LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002788.D
Acq On : 22 May 2018 16:46
Operator : JC/SY
Sample : J2959-01RE
Misc : 5.88G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.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	1.745	19	26	28	rVV	10016	18474	0.36%	0.148%
2	1.806	28	36	57	rVV	2476594	5197527	100.00%	41.752%
3	1.959	58	61	68	rVB2	4383	9094	0.17%	0.073%
4	2.160	89	94	100	rBV3	6287	16953	0.33%	0.136%
5	2.343	119	124	138	rVB	87050	161072	3.10%	1.294%
6	2.885	206	213	226	rVB	58125	156324	3.01%	1.256%
7	3.830	365	368	369	rBV3	854	975	0.02%	0.008%
8	4.001	386	396	409	rBV	99450	340424	6.55%	2.735%
9	4.227	432	433	435	rVB2	1043	697	0.01%	0.006%
10	4.257	435	438	442	rBV5	575	912	0.02%	0.007%
11	4.349	451	453	455	rBV3	677	535	0.01%	0.004%
12	4.373	455	457	458	rBV2	871	686	0.01%	0.006%
13	4.397	458	461	462	rBV3	844	908	0.02%	0.007%
14	4.769	520	522	525	rVB4	796	845	0.02%	0.007%
15	4.909	536	545	557	rVV7	4009	16865	0.32%	0.135%
16	5.044	566	567	570	rVB2	824	591	0.01%	0.005%
17	5.080	570	573	574	rBV2	605	728	0.01%	0.006%
18	5.111	576	578	581	rVB3	1024	889	0.02%	0.007%
19	5.147	581	584	586	rBV4	623	615	0.01%	0.005%
20	5.397	622	625	628	rBV2	822	1161	0.02%	0.009%
21	5.446	631	633	636	rVB2	749	771	0.01%	0.006%
22	5.476	636	638	641	rBV3	620	693	0.01%	0.006%
23	5.562	648	652	653	rBV2	545	549	0.01%	0.004%
24	5.696	672	674	675	rBV2	854	665	0.01%	0.005%
25	5.775	686	687	691	rBV2	668	746	0.01%	0.006%
26	5.922	702	711	712	rBV4	3094	5996	0.12%	0.048%
27	6.123	741	744	746	rVB3	944	1006	0.02%	0.008%
28	6.220	758	760	764	rVB3	693	610	0.01%	0.005%
29	6.263	764	767	768	rBV2	661	693	0.01%	0.006%
30	6.757	846	848	853	rVB4	539	830	0.02%	0.007%
31	6.854	860	864	866	rVB3	636	999	0.02%	0.008%
32	6.982	879	885	889	rVB6	837	1723	0.03%	0.014%
33	7.080	892	901	908	rBV	40545	115542	2.22%	0.928%
34	7.287	933	935	937	rVB2	905	579	0.01%	0.005%

LSC Area Percent Report

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Operator : JC/SY
Sample : J2959-01RE
Misc : 5.88G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Title : VOC Analysis

35	7.348	940	945	946	rBV3	449	677	0.01%	0.005%
36	7.494	967	969	972	rBV4	961	1181	0.02%	0.009%
37	7.647	983	994	1007	rBV	180313	442316	8.51%	3.553%
38	7.848	1024	1027	1029	rBV3	635	624	0.01%	0.005%
39	7.958	1044	1045	1050	rVB3	757	893	0.02%	0.007%
40	8.147	1073	1076	1078	rVV3	579	658	0.01%	0.005%
41	8.275	1086	1097	1114	rVV2	334784	1029572	19.81%	8.271%
42	8.506	1131	1135	1136	rBV4	633	819	0.02%	0.007%
43	8.665	1159	1161	1163	rBV3	589	535	0.01%	0.004%
44	8.695	1163	1166	1169	rVV4	1464	1702	0.03%	0.014%
45	8.848	1182	1191	1201	rVV	353274	705570	13.58%	5.668%
46	9.037	1219	1222	1225	rBV3	1934	3427	0.07%	0.028%
47	9.092	1228	1231	1237	rVB7	2908	4851	0.09%	0.039%
48	9.281	1252	1262	1270	rBV	241260	491460	9.46%	3.948%
49	9.604	1313	1315	1316	rVB2	904	646	0.01%	0.005%
50	9.653	1319	1323	1324	rBV3	688	1030	0.02%	0.008%
51	9.665	1324	1325	1328	rVB2	1011	620	0.01%	0.005%
52	9.738	1334	1337	1338	rBV3	672	626	0.01%	0.005%
53	9.762	1338	1341	1342	rBV3	1049	1010	0.02%	0.008%
54	10.037	1380	1386	1394	rBV	121808	222446	4.28%	1.787%
55	10.207	1412	1414	1415	rBV2	1085	592	0.01%	0.005%
56	10.329	1425	1434	1441	rBV	470522	824203	15.86%	6.621%
57	10.390	1441	1444	1455	rVB2	9460	17320	0.33%	0.139%
58	10.463	1455	1456	1459	rBV3	877	855	0.02%	0.007%
59	10.506	1461	1463	1467	rVB5	1241	1225	0.02%	0.010%
60	10.585	1469	1476	1483	rVV	76612	134660	2.59%	1.082%
61	10.683	1489	1492	1493	rBV3	1089	1524	0.03%	0.012%
62	10.713	1494	1497	1502	rVB3	3839	5610	0.11%	0.045%
63	10.933	1527	1533	1547	rBV	160846	268424	5.16%	2.156%
64	11.073	1551	1556	1565	rBV3	11119	20094	0.39%	0.161%
65	11.640	1642	1649	1660	rVB	432182	737561	14.19%	5.925%
66	11.841	1679	1682	1690	rVB3	4747	8161	0.16%	0.066%
67	11.969	1701	1703	1704	rBV2	1058	618	0.01%	0.005%
68	12.006	1707	1709	1710	rBV2	1003	827	0.02%	0.007%
69	12.189	1734	1739	1747	rVB10	3936	8891	0.17%	0.071%
70	12.426	1774	1778	1780	rBV4	705	1222	0.02%	0.010%
71	12.481	1783	1787	1789	rVV5	2047	2676	0.05%	0.021%

LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
Data File : VW002788.D
Acq On : 22 May 2018 16:46
Operator : JC/SY
Sample : J2959-01RE
Misc : 5.88G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Title : VOC Analysis

72	12.622	1806	1810	1815	rVB3	5248	8488	0.16%	0.068%
73	12.701	1816	1823	1836	rVB	199986	326440	6.28%	2.622%
74	12.884	1848	1853	1857	rBV6	973	2411	0.05%	0.019%
75	12.945	1859	1863	1868	rVB4	3671	5844	0.11%	0.047%
76	13.176	1899	1901	1903	rBV3	1088	1054	0.02%	0.008%
77	13.207	1904	1906	1909	rVB4	1215	1223	0.02%	0.010%
78	13.310	1921	1923	1929	rVB6	1934	2558	0.05%	0.021%
79	13.359	1929	1931	1935	rBV5	813	985	0.02%	0.008%
80	13.420	1935	1941	1946	rBV8	2594	5451	0.10%	0.044%
81	13.566	1959	1965	1972	rBV	305259	496505	9.55%	3.988%
82	13.865	2007	2014	2021	rBV	296171	476461	9.17%	3.827%
83	14.091	2046	2051	2063	rVB7	4162	10020	0.19%	0.080%
84	14.237	2067	2075	2084	rBV10	10442	38420	0.74%	0.309%
85	14.621	2131	2138	2139	rBV5	2281	5213	0.10%	0.042%
86	14.902	2182	2184	2186	rBV2	1367	1658	0.03%	0.013%
87	14.999	2198	2200	2201	rVB	1340	748	0.01%	0.006%
88	15.097	2214	2216	2217	rBV	1017	646	0.01%	0.005%
89	15.261	2242	2243	2244	rBV	1232	706	0.01%	0.006%
90	15.383	2261	2263	2264	rBV2	1470	1200	0.02%	0.010%
91	15.456	2271	2275	2281	rVB2	7870	12006	0.23%	0.096%
92	15.968	2357	2359	2361	rVB3	911	650	0.01%	0.005%
93	15.987	2361	2362	2367	rBV6	898	1020	0.02%	0.008%
94	16.054	2372	2373	2375	rBV2	914	679	0.01%	0.005%
95	16.121	2380	2384	2385	rBV4	1714	2306	0.04%	0.019%
96	16.304	2409	2414	2418	rBV8	1764	3415	0.07%	0.027%
97	16.444	2427	2437	2449	rBV3	10247	36928	0.71%	0.297%
98	16.578	2457	2459	2462	rBV4	1263	1411	0.03%	0.011%
99	16.633	2466	2468	2470	rBV3	948	794	0.02%	0.006%
100	16.724	2481	2483	2485	rBV2	736	591	0.01%	0.005%

