

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
 Data File : VW015944.D
 Acq On : 24 Jul 2020 12:51
 Operator : SY/VA
 Sample : L3419-09
 Misc : 4.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE8

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\SOM2WLM072020S.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	2.355	68	74	87	rVB	98133	194290	14.32%	1.731%
2	2.892	155	162	178	rVB	66565	166057	12.24%	1.479%
3	3.385	239	243	249	rBV7	2056	5035	0.37%	0.045%
4	3.739	299	301	304	rVB2	904	809	0.06%	0.007%
5	3.837	315	317	319	rBV	350	250	0.02%	0.002%
6	3.861	319	321	323	rBV2	405	343	0.03%	0.003%
7	3.928	331	332	335	rVB2	353	304	0.02%	0.003%
8	4.013	335	346	361	rBV2	167880	500199	36.87%	4.455%
9	4.202	373	377	388	rVB2	4113	10697	0.79%	0.095%
10	4.379	400	406	407	rBV4	648	1090	0.08%	0.010%
11	4.446	410	417	434	rVB3	4961	19895	1.47%	0.177%
12	4.605	441	443	444	rBV2	490	313	0.02%	0.003%
13	4.690	456	457	460	rBV2	255	262	0.02%	0.002%
14	4.916	483	494	507	rVV2	19153	65524	4.83%	0.584%
15	5.111	522	526	528	rBV2	402	628	0.05%	0.006%
16	5.361	565	567	570	rVV	181	234	0.02%	0.002%
17	5.806	635	640	641	rBV2	265	360	0.03%	0.003%
18	5.940	653	662	671	rVV5	2788	8595	0.63%	0.077%
19	6.342	724	728	730	rBV	227	272	0.02%	0.002%
