

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013885.D
 Acq On : 01 Nov 2019 06:55
 Operator : SY/VA
 Sample : K5596-07
 Misc : 4.61G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQA8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	84	rVB	96433	180334	12.52%	1.701%
2	2.495	93	97	102	rBV	6314	10475	0.73%	0.099%
3	2.891	155	162	174	rVB	59853	148678	10.32%	1.402%
4	3.312	228	231	236	rBV2	326	567	0.04%	0.005%
5	3.355	236	238	239	rBV	277	246	0.02%	0.002%
6	3.397	240	245	251	rVB3	1314	2410	0.17%	0.023%
7	3.666	287	289	290	rBV	852	652	0.05%	0.006%
8	3.849	318	319	322	rVV2	497	515	0.04%	0.005%
9	3.891	324	326	328	rVB2	413	400	0.03%	0.004%
10	4.019	336	347	359	rBV	138098	452881	31.44%	4.272%
11	4.275	388	389	395	rVB3	494	652	0.05%	0.006%
12	4.397	399	409	419	rVV5	3351	10390	0.72%	0.098%
13	4.538	429	432	434	rBV	245	234	0.02%	0.002%
14	4.684	445	456	461	rBV4	1468	4877	0.34%	0.046%
15	4.922	482	495	509	rBV3	20080	80619	5.60%	0.760%
16	5.318	558	560	561	rBV	272	262	0.02%	0.002%
17	5.574	600	602	604	rVV2	319	269	0.02%	0.003%
18	5.757	629	632	633	rBV2	878	921	0.06%	0.009%
19	5.934	653	661	662	rBV4	2663	5071	0.35%	0.048%
20	6.086	684	686	687	rBV2	431	287	0.02%	0.003%
21	6.110	687	690	693	rBV3	821	1156	0.08%	0.011%
