

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018146.D
 Acq On : 15 Feb 2021 19:27
 Operator : SY/VA
 Sample : VIBLK25
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK25

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\SOM2WLM012921S.M

Title : VOC Analysis

Signal : TIC: VW018146.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	38	41	45	rBV3	879	1441	0.01%	0.006%
2	2.355	68	74	86	rVB	66930	135218	0.86%	0.517%
3	2.891	155	162	174	rBV	51901	127219	0.81%	0.486%
4	3.025	183	184	185	rBV	425	233	0.00%	0.001%
5	3.391	240	244	246	rBV3	401	641	0.00%	0.002%
6	3.440	251	252	256	rVB2	173	175	0.00%	0.001%
7	3.629	280	283	285	rVB	192	171	0.00%	0.001%
8	4.025	333	348	363	rBV	127308	406325	2.57%	1.554%
9	4.238	381	383	388	rVB2	225	246	0.00%	0.001%
10	4.403	404	410	412	rBV4	1049	2117	0.01%	0.008%
11	4.525	428	430	432	rBV	193	158	0.00%	0.001%
12	4.598	438	442	445	rBV2	114	187	0.00%	0.001%
13	4.732	458	464	466	rBV2	146	256	0.00%	0.001%
14	4.921	483	495	519	rVB3	17614	62287	0.39%	0.238%
15	5.177	535	537	541	rVB2	178	192	0.00%	0.001%
16	5.336	560	563	565	rBV2	146	196	0.00%	0.001%
17	5.421	574	577	579	rBV2	280	286	0.00%	0.001%
18	5.757	628	632	636	rVV3	292	515	0.00%	0.002%
19	5.939	653	662	671	rBV3	3745	10967	0.07%	0.042%
20	6.141	693	695	698	rBV2	159	173	0.00%	0.001%
21	6.330	721	726	727	rBV2	151	223	0.00%	0.001%
22	6.604	768	771	774	rBV2	160	192	0.00%	0.001%
23	6.817	804	806	808	rVB2	166	164	0.00%	0.001%
24	7.079	840	849	855	rBV	27539	75888	0.48%	0.290%
25	7.378	895	898	899	rBV2	148	160	0.00%	0.001%
26	7.524	921	922	925	rBV2	361	392	0.00%	0.001%
27	7.549	925	926	930	rVB2	324	330	0.00%	0.001%
28	7.646	931	942	958	rBV	211611	520518	3.29%	1.990%
29	7.860	972	977	979	rBV3	351	469	0.00%	0.002%
30	7.963	987	994	997	rBV4	639	1281	0.01%	0.005%
31	8.067	1006	1011	1015	rBV2	556	1027	0.01%	0.004%
32	8.152	1023	1025	1028	rVB2	136	166	0.00%	0.001%
33	8.274	1033	1045	1060	rBV2	421626	1210583	7.66%	4.629%
34	8.402	1064	1066	1071	rVB4	722	1035	0.01%	0.004%
35	8.524	1083	1086	1087	rBV2	180	185	0.00%	0.001%
36	8.622	1099	1102	1104	rBV2	224	255	0.00%	0.001%

