

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
 Data File : VW018095.D
 Acq On : 11 Feb 2021 19:13
 Operator : SY/VA
 Sample : M1370-11
 Misc : 6.21G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGY7

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: VW018095.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	6	9	22	rVB3	13074	29456	2.48%	0.386%
2	2.355	69	74	85	rVB	75229	141955	11.93%	1.858%
3	2.891	154	162	178	rBV	56600	141751	11.92%	1.855%
4	3.257	220	222	225	rBV2	199	255	0.02%	0.003%
5	3.391	238	244	247	rBV4	648	1525	0.13%	0.020%
6	3.544	266	269	270	rVB2	296	218	0.02%	0.003%
7	3.568	270	273	276	rBV3	242	371	0.03%	0.005%
8	3.629	282	283	286	rVB	223	141	0.01%	0.002%
9	3.690	292	293	296	rBV2	116	130	0.01%	0.002%
10	3.721	296	298	301	rVB2	161	154	0.01%	0.002%
11	3.745	301	302	303	rBV	362	179	0.02%	0.002%
12	4.025	335	348	358	rBV	122239	388992	32.70%	5.091%
13	4.129	358	365	377	rVB	59431	168194	14.14%	2.201%
14	4.312	393	395	399	rVB3	246	333	0.03%	0.004%
15	4.342	399	400	401	rBV	311	205	0.02%	0.003%
16	4.537	430	432	437	rVB	214	174	0.01%	0.002%
17	4.580	437	439	443	rVB2	198	196	0.02%	0.003%
18	4.641	446	449	451	rBV2	157	181	0.02%	0.002%
19	4.659	451	452	457	rBV3	181	249	0.02%	0.003%
20	4.696	457	458	462	rVB2	171	133	0.01%	0.002%
21	4.739	462	465	466	rVB2	206	158	0.01%	0.002%
22	4.757	466	468	472	rBV	156	180	0.02%	0.002%
23	4.915	483	494	508	rBV2	9886	35986	3.03%	0.471%
24	5.202	536	541	542	rBV2	183	212	0.02%	0.003%
25	5.562	597	600	601	rBV	115	130	0.01%	0.002%
26	5.940	652	662	672	rVV6	2143	6330	0.53%	0.083%
27	6.013	672	674	678	rVB2	112	147	0.01%	0.002%
28	6.391	733	736	738	rBV	219	164	0.01%	0.002%
29	6.440	742	744	746	rBV2	111	122	0.01%	0.002%
30	6.519	755	757	759	rVB	182	130	0.01%	0.002%
31	6.744	791	794	795	rBV2	167	128	0.01%	0.002%
32	7.000	835	836	839	rBV	131	143	0.01%	0.002%
33	7.080	840	849	860	rBV	26930	79331	6.67%	1.038%
34	7.464	908	912	914	rVV2	105	151	0.01%	0.002%
35	7.647	931	942	953	rBV	202686	502175	42.22%	6.573%
36	7.927	985	988	989	rBV2	277	240	0.02%	0.003%

