

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
 Data File : VW018581.D
 Acq On : 07 Apr 2021 15:18
 Operator : SY/VA
 Sample : M1896-19RE
 Misc : 5.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG5A5RE

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\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018581.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	69	73	80	rVB	38975	63622	16.63%	2.462%
2	3.282	225	226	230	rVB3	889	891	0.23%	0.034%
3	3.733	299	300	303	rVB2	612	512	0.13%	0.020%
4	3.830	314	316	318	rBV2	448	628	0.16%	0.024%
5	3.952	333	336	337	rBV	404	377	0.10%	0.015%
6	4.019	337	347	355	rBV	46103	125321	32.75%	4.850%
7	4.123	358	364	371	rBV2	4093	9963	2.60%	0.386%
8	4.245	381	384	385	rBV2	639	680	0.18%	0.026%
9	4.300	392	393	397	rBV2	476	450	0.12%	0.017%
10	4.355	398	402	403	rBV	877	871	0.23%	0.034%
11	4.544	431	433	435	rVV2	401	411	0.11%	0.016%
12	4.635	446	448	451	rVB	510	382	0.10%	0.015%
13	4.775	469	471	477	rBV3	417	602	0.16%	0.023%
14	4.916	486	494	505	rVV6	3737	11623	3.04%	0.450%
15	5.037	511	514	517	rBV3	435	513	0.13%	0.020%
16	5.422	575	577	580	rBV	357	499	0.13%	0.019%
17	5.586	602	604	609	rVV2	565	625	0.16%	0.024%
18	5.726	625	627	628	rBV2	463	380	0.10%	0.015%
19	5.781	630	636	638	rBV5	2010	3560	0.93%	0.138%
20	5.879	650	652	654	rVB	402	378	0.10%	0.015%
