LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033019\
Data File : VU030552.D
Acq On : 29 Mar 2019 19:20
Operator : JC/SP
Sample : K2166-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1G1

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\SOMULM032319WMA.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	1.183	24	29	36	rVB	15401	14767	0.88%	0.114%
2	1.328	70	74	85	rVV	11567	12238	0.73%	0.094%
3	1.399	89	96	110	rVB	230398	231507	13.79%	1.783%
4	1.672	174	181	202	rVB	175516	236907	14.12%	1.825%
5	2.267	356	366	377	rBV	357085	543903	32.41%	4.189%
6	2.447	412	422	445	rBV	116143	209635	12.49%	1.615%
7	2.701	496	501	512	rVB6	4155	6238	0.37%	0.048%
8	2.743	512	514	518	rVB2	651	429	0.03%	0.003%
9	2.794	527	530	532	rBV3	479	337	0.02%	0.003%
10	2.836	532	543	553	rVV4	3027	6712	0.40%	0.052%
11	2.916	564	568	570	rBV	687	435	0.03%	0.003%
12	2.948	575	578	581	rBV2	432	290	0.02%	0.002%
13	3.103	618	626	629	rBV3	668	748	0.04%	0.006%
14	3.177	643	649	650	rBV2	1163	1069	0.06%	0.008%
15	3.186	650	652	653	rBV	610	309	0.02%	0.002%
16	3.344	698	701	706	rBV2	382	324	0.02%	0.002%
17	3.550	757	765	770	rBV	344	398	0.02%	0.003%
18	3.614	780	785	788	rVB2	495	318	0.02%	0.002%
19	3.659	793	799	802	rBV2	626	609	0.04%	0.005%
20	3.730	817	821	826	rVB2	434	307	0.02%	0.002%
21	4.032	910	915	919	rBV	252	283	0.02%	0.002%
22	4.074	924	928	933	rVB3	380	345	0.02%	0.003%
23	4.177	947	960	998	rBV	183811	501433	29.88%	3.862%
24	4.643	1089	1105	1135	rBV	276180	661720	39.43%	5.097%
25	4.868	1172	1175	1176	rBV2	604	382	0.02%	0.003%
26	5.019	1220	1222	1226	rVB3	806	470	0.03%	0.004%
27	5.074	1234	1239	1242	rBV3	357	382	0.02%	0.003%
28	5.241	1286	1291	1294	rBV3	414	311	0.02%	0.002%
29	5.337	1298	1321	1357	rBV2	553383	1678233	100.00%	12.926%
30	5.662	1418	1422	1425	rBV3	609	361	0.02%	0.003%
31	5.736	1439	1445	1451	rBV4	633	874	0.05%	0.007%
32	5.768	1451	1455	1456	rBV2	562	309	0.02%	0.002%
33	5.797	1456	1464	1465	rBV3	2499	2418	0.14%	0.019%
34	5.884	1477	1491	1520	rBV	515933	1035942	61.73%	7.979%

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1G1

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\SOMULM032319WMA.M
Title : VOC Analysis

