

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011242.D
 Acq On : 12 Jul 2019 16:13
 Operator : SY/VA
 Sample : K3760-08
 Misc : 5.32G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Y8

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\SOM2WLM070219S.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	2.349	67	73	84	rVB	68340	127843	11.48%	1.859%
2	2.885	153	161	177	rBV	45322	121871	10.94%	1.772%
3	3.373	236	241	253	rVB3	4153	10766	0.97%	0.157%
4	3.477	255	258	259	rBV3	488	498	0.04%	0.007%
5	3.531	259	267	284	rBV2	8890	26594	2.39%	0.387%
6	3.849	312	319	324	rBV7	1587	4370	0.39%	0.064%
7	4.013	335	346	359	rBV	107394	364646	32.74%	5.302%
8	4.397	399	409	419	rBV4	2284	8273	0.74%	0.120%
9	4.598	436	442	443	rBV4	1740	2658	0.24%	0.039%
10	4.909	486	493	494	rBV4	1892	3571	0.32%	0.052%
11	5.086	519	522	524	rBV2	487	533	0.05%	0.008%
12	5.171	532	536	538	rVB4	473	706	0.06%	0.010%
13	5.434	576	579	585	rVV3	675	1207	0.11%	0.018%
14	5.580	600	603	605	rVB	504	501	0.04%	0.007%
15	5.610	605	608	610	rBV	424	593	0.05%	0.009%
16	5.775	630	635	645	rVB8	1539	4887	0.44%	0.071%
17	5.934	651	661	670	rBV6	2754	9155	0.82%	0.133%
18	6.122	689	692	695	rVV3	522	685	0.06%	0.010%
19	6.421	737	741	743	rBV2	410	664	0.06%	0.010%
20	6.574	761	766	770	rBV3	423	799	0.07%	0.012%
21	6.824	805	807	810	rVB2	506	432	0.04%	0.006%