21	5.921	654	659	660	rBV3	1691	2183	0.57%	0.084%
22	6.263	712	715	717	rBV2	440	449	0.12%	0.017%
23	6.373	731	733	737	rBV	596	754	0.20%	0.029%
24	6.604	769	771	774	rBV	440	436	0.11%	0.017%
25	6.805	803	804	809	rBV2	347	384	0.10%	0.015%
26	6.909	815	821	825	rBV5	1033	2206	0.58%	0.085%
27	7.086	840	850	853	rBV2	15518	40943	10.70%	1.584%
28	7.379	895	898	899	rBV2	541	493	0.13%	0.019%
29	7.647	933	942	952	rBV	62155	152250	39.79%	5.892%
30	7.824	969	971	975	rVB2	414	414	0.11%	0.016%
31	7.897	981	983	986	rVB2	701	493	0.13%	0.019%
32	7.927	986	988	989	rBV2	378	376	0.10%	0.015%
33	8.043	1005	1007	1012	rVB2	453	417	0.11%	0.016%
34	8.141	1022	1023	1027	rVV2	374	520	0.14%	0.020%
35	8.189	1030	1031	1035	rVV3	440	578	0.15%	0.022%
36	8.275	1035	1045	1063	rVV3	116844	382602	100.00%	14.806%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Title : VOC Analysis

37	8.433	1069	1071	1075	rBV2	351	563	0.15%	0.022%
38	8.555	1086	1091	1095	rVV5	1163	2141	0.56%	0.083%
39	8.701	1113	1115	1116	rBV2	845	691	0.18%	0.027%
40	8.842	1130	1138	1148	rBV	137929	266160	69.57%	10.300%
41	9.085	1173	1178	1186	rVV5	3523	7038	1.84%	0.272%
42	9.195	1193	1196	1201	rBV3	358	530	0.14%	0.021%
43	9.274	1201	1209	1219	rBV	81226	164466	42.99%	6.365%
44	9.366	1221	1224	1227	rBV2	398	610	0.16%	0.024%
45	9.409	1229	1231	1233	rBV3	855	1045	0.27%	0.040%
46	9.659	1269	1272	1274	rBV2	288	395	0.10%	0.015%
