

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081119\
 Data File : VW011804.D
 Acq On : 09 Aug 2019 11:14
 Operator : SY/VA
 Sample : K4215-05RE
 Misc : 5.43G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOB6RE

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\SOM2WLM073019S.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	2.153	37	41	49	rBV2	4991	13020	1.63%	0.281%
2	2.348	67	73	82	rVB	66297	113697	14.23%	2.453%
3	2.885	154	161	173	rBV	44927	104535	13.08%	2.255%
4	3.379	238	242	243	rBV3	1367	1764	0.22%	0.038%
5	3.580	272	275	278	rBV4	972	1472	0.18%	0.032%
6	3.671	281	290	296	rBV4	4967	12729	1.59%	0.275%
7	3.751	301	303	307	rVB5	805	1051	0.13%	0.023%
8	3.854	313	320	321	rBV4	1827	3476	0.44%	0.075%
9	4.019	336	347	360	rVV	88146	277537	34.73%	5.987%
10	4.135	363	366	373	rVB4	2939	6504	0.81%	0.140%
11	4.915	478	494	510	rBV3	10483	40749	5.10%	0.879%
12	5.116	523	527	530	rBV5	464	672	0.08%	0.014%
13	5.171	532	536	538	rBV2	455	631	0.08%	0.014%
14	5.275	550	553	557	rVB3	488	668	0.08%	0.014%
15	5.756	630	632	635	rBV3	579	620	0.08%	0.013%
16	5.933	649	661	669	rBV3	7248	22428	2.81%	0.484%
17	6.208	703	706	708	rVV2	749	629	0.08%	0.014%
18	6.610	770	772	776	rVB2	471	624	0.08%	0.013%
19	6.677	780	783	784	rBV	539	664	0.08%	0.014%
20	7.079	841	849	855	rBV	34914	103109	12.90%	2.224%
21	7.256	875	878	882	rVB5	878	1110	0.14%	0.024%
22	7.378	894	898	900	rVB2	641	683	0.09%	0.015%
23	7.646	931	942	953	rBV	137487	345573	43.25%	7.455%
24	7.860	975	977	982	rBV4	513	796	0.10%	0.017%
25	7.915	982	986	987	rBV3	631	755	0.09%	0.016%
26	8.012	998	1002	1003	rBV3	812	778	0.10%	0.017%
27	8.274	1034	1045	1062	rBV2	256842	799018	100.00%	17.236%
28	8.396	1062	1065	1066	rBV4	960	923	0.12%	0.020%
29	8.542	1088	1089	1092	rBV3	561	590	0.07%	0.013%
30	8.701	1106	1115	1123	rBV5	2283	6067	0.76%	0.131%
31	8.841	1125	1138	1149	rBV	201164	395121	49.45%	8.524%
32	9.079	1169	1177	1183	rVB7	2220	4876	0.61%	0.105%
33	9.134	1183	1186	1187	rBV2	758	638	0.08%	0.014%
34	9.274	1198	1209	1218	rBV	202531	419168	52.46%	9.042%

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35	9.439	1232	1236	1237	rBV2	419	601	0.08%	0.013%
36	9.573	1252	1258	1259	rBV2	1335	1776	0.22%	0.038%
37	9.658	1268	1272	1276	rBV4	1915	3423	0.43%	0.074%
38	9.750	1281	1287	1290	rBV5	794	1385	0.17%	0.030%
39	9.890	1305	1310	1313	rBV4	1491	2858	0.36%	0.062%
40	10.036	1326	1334	1344	rBV	83448	159404	19.95%	3.439%
41	10.128	1344	1349	1358	rVB7	3519	8144	1.02%	0.176%
42	10.213	1358	1363	1367	rBV4	1389	2282	0.29%	0.049%
43	10.323	1371	1381	1389	rBV	229747	402187	50.34%	8.676%
44	10.499	1403	1410	1415	rBV7	2085	4895	0.61%	0.106%
45	10.579	1416	1423	1431	rVV	55504	98205	12.29%	2.118%
46	10.664	1434	1437	1439	rVV3	983	1194	0.15%	0.026%
47	10.707	1439	1444	1448	rVB2	5055	9043	1.13%	0.195%
48	10.859	1458	1469	1474	rBV5	8092	18965	2.37%	0.409%
49	10.926	1474	1480	1497	rVV	125527	241557	30.23%	5.211%
50	11.066	1497	1503	1510	rVV	16112	29145	3.65%	0.629%
51	11.182	1519	1522	1525	rVB4	1041	1287	0.16%	0.028%
52	11.341	1545	1548	1551	rVB3	799	862	0.11%	0.019%
53	11.390	1551	1556	1557	rBV2	1141	1188	0.15%	0.026%
54	11.505	1572	1575	1578	rBV3	1341	2065	0.26%	0.045%
55	11.536	1578	1580	1584	rVV3	839	1027	0.13%	0.022%
56	11.633	1588	1596	1606	rVV	180723	316613	39.63%	6.830%
57	11.731	1610	1612	1617	rVB5	2482	3218	0.40%	0.069%
58	11.835	1622	1629	1637	rBV	8005	17778	2.22%	0.384%
59	12.170	1677	1684	1690	rVB5	3177	6489	0.81%	0.140%
60	12.322	1704	1709	1710	rBV4	737	833	0.10%	0.018%
61	12.341	1710	1712	1715	rBV3	565	823	0.10%	0.018%
62	12.469	1729	1733	1738	rVB5	1341	2239	0.28%	0.048%
63	12.615	1751	1757	1762	rVV6	4313	8170	1.02%	0.176%
64	12.694	1763	1770	1777	rVB	136595	225419	28.21%	4.863%
65	12.761	1777	1781	1785	rBV3	1419	2346	0.29%	0.051%
66	12.865	1796	1798	1800	rVV3	1221	1160	0.15%	0.025%
67	12.889	1800	1802	1803	rVV2	942	839	0.11%	0.018%
68	12.932	1805	1809	1816	rVB5	4216	8245	1.03%	0.178%
69	13.097	1831	1836	1838	rBV3	1314	2022	0.25%	0.044%
70	13.151	1842	1845	1850	rVV5	1768	2846	0.36%	0.061%
71	13.206	1852	1854	1858	rVV4	1414	2502	0.31%	0.054%