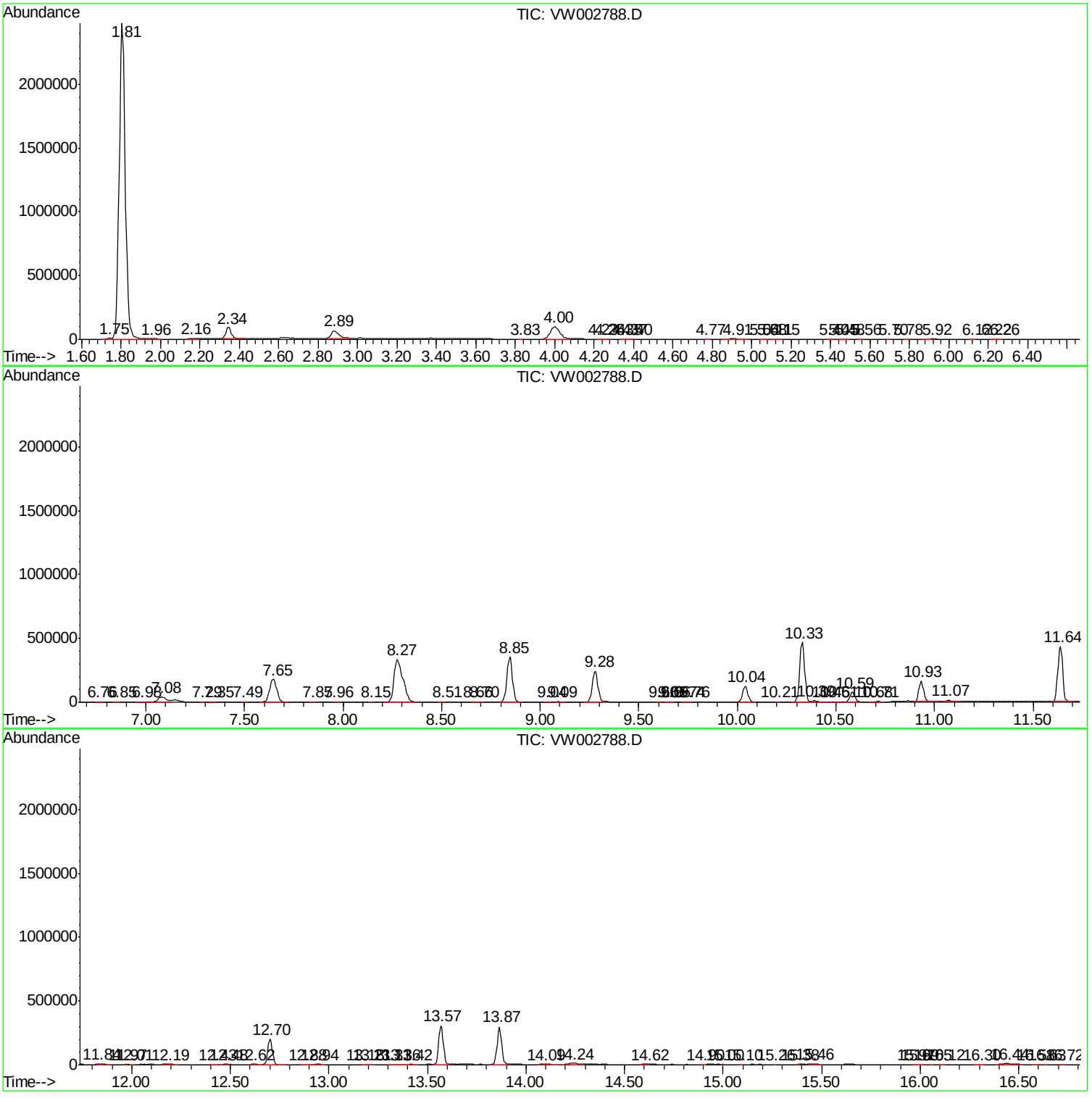
Sum of corrected areas: 12448634

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002788.D
Acq On : 22 May 2018 16:46
Operator : JC/SY
Sample : J2959-01RE
Misc : 5.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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



Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002788.D
Acq On : 22 May 2018 16:46
Operator : JC/SY
Sample : J2959-01RE
Misc : 5.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

