LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
Data File : VU030108.D
Acq On : 15 Mar 2019 14:03
Operator : JC/SP
Sample : K1917-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0963

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\SOMULM031319WMA.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	24	29	34	rBV	13030	11775	0.69%	0.085%
2	1.399	89	96	108	rBV	204215	201677	11.90%	1.457%
3	1.682	175	184	200	rBV	156836	200499	11.83%	1.449%
4	2.270	356	367	380	rBV	338019	522364	30.82%	3.774%
5	2.444	412	421	442	rVV	58032	109635	6.47%	0.792%
6	2.614	471	474	481	rVB	1484	1080	0.06%	0.008%
7	2.646	481	484	487	rBV	1712	1118	0.07%	0.008%
8	2.698	497	500	505	rBV4	1438	1502	0.09%	0.011%
9	2.968	580	584	588	rBV	1263	1232	0.07%	0.009%
10	3.003	588	595	597	rBV3	1287	1737	0.10%	0.013%
11	3.103	623	626	630	rBV	964	800	0.05%	0.006%
12	3.624	785	788	792	rBV	1035	919	0.05%	0.007%
13	3.726	817	820	827	rVB	1159	1011	0.06%	0.007%
14	3.768	827	833	834	rBV	1018	1076	0.06%	0.008%
15	3.961	890	893	895	rBV2	1176	858	0.05%	0.006%
16	4.071	925	927	931	rVB	1543	1034	0.06%	0.007%
17	4.128	941	945	947	rBV	1221	899	0.05%	0.006%
18	4.173	947	959	986	rBV	156176	416370	24.57%	3.008%
19	4.386	1015	1025	1041	rBV	31732	72330	4.27%	0.523%
20	4.646	1089	1106	1126	rBV	268823	637208	37.60%	4.604%
21	5.337	1297	1321	1360	rBV2	545189	1694702	100.00%	12.245%
22	5.508	1371	1374	1381	rVB2	1961	1910	0.11%	0.014%
23	5.543	1381	1385	1388	rBV2	980	827	0.05%	0.006%
24	5.697	1430	1433	1436	rVB	1513	915	0.05%	0.007%
25	5.720	1436	1440	1444	rBV2	954	1131	0.07%	0.008%
26	5.794	1459	1463	1466	rBV3	1549	1259	0.07%	0.009%
27	5.884	1478	1491	1524	rBV	569440	1146740	67.67%	8.286%
28	6.128	1562	1567	1570	rVV	1068	847	0.05%	0.006%
29	6.183	1578	1584	1591	rBV4	2426	3220	0.19%	0.023%
30	6.328	1615	1629	1657	rVV	354744	724190	42.73%	5.233%
31	6.511	1683	1686	1693	rVB	988	1100	0.06%	0.008%
32	6.620	1717	1720	1727	rVB	1349	1570	0.09%	0.011%
33	6.665	1727	1734	1737	rBV2	1041	1309	0.08%	0.009%
34	6.694	1737	1743	1746	rBV2	1292	1146	0.07%	0.008%

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Sample : K1917-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0963

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\SOMULM031319WMA.M
Title : VOC Analysis

