

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100220\
 Data File : VW016755.D
 Acq On : 02 Oct 2020 11:54
 Operator : SY/VA
 Sample : L4201-16
 Misc : 5.85G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AJ8

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\SOM2WLM091520S.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	2.367	70	76	89	rVB	78917	167979	10.24%	1.076%
2	2.910	157	165	179	rBV	63681	177260	10.80%	1.136%
3	3.275	223	225	229	rVB2	758	849	0.05%	0.005%
4	3.397	239	245	249	rBV3	897	2052	0.13%	0.013%
5	3.501	260	262	264	rBV2	362	445	0.03%	0.003%
6	3.574	272	274	277	rVB	478	505	0.03%	0.003%
7	3.617	277	281	284	rBV2	356	422	0.03%	0.003%
8	3.702	293	295	302	rVB3	594	552	0.03%	0.004%
9	3.806	309	312	314	rBV2	384	439	0.03%	0.003%
10	3.849	314	319	320	rBV3	272	326	0.02%	0.002%
11	4.031	337	349	380	rVB2	167270	532522	32.45%	3.412%
12	4.263	384	387	391	rVB2	409	621	0.04%	0.004%
13	4.294	391	392	395	rBV2	407	423	0.03%	0.003%
14	4.391	404	408	410	rBV3	560	767	0.05%	0.005%
15	4.440	415	416	420	rVB3	391	374	0.02%	0.002%
16	4.629	444	447	449	rVB2	370	341	0.02%	0.002%
17	4.659	449	452	453	rBV2	301	327	0.02%	0.002%
18	4.757	463	468	472	rBV2	321	409	0.02%	0.003%
19	4.928	486	496	511	rBV3	11487	42299	2.58%	0.271%