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72	13.255	1859	1862	1865	rVV2	3222	4415	0.55%	0.095%
73	13.298	1865	1869	1874	rVV5	1711	4195	0.53%	0.090%
74	13.487	1896	1900	1904	rVB7	1304	2141	0.27%	0.046%
75	13.560	1905	1912	1919	rBV	92481	151801	19.00%	3.275%
76	13.792	1946	1950	1952	rBV4	945	1392	0.17%	0.030%
77	13.853	1953	1960	1968	rVB	85849	151563	18.97%	3.269%
78	14.023	1982	1988	1990	rBV5	898	1567	0.20%	0.034%
79	14.078	1992	1997	2002	rVB	4987	8591	1.08%	0.185%
80	14.334	2031	2039	2043	rBV6	1777	3897	0.49%	0.084%
81	14.432	2052	2055	2057	rBV3	727	855	0.11%	0.018%
82	14.529	2066	2071	2075	rBV6	1526	2177	0.27%	0.047%
83	14.621	2083	2086	2094	rVB6	1296	2286	0.29%	0.049%
84	14.718	2099	2102	2107	rBV4	1255	2260	0.28%	0.049%
85	14.889	2127	2130	2132	rBV4	753	645	0.08%	0.014%
86	14.919	2132	2135	2138	rVV3	523	792	0.10%	0.017%
87	14.974	2141	2144	2146	rBV4	596	702	0.09%	0.015%
88	15.047	2155	2156	2160	rVV4	606	742	0.09%	0.016%
89	15.334	2200	2203	2206	rBV4	572	786	0.10%	0.017%
90	15.383	2206	2211	2214	rVV5	645	1371	0.17%	0.030%
91	15.438	2216	2220	2226	rVB2	6210	10407	1.30%	0.224%
92	15.553	2237	2239	2244	rVB5	913	1475	0.18%	0.032%
93	15.755	2271	2272	2274	rBV2	751	698	0.09%	0.015%
94	16.200	2342	2345	2349	rBB6	794	791	0.10%	0.017%
95	16.236	2349	2351	2353	rBV3	530	636	0.08%	0.014%
96	16.504	2393	2395	2398	rVB3	944	1070	0.13%	0.023%
97	16.541	2398	2401	2403	rBV3	432	598	0.07%	0.013%
98	16.578	2405	2407	2408	rVV	811	590	0.07%	0.013%
99	16.614	2412	2413	2416	rVB2	825	586	0.07%	0.013%
100	16.675	2421	2423	2425	rBV3	773	924	0.12%	0.020%

