LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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\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	2.361	68	75	89	rVB	94428	182724	4.10%	0.927%
2	2.898	155	163	178	rVB	57696	149590	3.36%	0.759%
3	3.867	320	322	325	rBV3	344	431	0.01%	0.002%
4	4.013	335	346	363	rBV	146326	437835	9.83%	2.222%
5	4.367	400	404	405	rBV	281	296	0.01%	0.002%
6	4.617	441	445	446	rBV	461	560	0.01%	0.003%
7	4.757	465	468	472	rBV2	238	344	0.01%	0.002%
8	4.916	482	494	515	rVV2	23914	80441	1.81%	0.408%
9	5.117	520	527	528	rBV3	711	1156	0.03%	0.006%
10	5.202	539	541	544	rVB3	448	337	0.01%	0.002%
11	5.940	652	662	672	rBV3	7426	23037	0.52%	0.117%
12	6.549	760	762	768	rVB2	205	310	0.01%	0.002%
13	6.952	823	828	829	rBV2	224	326	0.01%	0.002%
14	6.988	832	834	836	rVB2	275	286	0.01%	0.001%
15	7.086	840	850	855	rBV	35440	95823	2.15%	0.486%
16	7.470	909	913	914	rVB3	255	326	0.01%	0.002%
17	7.549	925	926	932	rVB2	375	432	0.01%	0.002%
18	7.653	932	943	955	rBV	184464	450714	10.12%	2.287%
19	7.878	976	980	981	rVV2	268	325	0.01%	0.002%
20	7.891	981	982	985	rVB	417	301	0.01%	0.002%
21	7.952	986	992	1001	rVB3	1285	2803	0.06%	0.014%
22	8.177	1025	1029	1032	rBV2	301	406	0.01%	0.002%
23	8.281	1033	1046	1060	rBV2	375405	1128406	25.34%	5.726%
24	8.586	1094	1096	1100	rBV2	185	298	0.01%	0.002%
25	8.634	1100	1104	1108	rVB4	387	693	0.02%	0.004%
26	8.689	1108	1113	1116	rBV2	670	946	0.02%	0.005%
27	8.842	1129	1138	1154	rBV	503161	1008400	22.65%	5.117%
28	9.073	1173	1176	1177	rBV2	631	576	0.01%	0.003%
29	9.128	1182	1185	1188	rVB3	336	461	0.01%	0.002%
30	9.275	1198	1209	1220	rBV	244963	500499	11.24%	2.540%
31	9.665	1269	1273	1278	rBV5	573	1203	0.03%	0.006%
32	9.848	1298	1303	1304	rBV2	253	294	0.01%	0.001%
33	9.866	1304	1306	1309	rVB2	295	283	0.01%	0.001%
34	10.037	1325	1334	1344	rVV	119295	221350	4.97%	1.123%

LSC Area Percent Report

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Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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\SOM2WLM072020S.M
Title : VOC Analysis

35	10.122	1347	1348	1352	rVV4	721	931	0.02%	0.005%
36	10.329	1374	1382	1390	rBV	501658	893022	20.06%	4.531%
37	10.390	1390	1392	1397	rVB2	2587	4164	0.09%	0.021%
38	10.506	1408	1411	1412	rBV3	428	433	0.01%	0.002%
39	10.579	1415	1423	1433	rBV	81108	144044	3.24%	0.731%
40	10.707	1437	1444	1452	rBV	52288	92124	2.07%	0.467%
41	10.768	1452	1454	1456	rBV2	373	333	0.01%	0.002%
42	10.927	1473	1480	1498	rBV	135065	258672	5.81%	1.312%
43	11.067	1498	1503	1510	rVB	10686	18370	0.41%	0.093%
44	11.177	1517	1521	1526	rVB6	825	1338	0.03%	0.007%
45	11.280	1533	1538	1543	rBV4	414	812	0.02%	0.004%
46	11.323	1543	1545	1549	rVB	410	426	0.01%	0.002%
47	11.439	1558	1564	1572	rVB	15282	26736	0.60%	0.136%
48	11.634	1588	1596	1606	rBV	670517	1110905	24.95%	5.637%
49	11.738	1611	1613	1615	rVB	464	379	0.01%	0.002%
50	11.817	1622	1626	1635	rBV6	2414	5419	0.12%	0.027%
51	11.939	1643	1646	1649	rBV3	204	333	0.01%	0.002%
52	12.116	1670	1675	1677	rBV4	538	834	0.02%	0.004%
53	12.176	1682	1685	1690	rVB3	622	1083	0.02%	0.005%
54	12.335	1703	1711	1715	rBV	10000	16735	0.38%	0.085%
55	12.475	1726	1734	1747	rVV	1345721	2172175	48.79%	11.022%
56	12.609	1749	1756	1761	rVV	64693	109534	2.46%	0.556%
57	12.689	1761	1769	1789	rVV2	681919	1417289	31.83%	7.191%
58	12.841	1792	1794	1796	rVB3	503	412	0.01%	0.002%
59	12.902	1802	1804	1805	rBV	428	407	0.01%	0.002%
60	12.963	1805	1814	1818	rVV	197521	333586	7.49%	1.693%
61	13.030	1818	1825	1837	rVB	2725820	4452424	100.00%	22.592%
62	13.164	1844	1847	1849	rBV4	1229	1310	0.03%	0.007%
63	13.195	1850	1852	1855	rVB3	1469	1439	0.03%	0.007%
64	13.280	1856	1866	1875	rVB	1114902	1815066	40.77%	9.210%
65	13.365	1875	1880	1882	rBV4	6620	9158	0.21%	0.046%
66	13.420	1882	1889	1893	rBV4	69549	137904	3.10%	0.700%
67	13.475	1893	1898	1901	rBV	332198	572148	12.85%	2.903%
68	13.560	1907	1912	1918	rVB	574682	880438	19.77%	4.467%
69	13.621	1918	1922	1932	rVB3	20918	39221	0.88%	0.199%
70	13.719	1932	1938	1943	rBV	25071	36954	0.83%	0.188%
71	13.853	1953	1960	1968	rBV	334481	569839	12.80%	2.891%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
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Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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\SOM2WLM072020S.M
Title : VOC Analysis

