LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
Data File : VU033405.D
Acq On : 25 Jul 2019 13:12
Operator : JC/SP
Sample : K3957-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A13

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	33	rBV2	2251	2169	0.24%	0.025%
2	1.287	55	61	69	rBV	6422	9544	1.04%	0.111%
3	1.389	86	93	107	rBV	121819	129135	14.10%	1.508%
4	1.669	173	180	194	rVB	110862	139607	15.24%	1.630%
5	2.258	353	363	373	rBV	237817	344362	37.60%	4.022%
6	2.428	403	416	441	rBV	65261	118673	12.96%	1.386%
7	2.756	515	518	522	rBV3	530	348	0.04%	0.004%
8	2.820	536	538	547	rVB3	1413	1446	0.16%	0.017%
9	2.939	568	575	577	rVB	292	235	0.03%	0.003%
10	2.958	577	581	587	rBV2	310	292	0.03%	0.003%
11	2.987	587	590	594	rBV2	316	234	0.03%	0.003%
12	3.132	632	635	638	rBV2	192	139	0.02%	0.002%
13	3.155	639	642	645	rVV2	252	150	0.02%	0.002%
14	3.348	699	702	705	rVV	174	132	0.01%	0.002%
15	3.364	705	707	710	rVB	277	146	0.02%	0.002%
16	3.473	736	741	743	rBV2	228	203	0.02%	0.002%
17	3.508	750	752	758	rVV2	178	128	0.01%	0.001%
18	3.544	760	763	767	rVB2	267	201	0.02%	0.002%
19	3.598	774	780	784	rBV2	153	208	0.02%	0.002%
20	3.698	808	811	814	rBV	219	144	0.02%	0.002%
21	3.981	895	899	902	rVB2	266	235	0.03%	0.003%
22	4.000	902	905	907	rBV2	231	182	0.02%	0.002%
23	4.151	940	952	992	rBV	82044	227538	24.84%	2.657%
24	4.354	1004	1015	1058	rVB	70182	173397	18.93%	2.025%
25	4.621	1081	1098	1123	rBV	155385	382442	41.76%	4.467%
26	4.778	1144	1147	1152	rVB3	372	294	0.03%	0.003%
27	4.811	1154	1157	1160	rVB4	344	191	0.02%	0.002%
28	4.849	1165	1169	1170	rBV2	315	221	0.02%	0.003%
29	4.884	1178	1180	1183	rVB	635	251	0.03%	0.003%
30	5.093	1241	1245	1249	rVB2	181	139	0.02%	0.002%
31	5.126	1252	1255	1261	rVB	229	174	0.02%	0.002%
32	5.315	1291	1314	1342	rBV2	299001	915891	100.00%	10.697%
33	5.704	1432	1435	1438	rBV2	177	136	0.01%	0.002%
34	5.733	1441	1444	1447	rVB	315	198	0.02%	0.002%

