LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
Data File : VU031194.D
Acq On : 14 Apr 2019 06:42
Operator : JC/SP
Sample : K2409-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC33

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	1.180	22	28	36	rBV	37626	37107	2.09%	0.267%
2	1.299	62	65	70	rVB2	13309	11188	0.63%	0.080%
3	1.396	87	95	105	rBV	351660	375367	21.12%	2.699%
4	1.672	173	181	196	rVB	243606	340201	19.14%	2.446%
5	2.264	356	365	378	rVB	452572	679430	38.22%	4.886%
6	2.441	410	420	442	rVB	28434	53709	3.02%	0.386%
7	2.572	457	461	469	rVB6	725	1030	0.06%	0.007%
8	2.611	469	473	475	rBV3	637	460	0.03%	0.003%
9	2.672	488	492	494	rBV2	871	600	0.03%	0.004%
10	2.691	495	498	501	rVV3	752	702	0.04%	0.005%
11	2.740	507	513	519	rBV4	1330	1392	0.08%	0.010%
12	2.826	531	540	542	rBV4	1947	2633	0.15%	0.019%
13	2.875	552	555	560	rVB3	684	560	0.03%	0.004%
14	2.936	572	574	579	rVB3	664	465	0.03%	0.003%
15	2.987	586	590	593	rVV3	865	688	0.04%	0.005%
16	3.013	593	598	602	rVV2	747	793	0.04%	0.006%
17	3.087	617	621	626	rBV3	572	635	0.04%	0.005%
18	3.116	627	630	640	rVB2	973	1056	0.06%	0.008%
19	3.232	662	666	670	rBV3	694	529	0.03%	0.004%
20	3.296	680	686	689	rBV3	1181	1370	0.08%	0.010%
21	3.351	696	703	709	rVB4	670	780	0.04%	0.006%
22	3.524	754	757	761	rVB2	636	501	0.03%	0.004%
23	3.588	774	777	781	rBV3	542	476	0.03%	0.003%
24	3.630	788	790	795	rVB3	728	526	0.03%	0.004%
25	3.695	806	810	814	rVV2	646	493	0.03%	0.004%
26	3.733	818	822	827	rVB2	803	646	0.04%	0.005%
27	3.775	827	835	841	rBV3	529	761	0.04%	0.005%
28	3.804	841	844	853	rVB3	547	560	0.03%	0.004%
29	3.871	858	865	874	rVB4	611	1060	0.06%	0.008%
30	4.035	911	916	920	rBV3	602	619	0.03%	0.004%
31	4.087	927	932	935	rVB3	1121	954	0.05%	0.007%
32	4.167	945	957	989	rBV2	173353	479180	26.96%	3.446%
33	4.537	1069	1072	1075	rBV2	1053	799	0.04%	0.006%
34	4.640	1087	1104	1133	rBV2	293056	711530	40.03%	5.116%

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ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC33