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Integrator: RTE

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

37	8.183	1028	1030	1034	rBV	194	169	0.01%	0.002%
38	8.275	1034	1045	1063	rBV2	391899	1189464	100.00%	15.569%
39	8.482	1073	1079	1085	rBV2	1029	2233	0.19%	0.029%
40	8.537	1085	1088	1090	rVV2	329	248	0.02%	0.003%
41	8.622	1100	1102	1107	rVB2	377	433	0.04%	0.006%
42	8.701	1108	1115	1123	rVB3	1583	3317	0.28%	0.043%
43	8.842	1129	1138	1150	rBV	407369	780587	65.63%	10.217%
44	8.970	1158	1159	1162	rVB2	235	174	0.01%	0.002%
45	9.073	1171	1176	1184	rBV4	1201	2125	0.18%	0.028%
46	9.274	1200	1209	1225	rBV	262256	523217	43.99%	6.848%
47	9.463	1233	1240	1247	rVB4	440	1067	0.09%	0.014%
48	9.579	1256	1259	1261	rVB	141	144	0.01%	0.002%
49	9.628	1264	1267	1268	rBV2	159	162	0.01%	0.002%
50	9.665	1268	1273	1278	rBV2	511	844	0.07%	0.011%
51	9.756	1283	1288	1296	rBV4	1907	3915	0.33%	0.051%
52	9.866	1299	1306	1307	rBV2	671	999	0.08%	0.013%
53	9.890	1307	1310	1317	rVB4	2261	4253	0.36%	0.056%
54	9.945	1317	1319	1321	rBV2	195	209	0.02%	0.003%
55	10.036	1325	1334	1345	rBV	125323	228402	19.20%	2.990%
56	10.128	1345	1349	1356	rVB5	628	1265	0.11%	0.017%
57	10.250	1359	1369	1373	rBV2	2844	5317	0.45%	0.070%
58	10.323	1373	1381	1387	rBV	513939	884618	74.37%	11.579%
59	10.390	1387	1392	1403	rVB	47005	83453	7.02%	1.092%
60	10.506	1406	1411	1415	rVB4	1032	1778	0.15%	0.023%
61	10.579	1415	1423	1435	rBB	74985	129657	10.90%	1.697%
62	10.701	1438	1443	1449	rBV2	1994	3613	0.30%	0.047%
63	10.768	1451	1454	1460	rVB4	799	1315	0.11%	0.017%
64	10.853	1465	1468	1471	rVB2	378	376	0.03%	0.005%
65	10.927	1472	1480	1493	rBV	102163	182922	15.38%	2.394%
66	11.061	1500	1502	1512	rVB6	788	1543	0.13%	0.020%
67	11.164	1517	1519	1520	rBV	297	184	0.02%	0.002%
68	11.231	1527	1530	1533	rVB3	227	215	0.02%	0.003%
69	11.335	1545	1547	1552	rBV3	306	359	0.03%	0.005%
70	11.439	1562	1564	1566	rVB	413	261	0.02%	0.003%
71	11.536	1578	1580	1582	rVB	212	151	0.01%	0.002%
72	11.628	1587	1595	1604	rBV	408162	707427	59.47%	9.259%
73	11.823	1622	1627	1632	rBV7	2009	4548	0.38%	0.060%
74	12.067	1666	1667	1669	rBV2	318	266	0.02%	0.003%
75	12.134	1671	1678	1681	rBV5	745	1643	0.14%	0.022%
76	12.365	1710	1716	1722	rVB4	3431	5913	0.50%	0.077%

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77	12.469	1728	1733	1737	rBV4	3799	6236	0.52%	0.082%
78	12.518	1738	1741	1748	rVB5	930	1539	0.13%	0.020%
79	12.603	1748	1755	1762	rBV2	5216	9312	0.78%	0.122%
80	12.688	1762	1769	1780	rBV	171809	309511	26.02%	4.051%
81	12.865	1792	1798	1800	rBV3	937	1537	0.13%	0.020%
82	12.920	1800	1807	1821	rVV4	12085	33997	2.86%	0.445%
83	13.048	1821	1828	1836	rVB4	10001	21007	1.77%	0.275%
84	13.164	1846	1847	1848	rBV	331	199	0.02%	0.003%
85	13.201	1848	1853	1858	rVV5	4853	8012	0.67%	0.105%
86	13.249	1858	1861	1865	rVB	2606	3216	0.27%	0.042%
87	13.396	1874	1885	1890	rBV7	2215	6279	0.53%	0.082%
88	13.554	1905	1911	1920	rVB	260002	414242	34.83%	5.422%
89	13.755	1940	1944	1947	rBV5	1375	2298	0.19%	0.030%
90	13.853	1953	1960	1966	rBV	242242	392838	33.03%	5.142%
91	14.188	2010	2015	2022	rBV6	5378	11337	0.95%	0.148%
92	14.621	2081	2086	2090	rBV4	1381	2569	0.22%	0.034%
93	14.847	2122	2123	2124	rBV	449	183	0.02%	0.002%
94	14.889	2125	2130	2135	rVB4	6671	10780	0.91%	0.141%
95	15.133	2168	2170	2171	rVB2	399	167	0.01%	0.002%
96	15.310	2196	2199	2202	rBV3	552	570	0.05%	0.007%
97	15.487	2222	2228	2239	rBV	32320	58790	4.94%	0.769%
98	15.792	2274	2278	2285	rVB6	3916	7199	0.61%	0.094%
99	15.981	2301	2309	2316	rBV2	16362	33705	2.83%	0.441%
100	16.523	2392	2398	2403	rBV2	20889	45201	3.80%	0.592%