47	9.774	1289	1291	1294	rVB2	492	540	0.14%	0.021%
48	9.884	1307	1309	1311	rBV	521	384	0.10%	0.015%
49	9.969	1320	1323	1326	rVB3	451	686	0.18%	0.027%
50	10.037	1326	1334	1342	rBV	36654	66620	17.41%	2.578%
51	10.140	1350	1351	1354	rVB2	566	478	0.12%	0.018%
52	10.323	1373	1381	1388	rBV	140007	254917	66.63%	9.865%
53	10.469	1402	1405	1406	rBV2	687	715	0.19%	0.028%
54	10.579	1417	1423	1430	rBV2	21115	36356	9.50%	1.407%
55	10.634	1430	1432	1437	rVB4	854	950	0.25%	0.037%
56	10.707	1437	1444	1451	rBV2	37237	69443	18.15%	2.687%
57	10.860	1462	1469	1475	rBV2	21257	38741	10.13%	1.499%
58	10.927	1475	1480	1491	rVB	48129	84788	22.16%	3.281%
59	11.067	1498	1503	1510	rVB5	4185	8034	2.10%	0.311%
60	11.177	1517	1521	1523	rBV4	933	1090	0.28%	0.042%
61	11.201	1523	1525	1529	rVB3	841	1006	0.26%	0.039%
62	11.250	1529	1533	1535	rBV2	466	571	0.15%	0.022%
63	11.305	1539	1542	1544	rBV2	364	384	0.10%	0.015%
64	11.414	1556	1560	1561	rBV4	1253	1376	0.36%	0.053%
65	11.433	1561	1563	1573	rVB5	1973	3149	0.82%	0.122%
66	11.628	1589	1595	1604	rBV	143096	248312	64.90%	9.609%
67	11.780	1618	1620	1622	rBV2	350	472	0.12%	0.018%
68	11.841	1624	1630	1633	rBV3	743	1344	0.35%	0.052%
69	12.128	1674	1677	1678	rBV	630	560	0.15%	0.022%
70	12.341	1707	1712	1713	rBV2	1174	1434	0.37%	0.055%
71	12.500	1735	1738	1740	rBV	371	558	0.15%	0.022%
