LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\
Data File : VU028891.D
Acq On : 21 Dec 2018 22:16
Operator : MD/SY
Sample : J6509-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO87

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	83	rVB	97804	95041	14.25%	1.900%
2	1.669	147	154	173	rVB	72298	90379	13.55%	1.807%
3	2.267	330	340	352	rBV	144066	216525	32.45%	4.329%
4	2.453	387	398	417	rBV	15316	27220	4.08%	0.544%
5	2.595	439	442	444	rBV2	162	92	0.01%	0.002%
6	2.697	472	474	477	rVB2	275	156	0.02%	0.003%
7	2.836	506	517	535	rVB	5340	10915	1.64%	0.218%
8	2.919	540	543	545	rBV	96	60	0.01%	0.001%
9	3.006	567	570	573	rBV	104	97	0.01%	0.002%
10	3.096	597	598	603	rVB	149	88	0.01%	0.002%
11	3.302	660	662	668	rVB2	177	142	0.02%	0.003%
12	3.386	684	688	691	rBV	112	72	0.01%	0.001%
13	3.440	702	705	709	rBV	84	93	0.01%	0.002%
14	3.527	728	732	735	rBV	90	59	0.01%	0.001%
15	3.556	735	741	744	rBV	89	107	0.02%	0.002%
16	3.813	817	821	825	rVB	144	125	0.02%	0.002%
17	3.842	825	830	832	rBV	124	100	0.01%	0.002%
18	3.980	869	873	878	rVB	118	121	0.02%	0.002%
19	4.013	878	883	887	rBV	99	128	0.02%	0.003%
20	4.180	920	935	960	rBV2	65582	180912	27.12%	3.617%
21	4.498	1032	1034	1037	rBV	175	124	0.02%	0.002%
22	4.646	1062	1080	1109	rBV	105366	245377	36.78%	4.906%
23	4.758	1113	1115	1121	rVB	196	119	0.02%	0.002%
24	4.794	1121	1126	1129	rBV	100	97	0.01%	0.002%
25	4.890	1151	1156	1161	rVB2	357	356	0.05%	0.007%
26	4.935	1167	1170	1171	rBV2	176	87	0.01%	0.002%
27	4.996	1184	1189	1194	rBV	221	251	0.04%	0.005%
28	5.196	1249	1251	1259	rVB	204	136	0.02%	0.003%
29	5.238	1259	1264	1268	rBV	141	161	0.02%	0.003%
30	5.337	1272	1295	1321	rBV2	230672	667180	100.00%	13.339%
31	5.475	1335	1338	1345	rBV2	328	271	0.04%	0.005%
32	5.543	1356	1359	1362	rBV	222	147	0.02%	0.003%
33	5.611	1376	1380	1382	rVB	121	73	0.01%	0.001%
34	5.630	1382	1386	1392	rBV	101	129	0.02%	0.003%

LSC Area Percent Report

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Sample : J6509-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO87