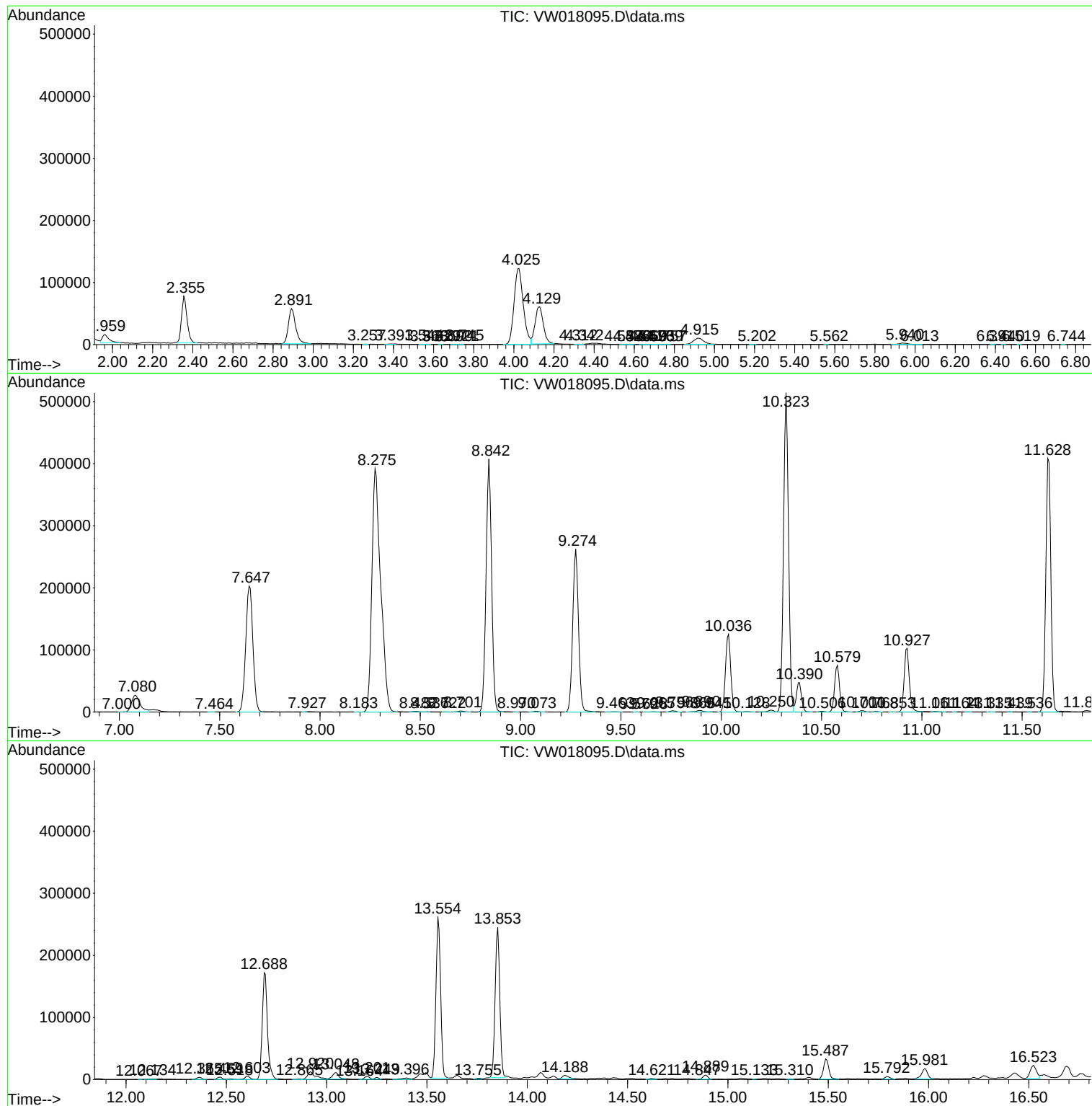
Sum of corrected areas: 7640029

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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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
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ALS Vial : 21 Sample Multiplier: 1