20	5.117	525	527	528	rBV	554	468	0.03%	0.003%
21	5.592	602	605	606	rBV2	504	459	0.03%	0.003%
22	5.690	616	621	623	rBV2	226	391	0.02%	0.003%
23	5.763	629	633	634	rBV2	575	533	0.03%	0.003%
24	5.952	654	664	674	rVB5	3080	9155	0.56%	0.059%
25	6.086	682	686	688	rVB2	338	458	0.03%	0.003%
26	6.116	688	691	695	rBV	424	567	0.03%	0.004%
27	6.415	736	740	742	rBV2	268	327	0.02%	0.002%
28	6.488	747	752	754	rBV2	162	319	0.02%	0.002%
29	6.537	759	760	762	rBV	386	300	0.02%	0.002%
30	6.604	769	771	773	rBV2	367	314	0.02%	0.002%
31	6.769	796	798	801	rBV3	193	307	0.02%	0.002%
32	6.982	830	833	835	rVB	575	433	0.03%	0.003%
33	7.007	835	837	841	rBV	566	449	0.03%	0.003%
34	7.086	841	850	855	rBV	48101	130360	7.94%	0.835%

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35	7.427	904	906	910	rBV2	323	443	0.03%	0.003%
36	7.488	915	916	919	rVB2	389	403	0.02%	0.003%
37	7.543	923	925	927	rBV	417	383	0.02%	0.002%
38	7.659	932	944	956	rBV	298422	733500	44.70%	4.700%
39	7.805	965	968	971	rVB2	452	506	0.03%	0.003%
40	7.860	975	977	981	rVB	451	507	0.03%	0.003%
41	7.958	987	993	1000	rVB5	1126	1818	0.11%	0.012%
42	8.079	1010	1013	1015	rVB2	418	461	0.03%	0.003%
43	8.110	1015	1018	1020	rBV2	267	322	0.02%	0.002%
44	8.165	1023	1027	1028	rBV2	232	298	0.02%	0.002%