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A13

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	5.782	1455	1459	1462	rVB2	236	149	0.02%	0.002%
36	5.865	1471	1485	1504	rBV	318922	640380	69.92%	7.479%
37	6.109	1558	1561	1564	rBV3	302	242	0.03%	0.003%
38	6.164	1564	1578	1602	rBV	359078	701104	76.55%	8.188%
39	6.309	1609	1623	1648	rVB	208616	421078	45.97%	4.918%
40	6.495	1679	1681	1689	rVB2	459	315	0.03%	0.004%
41	6.540	1690	1695	1697	rBV	336	191	0.02%	0.002%
42	6.611	1712	1717	1725	rVB2	267	330	0.04%	0.004%
43	6.663	1730	1733	1743	rVB3	372	555	0.06%	0.006%
44	6.720	1746	1751	1756	rBV4	584	630	0.07%	0.007%
45	6.849	1788	1791	1795	rBV2	570	544	0.06%	0.006%
46	7.164	1886	1889	1891	rBV	252	139	0.02%	0.002%
47	7.209	1891	1903	1930	rBV	109236	201255	21.97%	2.350%
48	7.376	1952	1955	1960	rBV3	392	303	0.03%	0.004%
49	7.495	1990	1992	1995	rVB	298	125	0.01%	0.001%
50	7.547	1995	2008	2045	rBV	383102	694956	75.88%	8.116%
51	7.833	2084	2097	2121	rBV	77774	139657	15.25%	1.631%
52	8.029	2156	2158	2165	rVB	325	217	0.02%	0.003%
53	8.167	2189	2201	2209	rBV	2619	4808	0.52%	0.056%
54	8.219	2215	2217	2220	rVB3	309	138	0.02%	0.002%
55	8.293	2230	2240	2282	rBV	259103	480303	52.44%	5.609%
56	8.569	2317	2326	2338	rVV6	1729	3323	0.36%	0.039%
57	8.617	2339	2341	2344	rVB2	516	243	0.03%	0.003%
58	8.704	2365	2368	2371	rBV2	185	161	0.02%	0.002%
59	8.724	2371	2374	2376	rVV	284	182	0.02%	0.002%
60	8.740	2376	2379	2384	rVV	236	194	0.02%	0.002%
61	8.797	2394	2397	2401	rBV2	403	293	0.03%	0.003%
62	8.897	2424	2428	2430	rBV	244	163	0.02%	0.002%
63	9.071	2470	2482	2522	rBV	493563	850174	92.82%	9.929%
64	9.286	2547	2549	2552	rVB	345	127	0.01%	0.001%
65	9.351	2567	2569	2571	rBV	281	167	0.02%	0.002%
66	9.553	2627	2632	2635	rBV2	231	260	0.03%	0.003%
67	9.624	2652	2654	2656	rBV2	402	169	0.02%	0.002%
68	9.653	2660	2663	2667	rVB	367	211	0.02%	0.002%
69	9.826	2714	2717	2724	rVB2	365	323	0.04%	0.004%
70	9.865	2724	2729	2731	rBV3	177	181	0.02%	0.002%
71	9.907	2738	2742	2743	rBV	243	136	0.01%	0.002%

LSC Area Percent Report

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Instrument : MSVOA_U
ClientSampleId : F2A13

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\SOMULM071219WMA.M
Title : VOC Analysis

72	9.974	2760	2763	2768	rVB2	383	208	0.02%	0.002%
73	10.003	2769	2772	2776	rBV2	189	135	0.01%	0.002%
74	10.026	2776	2779	2781	rBV2	221	135	0.01%	0.002%
75	10.206	2829	2835	2836	rBV	788	786	0.09%	0.009%
76	10.415	2888	2900	2925	rBV	331637	537777	58.72%	6.281%
77	10.508	2925	2929	2936	rVB4	431	483	0.05%	0.006%
78	10.598	2948	2957	2963	rBV5	2273	3175	0.35%	0.037%
79	10.756	3003	3006	3007	rBV	236	144	0.02%	0.002%
80	10.797	3017	3019	3022	rVB	307	129	0.01%	0.002%
81	10.836	3028	3031	3035	rBV	204	148	0.02%	0.002%
82	10.923	3054	3058	3060	rBV2	250	193	0.02%	0.002%
83	11.010	3084	3085	3089	rBV	211	126	0.01%	0.001%
84	11.071	3101	3104	3106	rBV2	216	141	0.02%	0.002%
85	11.125	3119	3121	3126	rVB2	304	230	0.03%	0.003%
86	11.167	3131	3134	3136	rBV	268	208	0.02%	0.002%
87	11.199	3141	3144	3150	rVB2	316	320	0.03%	0.004%
88	11.231	3151	3154	3156	rBV2	212	156	0.02%	0.002%
89	11.248	3157	3159	3164	rVB	349	215	0.02%	0.003%
90	11.469	3215	3228	3252	rBV	459385	745667	81.41%	8.709%
91	11.678	3290	3293	3296	rVB2	511	376	0.04%	0.004%
92	11.698	3296	3299	3303	rBV3	442	212	0.02%	0.002%
93	11.752	3307	3316	3323	rBV7	5007	9161	1.00%	0.107%
94	11.846	3333	3345	3364	rBV	410529	668335	72.97%	7.806%
95	12.331	3492	3496	3499	rBV2	299	211	0.02%	0.002%
96	12.395	3512	3516	3517	rBV2	303	223	0.02%	0.003%
97	12.437	3527	3529	3534	rVB2	351	241	0.03%	0.003%
98	12.530	3555	3558	3560	rVB3	524	262	0.03%	0.003%
99	12.884	3665	3668	3670	rBV	318	191	0.02%	0.002%
100	13.292	3792	3795	3797	rBV2	304	220	0.02%	0.003%