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Title : VOC Analysis

37	8.683	1108	1112	1121	rBB3	242	612	0.00%	0.002%
38	8.841	1128	1138	1154	rBV	440624	857951	5.43%	3.280%
39	9.085	1173	1178	1184	rVB4	1545	2793	0.02%	0.011%
40	9.274	1200	1209	1218	rBV	271350	537229	3.40%	2.054%
41	9.475	1240	1242	1245	rBV2	182	257	0.00%	0.001%
42	9.518	1247	1249	1253	rVB2	276	357	0.00%	0.001%
43	9.579	1256	1259	1261	rBV2	191	261	0.00%	0.001%
44	9.622	1264	1266	1267	rBV	265	250	0.00%	0.001%
45	9.658	1269	1272	1280	rVB5	990	1813	0.01%	0.007%
46	9.798	1291	1295	1296	rBV	210	253	0.00%	0.001%
47	9.823	1296	1299	1301	rBV2	303	266	0.00%	0.001%
48	9.841	1301	1302	1306	rVB3	242	292	0.00%	0.001%
49	9.902	1308	1312	1313	rBV4	488	766	0.00%	0.003%
50	9.933	1315	1317	1319	rBV3	393	249	0.00%	0.001%
51	9.963	1319	1322	1323	rBV2	516	552	0.00%	0.002%
52	10.036	1326	1334	1345	rBV	143317	265015	1.68%	1.013%
53	10.207	1359	1362	1367	rBV7	1282	2716	0.02%	0.010%
54	10.323	1373	1381	1389	rBV	622571	1102473	6.98%	4.215%
55	10.445	1400	1401	1404	rVB3	463	287	0.00%	0.001%
56	10.493	1406	1409	1413	rVB2	323	337	0.00%	0.001%
57	10.579	1415	1423	1432	rBV	89575	153443	0.97%	0.587%
58	10.701	1437	1443	1450	rBV	39013	70510	0.45%	0.270%
59	10.774	1453	1455	1457	rBV2	237	264	0.00%	0.001%
60	10.853	1462	1468	1473	rBV6	1418	2833	0.02%	0.011%
61	10.926	1473	1480	1492	rBV	111816	191008	1.21%	0.730%
62	11.067	1496	1503	1509	rBV2	13167	21867	0.14%	0.084%
63	11.176	1517	1521	1523	rBV4	2223	3402	0.02%	0.013%
64	11.365	1525	1552	1553	rBV3	152161	607051	3.84%	2.321%
65	11.627	1589	1595	1604	rVB	581539	1013639	6.42%	3.876%
66	12.158	1648	1682	1707	rBV2	2241966	15797625	100.00%	60.404%
67	12.457	1729	1731	1737	rVB5	2010	3216	0.02%	0.012%
68	12.609	1750	1756	1763	rVB	63095	113903	0.72%	0.436%
69	12.694	1763	1770	1777	rVB	199422	332371	2.10%	1.271%
70	12.920	1801	1807	1814	rBV	80024	134726	0.85%	0.515%
71	13.194	1849	1852	1854	rBV4	1389	1994	0.01%	0.008%
72	13.249	1858	1861	1865	rVV4	4122	6542	0.04%	0.025%
73	13.408	1883	1887	1889	rBV4	1744	2743	0.02%	0.010%
74	13.499	1889	1902	1905	rVV4	23636	87270	0.55%	0.334%
75	13.554	1905	1911	1922	rVB	660734	1085070	6.87%	4.149%
76	13.853	1953	1960	1967	rBV	585214	954565	6.04%	3.650%

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Title : VOC Analysis

77	14.066	1990	1995	2005	rVB2	30419	51735	0.33%	0.198%
78	14.182	2012	2014	2020	rBV7	860	1548	0.01%	0.006%
79	14.334	2030	2039	2042	rBV9	3317	9002	0.06%	0.034%
80	14.517	2056	2069	2082	rVB3	21877	79676	0.50%	0.305%
81	14.633	2082	2088	2093	rBV6	2421	5915	0.04%	0.023%
82	14.688	2095	2097	2098	rVV2	1014	680	0.00%	0.003%
83	14.724	2099	2103	2110	rVB10	2541	6524	0.04%	0.025%
84	14.895	2125	2131	2148	rVB5	6668	25501	0.16%	0.098%
85	15.011	2148	2150	2158	rVB6	1343	2468	0.02%	0.009%
86	15.090	2161	2163	2165	rBV2	720	677	0.00%	0.003%
87	15.200	2174	2181	2192	rVB2	2341	6840	0.04%	0.026%
88	15.304	2197	2198	2200	rVB2	775	418	0.00%	0.002%
89	15.334	2200	2203	2204	rBV3	711	863	0.01%	0.003%
90	15.365	2205	2208	2210	rBV3	1071	1164	0.01%	0.004%
91	15.438	2215	2220	2224	rBV2	8809	13076	0.08%	0.050%
92	15.493	2224	2229	2233	rBV	7460	13641	0.09%	0.052%
93	15.682	2256	2260	2265	rVB7	1517	2773	0.02%	0.011%
94	15.767	2270	2274	2277	rBV5	1138	2142	0.01%	0.008%
95	15.840	2284	2286	2290	rVB4	1587	1853	0.01%	0.007%
96	15.913	2296	2298	2300	rBV4	358	331	0.00%	0.001%
97	15.962	2301	2306	2307	rBV3	1047	1815	0.01%	0.007%
98	16.127	2331	2333	2334	rBV2	470	350	0.00%	0.001%
99	16.346	2367	2369	2371	rVB2	493	270	0.00%	0.001%
100	16.596	2404	2410	2412	rBV5	1709	3355	0.02%	0.013%