45	8.281	1032	1046	1063	rBV2	555924	1640838	100.00%	10.515%
46	8.518	1081	1085	1087	rBV3	607	746	0.05%	0.005%
47	8.628	1099	1103	1104	rVV2	464	500	0.03%	0.003%
48	8.689	1109	1113	1121	rVB6	813	2033	0.12%	0.013%
49	8.756	1121	1124	1129	rVB3	317	424	0.03%	0.003%
50	8.848	1131	1139	1149	rBV	709293	1391334	84.79%	8.916%
51	8.994	1161	1163	1166	rVB2	478	395	0.02%	0.003%
52	9.043	1169	1171	1172	rBV2	437	408	0.02%	0.003%
53	9.092	1174	1179	1184	rVB6	1658	3004	0.18%	0.019%
54	9.213	1197	1199	1201	rBV2	315	318	0.02%	0.002%
55	9.281	1201	1210	1219	rBV	372226	754514	45.98%	4.835%
56	9.390	1226	1228	1233	rVB4	614	824	0.05%	0.005%
57	9.463	1239	1240	1244	rBV3	277	309	0.02%	0.002%
58	9.585	1258	1260	1263	rVB3	386	362	0.02%	0.002%
59	9.665	1267	1273	1280	rVB5	2627	5135	0.31%	0.033%
60	9.732	1282	1284	1287	rBV2	260	376	0.02%	0.002%
61	9.768	1287	1290	1291	rBV3	340	307	0.02%	0.002%
62	9.890	1308	1310	1312	rVB2	603	453	0.03%	0.003%
63	10.036	1322	1334	1345	rBV	193800	367700	22.41%	2.356%
64	10.122	1346	1348	1349	rBV	942	558	0.03%	0.004%
65	10.213	1359	1363	1369	rBV6	3289	6213	0.38%	0.040%
66	10.329	1374	1382	1390	rBV	816258	1426315	86.93%	9.140%
67	10.433	1395	1399	1406	rVB5	7428	13204	0.80%	0.085%
68	10.579	1416	1423	1436	rVB	120556	214818	13.09%	1.377%
