LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013875.D
Acq On : 31 Oct 2019 23:01
Operator : SY/VA
Sample : K5552-10
Misc : 7.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC3

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	91007	192759	8.70%	1.552%
2	2.495	92	97	105	rBV	22504	50030	2.26%	0.403%
3	2.892	154	162	177	rVB	63292	164020	7.41%	1.321%
4	3.318	230	232	233	rBV	589	394	0.02%	0.003%
5	3.385	237	243	251	rVB5	3426	9588	0.43%	0.077%
6	3.519	263	265	266	rBV2	637	428	0.02%	0.003%
7	3.641	283	285	287	rBV2	310	298	0.01%	0.002%
8	3.800	308	311	317	rBV	238	549	0.02%	0.004%
9	4.026	335	348	359	rBV	147762	498888	22.53%	4.017%
10	4.562	434	436	437	rBV	349	254	0.01%	0.002%
11	4.623	442	446	447	rVB	283	269	0.01%	0.002%
12	4.666	449	453	455	rBV3	402	614	0.03%	0.005%
13	4.806	475	476	480	rBV2	626	709	0.03%	0.006%
14	4.849	480	483	484	rVV	483	398	0.02%	0.003%
15	4.928	484	496	510	rVV4	12056	50070	2.26%	0.403%
16	5.153	530	533	534	rBV2	527	525	0.02%	0.004%
17	5.245	545	548	552	rVB2	246	357	0.02%	0.003%
18	5.409	573	575	577	rBV	402	429	0.02%	0.003%
19	5.489	586	588	591	rVB	302	294	0.01%	0.002%
20	5.702	620	623	625	rBV3	275	302	0.01%	0.002%
21	5.781	630	636	645	rVB3	2707	7611	0.34%	0.061%
22	5.934	653	661	669	rBV4	4468	12901	0.58%	0.104%
23	6.111	683	690	691	rBV2	1004	1647	0.07%	0.013%
24	6.415	738	740	743	rBV2	233	289	0.01%	0.002%
25	6.458	745	747	750	rVV2	244	294	0.01%	0.002%
26	6.488	750	752	754	rVB2	303	289	0.01%	0.002%
27	6.903	808	820	827	rBV4	8039	23183	1.05%	0.187%
28	7.074	839	848	857	rBV	51733	158784	7.17%	1.279%
29	7.257	872	878	889	rVB2	15091	37835	1.71%	0.305%
30	7.488	915	916	919	rBV2	288	306	0.01%	0.002%
31	7.519	919	921	924	rVB2	619	655	0.03%	0.005%
32	7.647	931	942	955	rBV	229585	545849	24.65%	4.395%
33	7.781	961	964	965	rVB	386	347	0.02%	0.003%
34	7.805	965	968	972	rBV2	462	670	0.03%	0.005%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC3

