LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\
Data File : VU033444.D
Acq On : 26 Jul 2019 11:43
Operator : JC/SP
Sample : K3957-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A15

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	1.174	23	26	33	rVB3	2302	2222	0.20%	0.024%
2	1.389	86	93	105	rBV	169809	179855	16.45%	1.975%
3	1.540	133	140	150	rVB	17993	23245	2.13%	0.255%
4	1.669	172	180	197	rVB	140795	184124	16.84%	2.022%
5	2.257	352	363	373	rBV	303221	441127	40.35%	4.844%
6	2.427	405	416	436	rBV	62813	115053	10.52%	1.263%
7	2.518	442	444	450	rBV3	645	676	0.06%	0.007%
8	2.682	493	495	500	rVB3	835	601	0.05%	0.007%
9	2.710	500	504	507	rBV2	264	254	0.02%	0.003%
10	2.727	507	509	512	rVB	394	220	0.02%	0.002%
11	2.765	517	521	528	rBV3	209	294	0.03%	0.003%
12	2.820	528	538	541	rBV3	1219	1927	0.18%	0.021%
13	2.881	552	557	559	rBV2	271	289	0.03%	0.003%
14	3.337	696	699	703	rVV	287	222	0.02%	0.002%
15	3.386	708	714	716	rBV	287	229	0.02%	0.003%
16	3.649	793	796	801	rVB	231	185	0.02%	0.002%
17	3.768	830	833	838	rBV2	283	192	0.02%	0.002%
18	3.797	838	842	846	rBV2	167	179	0.02%	0.002%
19	4.029	908	914	917	rBV2	235	257	0.02%	0.003%
20	4.151	936	952	987	rBV	89732	253052	23.15%	2.779%
21	4.353	1003	1015	1044	rBV	76696	186297	17.04%	2.046%
22	4.624	1082	1099	1121	rBV2	183952	439768	40.23%	4.829%
23	4.810	1153	1157	1158	rBV2	435	354	0.03%	0.004%
24	4.942	1194	1198	1200	rVV2	222	196	0.02%	0.002%
25	4.955	1200	1202	1206	rVB2	439	305	0.03%	0.003%
26	5.106	1242	1249	1254	rBV2	265	407	0.04%	0.004%
27	5.180	1269	1272	1276	rBV2	210	212	0.02%	0.002%
28	5.315	1291	1314	1340	rBV2	364493	1093224	100.00%	12.004%
29	5.694	1428	1432	1434	rBV2	337	256	0.02%	0.003%
30	5.726	1440	1442	1447	rVB2	304	307	0.03%	0.003%
31	5.755	1447	1451	1454	rVB2	264	185	0.02%	0.002%
32	5.804	1463	1466	1472	rVB3	285	318	0.03%	0.003%
33	5.865	1472	1485	1509	rBV	303519	614290	56.19%	6.745%
34	6.167	1564	1579	1603	rBV	199370	392792	35.93%	4.313%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\
Data File : VU033444.D
Acq On : 26 Jul 2019 11:43
Operator : JC/SP
Sample : K3957-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A15

