LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091818\
Data File : VU026884.D
Acq On : 18 Sep 2018 23:46
Operator : MD/SY
Sample : J4896-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M8

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\SOMULM091718WMA.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	1.302	35	40	45	rBV2	4026	4540	0.57%	0.069%
2	1.395	62	69	78	rBV	112095	130598	16.39%	1.995%
3	1.678	150	157	172	rVB	81256	105555	13.25%	1.612%
4	2.273	331	342	353	rBV	156860	234433	29.43%	3.580%
5	2.443	384	395	412	rBV	31008	54940	6.90%	0.839%
6	2.562	427	432	437	rBV2	652	766	0.10%	0.012%
7	2.611	443	447	448	rBV3	534	409	0.05%	0.006%
8	3.183	618	625	634	rBV5	1266	2389	0.30%	0.036%
9	3.299	659	661	662	rBV2	390	158	0.02%	0.002%
10	3.504	719	725	730	rBV	282	289	0.04%	0.004%
11	3.578	745	748	754	rVB	137	125	0.02%	0.002%
12	3.691	780	783	790	rBV2	324	488	0.06%	0.007%
13	3.897	845	847	850	rBV2	202	143	0.02%	0.002%
14	3.916	850	853	857	rBV2	178	149	0.02%	0.002%
15	3.955	862	865	870	rBV2	229	219	0.03%	0.003%
16	4.019	884	885	893	rVB2	214	190	0.02%	0.003%
17	4.106	909	912	913	rBV	204	119	0.01%	0.002%
18	4.180	920	935	962	rBV	75370	196729	24.69%	3.005%
19	4.382	985	998	1024	rVB2	41353	98489	12.36%	1.504%
20	4.527	1041	1043	1048	rVB	213	120	0.02%	0.002%
21	4.556	1050	1052	1056	rVB	232	123	0.02%	0.002%
22	4.591	1061	1063	1064	rBV	228	125	0.02%	0.002%
23	4.649	1064	1081	1107	rVV	137482	320202	40.19%	4.890%
24	4.881	1149	1153	1155	rBV2	461	407	0.05%	0.006%
25	5.029	1194	1199	1204	rVB2	244	213	0.03%	0.003%
26	5.144	1232	1235	1240	rVB	313	211	0.03%	0.003%
27	5.237	1261	1264	1270	rVB	232	193	0.02%	0.003%
28	5.344	1273	1297	1310	rBV2	259233	796683	100.00%	12.168%
29	5.643	1388	1390	1394	rVB2	250	174	0.02%	0.003%
30	5.794	1432	1437	1438	rBV2	361	307	0.04%	0.005%
31	5.890	1450	1467	1492	rBV	265513	523913	65.76%	8.002%
32	6.057	1517	1519	1526	rVB2	304	201	0.03%	0.003%
33	6.215	1562	1568	1571	rBV	145	136	0.02%	0.002%
34	6.231	1571	1573	1577	rVV2	204	141	0.02%	0.002%

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ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M8

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\SOMULM091718WMA.M
Title : VOC Analysis