20	6.592	765	769	770	rBV	187	248	0.02%	0.002%
21	6.720	788	790	793	rBV	227	250	0.02%	0.002%
22	7.092	842	851	855	rBV	36949	96526	7.12%	0.860%
23	7.153	856	861	876	rVB	63649	179154	13.21%	1.596%
24	7.427	904	906	907	rVB	443	232	0.02%	0.002%
25	7.653	933	943	955	rBV	213473	522568	38.52%	4.654%
26	7.732	955	956	960	rVV2	425	367	0.03%	0.003%
27	7.842	973	974	980	rBV3	359	620	0.05%	0.006%
28	7.958	987	993	994	rBV2	1105	1690	0.12%	0.015%
29	8.122	1017	1020	1022	rVB2	308	260	0.02%	0.002%
30	8.281	1033	1046	1062	rBV2	443086	1356561	100.00%	12.083%
31	8.403	1064	1066	1072	rVB4	799	1029	0.08%	0.009%
32	8.458	1072	1075	1077	rBV2	250	297	0.02%	0.003%
33	8.488	1077	1080	1083	rVB2	414	502	0.04%	0.004%
34	8.622	1099	1102	1103	rBV	230	288	0.02%	0.003%

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35	8.641	1103	1105	1109	rVB3	442	448	0.03%	0.004%
36	8.677	1109	1111	1112	rBV	398	253	0.02%	0.002%
37	8.848	1130	1139	1148	rBV	469196	949890	70.02%	8.461%
38	8.982	1159	1161	1165	rVB3	334	377	0.03%	0.003%
39	9.079	1169	1177	1183	rBV6	1480	3220	0.24%	0.029%
40	9.122	1183	1184	1188	rVB3	259	268	0.02%	0.002%
41	9.275	1201	1209	1220	rBV	289463	592463	43.67%	5.277%
42	9.573	1255	1258	1261	rBV	277	387	0.03%	0.003%