69	10.707	1437	1444	1451	rVV	48701	85417	5.21%	0.547%
70	10.835	1463	1465	1467	rBV3	1060	1144	0.07%	0.007%
71	10.927	1473	1480	1493	rBV	183620	310163	18.90%	1.988%

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72	11.067	1498	1503	1509	rBV	18704	31248	1.90%	0.200%
73	11.177	1517	1521	1526	rVB5	2871	5183	0.32%	0.033%
74	11.402	1555	1558	1559	rBV2	1150	940	0.06%	0.006%
75	11.439	1559	1564	1571	rVB2	7143	12205	0.74%	0.078%
76	11.494	1571	1573	1576	rBV4	372	430	0.03%	0.003%
77	11.634	1588	1596	1609	rBV	965662	1616231	98.50%	10.357%
78	11.768	1617	1618	1620	rBV	611	523	0.03%	0.003%
79	11.792	1620	1622	1625	rVV2	381	357	0.02%	0.002%
80	11.987	1635	1654	1656	rBV9	17853	82186	5.01%	0.527%
81	12.384	1701	1719	1740	rBV5	63704	356831	21.75%	2.287%
82	12.609	1745	1756	1765	rVV	153625	442679	26.98%	2.837%
83	12.695	1765	1770	1778	rVB	325642	559318	34.09%	3.584%
84	12.847	1778	1795	1814	rBV3	107450	602425	36.71%	3.860%
85	13.194	1850	1852	1859	rVB5	3509	7184	0.44%	0.046%
86	13.298	1864	1869	1875	rBV2	13070	32315	1.97%	0.207%
87	13.408	1885	1887	1891	rVB3	4933	5533	0.34%	0.035%
88	13.560	1905	1912	1918	rBV	932512	1511619	92.12%	9.686%
89	13.853	1955	1960	1967	rVB	702978	1140312	69.50%	7.307%