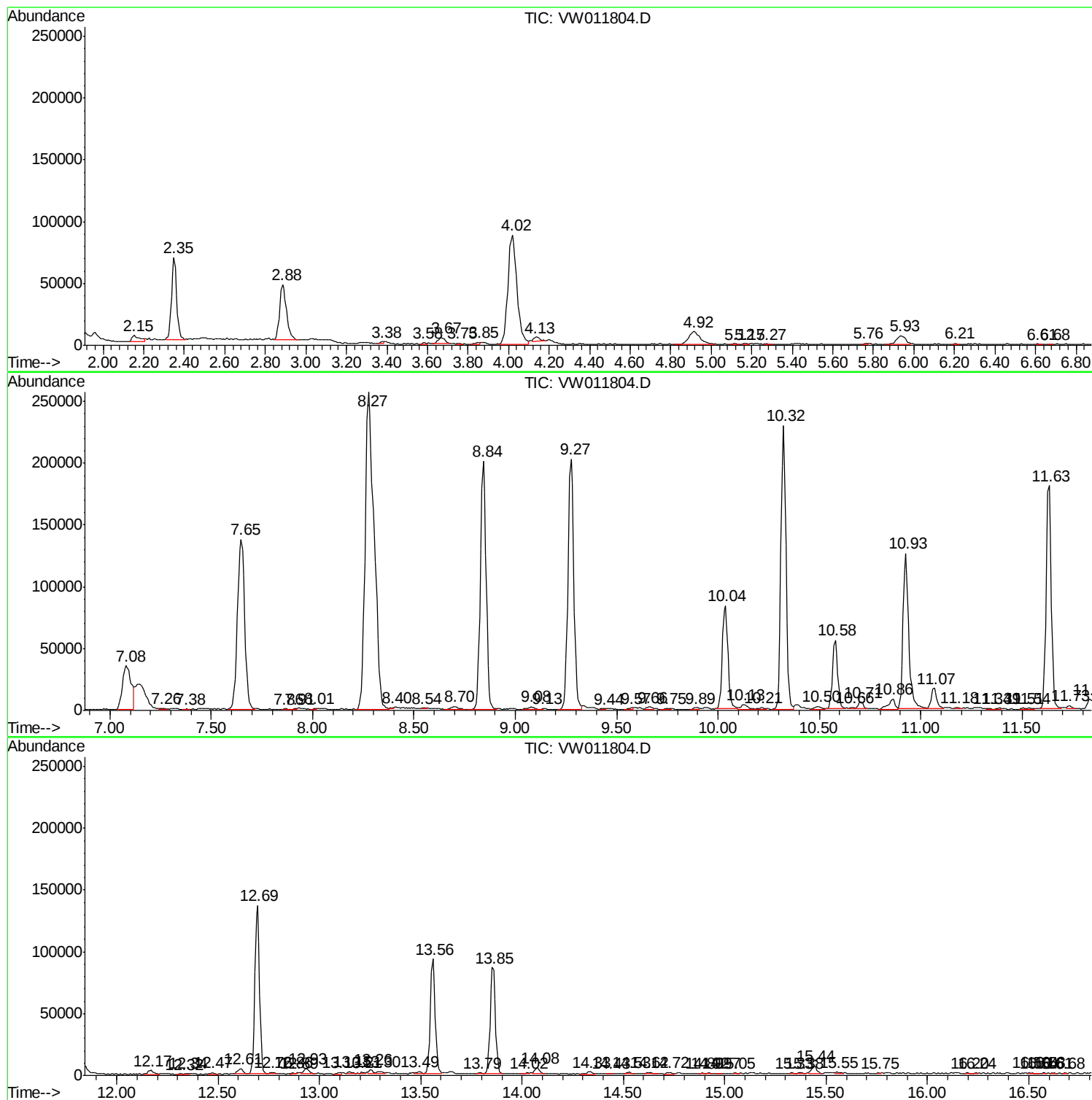
Sum of corrected areas: 4635663

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



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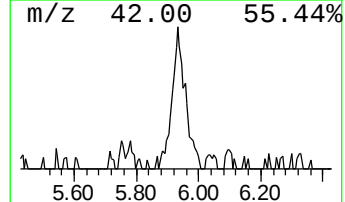
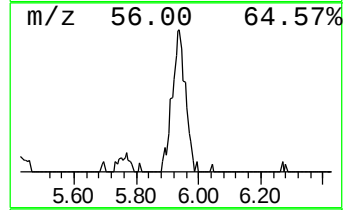
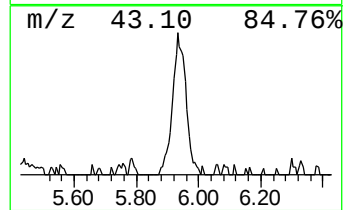
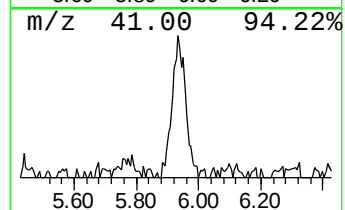
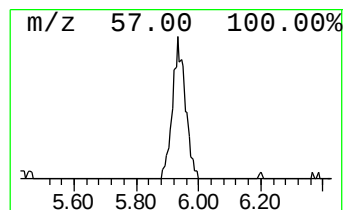
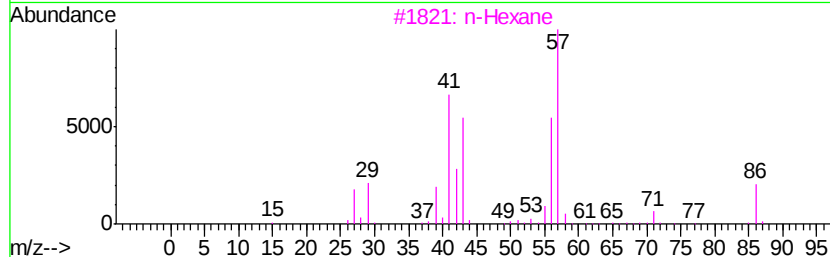