43	9.610	1261	1264	1266	rVB3	375	389	0.03%	0.003%
44	9.665	1266	1273	1279	rBV3	990	2075	0.15%	0.018%
45	9.768	1285	1290	1294	rVB3	781	1175	0.09%	0.010%
46	9.896	1304	1311	1317	rBV4	1987	4097	0.30%	0.036%
47	10.037	1324	1334	1343	rBV	146494	268135	19.77%	2.388%
48	10.128	1346	1349	1353	rVB4	905	1490	0.11%	0.013%
49	10.220	1356	1364	1373	rBV2	3452	7580	0.56%	0.068%
50	10.329	1373	1382	1392	rBV	601495	1074369	79.20%	9.569%
51	10.457	1402	1403	1408	rVB2	290	248	0.02%	0.002%
52	10.506	1408	1411	1413	rVB	334	291	0.02%	0.003%
53	10.579	1416	1423	1434	rBV	93719	166385	12.27%	1.482%
54	10.658	1434	1436	1437	rBV2	232	227	0.02%	0.002%
55	10.707	1437	1444	1450	rBV	20722	37340	2.75%	0.333%
56	10.768	1451	1454	1455	rBV3	664	672	0.05%	0.006%
57	10.927	1473	1480	1498	rVB	151270	276097	20.35%	2.459%
58	11.067	1498	1503	1514	rVB	19290	34621	2.55%	0.308%
59	11.183	1517	1522	1527	rVB6	1462	2568	0.19%	0.023%
60	11.341	1545	1548	1553	rVB4	378	554	0.04%	0.005%
61	11.402	1553	1558	1559	rBV3	918	1160	0.09%	0.010%
62	11.439	1559	1564	1570	rVB	15401	25770	1.90%	0.230%
63	11.494	1570	1573	1576	rVB4	517	596	0.04%	0.005%
64	11.524	1576	1578	1579	rBV2	610	497	0.04%	0.004%
65	11.634	1588	1596	1605	rBV	621727	1052732	77.60%	9.377%
66	11.707	1606	1608	1615	rVB3	2903	5926	0.44%	0.053%