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	5.749	1421	1423	1426	rVB	198	110	0.02%	0.002%
36	5.781	1430	1433	1440	rBV	91	81	0.01%	0.002%
37	5.884	1451	1465	1486	rBV	198350	389860	58.43%	7.795%
38	6.109	1533	1535	1538	rVB2	133	73	0.01%	0.001%
39	6.202	1559	1564	1567	rBV	106	102	0.02%	0.002%
40	6.273	1582	1586	1589	rBV	108	78	0.01%	0.002%
41	6.328	1589	1603	1621	rBV	152754	303151	45.44%	6.061%
42	6.450	1640	1641	1642	rVV	162	62	0.01%	0.001%
43	6.463	1642	1645	1652	rVV3	366	357	0.05%	0.007%
44	6.549	1664	1672	1675	rBV	132	146	0.02%	0.003%
45	6.945	1789	1795	1796	rBV	77	77	0.01%	0.002%
46	7.061	1827	1831	1838	rVB	92	108	0.02%	0.002%
47	7.125	1849	1851	1854	rVB	170	71	0.01%	0.001%
48	7.151	1854	1859	1867	rBV2	339	573	0.09%	0.011%
49	7.225	1870	1882	1910	rVV	85979	151560	22.72%	3.030%
50	7.334	1912	1916	1923	rBV3	274	307	0.05%	0.006%
51	7.382	1926	1931	1932	rBV2	326	191	0.03%	0.004%
52	7.437	1946	1948	1952	rVB2	209	147	0.02%	0.003%
53	7.498	1963	1967	1972	rBV	105	143	0.02%	0.003%
54	7.562	1972	1987	2009	rBV	298272	524296	78.58%	10.483%
55	7.758	2046	2048	2050	rVB	208	97	0.01%	0.002%
56	7.848	2064	2076	2094	rBV	59144	99621	14.93%	1.992%
57	7.971	2112	2114	2117	rVB	189	103	0.02%	0.002%
58	8.141	2163	2167	2168	rBV	174	68	0.01%	0.001%
59	8.176	2168	2178	2188	rBV2	4037	7738	1.16%	0.155%
60	8.311	2208	2220	2253	rBV	221986	379461	56.88%	7.587%
61	8.540	2289	2291	2294	rVB2	205	135	0.02%	0.003%
62	8.569	2295	2300	2306	rVB2	210	196	0.03%	0.004%
63	8.639	2321	2322	2323	rBV2	182	67	0.01%	0.001%
64	8.700	2339	2341	2344	rBV	159	80	0.01%	0.002%
65	8.723	2346	2348	2349	rVV	181	61	0.01%	0.001%
66	8.733	2349	2351	2354	rVB	210	98	0.01%	0.002%
67	8.807	2373	2374	2377	rVB	168	74	0.01%	0.001%
68	9.019	2437	2440	2441	rBV	135	63	0.01%	0.001%
69	9.044	2446	2448	2449	rBV	188	80	0.01%	0.002%
70	9.089	2449	2462	2487	rBV	281352	466799	69.97%	9.333%
71	9.244	2506	2510	2514	rBV3	322	297	0.04%	0.006%

LSC Area Percent Report

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ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO87

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	9.282	2519	2522	2524	rBV	175	105	0.02%	0.002%
73	9.527	2596	2598	2600	rBV	115	68	0.01%	0.001%
74	9.668	2639	2642	2646	rBV2	248	204	0.03%	0.004%
75	9.794	2676	2681	2687	rVB2	248	244	0.04%	0.005%
76	10.102	2775	2777	2779	rBV	174	75	0.01%	0.001%
77	10.430	2867	2879	2898	rBV	207460	329399	49.37%	6.586%
78	10.610	2924	2935	2946	rBV3	3954	6556	0.98%	0.131%
79	10.652	2946	2948	2951	rVB3	286	121	0.02%	0.002%
80	10.671	2952	2954	2958	rBV	149	93	0.01%	0.002%
81	10.691	2958	2960	2963	rBV	111	66	0.01%	0.001%
82	10.829	3000	3003	3006	rBV2	235	156	0.02%	0.003%
83	10.945	3037	3039	3043	rVB	213	117	0.02%	0.002%
84	11.096	3083	3086	3087	rBV	210	108	0.02%	0.002%
85	11.150	3099	3103	3108	rBV2	277	290	0.04%	0.006%
86	11.266	3136	3139	3141	rBV	146	67	0.01%	0.001%
87	11.279	3141	3143	3146	rBV	170	91	0.01%	0.002%
88	11.421	3185	3187	3192	rVB	177	73	0.01%	0.001%
89	11.482	3195	3206	3225	rBV	243609	383259	57.44%	7.663%
90	11.678	3264	3267	3270	rVB	239	131	0.02%	0.003%
91	11.707	3273	3276	3278	rVV	184	87	0.01%	0.002%
92	11.858	3310	3323	3341	rBV	256272	415041	62.21%	8.298%
93	12.057	3383	3385	3388	rVB2	391	185	0.03%	0.004%
94	12.141	3408	3411	3415	rBV	208	167	0.03%	0.003%
95	12.231	3437	3439	3443	rVB	237	151	0.02%	0.003%
96	12.257	3443	3447	3451	rBV2	381	371	0.06%	0.007%
97	12.366	3477	3481	3485	rBV2	242	172	0.03%	0.003%
98	12.392	3486	3489	3491	rBV	232	121	0.02%	0.002%
99	12.687	3575	3581	3586	rBV3	372	444	0.07%	0.009%
100	12.736	3594	3596	3599	rBV2	314	174	0.03%	0.003%

