LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013882.D
Acq On : 01 Nov 2019 05:36
Operator : SY/VA
Sample : K5552-15
Misc : 5.32G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC8

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	2.355	68	74	87	rVB	101011	194765	14.69%	2.250%
2	2.495	92	97	104	rBV	13543	30199	2.28%	0.349%
3	2.885	155	161	175	rVB	73047	169935	12.82%	1.963%
4	3.477	253	258	259	rBV2	486	731	0.06%	0.008%
5	3.690	287	293	299	rVB3	796	1653	0.12%	0.019%
6	3.739	299	301	305	rVB2	638	556	0.04%	0.006%
7	3.849	317	319	321	rBV	263	263	0.02%	0.003%
8	3.891	325	326	331	rBV2	190	263	0.02%	0.003%
9	4.025	336	348	359	rBV	152636	482854	36.42%	5.577%
10	4.257	384	386	389	rVB3	647	580	0.04%	0.007%
11	4.385	398	407	416	rBV4	4048	11679	0.88%	0.135%
12	4.470	420	421	425	rVB3	502	467	0.04%	0.005%
13	4.659	449	452	454	rVV2	343	384	0.03%	0.004%
14	4.702	457	459	461	rBV2	372	404	0.03%	0.005%
15	4.763	466	469	470	rBV	250	262	0.02%	0.003%
16	4.915	484	494	513	rVV3	14477	58224	4.39%	0.673%
17	5.098	521	524	526	rBV	304	300	0.02%	0.003%
18	5.312	557	559	562	rVB2	279	245	0.02%	0.003%
19	5.373	566	569	570	rBV	332	321	0.02%	0.004%
20	5.513	586	592	593	rBV2	425	513	0.04%	0.006%
21	5.623	605	610	611	rBV2	285	313	0.02%	0.004%
22	5.684	617	620	622	rBV	191	261	0.02%	0.003%
23	5.775	631	635	636	rBV3	698	938	0.07%	0.011%
24	5.909	655	657	658	rBV2	1052	1038	0.08%	0.012%
25	6.049	676	680	682	rVB2	286	357	0.03%	0.004%
26	6.086	682	686	687	rBV2	263	350	0.03%	0.004%
27	6.098	687	688	694	rVB3	324	432	0.03%	0.005%
28	6.257	711	714	715	rBV	316	313	0.02%	0.004%
29	6.482	749	751	753	rVB	344	281	0.02%	0.003%
30	6.629	772	775	778	rBV2	165	274	0.02%	0.003%
31	6.879	814	816	817	rBV	398	271	0.02%	0.003%
32	6.897	817	819	820	rBV2	421	288	0.02%	0.003%
33	6.958	826	829	833	rVB2	471	669	0.05%	0.008%
34	6.988	833	834	838	rBV2	494	567	0.04%	0.007%

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Misc : 5.32G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC8