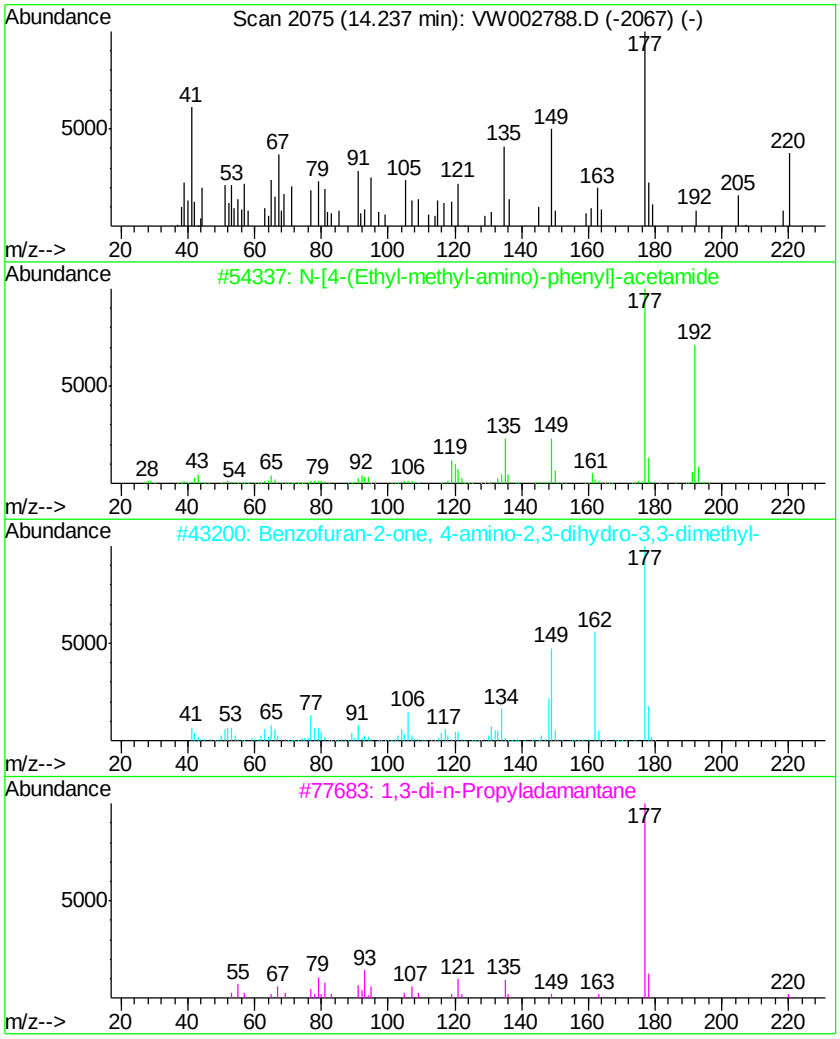
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

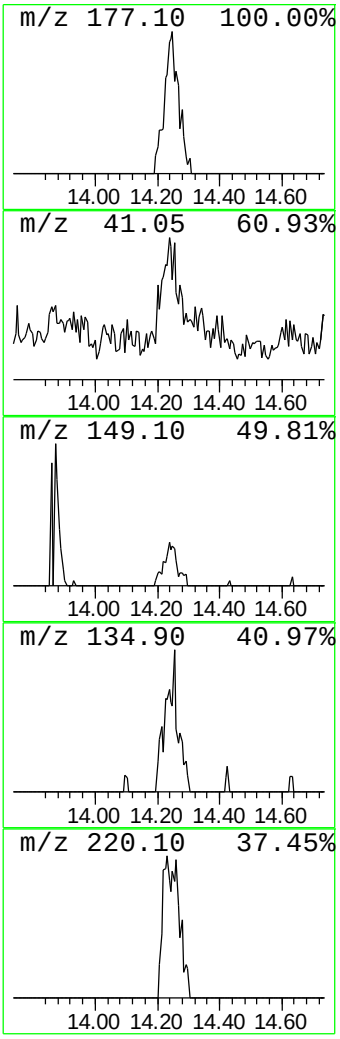
****

Peak Number 3 N-[4-(Ethyl-methyl-amino)-p... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	1.93 ug/L	38420	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-[4-(Ethyl-methyl-amino)-phenyl...	192	C11H16N2O	099981-45-0	50
2	Benzofuran-2-one, 4-amino-2,3-di...	177	C10H11NO2	1000129-51-7	46
3	1,3-di-n-Propyladamantane	220	C16H28	040002-47-9	35
4	5-Amino-1,4-dihydro-quinoxaline-...	177	C8H7N3O2	076097-87-5	35
5	Propanamine, 2-(1-adamantyl)-2-m...	207	C14H25N	079594-24-4	32





Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
Data File : VW002788.D
Acq On : 22 May 2018 16:46
Operator : JC/SY
Sample : J2959-01RE
Misc : 5.88G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