90	14.072	1991	1996	2001	rBV2	52337	94161	5.74%	0.603%
91	14.188	2008	2015	2024	rVB8	42648	141800	8.64%	0.909%
92	14.359	2036	2043	2045	rBV8	22652	55777	3.40%	0.357%
93	14.426	2046	2054	2065	rVB3	249580	799287	48.71%	5.122%
94	14.895	2116	2131	2132	rBV3	5910	19371	1.18%	0.124%
95	15.438	2214	2220	2225	rVB2	14972	25413	1.55%	0.163%
96	15.493	2225	2229	2236	rVB2	3944	7631	0.47%	0.049%
97	15.566	2236	2241	2247	rVB8	2840	5689	0.35%	0.036%
98	15.700	2258	2263	2267	rVB6	2181	3618	0.22%	0.023%
99	15.767	2271	2274	2275	rBV3	1791	2354	0.14%	0.015%
100	15.846	2284	2287	2291	rVB6	1601	2643	0.16%	0.017%

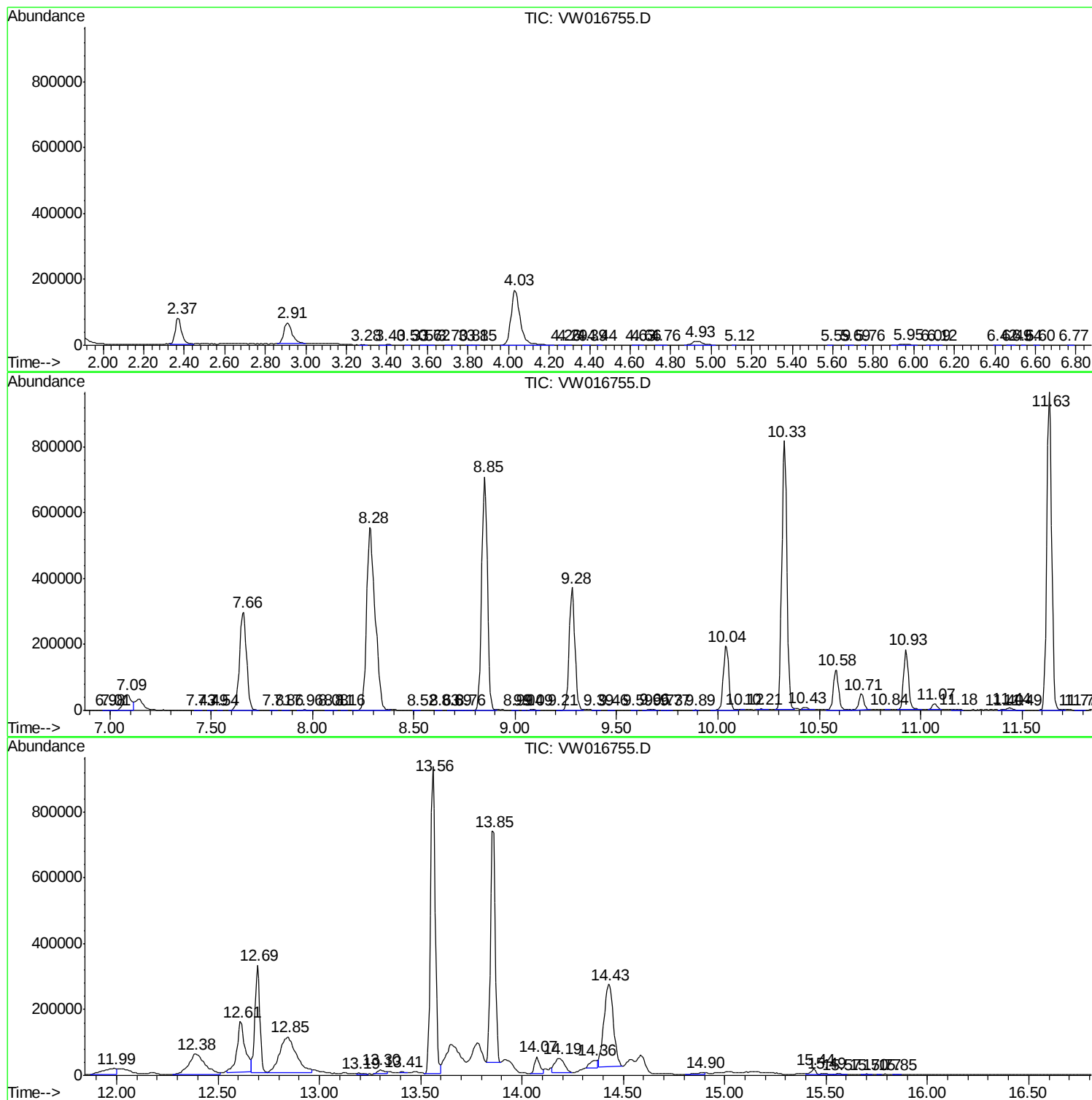
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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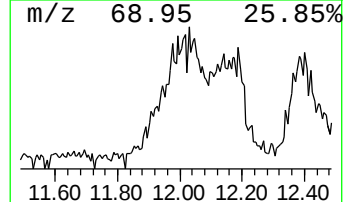
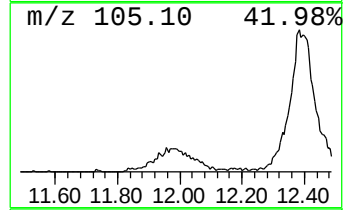
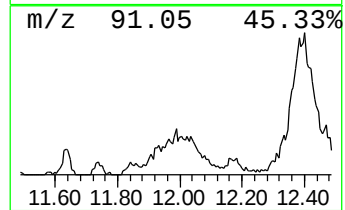
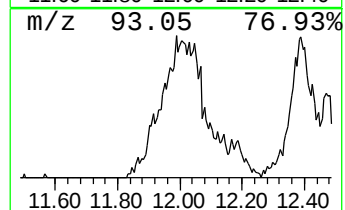
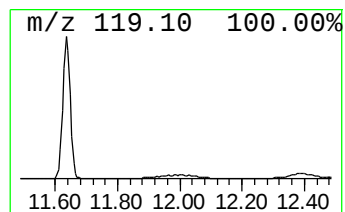
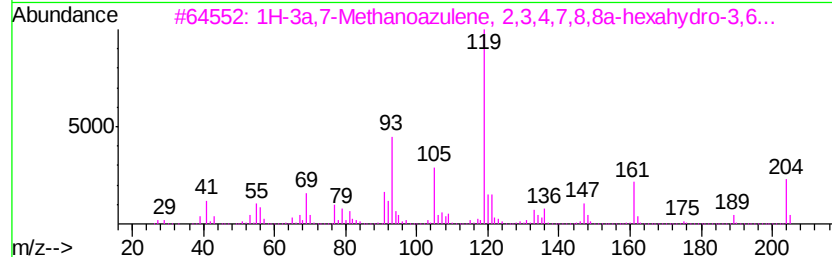
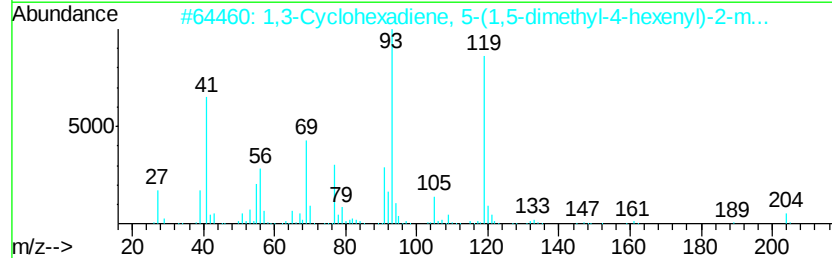
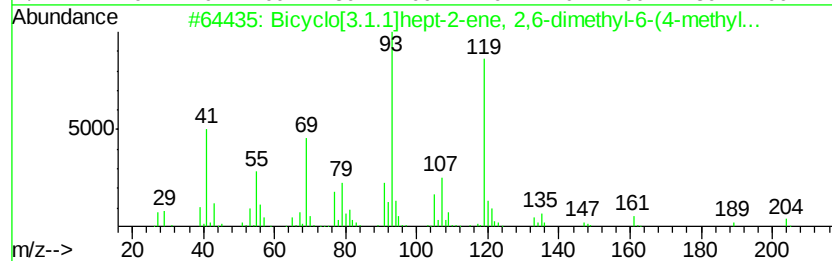
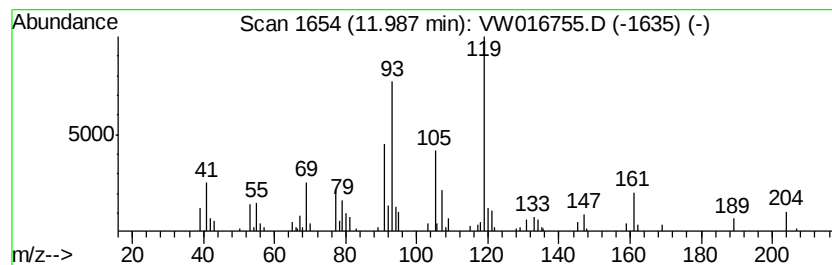
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 3 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.99	1.27 ug/L	82186	Chlorobenzene-d5		11.63		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	91