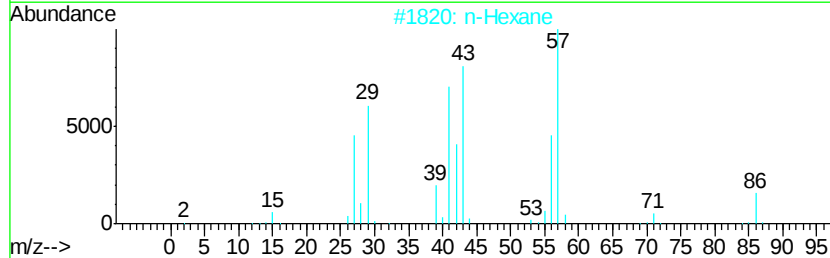
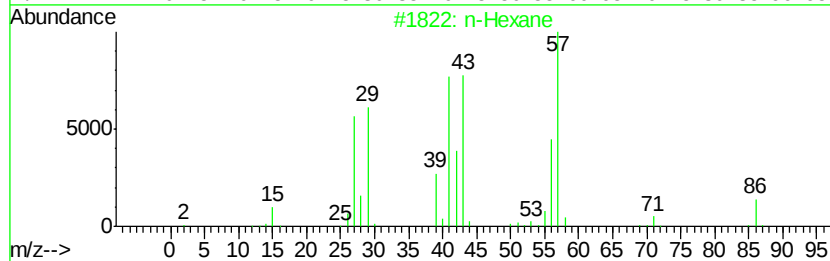
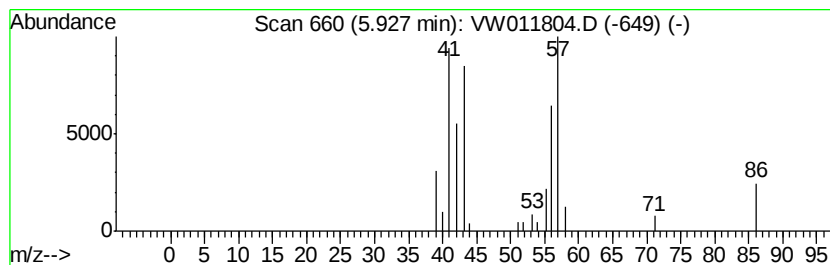
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.42 ug/L	22428	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	90
3		n-Hexane	86	C6H14	000110-54-3	64
4		Hexane, 1-fluoro-	104	C6H13F	000373-14-8	36
5		2H-Pyran-2-one, tetrahydro-6,6-d...	128	C7H12O2	002610-95-9	36



