.01%	0.001%
83	9.768	2670	2673	2674	rBV	168	71	0.01%	0.001%
84	9.839	2693	2695	2700	rVB	88	61	0.01%	0.001%
85	9.884	2706	2709	2711	rBV	137	94	0.01%	0.002%
86	9.925	2719	2722	2724	rBV	142	87	0.01%	0.002%
87	10.205	2807	2809	2812	rBV	101	57	0.01%	0.001%
88	10.430	2867	2879	2905	rVB	201497	323172	50.03%	5.803%
89	10.607	2923	2934	2943	rBV2	2752	4216	0.65%	0.076%
90	10.739	2973	2975	2980	rVB	195	122	0.02%	0.002%
91	10.761	2980	2982	2985	rBV	93	61	0.01%	0.001%
92	11.166	3104	3108	3112	rBV2	306	245	0.04%	0.004%
93	11.330	3156	3159	3160	rBV2	172	81	0.01%	0.001%
94	11.482	3194	3206	3224	rBV	245877	386865	59.88%	6.946%
95	11.748	3280	3289	3308	rVV2	10053	18259	2.83%	0.328%
96	11.858	3312	3323	3342	rBV	252725	409600	63.40%	7.355%
97	12.273	3449	3452	3456	rVB	463	343	0.05%	0.006%
98	12.459	3507	3510	3511	rBV	480	235	0.04%	0.004%
99	12.539	3532	3535	3538	rBV	177	152	0.02%	0.003%
100	12.597	3551	3553	3559	rVB2	320	254	0.04%	0.005%

Sum of corrected areas: 5569284

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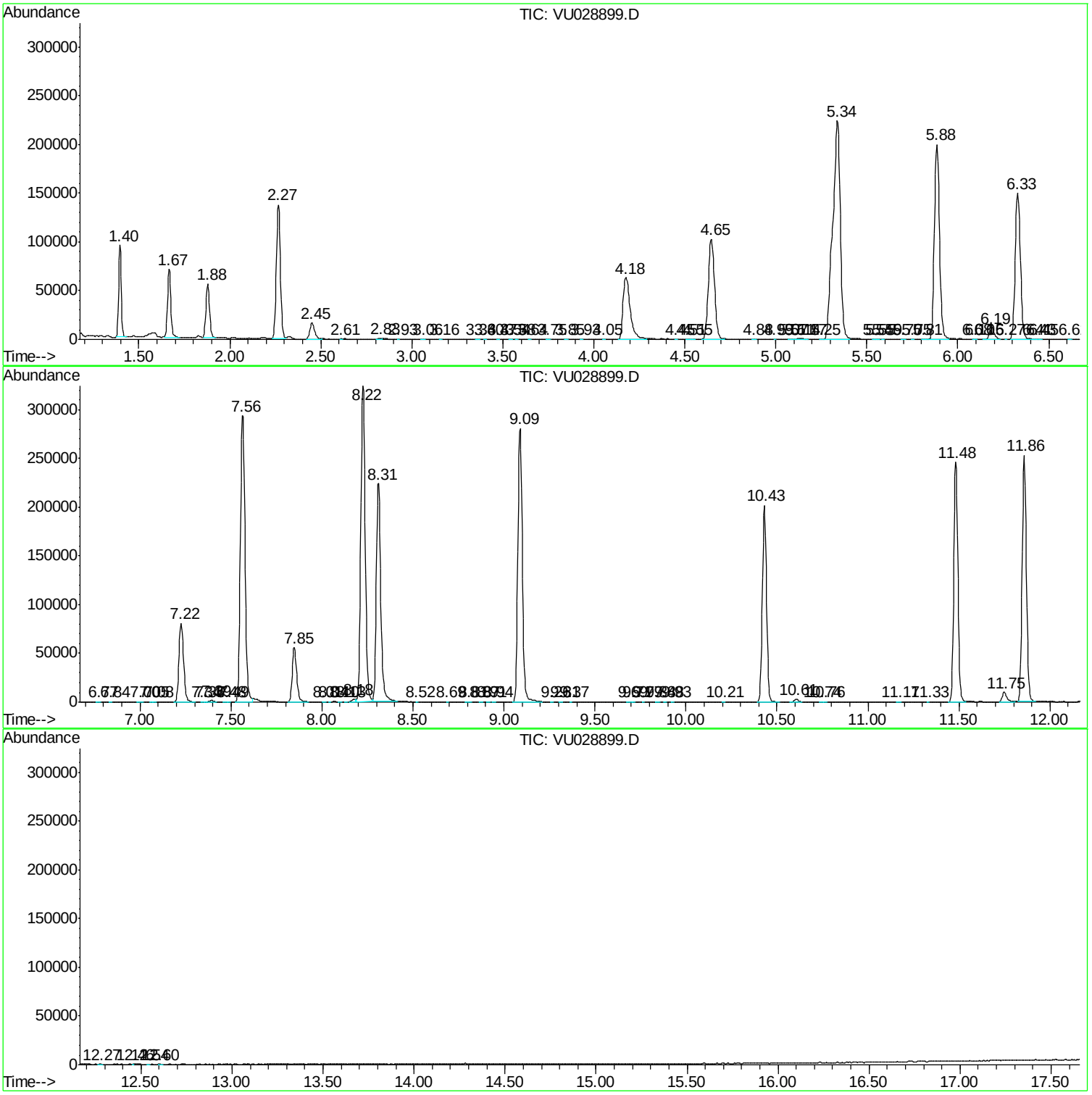
Instrument :
MSVOA_U
ClientSampleId :
C0TR4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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\VU122118\
Data File : VU028899.D
Acq On : 22 Dec 2018 01:31
Operator : MD/SY
Sample : J6535-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0TR4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

