LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031919\
Data File : VU030195.D
Acq On : 19 Mar 2019 15:37
Operator : JC/SP
Sample : K1918-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0991

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\SOMULM031919WMA.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	25	29	34	rVB2	9707	8325	0.43%	0.054%
2	1.399	89	96	109	rBV	301218	302466	15.50%	1.958%
3	1.682	175	184	197	rBV	211591	268334	13.75%	1.737%
4	2.193	331	343	349	rBV6	5735	10151	0.52%	0.066%
5	2.270	356	367	378	rBV	471669	719839	36.89%	4.660%
6	2.444	410	421	440	rBV	31646	63633	3.26%	0.412%
7	2.604	468	471	473	rBV	1313	832	0.04%	0.005%
8	2.739	509	513	517	rVB	1659	1607	0.08%	0.010%
9	2.772	517	523	525	rBV	1322	1415	0.07%	0.009%
10	2.842	536	545	555	rVB4	3187	6600	0.34%	0.043%
11	2.916	564	568	571	rBV	1622	1453	0.07%	0.009%
12	3.051	607	610	615	rBV	939	848	0.04%	0.005%
13	3.100	619	625	628	rBV	706	793	0.04%	0.005%
14	3.132	628	635	638	rBV	1147	1519	0.08%	0.010%
15	3.218	657	662	666	rVB	1297	1308	0.07%	0.008%
16	3.241	666	669	673	rBV	1404	1562	0.08%	0.010%
17	3.286	679	683	685	rBV	1166	814	0.04%	0.005%
18	3.376	705	711	714	rBV2	1702	1850	0.09%	0.012%
19	3.447	730	733	735	rBV2	1148	858	0.04%	0.006%
20	3.498	744	749	751	rBV	1435	1391	0.07%	0.009%
21	3.630	787	790	795	rBV	992	777	0.04%	0.005%
22	3.765	828	832	836	rBV2	1428	1338	0.07%	0.009%
23	3.797	836	842	844	rBV2	882	774	0.04%	0.005%
24	3.855	855	860	865	rVB	1209	1109	0.06%	0.007%
25	3.926	878	882	886	rBV	953	1086	0.06%	0.007%
26	3.987	897	901	904	rBV	1105	845	0.04%	0.005%
27	4.177	947	960	996	rBV	169436	457639	23.46%	2.962%
28	4.382	1014	1024	1045	rBV2	40323	97169	4.98%	0.629%
29	4.646	1089	1106	1135	rBV	315330	755856	38.74%	4.893%
30	4.868	1169	1175	1176	rBV	1741	1407	0.07%	0.009%
31	4.968	1202	1206	1210	rBV	1564	1587	0.08%	0.010%
32	5.048	1227	1231	1235	rBV	1019	1053	0.05%	0.007%
33	5.112	1247	1251	1253	rBV	1155	990	0.05%	0.006%
34	5.122	1253	1254	1259	rVV	1276	1054	0.05%	0.007%

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0991

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\SOMULM031919WMA.M
Title : VOC Analysis

