LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031190.D
Acq On : 14 Apr 2019 05:08
Operator : JC/SP
Sample : K2409-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC27

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\SOMULM040519WMA.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	22	27	36	rBV	22906	23211	0.56%	0.133%
2	1.254	46	51	56	rBV	12599	12430	0.30%	0.071%
3	1.395	88	95	107	rBV	329260	348988	8.43%	1.993%
4	1.469	113	118	126	rVB	29780	32633	0.79%	0.186%
5	1.675	174	182	198	rVB	264778	355888	8.60%	2.033%
6	2.267	355	366	376	rBV3	599023	1018366	24.61%	5.817%
7	2.437	410	419	439	rBV	39585	74696	1.81%	0.427%
8	2.611	470	473	479	rBV2	1114	967	0.02%	0.006%
9	2.698	493	500	504	rBV6	1294	1397	0.03%	0.008%
10	2.830	533	541	551	rVB7	3000	5371	0.13%	0.031%
11	2.926	565	571	574	rBV4	1004	980	0.02%	0.006%
12	2.990	579	591	606	rVV2	12236	27475	0.66%	0.157%
13	3.167	641	646	650	rBV4	1193	1529	0.04%	0.009%
14	3.302	683	688	694	rBV5	498	537	0.01%	0.003%
15	3.444	717	732	749	rBV2	23635	53457	1.29%	0.305%
16	3.540	760	762	772	rBV4	588	871	0.02%	0.005%
17	3.910	872	877	882	rBV4	535	608	0.01%	0.003%
18	4.022	908	912	914	rBV4	771	581	0.01%	0.003%
19	4.170	945	958	968	rBV2	158996	406759	9.83%	2.323%
20	4.482	1051	1055	1056	rBV2	695	507	0.01%	0.003%
21	4.640	1089	1104	1127	rBV	278710	667603	16.13%	3.813%
22	4.862	1169	1173	1176	rBV3	1255	1123	0.03%	0.006%
23	4.913	1176	1189	1200	rVV6	7639	19124	0.46%	0.109%
24	5.112	1246	1251	1254	rVV4	656	685	0.02%	0.004%
25	5.138	1257	1259	1267	rBV5	552	642	0.02%	0.004%
26	5.334	1297	1320	1345	rBV2	558673	1682655	40.67%	9.611%
27	5.575	1393	1395	1399	rBV3	715	474	0.01%	0.003%
28	5.611	1402	1406	1407	rBV3	978	698	0.02%	0.004%
29	5.694	1429	1432	1436	rBV4	939	727	0.02%	0.004%
30	5.813	1463	1469	1472	rBV4	779	829	0.02%	0.005%
31	5.881	1477	1490	1521	rBV	508260	1030346	24.90%	5.885%
32	6.180	1568	1583	1614	rVV	2143376	4137758	100.00%	23.633%
33	6.325	1616	1628	1652	rVB	373125	764710	18.48%	4.368%
34	6.636	1723	1725	1730	rVB3	1247	1114	0.03%	0.006%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC27

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\SOMULM040519WMA.M
Title : VOC Analysis

