LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031919\
Data File : VV009780.D
Acq On : 19 Mar 2019 16:06
Operator : SY/MD
Sample : K1967-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09B6

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_V\METHOD\SOMVLM031719WMA.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	1.319	65	71	80	rVB	65156	64336	14.13%	1.776%
2	1.557	140	145	158	rVB	49610	60350	13.25%	1.666%
3	2.122	312	321	334	rVB	126869	180824	39.71%	4.991%
4	2.331	374	386	399	rBV	10904	24856	5.46%	0.686%
5	2.794	526	530	531	rBV	566	395	0.09%	0.011%
6	2.875	553	555	557	rBV	506	274	0.06%	0.008%
7	2.939	572	575	581	rVB2	605	607	0.13%	0.017%
8	2.968	581	584	585	rBV	288	169	0.04%	0.005%
9	3.061	609	613	616	rBV2	473	445	0.10%	0.012%
10	3.338	697	699	704	rVB	500	410	0.09%	0.011%
11	3.364	704	707	710	rBV	513	413	0.09%	0.011%
12	3.447	729	733	734	rBV	442	305	0.07%	0.008%
13	3.569	768	771	775	rVB	527	342	0.08%	0.009%
14	3.595	775	779	783	rBV	748	644	0.14%	0.018%
15	3.666	799	801	802	rBV2	269	96	0.02%	0.003%
16	3.839	848	855	856	rBV	823	680	0.15%	0.019%
17	3.933	872	884	905	rBV	30366	78266	17.19%	2.160%
18	4.126	935	944	970	rVB2	30119	75839	16.65%	2.093%
19	4.402	1015	1030	1048	rBV	73567	174913	38.41%	4.828%
20	4.550	1073	1076	1078	rBV	568	344	0.08%	0.009%
21	4.569	1080	1082	1088	rVB	530	489	0.11%	0.013%
22	4.598	1089	1091	1093	rVV	349	126	0.03%	0.003%
23	4.704	1116	1124	1126	rBV	499	613	0.13%	0.017%
24	4.743	1134	1136	1143	rVB2	716	686	0.15%	0.019%
25	4.778	1143	1147	1150	rBV2	714	668	0.15%	0.018%
26	4.817	1155	1159	1160	rBV	550	368	0.08%	0.010%
27	4.913	1186	1189	1191	rBV	264	146	0.03%	0.004%
28	4.955	1199	1202	1207	rVB2	741	473	0.10%	0.013%
29	5.000	1212	1216	1219	rBV	552	575	0.13%	0.016%
30	5.093	1228	1245	1268	rBV4	181594	455409	100.00%	12.569%
31	5.444	1350	1354	1357	rBV3	847	622	0.14%	0.017%
32	5.663	1409	1422	1444	rBV	148881	301124	66.12%	8.311%
33	5.923	1500	1503	1504	rBV	560	299	0.07%	0.008%
34	6.116	1550	1563	1584	rBV	100177	201188	44.18%	5.553%

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Title : VOC Analysis

35	6.325	1625	1628	1630	rBV	520	372	0.08%	0.010%
36	6.363	1636	1640	1643	rVB	699	521	0.11%	0.014%
37	6.425	1655	1659	1662	rBV2	460	449	0.10%	0.012%
38	6.486	1672	1678	1680	rBV	604	582	0.13%	0.016%
39	6.624	1717	1721	1724	rBV3	772	518	0.11%	0.014%
40	6.685	1737	1740	1741	rBV	492	251	0.06%	0.007%
41	6.826	1781	1784	1787	rBV2	359	268	0.06%	0.007%
42	6.878	1798	1800	1803	rBV	478	312	0.07%	0.009%
43	6.900	1803	1807	1809	rBV	528	473	0.10%	0.013%
44	7.029	1837	1847	1871	rVB	57061	101519	22.29%	2.802%
45	7.273	1920	1923	1924	rBV	449	254	0.06%	0.007%
46	7.299	1928	1931	1934	rBV	390	264	0.06%	0.007%
47	7.360	1937	1950	1974	rBV	216385	392440	86.17%	10.831%
48	7.666	2027	2045	2057	rBV	39803	68583	15.06%	1.893%
49	7.778	2077	2080	2082	rBV3	455	218	0.05%	0.006%
50	7.842	2097	2100	2101	rBV	514	302	0.07%	0.008%
51	8.135	2180	2191	2219	rBV	92649	191021	41.94%	5.272%
52	8.399	2270	2273	2275	rBV	526	262	0.06%	0.007%
53	8.498	2301	2304	2310	rBV	555	649	0.14%	0.018%
54	8.566	2323	2325	2328	rVB	457	219	0.05%	0.006%
55	8.765	2385	2387	2389	rBV	400	260	0.06%	0.007%
56	8.897	2416	2428	2449	rBV	223338	380175	83.48%	10.493%
57	9.087	2482	2487	2488	rBV	645	483	0.11%	0.013%
58	9.116	2493	2496	2498	rBV	493	355	0.08%	0.010%
59	9.572	2631	2638	2642	rBV	924	1405	0.31%	0.039%
60	9.617	2649	2652	2653	rBV2	599	385	0.08%	0.011%
61	10.264	2841	2853	2870	rBV	143266	235504	51.71%	6.500%
62	10.379	2886	2889	2891	rBV	526	315	0.07%	0.009%
63	10.852	3031	3036	3041	rBV3	686	824	0.18%	0.023%
64	11.299	3163	3175	3198	rVB	173061	304151	66.79%	8.395%
65	11.521	3241	3244	3248	rBB	871	626	0.14%	0.017%
66	11.556	3252	3255	3258	rBV	790	581	0.13%	0.016%
67	11.675	3279	3292	3310	rBV	182165	308519	67.75%	8.515%
68	11.910	3362	3365	3367	rBV	615	377	0.08%	0.010%
69	12.125	3427	3432	3435	rBV	877	985	0.22%	0.027%
70	12.337	3492	3498	3501	rBV	1056	1081	0.24%	0.030%
71	13.743	3932	3935	3937	rBV	542	389	0.09%	0.011%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Title : VOC Analysis