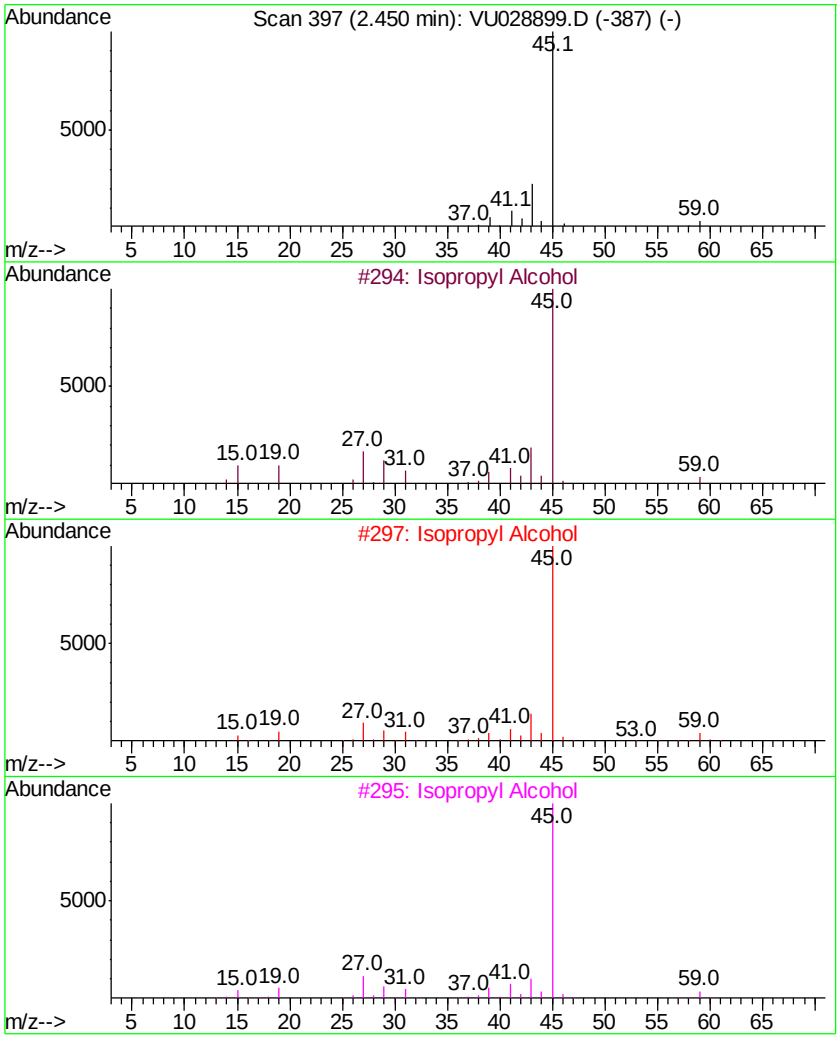
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

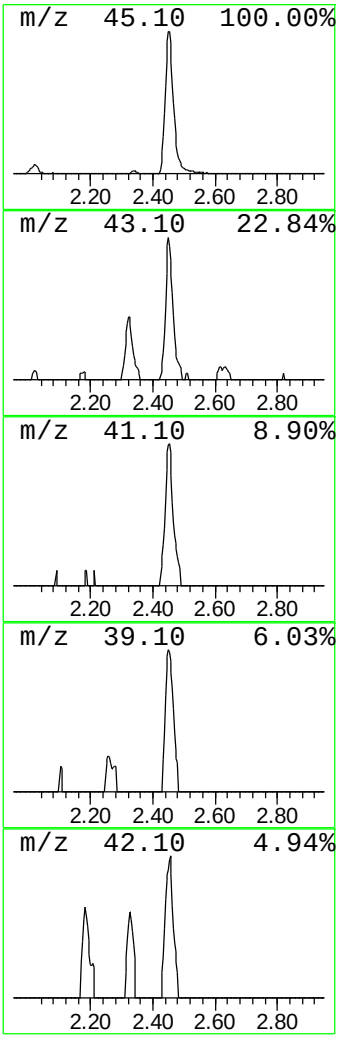
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	3.92 ug/L	30459	1,4-Difluorobenzene	5.88

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	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Formamide	45	CH3NO	000075-12-7	5
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	4





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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
Isopropyl Alcohol	2.45	3.9	ug/L	30459	1	5.88	388777	50.0