67	12.122	1673	1676	1678	rBV4	396	409	0.03%	0.004%
68	12.170	1678	1684	1686	rVV5	1490	2921	0.22%	0.026%
69	12.213	1686	1691	1692	rVV3	3396	5693	0.42%	0.051%
70	12.353	1694	1714	1750	rVV5	167162	1011396	74.56%	9.008%
71	12.609	1750	1756	1762	rVV2	33124	58824	4.34%	0.524%

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72	12.695	1763	1770	1778	rVV	221467	363191	26.77%	3.235%
73	12.762	1778	1781	1784	rVV4	792	1276	0.09%	0.011%
74	12.884	1785	1801	1802	rVV9	5411	22092	1.63%	0.197%
75	12.932	1805	1809	1812	rVV2	13597	24773	1.83%	0.221%
76	12.969	1812	1815	1818	rVV	14976	27980	2.06%	0.249%
77	13.042	1819	1827	1843	rVB6	37370	155802	11.49%	1.388%
78	13.195	1848	1852	1857	rVB3	2264	3689	0.27%	0.033%
79	13.256	1858	1862	1864	rBV4	841	1222	0.09%	0.011%
80	13.298	1864	1869	1875	rVB2	8717	14846	1.09%	0.132%
81	13.378	1878	1882	1883	rBV2	2393	2824	0.21%	0.025%
82	13.408	1884	1887	1890	rBV4	3714	5575	0.41%	0.050%
83	13.481	1892	1899	1906	rBV8	11532	40404	2.98%	0.360%
84	13.560	1906	1912	1918	rVV	528906	809521	59.67%	7.210%
85	13.853	1953	1960	1966	rBV	430080	776451	57.24%	6.916%
86	14.073	1991	1996	2005	rVB	14850	26356	1.94%	0.235%
87	14.213	2010	2019	2032	rBV	12984	50461	3.72%	0.449%
88	14.438	2052	2056	2057	rBV4	1000	1280	0.09%	0.011%
