LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\
Data File : VU028898.D
Acq On : 22 Dec 2018 01:06
Operator : MD/SY
Sample : J6535-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0TR3

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	92328	92156	8.64%	1.483%
2	1.669	146	154	175	rVB	69075	86371	8.10%	1.390%
3	1.878	212	219	233	rVB	32766	46358	4.35%	0.746%
4	2.267	330	340	353	rBV	141409	210540	19.75%	3.389%
5	2.450	387	397	419	rBV	18717	33256	3.12%	0.535%
6	2.566	431	433	437	rVB	243	142	0.01%	0.002%
7	2.688	468	471	474	rBV	149	111	0.01%	0.002%
8	2.762	491	494	496	rBV2	291	215	0.02%	0.003%
9	2.833	508	516	526	rVB3	1449	2949	0.28%	0.047%
10	2.955	552	554	556	rBV	141	58	0.01%	0.001%
11	3.054	581	585	587	rBV	137	105	0.01%	0.002%
12	3.189	625	627	628	rBV	280	125	0.01%	0.002%
13	3.247	642	645	648	rBV	101	76	0.01%	0.001%
14	3.337	671	673	675	rBV	203	105	0.01%	0.002%
15	3.492	717	721	723	rBV2	171	121	0.01%	0.002%
16	3.572	741	746	748	rBV	93	80	0.01%	0.001%
17	3.588	749	751	754	rVV	164	90	0.01%	0.001%
18	3.742	796	799	804	rBV	92	70	0.01%	0.001%
19	3.964	865	868	872	rVB	219	135	0.01%	0.002%
20	4.115	909	915	917	rBV	80	59	0.01%	0.001%
21	4.176	920	934	972	rBV	62399	181240	17.00%	2.917%
22	4.501	1033	1035	1037	rBB	130	70	0.01%	0.001%
23	4.572	1054	1057	1060	rVB	106	66	0.01%	0.001%
24	4.646	1062	1080	1111	rVB	102536	242624	22.76%	3.906%
25	4.752	1111	1113	1116	rVB2	165	93	0.01%	0.001%
26	4.791	1123	1125	1127	rVB	147	79	0.01%	0.001%
27	4.807	1127	1130	1136	rVB	148	137	0.01%	0.002%
28	4.839	1136	1140	1144	rBV	81	69	0.01%	0.001%
29	4.861	1144	1147	1149	rBV	182	84	0.01%	0.001%
30	4.874	1149	1151	1153	rBV	263	167	0.02%	0.003%
31	4.990	1185	1187	1192	rVB	293	133	0.01%	0.002%
32	5.064	1207	1210	1216	rVB	114	126	0.01%	0.002%
33	5.125	1225	1229	1241	rBV3	511	891	0.08%	0.014%
34	5.337	1272	1295	1318	rBV2	226262	650923	61.05%	10.478%

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Sample : J6535-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0TR3