35	6.170	1576	1580	1582	rBV3	750	575	0.03%	0.004%
36	6.183	1582	1584	1588	rVB3	714	409	0.02%	0.003%
37	6.254	1603	1606	1609	rBV2	397	294	0.02%	0.002%
38	6.328	1615	1629	1656	rBV	377581	786656	46.87%	6.059%
39	6.601	1709	1714	1717	rBV2	774	606	0.04%	0.005%
40	6.620	1717	1720	1726	rVB4	514	459	0.03%	0.004%
41	6.685	1737	1740	1746	rBV4	475	533	0.03%	0.004%
42	6.765	1759	1765	1769	rBV2	344	328	0.02%	0.003%
43	6.823	1779	1783	1785	rBV2	657	430	0.03%	0.003%
44	6.865	1793	1796	1798	rBV	497	285	0.02%	0.002%
45	6.887	1800	1803	1805	rVV3	816	453	0.03%	0.003%
46	6.907	1807	1809	1813	rVB2	538	286	0.02%	0.002%
47	7.042	1846	1851	1854	rVB	443	363	0.02%	0.003%
48	7.225	1896	1908	1938	rBV	195781	368037	21.93%	2.835%
49	7.389	1954	1959	1965	rVV7	1823	2424	0.14%	0.019%
50	7.482	1985	1988	1990	rBV3	584	337	0.02%	0.003%
51	7.562	2000	2013	2046	rBV	669107	1199293	71.46%	9.237%
52	7.849	2091	2102	2130	rBV	137875	249039	14.84%	1.918%
53	8.074	2167	2172	2175	rBV3	785	705	0.04%	0.005%
54	8.132	2187	2190	2194	rBV2	724	434	0.03%	0.003%
55	8.170	2197	2202	2203	rBV3	1283	973	0.06%	0.007%
56	8.308	2228	2245	2296	rBV	589988	1131677	67.43%	8.716%
57	8.514	2307	2309	2313	rBV5	865	434	0.03%	0.003%
58	8.569	2323	2326	2328	rVB4	678	311	0.02%	0.002%
59	8.611	2337	2339	2346	rVB2	723	480	0.03%	0.004%
60	8.733	2371	2377	2381	rBV3	467	399	0.02%	0.003%
61	8.916	2432	2434	2438	rVB2	508	339	0.02%	0.003%
62	9.086	2474	2487	2509	rBV	745990	1263642	75.30%	9.733%
63	9.231	2530	2532	2536	rVB2	839	586	0.03%	0.005%
64	9.257	2537	2540	2545	rVB4	390	298	0.02%	0.002%
65	9.334	2561	2564	2571	rVB5	743	741	0.04%	0.006%
66	9.373	2572	2576	2579	rBV2	889	715	0.04%	0.006%
67	9.492	2610	2613	2620	rVB2	390	304	0.02%	0.002%
68	9.524	2620	2623	2626	rBV	426	310	0.02%	0.002%
69	9.595	2641	2645	2648	rVV	355	287	0.02%	0.002%
70	9.887	2733	2736	2742	rVB2	456	294	0.02%	0.002%
71	10.025	2773	2779	2780	rBV	317	292	0.02%	0.002%

LSC Area Percent Report

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Instrument : MSVOA_U
ClientSampleId : BF1G1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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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\SOMULM032319WMA.M
Title : VOC Analysis

72	10.176	2818	2826	2827	rBV2	404	464	0.03%	0.004%
73	10.212	2835	2837	2843	rVB3	634	389	0.02%	0.003%
74	10.366	2882	2885	2890	rVB2	477	314	0.02%	0.002%
75	10.427	2891	2904	2924	rBV	524331	857358	51.09%	6.603%
76	10.566	2944	2947	2951	rVB2	569	321	0.02%	0.002%
77	10.604	2954	2959	2968	rVV4	1643	2288	0.14%	0.018%
78	10.742	3000	3002	3005	rBV	559	376	0.02%	0.003%
79	10.797	3016	3019	3021	rVB3	568	310	0.02%	0.002%
80	10.839	3030	3032	3035	rBV	419	284	0.02%	0.002%
81	11.302	3170	3176	3177	rBV2	603	481	0.03%	0.004%
82	11.482	3220	3232	3251	rBV	585999	975370	58.12%	7.512%
83	11.736	3309	3311	3316	rBV3	542	314	0.02%	0.002%
84	11.858	3336	3349	3377	rBV	565695	970445	57.83%	7.474%
85	12.192	3449	3453	3456	rBV4	971	750	0.04%	0.006%
86	12.344	3496	3500	3504	rBV4	621	683	0.04%	0.005%
87	12.459	3532	3536	3538	rBV2	795	567	0.03%	0.004%
88	12.559	3563	3567	3574	rVB4	991	1062	0.06%	0.008%
89	12.659	3592	3598	3603	rBV4	687	980	0.06%	0.008%
90	12.694	3606	3609	3616	rVB3	568	628	0.04%	0.005%
91	12.836	3651	3653	3657	rBV2	321	301	0.02%	0.002%
92	12.909	3672	3676	3679	rBV2	561	567	0.03%	0.004%
93	13.048	3715	3719	3725	rVB2	852	641	0.04%	0.005%
94	13.192	3762	3764	3769	rBV2	411	366	0.02%	0.003%
95	13.543	3870	3873	3876	rBV	635	495	0.03%	0.004%
96	13.675	3911	3914	3921	rBV2	601	699	0.04%	0.005%
97	13.871	3973	3975	3978	rBV	443	306	0.02%	0.002%
98	14.061	4032	4034	4039	rBV4	629	446	0.03%	0.003%
99	14.157	4061	4064	4065	rBV2	630	395	0.02%	0.003%
100	16.302	4728	4731	4733	rBV3	1529	1024	0.06%	0.008%