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

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Peak separation: 5

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

35	7.842	972	974	977	rBV2	275	401	0.02%	0.003%
36	7.921	986	987	990	rBV3	791	687	0.03%	0.006%
37	8.055	1007	1009	1013	rVB2	402	444	0.02%	0.004%
38	8.110	1016	1018	1022	rVB2	315	335	0.02%	0.003%
39	8.153	1022	1025	1031	rBV4	1070	2254	0.10%	0.018%
40	8.275	1034	1045	1061	rBV2	468636	1390415	62.79%	11.196%
41	8.488	1078	1080	1082	rBV2	483	473	0.02%	0.004%
42	8.549	1084	1090	1105	rVB7	3540	10922	0.49%	0.088%
43	8.695	1109	1114	1125	rVB4	5427	12832	0.58%	0.103%
44	8.842	1128	1138	1150	rBV	318639	635920	28.72%	5.120%
45	9.037	1164	1170	1172	rBV5	2468	4091	0.18%	0.033%
46	9.092	1174	1179	1186	rVB	13651	27462	1.24%	0.221%
47	9.275	1199	1209	1217	rBV	319557	646180	29.18%	5.203%
48	9.409	1225	1231	1237	rBV2	10522	21015	0.95%	0.169%
49	9.555	1248	1255	1260	rVB3	2934	5469	0.25%	0.044%
50	9.665	1269	1273	1282	rVB4	2151	3722	0.17%	0.030%
51	9.744	1282	1286	1287	rBV2	412	362	0.02%	0.003%
52	9.957	1316	1321	1326	rBV3	1084	1916	0.09%	0.015%
53	10.037	1326	1334	1343	rBV	166533	309072	13.96%	2.489%
54	10.159	1350	1354	1359	rVB4	1660	2870	0.13%	0.023%
55	10.323	1373	1381	1388	rBV	690911	1206084	54.47%	9.711%
56	10.500	1406	1410	1415	rBV4	3126	5535	0.25%	0.045%
57	10.579	1416	1423	1431	rBV	114733	202697	9.15%	1.632%
58	10.707	1438	1444	1450	rVB	20726	36385	1.64%	0.293%
59	10.860	1461	1469	1475	rVV	1274195	2214411	100.00%	17.830%
60	10.921	1475	1479	1497	rVV	213458	370473	16.73%	2.983%
61	11.073	1499	1504	1513	rVB2	13147	22845	1.03%	0.184%
62	11.171	1517	1520	1523	rBV4	1223	1740	0.08%	0.014%
63	11.335	1545	1547	1550	rVB2	454	529	0.02%	0.004%
64	11.414	1555	1560	1564	rVV4	878	1221	0.06%	0.010%
65	11.512	1571	1576	1582	rBV3	595	1103	0.05%	0.009%
66	11.628	1587	1595	1608	rBV	472499	818558	36.97%	6.591%
67	11.841	1624	1630	1639	rVB4	4729	9284	0.42%	0.075%
68	12.030	1659	1661	1662	rBV2	427	346	0.02%	0.003%
69	12.073	1666	1668	1669	rBV2	447	334	0.02%	0.003%
70	12.103	1669	1673	1676	rVV4	514	756	0.03%	0.006%
71	12.158	1679	1682	1687	rVB3	1471	2451	0.11%	0.020%

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Instrument : MSVOA_W
ClientSampleId : GAQC3

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

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

72	12.244	1692	1696	1701	rVB3	1069	2015	0.09%	0.016%
73	12.341	1705	1712	1719	rBV2	7648	13992	0.63%	0.113%
74	12.463	1730	1732	1734	rVB2	479	415	0.02%	0.003%
75	12.512	1734	1740	1744	rBV3	1276	2241	0.10%	0.018%
76	12.609	1749	1756	1762	rBV	101515	166315	7.51%	1.339%
77	12.695	1762	1770	1777	rBV	277598	466509	21.07%	3.756%
78	12.750	1777	1779	1781	rBV2	887	799	0.04%	0.006%
79	12.932	1804	1809	1818	rBV4	5132	9029	0.41%	0.073%
80	13.054	1825	1829	1831	rBV	612	837	0.04%	0.007%
81	13.231	1854	1858	1859	rBV2	1376	1408	0.06%	0.011%
82	13.274	1860	1865	1872	rVB3	12266	23585	1.07%	0.190%
83	13.396	1881	1885	1892	rVB3	7840	12347	0.56%	0.099%
84	13.554	1905	1911	1922	rBV	536355	890111	40.20%	7.167%
85	13.646	1922	1926	1935	rVB	14374	22592	1.02%	0.182%
86	13.853	1953	1960	1970	rBV	585754	968206	43.72%	7.796%
87	14.072	1990	1996	2004	rVB2	39909	66814	3.02%	0.538%
88	14.133	2004	2006	2008	rBV3	741	813	0.04%	0.007%
89	14.170	2011	2012	2017	rBV3	564	770	0.03%	0.006%
90	14.219	2017	2020	2022	rBV3	1072	1087	0.05%	0.009%
91	14.329	2033	2038	2045	rVB3	9209	12679	0.57%	0.102%
92	14.457	2057	2059	2060	rBV2	293	285	0.01%	0.002%
93	14.530	2066	2071	2073	rBV4	1316	2191	0.10%	0.018%
94	14.621	2083	2086	2093	rVB7	2422	3875	0.17%	0.031%
95	14.932	2135	2137	2138	rBV2	624	369	0.02%	0.003%
96	14.950	2138	2140	2141	rBV2	526	343	0.02%	0.003%
97	15.054	2155	2157	2158	rBV	674	470	0.02%	0.004%
98	15.188	2174	2179	2181	rBV4	2055	3222	0.15%	0.026%
99	15.365	2206	2208	2211	rBV4	754	937	0.04%	0.008%
100	15.493	2224	2229	2237	rVB	7080	11698	0.53%	0.094%