Sum of corrected areas: 8562319

LSC Report - Integrated Chromatogram

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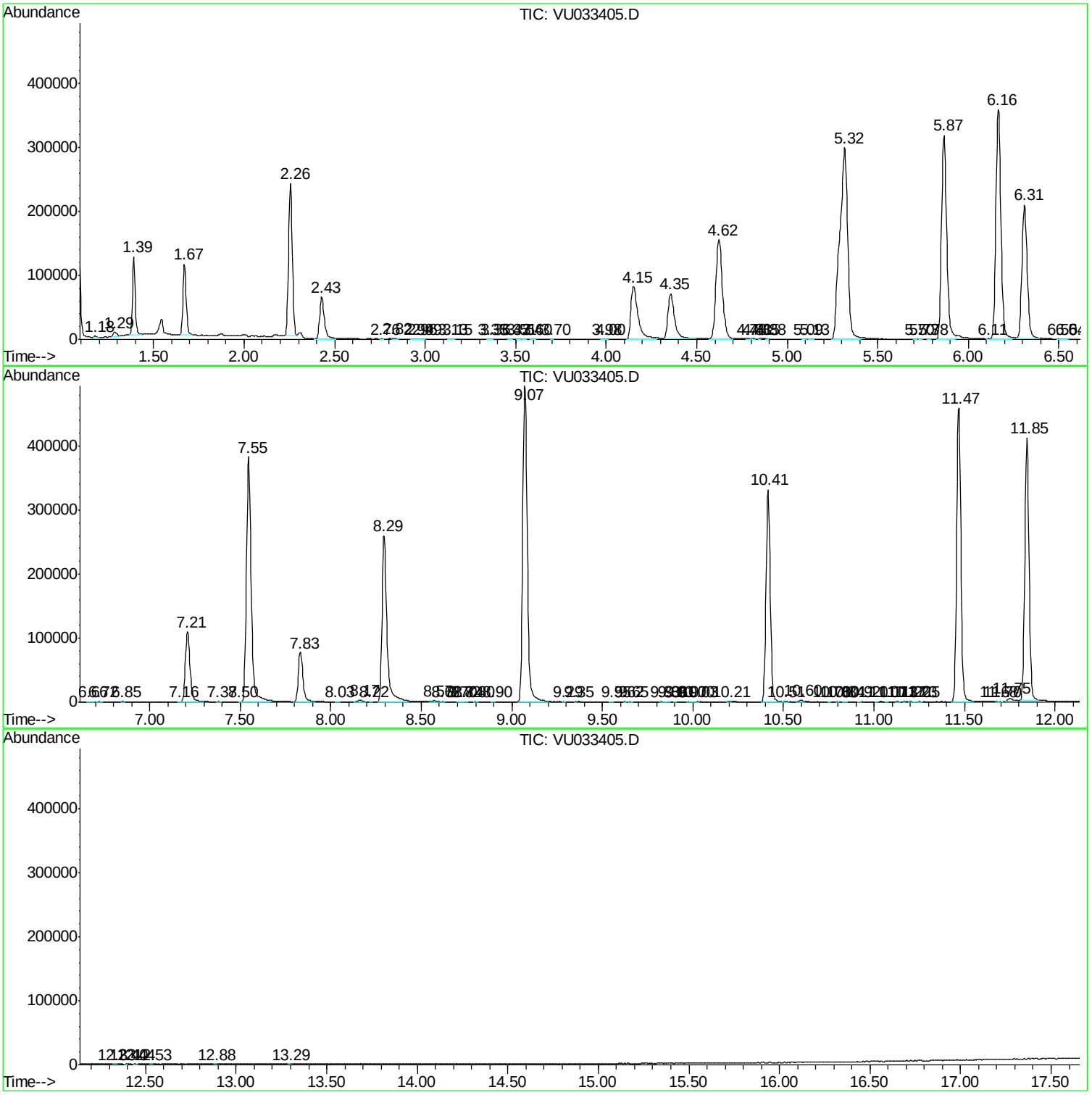
Instrument : MSVOA_U
ClientSampleId : F2A13

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\
Data File : VU033405.D
Acq On : 25 Jul 2019 13:12
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Quant Title : VOC Analysis