Sum of corrected areas: 12983595

LSC Report - Integrated Chromatogram

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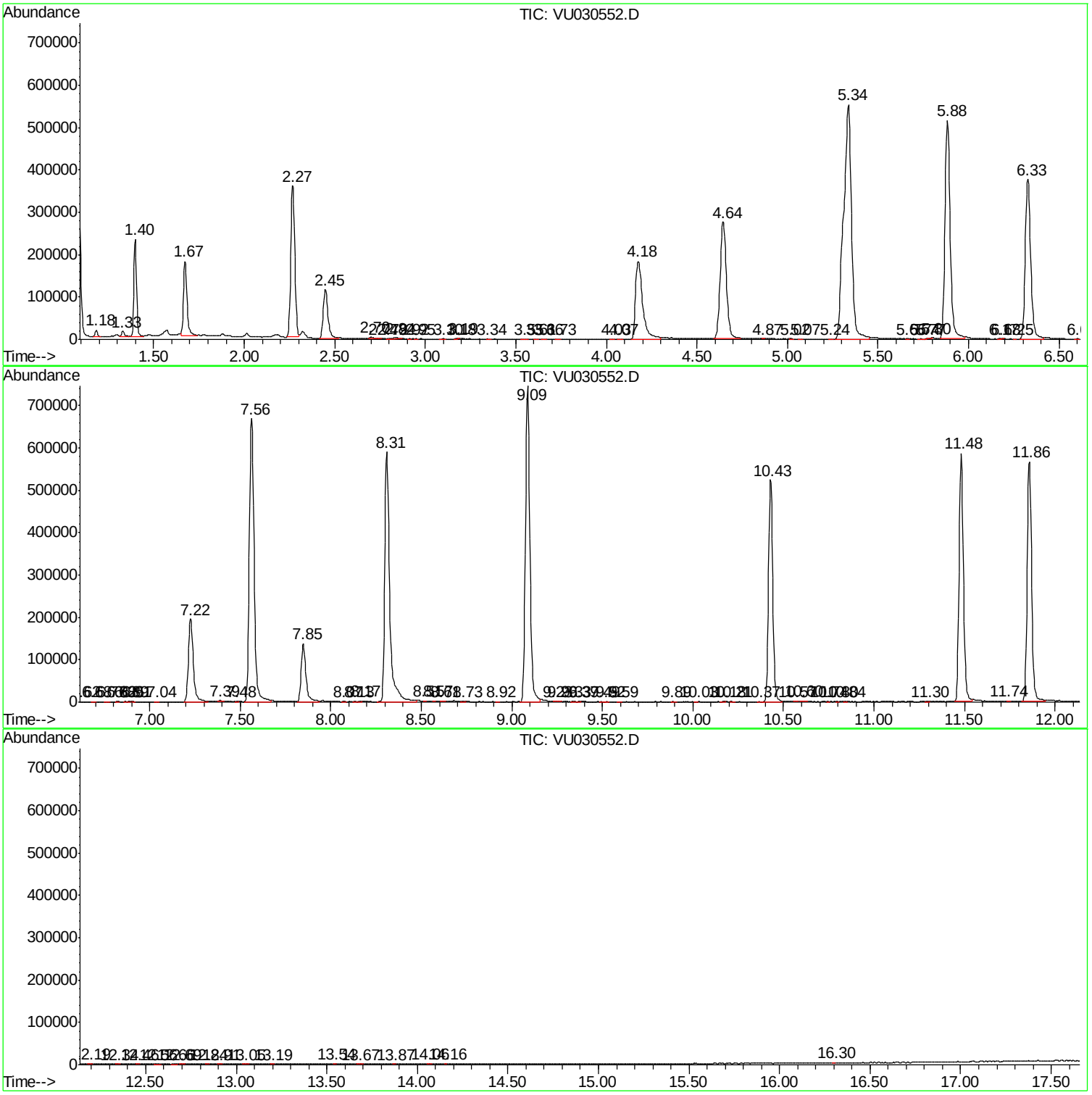
Instrument : MSVOA_U
ClientSampleId : BF1G1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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\VU033019\
Data File : VU030552.D
Acq On : 29 Mar 2019 19:20
Operator : JC/SP
Sample : K2166-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1G1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