35	5.170	1267	1269	1274	rVB	1015	897	0.05%	0.006%
36	5.199	1274	1278	1283	rBV	1492	1606	0.08%	0.010%
37	5.234	1284	1289	1294	rVB	1000	1192	0.06%	0.008%
38	5.337	1294	1321	1358	rBV2	659819	1951098	100.00%	12.630%
39	5.553	1384	1388	1391	rBV4	938	761	0.04%	0.005%
40	5.595	1398	1401	1405	rBV2	1421	1077	0.06%	0.007%
41	5.675	1424	1426	1432	rVV2	1396	1043	0.05%	0.007%
42	5.704	1432	1435	1439	rVB	1170	981	0.05%	0.006%
43	5.752	1447	1450	1454	rBV	1408	1280	0.07%	0.008%
44	5.820	1465	1471	1476	rBV	1567	2264	0.12%	0.015%
45	5.884	1476	1491	1524	rBV	575514	1159448	59.43%	7.506%
46	6.186	1578	1585	1590	rBV2	1434	1849	0.09%	0.012%
47	6.241	1599	1602	1606	rBV	1180	911	0.05%	0.006%
48	6.328	1615	1629	1650	rBV	411483	839229	43.01%	5.433%
49	6.710	1744	1748	1754	rBV	901	1034	0.05%	0.007%
50	6.849	1787	1791	1795	rVB	1504	1102	0.06%	0.007%
51	6.926	1810	1815	1822	rVB	1254	1539	0.08%	0.010%
52	6.974	1823	1830	1836	rBV2	1011	1793	0.09%	0.012%
53	7.167	1884	1890	1893	rVV	1163	1168	0.06%	0.008%
54	7.225	1897	1908	1937	rVV	236093	438659	22.48%	2.840%
55	7.453	1976	1979	1981	rBV	1669	1230	0.06%	0.008%
56	7.562	1999	2013	2050	rBV	923397	1640907	84.10%	10.622%
57	7.849	2091	2102	2122	rBV	161498	288664	14.79%	1.869%
58	7.990	2142	2146	2150	rBV2	1098	1175	0.06%	0.008%
59	8.038	2159	2161	2168	rVB	1313	1103	0.06%	0.007%
60	8.173	2194	2203	2214	rVV3	14920	28304	1.45%	0.183%
61	8.225	2214	2219	2226	rVV6	2278	3097	0.16%	0.020%
62	8.308	2234	2245	2284	rBV	582201	1051646	53.90%	6.808%
63	8.987	2453	2456	2458	rBV	971	793	0.04%	0.005%
64	9.029	2463	2469	2472	rBV2	1104	1128	0.06%	0.007%
65	9.086	2473	2487	2510	rBV	852548	1426368	73.11%	9.233%
66	9.247	2534	2537	2541	rBV2	1321	1174	0.06%	0.008%
67	9.369	2571	2575	2576	rBV	1962	1289	0.07%	0.008%
68	9.427	2590	2593	2595	rBV	1570	1011	0.05%	0.007%
69	9.495	2608	2614	2616	rBV2	1360	1373	0.07%	0.009%
70	9.556	2628	2633	2637	rVB	1244	1275	0.07%	0.008%
71	9.585	2637	2642	2645	rBV	1141	950	0.05%	0.006%

LSC Area Percent Report

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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : C0991

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\SOMULM031919WMA.M
Title : VOC Analysis

72	9.630	2653	2656	2658	rBV	1376	869	0.04%	0.006%
73	9.720	2681	2684	2692	rVB2	1223	1514	0.08%	0.010%
74	9.755	2692	2695	2698	rBV	1011	925	0.05%	0.006%
75	9.852	2722	2725	2730	rVB2	924	832	0.04%	0.005%
76	9.900	2733	2740	2746	rBV2	1858	3007	0.15%	0.019%
77	9.951	2752	2756	2758	rBV	1108	943	0.05%	0.006%
78	10.038	2780	2783	2786	rBV	1267	900	0.05%	0.006%
79	10.231	2838	2843	2851	rBV	1331	1719	0.09%	0.011%
80	10.266	2851	2854	2856	rBV	1211	797	0.04%	0.005%
81	10.311	2864	2868	2872	rBV2	1008	1095	0.06%	0.007%
82	10.427	2891	2904	2924	rBV	621963	1008821	51.71%	6.531%
83	10.604	2948	2959	2969	rBV2	12960	22080	1.13%	0.143%
84	10.781	3010	3014	3019	rBV	1639	1883	0.10%	0.012%
85	11.421	3204	3213	3214	rBV4	3000	4143	0.21%	0.027%
86	11.482	3220	3232	3258	rBV	841347	1358397	69.62%	8.793%
87	11.652	3282	3285	3287	rBV	1355	916	0.05%	0.006%
88	11.774	3306	3323	3332	rBV7	5155	13918	0.71%	0.090%
89	11.858	3336	3349	3375	rVV	864560	1427167	73.15%	9.239%
90	12.273	3474	3478	3481	rVB	1369	1134	0.06%	0.007%
91	12.739	3619	3623	3626	rBV2	1654	1575	0.08%	0.010%
92	12.890	3663	3670	3676	rBV5	3102	5137	0.26%	0.033%
93	12.964	3690	3693	3700	rBV2	1089	1365	0.07%	0.009%
94	13.093	3725	3733	3738	rBV	1634	2401	0.12%	0.016%
95	13.298	3794	3797	3800	rBV2	969	947	0.05%	0.006%
96	13.739	3931	3934	3936	rBV	1301	905	0.05%	0.006%
97	13.980	4007	4009	4012	rBV3	1137	842	0.04%	0.005%
98	13.999	4012	4015	4022	rVV	2493	2963	0.15%	0.019%
99	14.433	4147	4150	4156	rBV2	1073	908	0.05%	0.006%
100	14.466	4157	4160	4164	rBV3	1432	953	0.05%	0.006%