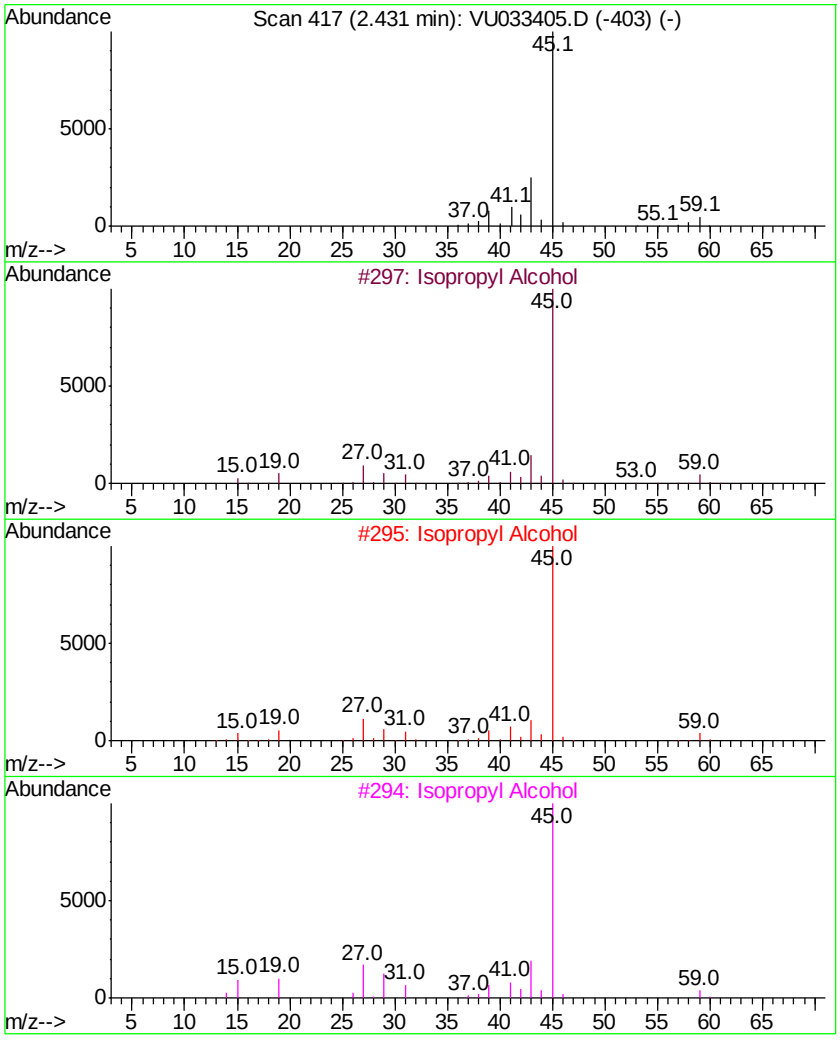
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

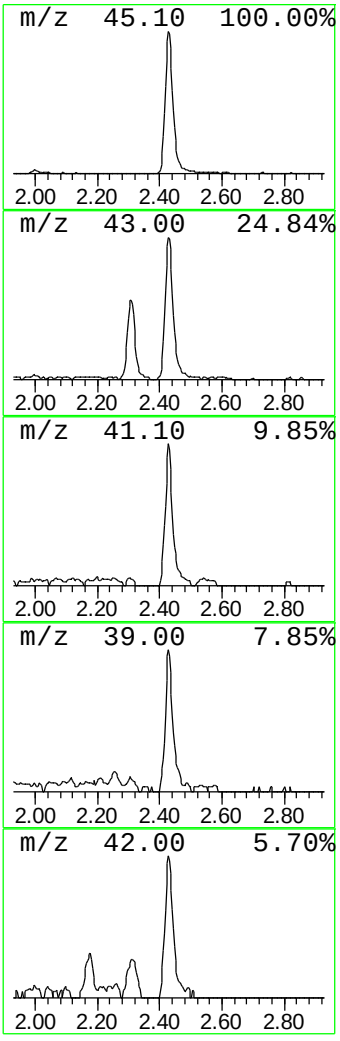
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	9.27 ug/L	118673	1,4-Difluorobenzene	5.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Library Search Compound Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A13