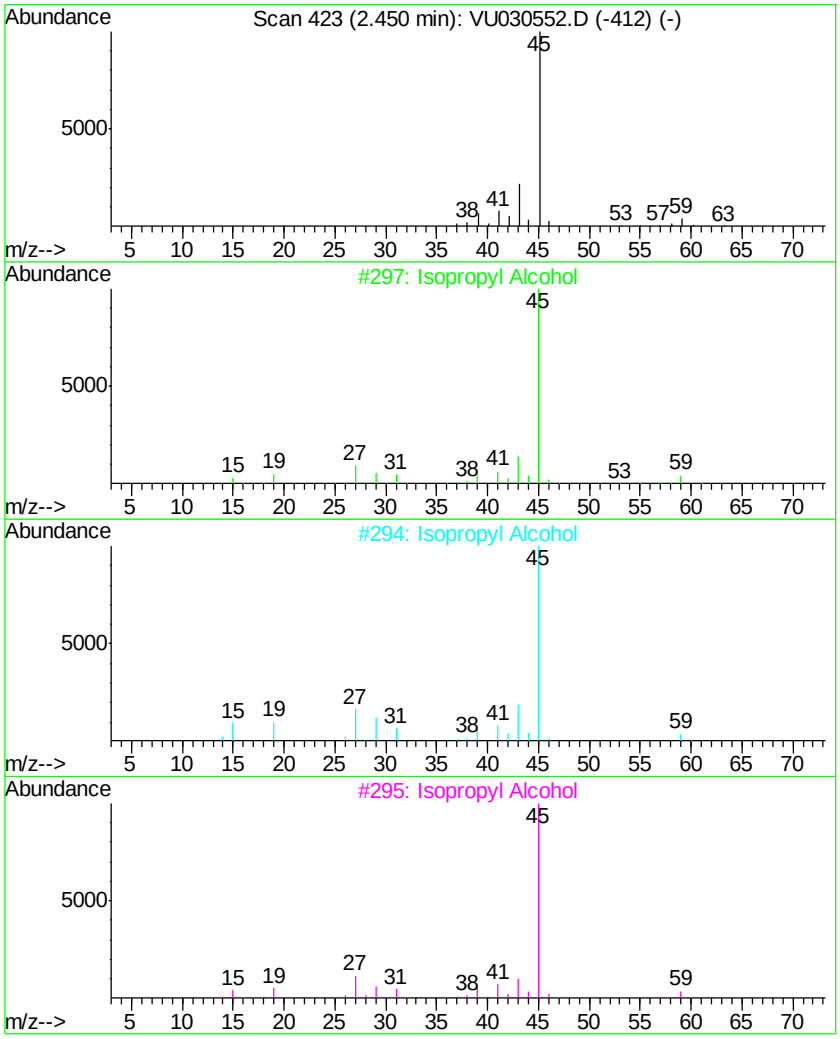
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

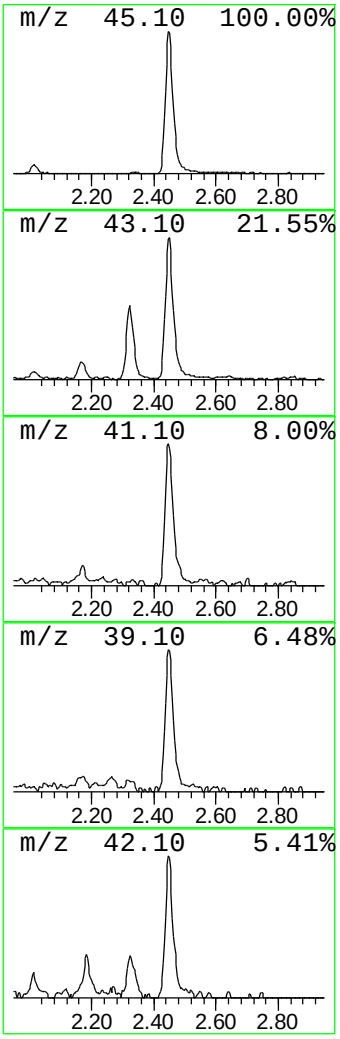
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	10.12 ug/L	209635	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	90
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
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\SOMULM032319WMA.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	10.1	ug/L	209635	1	5.88	1035940	50.0