22	6.976	825	832	833	rBV4	1001	1990	0.18%	0.029%
23	7.080	840	849	871	rBV2	37796	119959	10.77%	1.744%
24	7.421	901	905	912	rBV5	2205	5371	0.48%	0.078%
25	7.647	928	942	956	rBV	180144	448842	40.29%	6.526%
26	7.939	987	990	991	rBV2	906	948	0.09%	0.014%
27	8.025	1003	1004	1008	rBV2	414	575	0.05%	0.008%
28	8.092	1012	1015	1022	rBV4	319	723	0.06%	0.011%
29	8.153	1022	1025	1028	rVB	645	630	0.06%	0.009%
30	8.275	1031	1045	1060	rBV2	369559	1113922	100.00%	16.197%
31	8.390	1060	1064	1066	rBV5	779	979	0.09%	0.014%
32	8.701	1109	1115	1121	rVB7	1457	2715	0.24%	0.039%
33	8.842	1129	1138	1155	rVB	342535	686151	61.60%	9.977%
34	9.079	1171	1177	1184	rVB9	2202	5645	0.51%	0.082%

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 Title : VOC Analysis

35	9.274	1199	1209	1218	rBV	269971	546305	49.04%	7.943%
36	9.415	1230	1232	1233	rBV2	712	455	0.04%	0.007%
37	9.439	1233	1236	1239	rVB4	653	646	0.06%	0.009%
38	9.658	1267	1272	1281	rVB8	2380	5696	0.51%	0.083%
39	9.835	1297	1301	1302	rBV	446	530	0.05%	0.008%
40	9.908	1310	1313	1316	rVB	533	639	0.06%	0.009%
41	9.951	1316	1320	1321	rBV2	622	707	0.06%	0.010%
42	10.036	1326	1334	1342	rBV	75086	139639	12.54%	2.030%
43	10.122	1344	1348	1350	rBV3	1472	1644	0.15%	0.024%
44	10.250	1367	1369	1372	rVB2	445	513	0.05%	0.007%
45	10.323	1372	1381	1388	rBV	438460	764827	68.66%	11.121%
46	10.384	1388	1391	1395	rVV3	4001	7754	0.70%	0.113%