2			1,3-Cyclohexadiene, 5-(1,5-dimet...	204	C15H24	000495-60-3	76
3			1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	76
4			Bicyclo[3.1.1]heptane, 6-methyl-...	204	C15H24	055123-21-2	64
5			Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	64



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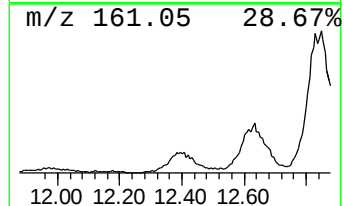
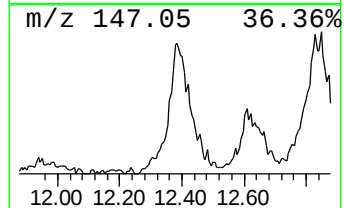
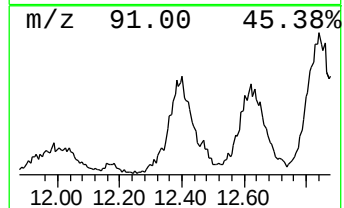
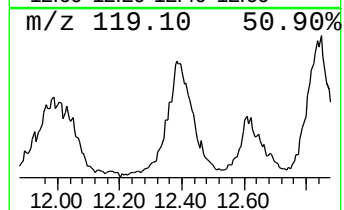
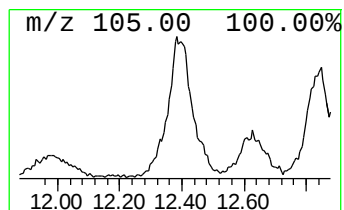
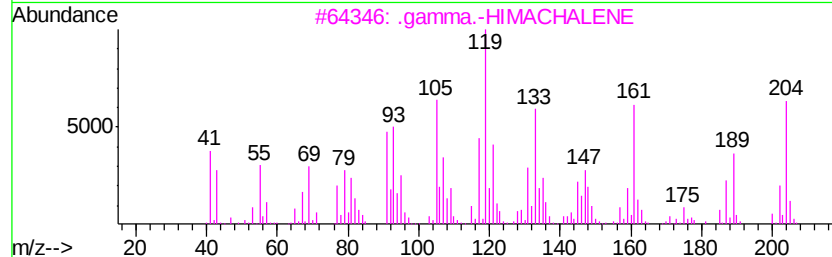
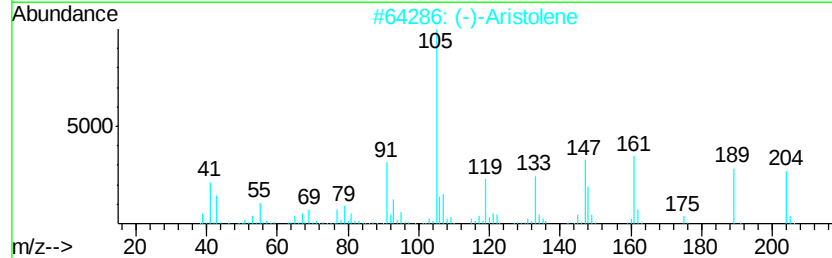
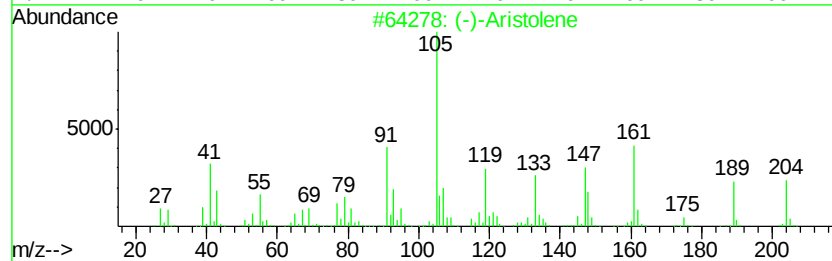
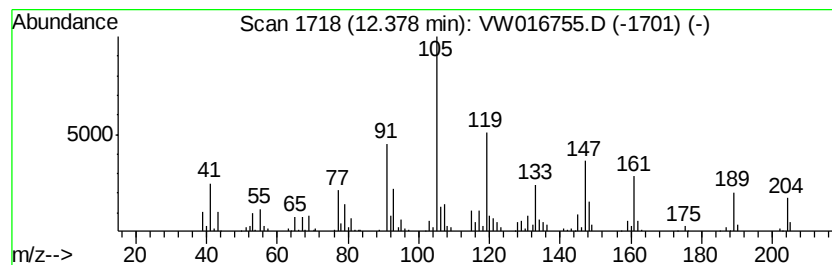
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Peak Number 4 (-)-Aristolene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.38	5.52 ug/L	356831	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Aristolene	204	C15H24	006831-16-9	93
2	(-)-Aristolene	204	C15H24	006831-16-9	93
3	.gamma.-HIMACHALENE	204	C15H24	1000140-08-0	72
4	Longifolene-(V4)	204	C15H24	061262-67-7	53
5	1H-Indene, 2,3,3a,4-tetrahydro-3...	204	C15H24	059742-39-1	49



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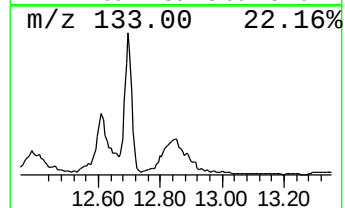
