LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\
Data File : VU033448.D
Acq On : 26 Jul 2019 13:15
Operator : JC/SP
Sample : K3976-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CC9

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\SOMULM071219WMA.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	32	rVB2	2419	2100	0.20%	0.023%
2	1.389	86	93	107	rVB	159849	166901	15.65%	1.821%
3	1.463	111	116	122	rVV	10171	10374	0.97%	0.113%
4	1.540	135	140	154	rVB	18091	21851	2.05%	0.238%
5	1.669	172	180	197	rBV	134427	171592	16.09%	1.872%
6	1.997	277	282	294	rVB3	10934	14841	1.39%	0.162%
7	2.257	352	363	373	rBV	243250	376270	35.29%	4.105%
8	2.305	373	378	396	rVB	25113	41232	3.87%	0.450%
9	2.428	407	416	438	rBV	28858	54310	5.09%	0.593%
10	2.743	508	514	515	rBV2	417	382	0.04%	0.004%
11	2.820	524	538	556	rBV2	27796	61095	5.73%	0.667%
12	2.958	578	581	584	rBV2	363	260	0.02%	0.003%
13	3.035	601	605	609	rBV2	278	241	0.02%	0.003%
14	3.154	636	642	645	rBV	369	399	0.04%	0.004%
15	3.235	664	667	671	rBV	256	218	0.02%	0.002%
16	3.415	720	723	728	rVB	314	232	0.02%	0.003%
17	3.440	728	731	734	rBV2	285	269	0.03%	0.003%
18	3.698	805	811	817	rVB3	279	322	0.03%	0.004%
19	3.801	840	843	849	rVB2	215	223	0.02%	0.002%
20	3.846	854	857	859	rBV2	278	234	0.02%	0.003%
21	3.961	888	893	897	rVB2	582	527	0.05%	0.006%
22	3.987	897	901	905	rBV2	316	309	0.03%	0.003%
23	4.074	919	928	934	rBV4	1426	2452	0.23%	0.027%
24	4.154	940	953	989	rBV2	113296	345278	32.39%	3.767%
25	4.354	1002	1015	1046	rBV	250279	591350	55.47%	6.452%
26	4.620	1082	1098	1119	rBV	181532	429026	40.24%	4.681%
27	4.964	1200	1205	1210	rBV3	251	264	0.02%	0.003%
28	5.022	1218	1223	1232	rVB3	386	525	0.05%	0.006%
29	5.061	1232	1235	1238	rBV	281	234	0.02%	0.003%
30	5.125	1249	1255	1259	rBV2	307	306	0.03%	0.003%
31	5.315	1288	1314	1347	rBV2	354295	1066159	100.00%	11.632%
32	5.771	1452	1456	1460	rBV3	412	328	0.03%	0.004%
33	5.865	1468	1485	1514	rBV	318861	641515	60.17%	6.999%
34	6.064	1544	1547	1550	rVB2	583	350	0.03%	0.004%

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0CC9

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\SOMULM071219WMA.M
Title : VOC Analysis