47	10.427	1395	1398	1406	rVB5	7537	11928	1.07%	0.173%
48	10.500	1406	1410	1415	rBV6	1097	1893	0.17%	0.028%
49	10.579	1416	1423	1433	rVB	51433	88369	7.93%	1.285%
50	10.701	1438	1443	1448	rBV3	1871	3058	0.27%	0.044%
51	10.853	1466	1468	1471	rVB3	731	558	0.05%	0.008%
52	10.927	1473	1480	1492	rBV	96008	170161	15.28%	2.474%
53	11.024	1492	1496	1501	rVV2	10875	18941	1.70%	0.275%
54	11.085	1502	1506	1515	rVB	4721	10280	0.92%	0.149%
55	11.176	1518	1521	1524	rVB4	636	660	0.06%	0.010%
56	11.402	1553	1558	1560	rBV5	577	629	0.06%	0.009%
57	11.634	1588	1596	1608	rVV	368330	630690	56.62%	9.170%
58	11.731	1608	1612	1618	rVV6	961	1633	0.15%	0.024%
59	11.841	1623	1630	1635	rVV6	1562	2806	0.25%	0.041%
60	12.030	1659	1661	1664	rVB2	637	611	0.05%	0.009%
61	12.182	1677	1686	1692	rBV	41899	70030	6.29%	1.018%
62	12.371	1710	1717	1722	rVB5	2540	5494	0.49%	0.080%
63	12.475	1726	1734	1741	rVB	70301	123043	11.05%	1.789%
64	12.554	1744	1747	1750	rVB5	561	555	0.05%	0.008%
65	12.609	1752	1756	1760	rBV2	3667	5190	0.47%	0.075%
66	12.695	1762	1770	1780	rVB	154586	304061	27.30%	4.421%
67	12.932	1804	1809	1812	rVV	3890	6533	0.59%	0.095%
68	12.969	1812	1815	1820	rVV	5256	7855	0.71%	0.114%
69	13.030	1820	1825	1830	rVB4	4661	8653	0.78%	0.126%
70	13.072	1830	1832	1834	rBV2	598	662	0.06%	0.010%
71	13.121	1836	1840	1842	rBV4	1097	1430	0.13%	0.021%