89	14.499	2064	2066	2068	rBV3	1020	946	0.07%	0.008%
90	14.591	2068	2081	2090	rVV3	7204	28790	2.12%	0.256%
91	14.761	2099	2109	2119	rVB2	39374	117945	8.69%	1.051%
92	14.957	2133	2141	2149	rBV8	2853	8477	0.62%	0.076%
93	15.030	2151	2153	2155	rBV2	828	1031	0.08%	0.009%
94	15.139	2169	2171	2172	rBV2	1116	856	0.06%	0.008%
95	15.334	2202	2203	2205	rBV	523	365	0.03%	0.003%
96	15.438	2212	2220	2226	rVB4	4794	9491	0.70%	0.085%
97	15.493	2226	2229	2232	rBV3	912	1043	0.08%	0.009%
98	15.767	2271	2274	2278	rBV5	1268	2025	0.15%	0.018%
99	16.078	2323	2325	2328	rBV4	438	578	0.04%	0.005%
100	16.176	2339	2341	2342	rBV2	648	593	0.04%	0.005%

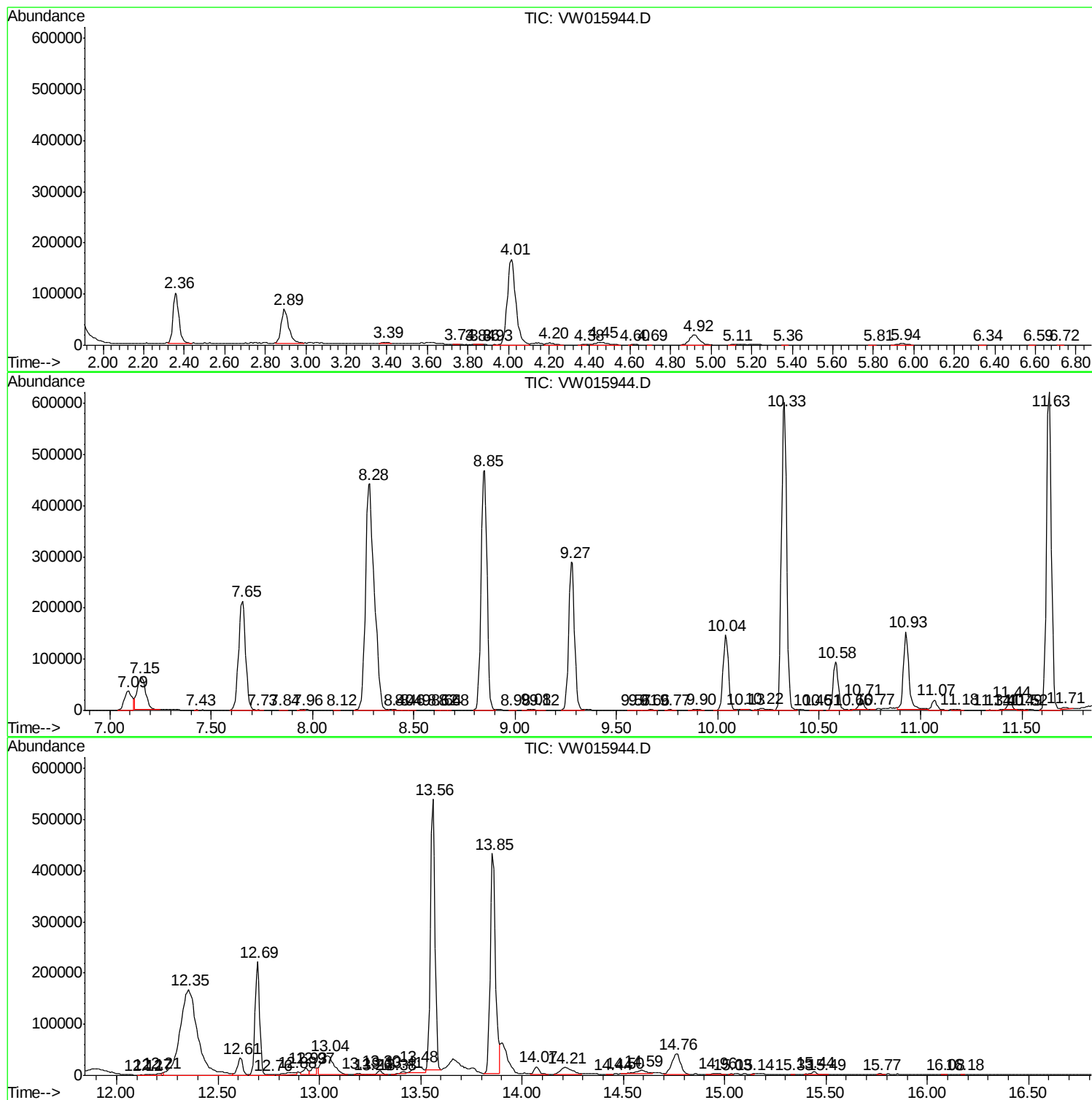
Sum of corrected areas: 11227175

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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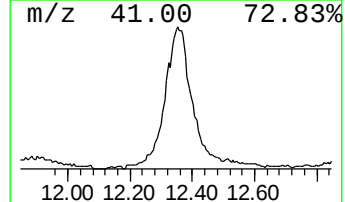
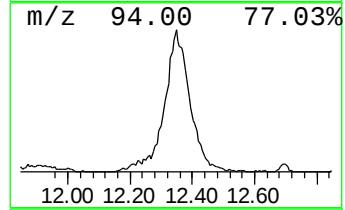
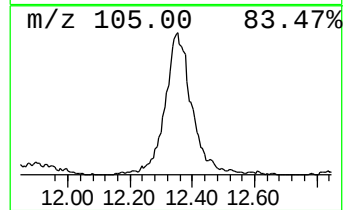
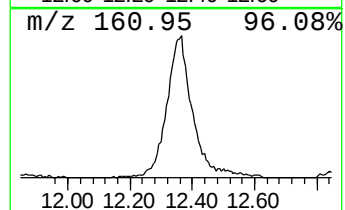
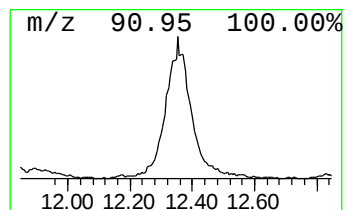
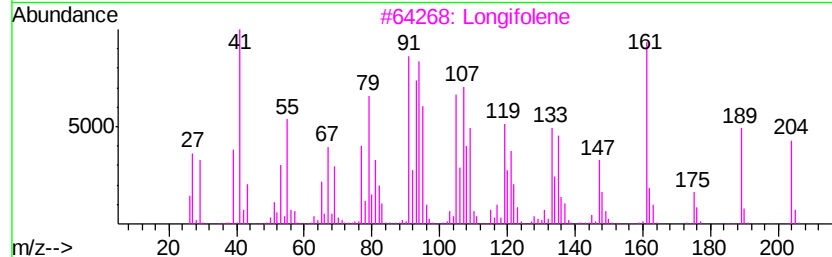
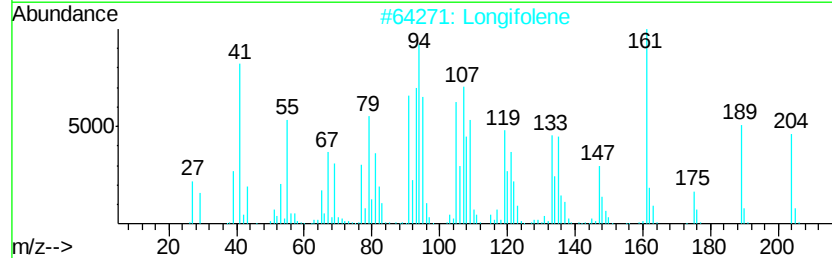
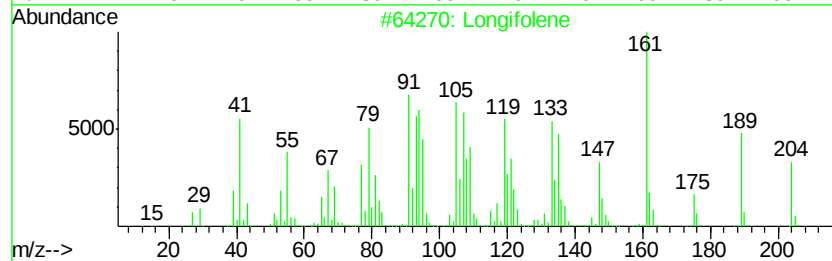
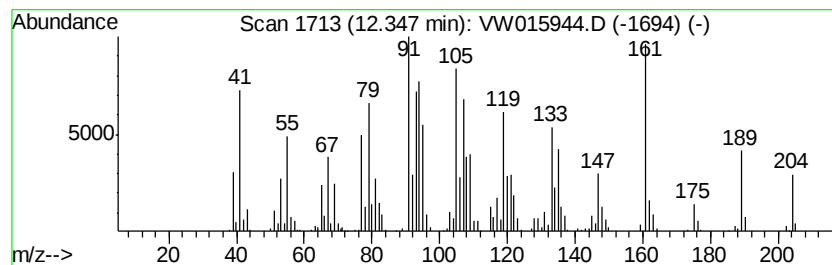
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