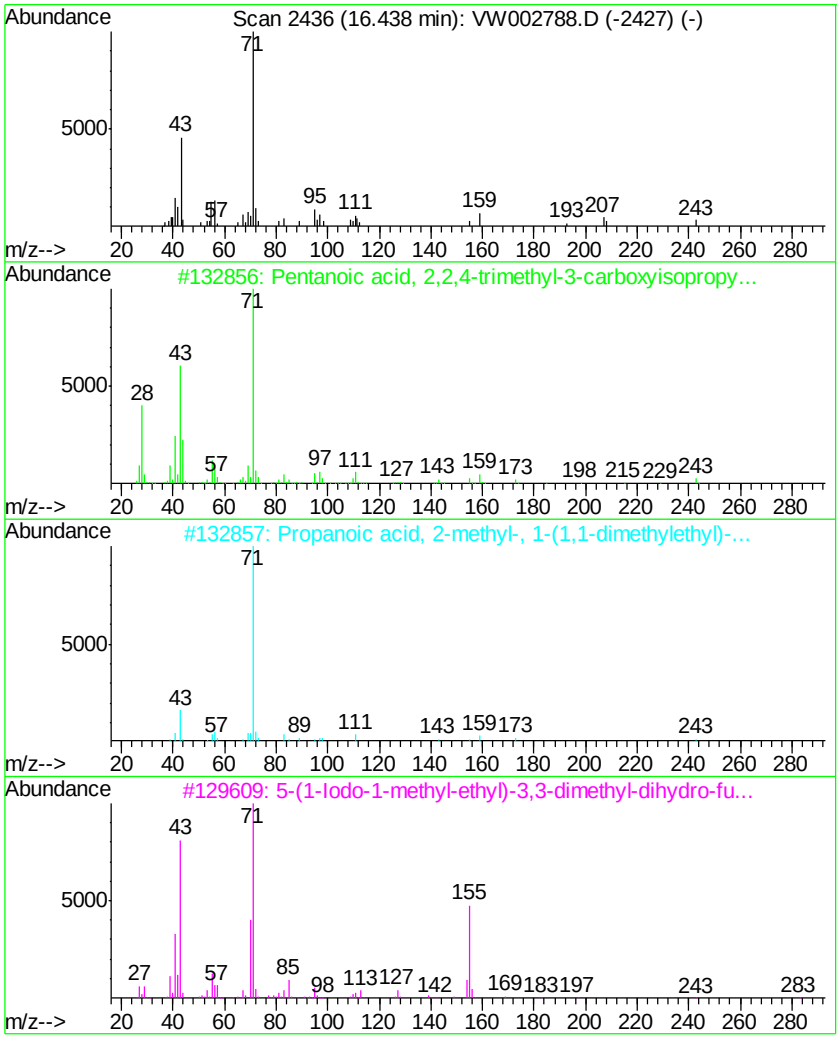
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

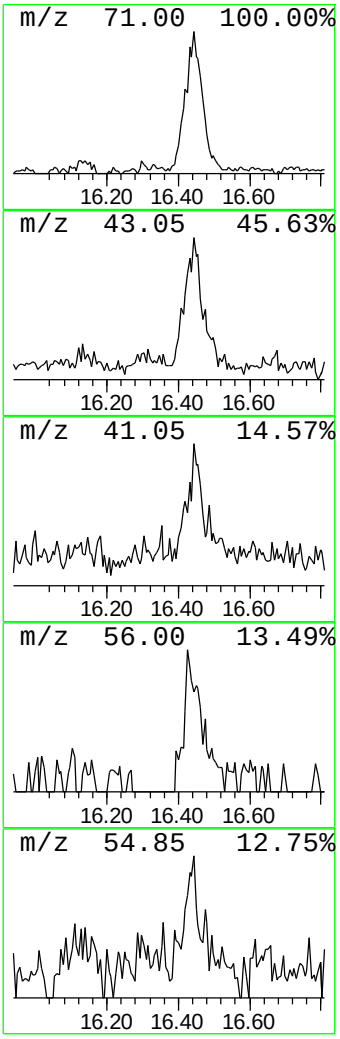
****

Peak Number 4 Pentanoic acid, 2,2,4-trime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	1.86 ug/L	36928	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2,2,4-trimethyl-...	286	C16H30O4	1000140-77-5	72
2	Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	59
3	5-(1-Iodo-1-methyl-ethyl)-3,3-di...	282	C9H15IO2	1000190-61-9	45
4	Cyclohexanol, 2,2-dichloro-1-met...	182	C7H12Cl2O	1000115-65-2	42
5	2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	40





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW052218\
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Acq On : 22 May 2018 16:46
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Sample : J2959-01RE
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ALS Vial : 1 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.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
N-[4-(Ethyl-methy...	14.24	1.9	ug/L	38420	3	13.57	496505	25.0
Pentanoic acid, 2...	16.44	1.9	ug/L	36928	3	13.57	496505	25.0