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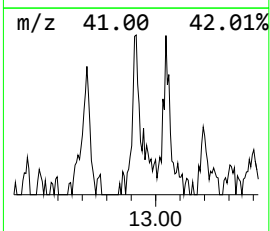
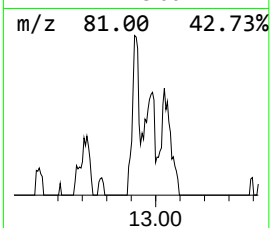
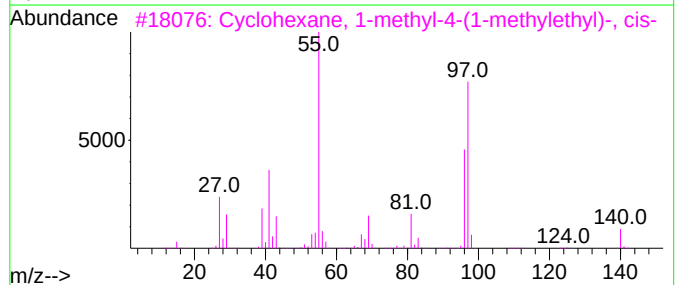
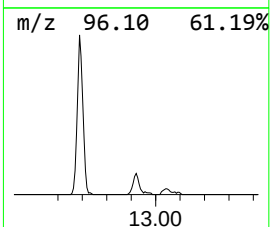
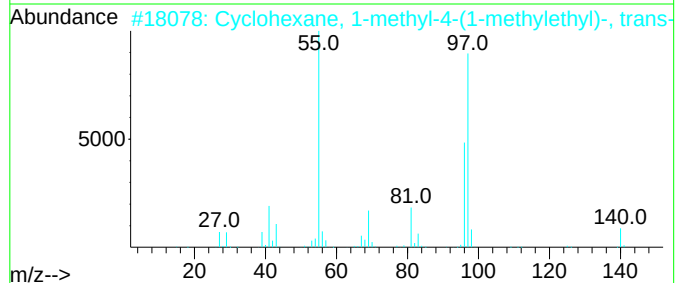
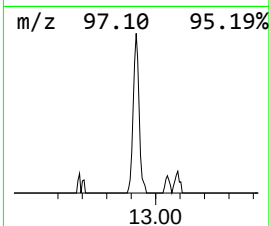
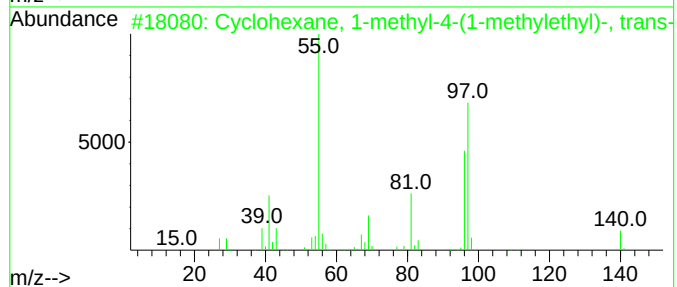
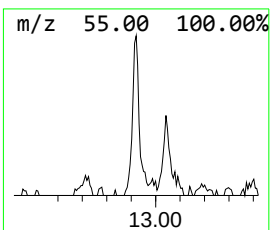
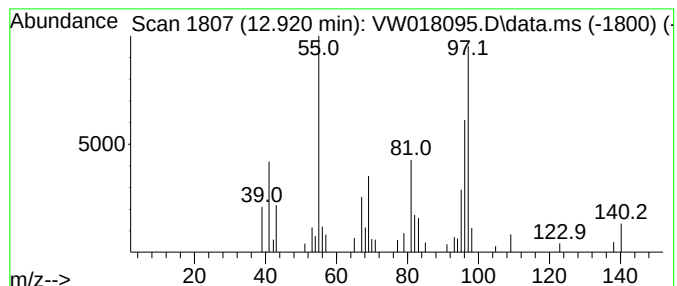
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Cyclic12.920 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	2.05 ug/L	33997	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64



