LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
Data File : VU032976.D
Acq On : 22 Jun 2019 03:31
Operator : JC/SP
Sample : K3464-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF50

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\SOMULM061719WMA.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	1.396	88	95	104	rBV	84606	84105	6.67%	1.181%
2	1.675	174	182	196	rVB	73548	89624	7.11%	1.258%
3	2.264	355	365	377	rVB	145503	218661	17.34%	3.069%
4	2.441	409	420	436	rBV	18906	34318	2.72%	0.482%
5	2.540	446	451	452	rBV	413	313	0.02%	0.004%
6	2.646	479	484	488	rBV4	368	345	0.03%	0.005%
7	2.791	525	529	533	rBV3	319	275	0.02%	0.004%
8	2.830	533	541	551	rVV4	1058	2120	0.17%	0.030%
9	2.920	565	569	572	rVB3	349	252	0.02%	0.004%
10	2.974	580	586	596	rBV5	1698	2740	0.22%	0.038%
11	3.180	642	650	662	rVB4	1826	3071	0.24%	0.043%
12	3.261	671	675	679	rBV2	214	201	0.02%	0.003%
13	3.328	693	696	702	rBV3	412	346	0.03%	0.005%
14	3.437	727	730	733	rVB2	302	213	0.02%	0.003%
15	3.588	774	777	781	rVB2	296	203	0.02%	0.003%
16	3.611	781	784	788	rBV	460	319	0.03%	0.004%
17	3.695	806	810	813	rBV2	306	303	0.02%	0.004%
18	3.736	820	823	828	rBV2	252	206	0.02%	0.003%
19	3.904	871	875	882	rBV3	270	324	0.03%	0.005%
20	4.026	905	913	916	rVB2	348	429	0.03%	0.006%
21	4.170	944	958	966	rBV	72623	174341	13.83%	2.447%
22	4.376	1020	1022	1027	rVB2	471	319	0.03%	0.004%
23	4.405	1027	1031	1032	rBV	339	218	0.02%	0.003%
24	4.531	1068	1070	1077	rVB2	254	296	0.02%	0.004%
25	4.563	1077	1080	1084	rBV2	325	262	0.02%	0.004%
26	4.640	1088	1104	1130	rVV2	130267	343861	27.28%	4.827%
27	4.730	1130	1132	1138	rVB2	853	808	0.06%	0.011%
28	4.772	1138	1145	1148	rBV2	564	574	0.05%	0.008%
29	4.875	1171	1177	1179	rVV3	365	392	0.03%	0.006%
30	4.887	1179	1181	1187	rVB4	470	357	0.03%	0.005%
31	4.965	1202	1205	1208	rVB	326	202	0.02%	0.003%
32	5.010	1216	1219	1225	rVB	450	364	0.03%	0.005%
33	5.045	1225	1230	1235	rBV2	261	316	0.03%	0.004%
34	5.125	1253	1255	1258	rBV	273	206	0.02%	0.003%

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ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF50