72	13.963	1973	1978	1981	rVV2	23902	40883	0.92%	0.207%
73	13.999	1981	1984	1991	rVV	82747	127379	2.86%	0.646%
74	14.072	1991	1996	2004	rVB	20161	32590	0.73%	0.165%
75	14.158	2005	2010	2015	rBV2	5925	8459	0.19%	0.043%
76	14.268	2024	2028	2032	rBV3	705	1000	0.02%	0.005%
77	14.329	2032	2038	2042	rBV7	2168	3757	0.08%	0.019%
78	14.438	2051	2056	2062	rVB4	2573	4284	0.10%	0.022%
79	14.511	2064	2068	2070	rBV4	691	1161	0.03%	0.006%
80	14.597	2079	2082	2085	rBV3	436	394	0.01%	0.002%
81	14.731	2099	2104	2110	rVV5	4964	9301	0.21%	0.047%
82	14.792	2112	2114	2115	rVV2	1110	792	0.02%	0.004%
83	14.828	2115	2120	2125	rVV2	3525	5582	0.13%	0.028%
84	14.877	2126	2128	2131	rVB2	680	495	0.01%	0.003%
85	14.938	2134	2138	2144	rBV5	1160	1767	0.04%	0.009%
86	15.072	2153	2160	2164	rBV5	5322	9998	0.22%	0.051%
87	15.133	2166	2170	2172	rBV4	3995	5841	0.13%	0.030%
88	15.237	2184	2187	2188	rBV3	1010	812	0.02%	0.004%
89	15.304	2193	2198	2202	rVB5	2949	5058	0.11%	0.026%
90	15.359	2202	2207	2209	rBV4	981	1250	0.03%	0.006%
91	15.432	2213	2219	2225	rBV3	5675	10768	0.24%	0.055%
92	15.493	2225	2229	2236	rVB	2767	4604	0.10%	0.023%
93	15.548	2236	2238	2244	rVB5	579	1091	0.02%	0.006%
94	15.621	2244	2250	2255	rBV2	2323	3427	0.08%	0.017%
95	15.700	2262	2263	2269	rVB4	880	1151	0.03%	0.006%
96	15.834	2283	2285	2287	rBV3	459	471	0.01%	0.002%
97	16.036	2317	2318	2321	rBV2	561	602	0.01%	0.003%
98	16.426	2378	2382	2387	rVB5	2069	3665	0.08%	0.019%
99	16.596	2408	2410	2411	rBV	543	450	0.01%	0.002%
100	16.688	2421	2425	2432	rVB8	1286	2743	0.06%	0.014%

Sum of corrected areas: 19708384

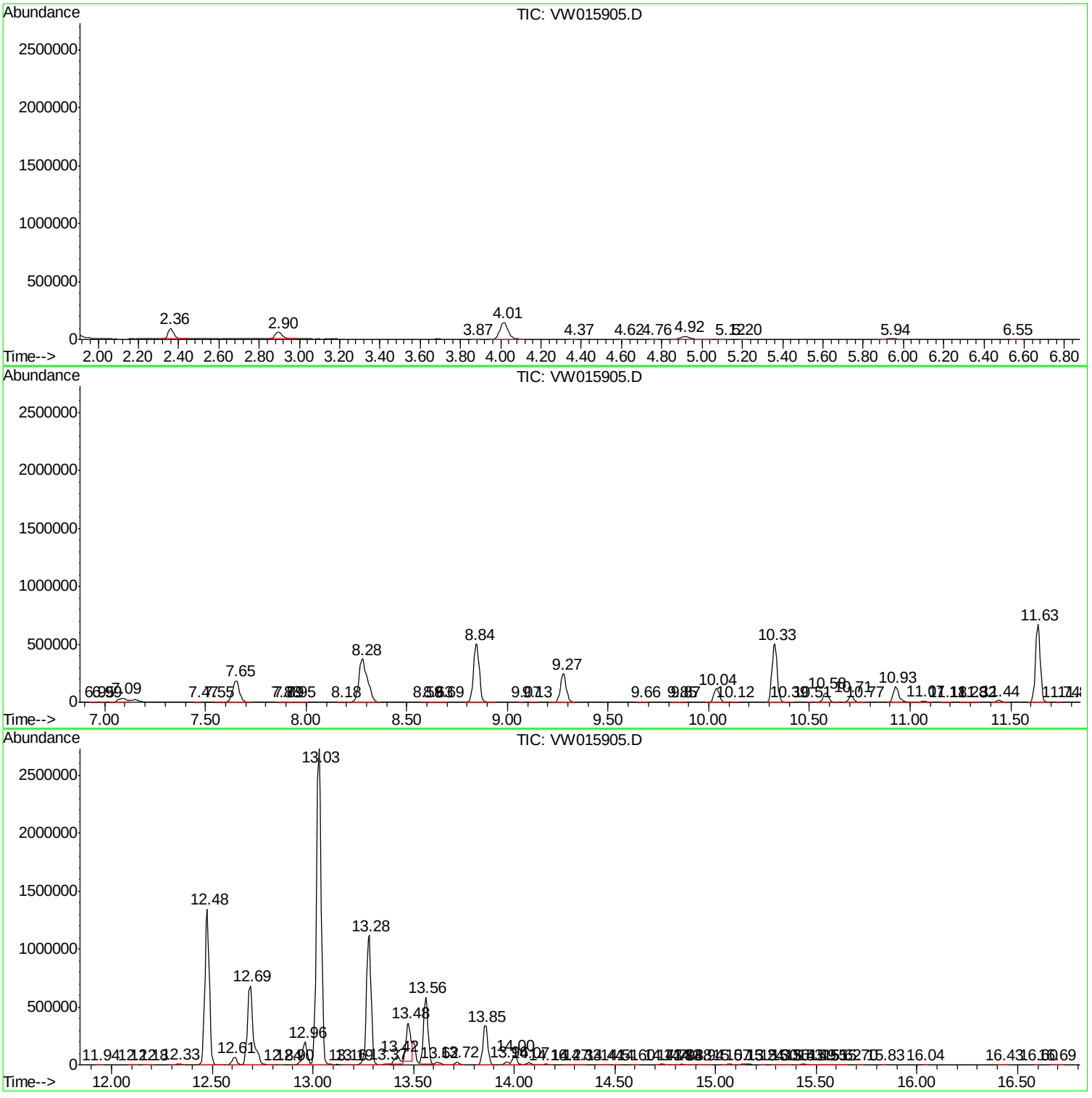
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AD7