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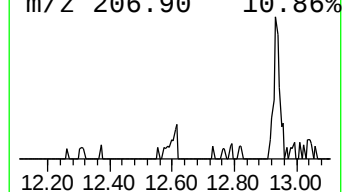
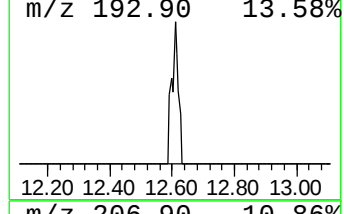
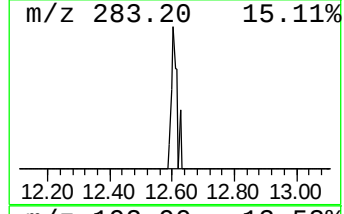
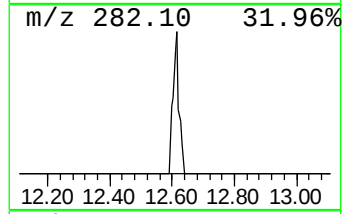
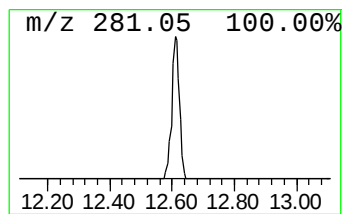
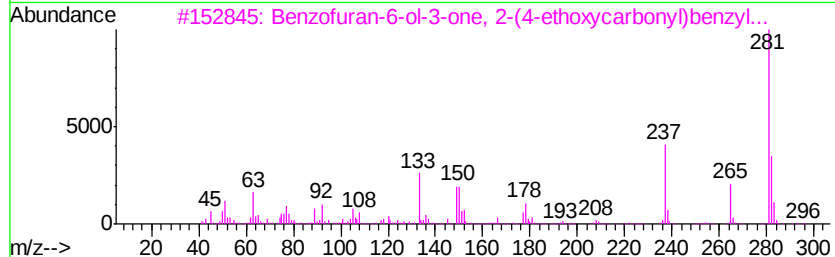
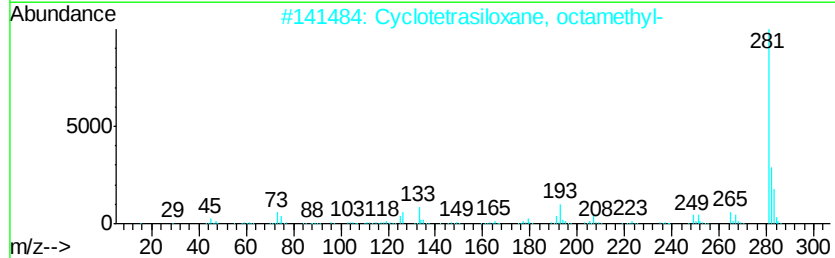
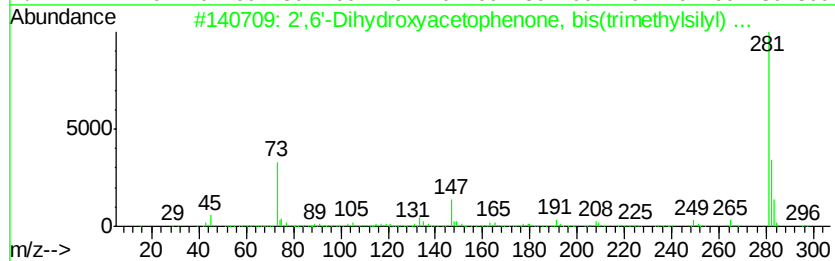
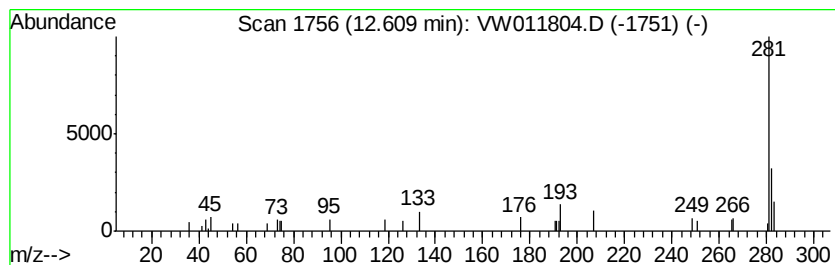
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Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	1.35 ug/L	8170	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2',6'-Dihydroxyacetophenone, bis...	296	C14H24O3Si2	1000352-81-3	38
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	36
3		Benzofuran-6-ol-3-one, 2-(4-etho...	310	C18H14O5	1000128-64-6	33
4		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	17
5		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	12



