LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091918\
Data File : VU026893.D
Acq On : 19 Sep 2018 12:07
Operator : MD/SY
Sample : J4896-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M5

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	1.395	61	69	82	rBV	85284	93414	1.23%	0.641%
2	1.678	150	157	177	rVB	76042	98348	1.29%	0.675%
3	2.273	331	342	352	rBV	148311	223977	2.94%	1.537%
4	2.440	383	394	410	rBV	26566	47250	0.62%	0.324%
5	2.527	419	421	422	rBV	369	198	0.00%	0.001%
6	2.611	443	447	448	rBV	366	233	0.00%	0.002%
7	2.697	470	474	481	rVB3	776	915	0.01%	0.006%
8	2.829	507	515	518	rBV4	791	1052	0.01%	0.007%
9	3.170	617	621	623	rBV	224	207	0.00%	0.001%
10	3.279	652	655	660	rVV2	281	318	0.00%	0.002%
11	3.527	727	732	734	rBV2	370	305	0.00%	0.002%
12	4.099	903	910	913	rBV	118	118	0.00%	0.001%
13	4.176	920	934	966	rBV	73317	192522	2.53%	1.321%
14	4.379	983	997	1027	rVB	52537	125770	1.65%	0.863%
15	4.649	1064	1081	1112	rBV	135790	314080	4.12%	2.155%
16	4.890	1148	1156	1158	rBV3	442	556	0.01%	0.004%
17	4.984	1181	1185	1190	rVB2	182	186	0.00%	0.001%
18	5.106	1219	1223	1228	rVB	134	125	0.00%	0.001%
19	5.340	1272	1296	1309	rBV2	249144	768693	10.09%	5.275%
20	5.887	1451	1466	1487	rBV	247660	481533	6.32%	3.305%
21	6.000	1499	1501	1506	rVB3	277	238	0.00%	0.002%
22	6.025	1506	1509	1513	rVB2	172	142	0.00%	0.001%
23	6.176	1553	1556	1558	rBV	217	122	0.00%	0.001%
24	6.234	1566	1574	1578	rBV	218	188	0.00%	0.001%
25	6.331	1590	1604	1627	rBV	185311	366803	4.82%	2.517%
26	6.463	1639	1645	1651	rVB2	408	387	0.01%	0.003%
27	6.768	1738	1740	1746	rVV	156	129	0.00%	0.001%
28	6.861	1761	1769	1774	rBV3	480	828	0.01%	0.006%
29	6.887	1775	1777	1782	rVB2	277	163	0.00%	0.001%
30	7.141	1850	1856	1862	rBB	112	124	0.00%	0.001%
31	7.228	1871	1883	1899	rBV	88424	155079	2.04%	1.064%
32	7.311	1907	1909	1914	rVB3	257	210	0.00%	0.001%
33	7.389	1924	1933	1943	rBV3	944	1352	0.02%	0.009%
34	7.569	1975	1989	2003	rBV	306486	527584	6.93%	3.621%