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	4.987	1204	1212	1217	rBV4	1843	2226	0.13%	0.016%
36	5.129	1250	1256	1259	rBV2	749	689	0.04%	0.005%
37	5.215	1280	1283	1289	rVB3	730	773	0.04%	0.006%
38	5.248	1289	1293	1297	rBV3	689	615	0.03%	0.004%
39	5.334	1297	1320	1347	rBV2	595086	1777493	100.00%	12.781%
40	5.537	1381	1383	1389	rVB5	1150	984	0.06%	0.007%
41	5.672	1420	1425	1427	rBV4	1023	758	0.04%	0.005%
42	5.685	1427	1429	1436	rVB5	1002	1028	0.06%	0.007%
43	5.768	1452	1455	1458	rBV4	850	651	0.04%	0.005%
44	5.881	1476	1490	1520	rBV	514570	1029879	57.94%	7.406%
45	6.186	1570	1585	1601	rBV8	11808	26380	1.48%	0.190%
46	6.257	1604	1607	1609	rBV2	805	476	0.03%	0.003%
47	6.325	1615	1628	1650	rBV	399558	800575	45.04%	5.757%
48	6.563	1700	1702	1707	rBV3	830	546	0.03%	0.004%
49	6.659	1729	1732	1736	rVB2	1056	648	0.04%	0.005%
50	6.855	1789	1793	1797	rVV4	575	491	0.03%	0.004%
51	6.903	1806	1808	1814	rBV2	494	490	0.03%	0.004%
52	6.952	1819	1823	1827	rBV4	731	626	0.04%	0.005%
53	6.981	1830	1832	1837	rBV	592	471	0.03%	0.003%
54	7.016	1840	1843	1845	rBV	703	482	0.03%	0.003%
55	7.055	1850	1855	1859	rBV3	485	471	0.03%	0.003%
56	7.132	1876	1879	1884	rBV2	441	538	0.03%	0.004%
57	7.225	1893	1908	1932	rBV	195734	365889	20.58%	2.631%
58	7.469	1979	1984	1988	rVB4	1171	1078	0.06%	0.008%
59	7.563	1999	2013	2033	rBV	729852	1303155	73.31%	9.371%
60	7.846	2091	2101	2116	rBV	137435	239884	13.50%	1.725%
61	8.042	2159	2162	2168	rVB4	690	731	0.04%	0.005%
62	8.103	2178	2181	2183	rVB	727	478	0.03%	0.003%
63	8.122	2183	2187	2189	rBV2	689	612	0.03%	0.004%
64	8.135	2189	2191	2194	rVV3	860	482	0.03%	0.003%
65	8.151	2194	2196	2198	rVV	826	479	0.03%	0.003%
66	8.174	2199	2203	2212	rVB3	2276	2741	0.15%	0.020%
67	8.309	2234	2245	2285	rBV2	503852	1023878	57.60%	7.362%
68	8.598	2334	2335	2339	rBV4	608	465	0.03%	0.003%
69	8.640	2344	2348	2349	rBV2	1091	617	0.03%	0.004%
70	8.913	2429	2433	2436	rBV3	1103	761	0.04%	0.005%
71	9.042	2470	2473	2475	rBV2	965	507	0.03%	0.004%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC33

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	9.087	2475	2487	2513	rBV	821121	1401844	78.87%	10.080%
73	9.247	2535	2537	2542	rVB5	1282	938	0.05%	0.007%
74	9.302	2550	2554	2557	rBV3	914	668	0.04%	0.005%
75	9.386	2576	2580	2584	rVB4	984	871	0.05%	0.006%
76	9.720	2682	2684	2689	rVB	768	530	0.03%	0.004%
77	9.961	2752	2759	2763	rBV6	666	971	0.05%	0.007%
78	10.363	2881	2884	2887	rVB3	853	507	0.03%	0.004%
79	10.427	2887	2904	2924	rBV	554510	895403	50.37%	6.439%
80	10.585	2949	2953	2956	rBV3	909	852	0.05%	0.006%
81	10.656	2969	2975	2977	rBV4	750	728	0.04%	0.005%
82	11.125	3115	3121	3122	rBV2	815	716	0.04%	0.005%
83	11.186	3136	3140	3145	rVV2	707	865	0.05%	0.006%
84	11.231	3150	3154	3157	rBV2	632	674	0.04%	0.005%
85	11.325	3179	3183	3186	rBV4	873	827	0.05%	0.006%
86	11.382	3198	3201	3205	rVB3	1052	697	0.04%	0.005%
87	11.405	3205	3208	3215	rVB4	1322	1232	0.07%	0.009%
88	11.479	3216	3231	3259	rBV	697636	1164775	65.53%	8.376%
89	11.800	3328	3331	3333	rBV3	763	613	0.03%	0.004%
90	11.855	3336	3348	3370	rVV	677727	1127365	63.42%	8.107%
91	12.453	3531	3534	3537	rBV2	965	737	0.04%	0.005%
92	12.771	3630	3633	3637	rBV3	1183	1043	0.06%	0.007%
93	12.945	3683	3687	3691	rVB5	837	753	0.04%	0.005%
94	13.067	3721	3725	3728	rBV3	1640	1538	0.09%	0.011%
95	13.897	3980	3983	3987	rVB5	1079	753	0.04%	0.005%
96	13.964	3999	4004	4006	rBV4	841	781	0.04%	0.006%
97	13.993	4010	4013	4015	rVB	961	549	0.03%	0.004%
98	14.340	4118	4121	4124	rBV	758	672	0.04%	0.005%
99	15.684	4537	4539	4542	rBV2	1162	639	0.04%	0.005%
100	15.794	4571	4573	4575	rBV	980	483	0.03%	0.003%