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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

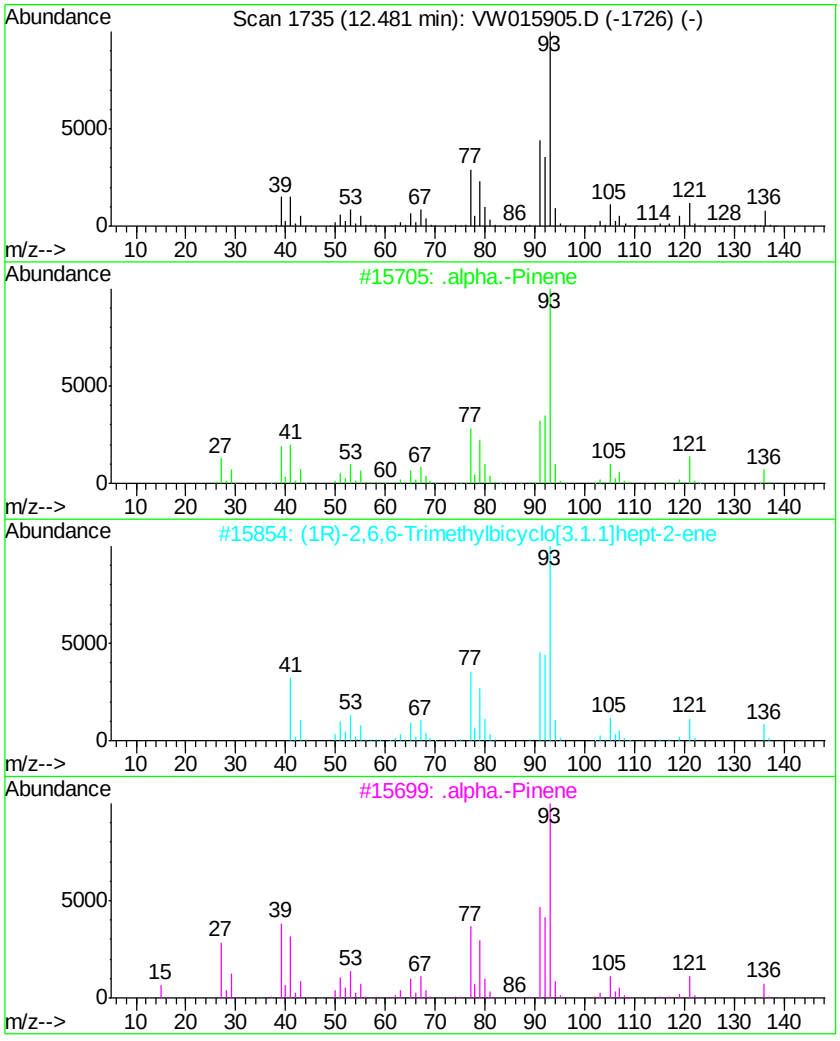
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

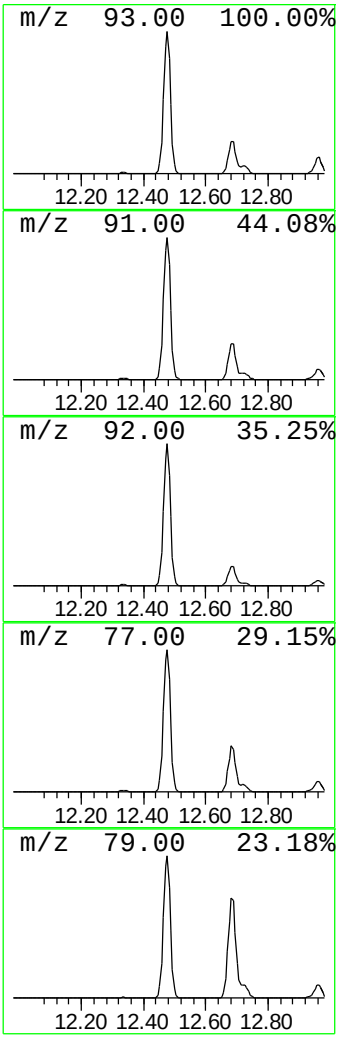
****

Peak Number 3 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	48.88 ug/L	2172180	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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