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	6.308	1609	1623	1645	rBV	243510	489496	44.78%	5.375%
36	6.498	1680	1682	1686	rVB2	380	236	0.02%	0.003%
37	6.550	1695	1698	1702	rVB2	417	207	0.02%	0.002%
38	6.582	1705	1708	1712	rVB	319	248	0.02%	0.003%
39	6.604	1712	1715	1718	rBV	354	240	0.02%	0.003%
40	6.636	1723	1725	1730	rBV2	279	224	0.02%	0.002%
41	6.784	1767	1771	1774	rBV2	306	289	0.03%	0.003%
42	6.958	1818	1825	1827	rBV2	282	356	0.03%	0.004%
43	7.135	1874	1880	1886	rBV2	300	545	0.05%	0.006%
44	7.209	1888	1903	1919	rBV	127952	233485	21.36%	2.564%
45	7.337	1941	1943	1947	rVB	381	233	0.02%	0.003%
46	7.546	1994	2008	2049	rBV	472892	859500	78.62%	9.437%
47	7.832	2087	2097	2115	rBV	91273	159105	14.55%	1.747%
48	7.967	2136	2139	2149	rVB3	530	710	0.06%	0.008%
49	8.006	2149	2151	2156	rBV3	408	269	0.02%	0.003%
50	8.035	2156	2160	2164	rVB	270	214	0.02%	0.002%
51	8.164	2187	2200	2213	rBV	11691	22027	2.01%	0.242%
52	8.295	2229	2241	2266	rBV	282718	518612	47.44%	5.694%
53	8.495	2301	2303	2307	rVB3	652	354	0.03%	0.004%
54	8.569	2320	2326	2328	rBV3	1396	1607	0.15%	0.018%
55	8.604	2335	2337	2342	rVB	510	369	0.03%	0.004%
56	8.636	2342	2347	2349	rBV2	351	333	0.03%	0.004%
57	8.749	2379	2382	2385	rBV2	319	184	0.02%	0.002%
58	8.803	2395	2399	2402	rBV2	378	293	0.03%	0.003%
59	9.074	2470	2483	2531	rBV	467045	800361	73.21%	8.788%
60	9.234	2531	2533	2539	rVB3	404	341	0.03%	0.004%
61	9.266	2539	2543	2544	rBV2	321	191	0.02%	0.002%
62	9.334	2560	2564	2566	rBV2	231	181	0.02%	0.002%
63	9.353	2566	2570	2571	rBV2	389	254	0.02%	0.003%
64	9.485	2608	2611	2615	rVV2	316	234	0.02%	0.003%
65	9.588	2640	2643	2645	rBV2	358	252	0.02%	0.003%
66	9.620	2648	2653	2655	rBV2	184	189	0.02%	0.002%
67	9.700	2675	2678	2684	rBV2	178	226	0.02%	0.002%
68	9.758	2692	2696	2699	rBV	290	221	0.02%	0.002%
69	9.787	2703	2705	2709	rVV2	356	195	0.02%	0.002%
70	9.877	2730	2733	2737	rBV2	316	219	0.02%	0.002%
71	9.919	2744	2746	2749	rVB2	316	182	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\
Data File : VU033444.D
Acq On : 26 Jul 2019 11:43
Operator : JC/SP
Sample : K3957-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A15

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

72	9.987	2764	2767	2771	rBV2	317	194	0.02%	0.002%
73	10.009	2771	2774	2780	rVB2	309	279	0.03%	0.003%
74	10.202	2831	2834	2836	rBV	556	409	0.04%	0.004%
75	10.266	2850	2854	2856	rBV	225	204	0.02%	0.002%
76	10.414	2887	2900	2921	rBV	363580	581927	53.23%	6.390%
77	10.598	2945	2957	2967	rBV2	14799	24276	2.22%	0.267%
78	10.913	3053	3055	3059	rVB2	349	196	0.02%	0.002%
79	10.942	3059	3064	3067	rVB	339	301	0.03%	0.003%
80	10.971	3069	3073	3076	rBV3	296	302	0.03%	0.003%
81	11.147	3124	3128	3130	rBV	356	269	0.02%	0.003%
82	11.192	3139	3142	3145	rBV2	344	224	0.02%	0.002%
83	11.241	3151	3157	3158	rBV2	312	299	0.03%	0.003%
84	11.289	3169	3172	3176	rBV2	470	376	0.03%	0.004%
85	11.469	3215	3228	3248	rBV	432364	687197	62.86%	7.546%
86	11.623	3274	3276	3280	rVB	490	354	0.03%	0.004%
87	11.749	3305	3315	3328	rBV5	6502	16424	1.50%	0.180%
88	11.845	3333	3345	3362	rVV	472082	764283	69.91%	8.392%
89	12.241	3465	3468	3469	rBV2	474	264	0.02%	0.003%
90	12.270	3474	3477	3481	rVV2	509	372	0.03%	0.004%
91	12.308	3486	3489	3491	rBV2	344	269	0.02%	0.003%
92	12.398	3515	3517	3521	rVV	327	294	0.03%	0.003%
93	12.450	3528	3533	3534	rBV2	685	484	0.04%	0.005%
94	12.694	3606	3609	3612	rVB2	376	273	0.02%	0.003%
95	12.726	3615	3619	3623	rVB4	424	374	0.03%	0.004%
96	13.147	3747	3750	3755	rVB2	390	284	0.03%	0.003%
97	13.536	3868	3871	3875	rBV2	387	324	0.03%	0.004%
98	13.864	3968	3973	3976	rBV2	408	495	0.05%	0.005%
99	13.903	3981	3985	3989	rVB2	370	395	0.04%	0.004%
100	15.771	4563	4566	4569	rBV3	880	668	0.06%	0.007%