35	6.170	1571	1580	1591	rVB8	2980	5998	0.56%	0.065%
36	6.231	1594	1599	1602	rBV3	630	561	0.05%	0.006%
37	6.260	1606	1608	1609	rBV2	549	229	0.02%	0.002%
38	6.308	1609	1623	1648	rBV2	235598	477907	44.83%	5.214%
39	6.479	1674	1676	1680	rVB2	462	273	0.03%	0.003%
40	6.524	1684	1690	1695	rBV2	422	443	0.04%	0.005%
41	6.588	1706	1710	1714	rBV3	400	459	0.04%	0.005%
42	6.778	1763	1769	1772	rBV2	260	279	0.03%	0.003%
43	6.884	1797	1802	1808	rBV2	329	357	0.03%	0.004%
44	7.093	1863	1867	1871	rVV2	273	253	0.02%	0.003%
45	7.209	1890	1903	1923	rBV	126368	228060	21.39%	2.488%
46	7.376	1951	1955	1959	rBV3	675	625	0.06%	0.007%
47	7.495	1989	1992	1995	rBV	299	220	0.02%	0.002%
48	7.546	1995	2008	2051	rBV	443582	818458	76.77%	8.929%
49	7.833	2086	2097	2118	rBV	88395	156059	14.64%	1.703%
50	7.980	2141	2143	2146	rBV3	491	386	0.04%	0.004%
51	8.167	2183	2201	2211	rBV4	2667	6061	0.57%	0.066%
52	8.241	2221	2224	2229	rBV3	283	261	0.02%	0.003%
53	8.296	2229	2241	2268	rBV	281164	526901	49.42%	5.748%
54	8.614	2338	2340	2344	rBV	246	219	0.02%	0.002%
55	8.765	2384	2387	2393	rBV3	245	223	0.02%	0.002%
56	8.816	2398	2403	2405	rVB	356	252	0.02%	0.003%
57	9.074	2470	2483	2528	rVV	474755	844436	79.20%	9.213%
58	9.263	2538	2542	2546	rVB3	276	304	0.03%	0.003%
59	9.289	2546	2550	2554	rBV3	254	224	0.02%	0.002%
60	9.315	2554	2558	2562	rVB3	455	461	0.04%	0.005%
61	9.344	2562	2567	2571	rBV2	287	259	0.02%	0.003%
62	9.379	2575	2578	2581	rVB2	332	223	0.02%	0.002%
63	9.431	2591	2594	2599	rVB2	347	343	0.03%	0.004%
64	9.488	2610	2612	2616	rVB	336	261	0.02%	0.003%
65	9.537	2620	2627	2633	rBV	288	412	0.04%	0.004%
66	9.861	2725	2728	2731	rBV2	337	270	0.03%	0.003%
67	9.881	2732	2734	2738	rVB3	329	240	0.02%	0.003%
68	10.096	2796	2801	2802	rBV	314	217	0.02%	0.002%
69	10.144	2812	2816	2819	rBV2	328	236	0.02%	0.003%
70	10.231	2835	2843	2846	rVB3	702	848	0.08%	0.009%
71	10.414	2888	2900	2922	rVV	358790	576297	54.05%	6.287%

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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\SOMULM071219WMA.M
Title : VOC Analysis

72	10.504	2926	2928	2933	rVB	293	265	0.02%	0.003%
73	10.601	2948	2958	2963	rBV4	2747	4274	0.40%	0.047%
74	10.733	2996	2999	3004	rBV2	225	236	0.02%	0.003%
75	10.877	3039	3044	3048	rBV3	358	363	0.03%	0.004%
76	10.900	3048	3051	3055	rBV	243	221	0.02%	0.002%
77	10.926	3055	3059	3063	rVB2	411	342	0.03%	0.004%
78	10.948	3063	3066	3068	rBV	296	218	0.02%	0.002%
79	11.019	3083	3088	3090	rVB2	313	250	0.02%	0.003%
80	11.231	3147	3154	3157	rBV2	271	361	0.03%	0.004%
81	11.289	3167	3172	3176	rBV2	293	304	0.03%	0.003%
82	11.328	3180	3184	3188	rBV2	395	437	0.04%	0.005%
83	11.405	3204	3208	3214	rVB3	863	915	0.09%	0.010%
84	11.469	3214	3228	3251	rBV	456346	735901	69.02%	8.029%
85	11.684	3291	3295	3296	rBV2	358	238	0.02%	0.003%
86	11.781	3318	3325	3328	rBV4	542	639	0.06%	0.007%
87	11.845	3333	3345	3371	rBV	467781	763344	71.60%	8.328%
88	12.225	3460	3463	3467	rBV3	289	230	0.02%	0.003%
89	12.279	3478	3480	3484	rVV2	311	226	0.02%	0.002%
90	12.469	3530	3539	3544	rBV4	703	955	0.09%	0.010%
91	12.926	3675	3681	3684	rBV3	288	370	0.03%	0.004%
92	12.961	3688	3692	3696	rBV2	392	454	0.04%	0.005%
93	13.051	3717	3720	3723	rBV	322	240	0.02%	0.003%
94	13.273	3786	3789	3796	rBV3	528	710	0.07%	0.008%
95	13.546	3871	3874	3877	rBV	385	295	0.03%	0.003%
96	13.909	3984	3987	3990	rBV2	376	259	0.02%	0.003%
97	14.208	4073	4080	4085	rBV3	529	856	0.08%	0.009%
98	14.948	4307	4310	4313	rBV2	492	420	0.04%	0.005%
99	14.996	4322	4325	4328	rBV2	667	546	0.05%	0.006%
100	15.196	4385	4387	4391	rBV2	589	537	0.05%	0.006%