35	6.868	1791	1797	1801	rBV2	711	468	0.01%	0.003%
36	6.926	1811	1815	1821	rVB3	880	1009	0.02%	0.006%
37	7.090	1862	1866	1868	rBV2	723	507	0.01%	0.003%
38	7.225	1895	1908	1928	rBV	171869	317299	7.67%	1.812%
39	7.370	1950	1953	1960	rVB5	1020	874	0.02%	0.005%
40	7.472	1983	1985	1989	rVB3	1346	816	0.02%	0.005%
41	7.562	2000	2013	2033	rBV	691356	1230908	29.75%	7.030%
42	7.849	2090	2102	2120	rBV2	118255	209175	5.06%	1.195%
43	8.170	2193	2202	2212	rBV3	8102	13239	0.32%	0.076%
44	8.228	2212	2220	2232	rVB6	7527	14526	0.35%	0.083%
45	8.308	2234	2245	2280	rBV2	474440	955134	23.08%	5.455%
46	8.546	2316	2319	2322	rBV2	1066	782	0.02%	0.004%
47	8.643	2347	2349	2352	rBV2	947	746	0.02%	0.004%
48	8.736	2375	2378	2381	rBV3	666	483	0.01%	0.003%
49	8.842	2407	2411	2419	rVB5	2087	2316	0.06%	0.013%
50	8.881	2419	2423	2426	rBV3	783	479	0.01%	0.003%
51	8.913	2426	2433	2434	rBV4	735	738	0.02%	0.004%
52	9.019	2462	2466	2468	rBV3	934	499	0.01%	0.003%
53	9.035	2468	2471	2475	rBV2	575	473	0.01%	0.003%
54	9.086	2475	2487	2516	rBV	741748	1254174	30.31%	7.163%
55	9.286	2548	2549	2552	rVB3	1150	465	0.01%	0.003%
56	9.369	2571	2575	2579	rBV4	908	934	0.02%	0.005%
57	9.389	2579	2581	2584	rVB2	1199	572	0.01%	0.003%
58	9.408	2584	2587	2592	rVB4	1110	921	0.02%	0.005%
59	9.447	2592	2599	2604	rBV6	1330	1789	0.04%	0.010%
60	9.485	2607	2611	2617	rVB6	1120	961	0.02%	0.005%
61	9.765	2693	2698	2701	rBV2	563	592	0.01%	0.003%
62	9.948	2753	2755	2758	rVV	775	517	0.01%	0.003%
63	9.964	2758	2760	2763	rVV	832	505	0.01%	0.003%
64	10.048	2782	2786	2788	rBV3	899	685	0.02%	0.004%
65	10.231	2836	2843	2845	rVB4	773	706	0.02%	0.004%
66	10.315	2866	2869	2873	rVB2	816	571	0.01%	0.003%
67	10.427	2891	2904	2930	rVV	513575	838154	20.26%	4.787%
68	10.604	2948	2959	2972	rVB6	6641	12122	0.29%	0.069%
69	10.742	3000	3002	3010	rVB6	1389	1634	0.04%	0.009%
70	10.784	3010	3015	3020	rBV4	807	792	0.02%	0.005%
71	10.874	3038	3043	3046	rBV4	666	637	0.02%	0.004%

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ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC27

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\SOMULM040519WMA.M
Title : VOC Analysis

72	10.945	3062	3065	3071	rBV2	829	961	0.02%	0.005%
73	10.996	3075	3081	3083	rBV2	398	464	0.01%	0.003%
74	11.080	3102	3107	3110	rBV4	729	620	0.01%	0.004%
75	11.212	3145	3148	3154	rBV3	649	760	0.02%	0.004%
76	11.273	3164	3167	3170	rBV2	898	635	0.02%	0.004%
77	11.328	3180	3184	3187	rVB3	1010	660	0.02%	0.004%
78	11.421	3206	3213	3214	rBV5	961	928	0.02%	0.005%
79	11.482	3219	3232	3253	rBV	569746	954545	23.07%	5.452%
80	11.704	3296	3301	3304	rBV5	1382	1404	0.03%	0.008%
81	11.726	3306	3308	3315	rVB7	1685	1391	0.03%	0.008%
82	11.758	3315	3318	3321	rBV4	1349	1057	0.03%	0.006%
83	11.855	3336	3348	3369	rBV	575707	982628	23.75%	5.612%
84	12.154	3438	3441	3444	rBV3	822	818	0.02%	0.005%
85	12.369	3502	3508	3511	rBV3	1170	1087	0.03%	0.006%
86	12.475	3534	3541	3551	rBV7	2557	5050	0.12%	0.029%
87	12.713	3613	3615	3621	rVB2	1045	940	0.02%	0.005%
88	12.791	3636	3639	3643	rVB3	858	705	0.02%	0.004%
89	12.996	3700	3703	3705	rBV3	917	468	0.01%	0.003%
90	13.067	3721	3725	3730	rBV3	973	1012	0.02%	0.006%
91	13.228	3771	3775	3777	rVB3	860	570	0.01%	0.003%
92	13.392	3824	3826	3830	rBV3	593	536	0.01%	0.003%
93	13.733	3929	3932	3935	rBV3	794	538	0.01%	0.003%
94	13.781	3943	3947	3953	rVB4	1078	1205	0.03%	0.007%
95	13.926	3990	3992	3993	rBV	1639	521	0.01%	0.003%
96	13.990	4009	4012	4014	rBV3	934	628	0.02%	0.004%
97	14.009	4014	4018	4020	rBV4	1364	1063	0.03%	0.006%
98	14.241	4087	4090	4095	rBV3	948	912	0.02%	0.005%
99	15.951	4619	4622	4630	rVB5	1979	1783	0.04%	0.010%
100	16.099	4664	4668	4669	rBV2	1522	1304	0.03%	0.007%

