LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
Data File : VU034597.D
Acq On : 17 Sep 2019 04:41
Operator : JC/SP
Sample : K4894-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MP9

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\SOMULM091619WMA.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	23	27	33	rBV3	4750	4698	0.53%	0.056%
2	1.396	89	95	102	rBV	90445	101483	11.41%	1.212%
3	1.672	175	181	195	rVB	77441	98092	11.03%	1.171%
4	2.261	355	364	380	rVB2	182518	303053	34.09%	3.619%
5	2.428	407	416	437	rVB	23185	44797	5.04%	0.535%
6	2.817	526	537	550	rBV4	4516	9976	1.12%	0.119%
7	2.894	559	561	566	rVB3	911	766	0.09%	0.009%
8	2.923	566	570	574	rBV5	910	835	0.09%	0.010%
9	2.974	583	586	589	rVB5	1438	913	0.10%	0.011%
10	3.357	700	705	708	rBV4	769	795	0.09%	0.009%
11	3.408	716	721	723	rBV4	1245	1133	0.13%	0.014%
12	3.486	740	745	751	rVB5	575	653	0.07%	0.008%
13	3.672	796	803	806	rBV3	941	1048	0.12%	0.013%
14	4.154	933	953	978	rBV2	90442	326539	36.73%	3.899%
15	4.386	1021	1025	1029	rBV3	843	1132	0.13%	0.014%
16	4.421	1033	1036	1039	rVB4	1019	561	0.06%	0.007%
17	4.514	1060	1065	1066	rBV4	738	599	0.07%	0.007%
18	4.624	1079	1099	1125	rBV	147793	356821	40.13%	4.261%
19	4.897	1167	1184	1197	rVB6	6742	17209	1.94%	0.205%
20	4.958	1200	1203	1206	rBV4	1051	619	0.07%	0.007%
21	4.981	1206	1210	1219	rVB8	1009	1697	0.19%	0.020%
22	5.318	1289	1315	1350	rBV2	278080	852714	95.91%	10.182%
23	5.505	1370	1373	1378	rVB4	834	560	0.06%	0.007%
24	5.566	1390	1392	1396	rVB4	916	506	0.06%	0.006%
25	5.733	1442	1444	1447	rVB3	974	529	0.06%	0.006%
26	5.752	1447	1450	1455	rVB3	717	489	0.05%	0.006%
27	5.781	1455	1459	1461	rBV3	892	671	0.08%	0.008%
28	5.865	1471	1485	1503	rBV	313062	621888	69.95%	7.426%
29	6.164	1565	1578	1601	rBV	463115	889099	100.00%	10.616%
30	6.309	1611	1623	1642	rVB	208398	418353	47.05%	4.995%
31	7.000	1832	1838	1839	rBV2	910	622	0.07%	0.007%
32	7.016	1839	1843	1848	rVB5	750	832	0.09%	0.010%
33	7.148	1880	1884	1886	rBV3	626	549	0.06%	0.007%
34	7.206	1892	1902	1923	rBV	113173	210061	23.63%	2.508%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
Data File : VU034597.D
Acq On : 17 Sep 2019 04:41
Operator : JC/SP
Sample : K4894-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MP9

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\SOMULM091619WMA.M
Title : VOC Analysis