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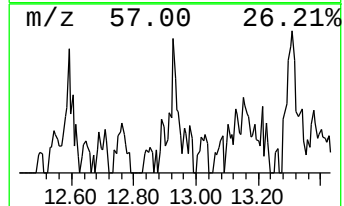
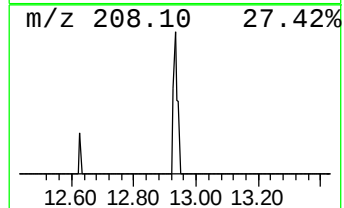
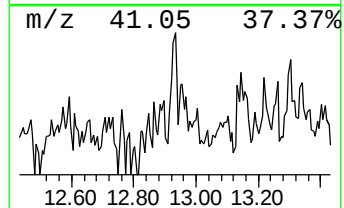
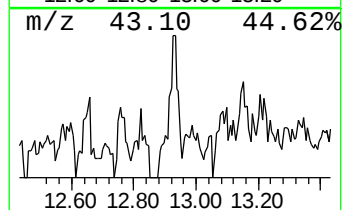
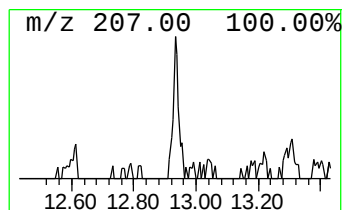
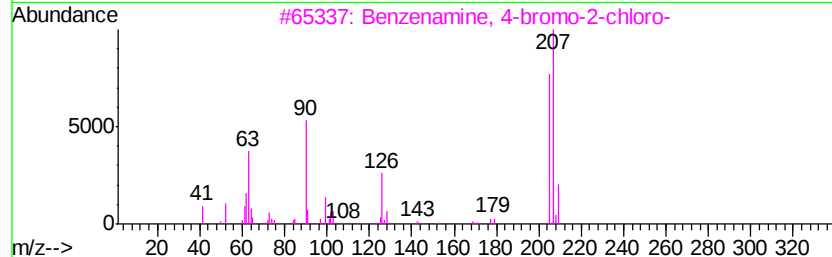
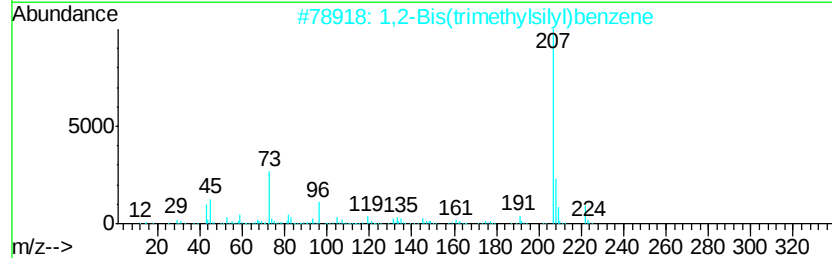
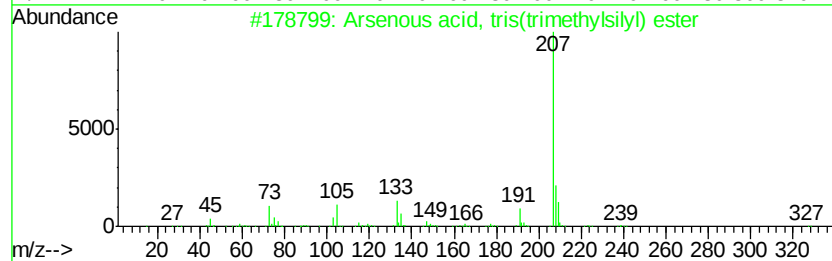
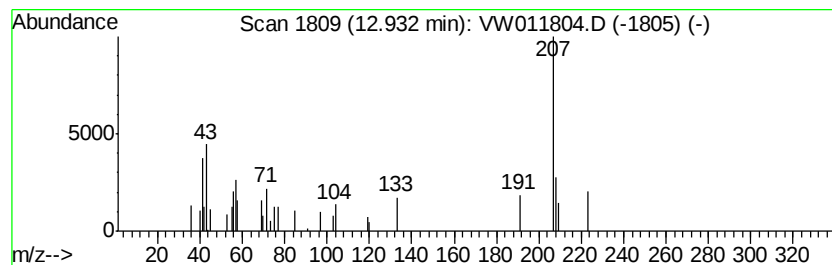
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.36 ug/L	8245	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	33
2		1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	28
3		Benzenamine, 4-bromo-2-chloro-	205	C6H5BrClN	038762-41-3	25
4		1-(3,4-Methylenedioxyphenyl)-2-p...	207	C11H13NO3	1000121-45-7	25
5		1-Methyl-2-phenylbenzimidazole	208	C14H12N2	002622-63-1	23



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011804.D
Acq On : 09 Aug 2019 11:14
Operator : SY/VA
Sample : K4215-05RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB6RE