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Title : VOC Analysis

35	5.203	1276	1279	1286	rBV2	220	238	0.02%	0.003%
36	5.238	1287	1290	1297	rVB2	268	249	0.02%	0.003%
37	5.331	1297	1319	1348	rBV2	240053	723848	57.42%	10.160%
38	5.466	1358	1361	1365	rBV3	421	235	0.02%	0.003%
39	5.617	1405	1408	1412	rVB	436	269	0.02%	0.004%
40	5.675	1425	1426	1435	rVB2	291	227	0.02%	0.003%
41	5.736	1442	1445	1450	rBV3	285	271	0.02%	0.004%
42	5.791	1458	1462	1465	rBV3	596	495	0.04%	0.007%
43	5.881	1474	1490	1512	rBV	237429	473722	37.58%	6.649%
44	6.180	1567	1583	1606	rBV	654855	1260711	100.00%	17.696%
45	6.325	1614	1628	1657	rVB	167434	337430	26.77%	4.736%
46	6.498	1679	1682	1684	rBV2	399	230	0.02%	0.003%
47	6.627	1719	1722	1726	rVB	292	204	0.02%	0.003%
48	6.659	1726	1732	1734	rBV2	228	247	0.02%	0.003%
49	6.707	1743	1747	1748	rBV	289	205	0.02%	0.003%
50	6.733	1752	1755	1759	rVB2	246	202	0.02%	0.003%
51	6.756	1759	1762	1764	rBV	293	224	0.02%	0.003%
52	6.865	1791	1796	1797	rBV2	513	353	0.03%	0.005%
53	6.926	1811	1815	1817	rBV2	272	220	0.02%	0.003%
54	7.103	1866	1870	1874	rBV3	238	248	0.02%	0.003%
55	7.222	1894	1907	1931	rBV	88726	161612	12.82%	2.268%
56	7.347	1943	1946	1950	rVB3	396	283	0.02%	0.004%
57	7.386	1950	1958	1966	rBV6	2757	4671	0.37%	0.066%
58	7.559	1999	2012	2033	rBV	314991	548258	43.49%	7.696%
59	7.846	2089	2101	2123	rBV2	62649	110951	8.80%	1.557%
60	7.955	2132	2135	2144	rVB3	383	422	0.03%	0.006%
61	8.074	2168	2172	2176	rBV3	224	274	0.02%	0.004%
62	8.170	2198	2202	2212	rVB4	842	1130	0.09%	0.016%
63	8.305	2233	2244	2284	rBV	213619	395230	31.35%	5.548%
64	8.460	2289	2292	2299	rVB4	620	828	0.07%	0.012%
65	8.534	2312	2315	2322	rBV3	253	278	0.02%	0.004%
66	8.685	2358	2362	2367	rBV3	245	315	0.02%	0.004%
67	8.890	2420	2426	2429	rBV2	405	385	0.03%	0.005%
68	8.926	2433	2437	2442	rVB2	304	313	0.02%	0.004%
69	8.952	2442	2445	2448	rBV2	261	216	0.02%	0.003%
70	9.083	2474	2486	2513	rBV	362433	606131	48.08%	8.508%
71	9.238	2530	2534	2539	rVB3	543	421	0.03%	0.006%

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Instrument : MSVOA_U
ClientSampleId : ETF50

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\SOMULM061719WMA.M
Title : VOC Analysis

72	9.405	2583	2586	2588	rBV2	343	250	0.02%	0.004%
73	9.485	2608	2611	2614	rVB3	354	225	0.02%	0.003%
74	9.521	2618	2622	2627	rBV2	235	258	0.02%	0.004%
75	9.653	2658	2663	2665	rBV3	297	318	0.03%	0.004%
76	9.707	2676	2680	2683	rBV3	251	242	0.02%	0.003%
77	9.781	2700	2703	2705	rBV2	329	229	0.02%	0.003%
78	9.813	2710	2713	2716	rBV3	355	273	0.02%	0.004%
79	9.916	2742	2745	2748	rBV2	214	218	0.02%	0.003%
80	9.942	2748	2753	2756	rVV2	294	322	0.03%	0.005%
81	10.038	2777	2783	2785	rBV2	236	271	0.02%	0.004%
82	10.103	2800	2803	2807	rVB2	530	461	0.04%	0.006%
83	10.138	2807	2814	2817	rBV3	319	458	0.04%	0.006%
84	10.302	2862	2865	2868	rBV2	339	218	0.02%	0.003%
85	10.427	2891	2904	2920	rBV	247045	402065	31.89%	5.643%
86	10.884	3042	3046	3051	rBB3	261	237	0.02%	0.003%
87	10.932	3057	3061	3067	rBV3	306	412	0.03%	0.006%
88	11.038	3090	3094	3096	rBV2	269	226	0.02%	0.003%
89	11.405	3205	3208	3213	rBV3	197	226	0.02%	0.003%
90	11.479	3219	3231	3259	rBV	360119	576490	45.73%	8.092%
91	11.855	3335	3348	3376	rBV	328773	545169	43.24%	7.652%
92	12.025	3398	3401	3406	rVB5	647	532	0.04%	0.007%
93	12.103	3422	3425	3427	rBV2	425	300	0.02%	0.004%
94	12.244	3464	3469	3473	rBV3	648	528	0.04%	0.007%
95	12.337	3495	3498	3502	rBV3	259	231	0.02%	0.003%
96	12.900	3668	3673	3674	rBV3	383	293	0.02%	0.004%
97	12.996	3697	3703	3708	rBV3	326	491	0.04%	0.007%
98	13.135	3743	3746	3749	rVB2	327	225	0.02%	0.003%
99	13.652	3903	3907	3910	rBV2	429	441	0.03%	0.006%
100	14.482	4163	4165	4170	rBV4	372	354	0.03%	0.005%