Sum of corrected areas: 9165890

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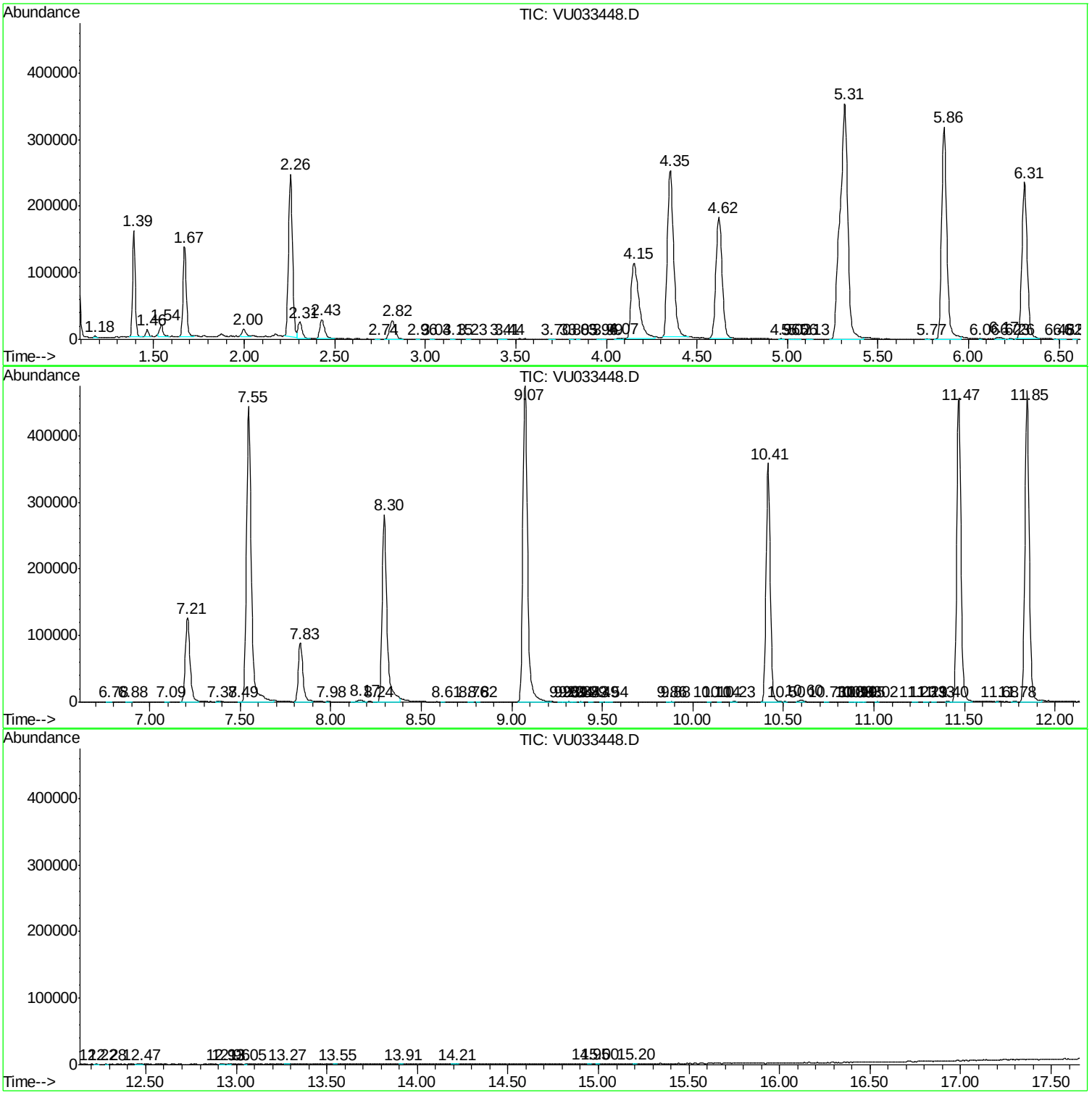
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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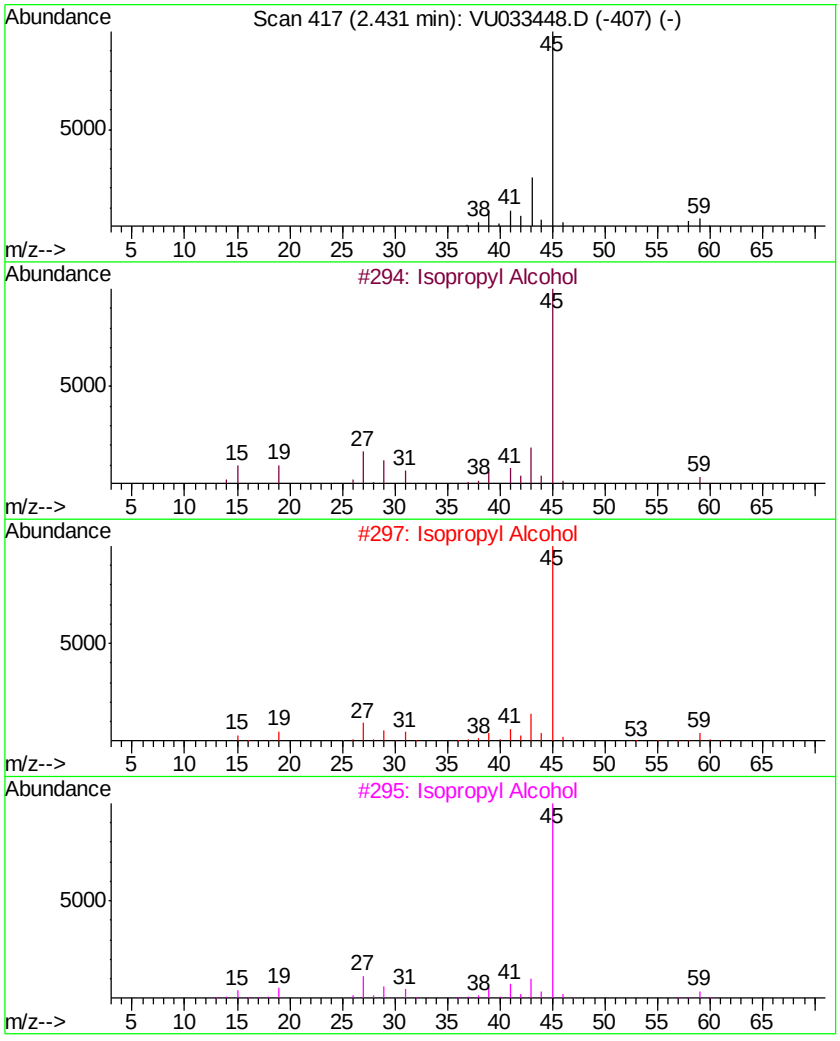
TIC Integration Parameters: LSCINT.P