Sum of corrected areas: 15447756

LSC Report - Integrated Chromatogram

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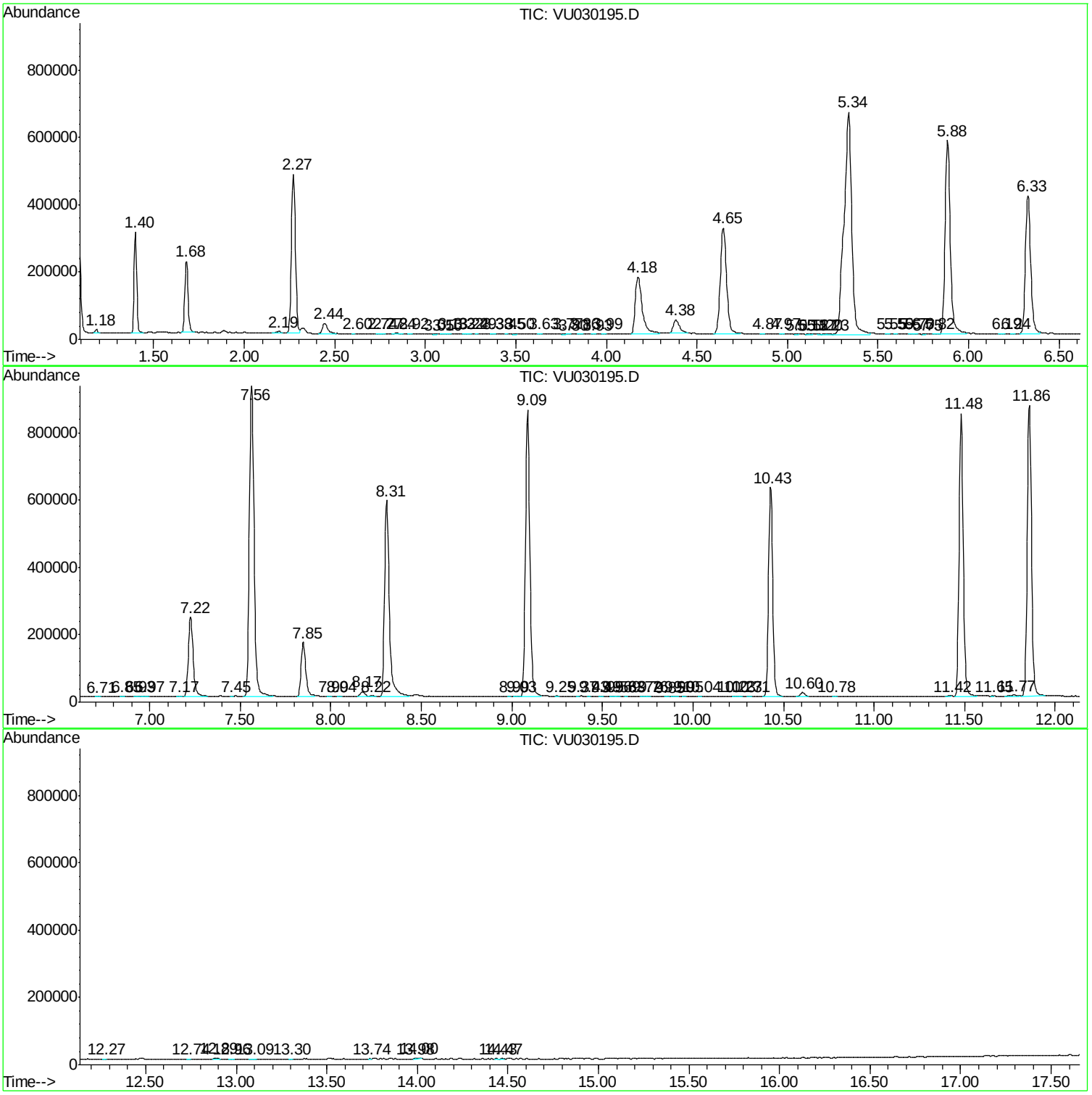
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0991

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.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\VU031919\
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Instrument : MSVOA_U
ClientSampleId : C0991