Sum of corrected areas: 17508134

LSC Report - Integrated Chromatogram

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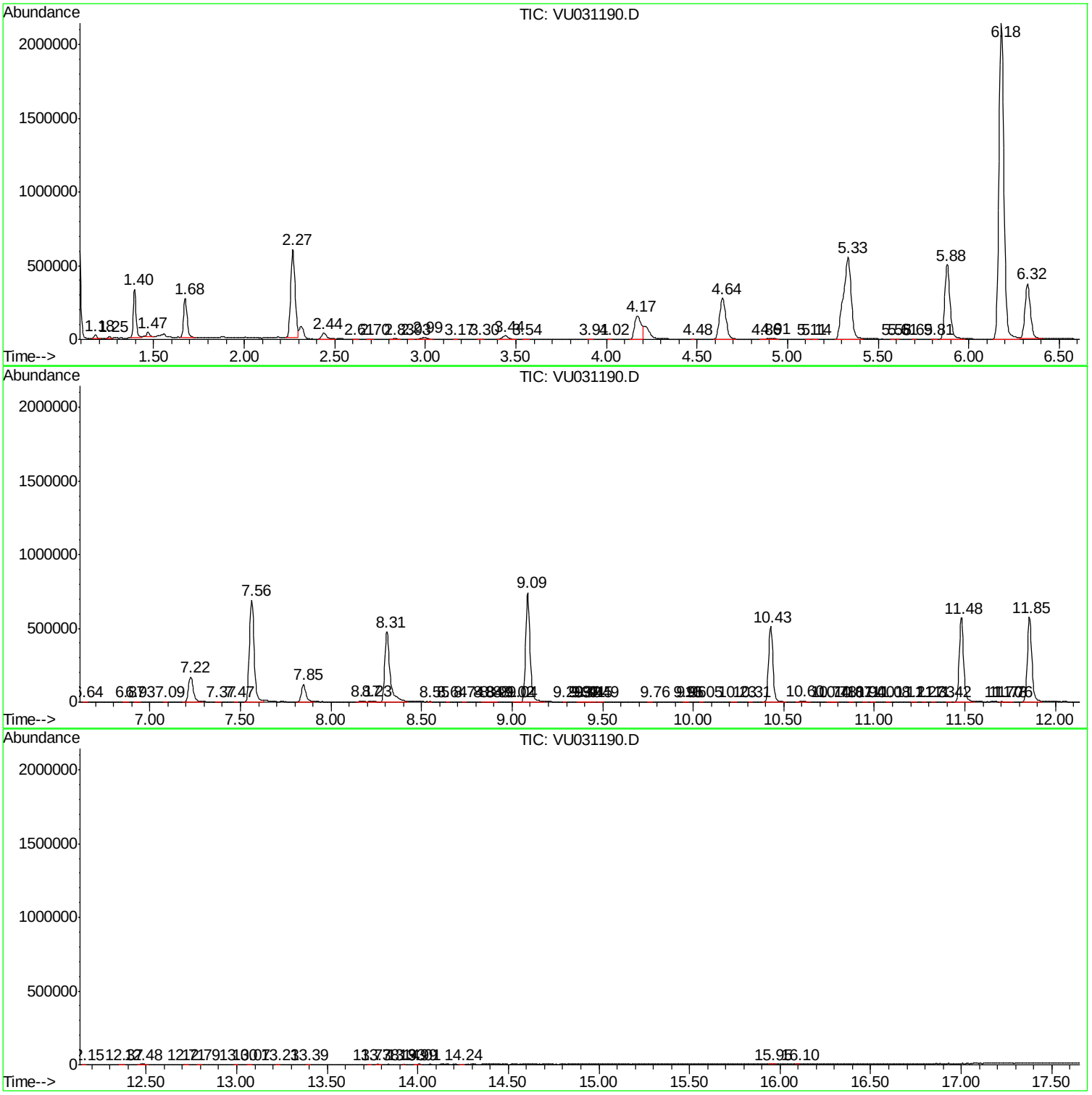
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC27