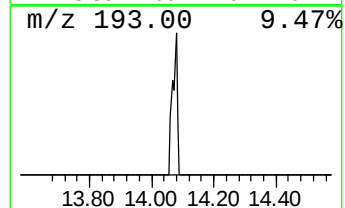
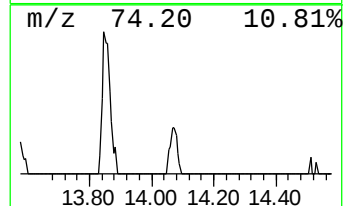
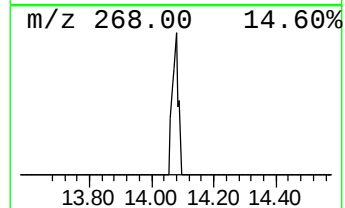
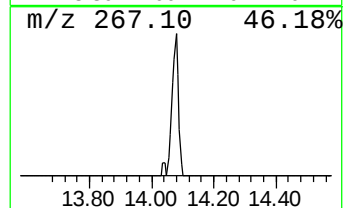
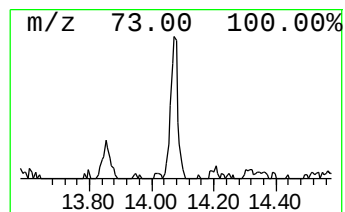
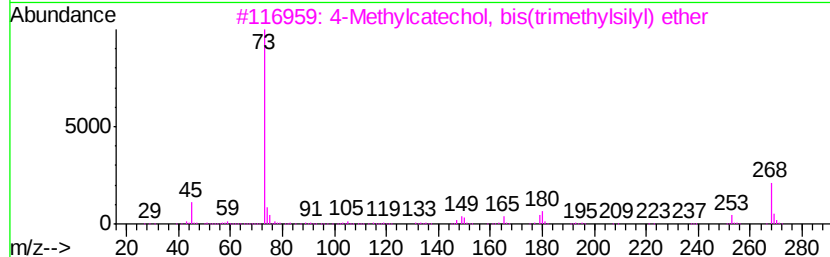
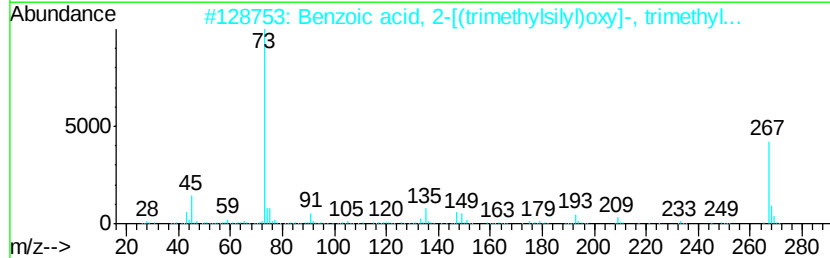
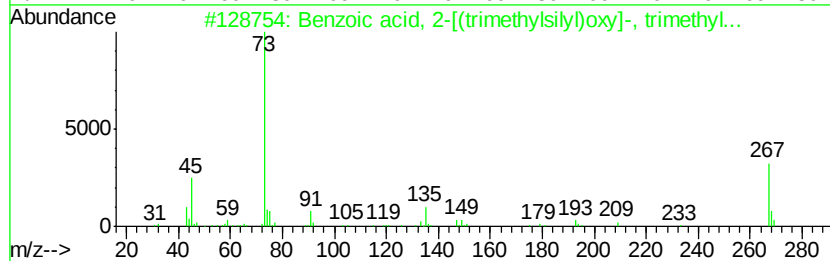
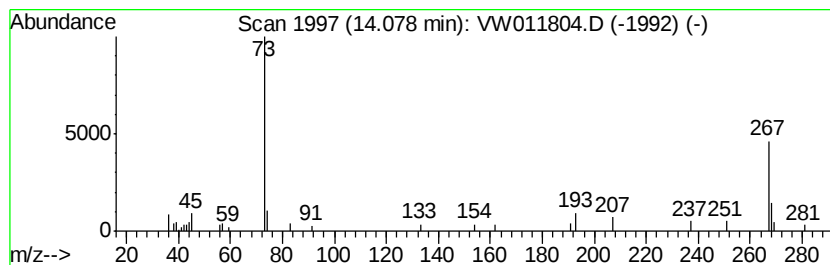
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Quant Title : VOC Analysis

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

Peak Number 6 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	1.41 ug/L	8591	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	39
2		Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	38
3		4-Methylcatechol, bis(trimethylsilyl) ether	268	C13H24O2Si2	1000332-79-9	14
4		Monobenzylidene-d-glucose	268	C13H16O6	1000127-04-3	9
5		Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl...	282	C13H22O3Si2	003789-85-3	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081119\
Data File : VW011804.D
Acq On : 09 Aug 2019 11:14
Operator : SY/VA
Sample : K4215-05RE
Misc : 5.43G/10ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB6RE

