LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013871.D
Acq On : 31 Oct 2019 21:16
Operator : SY/VA
Sample : K5596-17
Misc : 3.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQB8

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_W\METHOD\SOM2WLM103119S.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	2.349	68	73	84	rVB	62847	120416	12.74%	1.678%
2	2.489	91	96	109	rBV	59899	161286	17.06%	2.247%
3	2.885	155	161	174	rVB2	41964	104008	11.00%	1.449%
4	3.306	227	230	233	rBV	403	492	0.05%	0.007%
5	3.385	235	243	244	rBV4	922	1738	0.18%	0.024%
6	3.720	295	298	300	rVB2	633	523	0.06%	0.007%
7	3.745	300	302	304	rBV3	486	425	0.04%	0.006%
8	3.830	314	316	319	rVB2	404	437	0.05%	0.006%
9	3.867	319	322	324	rBV2	293	305	0.03%	0.004%
10	4.025	335	348	358	rBV2	98926	328338	34.73%	4.575%
11	4.385	401	407	408	rBV2	3042	4592	0.49%	0.064%
12	4.672	446	454	463	rBV2	5396	15113	1.60%	0.211%
13	4.921	485	495	496	rBV2	5409	10469	1.11%	0.146%
14	5.104	521	525	527	rVB	308	372	0.04%	0.005%
15	5.129	527	529	530	rBV2	467	374	0.04%	0.005%
16	5.147	530	532	534	rBV2	470	372	0.04%	0.005%
17	5.306	557	558	560	rBV2	388	279	0.03%	0.004%
18	5.495	585	589	590	rBV	372	418	0.04%	0.006%
19	5.537	593	596	599	rBV2	295	432	0.05%	0.006%
20	5.574	601	602	605	rVV	338	324	0.03%	0.005%
21	5.745	626	630	631	rBV2	420	437	0.05%	0.006%
22	5.763	631	633	634	rBV	837	620	0.07%	0.009%
23	5.933	651	661	673	rVB4	6431	18461	1.95%	0.257%
24	6.098	681	688	689	rBV2	651	917	0.10%	0.013%
25	6.275	714	717	719	rBV2	257	314	0.03%	0.004%
26	6.348	726	729	732	rBV2	265	412	0.04%	0.006%
27	6.726	785	791	795	rBV2	252	458	0.05%	0.006%
28	6.897	811	819	832	rBV4	3657	12286	1.30%	0.171%
29	6.988	832	834	836	rBV2	605	522	0.06%	0.007%
30	7.074	840	848	859	rBV	48419	151165	15.99%	2.106%
31	7.250	872	877	889	rVB	14506	36437	3.85%	0.508%
32	7.482	913	915	919	rBV2	224	333	0.04%	0.005%
33	7.647	931	942	954	rBV	158304	383241	40.53%	5.340%
34	7.817	967	970	976	rVB2	299	647	0.07%	0.009%

LSC Area Percent Report

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Operator : SY/VA
Sample : K5596-17
Misc : 3.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQB8

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_W\METHOD\SOM2WLM103119S.M
Title : VOC Analysis