35	6.266	1581	1584	1591	rVV	120	122	0.02%	0.002%
36	6.334	1591	1605	1630	rVB	185694	372618	46.77%	5.691%
37	6.427	1630	1634	1636	rBV	389	168	0.02%	0.003%
38	6.459	1639	1644	1647	rBV3	237	239	0.03%	0.004%
39	6.771	1736	1741	1749	rBV	161	230	0.03%	0.004%
40	6.823	1753	1757	1759	rBV	205	168	0.02%	0.003%
41	6.861	1764	1769	1775	rVV4	663	853	0.11%	0.013%
42	6.967	1797	1802	1805	rBV	137	134	0.02%	0.002%
43	6.987	1805	1808	1812	rVB2	241	201	0.03%	0.003%
44	7.067	1828	1833	1837	rBV	171	189	0.02%	0.003%
45	7.170	1861	1865	1868	rVV2	182	118	0.01%	0.002%
46	7.231	1872	1884	1906	rBV	86520	153850	19.31%	2.350%
47	7.337	1915	1917	1922	rVB2	256	160	0.02%	0.002%
48	7.392	1926	1934	1947	rVB4	2746	4908	0.62%	0.075%
49	7.514	1968	1972	1975	rBV2	165	135	0.02%	0.002%
50	7.569	1975	1989	2008	rBV	320155	550687	69.12%	8.411%
51	7.852	2065	2077	2098	rBV	63195	105797	13.28%	1.616%
52	7.974	2111	2115	2118	rVB	399	303	0.04%	0.005%
53	7.996	2118	2122	2126	rBV	276	226	0.03%	0.003%
54	8.022	2126	2130	2134	rBV2	191	168	0.02%	0.003%
55	8.180	2169	2179	2189	rBV4	2812	5664	0.71%	0.087%
56	8.315	2209	2221	2254	rBV	235156	409984	51.46%	6.262%
57	8.437	2257	2259	2264	rVV3	852	710	0.09%	0.011%
58	8.459	2264	2266	2268	rVV3	463	284	0.04%	0.004%
59	8.479	2268	2272	2281	rVV5	796	1022	0.13%	0.016%
60	8.517	2282	2284	2288	rVV2	314	208	0.03%	0.003%
61	8.540	2288	2291	2295	rVB2	274	217	0.03%	0.003%
62	8.575	2300	2302	2307	rVV	259	165	0.02%	0.003%
63	8.967	2420	2424	2426	rBV	303	220	0.03%	0.003%
64	9.093	2449	2463	2487	rBV2	392519	784662	98.49%	11.984%
65	9.250	2509	2512	2516	rBV2	250	141	0.02%	0.002%
66	9.295	2522	2526	2528	rBV	257	174	0.02%	0.003%
67	9.385	2549	2554	2555	rBV	295	186	0.02%	0.003%
68	9.421	2560	2565	2568	rBV	118	131	0.02%	0.002%
69	9.720	2656	2658	2663	rVB	217	135	0.02%	0.002%
70	10.433	2867	2880	2895	rBV	273518	429343	53.89%	6.557%
71	10.614	2925	2936	2948	rVB3	2586	4671	0.59%	0.071%

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ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M8

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\SOMULM091718WMA.M
Title : VOC Analysis

72	10.858	3009	3012	3017	rBV	230	208	0.03%	0.003%
73	11.054	3071	3073	3076	rBV2	225	157	0.02%	0.002%
74	11.421	3179	3187	3196	rBV	5697	8386	1.05%	0.128%
75	11.485	3196	3207	3228	rVV	337237	568531	71.36%	8.683%
76	11.565	3229	3232	3236	rVV2	267	199	0.02%	0.003%
77	11.613	3245	3247	3253	rVB2	252	237	0.03%	0.004%
78	11.646	3254	3257	3260	rBV	318	242	0.03%	0.004%
79	11.749	3281	3289	3296	rBV3	5047	7257	0.91%	0.111%
80	11.861	3312	3324	3345	rBV	348446	596286	74.85%	9.107%
81	12.009	3367	3370	3375	rVB3	457	307	0.04%	0.005%
82	12.115	3399	3403	3404	rBV2	300	205	0.03%	0.003%
83	12.446	3501	3506	3509	rBV2	246	215	0.03%	0.003%
84	12.482	3511	3517	3525	rVB2	712	961	0.12%	0.015%
85	12.636	3562	3565	3570	rVB	270	190	0.02%	0.003%
86	12.793	3612	3614	3616	rBV	226	140	0.02%	0.002%
87	12.871	3635	3638	3639	rBV	292	166	0.02%	0.003%
88	12.890	3639	3644	3646	rVV2	618	648	0.08%	0.010%
89	12.919	3650	3653	3656	rBV	171	144	0.02%	0.002%
90	13.321	3775	3778	3780	rBV3	248	171	0.02%	0.003%
91	13.446	3814	3817	3822	rVB2	335	219	0.03%	0.003%
92	13.507	3826	3836	3854	rBV2	27251	45168	5.67%	0.690%
93	13.748	3907	3911	3913	rBB2	243	179	0.02%	0.003%
94	13.993	3979	3987	4004	rBV2	6345	10763	1.35%	0.164%
95	14.170	4040	4042	4046	rBV2	258	215	0.03%	0.003%
96	14.195	4048	4050	4056	rVB2	367	330	0.04%	0.005%
97	14.282	4072	4077	4081	rBV2	316	356	0.04%	0.005%
98	15.665	4500	4507	4511	rBV4	1230	1804	0.23%	0.028%
99	15.925	4586	4588	4591	rBV	502	308	0.04%	0.005%
100	16.057	4626	4629	4632	rBV2	621	465	0.06%	0.007%