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72	13.213	1849	1855	1862	rBV	80257	125138	11.23%	1.820%
73	13.292	1862	1868	1876	rVB	19373	33603	3.02%	0.489%
74	13.475	1891	1898	1905	rBV6	8088	18588	1.67%	0.270%
75	13.560	1905	1912	1920	rVV	209176	335665	30.13%	4.881%
76	13.652	1924	1927	1932	rVB4	2844	4158	0.37%	0.060%
77	13.853	1952	1960	1975	rBV	167951	286635	25.73%	4.168%
78	13.999	1980	1984	1985	rBV2	1096	1115	0.10%	0.016%
79	14.078	1992	1997	2003	rVB2	3111	5881	0.53%	0.086%
80	14.194	2014	2016	2017	rBV2	600	519	0.05%	0.008%
81	14.261	2024	2027	2032	rVB6	1017	1362	0.12%	0.020%
82	14.316	2032	2036	2037	rBV3	1361	1524	0.14%	0.022%
83	14.334	2037	2039	2041	rVB3	1228	1210	0.11%	0.018%
84	14.481	2061	2063	2064	rBV2	752	701	0.06%	0.010%
85	14.530	2064	2071	2076	rVB5	4668	9226	0.83%	0.134%
86	14.615	2081	2085	2086	rBV3	451	571	0.05%	0.008%
87	14.725	2100	2103	2113	rVB4	3149	5185	0.47%	0.075%
88	14.999	2146	2148	2151	rVB3	611	448	0.04%	0.007%
89	15.078	2156	2161	2167	rBV5	3730	7275	0.65%	0.106%
90	15.218	2179	2184	2188	rVV7	1386	3292	0.30%	0.048%
91	15.310	2194	2199	2202	rBV5	2829	4541	0.41%	0.066%
92	15.426	2216	2218	2222	rBV3	760	799	0.07%	0.012%
93	15.596	2244	2246	2249	rBV2	443	550	0.05%	0.008%
94	15.694	2261	2262	2265	rVB3	525	472	0.04%	0.007%
95	15.956	2303	2305	2306	rBV2	644	500	0.04%	0.007%
96	16.127	2329	2333	2335	rBV4	603	906	0.08%	0.013%