35	6.771	1764	1767	1776	rVB	1682	2020	0.12%	0.015%
36	6.826	1779	1784	1786	rBV2	1054	813	0.05%	0.006%
37	6.874	1792	1799	1804	rBV4	1520	2034	0.12%	0.015%
38	6.948	1819	1822	1826	rVV	1439	1161	0.07%	0.008%
39	6.971	1826	1829	1832	rVB	1412	853	0.05%	0.006%
40	7.016	1838	1843	1847	rBV2	809	1022	0.06%	0.007%
41	7.225	1897	1908	1937	rVV	184245	343609	20.28%	2.483%
42	7.340	1941	1944	1949	rVB	1286	1043	0.06%	0.008%
43	7.562	2000	2013	2047	rBV	717019	1322568	78.04%	9.556%
44	7.730	2062	2065	2069	rBV2	1448	1005	0.06%	0.007%
45	7.848	2091	2102	2129	rBV	127987	231080	13.64%	1.670%
46	8.006	2145	2151	2158	rBV3	1656	2642	0.16%	0.019%
47	8.176	2193	2204	2214	rBV3	30443	57546	3.40%	0.416%
48	8.308	2234	2245	2281	rBV	526121	939858	55.46%	6.791%
49	8.665	2353	2356	2360	rBV	1921	1569	0.09%	0.011%
50	8.729	2373	2376	2380	rBV	1135	1042	0.06%	0.008%
51	8.977	2445	2453	2457	rBV	1733	2109	0.12%	0.015%
52	9.016	2462	2465	2467	rBV	1027	811	0.05%	0.006%
53	9.086	2474	2487	2513	rBV	829663	1497897	88.39%	10.823%
54	9.324	2558	2561	2567	rVB	2107	1908	0.11%	0.014%
55	9.437	2593	2596	2598	rBV2	1206	814	0.05%	0.006%
56	9.585	2639	2642	2648	rVV2	967	1029	0.06%	0.007%
57	9.643	2654	2660	2664	rBV2	1782	2233	0.13%	0.016%
58	9.781	2700	2703	2711	rVB2	2070	2676	0.16%	0.019%
59	9.823	2711	2716	2718	rBV	1229	1418	0.08%	0.010%
60	9.916	2741	2745	2750	rVB3	971	864	0.05%	0.006%
61	9.945	2750	2754	2757	rBV	1422	1010	0.06%	0.007%
62	10.000	2765	2771	2775	rBV	1797	1827	0.11%	0.013%
63	10.247	2844	2848	2853	rVB3	2117	2395	0.14%	0.017%
64	10.282	2853	2859	2864	rBV	2310	3097	0.18%	0.022%
65	10.324	2865	2872	2874	rBV	1084	1237	0.07%	0.009%
66	10.427	2892	2904	2924	rBV	561564	914825	53.98%	6.610%
67	10.569	2945	2948	2950	rVV2	1210	928	0.05%	0.007%
68	10.604	2951	2959	2971	rVB4	10706	20592	1.22%	0.149%
69	10.951	3064	3067	3071	rBV2	1063	957	0.06%	0.007%
70	10.990	3076	3079	3082	rBV	1289	872	0.05%	0.006%
71	11.022	3082	3089	3092	rVB	1567	1378	0.08%	0.010%

LSC Area Percent Report

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Sample : K1917-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0963

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\SOMULM031319WMA.M
Title : VOC Analysis

72	11.424	3204	3214	3220	rVV5	3912	6747	0.40%	0.049%
73	11.482	3220	3232	3255	rVV	830843	1370503	80.87%	9.902%
74	11.665	3287	3289	3292	rBV2	1137	815	0.05%	0.006%
75	11.858	3334	3349	3368	rBV	760184	1290341	76.14%	9.323%
76	12.363	3502	3506	3512	rBV2	1170	1275	0.08%	0.009%
77	12.479	3539	3542	3545	rBV2	1391	1097	0.06%	0.008%
78	12.633	3583	3590	3595	rBV2	1948	2029	0.12%	0.015%
79	12.778	3628	3635	3638	rVB2	1393	1393	0.08%	0.010%
80	12.897	3668	3672	3678	rBV2	1745	2025	0.12%	0.015%
81	13.151	3748	3751	3759	rVB3	777	1095	0.06%	0.008%
82	13.347	3808	3812	3814	rBV	1325	1088	0.06%	0.008%
83	13.421	3831	3835	3837	rBV	1525	1019	0.06%	0.007%
84	13.459	3844	3847	3850	rBV2	1670	1305	0.08%	0.009%
85	13.707	3920	3924	3927	rBV	1442	1088	0.06%	0.008%
86	13.787	3944	3949	3955	rBV	2887	3649	0.22%	0.026%
87	13.819	3956	3959	3962	rVV	1259	916	0.05%	0.007%
88	13.903	3980	3985	3989	rBV	1479	1611	0.10%	0.012%
89	13.951	3996	4000	4003	rBV	1364	1009	0.06%	0.007%
90	13.983	4003	4010	4013	rBV	1081	1242	0.07%	0.009%
91	14.282	4100	4103	4106	rBV2	1799	1448	0.09%	0.010%
92	14.533	4178	4181	4185	rVB	1288	1092	0.06%	0.008%
93	14.777	4254	4257	4259	rBV2	1349	875	0.05%	0.006%
94	14.983	4317	4321	4323	rBV2	1192	900	0.05%	0.007%
95	15.195	4384	4387	4395	rVB2	1787	2009	0.12%	0.015%
96	15.234	4395	4399	4402	rBV2	1728	1619	0.10%	0.012%
97	15.359	4434	4438	4441	rBV	1350	1288	0.08%	0.009%
98	15.449	4462	4466	4468	rBV2	1147	974	0.06%	0.007%
99	15.482	4473	4476	4480	rVB2	1442	1158	0.07%	0.008%
100	15.794	4570	4573	4579	rBV3	1392	1730	0.10%	0.012%