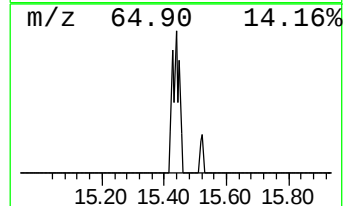
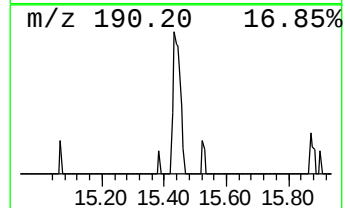
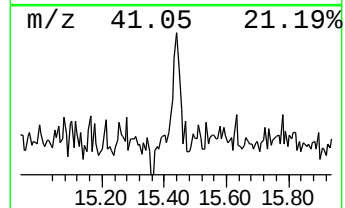
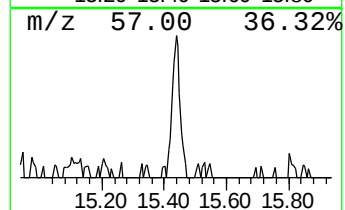
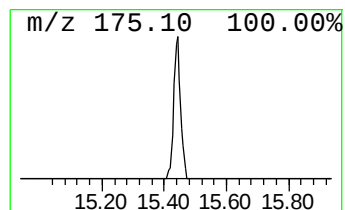
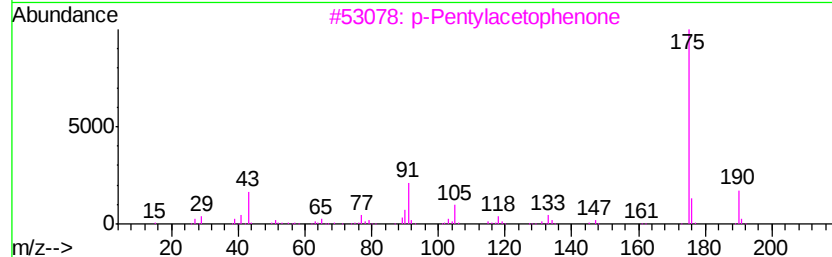
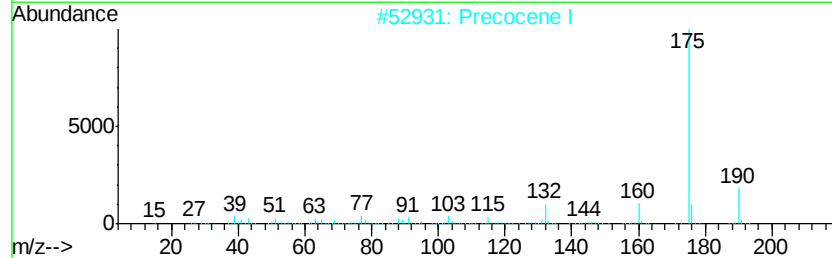
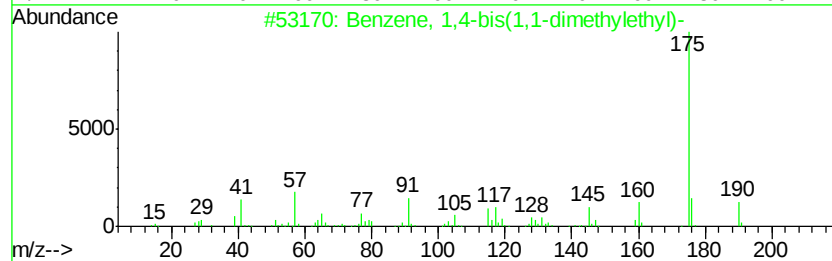
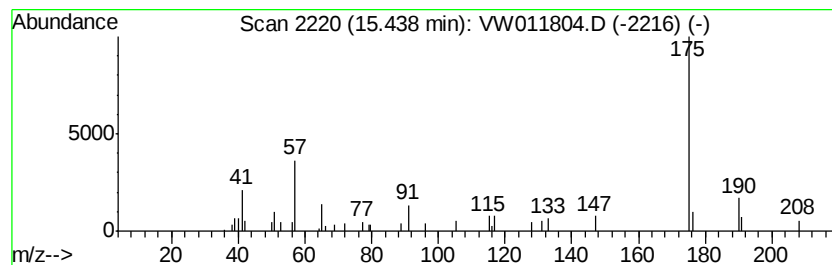
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.71 ug/L	10407	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
2		Precocene I	190	C12H14O2	017598-02-6	64
3		p-Pentylacetophenone	190	C13H18O	037593-02-5	64
4		1H-Indole-3-carboxaldehyde, 5-me...	175	C10H9NO2	010601-19-1	59
5		1H-Indole-2,3-dione, 1-methyl-, ...	175	C9H9N3O	003265-23-4	59



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081119\
Data File : VW011804.D
Acq On : 09 Aug 2019 11:14
Operator : SY/VA
Sample : K4215-05RE
Misc : 5.43G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOB6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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
(DEL) Alkane: Str...	5.93	1.4	ug/L	22428	1	8.84	395121	25.0
unknown-01	12.61	1.4	ug/L	8170	3	13.56	151801	25.0
unknown-02	12.93	1.4	ug/L	8245	3	13.56	151801	25.0
unknown-03	14.08	1.4	ug/L	8591	3	13.56	151801	25.0
Benzene, 1,4-bis(...	15.44	1.7	ug/L	10407	3	13.56	151801	25.0