Sum of corrected areas: 12419383

LSC Report - Integrated Chromatogram

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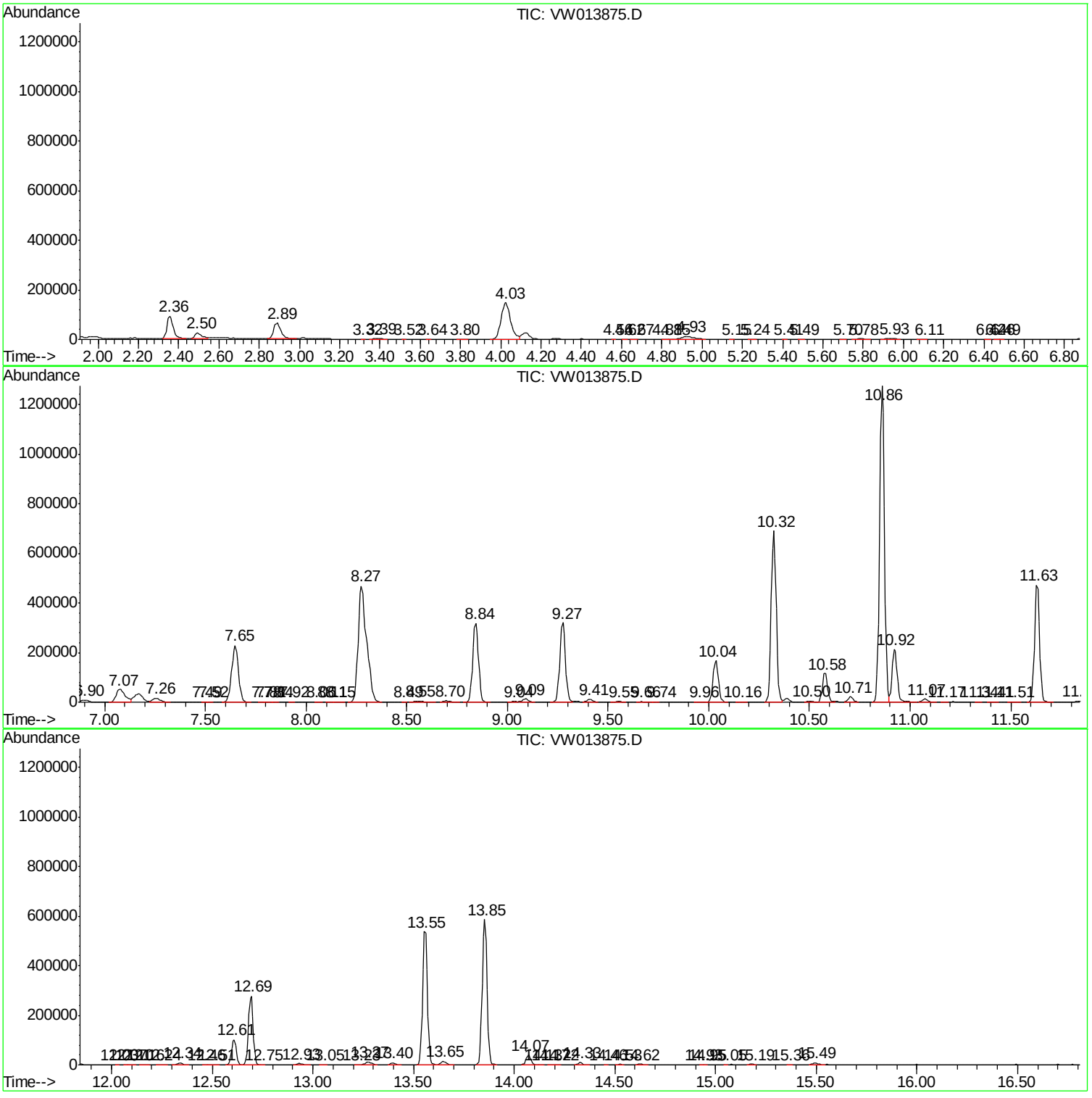
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQC3