22	6.269	714	716	719	rBV2	311	266	0.02%	0.003%
23	6.330	724	726	730	rBV2	207	298	0.02%	0.003%
24	6.470	746	749	750	rBV2	236	259	0.02%	0.002%
25	6.781	799	800	805	rVB2	222	280	0.02%	0.003%
26	6.891	811	818	819	rBV3	2370	3307	0.23%	0.031%
27	6.964	828	830	832	rBV3	646	492	0.03%	0.005%
28	7.074	840	848	856	rBV2	43476	135479	9.40%	1.278%
29	7.250	872	877	889	rVB3	10926	27559	1.91%	0.260%
30	7.488	914	916	917	rBV	308	262	0.02%	0.002%
31	7.507	917	919	922	rVV2	328	427	0.03%	0.004%
32	7.647	930	942	953	rBV	209636	505683	35.10%	4.770%
33	7.872	977	979	982	rVB2	328	281	0.02%	0.003%
34	7.945	987	991	996	rVV3	470	1032	0.07%	0.010%

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Integration Parameters: LSCINT.P

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35	8.177	1025	1029	1030	rVB2	219	241	0.02%	0.002%
36	8.275	1034	1045	1060	rBV2	425304	1274334	88.45%	12.021%
37	8.470	1076	1077	1080	rVB2	484	347	0.02%	0.003%
38	8.555	1085	1091	1098	rVV5	4093	8639	0.60%	0.081%
39	8.659	1106	1108	1109	rBV	278	225	0.02%	0.002%
40	8.708	1109	1116	1125	rVB6	2599	6137	0.43%	0.058%
41	8.842	1128	1138	1149	rBV	330980	652723	45.31%	6.157%
42	8.964	1156	1158	1160	rBV2	329	298	0.02%	0.003%
43	9.031	1165	1169	1184	rVB6	3491	9854	0.68%	0.093%
44	9.153	1186	1189	1192	rBV3	324	507	0.04%	0.005%