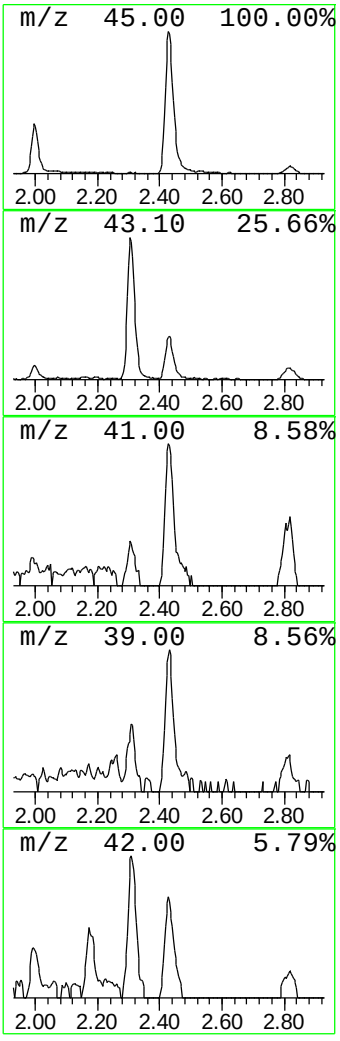
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	4.23 ug/L	54310	1,4-Difluorobenzene	5.86

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	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Ethylamine	45	C2H7N	000075-04-7	5
5	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	4





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Instrument : MSVOA_U
ClientSampleId : C0CC9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