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

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Peak separation: 5

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

35	5.803	1433	1440	1444	rBV2	228	340	0.03%	0.005%
36	5.884	1451	1465	1491	rBV	198386	386315	36.24%	6.219%
37	6.102	1531	1533	1535	rBV2	134	97	0.01%	0.002%
38	6.183	1544	1558	1586	rBV	563076	1066137	100.00%	17.162%
39	6.328	1590	1603	1625	rVB	151377	299028	28.05%	4.814%
40	6.453	1640	1642	1644	rBV	255	120	0.01%	0.002%
41	6.463	1644	1645	1647	rVV	238	85	0.01%	0.001%
42	6.495	1651	1655	1658	rBV	70	70	0.01%	0.001%
43	6.617	1691	1693	1695	rVB	183	82	0.01%	0.001%
44	6.752	1734	1735	1739	rVB	153	63	0.01%	0.001%
45	6.816	1753	1755	1758	rBV	146	83	0.01%	0.001%
46	6.971	1801	1803	1805	rBV	131	75	0.01%	0.001%
47	7.012	1813	1816	1821	rVB	93	73	0.01%	0.001%
48	7.186	1867	1870	1871	rBV	142	84	0.01%	0.001%
49	7.225	1871	1882	1902	rVV	81484	143678	13.48%	2.313%
50	7.389	1926	1933	1944	rVB5	1521	2617	0.25%	0.042%
51	7.466	1954	1957	1958	rBV5	152	64	0.01%	0.001%
52	7.488	1962	1964	1967	rVB2	146	81	0.01%	0.001%
53	7.562	1974	1987	2006	rBV	292018	516391	48.44%	8.312%
54	7.762	2046	2049	2053	rVB3	314	212	0.02%	0.003%
55	7.797	2057	2060	2065	rBV	147	89	0.01%	0.001%
56	7.848	2065	2076	2100	rBV	56810	95162	8.93%	1.532%
57	7.967	2110	2113	2117	rVB2	171	129	0.01%	0.002%
58	8.003	2118	2124	2126	rBV	83	93	0.01%	0.001%
59	8.012	2126	2127	2129	rVB	219	60	0.01%	0.001%
60	8.035	2132	2134	2136	rBV	148	76	0.01%	0.001%
61	8.070	2142	2145	2147	rBV	289	149	0.01%	0.002%
62	8.128	2161	2163	2166	rVB	143	61	0.01%	0.001%
63	8.176	2166	2178	2183	rBV4	2761	4988	0.47%	0.080%
64	8.225	2183	2193	2208	rVV	114504	196283	18.41%	3.160%
65	8.311	2209	2220	2247	rVV	216083	365652	34.30%	5.886%
66	8.581	2302	2304	2307	rBV	217	104	0.01%	0.002%
67	8.636	2318	2321	2325	rBV	124	94	0.01%	0.002%
68	8.659	2325	2328	2330	rBV2	112	74	0.01%	0.001%
69	8.903	2401	2404	2405	rBV2	208	105	0.01%	0.002%
70	8.935	2412	2414	2420	rVB	88	63	0.01%	0.001%
71	8.993	2428	2432	2439	rVB2	166	151	0.01%	0.002%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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	9.032	2441	2444	2446	rBV	122	71	0.01%	0.001%
73	9.089	2449	2462	2488	rBV	278215	464374	43.56%	7.475%
74	9.247	2508	2511	2512	rBV	267	163	0.02%	0.003%
75	9.347	2539	2542	2549	rVB	231	189	0.02%	0.003%
76	9.398	2556	2558	2560	rBV	139	62	0.01%	0.001%
77	9.604	2616	2622	2624	rBV	104	115	0.01%	0.002%
78	9.623	2625	2628	2631	rVB2	215	139	0.01%	0.002%
79	9.681	2644	2646	2651	rVB	110	73	0.01%	0.001%
80	9.707	2651	2654	2656	rBV	117	78	0.01%	0.001%
81	9.819	2686	2689	2691	rBV	95	76	0.01%	0.001%
82	9.855	2697	2700	2702	rBV	130	94	0.01%	0.002%
83	9.999	2743	2745	2747	rBV	143	55	0.01%	0.001%
84	10.080	2766	2770	2775	rVB2	229	195	0.02%	0.003%
85	10.115	2779	2781	2785	rBV	182	70	0.01%	0.001%
86	10.170	2795	2798	2801	rBV	277	148	0.01%	0.002%
87	10.430	2867	2879	2896	rBV	199633	321340	30.14%	5.173%
88	10.536	2908	2912	2916	rBV	152	147	0.01%	0.002%
89	10.607	2924	2934	2943	rVB3	2642	3986	0.37%	0.064%
90	10.723	2965	2970	2971	rBV	183	157	0.01%	0.003%
91	11.089	3081	3084	3086	rBV	150	78	0.01%	0.001%
92	11.482	3195	3206	3221	rBV	245329	382950	35.92%	6.164%
93	11.745	3286	3288	3289	rBV	193	63	0.01%	0.001%
94	11.858	3311	3323	3345	rBV	251481	407621	38.23%	6.562%
95	12.057	3383	3385	3387	rBV	360	172	0.02%	0.003%
96	12.147	3410	3413	3415	rVB	196	84	0.01%	0.001%
97	12.392	3487	3489	3492	rBV2	137	85	0.01%	0.001%
98	12.601	3548	3554	3557	rBV2	323	346	0.03%	0.006%
99	12.900	3644	3647	3650	rBV	294	265	0.02%	0.004%
100	13.289	3766	3768	3771	rBV2	285	184	0.02%	0.003%