Sum of corrected areas: 6547525

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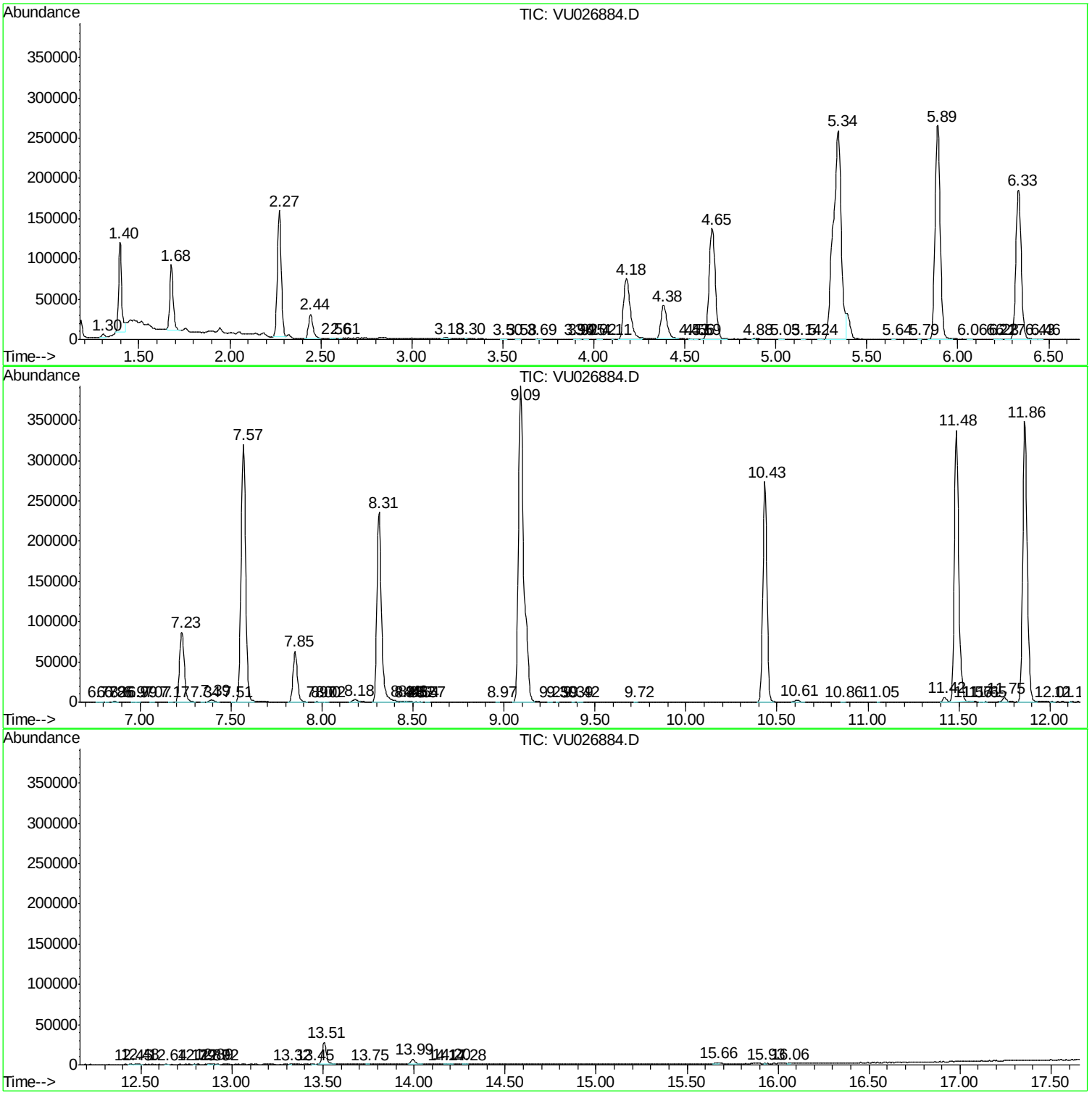
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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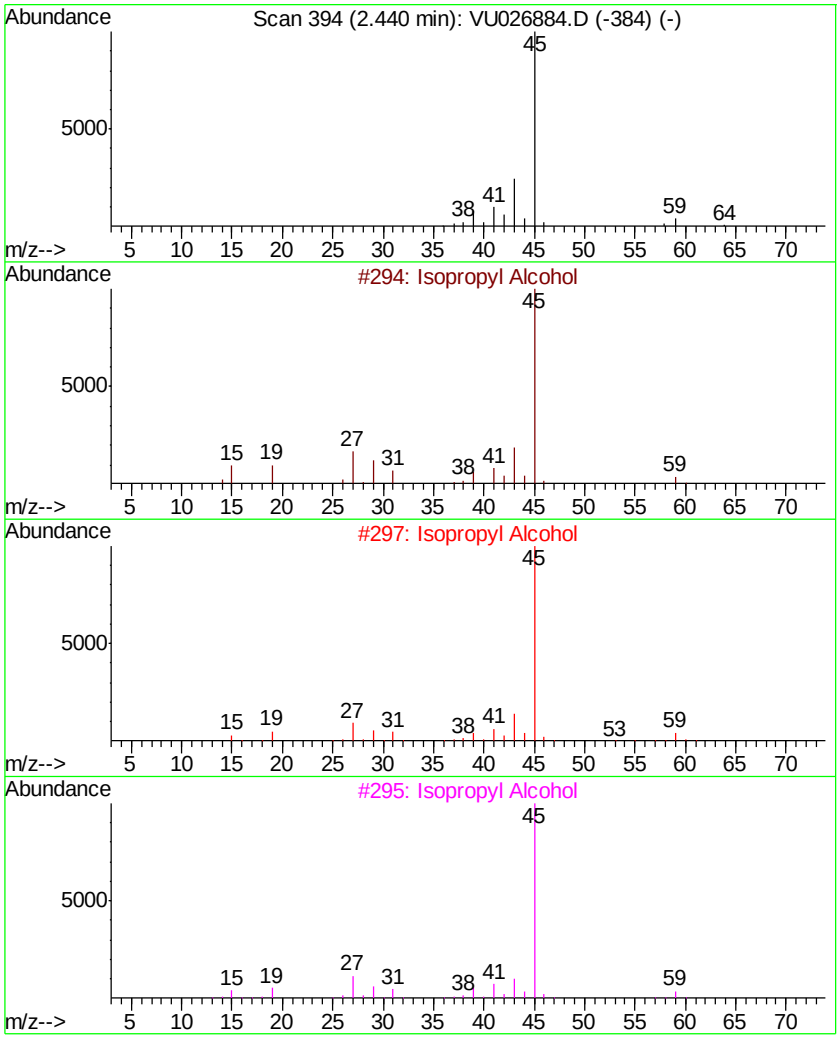