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M5

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

35	7.639	2004	2011	2035	rVB	13267	23959	0.31%	0.164%
36	7.723	2035	2037	2040	rBV	204	158	0.00%	0.001%
37	7.852	2066	2077	2097	rVV	63658	107925	1.42%	0.741%
38	7.922	2097	2099	2101	rVV	438	227	0.00%	0.002%
39	7.948	2105	2107	2111	rVB	189	152	0.00%	0.001%
40	7.974	2111	2115	2119	rVB2	481	415	0.01%	0.003%
41	8.183	2166	2180	2193	rBV2	2987	6209	0.08%	0.043%
42	8.231	2193	2195	2198	rBV	188	142	0.00%	0.001%
43	8.311	2209	2220	2255	rBV	231536	401231	5.27%	2.754%
44	8.450	2260	2263	2266	rBV	521	401	0.01%	0.003%
45	8.469	2266	2269	2273	rVB5	587	465	0.01%	0.003%
46	8.569	2298	2300	2305	rVB	312	170	0.00%	0.001%
47	8.598	2306	2309	2311	rBV	216	124	0.00%	0.001%
48	8.691	2334	2338	2343	rVB	211	161	0.00%	0.001%
49	8.851	2382	2388	2391	rVV	160	136	0.00%	0.001%
50	8.900	2400	2403	2406	rVV	241	173	0.00%	0.001%
51	8.929	2408	2412	2416	rVB	149	144	0.00%	0.001%
52	9.122	2450	2472	2514	rBV	4353878	7616728	100.00%	52.272%
53	9.443	2568	2572	2576	rVV	250	202	0.00%	0.001%
54	9.466	2576	2579	2581	rVV	251	139	0.00%	0.001%
55	9.620	2625	2627	2631	rVV	263	130	0.00%	0.001%
56	9.787	2675	2679	2682	rVB2	230	180	0.00%	0.001%
57	9.938	2722	2726	2727	rBV2	212	124	0.00%	0.001%
58	10.096	2771	2775	2779	rBV	127	122	0.00%	0.001%
59	10.337	2845	2850	2855	rBV	141	158	0.00%	0.001%
60	10.433	2867	2880	2898	rBV	272888	428426	5.62%	2.940%
61	10.610	2922	2935	2942	rBV2	3328	4976	0.07%	0.034%
62	10.662	2942	2951	2964	rVV	17887	27052	0.36%	0.186%
63	10.726	2964	2971	2980	rVV4	2031	3020	0.04%	0.021%
64	10.774	2980	2986	2998	rVV3	2044	3018	0.04%	0.021%
65	10.822	2999	3001	3006	rVB	178	116	0.00%	0.001%
66	10.948	3035	3040	3050	rVV2	499	856	0.01%	0.006%
67	11.237	3128	3130	3133	rBV2	150	119	0.00%	0.001%
68	11.366	3167	3170	3173	rBV	206	130	0.00%	0.001%
69	11.417	3173	3186	3197	rBV	597713	908799	11.93%	6.237%
70	11.488	3197	3208	3211	rBV	414448	631686	8.29%	4.335%
71	11.597	3240	3242	3244	rVB	253	119	0.00%	0.001%

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ClientSampleId : C08M5

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

72	11.610	3244	3246	3248	rBV	289	141	0.00%	0.001%
73	11.646	3254	3257	3260	rBV3	309	210	0.00%	0.001%
74	11.697	3271	3273	3277	rBV2	208	143	0.00%	0.001%
75	11.752	3286	3290	3295	rBV5	900	892	0.01%	0.006%
76	11.861	3311	3324	3344	rBV2	375090	662768	8.70%	4.548%
77	11.996	3362	3366	3369	rVB2	312	255	0.00%	0.002%
78	12.015	3369	3372	3379	rBV3	371	391	0.01%	0.003%
79	12.121	3402	3405	3407	rVB	326	213	0.00%	0.001%
80	12.195	3424	3428	3429	rBV	225	158	0.00%	0.001%
81	12.205	3429	3431	3433	rVB2	345	177	0.00%	0.001%
82	12.276	3449	3453	3456	rBV2	300	288	0.00%	0.002%
83	12.353	3471	3477	3482	rBV5	777	1041	0.01%	0.007%
84	12.478	3513	3516	3523	rBV4	455	562	0.01%	0.004%
85	12.575	3543	3546	3548	rBV2	208	151	0.00%	0.001%
86	12.649	3565	3569	3571	rVB	415	310	0.00%	0.002%
87	12.668	3571	3575	3579	rVB2	275	228	0.00%	0.002%
88	12.816	3613	3621	3622	rBV2	2610	2556	0.03%	0.018%
89	12.893	3636	3645	3652	rVB3	4363	6162	0.08%	0.042%
90	13.089	3704	3706	3709	rVB2	388	191	0.00%	0.001%
91	13.211	3742	3744	3748	rBV2	288	251	0.00%	0.002%
92	13.231	3748	3750	3755	rVV3	353	319	0.00%	0.002%
93	13.279	3764	3765	3769	rBV2	227	156	0.00%	0.001%
94	13.350	3785	3787	3790	rVV2	226	149	0.00%	0.001%
95	13.395	3798	3801	3802	rBV2	287	151	0.00%	0.001%
96	13.504	3823	3835	3852	rBV	168972	269155	3.53%	1.847%
97	13.710	3897	3899	3901	rBV2	261	127	0.00%	0.001%
98	13.742	3907	3909	3918	rVB3	522	519	0.01%	0.004%
99	13.990	3976	3986	4001	rBV2	31745	51391	0.67%	0.353%
100	15.989	4603	4608	4611	rBV4	795	946	0.01%	0.006%