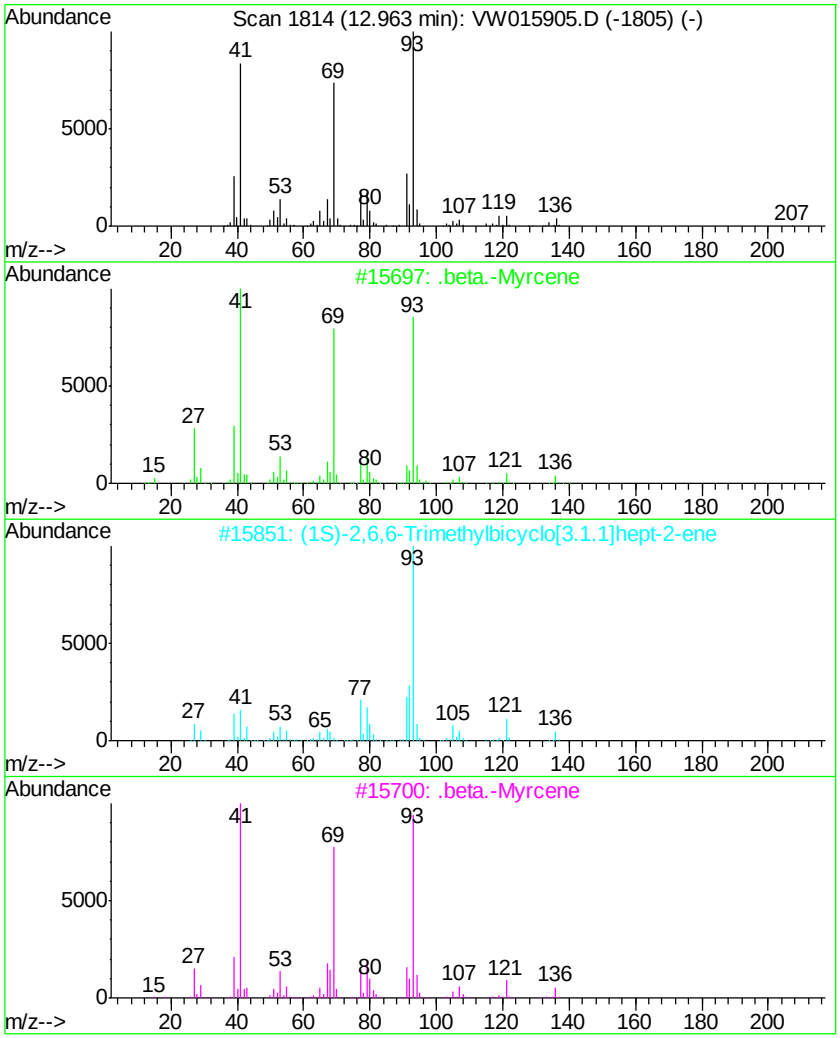
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

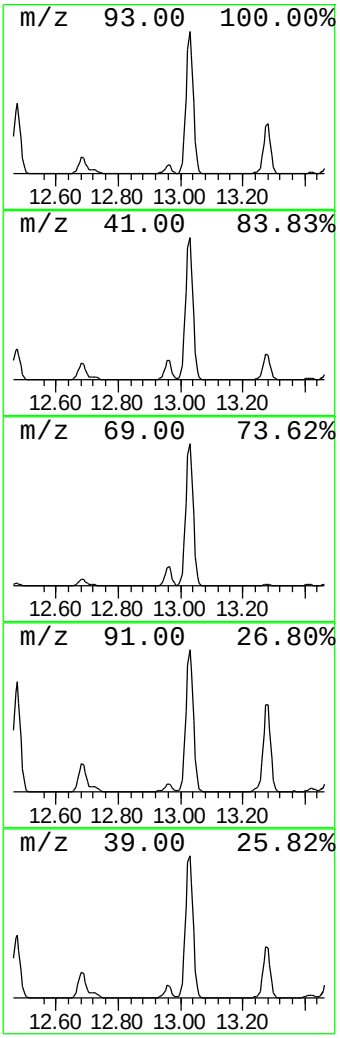
****

Peak Number 5 .beta.-Myrcene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	9.47 ug/L	333586	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Myrcene	136	C10H16	000123-35-3	91
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	43
3	.beta.-Myrcene	136	C10H16	000123-35-3	38
4	Pyridine, 2-propyl-	121	C8H11N	000622-39-9	38
5	Pyridine, 2-propyl-	121	C8H11N	000622-39-9	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