45	9.183	1192	1194	1200	rVB2	428	475	0.03%	0.004%
46	9.274	1200	1209	1218	rBV	289758	588078	40.82%	5.547%
47	9.409	1225	1231	1240	rVB3	4991	10615	0.74%	0.100%
48	9.598	1259	1262	1263	rBV2	520	428	0.03%	0.004%
49	9.640	1266	1269	1270	rBV2	846	861	0.06%	0.008%
50	9.805	1295	1296	1298	rBV2	311	291	0.02%	0.003%
51	9.890	1308	1310	1312	rBV2	270	285	0.02%	0.003%
52	10.030	1324	1333	1345	rBV	146479	272327	18.90%	2.569%
53	10.268	1369	1372	1373	rBV3	328	363	0.03%	0.003%
54	10.323	1373	1381	1388	rVV	621484	1071061	74.35%	10.103%
55	10.384	1388	1391	1401	rVB	13333	22313	1.55%	0.210%
56	10.512	1407	1412	1415	rBV5	826	1470	0.10%	0.014%
57	10.579	1416	1423	1430	rBV	98686	175393	12.17%	1.654%
58	10.707	1437	1444	1452	rVB	98580	179029	12.43%	1.689%
59	10.847	1464	1467	1468	rBV3	429	512	0.04%	0.005%
60	10.921	1473	1479	1495	rVV	186031	330846	22.96%	3.121%
61	11.073	1498	1504	1511	rVB3	13523	23603	1.64%	0.223%
62	11.183	1520	1522	1525	rVB2	432	338	0.02%	0.003%
63	11.256	1531	1534	1536	rBV2	352	349	0.02%	0.003%
64	11.323	1543	1545	1548	rVB2	274	255	0.02%	0.002%
65	11.408	1558	1559	1560	rVB	658	241	0.02%	0.002%
66	11.469	1567	1569	1571	rBV	252	270	0.02%	0.003%
67	11.628	1588	1595	1605	rBV	447255	781505	54.25%	7.372%
68	11.835	1623	1629	1637	rBV6	4165	8773	0.61%	0.083%