Sum of corrected areas: 6212232

LSC Report - Integrated Chromatogram

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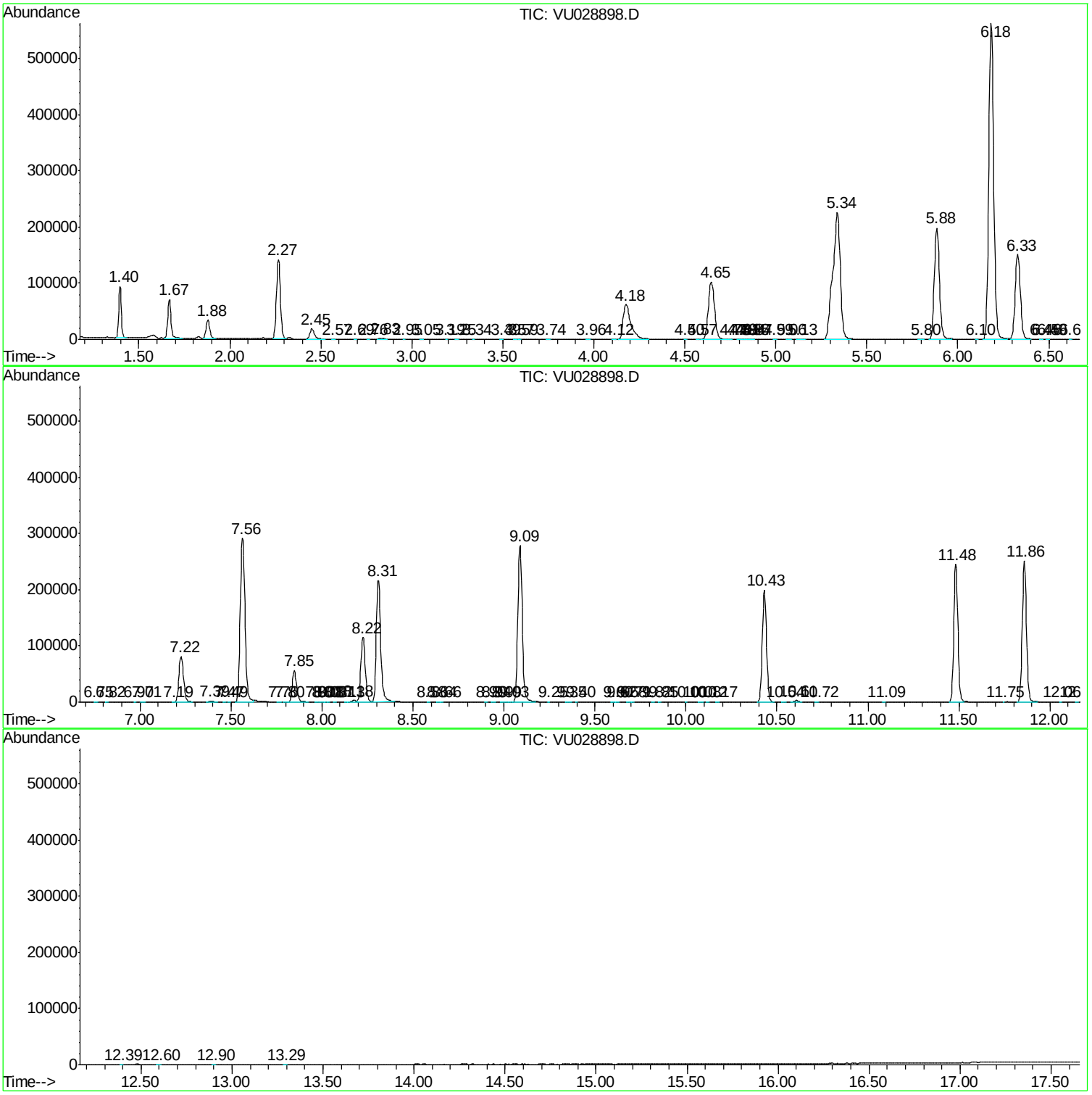
Sample : J6535-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0TR3

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 : VU028898.D
Acq On : 22 Dec 2018 01:06
Operator : MD/SY
Sample : J6535-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0TR3