Sum of corrected areas: 13840072

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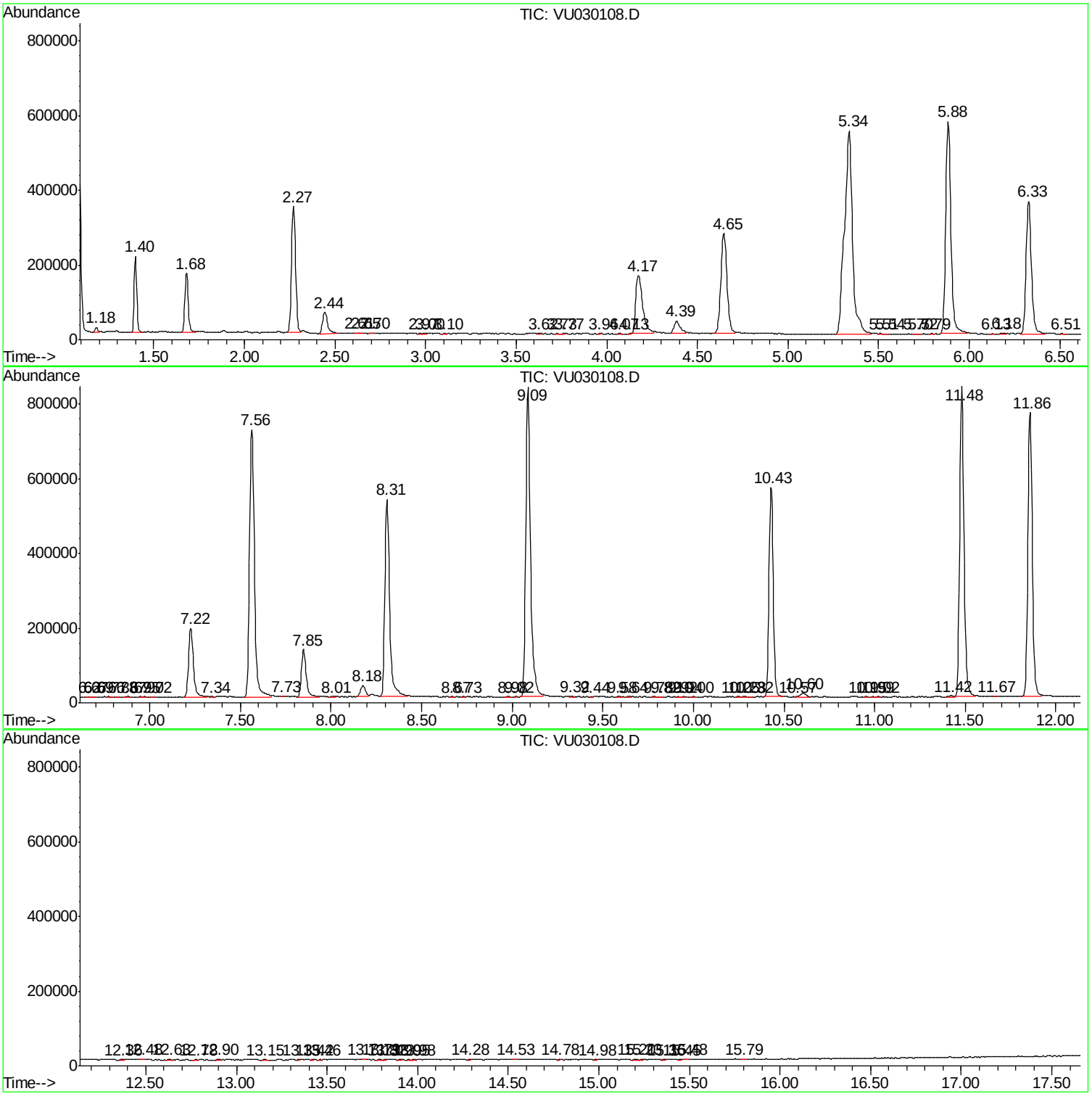
Instrument : MSVOA_U
ClientSampleId : C0963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.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\VU031619\
Data File : VU030108.D
Acq On : 15 Mar 2019 14:03
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ClientSampleId : C0963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