Sum of corrected areas: 9107306

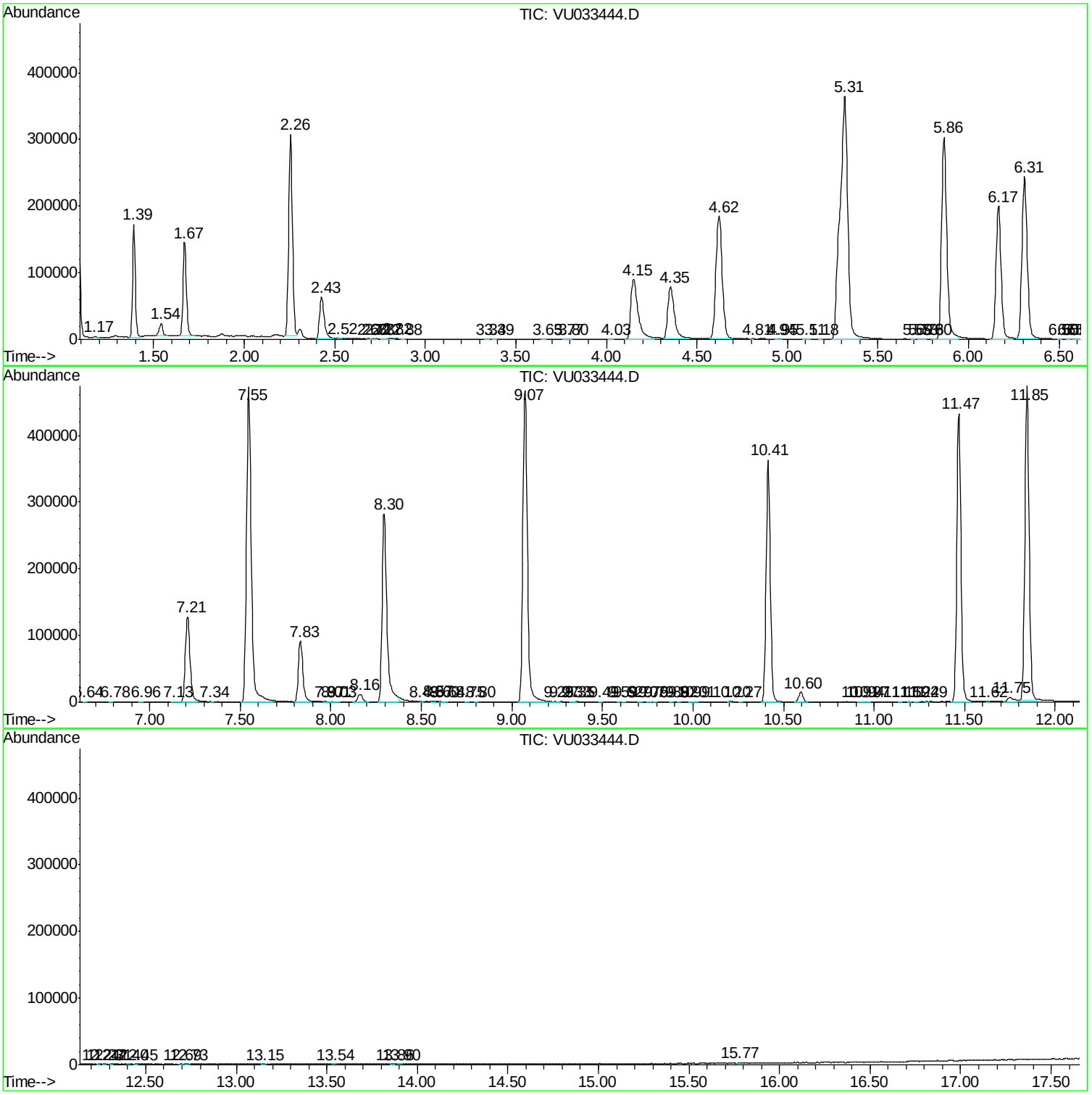
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\
Data File : VU033444.D
Acq On : 26 Jul 2019 11:43
Operator : JC/SP
Sample : K3957-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2A15

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\VU072619\
Data File : VU033444.D
Acq On : 26 Jul 2019 11:43
Operator : JC/SP
Sample : K3957-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A15