35	7.958	989	993	997	rVB4	736	965	0.10%	0.013%
36	8.275	1035	1045	1061	rBV2	303719	945475	100.00%	13.175%
37	8.476	1075	1078	1079	rBV2	356	362	0.04%	0.005%
38	8.512	1082	1084	1085	rVV	359	340	0.04%	0.005%
39	8.549	1085	1090	1098	rVB4	4583	9623	1.02%	0.134%
40	8.701	1109	1115	1124	rVB2	6309	13470	1.42%	0.188%
41	8.841	1129	1138	1151	rVV	284564	558368	59.06%	7.781%
42	8.933	1151	1153	1155	rVB	635	454	0.05%	0.006%
43	9.037	1164	1170	1174	rBV4	2881	6255	0.66%	0.087%
44	9.274	1201	1209	1218	rBV	223976	446005	47.17%	6.215%
45	9.408	1226	1231	1240	rVB2	5664	11602	1.23%	0.162%
46	9.543	1251	1253	1254	rBV2	372	296	0.03%	0.004%
47	9.652	1264	1271	1280	rVV5	5050	10999	1.16%	0.153%
48	9.793	1292	1294	1296	rVB	345	286	0.03%	0.004%
49	9.811	1296	1297	1300	rBV	272	325	0.03%	0.005%
50	9.963	1319	1322	1326	rBV3	328	452	0.05%	0.006%
51	10.030	1326	1333	1345	rBV	105477	191769	20.28%	2.672%
52	10.158	1347	1354	1361	rVV2	15531	30209	3.20%	0.421%
53	10.219	1361	1364	1365	rVV2	323	372	0.04%	0.005%
54	10.262	1369	1371	1373	rVB	371	396	0.04%	0.006%
55	10.323	1373	1381	1388	rBV	430131	752346	79.57%	10.484%
56	10.390	1388	1392	1401	rVB	7319	13255	1.40%	0.185%
57	10.506	1407	1411	1412	rBV2	376	444	0.05%	0.006%
58	10.579	1415	1423	1429	rBV	70686	127543	13.49%	1.777%
59	10.701	1436	1443	1450	rBV2	10951	19379	2.05%	0.270%
60	10.847	1465	1467	1471	rVV2	358	400	0.04%	0.006%
61	10.926	1473	1480	1494	rVV	190065	335370	35.47%	4.673%
62	11.073	1498	1504	1510	rVV3	12372	21977	2.32%	0.306%
63	11.225	1528	1529	1532	rVB2	370	276	0.03%	0.004%
64	11.256	1532	1534	1536	rVB	377	272	0.03%	0.004%
65	11.506	1574	1575	1578	rVB	388	304	0.03%	0.004%
66	11.628	1587	1595	1607	rBV	387377	655914	69.37%	9.140%
67	11.731	1607	1612	1616	rVB3	894	1738	0.18%	0.024%
68	11.835	1623	1629	1638	rBV6	8476	17741	1.88%	0.247%
69	11.902	1638	1640	1643	rVB2	494	402	0.04%	0.006%
70	11.932	1643	1645	1646	rBV	489	435	0.05%	0.006%
71	11.945	1646	1647	1654	rVB3	1053	1300	0.14%	0.018%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
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Acq On : 31 Oct 2019 21:16
Operator : SY/VA
Sample : K5596-17
Misc : 3.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQB8

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_W\METHOD\SOM2WLM103119S.M
Title : VOC Analysis

72	12.018	1657	1659	1662	rBV	498	658	0.07%	0.009%
73	12.170	1680	1684	1686	rBV3	704	915	0.10%	0.013%
74	12.237	1692	1695	1696	rBV2	542	469	0.05%	0.007%
75	12.341	1707	1712	1718	rVV5	4003	6064	0.64%	0.085%
76	12.390	1718	1720	1725	rVB	461	349	0.04%	0.005%
77	12.475	1731	1734	1737	rBV	371	387	0.04%	0.005%
78	12.560	1744	1748	1750	rBV2	411	646	0.07%	0.009%
79	12.609	1750	1756	1762	rVB	40242	63672	6.73%	0.887%
80	12.694	1763	1770	1777	rBV	223270	374775	39.64%	5.222%
81	12.932	1804	1809	1815	rVV4	1907	3416	0.36%	0.048%
82	13.054	1826	1829	1833	rVB2	748	953	0.10%	0.013%
83	13.091	1833	1835	1837	rBV	440	443	0.05%	0.006%
84	13.194	1849	1852	1854	rVB2	234	286	0.03%	0.004%
85	13.274	1859	1865	1871	rVV3	8448	15147	1.60%	0.211%
86	13.396	1878	1885	1891	rBV4	2846	4904	0.52%	0.068%
87	13.444	1891	1893	1894	rBV	421	292	0.03%	0.004%
88	13.560	1904	1912	1919	rBV	350961	569551	60.24%	7.937%
89	13.646	1922	1926	1934	rVV2	7335	12306	1.30%	0.171%
90	13.706	1934	1936	1939	rVB2	775	830	0.09%	0.012%
91	13.853	1951	1960	1968	rVV	298986	485632	51.36%	6.767%
92	14.072	1988	1996	2002	rVB2	33530	56201	5.94%	0.783%
93	14.158	2007	2010	2013	rBV2	693	900	0.10%	0.013%
94	14.328	2032	2038	2043	rVB4	2990	4748	0.50%	0.066%
95	14.371	2043	2045	2047	rBV	571	523	0.06%	0.007%
96	14.523	2065	2070	2077	rBV5	2006	3786	0.40%	0.053%
97	14.615	2083	2085	2088	rBV2	534	722	0.08%	0.010%
98	15.493	2223	2229	2237	rBV	17913	32609	3.45%	0.454%
99	15.633	2250	2252	2255	rBV2	698	575	0.06%	0.008%
100	16.243	2350	2352	2354	rBV3	741	409	0.04%	0.006%