Sum of corrected areas: 14571442

LSC Report - Integrated Chromatogram

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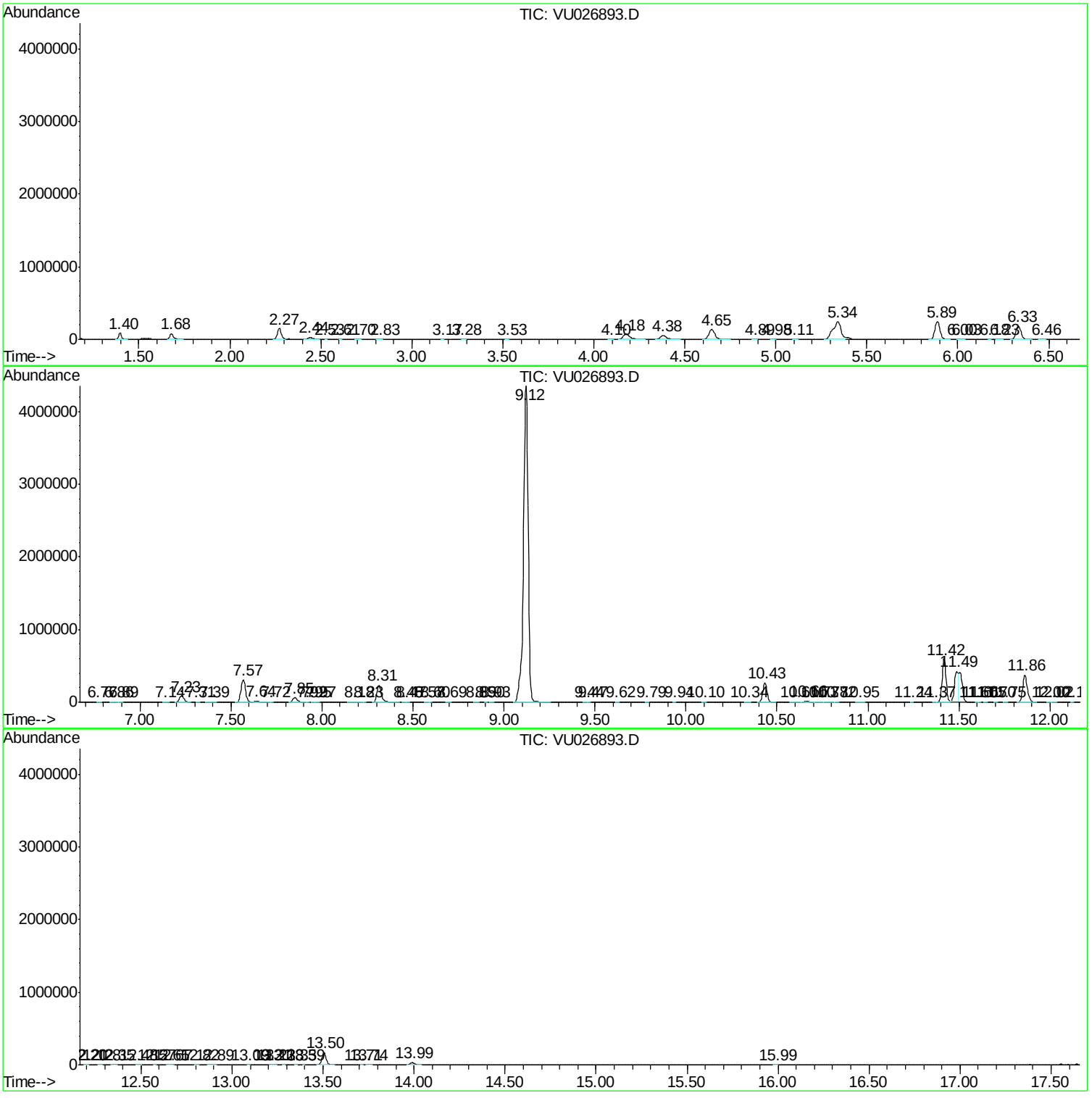
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M5

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091918\
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Quant Title : VOC Analysis