Sum of corrected areas: 3623186

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031919\
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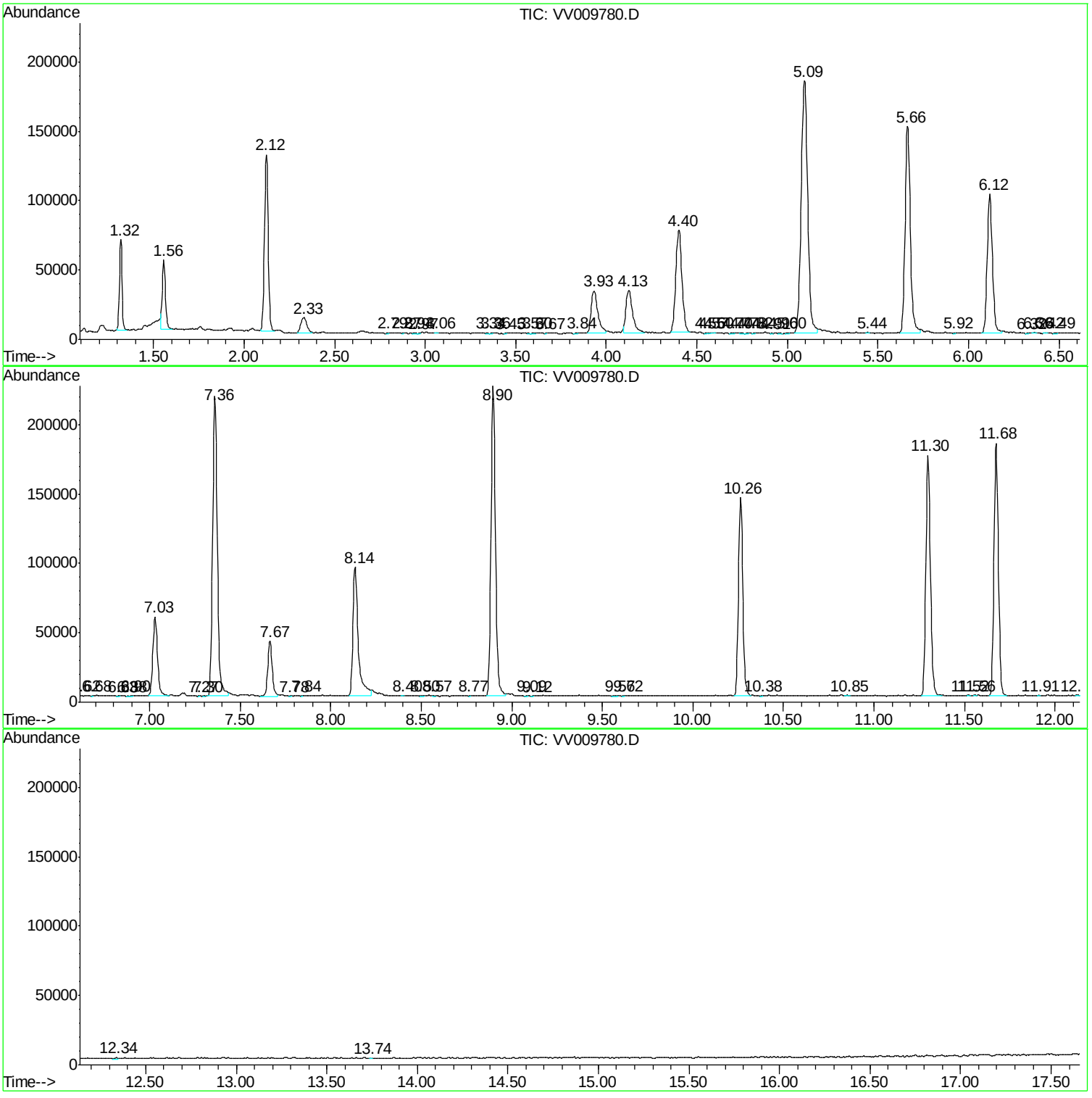
Sample : K1967-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09B6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.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_V\DATA\VV031919\
Data File : VV009780.D
Acq On : 19 Mar 2019 16:06
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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09B6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