Sum of corrected areas: 7124393

LSC Report - Integrated Chromatogram

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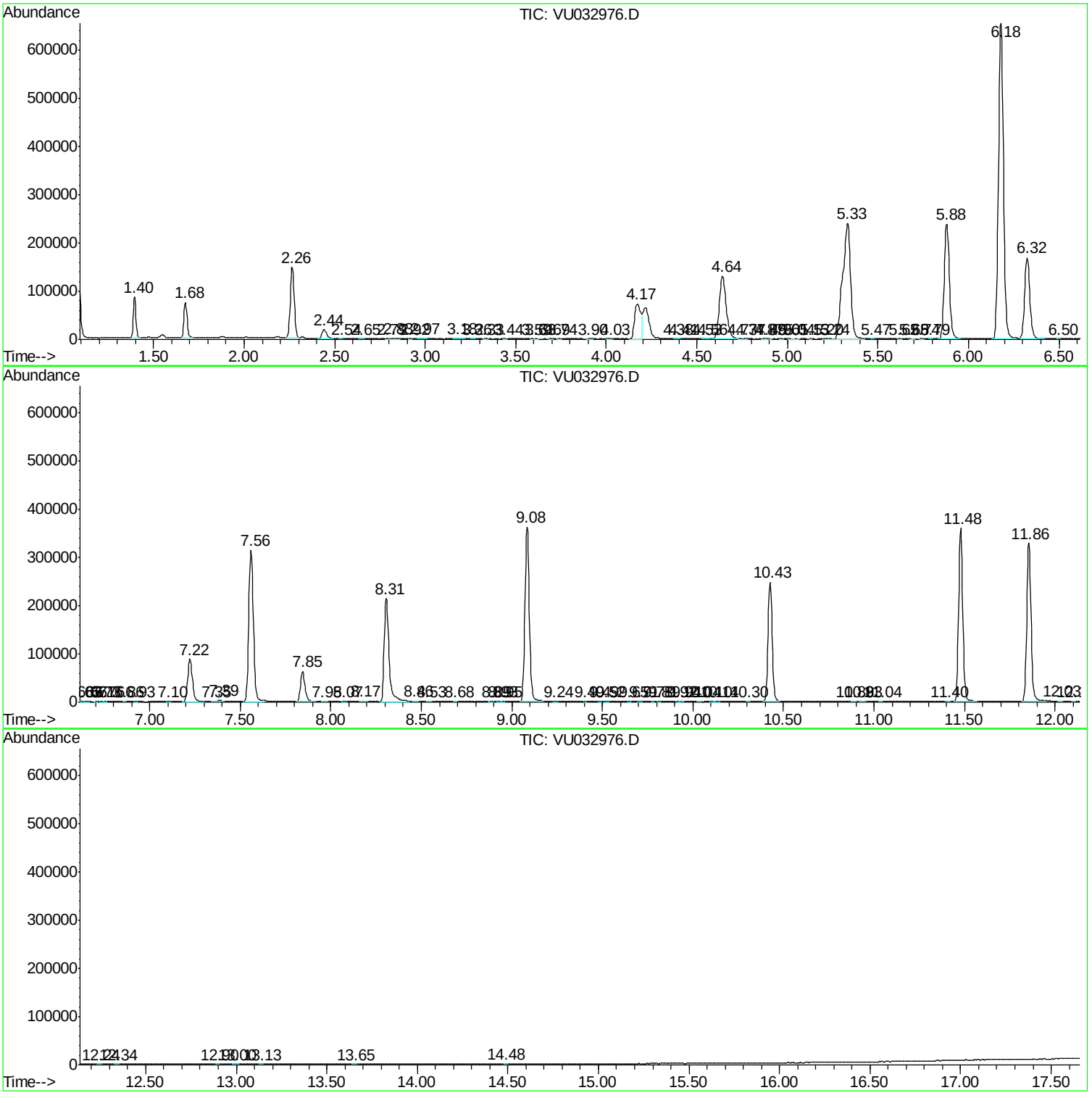
Instrument : MSVOA_U
ClientSampleId : ETF50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.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\VU062219\
Data File : VU032976.D
Acq On : 22 Jun 2019 03:31
Operator : JC/SP
Sample : K3464-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETF50