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	7.074	838	848	856	rBV	40595	117527	8.87%	1.357%
36	7.250	870	877	893	rVB2	26919	66347	5.00%	0.766%
37	7.427	904	906	907	rBV	341	243	0.02%	0.003%
38	7.519	919	921	923	rBV	400	336	0.03%	0.004%
39	7.647	931	942	953	rBV	223757	560539	42.28%	6.475%
40	7.836	970	973	976	rBV	228	408	0.03%	0.005%
41	7.927	985	988	989	rBV2	298	381	0.03%	0.004%
42	7.952	989	992	997	rVV5	756	1112	0.08%	0.013%
43	8.012	1001	1002	1007	rBV	298	365	0.03%	0.004%
44	8.275	1034	1045	1062	rBV2	443040	1325661	100.00%	15.312%
45	8.549	1085	1090	1097	rVB4	1613	3586	0.27%	0.041%
46	8.622	1101	1102	1107	rVB	211	254	0.02%	0.003%
47	8.701	1110	1115	1121	rVB5	956	2255	0.17%	0.026%
48	8.842	1129	1138	1151	rBV	289858	563421	42.50%	6.508%
49	9.031	1163	1169	1174	rBV4	2258	5420	0.41%	0.063%
50	9.146	1185	1188	1190	rVB2	233	279	0.02%	0.003%
51	9.165	1190	1191	1194	rVB2	340	254	0.02%	0.003%
52	9.195	1194	1196	1199	rBV2	237	279	0.02%	0.003%
53	9.274	1199	1209	1221	rBV	309147	632019	47.68%	7.300%
54	9.457	1237	1239	1240	rBV2	267	246	0.02%	0.003%
55	9.591	1259	1261	1263	rBV	429	269	0.02%	0.003%
56	9.652	1268	1271	1272	rBV2	1033	835	0.06%	0.010%
57	10.030	1325	1333	1346	rBV	138064	257567	19.43%	2.975%
58	10.165	1349	1355	1361	rVB5	1730	3814	0.29%	0.044%
59	10.323	1372	1381	1389	rBV	579599	1010136	76.20%	11.668%
60	10.506	1406	1411	1415	rBV3	1102	1635	0.12%	0.019%
61	10.579	1415	1423	1435	rVV	83493	148235	11.18%	1.712%
62	10.707	1435	1444	1452	rVB	26057	47074	3.55%	0.544%
63	10.860	1467	1469	1473	rBV2	444	410	0.03%	0.005%
64	10.927	1473	1480	1487	rBV	149660	257750	19.44%	2.977%
65	11.073	1500	1504	1512	rVB5	2175	3918	0.30%	0.045%
66	11.128	1512	1513	1516	rBV	419	400	0.03%	0.005%
67	11.292	1537	1540	1541	rBV	395	328	0.02%	0.004%
68	11.469	1568	1569	1572	rBV2	330	249	0.02%	0.003%
69	11.628	1587	1595	1604	rVV	320171	559892	42.23%	6.467%
70	11.725	1609	1611	1612	rBV2	731	585	0.04%	0.007%
71	11.841	1621	1630	1634	rBV4	1885	3927	0.30%	0.045%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : GAQC8

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	12.121	1672	1676	1678	rBV	227	370	0.03%	0.004%
73	12.170	1682	1684	1688	rVB3	403	517	0.04%	0.006%
74	12.280	1698	1702	1703	rBV	301	341	0.03%	0.004%
75	12.323	1706	1709	1710	rBV2	215	257	0.02%	0.003%
76	12.353	1710	1714	1716	rVV	472	391	0.03%	0.005%
77	12.402	1720	1722	1725	rVB	461	323	0.02%	0.004%
78	12.469	1729	1733	1735	rBV3	380	464	0.04%	0.005%
79	12.609	1748	1756	1763	rBV	515412	827384	62.41%	9.557%
80	12.695	1763	1770	1777	rVV	200341	336138	25.36%	3.883%
81	12.853	1792	1796	1798	rBV	408	526	0.04%	0.006%
82	13.152	1843	1845	1848	rBV2	279	260	0.02%	0.003%
83	13.237	1855	1859	1864	rBV4	639	1431	0.11%	0.017%
84	13.475	1894	1898	1899	rVB2	379	379	0.03%	0.004%
85	13.505	1900	1903	1905	rVV2	327	384	0.03%	0.004%
86	13.560	1905	1912	1920	rVV	212800	347060	26.18%	4.009%
87	13.646	1922	1926	1933	rVB4	4193	7341	0.55%	0.085%
88	13.853	1953	1960	1967	rVB	249003	412328	31.10%	4.763%
89	13.969	1975	1979	1981	rBV	376	480	0.04%	0.006%
90	14.072	1987	1996	2003	rVV	102643	166053	12.53%	1.918%
91	14.164	2010	2011	2013	rVB	515	262	0.02%	0.003%
92	14.194	2013	2016	2019	rBV2	399	588	0.04%	0.007%
93	14.487	2061	2064	2067	rBV3	495	547	0.04%	0.006%
94	14.615	2083	2085	2087	rBV2	397	362	0.03%	0.004%
95	14.639	2087	2089	2091	rVV2	442	336	0.03%	0.004%
96	14.688	2096	2097	2099	rBV2	375	311	0.02%	0.004%
97	14.956	2139	2141	2144	rBV	781	946	0.07%	0.011%
98	15.194	2177	2180	2184	rBV5	816	1221	0.09%	0.014%
99	15.493	2224	2229	2235	rVB	6499	11040	0.83%	0.128%
100	16.267	2355	2356	2359	rBV2	830	688	0.05%	0.008%