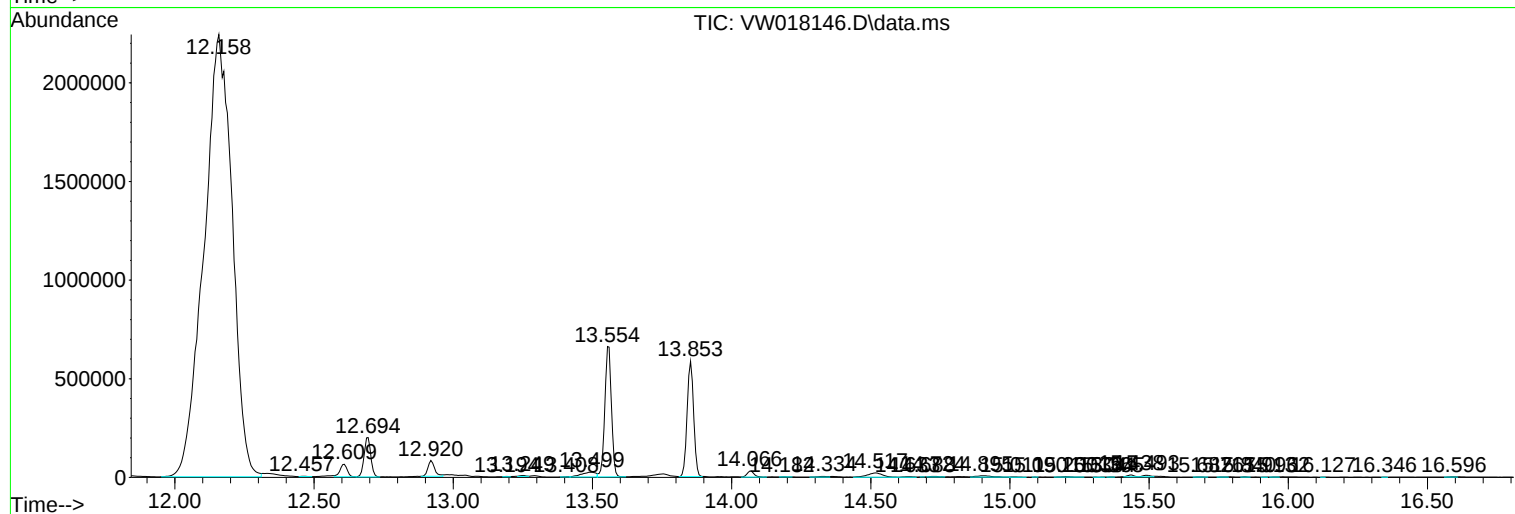
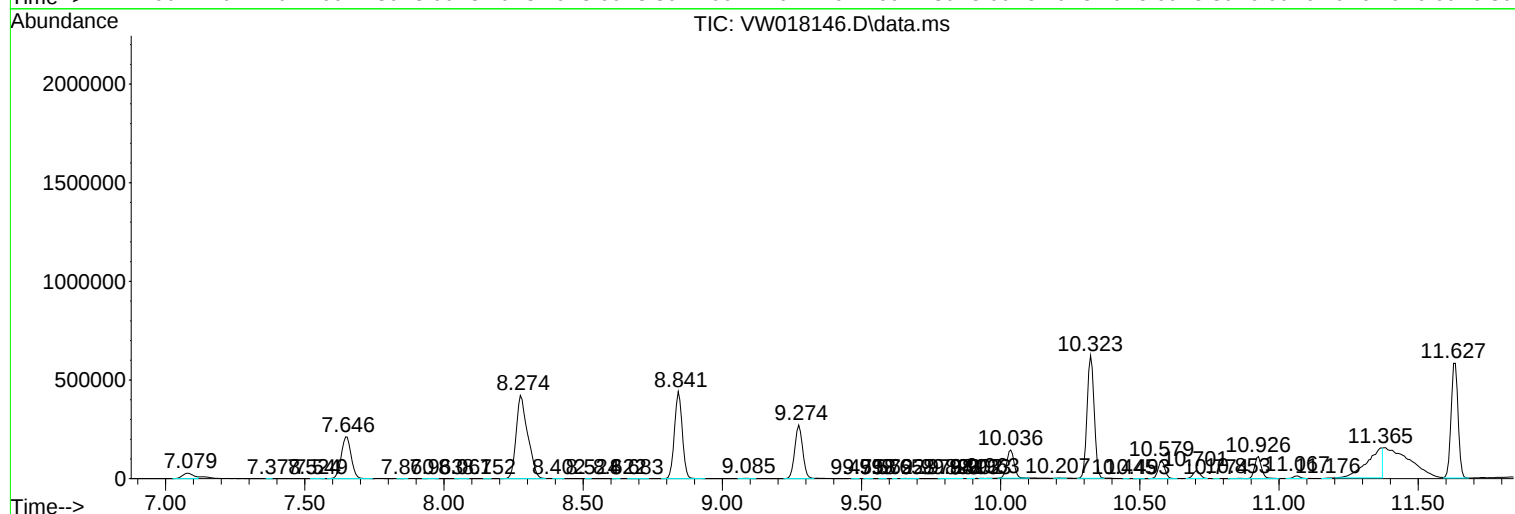
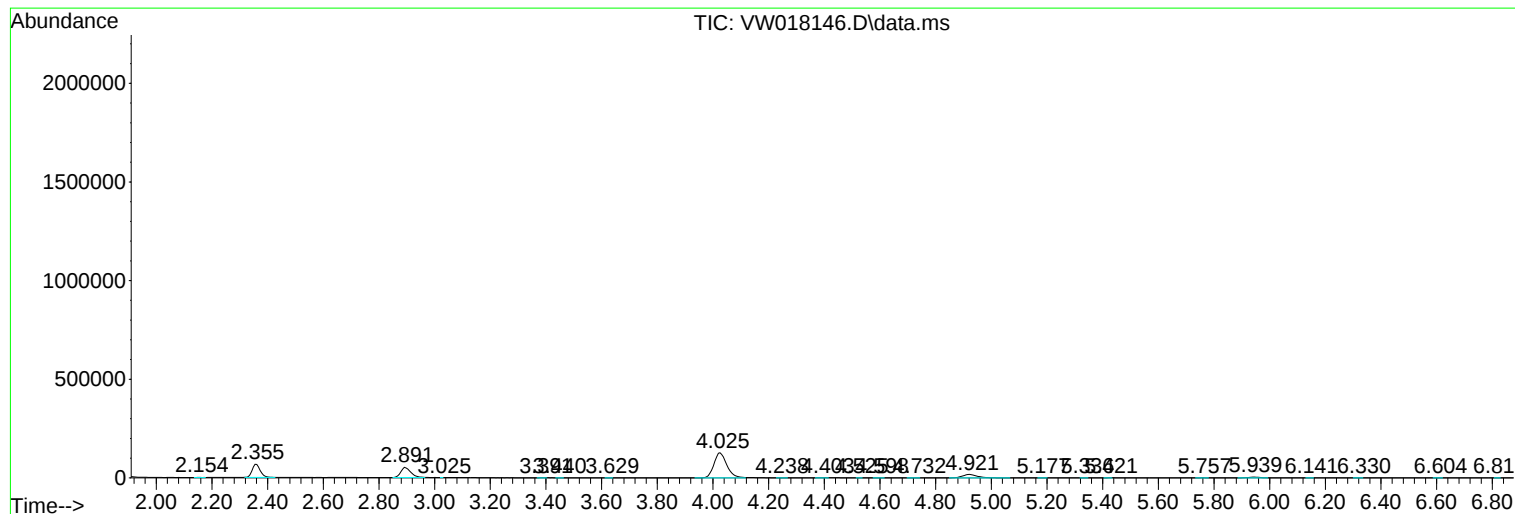
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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