72	12.603	1749	1755	1762	rVB2	55346	88484	23.13%	3.424%
73	12.689	1764	1769	1778	rVV	74191	124094	32.43%	4.802%
74	12.859	1794	1797	1799	rBV	773	715	0.19%	0.028%
75	12.884	1799	1801	1805	rBV3	355	516	0.13%	0.020%
76	12.938	1805	1810	1813	rBV5	1787	2954	0.77%	0.114%

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77	13.018	1819	1823	1825	rBV4	547	918	0.24%	0.036%
78	13.127	1839	1841	1844	rBV2	490	525	0.14%	0.020%
79	13.188	1848	1851	1858	rVB4	1250	1978	0.52%	0.077%
80	13.243	1858	1860	1862	rBV2	535	478	0.12%	0.018%
81	13.298	1863	1869	1873	rVB3	5337	9238	2.41%	0.357%
82	13.335	1873	1875	1877	rBV	608	494	0.13%	0.019%
83	13.402	1884	1886	1896	rVB5	1522	2482	0.65%	0.096%
84	13.560	1905	1912	1918	rBV	80238	132955	34.75%	5.145%
85	13.743	1938	1942	1945	rBV5	925	1571	0.41%	0.061%
86	13.853	1953	1960	1967	rBV	63124	106020	27.71%	4.103%
87	13.902	1967	1968	1972	rBV3	827	841	0.22%	0.033%
88	14.011	1984	1986	1987	rBV2	568	461	0.12%	0.018%
89	14.066	1990	1995	2004	rVV	16089	25094	6.56%	0.971%
90	14.158	2008	2010	2011	rBV	667	515	0.13%	0.020%
91	14.194	2014	2016	2019	rVB3	1191	1162	0.30%	0.045%
92	14.304	2027	2034	2035	rBV3	1085	1899	0.50%	0.073%
93	14.493	2064	2065	2067	rBV	754	685	0.18%	0.027%
94	14.719	2099	2102	2106	rBV3	1835	2511	0.66%	0.097%
95	14.834	2119	2121	2122	rBV	724	438	0.11%	0.017%
96	14.865	2122	2126	2127	rVB3	624	593	0.15%	0.023%