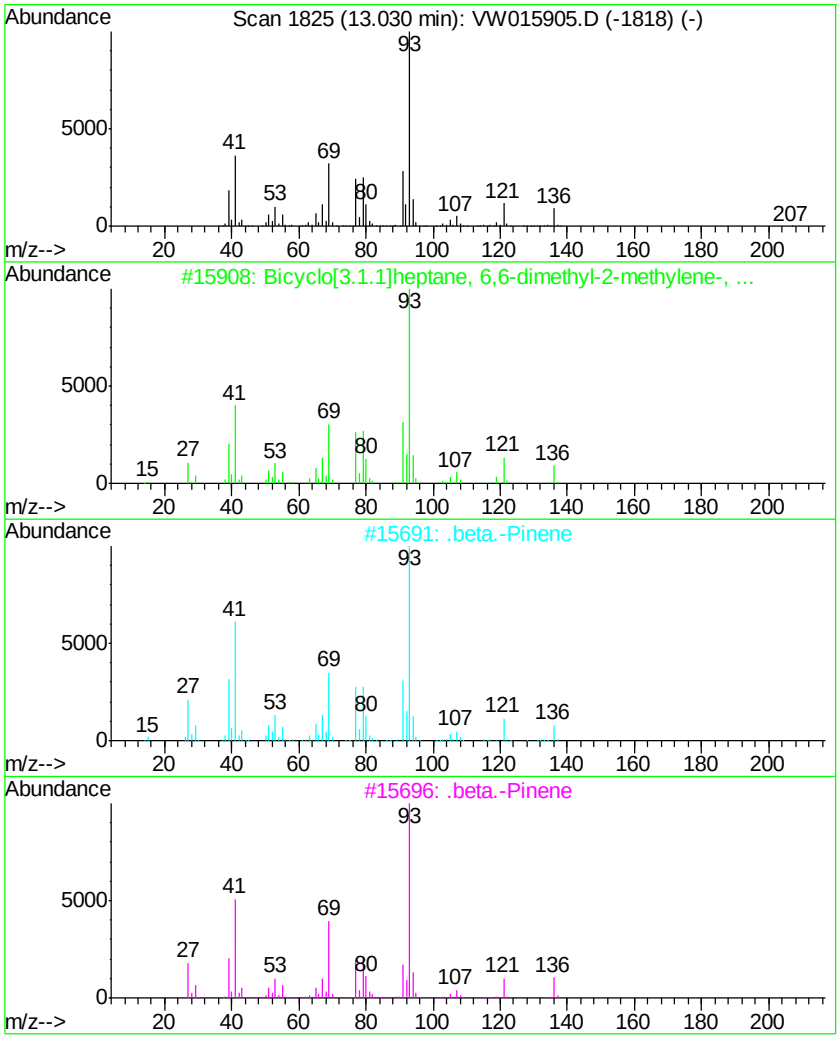
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

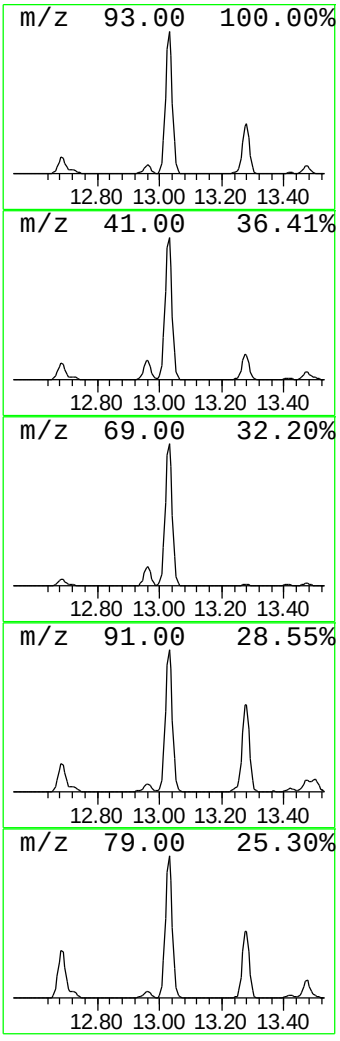
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	126.43 ug/L	4452420	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2	.beta.-Pinene	136	C10H16	000127-91-3	95
3	.beta.-Pinene	136	C10H16	000127-91-3	94
4	.beta.-Pinene	136	C10H16	000127-91-3	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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

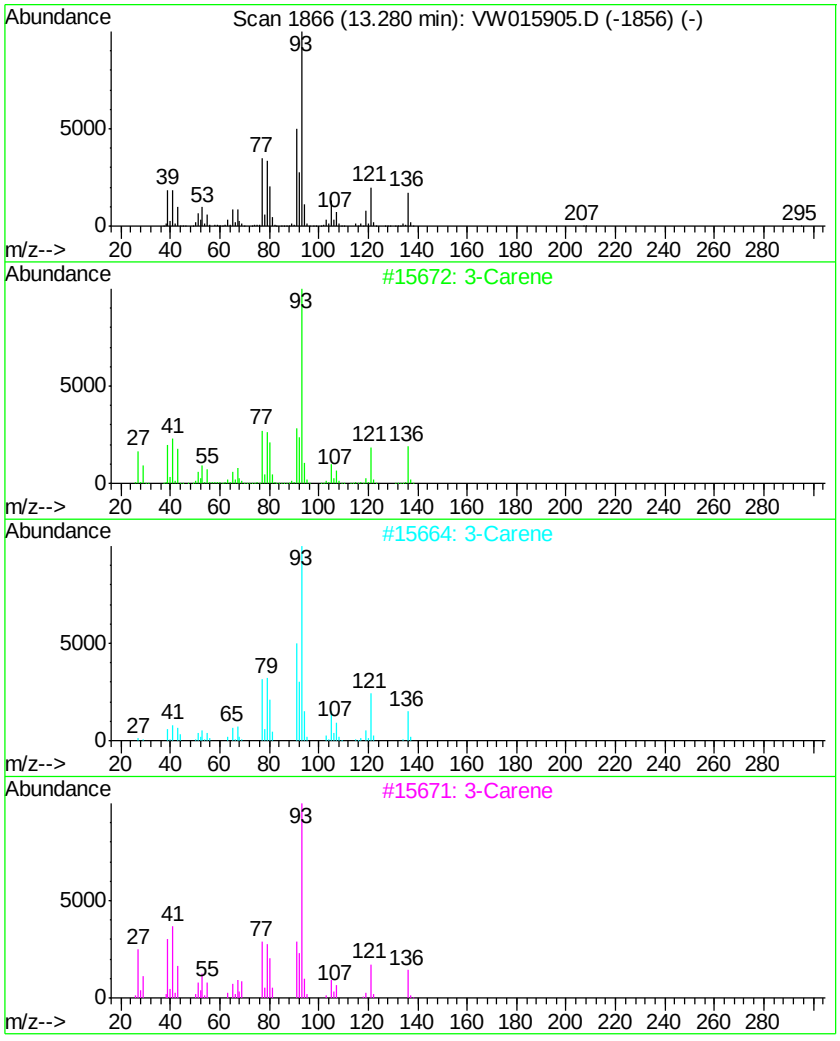
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