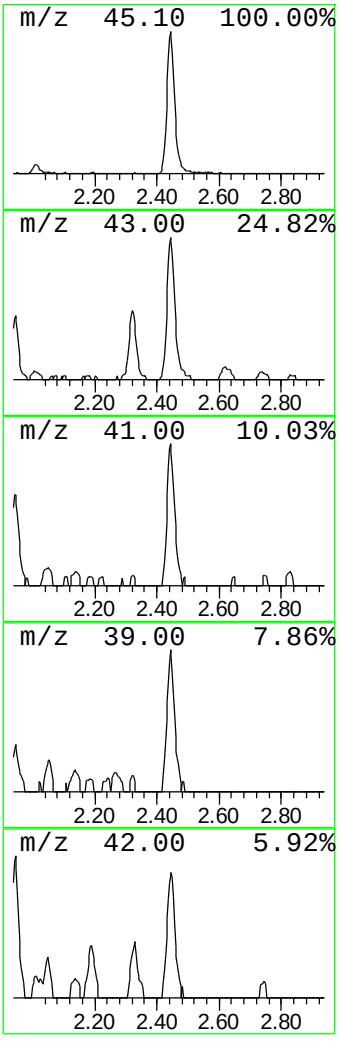
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	5.24 ug/L	54940	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	4-Penten-2-ol	86	C5H10O	000625-31-0	9