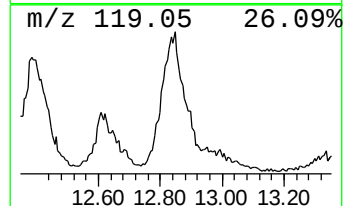
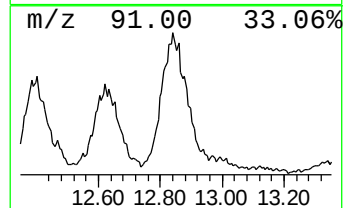
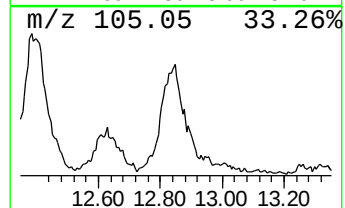
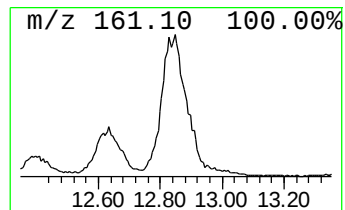
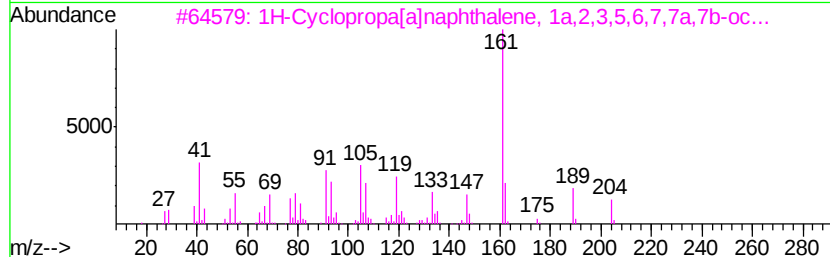
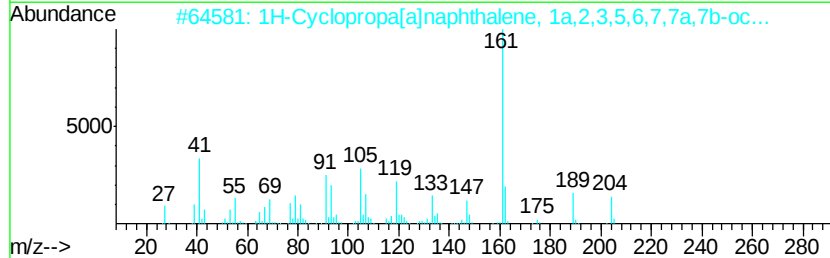
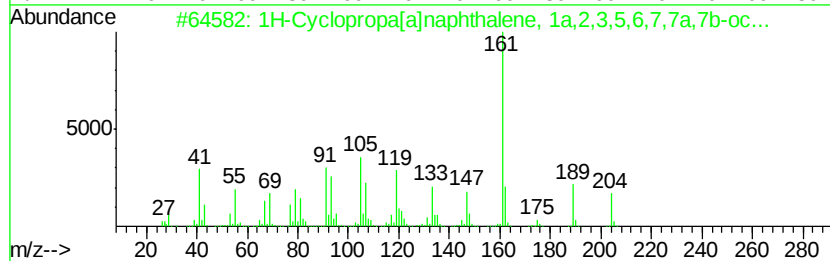
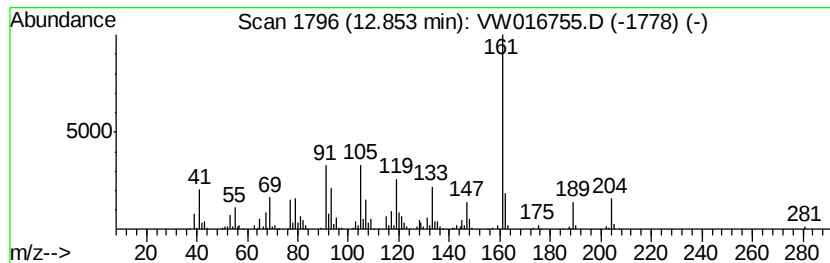
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Peak Number 6 1H-Cyclopropa[a]naphthalene... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.85	9.96 ug/L	602425	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	99	
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	96	
3	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	94	
4	Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	90	
5	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	90	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100220\
Data File : VW016755.D
Acq On : 02 Oct 2020 11:54
Operator : SY/VA
Sample : L4201-16
Misc : 5.85G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

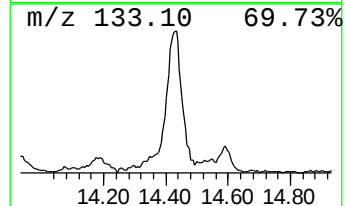
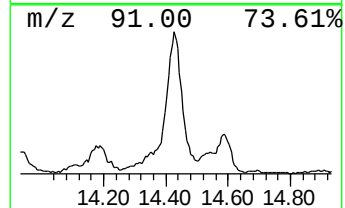
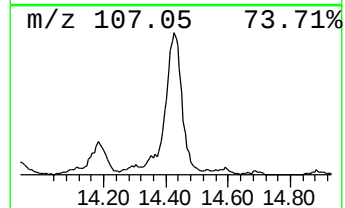
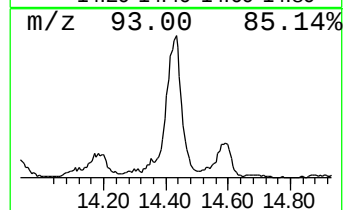
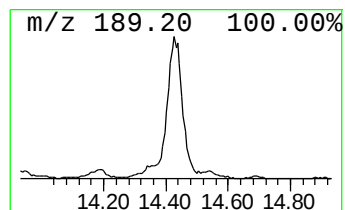