Peak Number 2 Longifolene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.35	24.02 ug/L	1011400	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene		204	C15H24	000475-20-7	99
2	Longifolene		204	C15H24	000475-20-7	99
3	Longifolene		204	C15H24	000475-20-7	99
4	Longifolene		204	C15H24	000475-20-7	98
5	Alloaromadendrene		204	C15H24	025246-27-9	97



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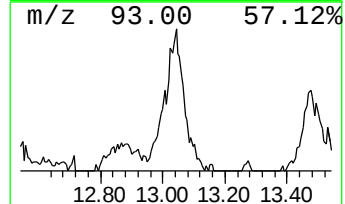
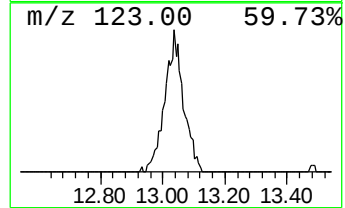
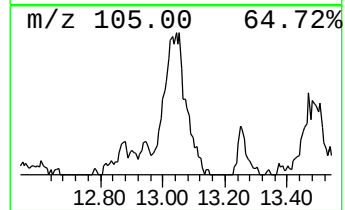
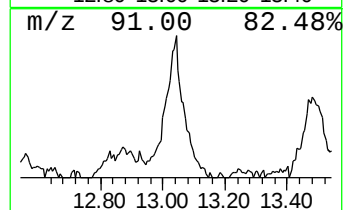
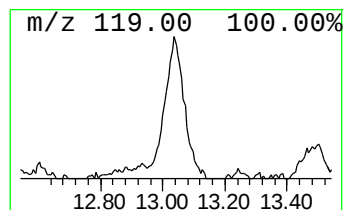
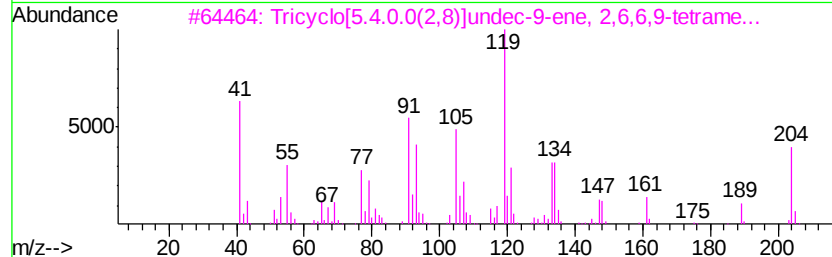
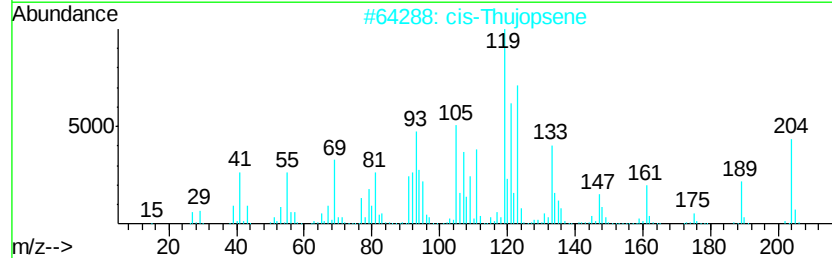
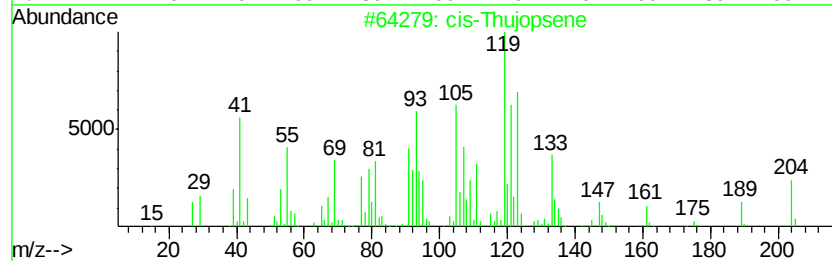
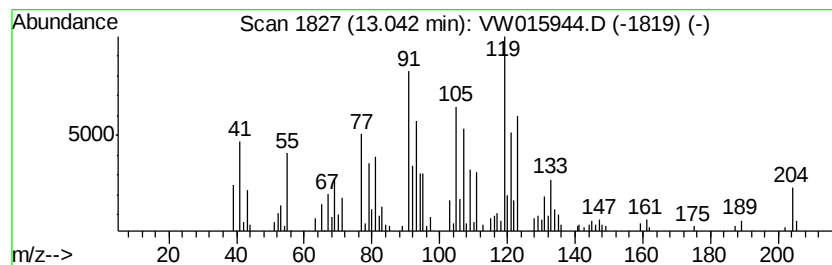
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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 cis-Thujopsene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	4.81 ug/L	155802	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Thujopsene	204	C15H24	000470-40-6	81
2		cis-Thujopsene	204	C15H24	000470-40-6	74
3		Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	64
4		Tricyclo[5.4.0.0(2,8)]undec-9-en...	204	C15H24	005989-08-2	55