Sum of corrected areas: 8657634

LSC Report - Integrated Chromatogram

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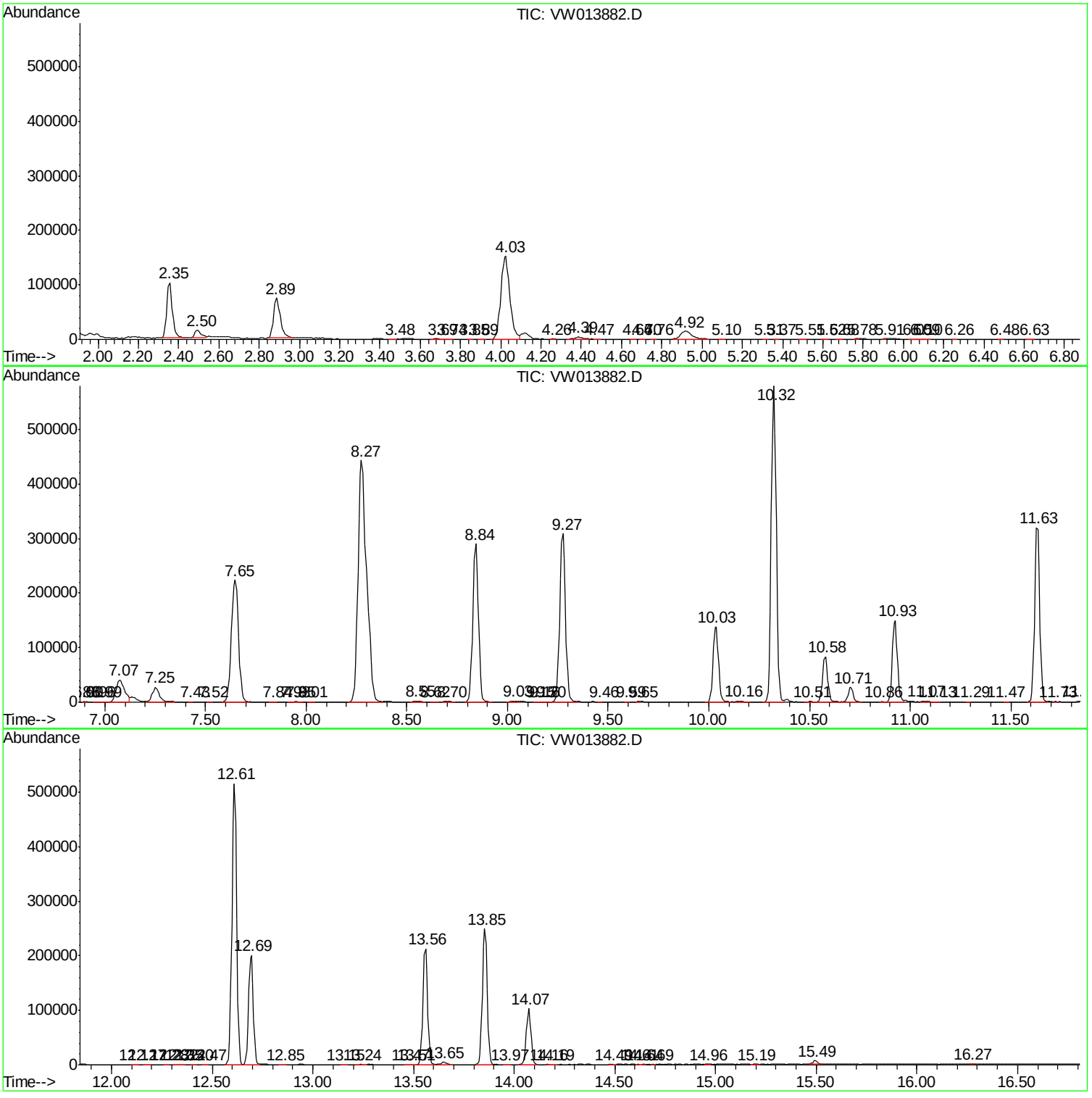
Instrument : MSVOA_W
ClientSampleId : GAQC8

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013882.D
Acq On : 01 Nov 2019 05:36
Operator : SY/VA
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Instrument : MSVOA_W
ClientSampleId : GAQC8