35	7.366	1950	1952	1958	rBV7	843	904	0.10%	0.011%
36	7.543	1995	2007	2028	rBV	384353	682818	76.80%	8.153%
37	7.755	2064	2073	2086	rVB8	2651	5244	0.59%	0.063%
38	7.829	2086	2096	2116	rBV	76671	141799	15.95%	1.693%
39	8.048	2159	2164	2169	rBV6	1166	1529	0.17%	0.018%
40	8.119	2180	2186	2188	rBV4	635	532	0.06%	0.006%
41	8.157	2193	2198	2200	rBV5	1009	1069	0.12%	0.013%
42	8.206	2210	2213	2218	rBV6	1017	1019	0.11%	0.012%
43	8.292	2229	2240	2271	rBV	281523	546075	61.42%	6.520%
44	8.556	2313	2322	2333	rBV4	9485	18973	2.13%	0.227%
45	8.681	2358	2361	2365	rVB4	722	556	0.06%	0.007%
46	8.755	2382	2384	2387	rVB3	893	501	0.06%	0.006%
47	8.781	2387	2392	2394	rBV4	713	698	0.08%	0.008%
48	8.833	2405	2408	2412	rVB4	766	529	0.06%	0.006%
49	8.855	2412	2415	2421	rVB4	768	727	0.08%	0.009%
50	8.900	2425	2429	2432	rBV5	970	698	0.08%	0.008%
51	8.923	2432	2436	2439	rBV3	602	618	0.07%	0.007%
52	9.067	2469	2481	2504	rBV	457859	792782	89.17%	9.466%
53	9.170	2504	2513	2536	rVB3	22805	55780	6.27%	0.666%
54	9.283	2542	2548	2550	rBV5	6042	6705	0.75%	0.080%
55	9.534	2624	2626	2630	rVB3	1009	764	0.09%	0.009%
56	9.559	2630	2634	2635	rBV2	777	565	0.06%	0.007%
57	9.649	2658	2662	2668	rVB7	705	824	0.09%	0.010%
58	9.685	2668	2673	2676	rBV5	614	519	0.06%	0.006%
59	9.759	2693	2696	2697	rBV2	835	482	0.05%	0.006%
60	9.865	2725	2729	2731	rBV4	1065	853	0.10%	0.010%
61	9.926	2744	2748	2751	rBV2	675	673	0.08%	0.008%
62	10.045	2780	2785	2793	rVB7	1263	1740	0.20%	0.021%
63	10.106	2800	2804	2807	rBV3	1019	737	0.08%	0.009%
64	10.157	2816	2820	2824	rVB3	740	664	0.07%	0.008%
65	10.279	2849	2858	2859	rBV4	706	904	0.10%	0.011%
66	10.341	2873	2877	2878	rBV2	739	549	0.06%	0.007%
67	10.408	2886	2898	2917	rBV	308534	501849	56.44%	5.992%
68	10.585	2948	2953	2955	rBV5	806	774	0.09%	0.009%
69	10.614	2960	2962	2966	rVV3	753	596	0.07%	0.007%
70	10.669	2975	2979	2984	rBV5	517	453	0.05%	0.005%
71	10.736	2996	3000	3003	rBV4	742	637	0.07%	0.008%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
Data File : VU034597.D
Acq On : 17 Sep 2019 04:41
Operator : JC/SP
Sample : K4894-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MP9

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\SOMULM091619WMA.M
Title : VOC Analysis

72	10.839	3026	3032	3034	rBV4	683	649	0.07%	0.008%
73	11.035	3089	3093	3096	rBV2	484	469	0.05%	0.006%
74	11.321	3177	3182	3184	rBV2	660	599	0.07%	0.007%
75	11.460	3213	3225	3244	rBV	408660	680805	76.57%	8.129%
76	11.566	3256	3258	3261	rBV2	882	493	0.06%	0.006%
77	11.643	3278	3282	3287	rBV7	1260	1299	0.15%	0.016%
78	11.688	3294	3296	3300	rBV3	808	453	0.05%	0.005%
79	11.778	3320	3324	3328	rBV5	632	578	0.07%	0.007%
80	11.836	3330	3342	3363	rBV	382982	632064	71.09%	7.547%
81	12.144	3436	3438	3443	rVB4	985	654	0.07%	0.008%
82	12.575	3568	3572	3575	rVV4	969	740	0.08%	0.009%
83	12.598	3577	3579	3584	rBV3	743	716	0.08%	0.009%
84	12.646	3590	3594	3597	rVV3	614	474	0.05%	0.006%
85	12.662	3597	3599	3604	rVB3	709	477	0.05%	0.006%
86	12.701	3607	3611	3612	rBV	832	501	0.06%	0.006%
87	13.061	3719	3723	3731	rVB4	988	1165	0.13%	0.014%
88	13.141	3743	3748	3750	rBV3	597	493	0.06%	0.006%
89	13.199	3764	3766	3770	rBV2	748	606	0.07%	0.007%
90	13.360	3813	3816	3819	rBV3	783	609	0.07%	0.007%
91	13.485	3850	3855	3858	rBV3	870	717	0.08%	0.009%
92	13.688	3915	3918	3925	rVB4	723	774	0.09%	0.009%
93	13.784	3945	3948	3953	rBV5	598	535	0.06%	0.006%
94	14.064	4031	4035	4036	rBV3	847	547	0.06%	0.007%
95	14.389	4132	4136	4143	rBV6	743	951	0.11%	0.011%
96	14.691	4228	4230	4234	rVB5	871	513	0.06%	0.006%
97	14.932	4303	4305	4308	rVB3	871	494	0.06%	0.006%
98	14.948	4308	4310	4314	rBV2	1088	953	0.11%	0.011%
99	15.350	4432	4435	4438	rBV3	893	604	0.07%	0.007%
100	15.938	4616	4618	4624	rBV7	1218	1427	0.16%	0.017%