97	14.902	2131	2132	2134	rVB2	933	493	0.13%	0.019%
98	14.926	2134	2136	2138	rBV2	490	564	0.15%	0.022%
99	15.920	2297	2299	2301	rBV2	620	589	0.15%	0.023%
100	16.724	2429	2431	2432	rBV	792	461	0.12%	0.018%

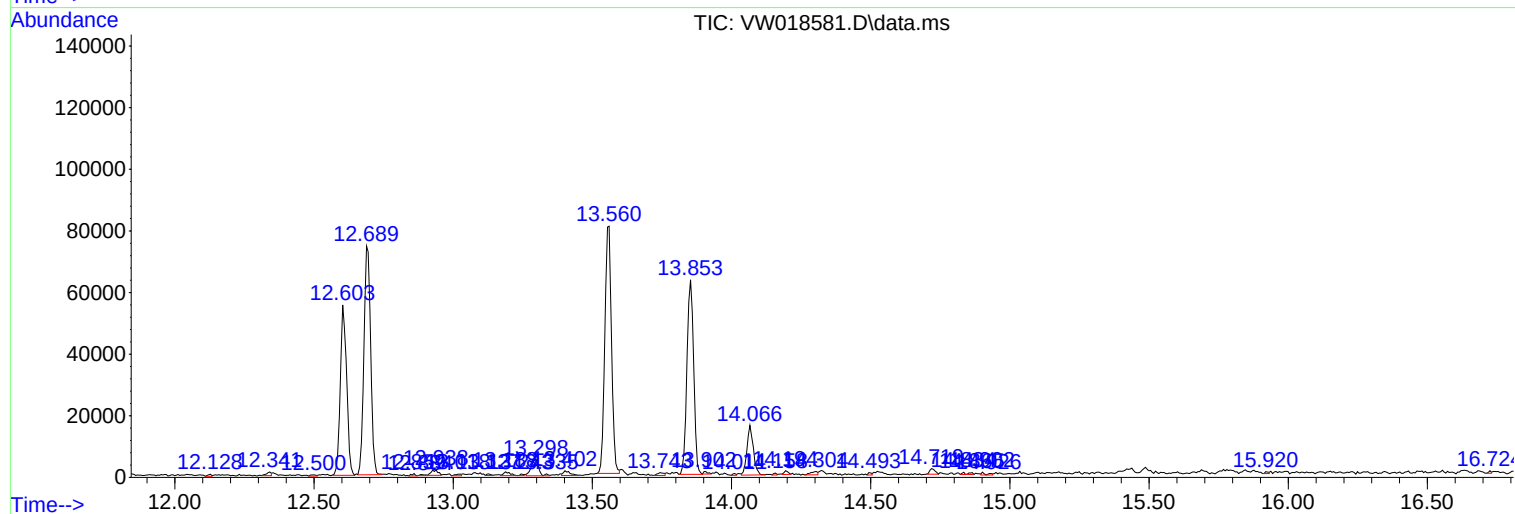
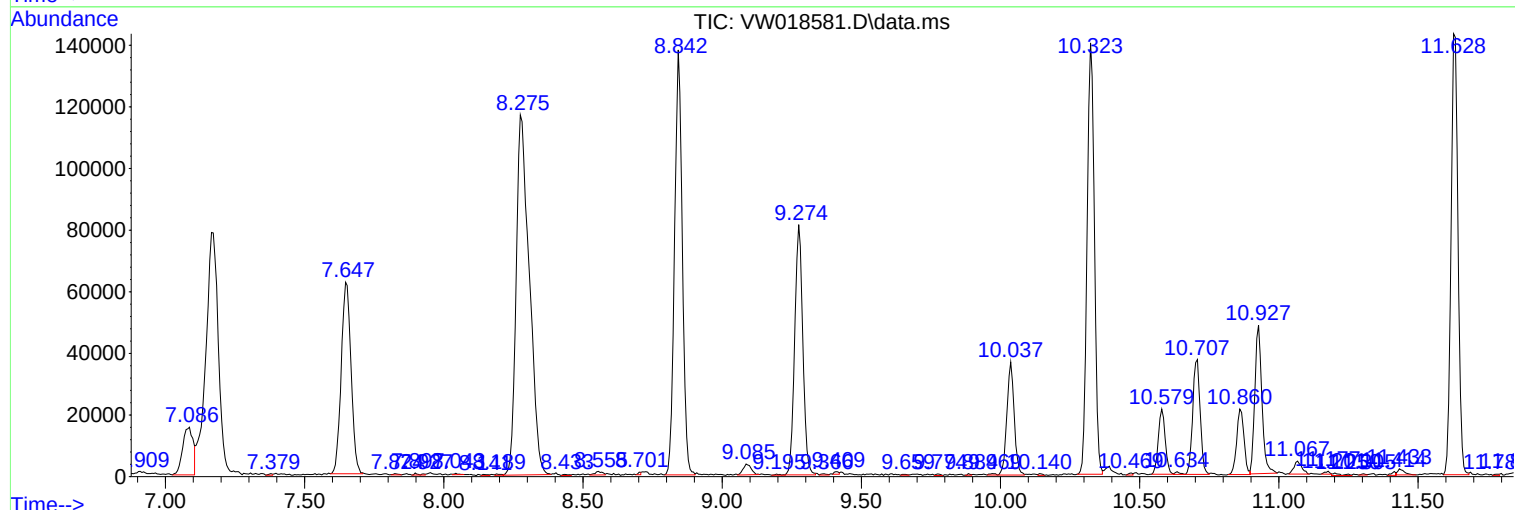
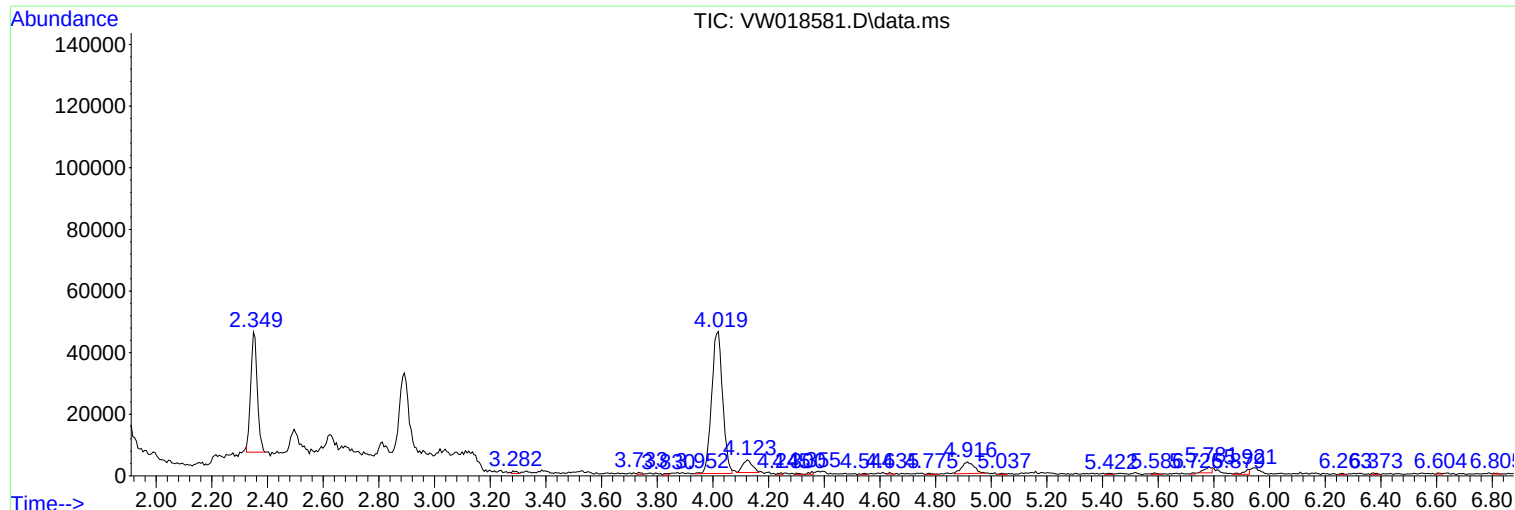
Sum of corrected areas: 2584061

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5A5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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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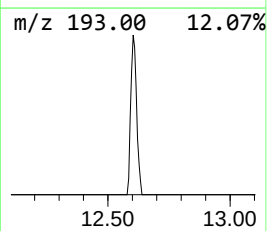
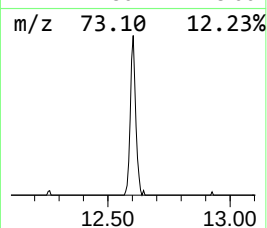
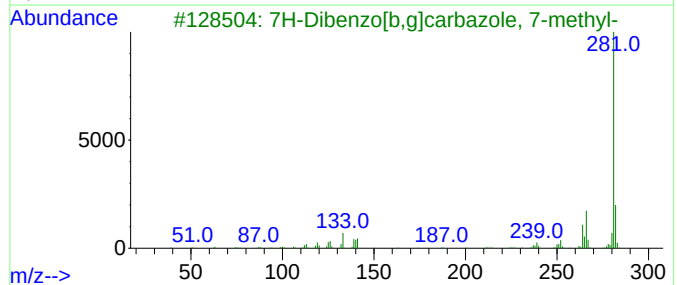
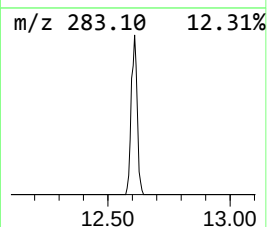
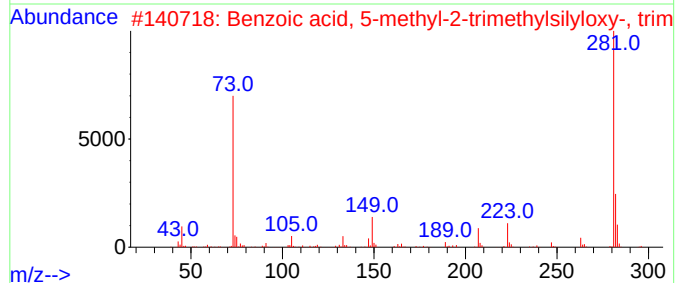
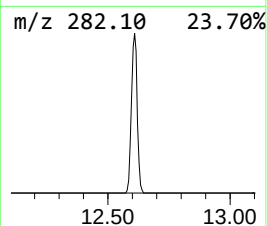
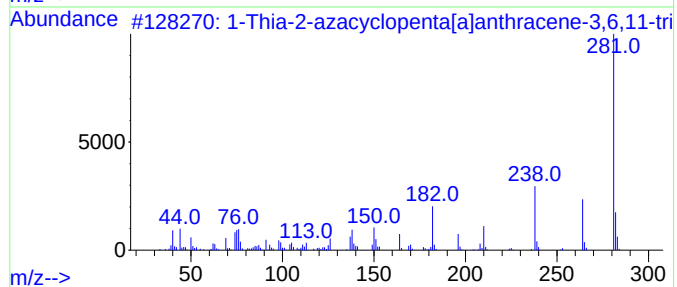
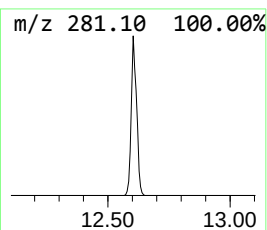
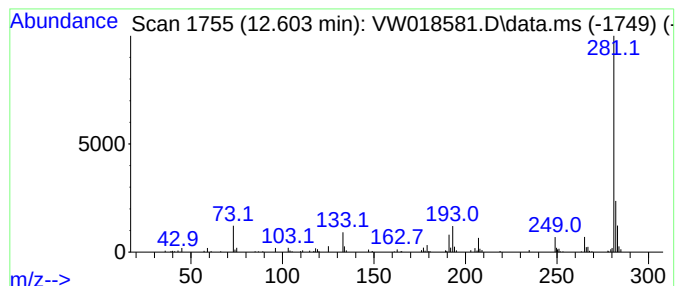
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 3 1-Thia-2-azacyclopenta[a]an... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.603	16.64 ug/L	88484	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Thia-2-azacyclopenta[a]anthrac...	281	C15H7N03S	1000303-19-5	59
2			Benzoic acid, 5-methyl-2-trimeth...	296	C14H24O3Si2	1000153-59-4	59