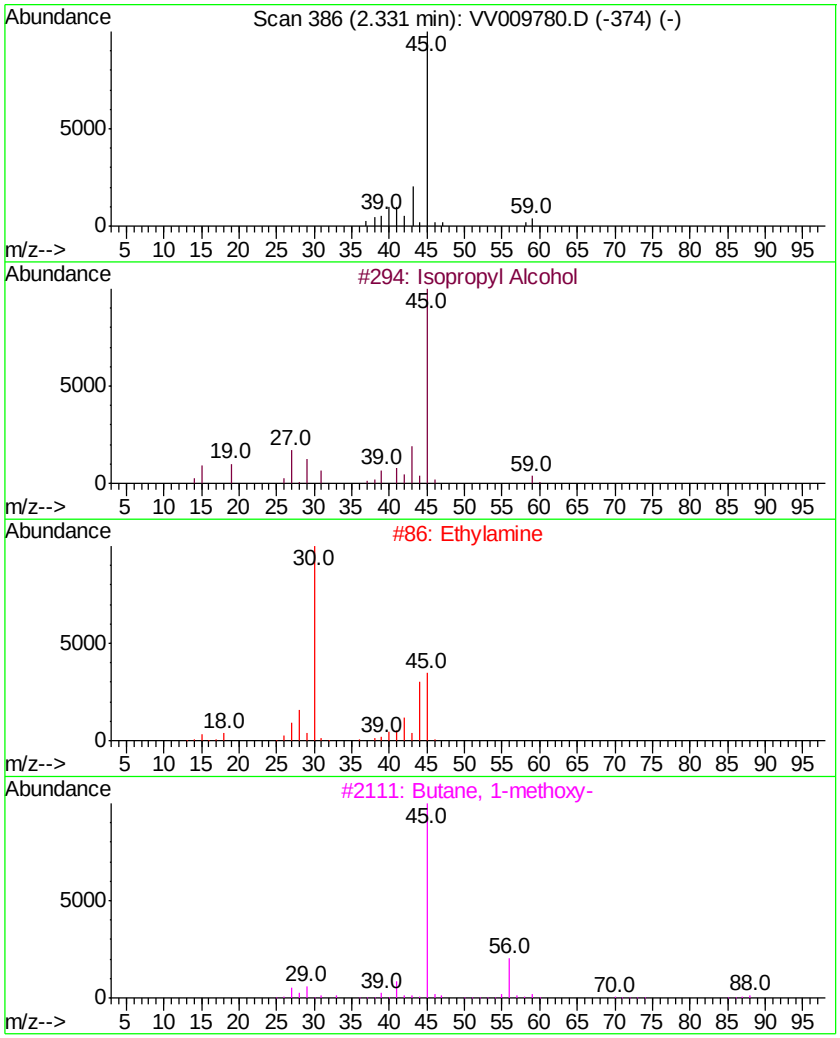
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

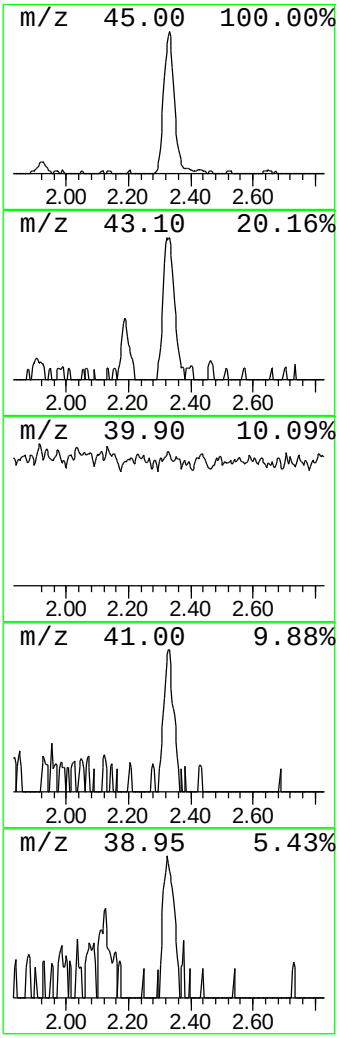
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	4.13 ug/L	24856	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
2	Ethylamine	45	C2H7N	000075-04-7	9
3	Butane, 1-methoxy-	88	C5H12O	000628-28-4	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Butane, 1-methoxy-	88	C5H12O	000628-28-4	9