Sum of corrected areas: 7176250

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
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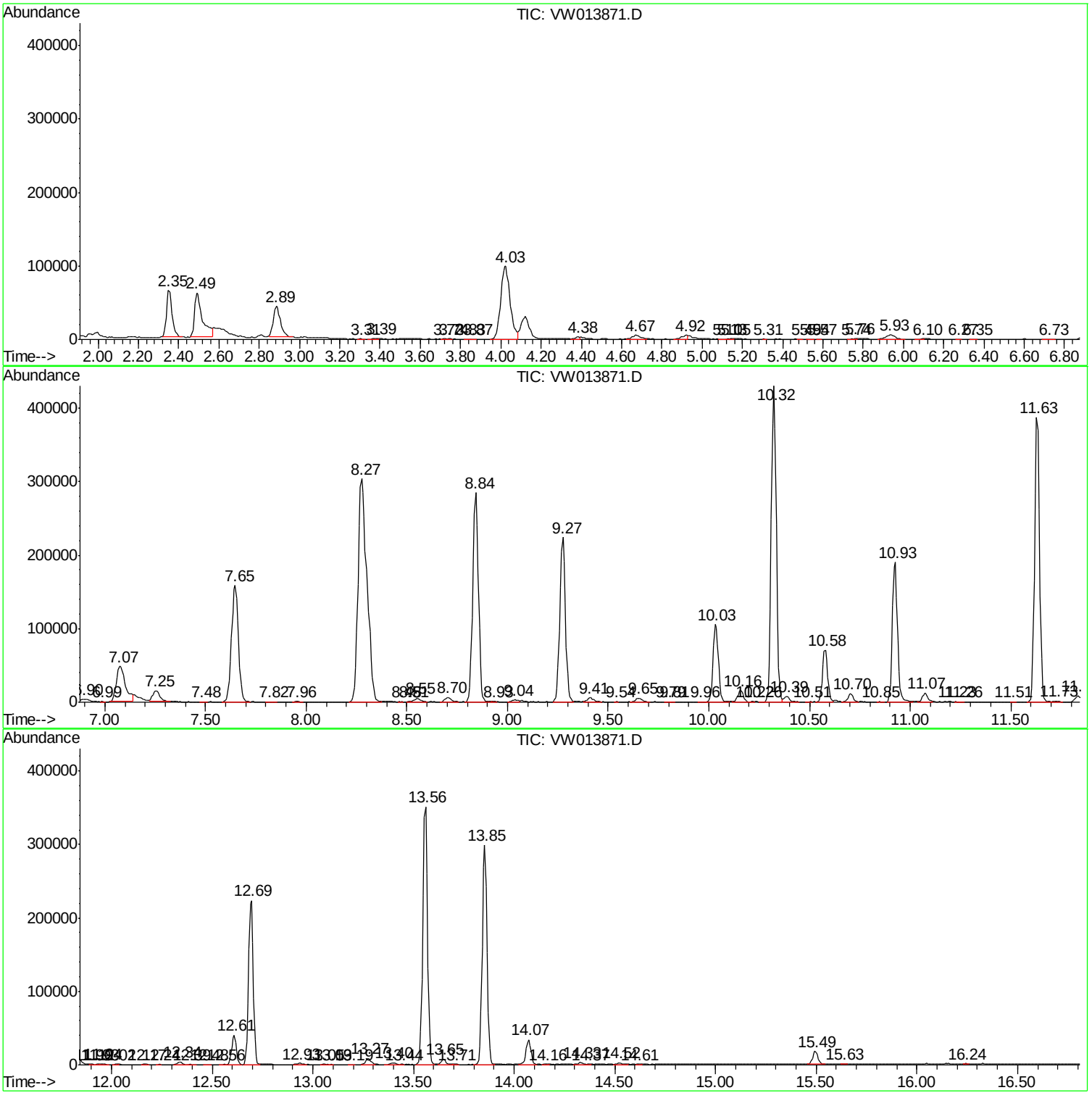
Acq On : 31 Oct 2019 21:16
Operator : SY/VA
Sample : K5596-17
Misc : 3.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013871.D
Acq On : 31 Oct 2019 21:16
Operator : SY/VA
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Instrument : MSVOA_W
ClientSampleId : GAQB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis

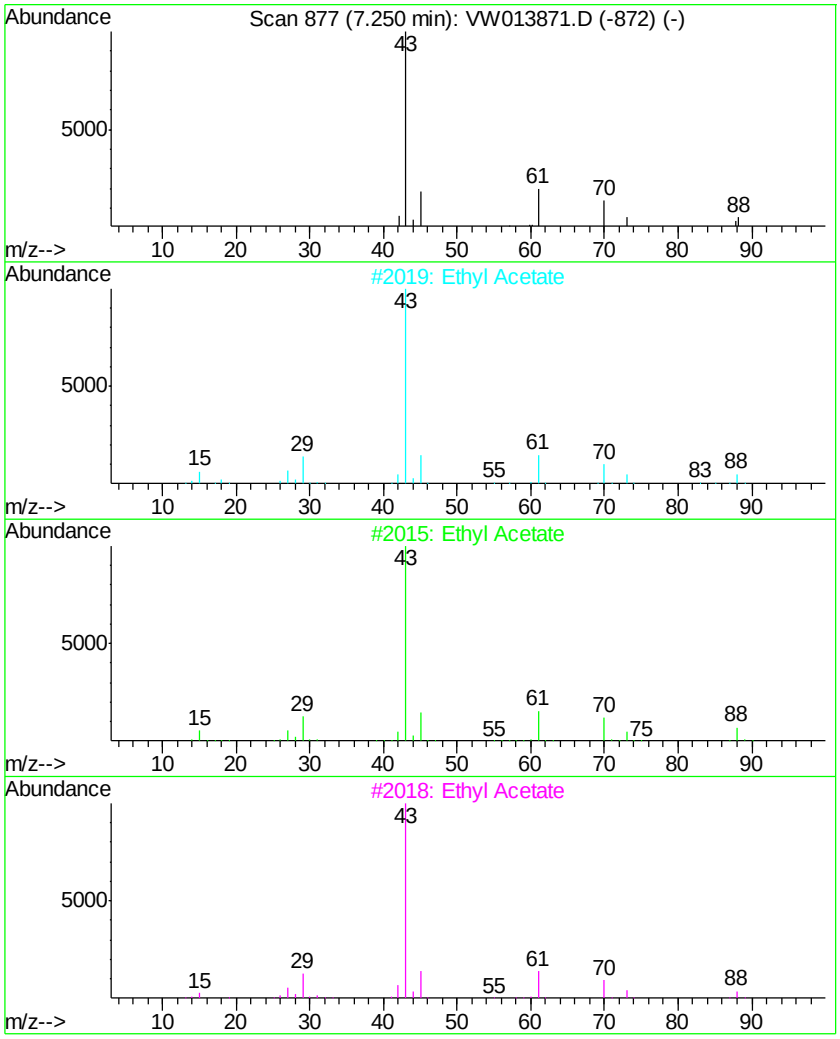
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

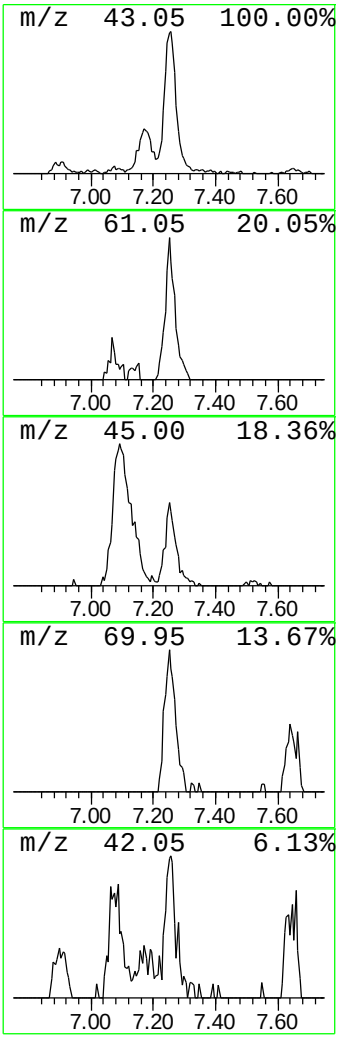
****

Peak Number 2 Ethyl Acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	1.63 ug/L	36437	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2	Ethyl Acetate	88	C4H8O2	000141-78-6	86
3	Ethyl Acetate	88	C4H8O2	000141-78-6	83
4	Ethyl Acetate	88	C4H8O2	000141-78-6	53
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013871.D
Acq On : 31 Oct 2019 21:16
Operator : SY/VA
Sample : K5596-17
Misc : 3.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQB8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis

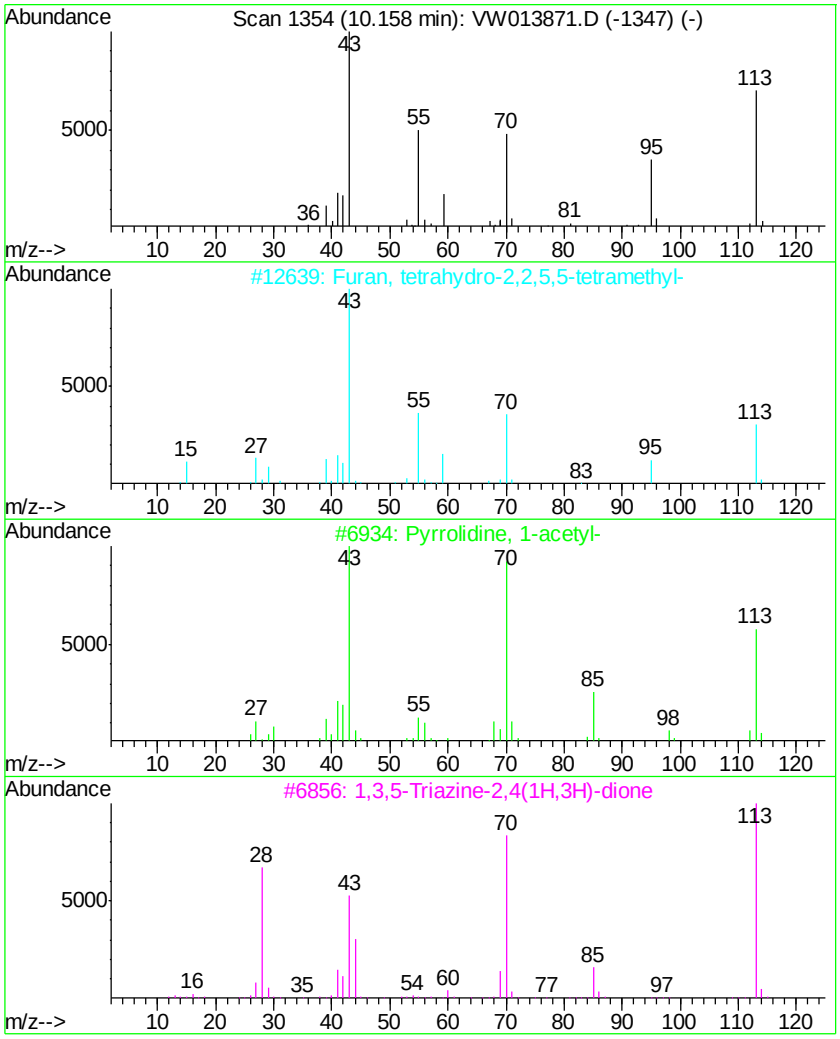
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

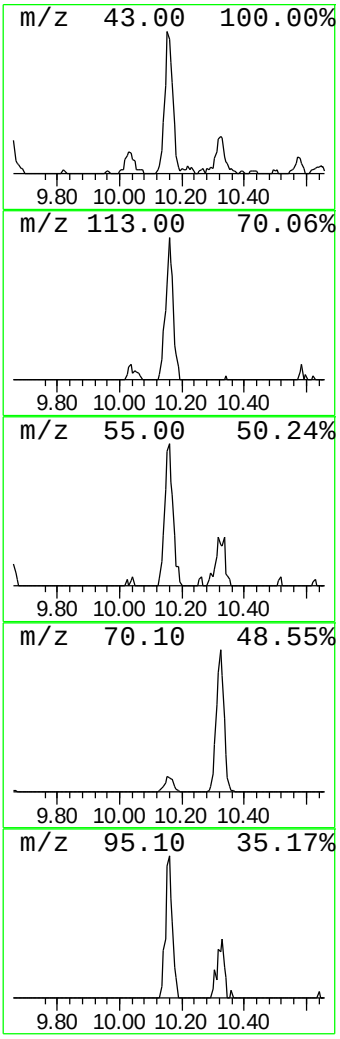
****

Peak Number 4 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	1.35 ug/L	30209	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2,2,5,5-tetram...	128	C8H16O	015045-43-9	74
2	Pyrrolidine, 1-acetyl-	113	C6H11NO	004030-18-6	53
3	1,3,5-Triazine-2,4(1H,3H)-dione	113	C3H3N3O2	000071-33-0	53
4	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	53
5	4-Piperidinone, 1-methyl-	113	C6H11NO	001445-73-4	50





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
Ethyl Acetate	7.25	1.6	ug/L	36437	1	8.84	558368	25.0
Furan, tetrahydro...	10.16	1.4	ug/L	30209	1	8.84	558368	25.0