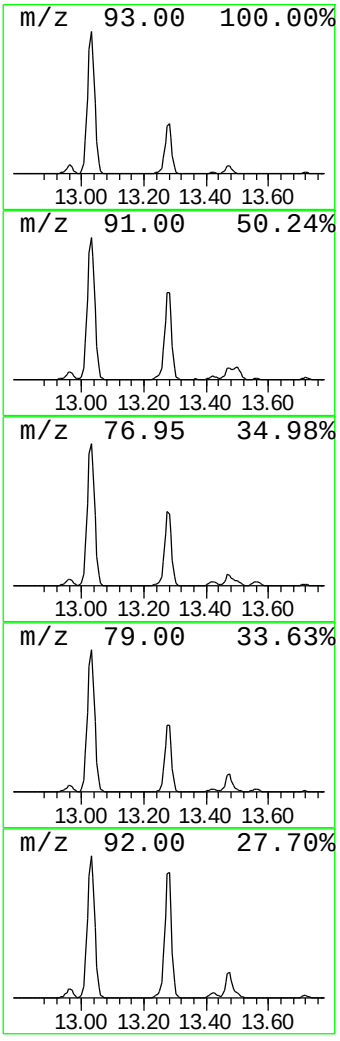
****

Peak Number 7 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	51.54 ug/L	1815070	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	96
2	3-Carene	136	C10H16	013466-78-9	95
3	3-Carene	136	C10H16	013466-78-9	95
4	(+)-3-Carene	136	C10H16	000498-15-7	94
5	.gamma.-Terpinene	136	C10H16	000099-85-4	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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

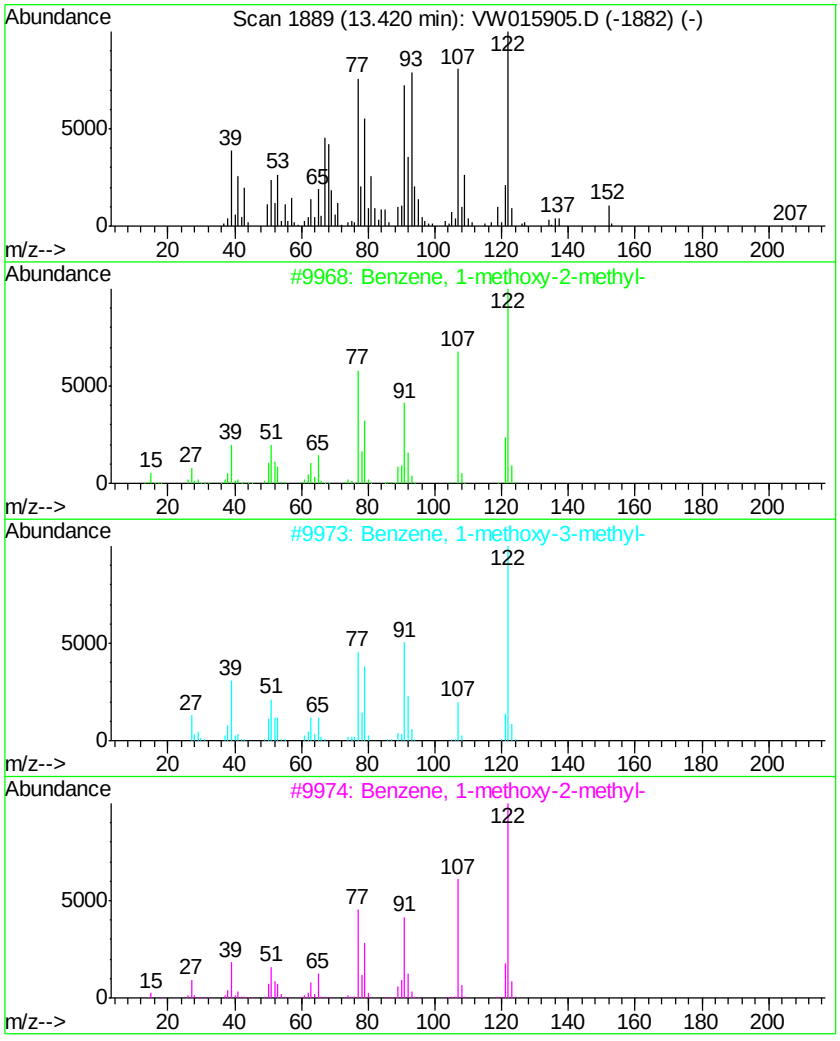
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