69	11.951	1643	1648	1653	rVB3	3300	5653	0.39%	0.053%
70	12.054	1664	1665	1667	rBV	247	238	0.02%	0.002%
71	12.164	1676	1683	1689	rBV2	983	1849	0.13%	0.017%

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72	12.335	1707	1711	1720	rVB2	6112	10771	0.75%	0.102%
73	12.609	1748	1756	1763	rVV	920132	1440659	100.00%	13.590%
74	12.695	1763	1770	1778	rVB	238451	400247	27.78%	3.776%
75	12.768	1778	1782	1783	rBV3	776	966	0.07%	0.009%
76	12.859	1795	1797	1800	rBV2	321	289	0.02%	0.003%
77	12.902	1800	1804	1805	rVV3	558	677	0.05%	0.006%
78	12.932	1805	1809	1819	rVB5	3139	6291	0.44%	0.059%
79	13.054	1822	1829	1834	rBV6	2615	4888	0.34%	0.046%
80	13.134	1840	1842	1844	rVB	517	272	0.02%	0.003%
81	13.225	1855	1857	1858	rVV	608	417	0.03%	0.004%
82	13.274	1859	1865	1874	rVB4	9229	17266	1.20%	0.163%
83	13.396	1880	1885	1893	rBV4	6719	10931	0.76%	0.103%
84	13.463	1894	1896	1898	rBV2	473	434	0.03%	0.004%
85	13.560	1904	1912	1920	rBV	421461	698714	48.50%	6.591%
86	13.646	1921	1926	1939	rVB	24278	41939	2.91%	0.396%
87	13.737	1939	1941	1943	rBV2	432	386	0.03%	0.004%
88	13.780	1947	1948	1951	rBV2	571	600	0.04%	0.006%
89	13.853	1953	1960	1967	rBV	418582	685004	47.55%	6.462%
90	13.950	1974	1976	1978	rBV3	600	588	0.04%	0.006%