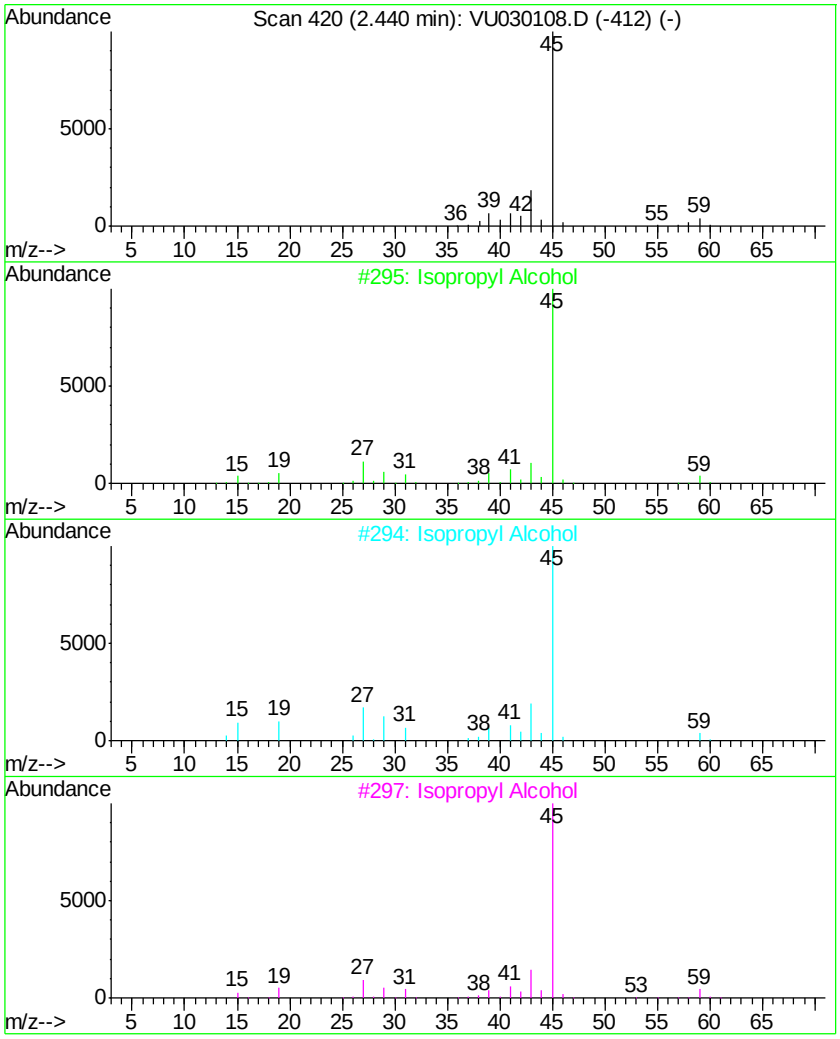
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

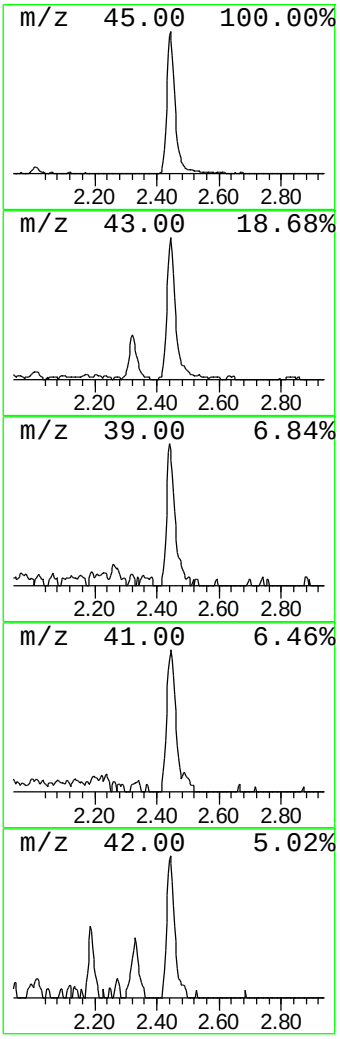
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.78 ug/L	109635	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Library Search Compound Report