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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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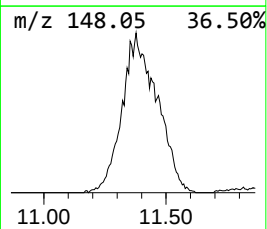
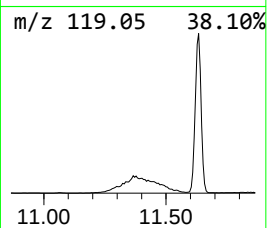
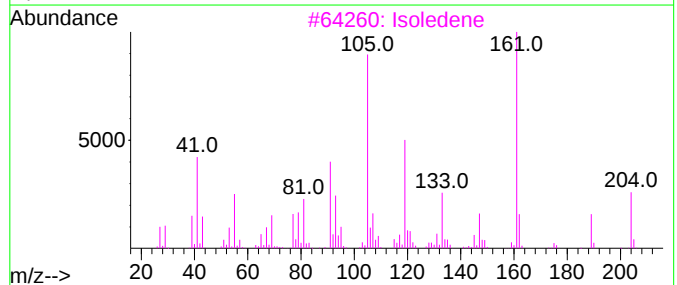
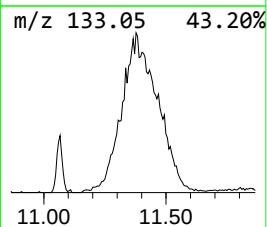
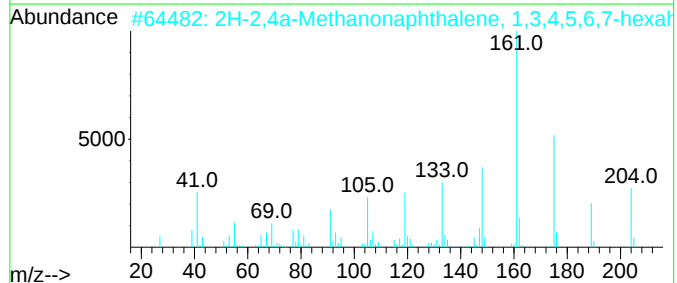
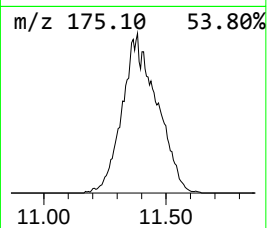
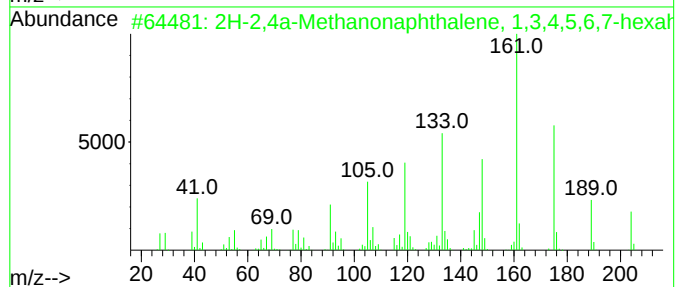
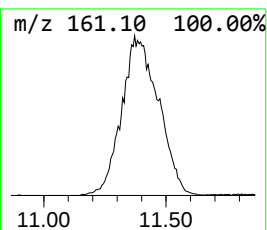
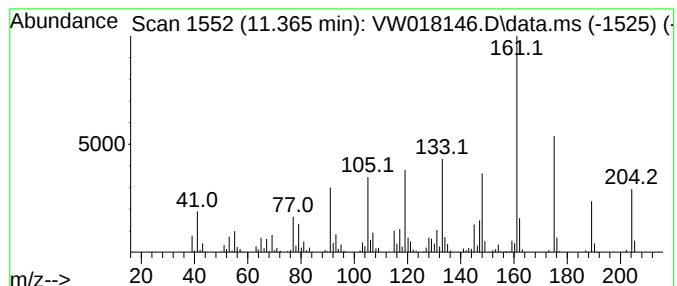
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 3 2H-2,4a-Methanonaphthalene,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.365	14.97 ug/L	607051	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	98
2			2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	97
3			Isolodene	204	C15H24	1000156-10-8	91
4			2H-2,4a-Methanonaphthalene, 1,3,...	204	C15H24	001135-66-6	91
5			Cyclohexene, 6-ethenyl-6-methyl-...	204	C15H24	005951-67-7	83