Library Search Compound Report

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09B6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

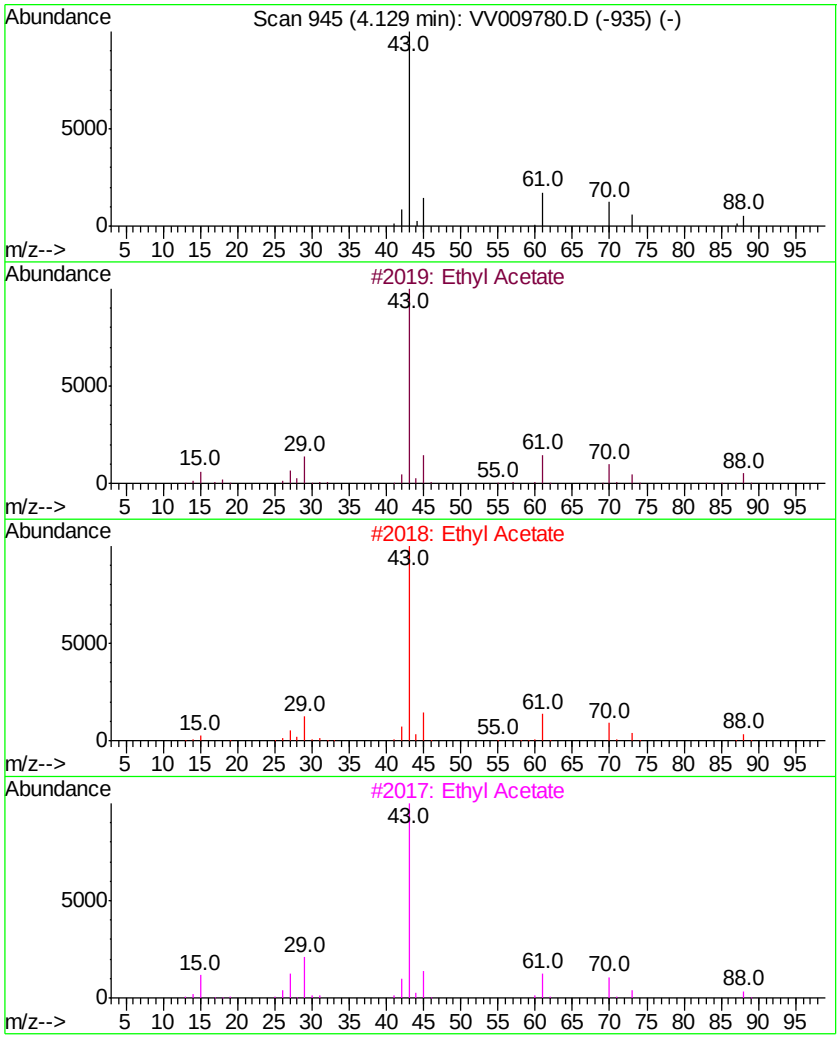
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

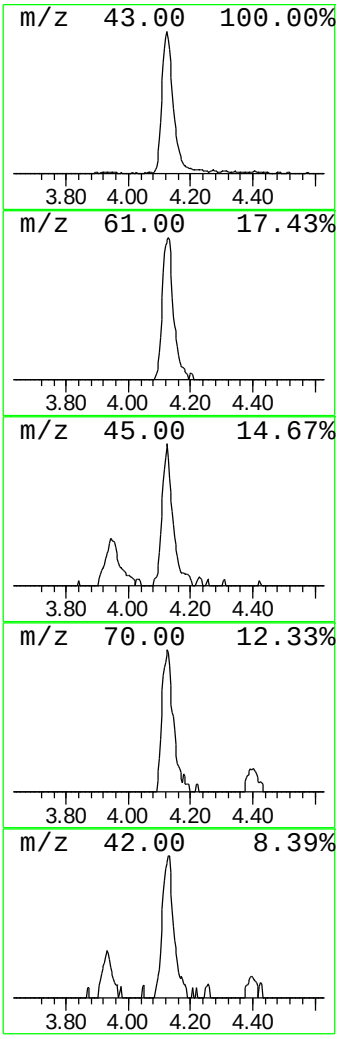
****

Peak Number 2 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	12.59 ug/L	75839	1,4-Difluorobenzene	5.66

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	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38





Tentatively Identified Compound (LSC) summary

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Acq On : 19 Mar 2019 16:06
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C09B6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.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
unknown-01	2.33	4.1	ug/L	24856	1	5.66	301124	50.0
Ethyl Acetate	4.13	12.6	ug/L	75839	1	5.66	301124	50.0