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

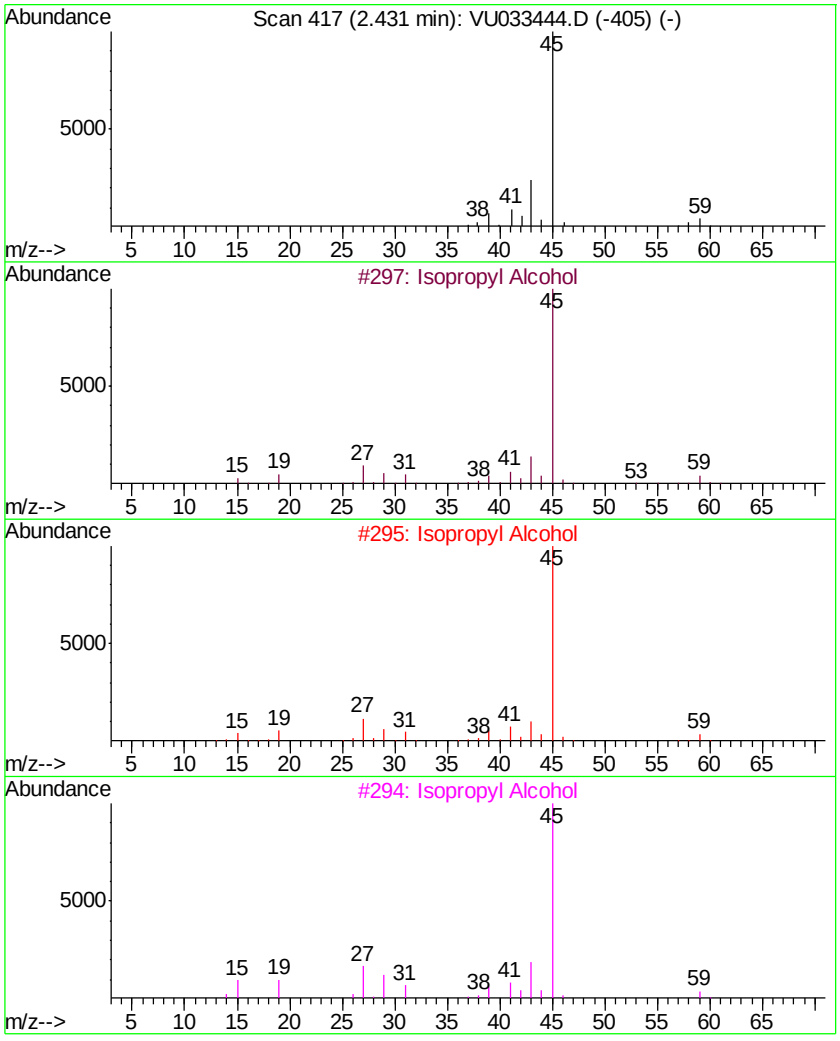
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

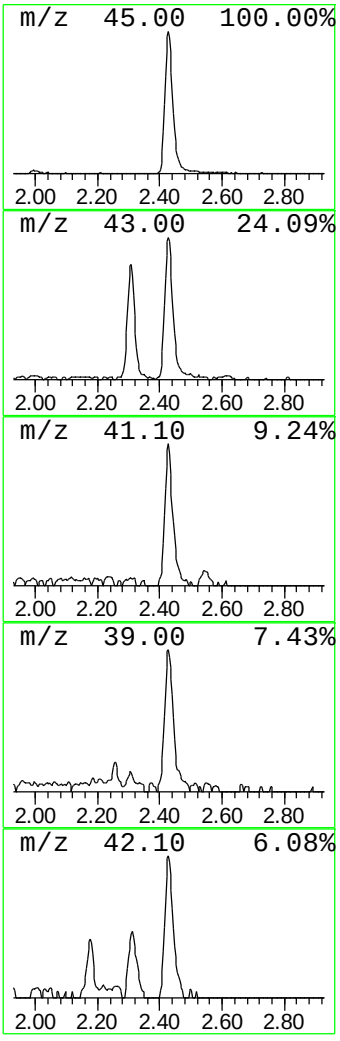
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	9.36 ug/L	115053	1,4-Difluorobenzene	5.86

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	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\
Data File : VU033444.D
Acq On : 26 Jul 2019 11:43
Operator : JC/SP
Sample : K3957-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A15