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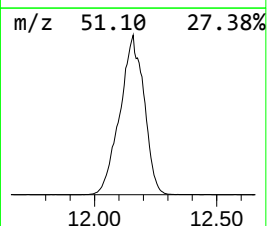
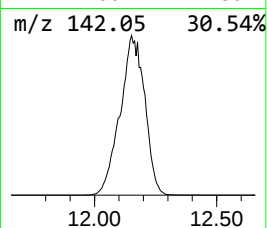
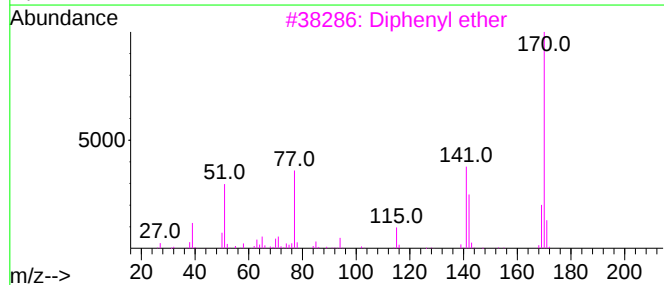
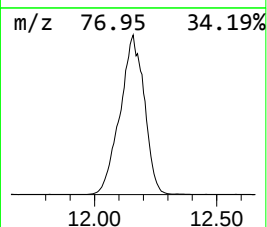
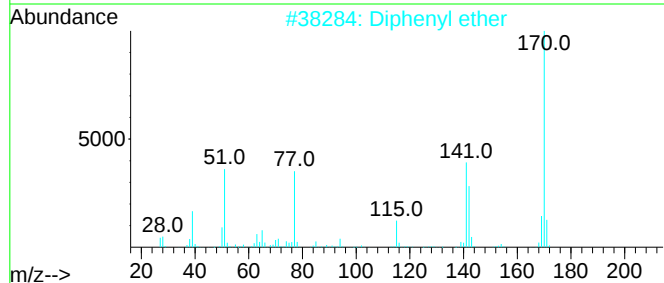
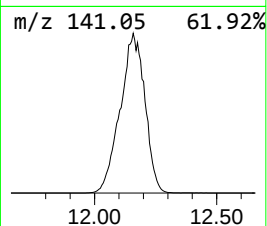
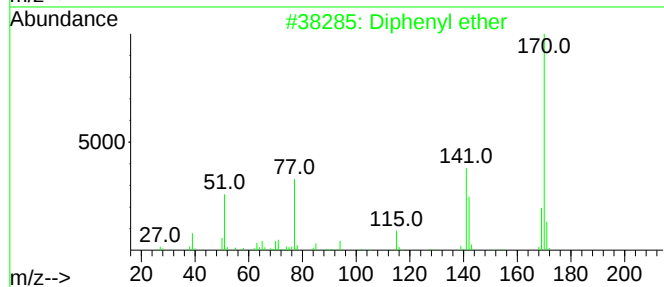
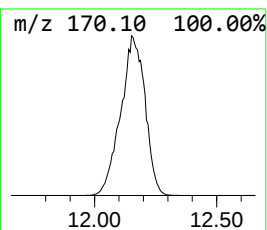
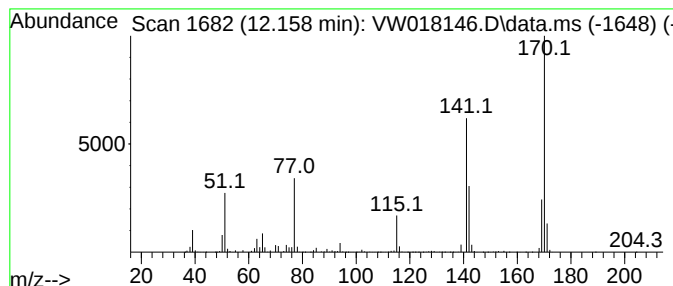
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Quant Title : VOC Analysis