Sum of corrected areas: 8374790

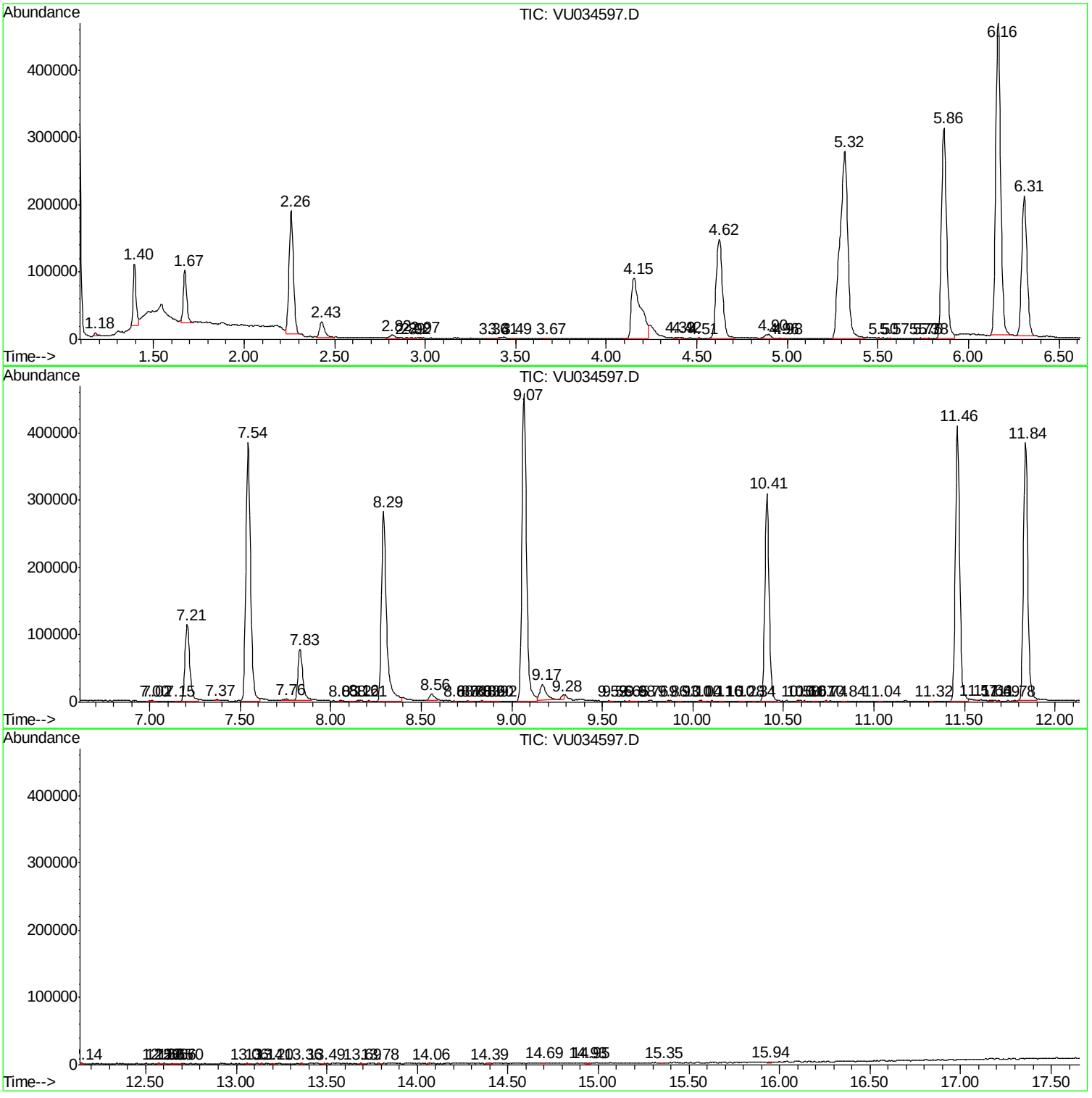
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
Data File : VU034597.D
Acq On : 17 Sep 2019 04:41
Operator : JC/SP
Sample : K4894-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MP9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
Data File : VU034597.D
Acq On : 17 Sep 2019 04:41
Operator : JC/SP
Sample : K4894-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MP9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis

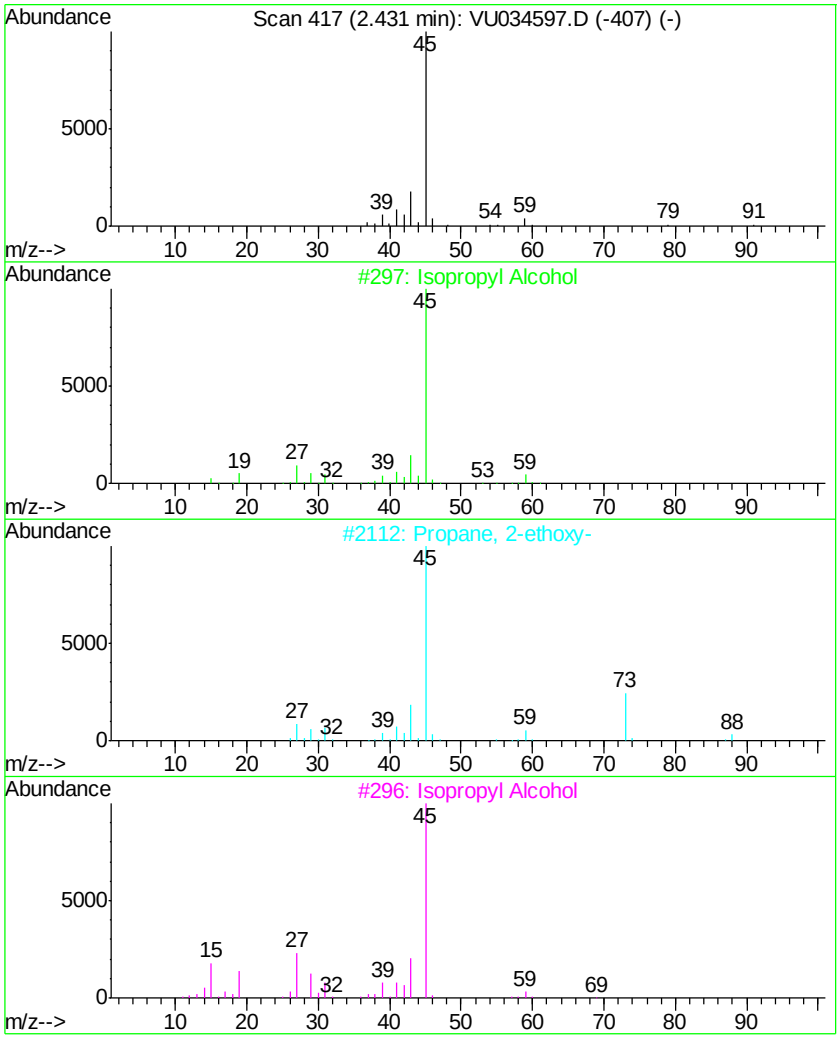
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

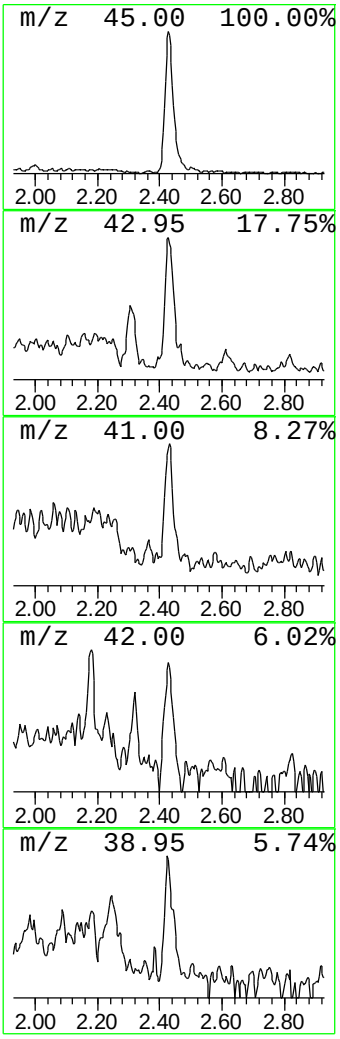
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	3.60 ug/L	44797	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
Data File : VU034597.D
Acq On : 17 Sep 2019 04:41
Operator : JC/SP
Sample : K4894-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MP9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis