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

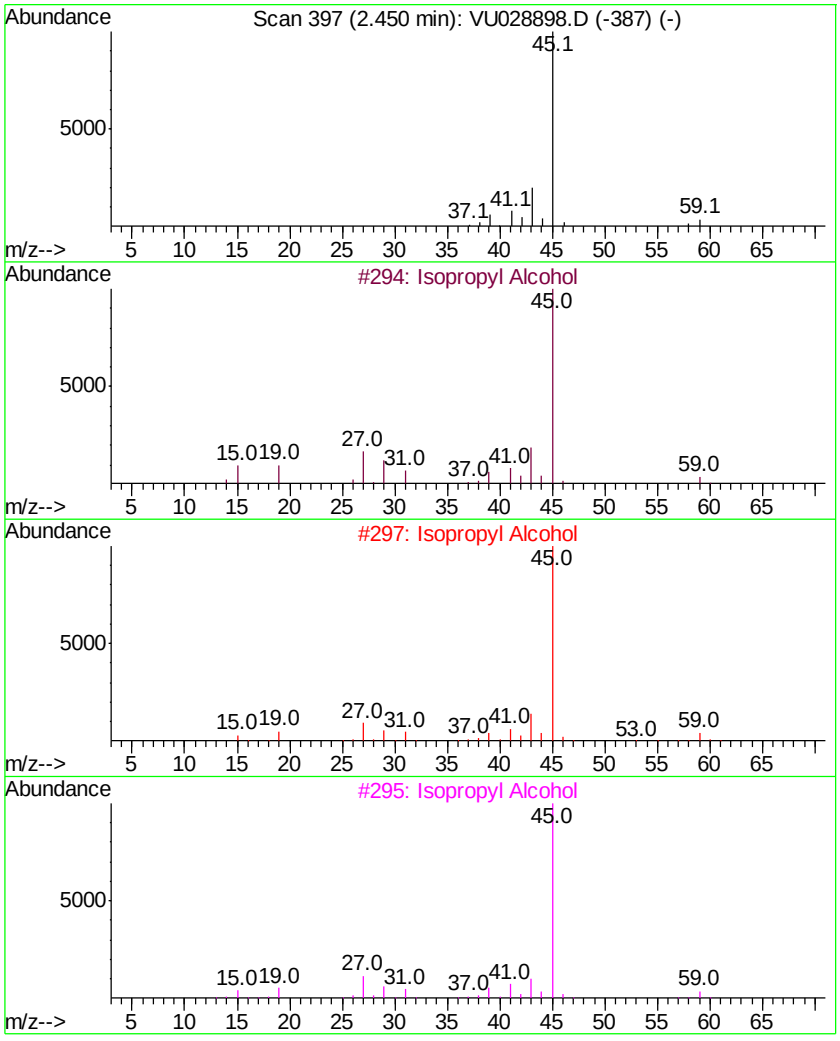
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

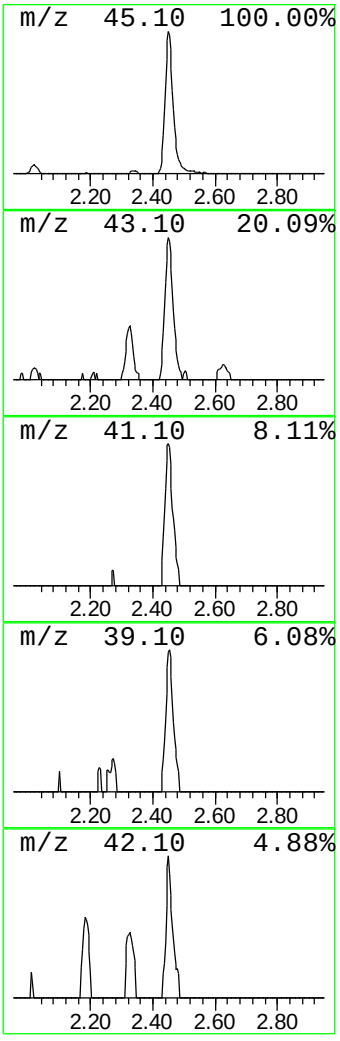
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	4.30 ug/L	33256	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	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Formamide	45	CH3NO	000075-12-7	5
5	Ethylamine	45	C2H7N	000075-04-7	5





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
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ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0TR3

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	4.3	ug/L	33256	1	5.88	386315	50.0