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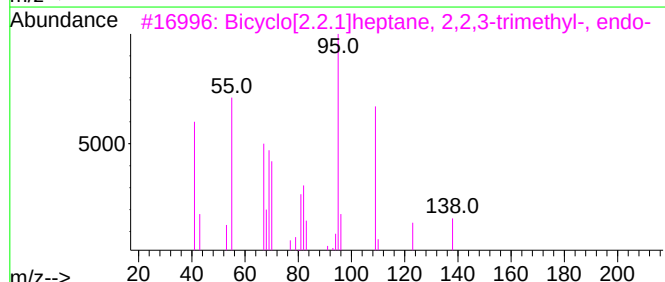
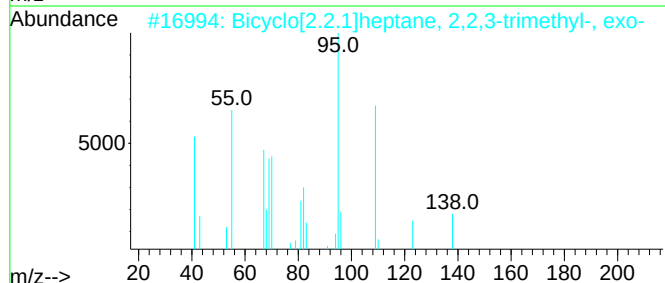
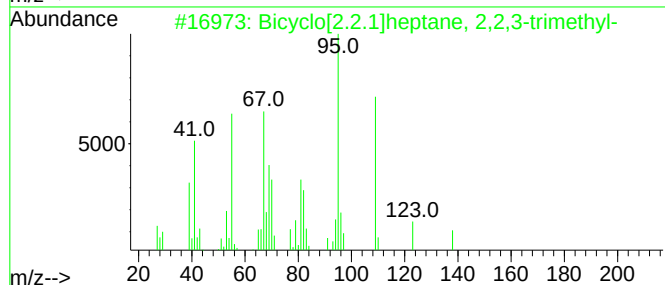
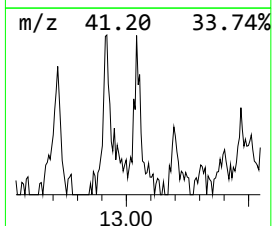
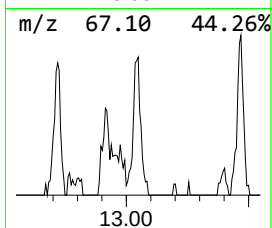
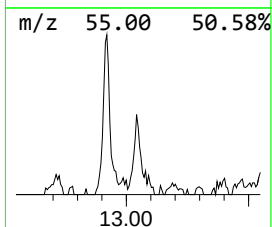
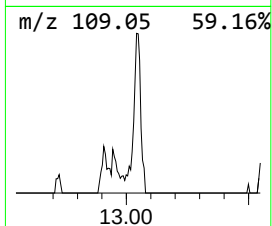
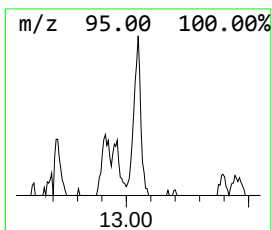
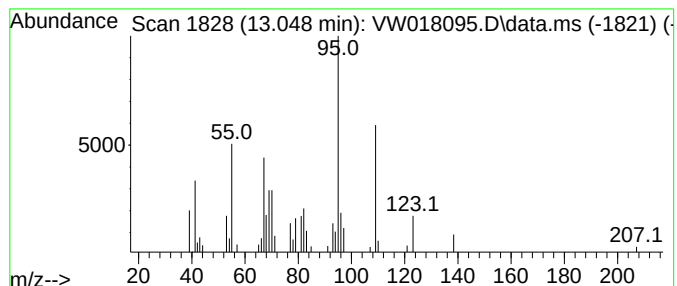
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 3 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.048	1.27 ug/L	21007	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	93
2			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	87
3			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	87
4			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	013828-34-7	53
5			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	53