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

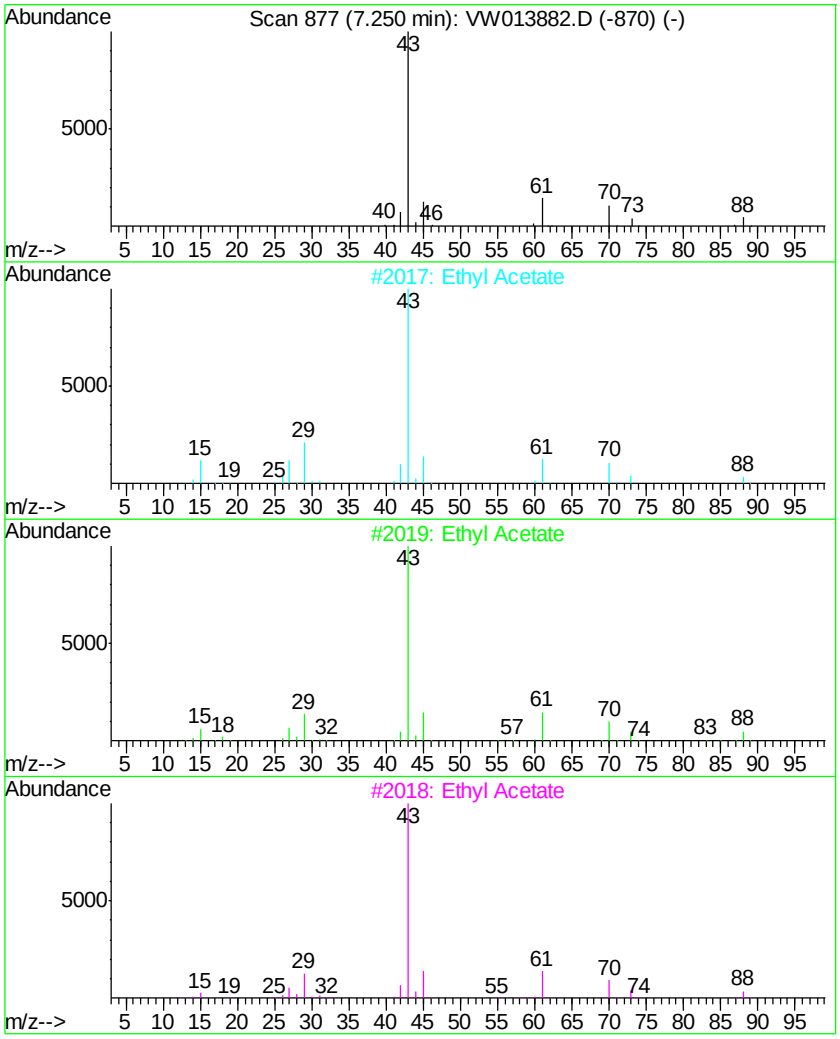
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

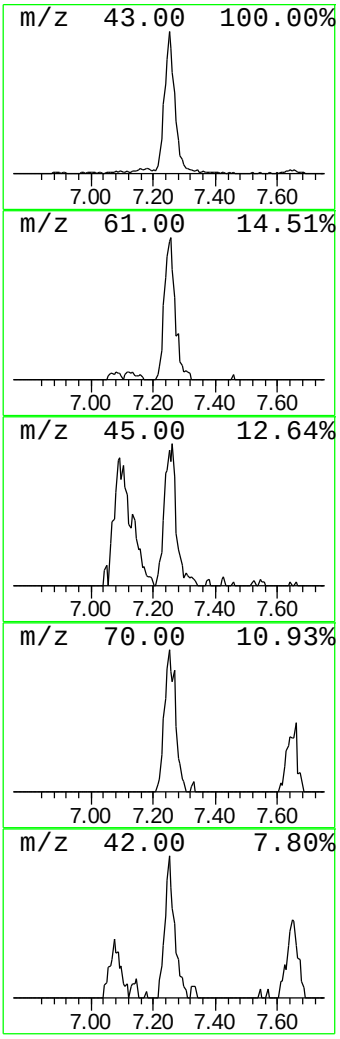
****

Peak Number 2 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	2.94 ug/L	66347	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	86
4	Ethyl Acetate	88	C4H8O2	000141-78-6	78
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	37