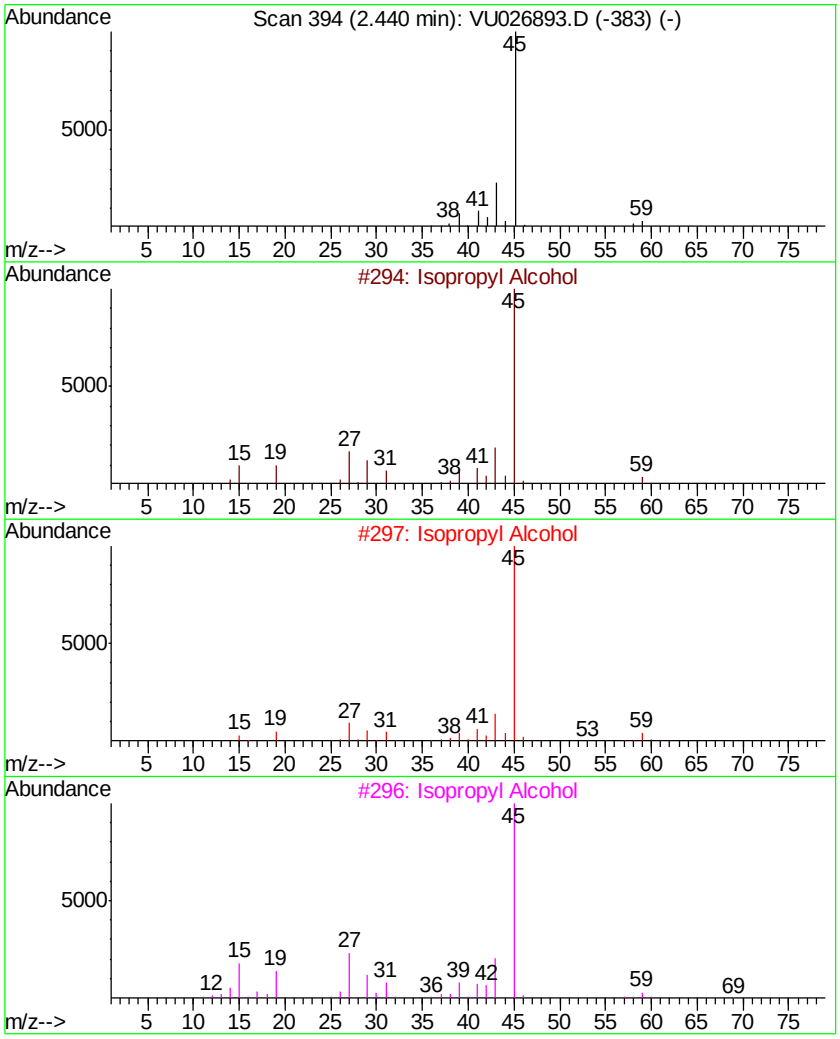
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

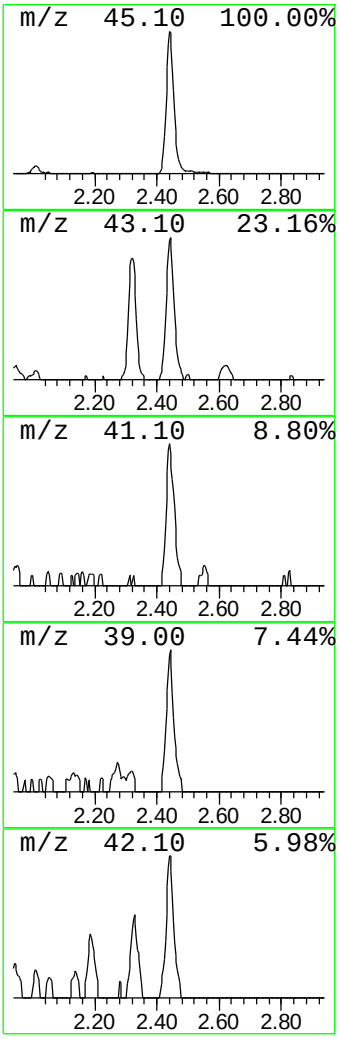
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.91 ug/L	47250	1,4-Difluorobenzene	5.89

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





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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08M5