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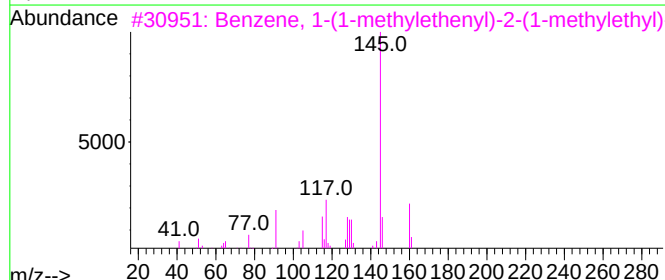
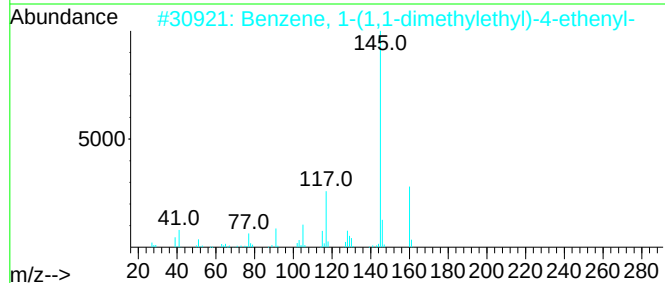
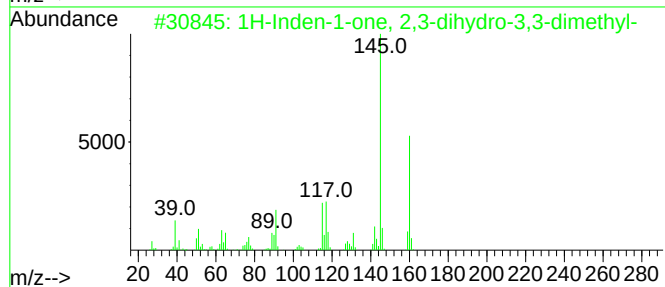
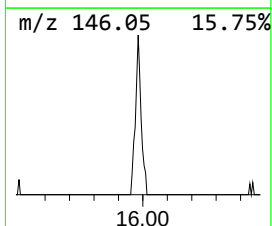
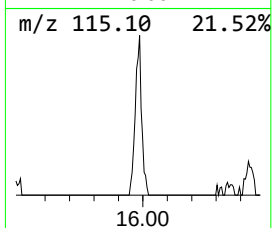
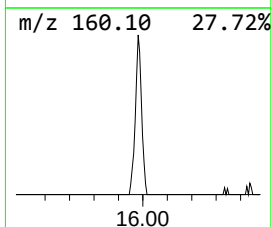
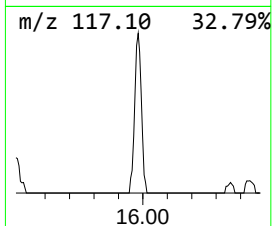
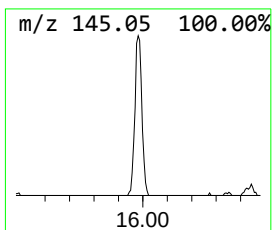
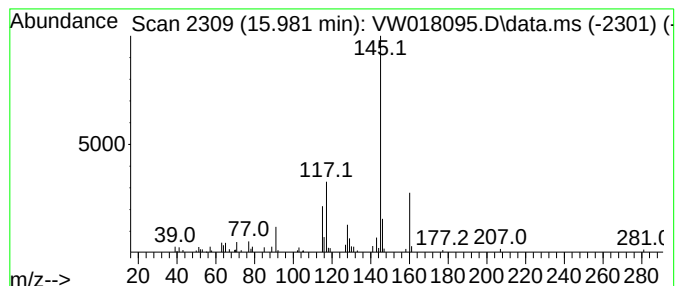
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 5 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	2.03 ug/L	33705	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	87
2			Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	87
3			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	80
4			Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	80
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
Data File : VW018095.D
Acq On : 11 Feb 2021 19:13
Operator : SY/VA
Sample : M1370-11
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGY7