Sum of corrected areas: 13906871

LSC Report - Integrated Chromatogram

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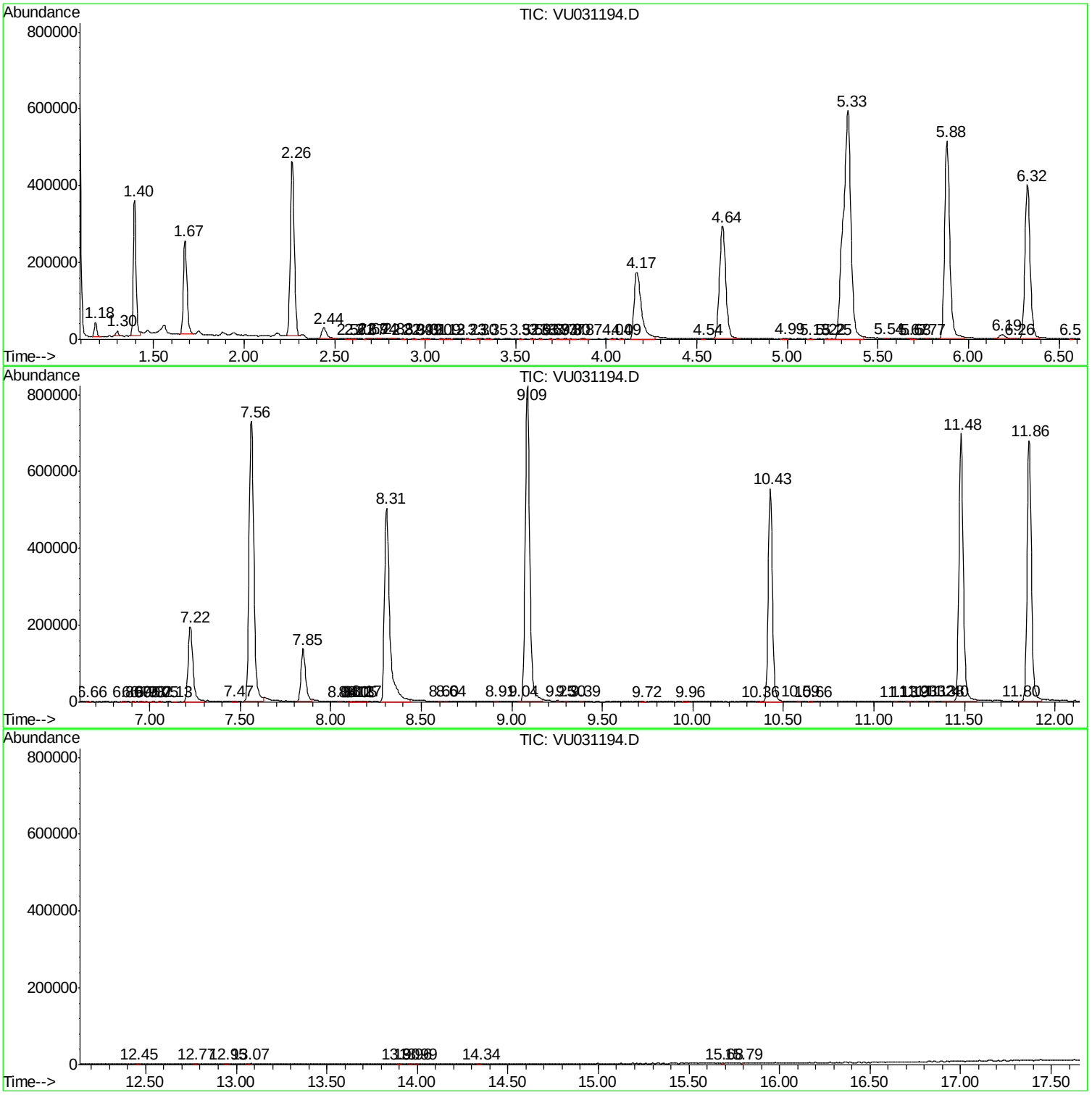
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC33

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 : VU031194.D
Acq On : 14 Apr 2019 06:42
Operator : JC/SP
Sample : K2409-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFC33