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

Peak Number 4 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.158	389.63 ug/L	15797600	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diphenyl ether	170	C12H10O	000101-84-8	93
2			Diphenyl ether	170	C12H10O	000101-84-8	91
3			Diphenyl ether	170	C12H10O	000101-84-8	91
4			Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	53
5			Diphenyl ether	170	C12H10O	000101-84-8	50



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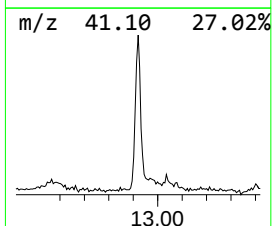
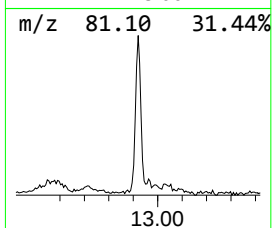
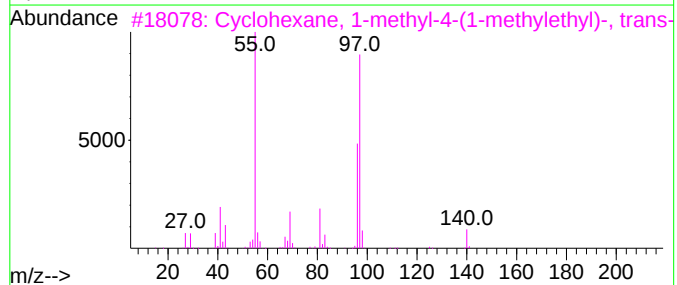
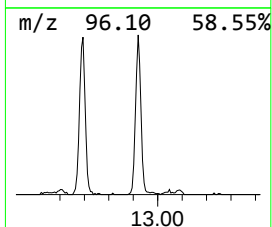
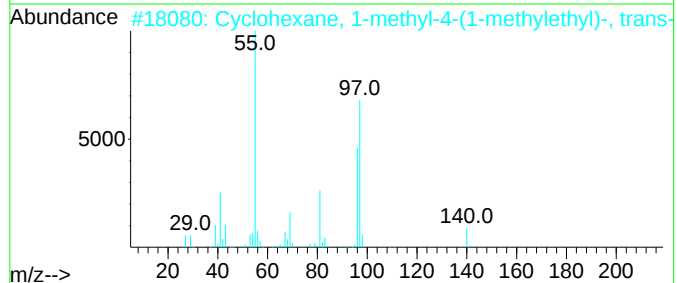
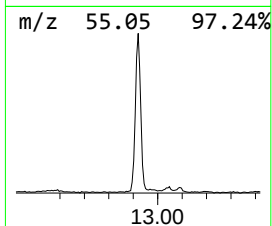
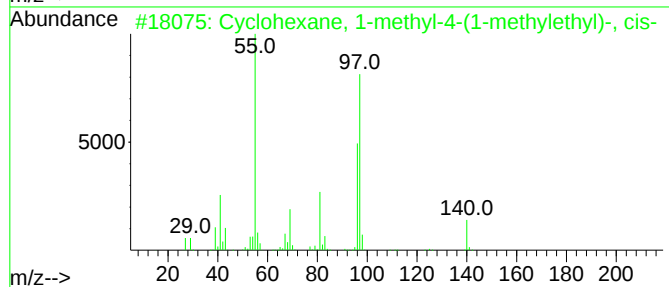
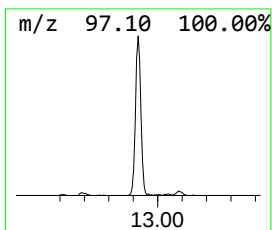
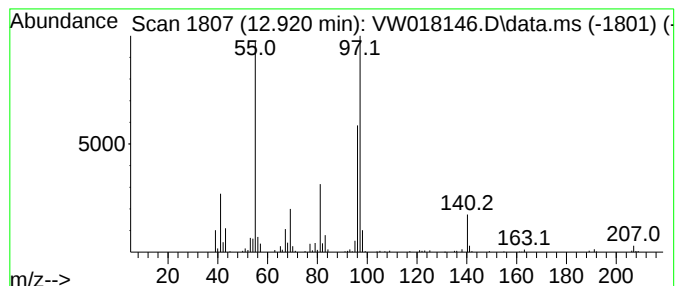
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic12.920 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	3.10 ug/L	134726	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	95
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	95
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	91
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	91
5			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
Data File : VW018146.D
Acq On : 15 Feb 2021 19:27
Operator : SY/VA
Sample : VIBLK25
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK25