91	14.072	1990	1996	2005	rVB2	131300	219133	15.21%	2.067%
92	14.255	2025	2026	2028	rBV	545	323	0.02%	0.003%
93	14.328	2032	2038	2044	rVV4	6322	10190	0.71%	0.096%
94	14.438	2054	2056	2057	rBV	480	265	0.02%	0.002%
95	14.530	2067	2071	2075	rVB3	3550	5385	0.37%	0.051%
96	14.621	2084	2086	2089	rBV2	556	464	0.03%	0.004%
97	14.719	2101	2102	2106	rVB4	1023	1226	0.09%	0.012%
98	14.774	2109	2111	2112	rVB	696	392	0.03%	0.004%
99	15.499	2224	2230	2237	rVB	18358	33399	2.32%	0.315%
100	16.438	2382	2384	2385	rBV	1103	648	0.04%	0.006%

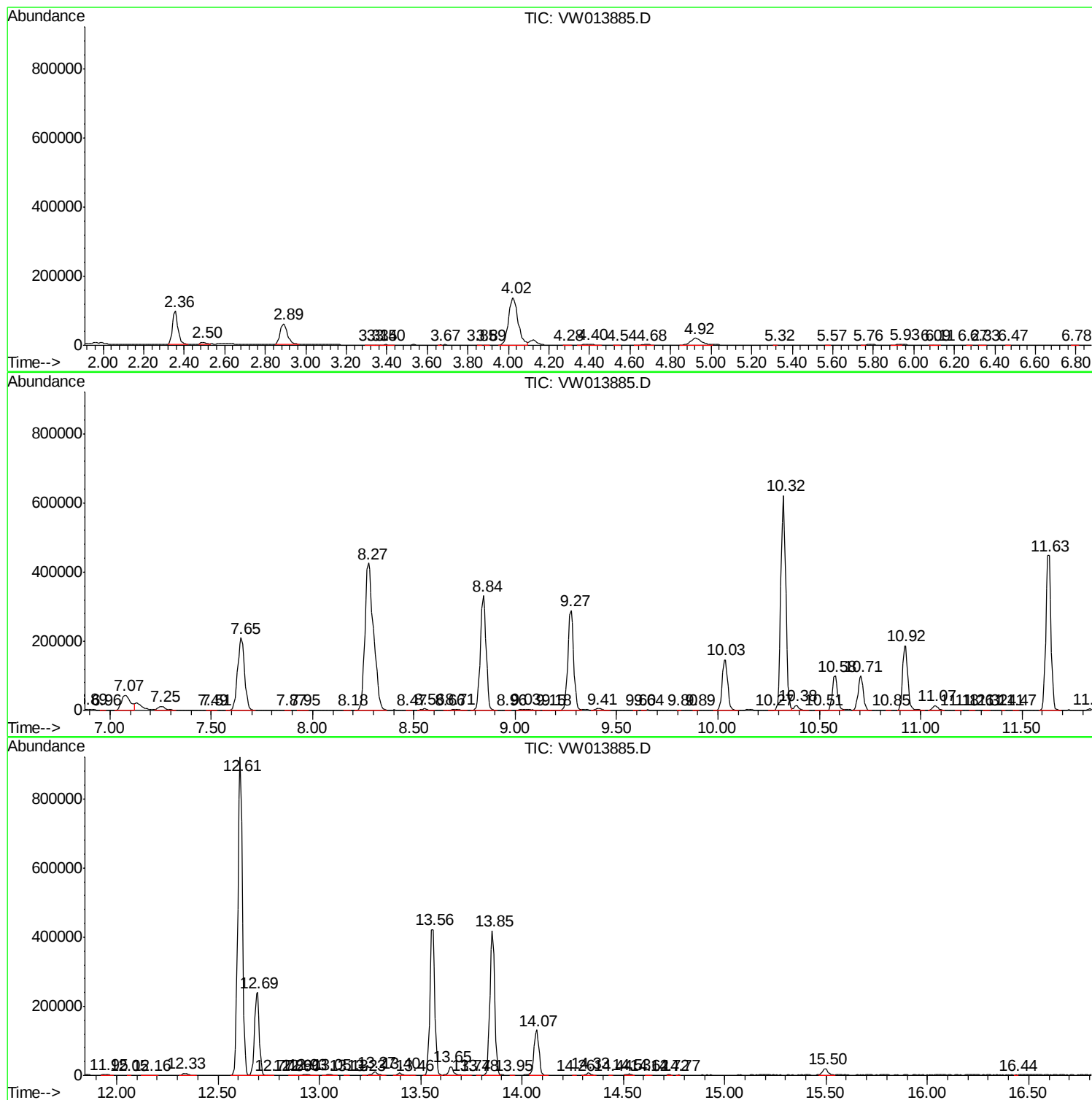
Sum of corrected areas: 10601011

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Quant Method : Z:\V0ASRV\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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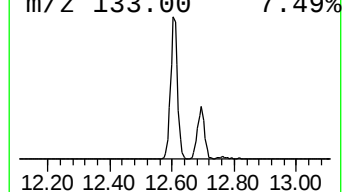
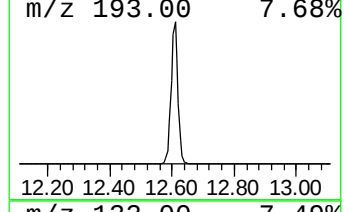
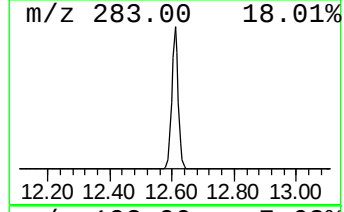
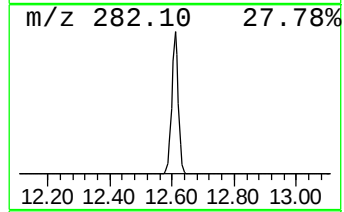
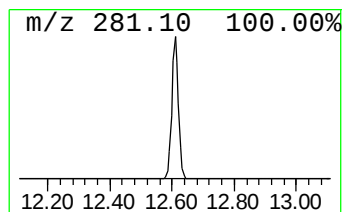
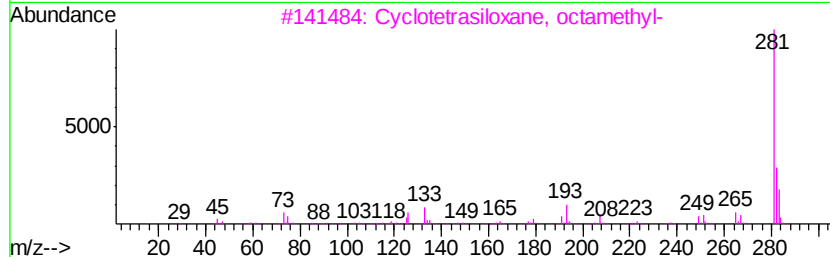
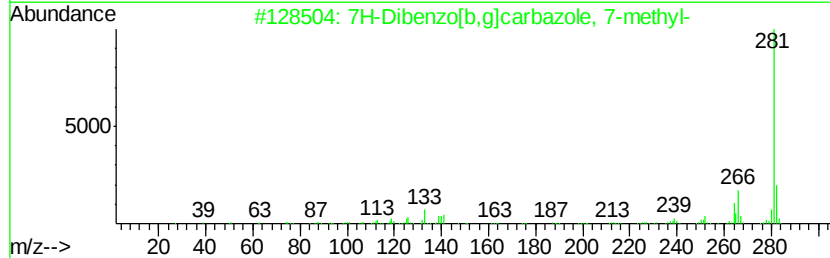
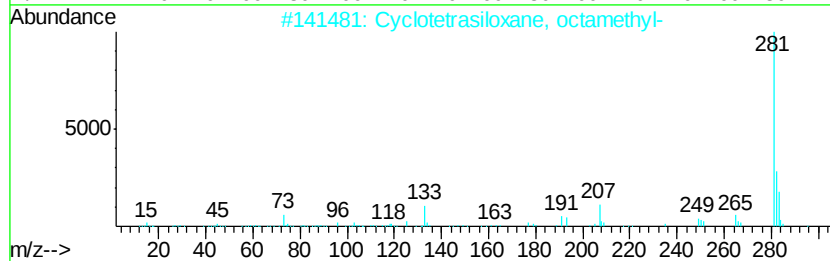
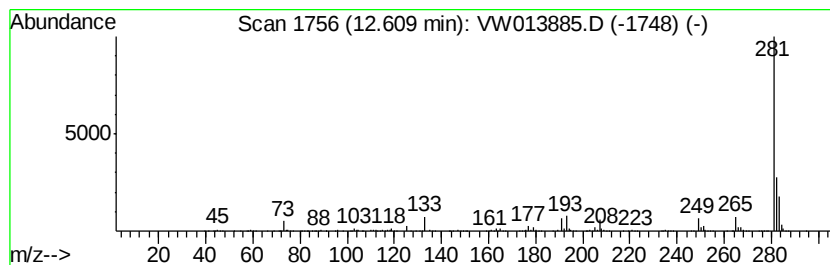
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis

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