Sum of corrected areas: 5001607

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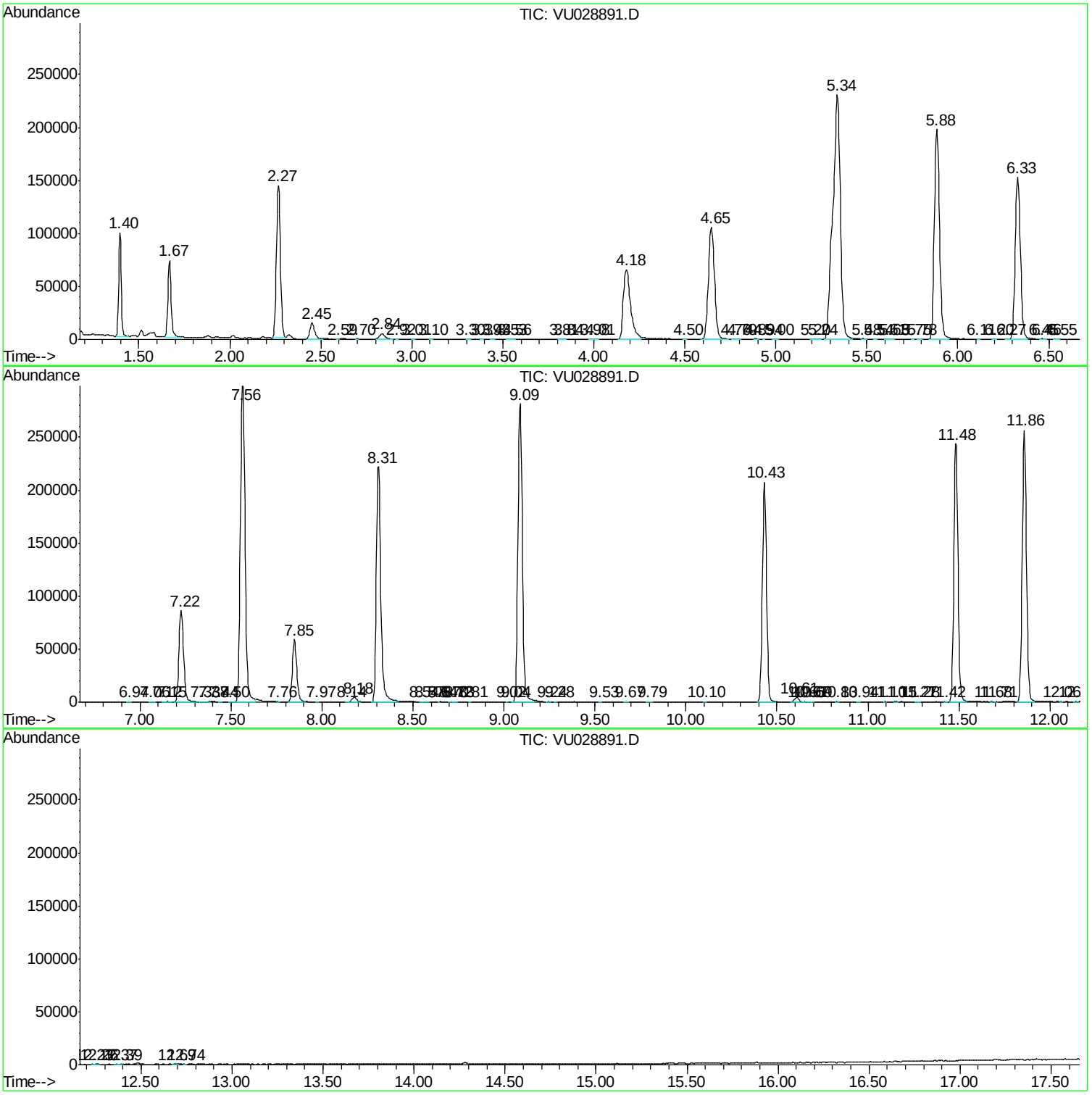
Instrument : MSVOA_U
ClientSampleId : ETO87

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 : VU028891.D
Acq On : 21 Dec 2018 22:16
Operator : MD/SY
Sample : J6509-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO87