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

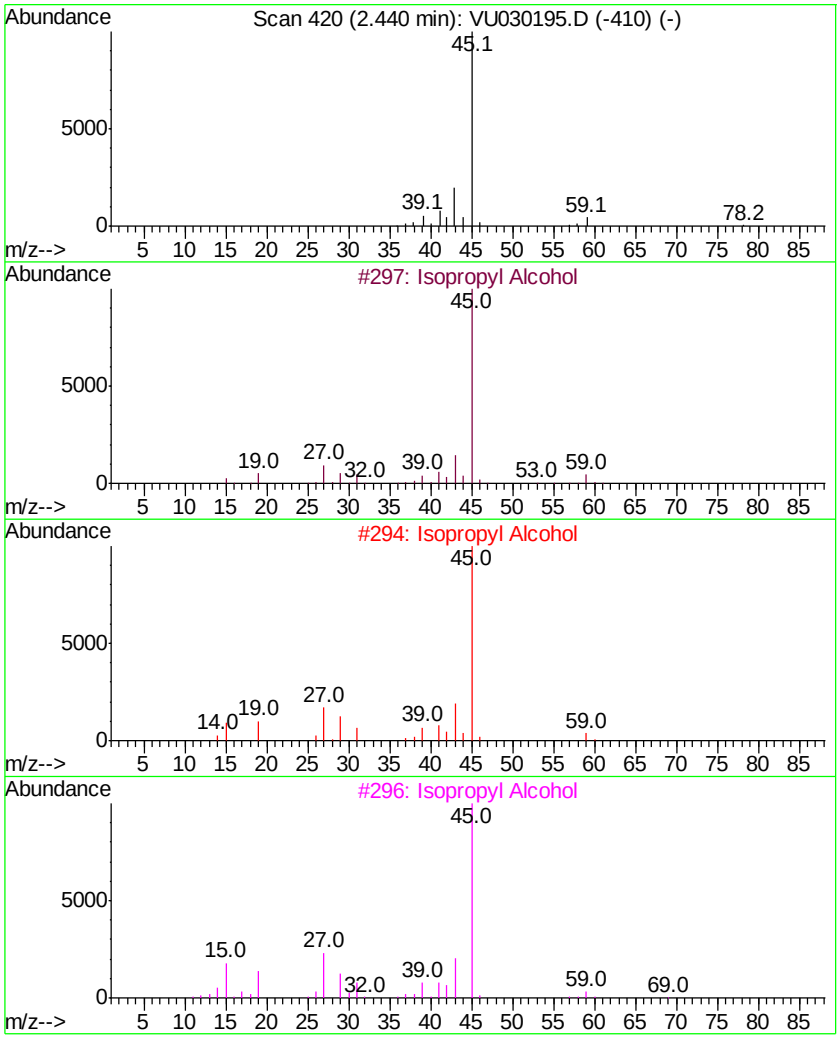
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

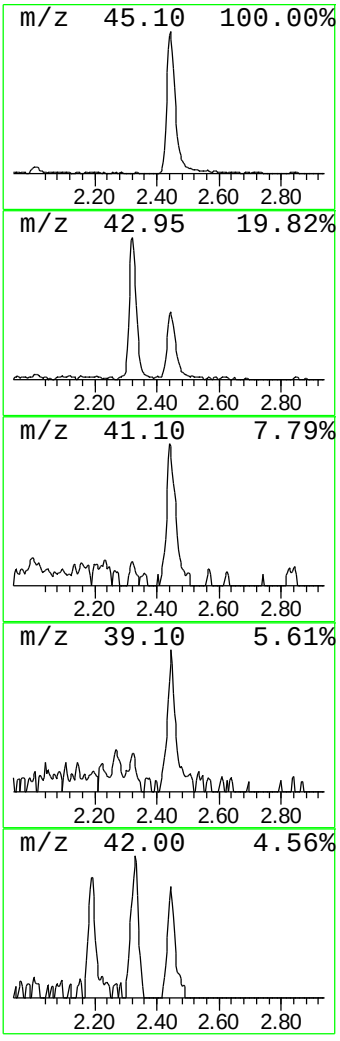
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	2.74 ug/L	63633	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Formamide	45	CH3NO	000075-12-7	4





Library Search Compound Report

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Instrument : MSVOA_U
ClientSampleId : C0991