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.61	51.55 ug/L	1440660	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	64
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
4	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	59
5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	53



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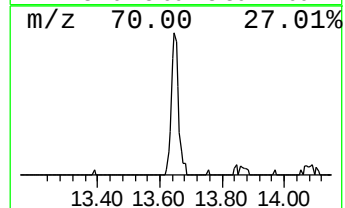
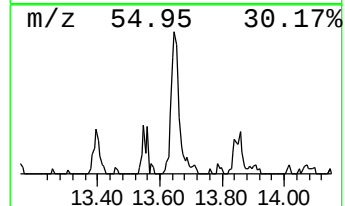
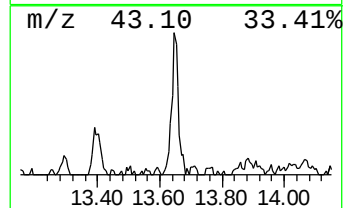
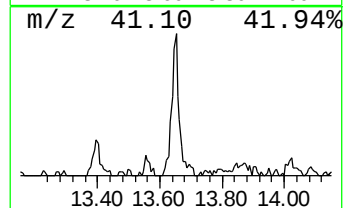
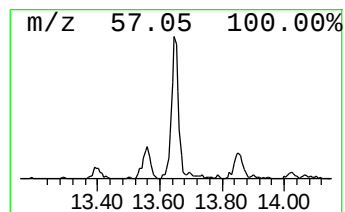
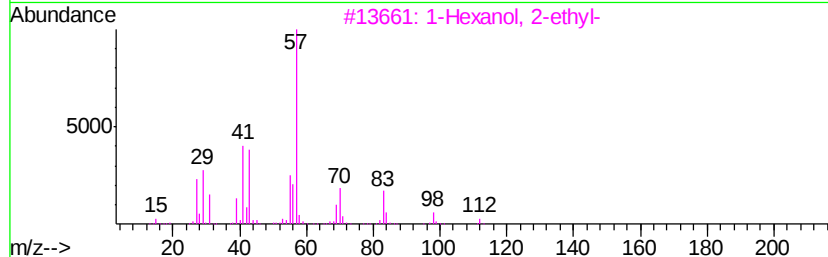
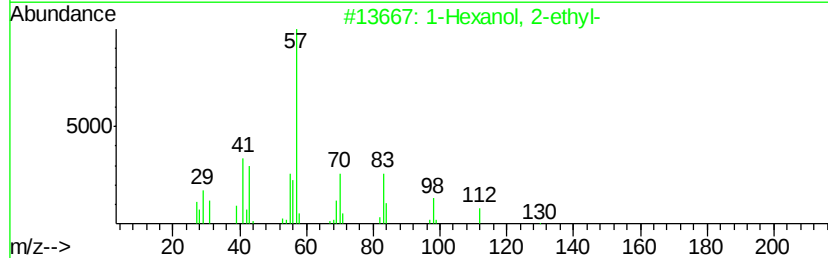
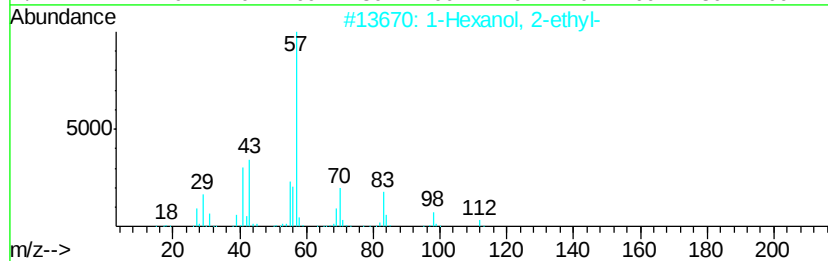
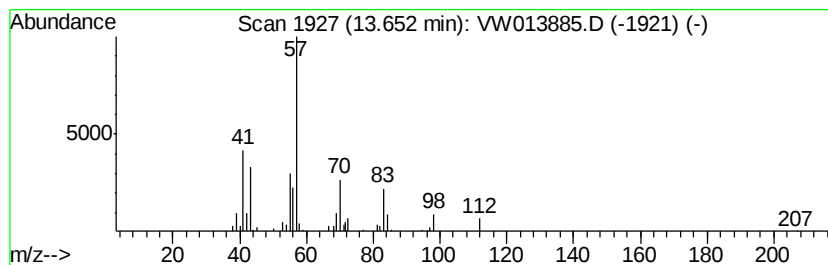
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Quant Title : VOC Analysis

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

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.50 ug/L	41939	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	42
4		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	42
5		Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	42



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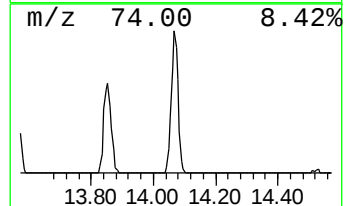
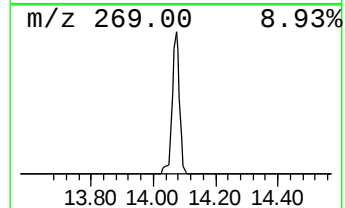
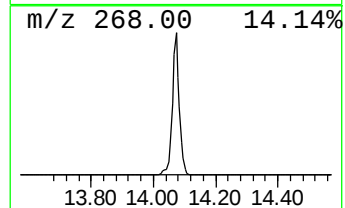