5		1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	001461-03-6	49



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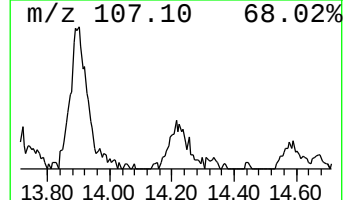
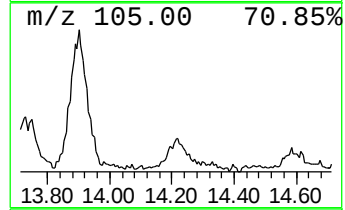
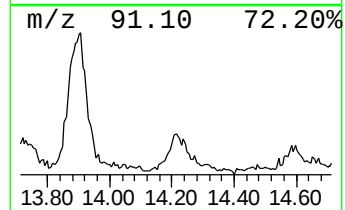
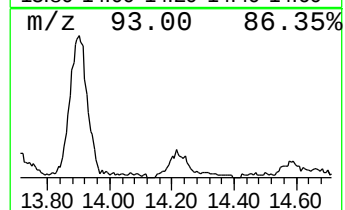
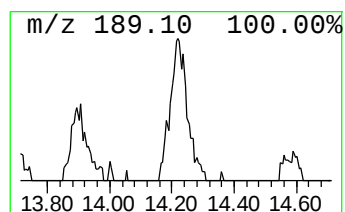
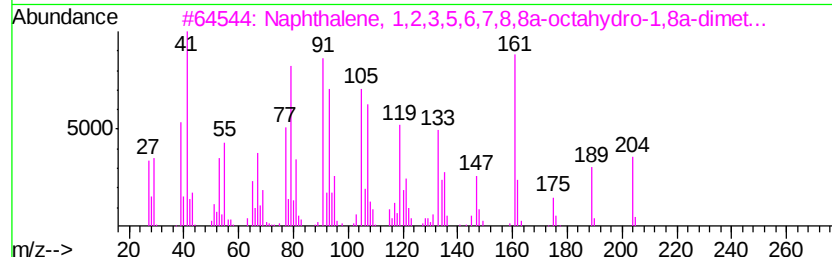
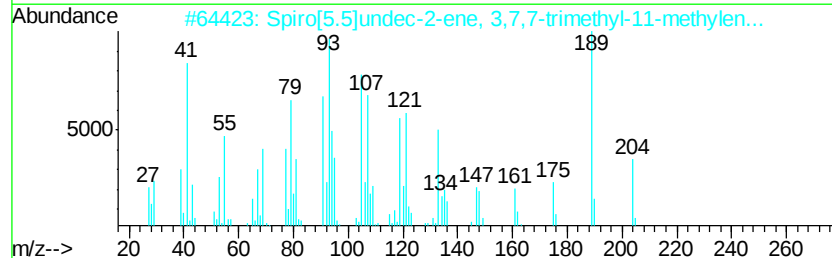
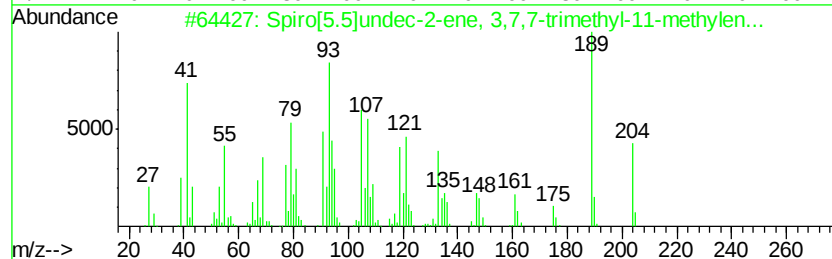
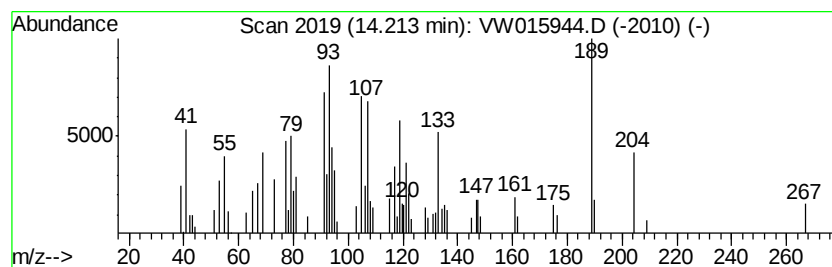
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Peak Number 5 Spiro[5.5]undec-2-ene, 3,7,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	1.56 ug/L	50461	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	95
2		Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	94
3		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	91
4		1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	86
5		Alloaromadendrene	204	C15H24	025246-27-9	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
Data File : VW015944.D
Acq On : 24 Jul 2020 12:51
Operator : SY/VA
Sample : L3419-09
Misc : 4.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AE8

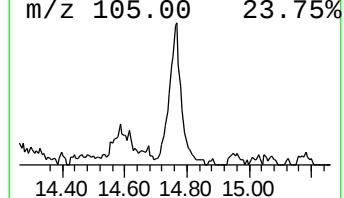
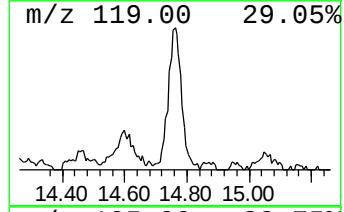