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



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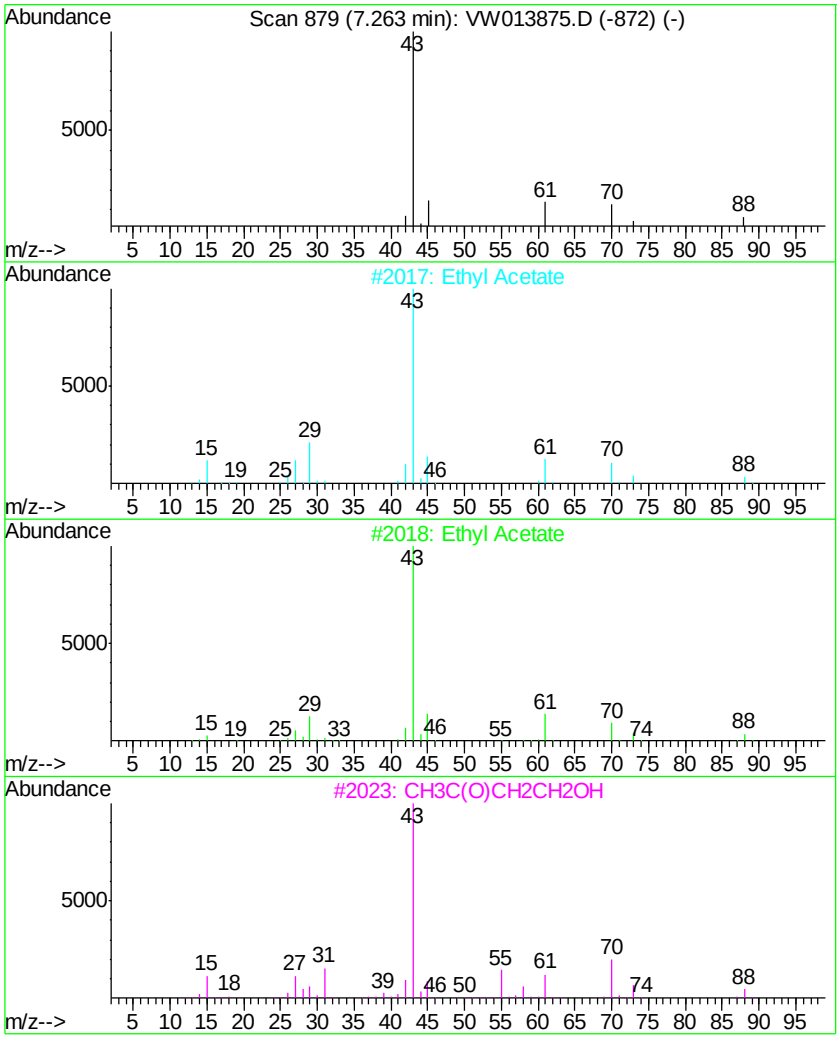
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

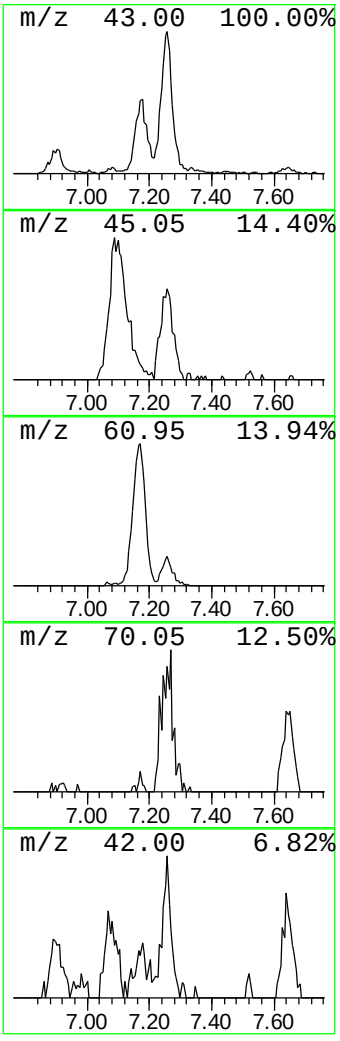
****

Peak Number 2 Ethyl Acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	1.49 ug/L	37835	1,4-Difluorobenzene	8.84