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis

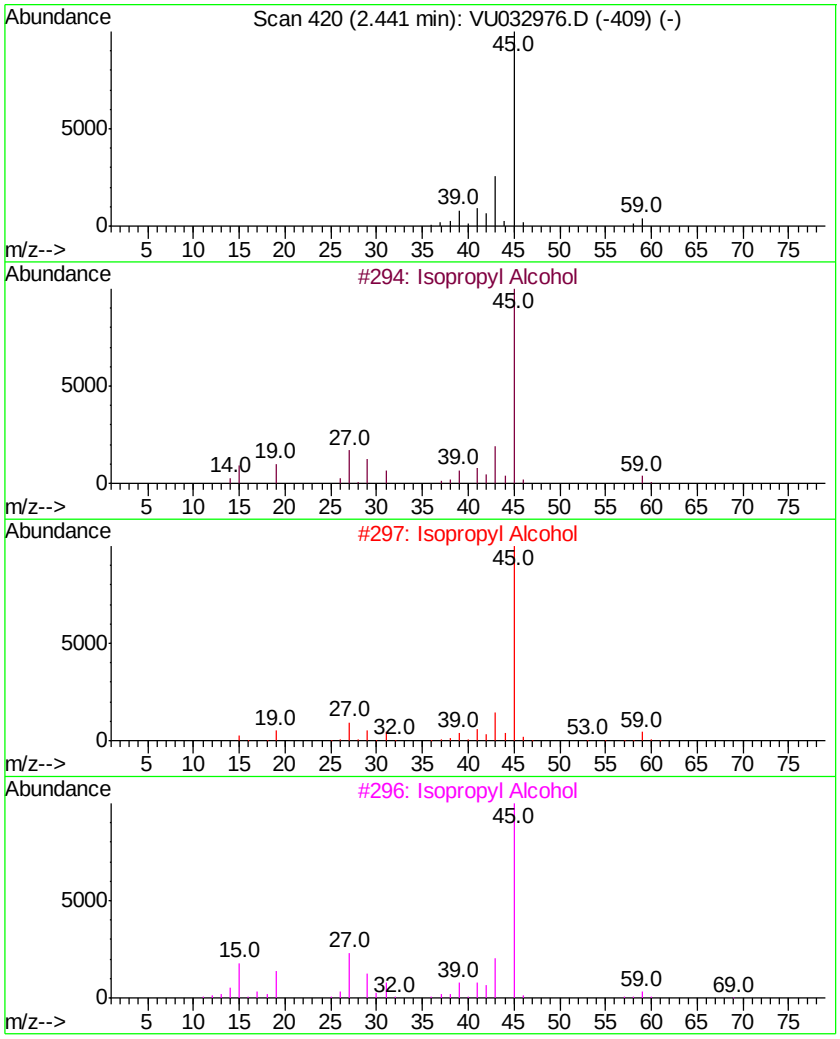
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

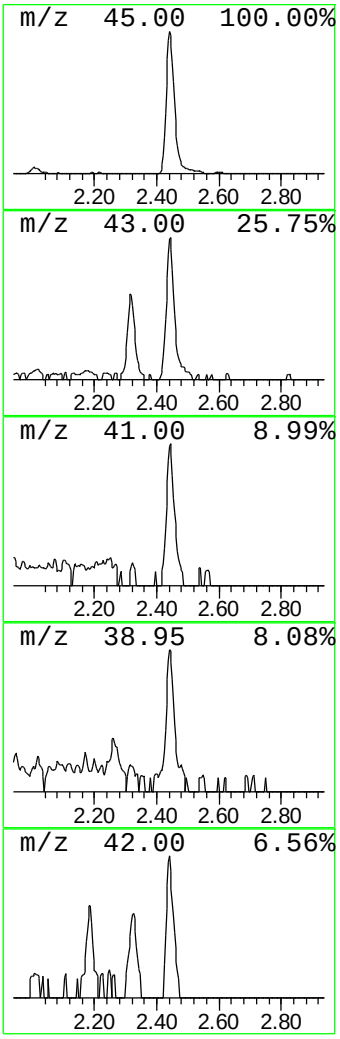
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.62 ug/L	34318	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Oxirane, (methoxymethyl)-	88	C4H8O2	000930-37-0	4
5	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	4





Tentatively Identified Compound (LSC) summary

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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	3.6	ug/L	34318	1	5.88	473722	50.0