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

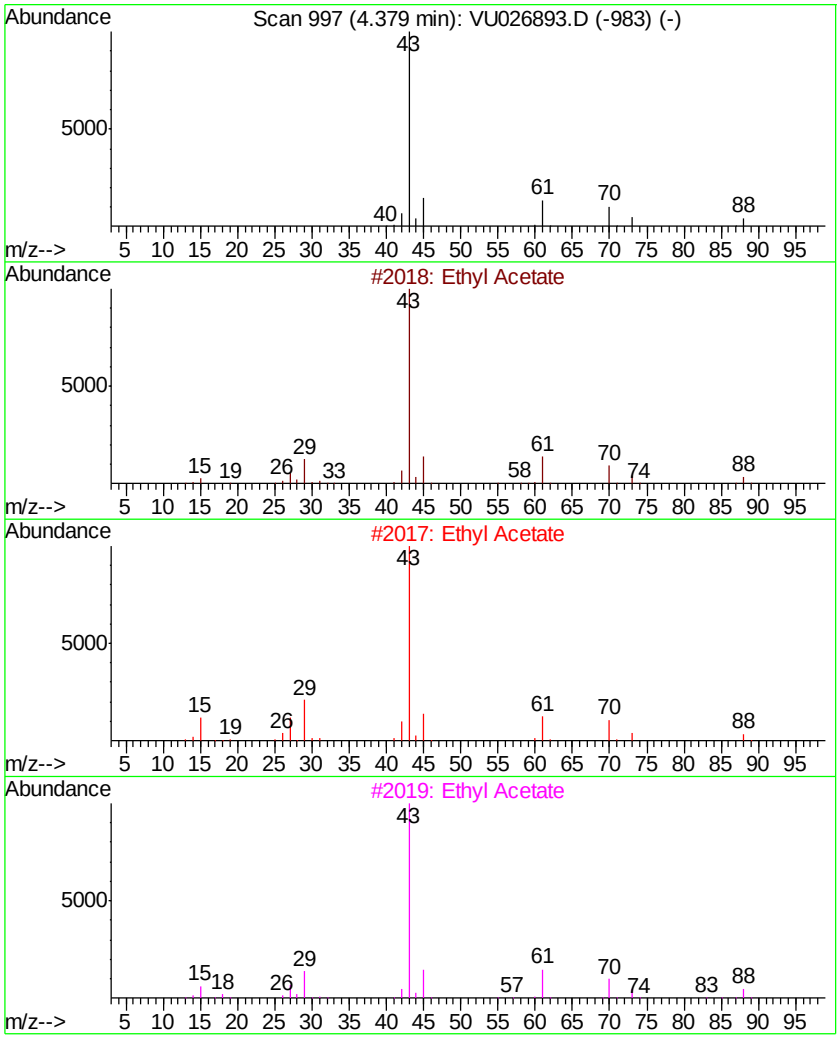
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

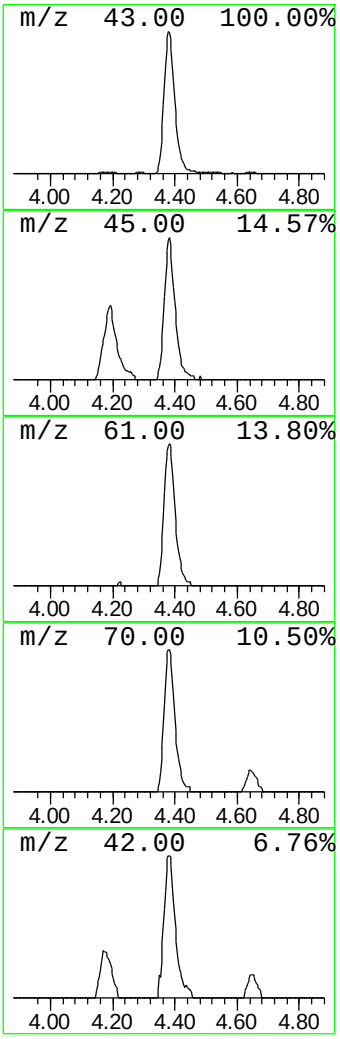
****

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	13.06 ug/L	125770	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	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40
5	Ethyl Acetate	88	C4H8O2	000141-78-6	9





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	4.9	ug/L	47250	1	5.89	481533	50.0
Ethyl Acetate	4.38	13.1	ug/L	125770	1	5.89	481533	50.0