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

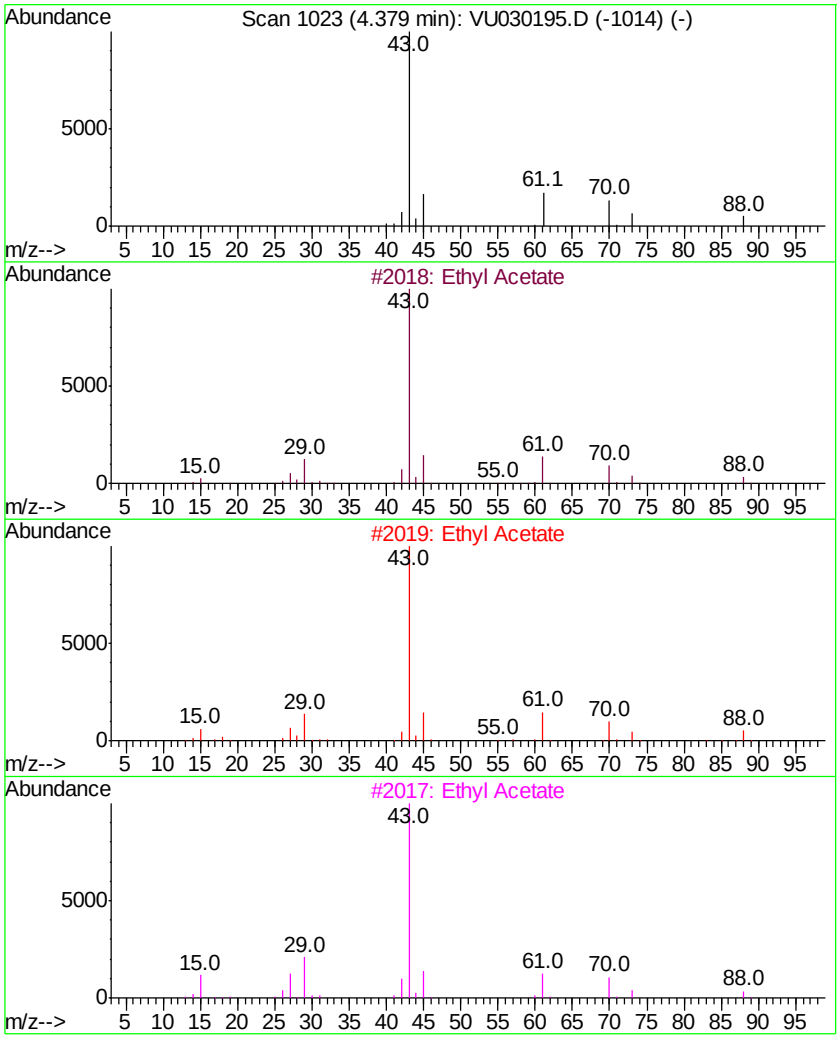
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

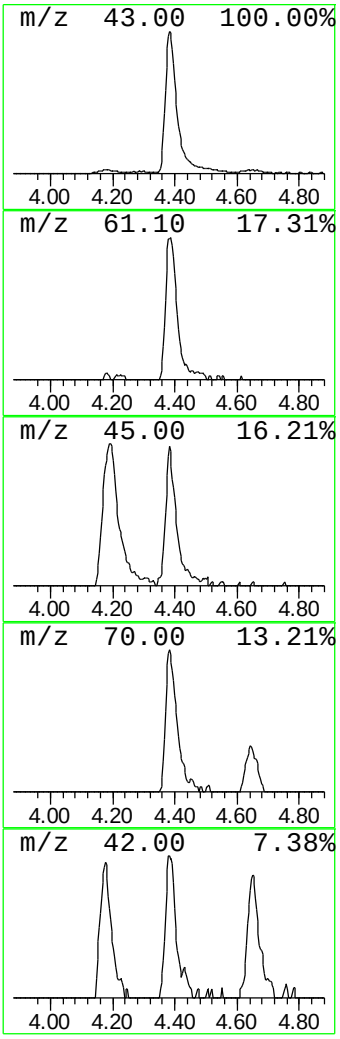
****

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	4.19 ug/L	97169	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	42





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
Isopropyl Alcohol	2.44	2.7	ug/L	63633	1	5.88	1159450	50.0
Ethyl Acetate	4.38	4.2	ug/L	97169	1	5.88	1159450	50.0