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0963

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis

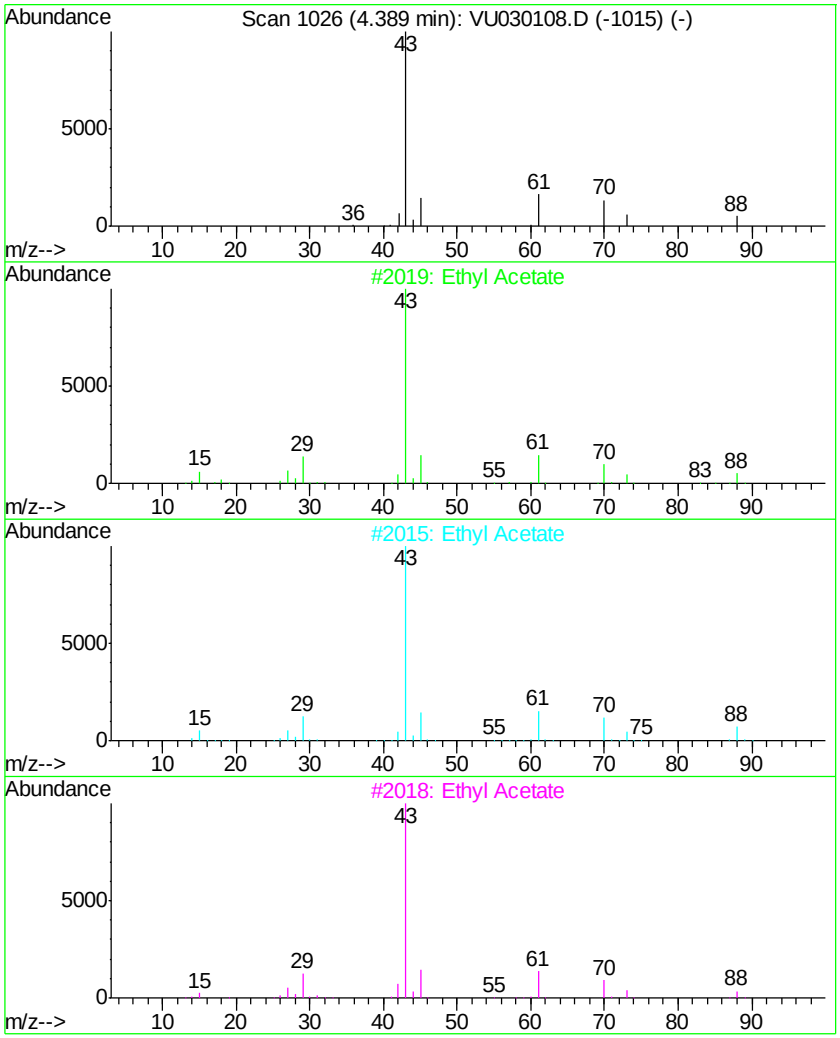
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

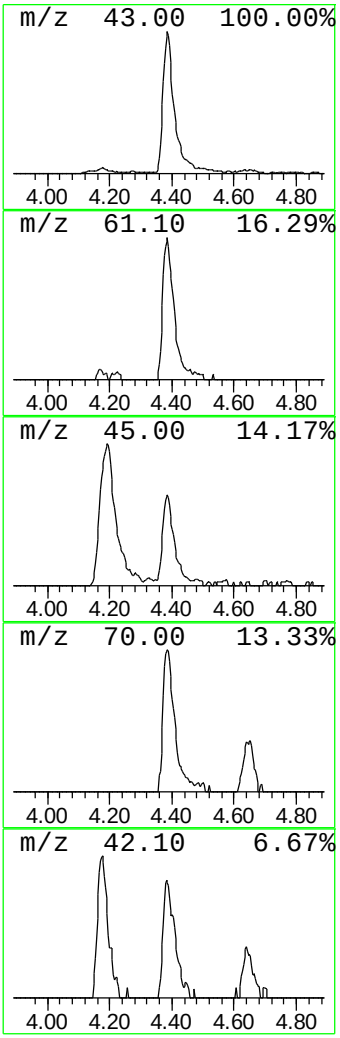
****

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.15 ug/L	72330	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	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	56
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	4.8	ug/L	109635	1	5.88	1146740	50.0
Ethyl Acetate	4.39	3.1	ug/L	72330	1	5.88	1146740	50.0