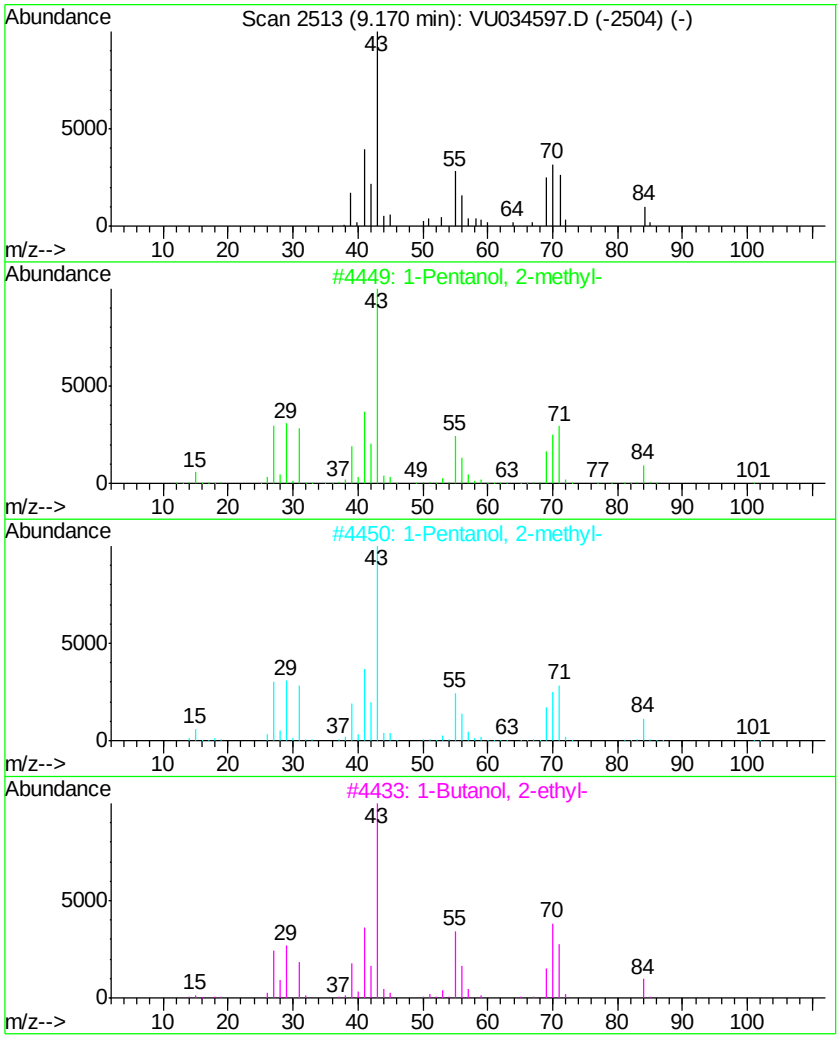
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

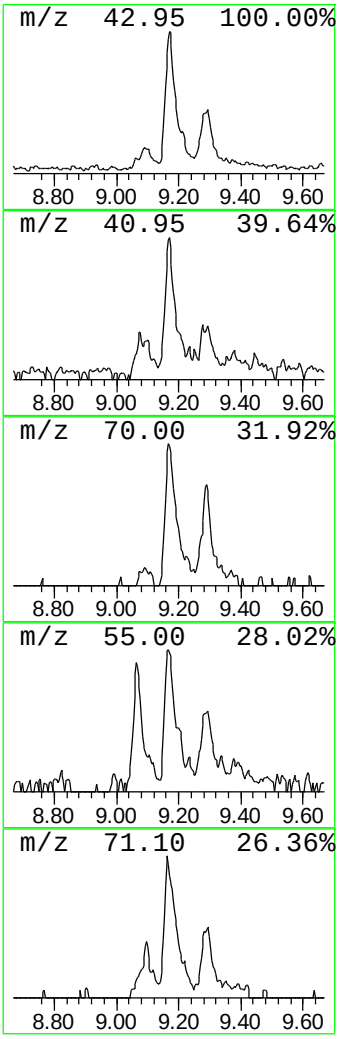
****

Peak Number 3 1-Pentanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.52 ug/L	55780	Chlorobenzene-d5	9.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	83
2	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	83
3	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	78
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	72
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091619\
Data File : VU034597.D
Acq On : 17 Sep 2019 04:41
Operator : JC/SP
Sample : K4894-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MP9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.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	2.43	3.6	ug/L	44797	1	5.86	621888	50.0
1-Pentanol, 2-met...	9.17	3.5	ug/L	55780	2	9.07	792782	50.0