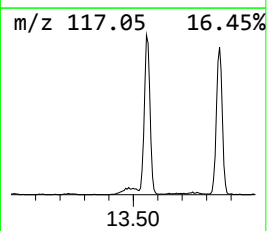
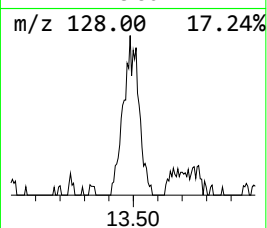
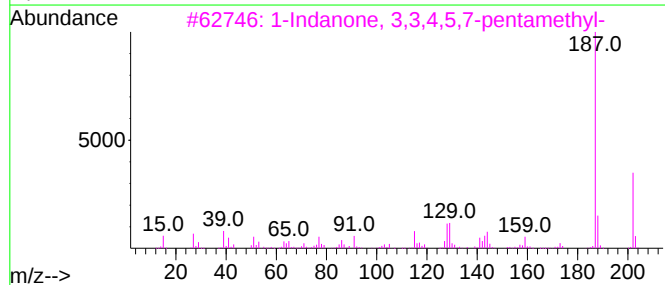
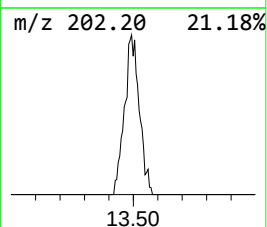
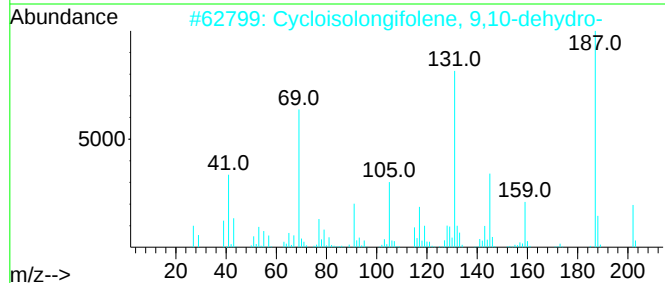
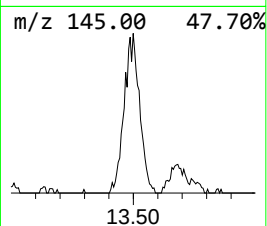
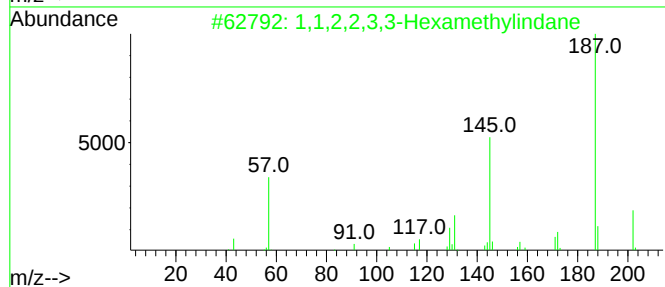
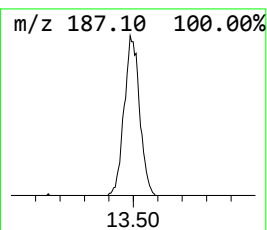
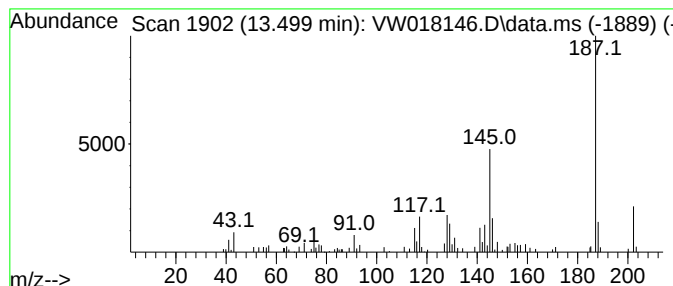
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Quant Title : VOC Analysis

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

Peak Number 7 1,1,2,2,3,3-Hexamethylindane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.499	2.01 ug/L	87270	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,2,2,3,3-Hexamethylindane	202	C15H22	091324-94-6	81
2			Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	80
3			1-Indanone, 3,3,4,5,7-pentamethyl-	202	C14H18O	010425-83-9	62
4			1-Indanone, 3,3,5,6,7-pentamethyl-	202	C14H18O	016204-69-6	62
5			1(2H)-Naphthalenone, 7-(1,1-dime...	202	C14H18O	022583-68-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
Data File : VW018146.D
Acq On : 15 Feb 2021 19:27
Operator : SY/VA
Sample : VIBLK25
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK25