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

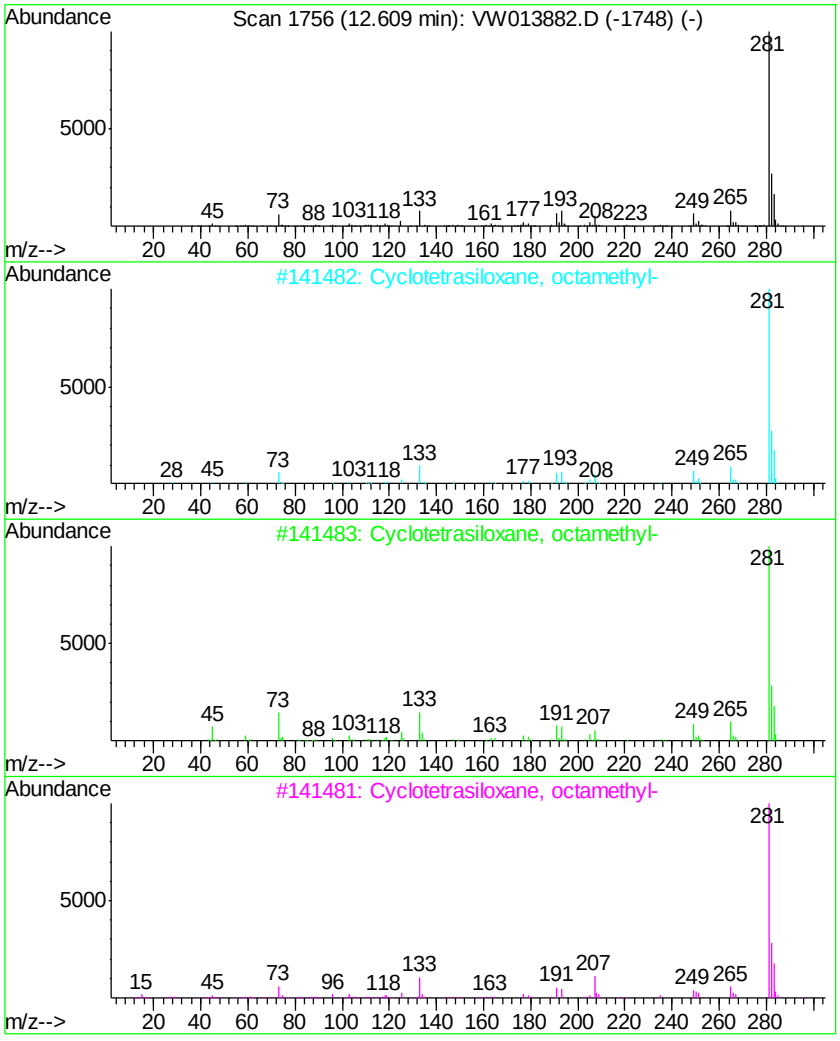
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

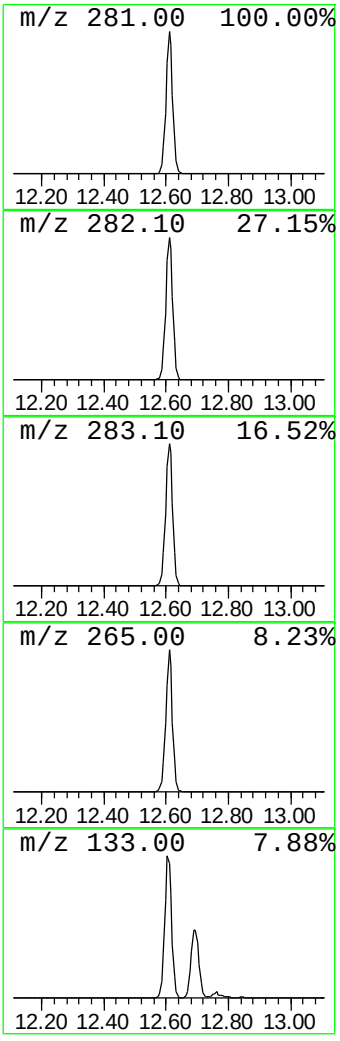
****

Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	59.60 ug/L	827384	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
4	trans-4-(2-(5-Nitro-2-furyl)viny...	281	C15H11N3O3	000847-10-9	59
5	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	59





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	2.9	ug/L	66347	1	8.84	563421	25.0
Cyclotetrasiloxan...	12.61	59.6	ug/L	827384	3	13.56	347060	25.0