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

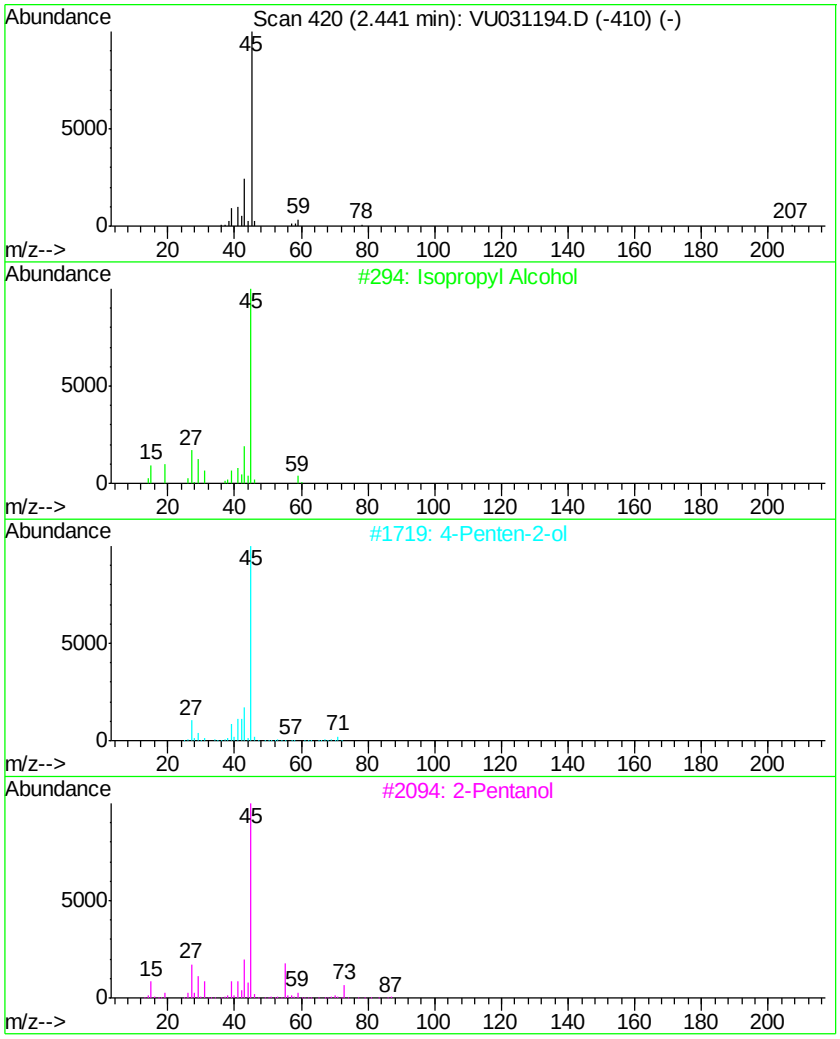
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

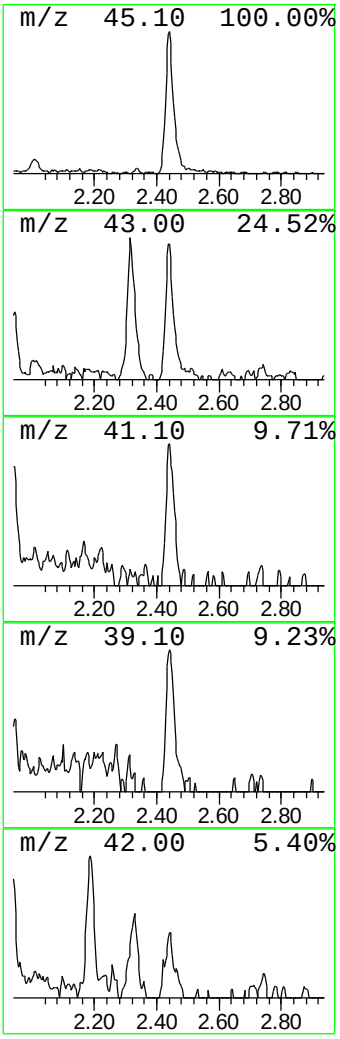
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.61 ug/L	53709	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
2	4-Penten-2-ol	86	C5H10O	000625-31-0	39
3	2-Pentanol	88	C5H12O	006032-29-7	9
4	(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	9
5	2-Methyl-4-methoxy-1-butanol	118	C6H14O2	071052-94-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041319\
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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
unknown-01	2.44	2.6	ug/L	53709	1	5.88	1029880	50.0