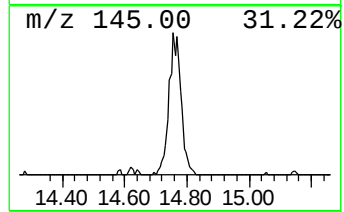
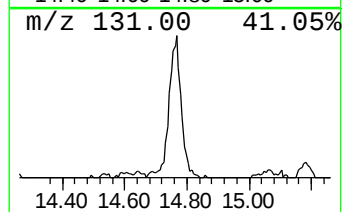
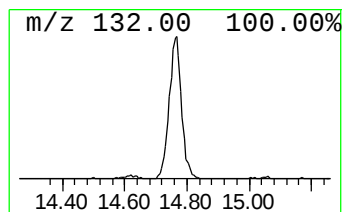
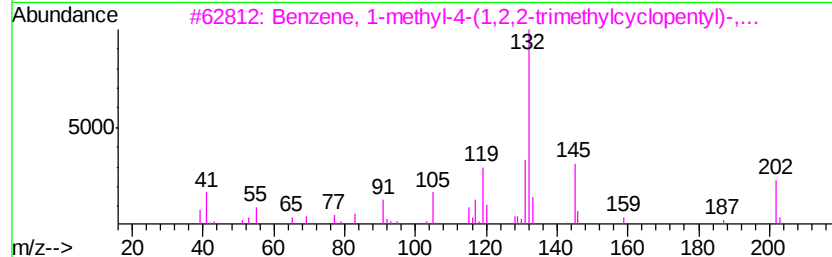
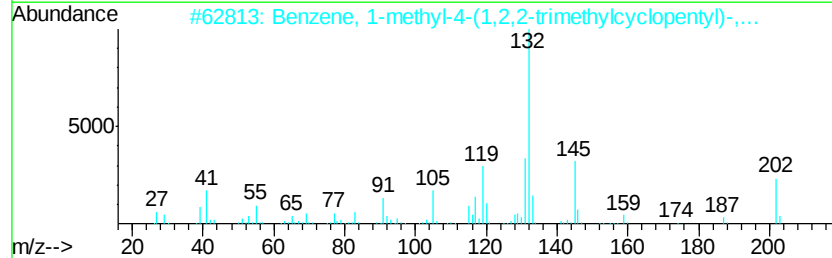
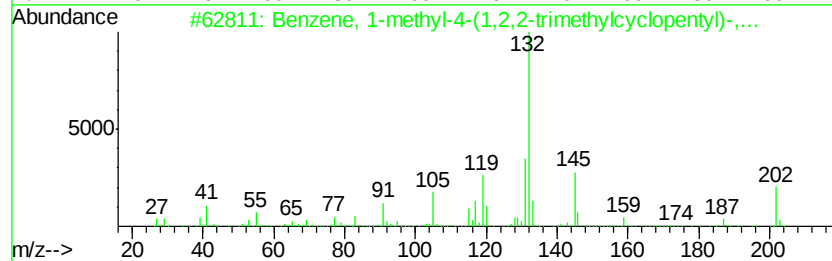
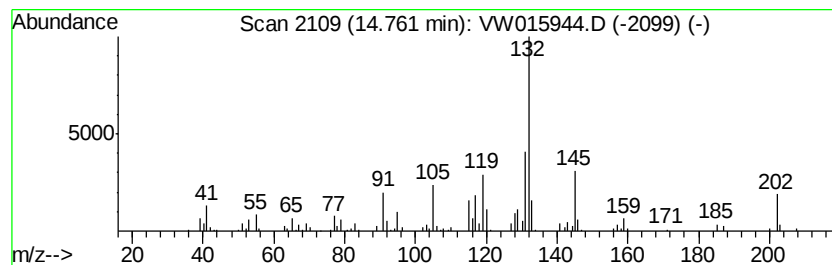
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-methyl-4-(1,2,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	3.64 ug/L	117945	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	97
2		Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	97
3		Benzene, 1-methyl-4-(1,2,2-trime...	202	C15H22	016982-00-6	97
4		Benzene, 1-(1,5-dimethyl-4-hexen...	202	C15H22	000644-30-4	53
5		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072420\
Data File : VW015944.D
Acq On : 24 Jul 2020 12:51
Operator : SY/VA
Sample : L3419-09
Misc : 4.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AE8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.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
Longifolene	12.35	24.0	ug/L	1011400	2	11.63	1052730	25.0
cis-Thujopsene	13.04	4.8	ug/L	155802	3	13.56	809521	25.0
Spiro[5.5]undec-2...	14.21	1.6	ug/L	50461	3	13.56	809521	25.0
Benzene, 1-methyl...	14.76	3.6	ug/L	117945	3	13.56	809521	25.0