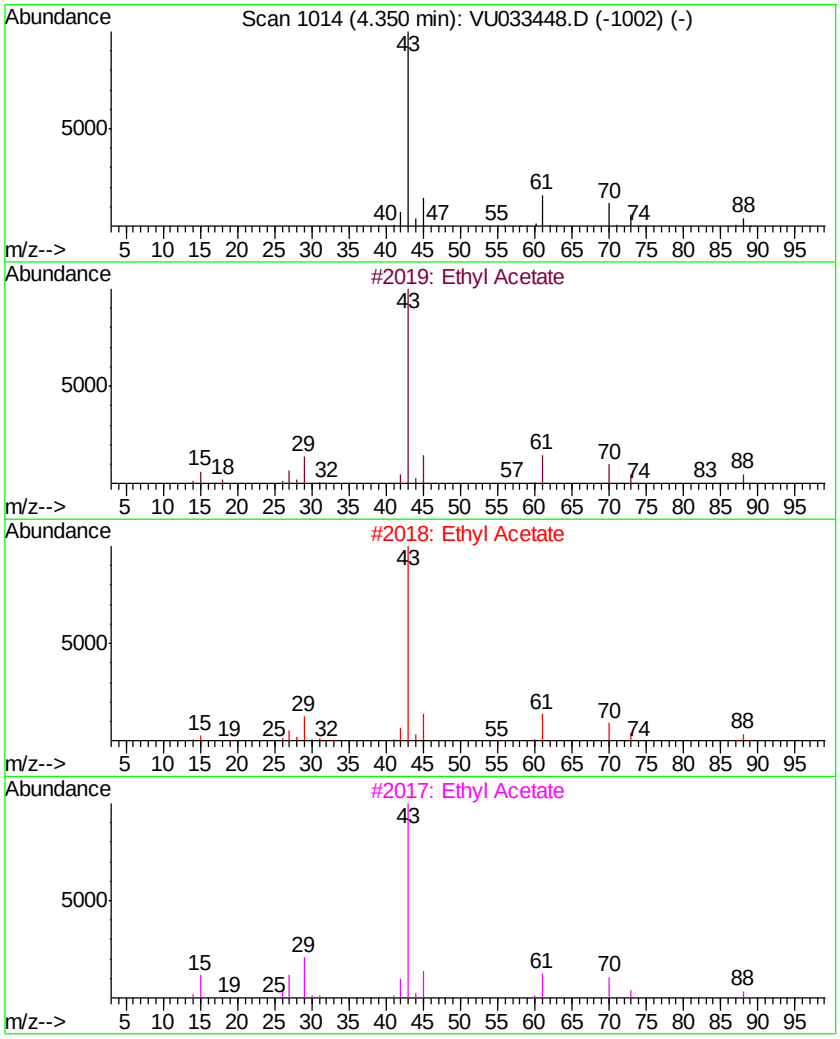
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

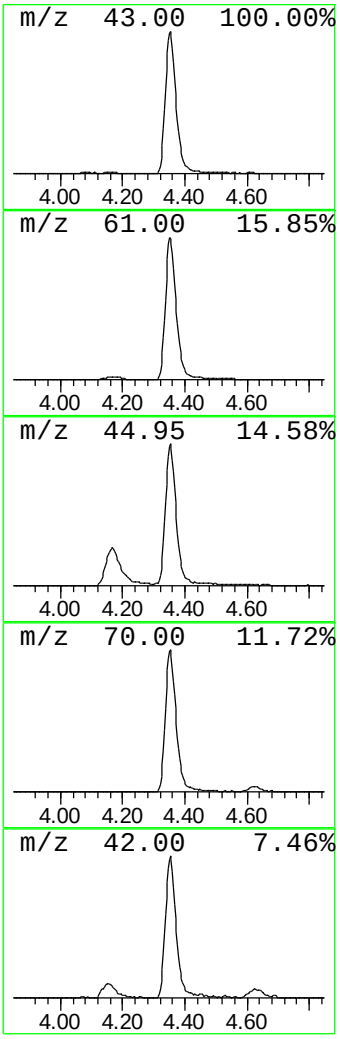
****

Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	46.09 ug/L	591350	1,4-Difluorobenzene	5.86

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	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33





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	2.43	4.2	ug/L	54310	1	5.86	641515	50.0
Ethyl Acetate	4.35	46.1	ug/L	591350	1	5.86	641515	50.0