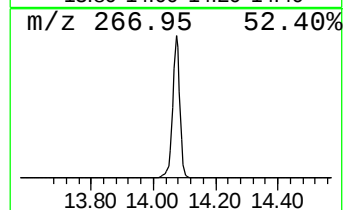
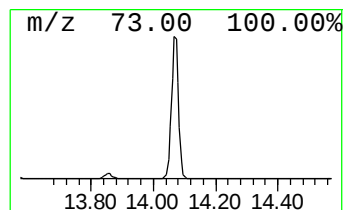
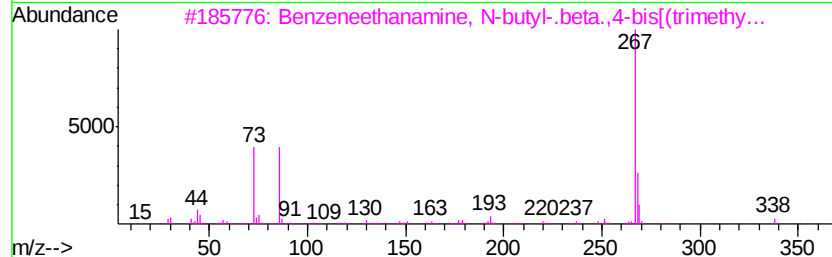
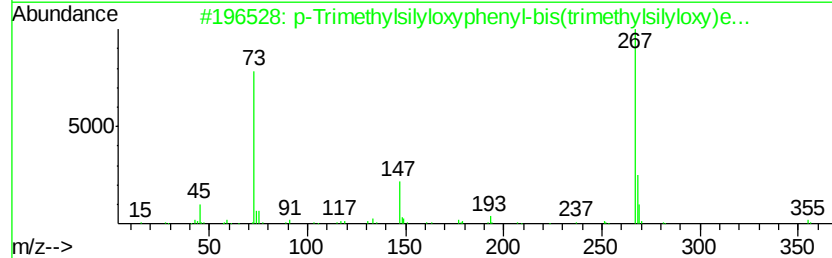
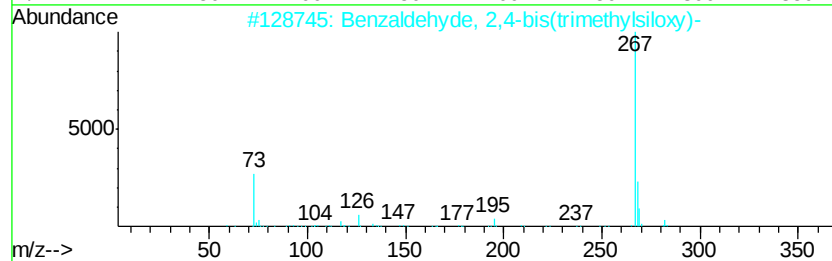
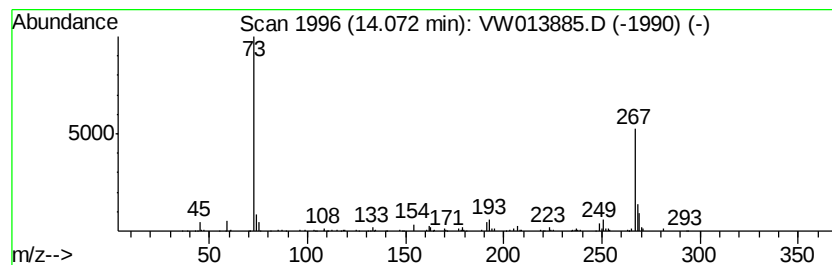
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzaldehyde, 2,4-bis(trimethylsiloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	7.84 ug/L	219133	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 2,4-bis(trimethylsiloxy)-	282	C13H22O3Si2	033617-38-8	64
2		p-Trimethylsilyloxyphenyl-bis(trimethylsiloxy)-	370	C17H34O3Si3	1000079-08-1	59
3		Benzeneethanamine, N-butyl-.beta.-	353	C18H35NO2Si2	040629-66-1	56
4		4-Hydroxymandelic acid, ethyl ester	340	C16H28O4Si2	1000071-53-3	56
5		Benzaldehyde, 2,5-bis[(trimethylsiloxy)-	282	C13H22O3Si2	056114-69-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
Data File : VW013885.D
Acq On : 01 Nov 2019 06:55
Operator : SY/VA
Sample : K5596-07
Misc : 4.61G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAQA8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclotetrasiloxan...	12.61	51.5	ug/L	1440660	3	13.56	698714	25.0
1-Hexanol, 2-ethyl-	13.65	1.5	ug/L	41939	3	13.56	698714	25.0
Benzaldehyde, 2,4...	14.07	7.8	ug/L	219133	3	13.56	698714	25.0