3			7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	59
4			Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	56
5			5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	53



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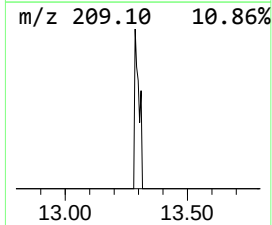
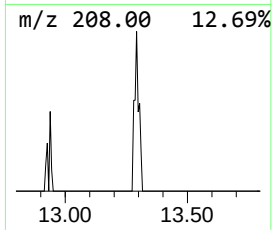
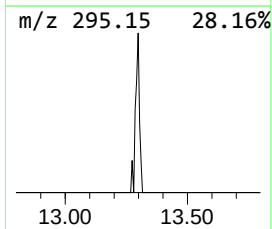
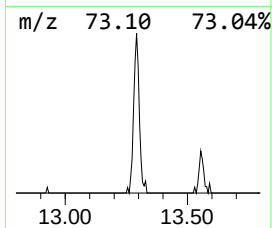
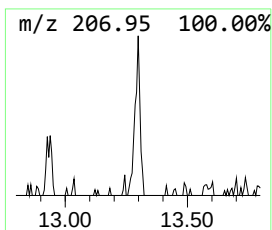
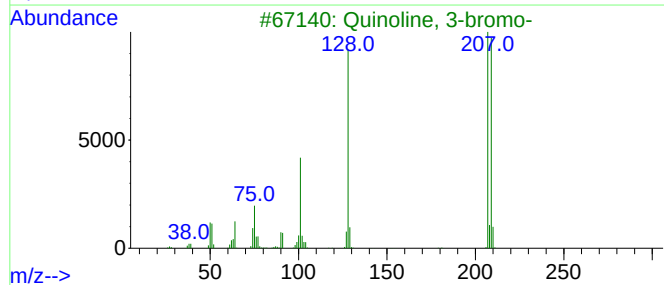
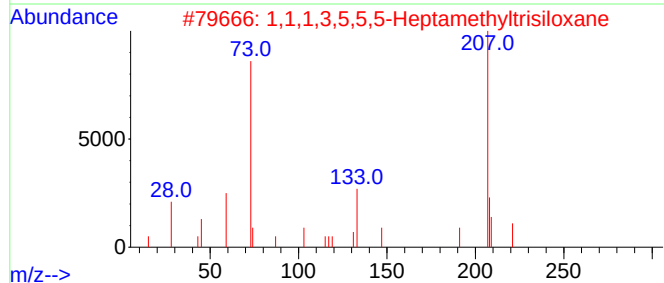
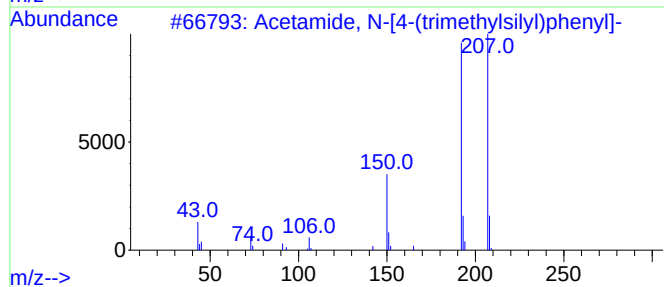
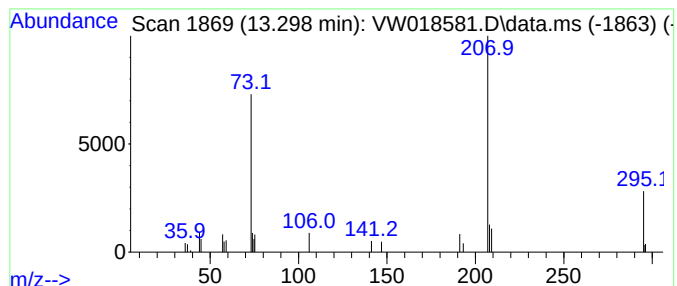
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Quant Title : VOC Analysis

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

Peak Number 4 Acetamide, N-[4-(trimethyls... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	1.74 ug/L	9238	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetamide, N-[4-(trimethylsilyl)]...	207	C11H17NOSi	017983-71-0	59
2			1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	30
3			Quinoline, 3-bromo-	207	C9H6BrN	005332-24-1	25
4			Quinoline, 8-bromo-	207	C9H6BrN	016567-18-3	25
5			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	9



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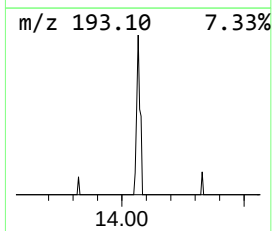
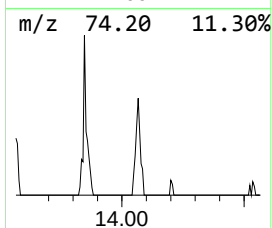
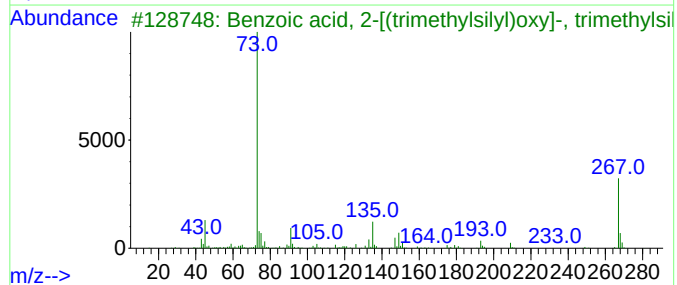