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

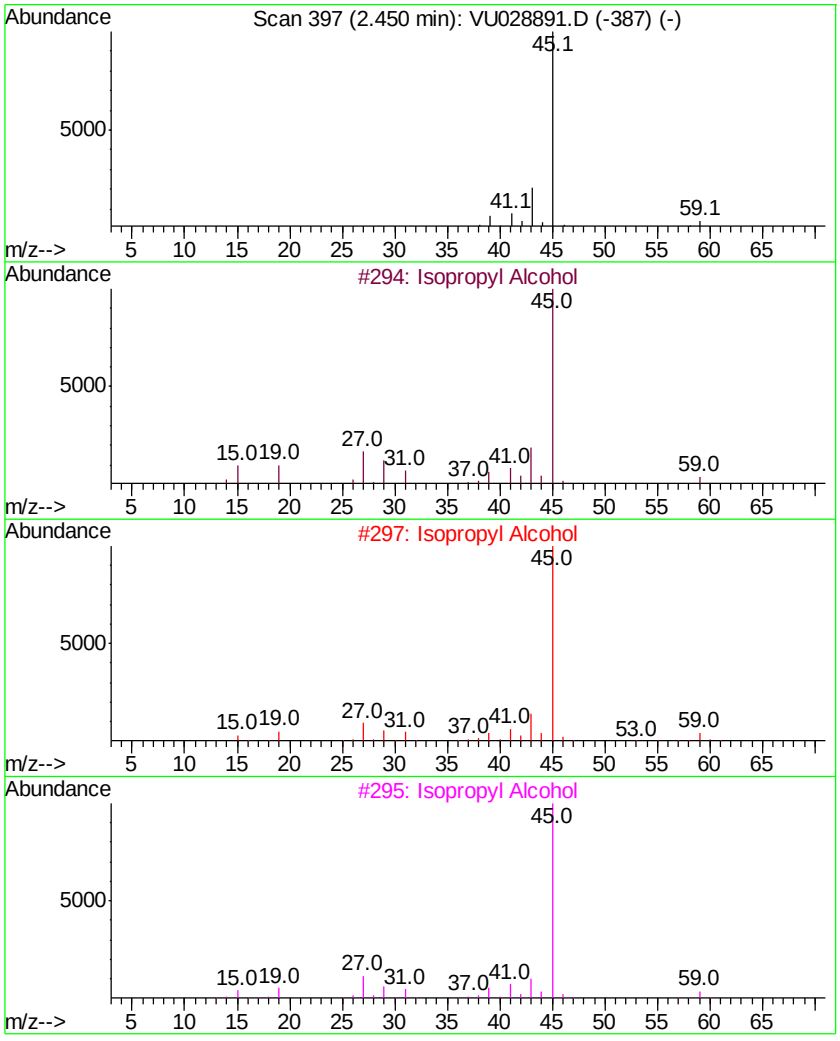
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

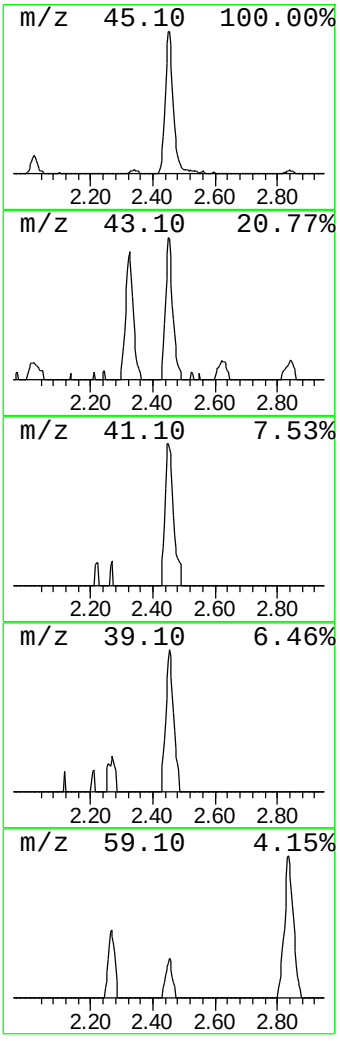
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	3.49 ug/L	27220	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	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	4
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	4
5	Formamide	45	CH3NO	000075-12-7	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
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Instrument : MSVOA_U
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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	3.5	ug/L	27220	1	5.88	389860	50.0