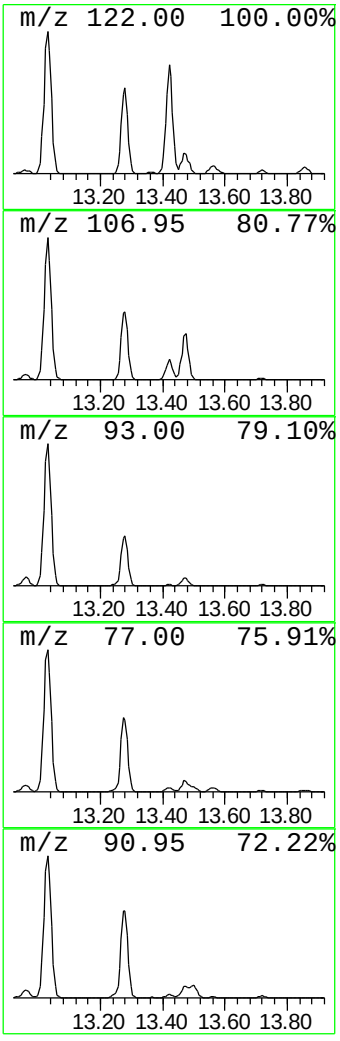
****

Peak Number 8 Benzene, 1-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	3.92 ug/L	137904	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	87
2	Benzene, 1-methoxy-3-methyl-	122	C8H10O	000100-84-5	84
3	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	78
4	3-Methylbenzyl alcohol	122	C8H10O	000587-03-1	64
5	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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

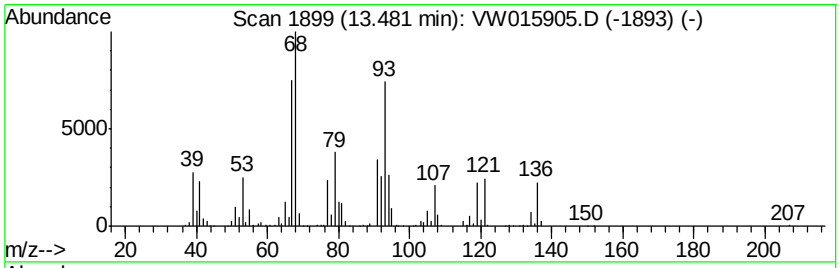
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

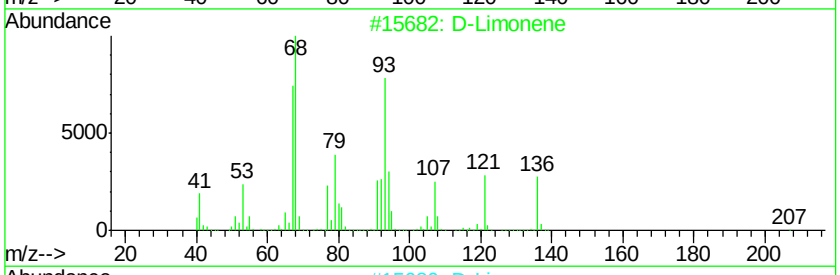
****

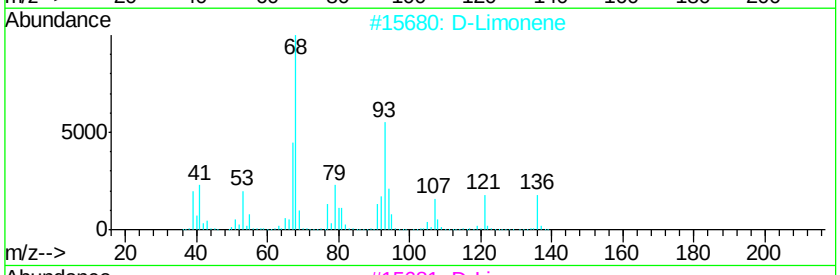
Peak Number 9 D-Limonene Concentration Rank 4

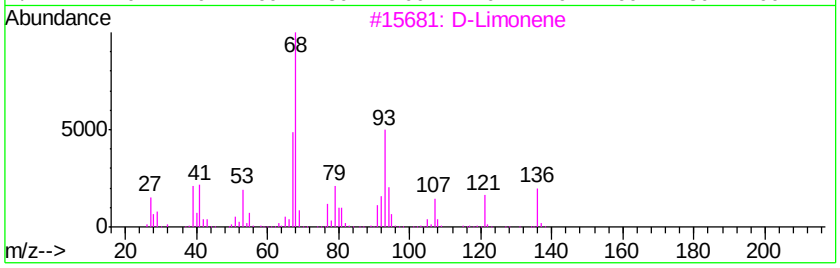
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	16.25 ug/L	572148	1,4-Dichlorobenzene-d4	13.56

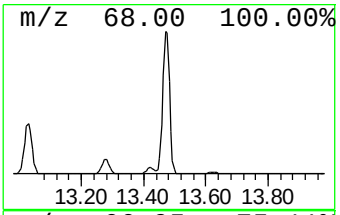
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	98
2	D-Limonene	136	C10H16	005989-27-5	95
3	D-Limonene	136	C10H16	005989-27-5	94
4	D-Limonene	136	C10H16	005989-27-5	94
5	Limonene	136	C10H16	000138-86-3	94

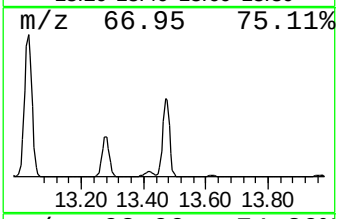


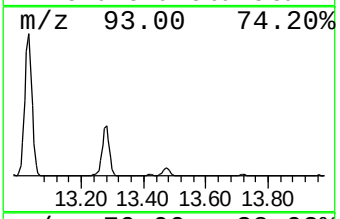


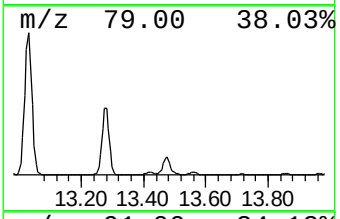


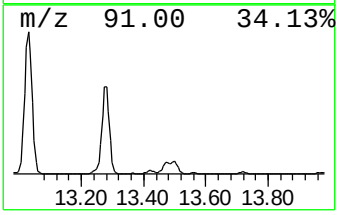












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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