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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\VU041319\
Data File : VU031190.D
Acq On : 14 Apr 2019 05:08
Operator : JC/SP
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC27

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

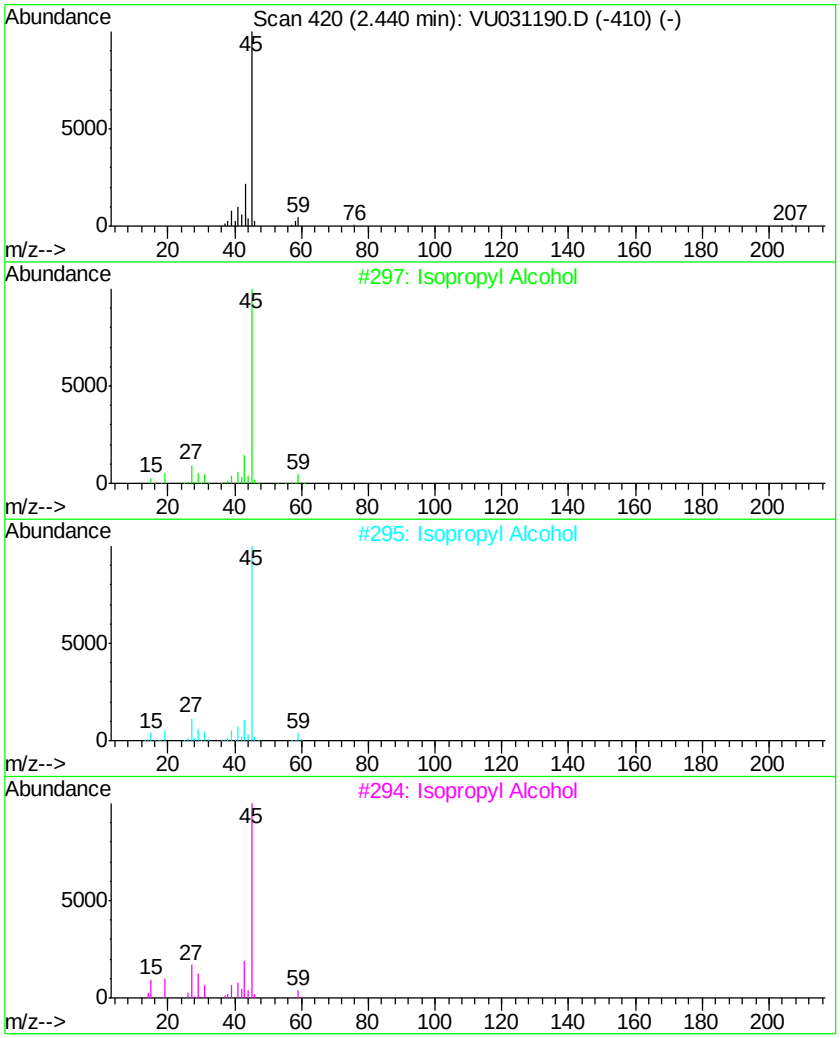
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

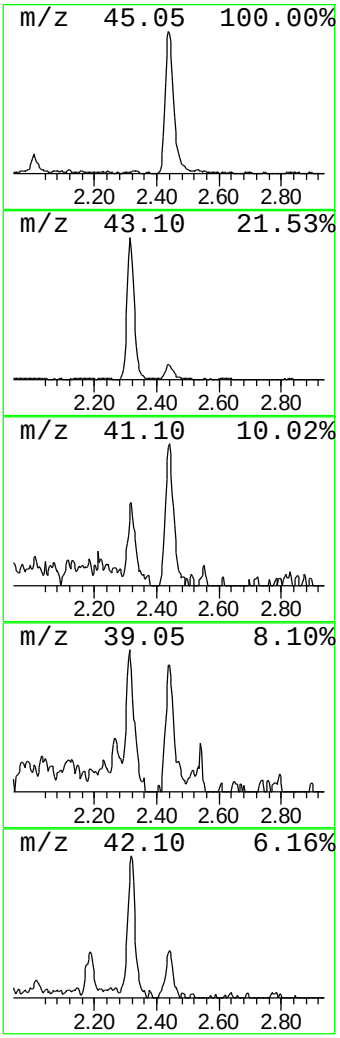
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.62 ug/L	74696	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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	2.44	3.6	ug/L	74696	1	5.88	1030350	50.0