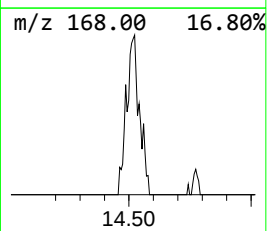
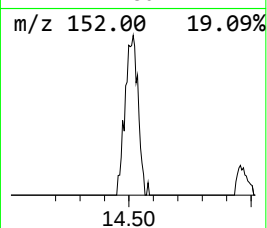
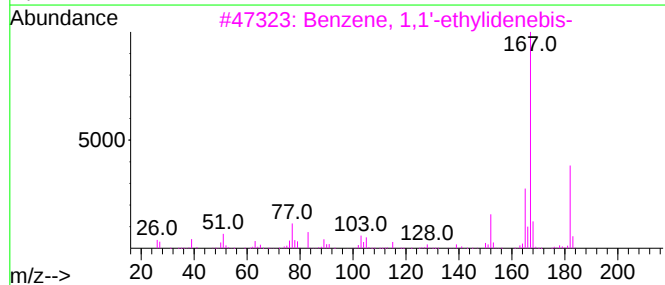
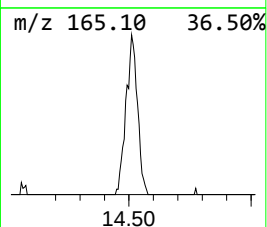
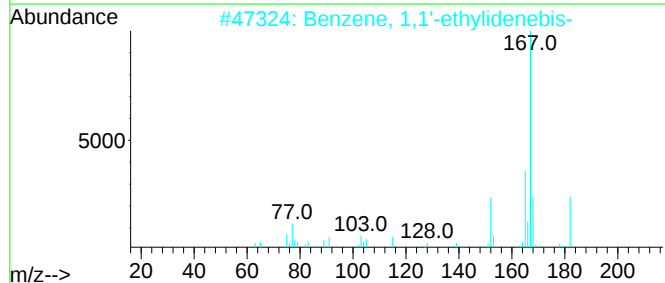
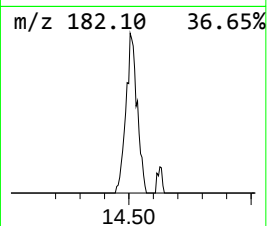
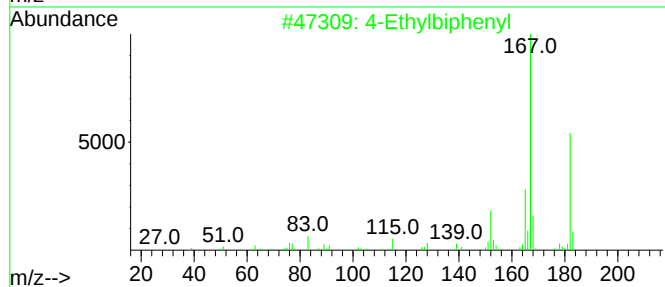
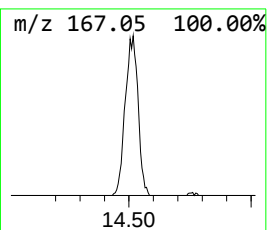
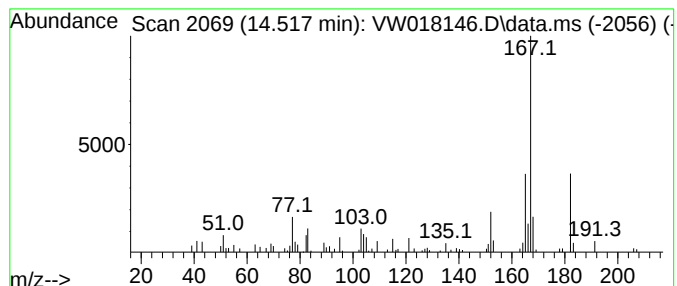
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Quant Title : VOC Analysis

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

Peak Number 8 4-Ethylbiphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.517	1.84 ug/L	79676	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethylbiphenyl	182	C14H14	005707-44-8	93
2			Benzene, 1,1'-ethyldienebis-	182	C14H14	000612-00-0	91
3			Benzene, 1,1'-ethyldienebis-	182	C14H14	000612-00-0	90
4			Benzene, 1,1'-ethyldienebis-	182	C14H14	000612-00-0	90
5			Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
Data File : VW018146.D
Acq On : 15 Feb 2021 19:27
Operator : SY/VA
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.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
2H-2,4a-Methano...	11.365	15.0	ug/L	607051	2	11.634	1013640	25.0
Diphenyl ether	12.158	389.6	ug/L	15797600	2	11.634	1013640	25.0
(DEL) Alkane: C...	12.920	3.1	ug/L	134726	3	13.554	1085070	25.0
1,1,2,2,3,3-Hex...	13.499	2.0	ug/L	87270	3	13.554	1085070	25.0
4-Ethylbiphenyl	14.517	1.8	ug/L	79676	3	13.554	1085070	25.0