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





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

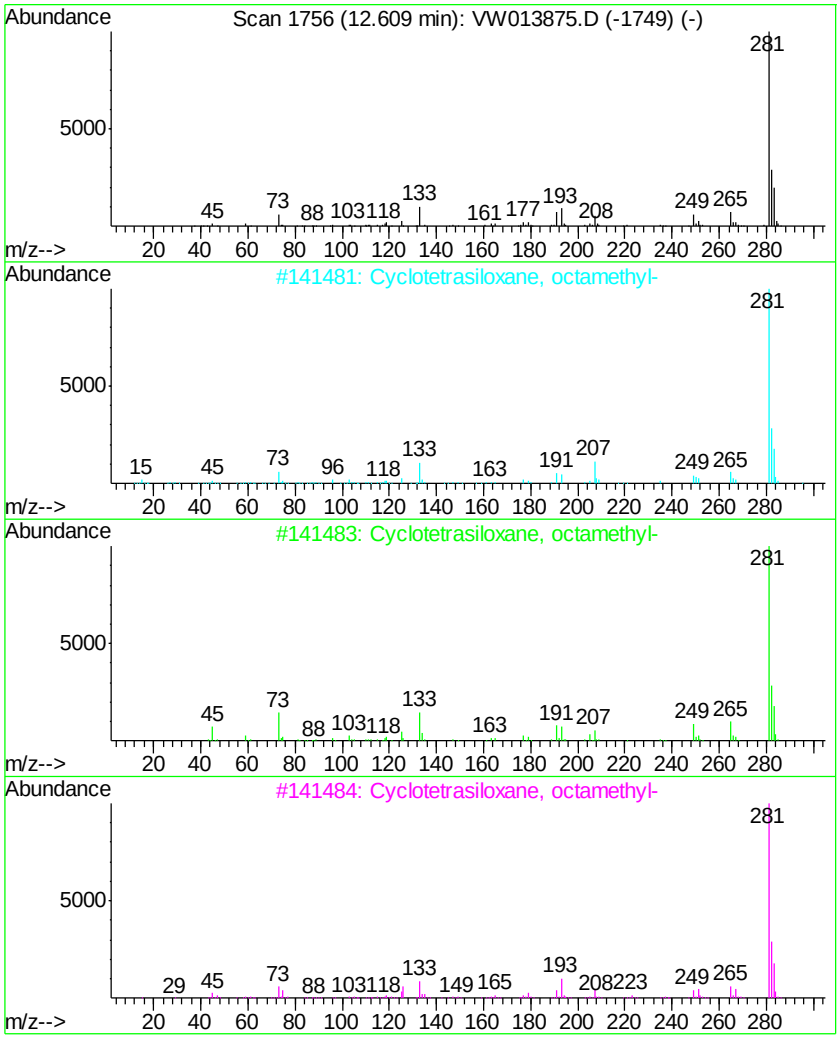
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

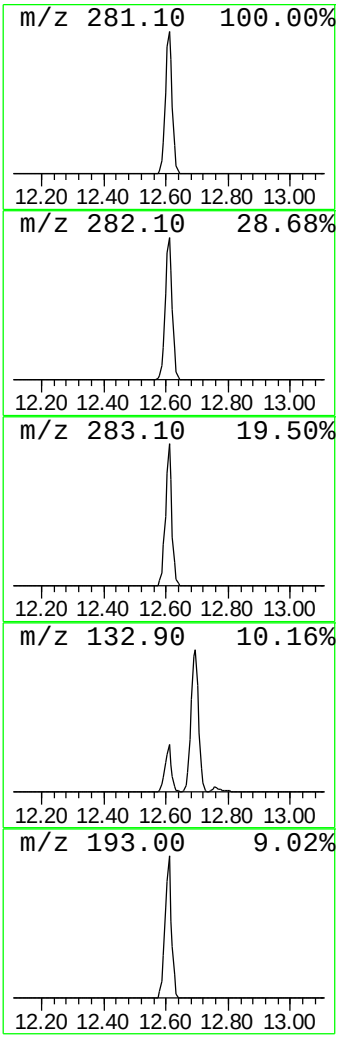
****

Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	4.67 ug/L	166315	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
4	2,5-Dihydroxyacetophenone, bis(t...	296	C14H24O3Si2	1000352-83-7	56
5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	49





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	7.26	1.5	ug/L	37835	1	8.84	635920	25.0
Cyclotetrasiloxan...	12.61	4.7	ug/L	166315	3	13.56	890111	25.0