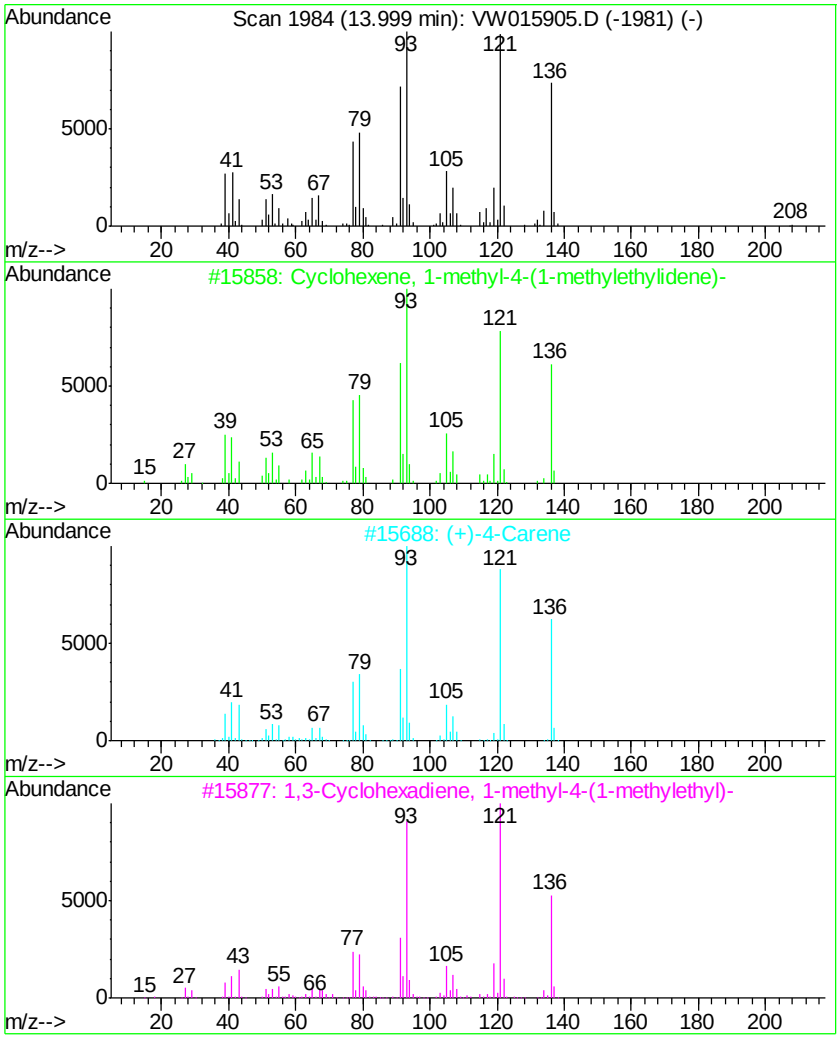
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

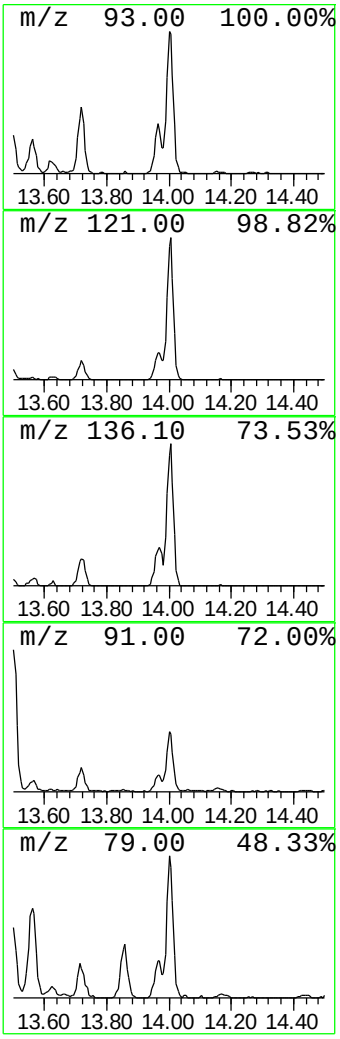
****

Peak Number 10 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	3.62 ug/L	127379	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	98
2	(+)-4-Carene	136	C10H16	029050-33-7	96
3	1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	95
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	95
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015905.D
Acq On : 22 Jul 2020 15:34
Operator : SY/VA
Sample : L3388-11
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AD7

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	12.48	48.9	ug/L	2172180	2	11.63	1110910	25.0
.beta.-Myrcene	12.96	9.5	ug/L	333586	3	13.56	880438	25.0
Bicyclo[3.1.1]hep...	13.03	126.4	ug/L	4452420	3	13.56	880438	25.0
3-Carene	13.28	51.5	ug/L	1815070	3	13.56	880438	25.0
Benzene, 1-methox...	13.42	3.9	ug/L	137904	3	13.56	880438	25.0
D-Limonene	13.48	16.3	ug/L	572148	3	13.56	880438	25.0
Cyclohexene, 1-me...	14.00	3.6	ug/L	127379	3	13.56	880438	25.0