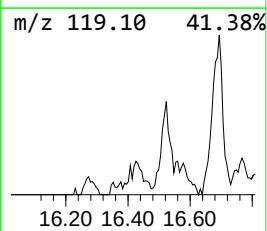
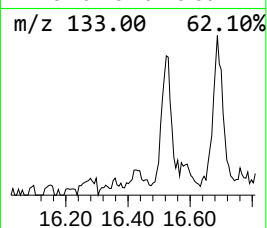
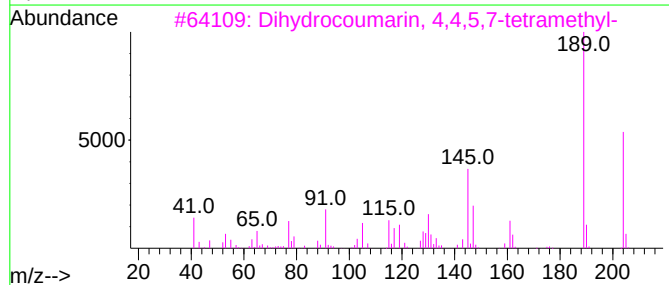
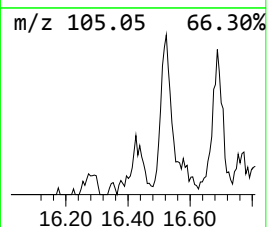
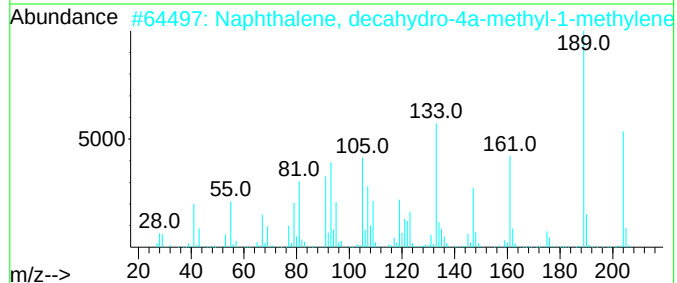
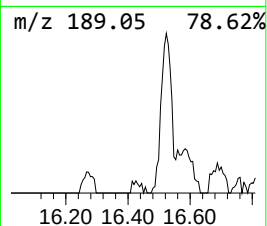
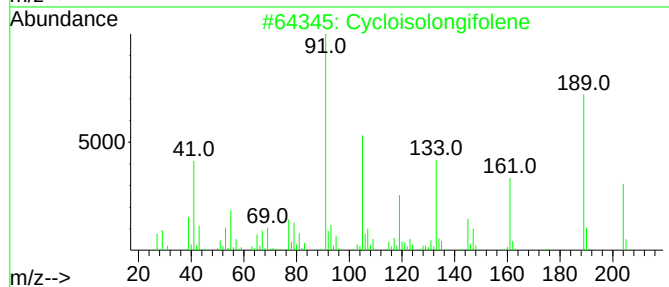
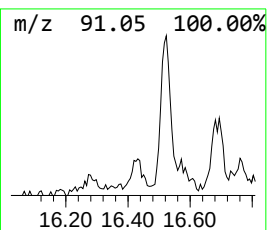
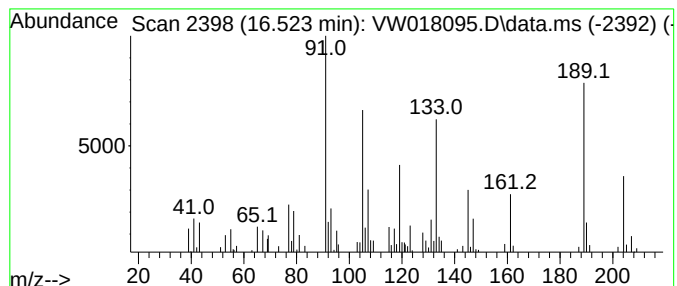
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Quant Title : VOC Analysis

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

Peak Number 6 Cycloisolongifolene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.523	2.73 ug/L	45201	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloisolongifolene	204	C15H24	1000151-99-7	92
2			Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	83
3			Dihydrocoumarin, 4,4,5,7-tetrame...	204	C13H16O2	040662-14-4	70
4			Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	64
5			Lilial	204	C14H20O	000080-54-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021121\
Data File : VW018095.D
Acq On : 11 Feb 2021 19:13
Operator : SY/VA
Sample : M1370-11
Misc : 6.21G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGY7

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
(DEL) Alkane: C...	12.920	2.0	ug/L	33997	3	13.554	414242	25.0
Bicyclo[2.2.1]h...	13.048	1.3	ug/L	21007	3	13.554	414242	25.0
1H-Inden-1-one,...	15.980	2.0	ug/L	33705	3	13.554	414242	25.0
Cycloisolongifo...	16.523	2.7	ug/L	45201	3	13.554	414242	25.0