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis

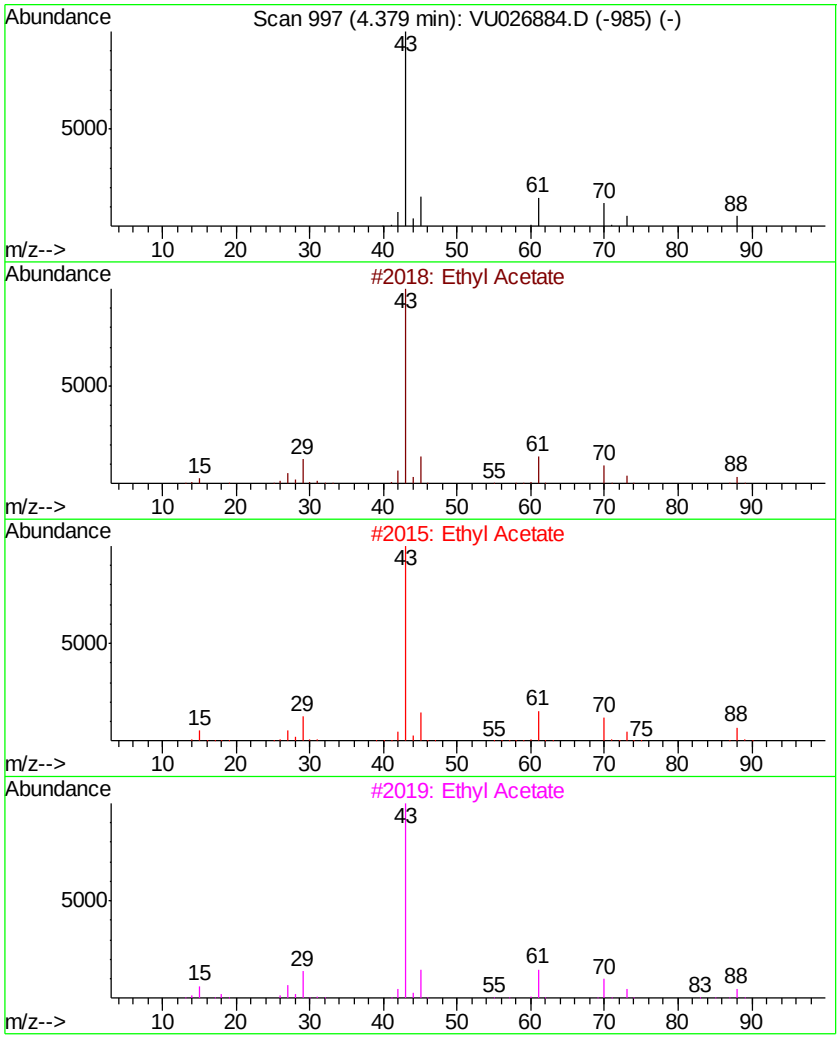
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

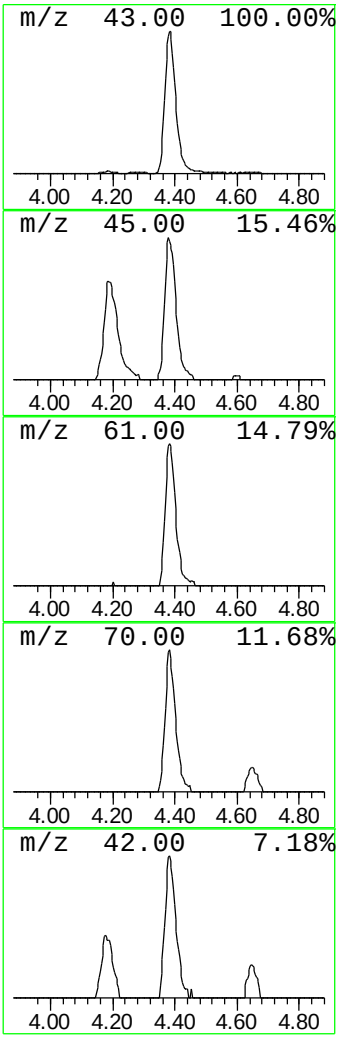
****

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	9.40 ug/L	98489	1,4-Difluorobenzene	5.89

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	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	64
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	42





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.44	5.2	ug/L	54940	1	5.89	523913	50.0
Ethyl Acetate	4.38	9.4	ug/L	98489	1	5.89	523913	50.0