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

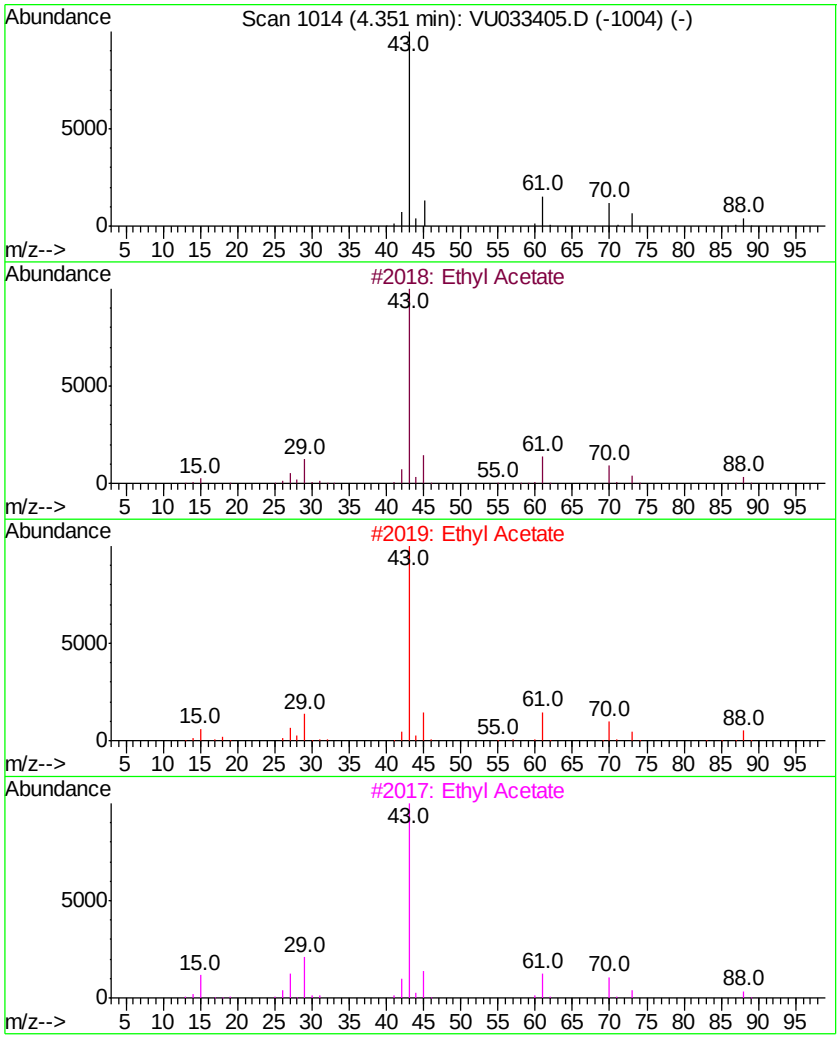
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

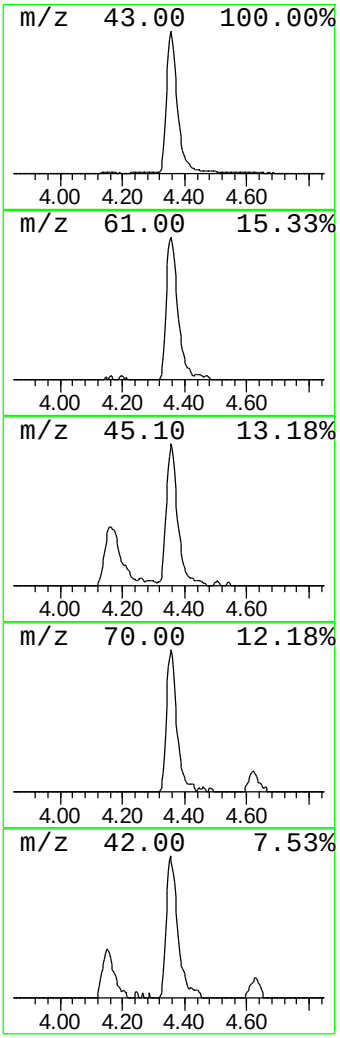
****

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	13.54 ug/L	173397	1,4-Difluorobenzene	5.87

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	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





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	2.43	9.3	ug/L	118673	1	5.87	640380	50.0
Ethyl Acetate	4.35	13.5	ug/L	173397	1	5.87	640380	50.0