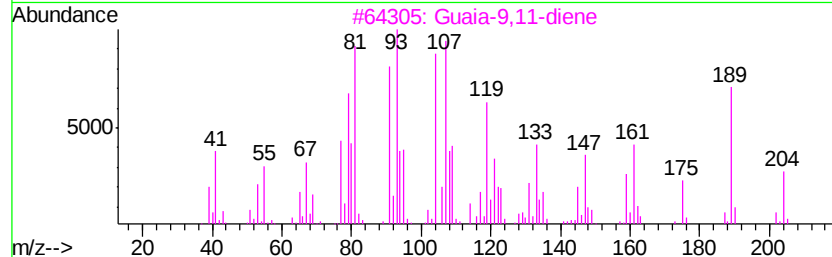
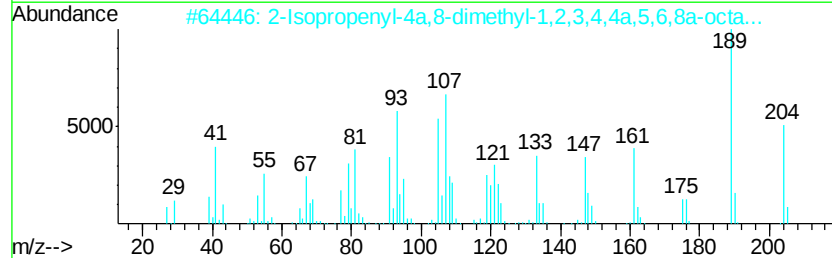
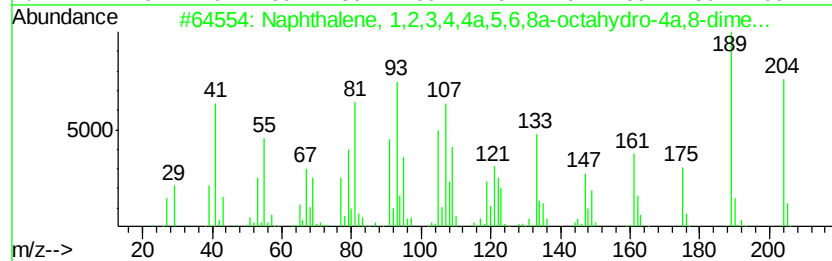
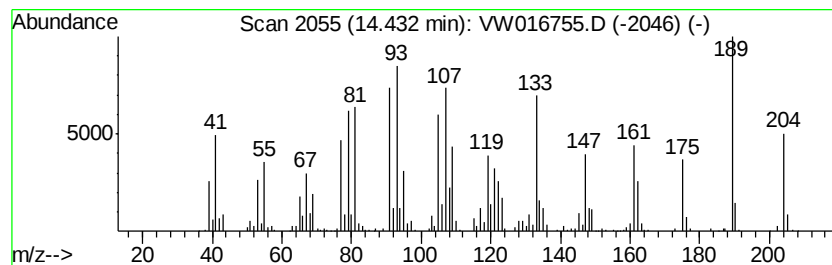
Instrument :
MSVOA_W
ClientSampled :
C0AJ8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	13.22 ug/L	799287	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204 C15H24	000473-13-2 94
2		2-Isopropenyl-4a,8-dimethyl-1,2,...	204 C15H24	1000193-57-0 93
3		Guaia-9,11-diene	204 C15H24	1000374-19-8 91
4		2-Isopropenyl-4a,8-dimethyl-1,2,...	204 C15H24	1000192-43-5 91
5		2,6,10,10-Tetramethylbicyclo[7.2...	204 C15H24	136296-37-2 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100220\
Data File : VW016755.D
Acq On : 02 Oct 2020 11:54
Operator : SY/VA
Sample : L4201-16
Misc : 5.85G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AJ8

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.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
Bicyclo[3.1.1]hep...	11.99	1.3	ug/L	82186	2	11.63	1616230	25.0
(-)-Aristolene	12.38	5.5	ug/L	356831	2	11.63	1616230	25.0
1H-Cyclopropa[a]n...	12.85	10.0	ug/L	602425	3	13.56	1511620	25.0
4,7-Methanoazulen...	14.19	2.4	ug/L	141800	3	13.56	1511620	25.0
Naphthalene, 1,2,...	14.43	13.2	ug/L	799287	3	13.56	1511620	25.0