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

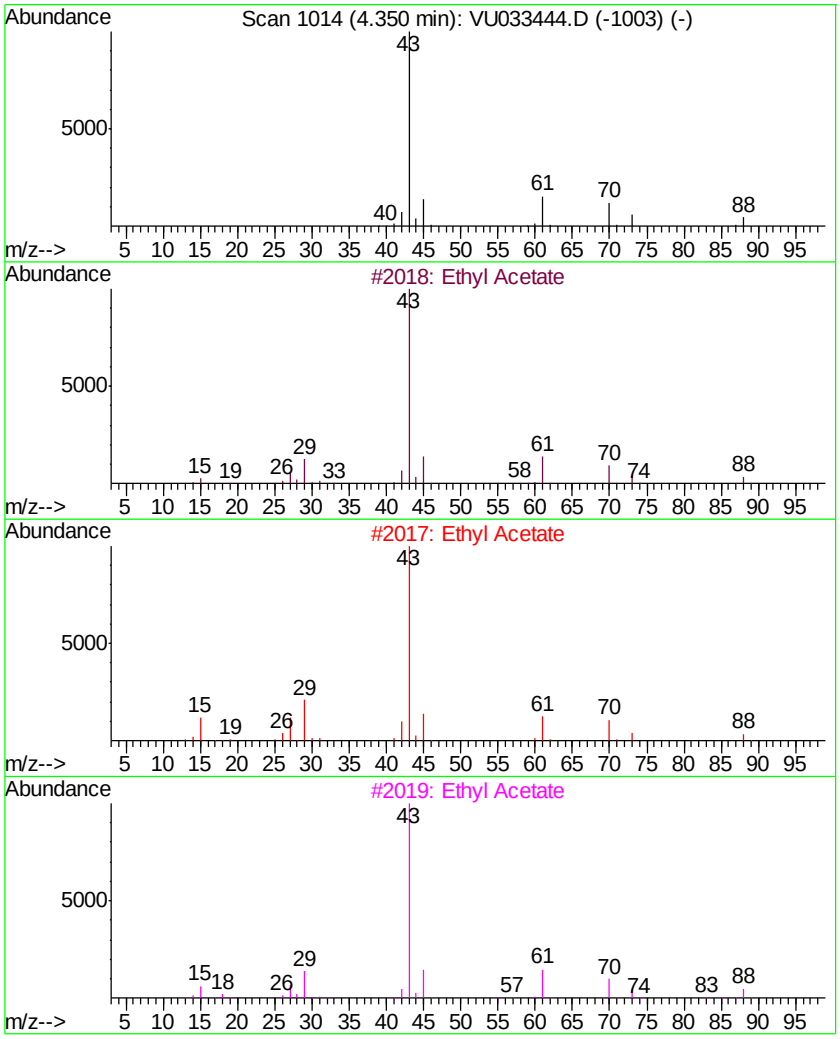
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

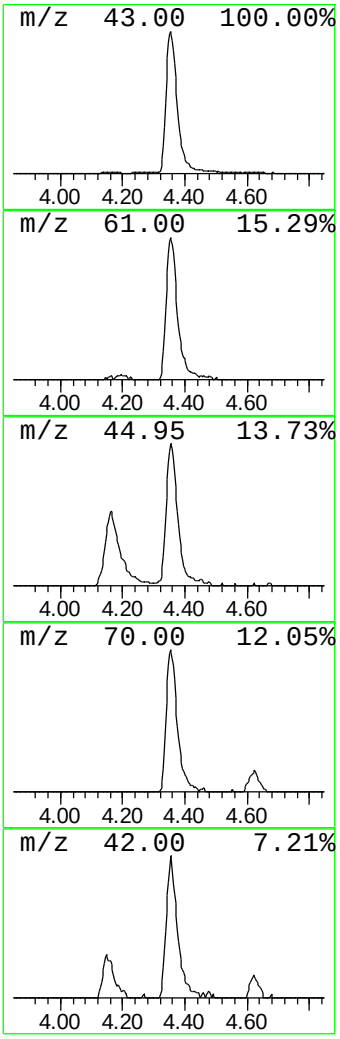
****

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	15.16 ug/L	186297	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	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	36





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\
Data File : VU033444.D
Acq On : 26 Jul 2019 11:43
Operator : JC/SP
Sample : K3957-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A15

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Isopropyl Alcohol	2.43	9.4	ug/L	115053	1	5.86	614290	50.0
Ethyl Acetate	4.35	15.2	ug/L	186297	1	5.86	614290	50.0