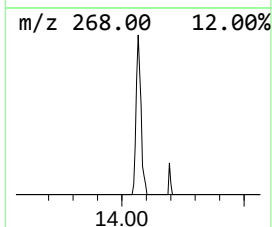
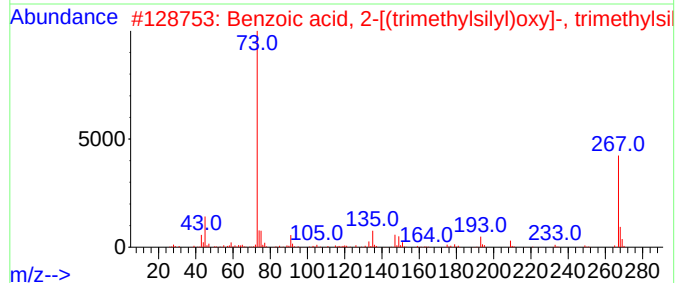
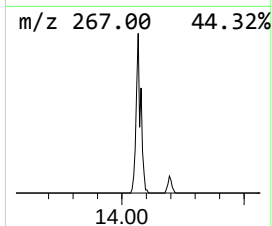
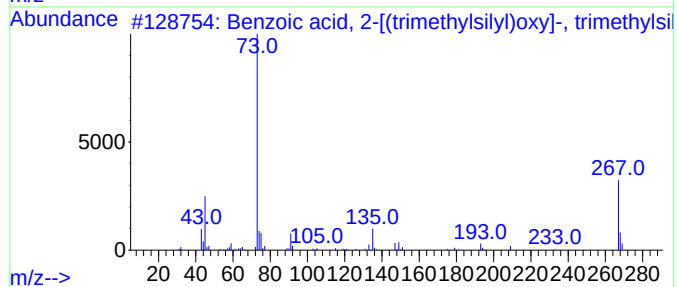
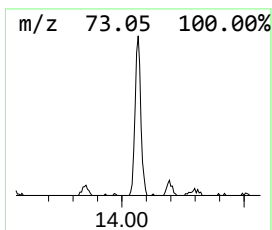
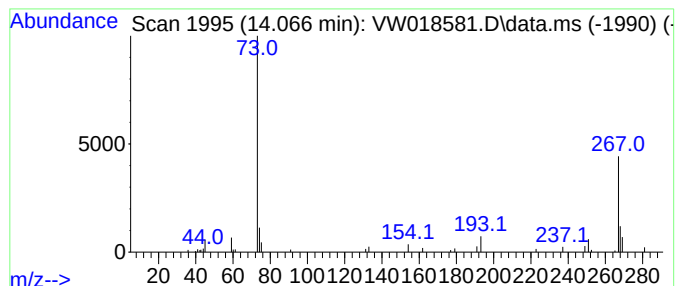
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Quant Title : VOC Analysis

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

Peak Number 5 Benzoic acid, 2-[(trimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	4.72 ug/L	25094	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	72
2			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	72
3			Benzoic acid, 2-[(trimethylsilyl...]	282	C13H22O3Si2	003789-85-3	39
4			3,5-Dimethoxyphenylacetic acid, ...	268	C13H20O4Si	1000071-82-4	9
5			Silane, (1-cyclopenten-1-ylmethy...]	154	C9H18Si	075311-60-3	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040721\
Data File : VW018581.D
Acq On : 07 Apr 2021 15:18
Operator : SY/VA
Sample : M1896-19RE
Misc : 5.84G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG5A5RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.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
1-Thia-2-azacyc...	12.603	16.6	ug/L	88484	3	13.560	132955	25.0
Acetamide, N-[4...	13.298	1.7	ug/L	9238	3	13.560	132955	25.0
Benzoic acid, 2...	14.066	4.7	ug/L	25094	3	13.560	132955	25.0