97	16.389	2375	2376	2381	rBV4	529	903	0.08%	0.013%
98	16.486	2390	2392	2394	rBV2	530	510	0.05%	0.007%
99	16.505	2394	2395	2399	rVB4	922	732	0.07%	0.011%
100	16.621	2411	2414	2418	rBV3	409	697	0.06%	0.010%

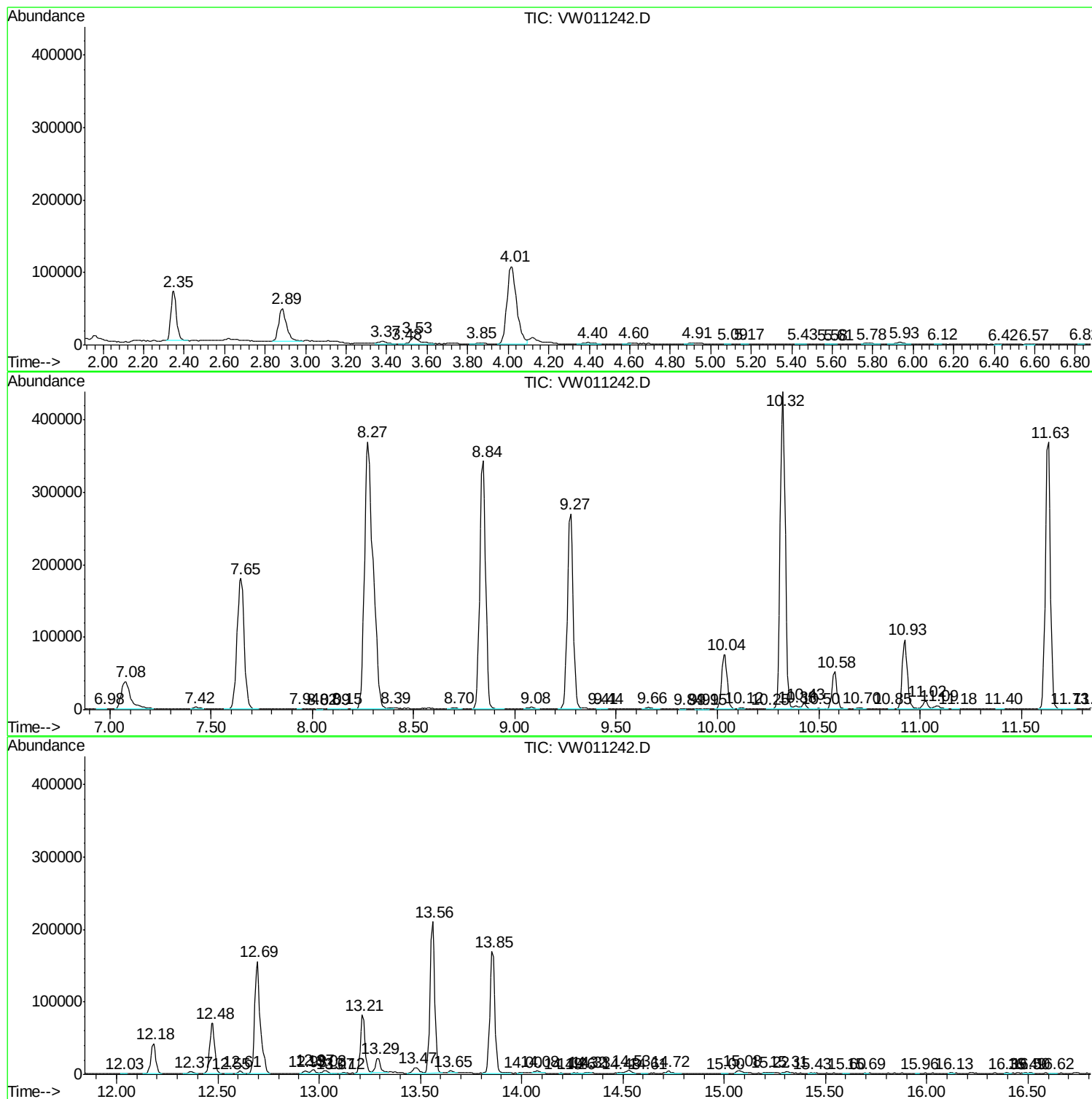
Sum of corrected areas: 6877486

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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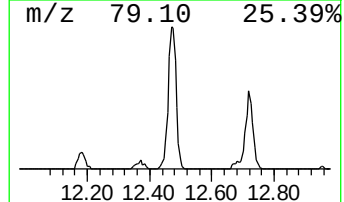
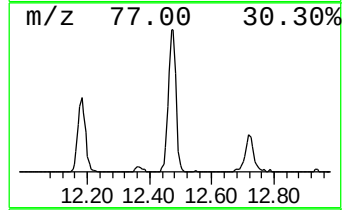
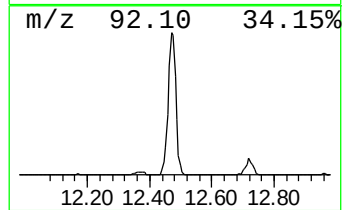
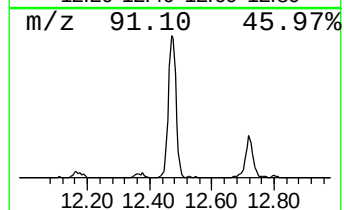
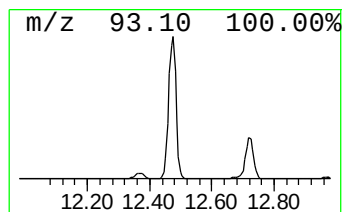
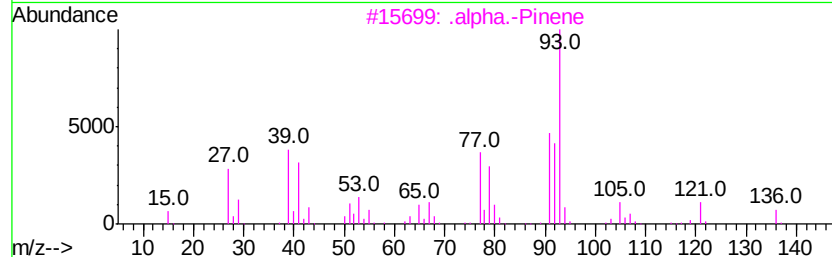
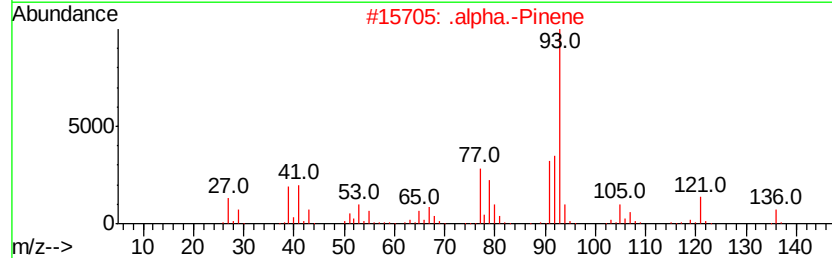
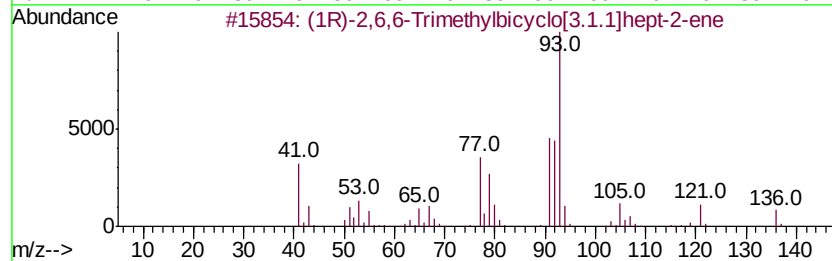
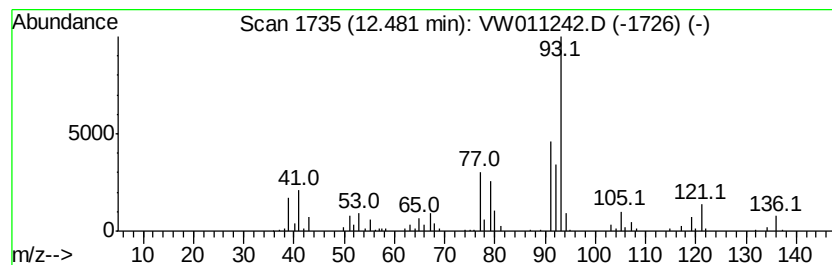
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.88 ug/L	123043	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		.gamma.-Terpinene	136	C10H16	000099-85-4	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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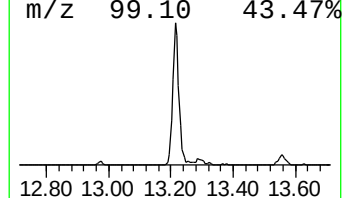
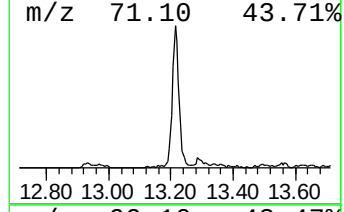
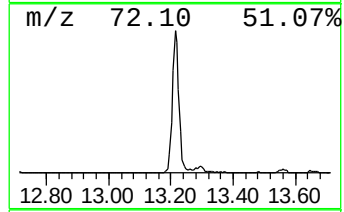
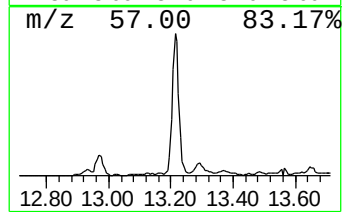
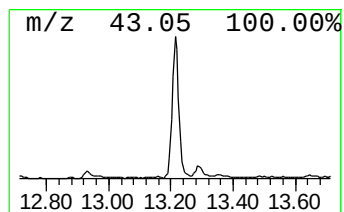
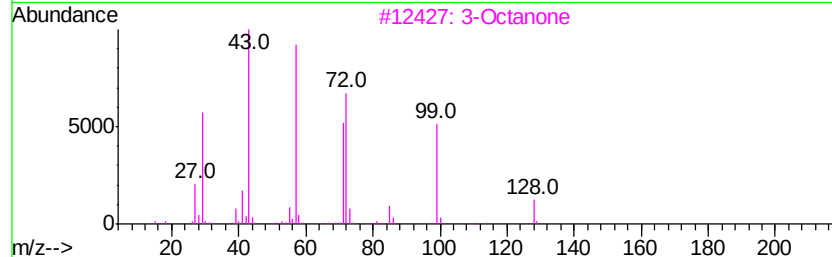
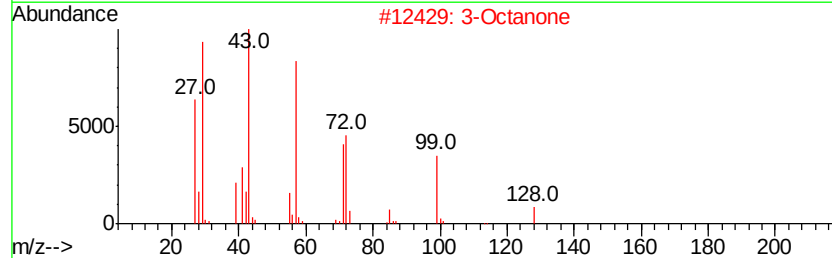
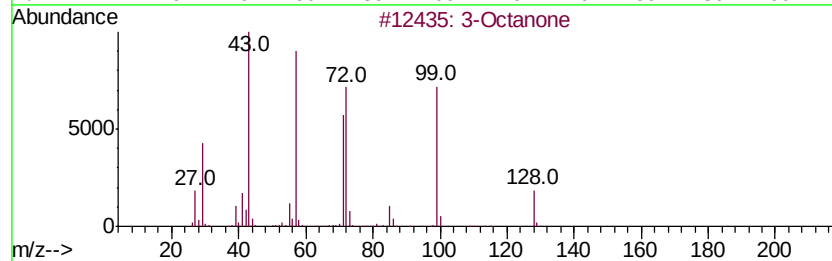
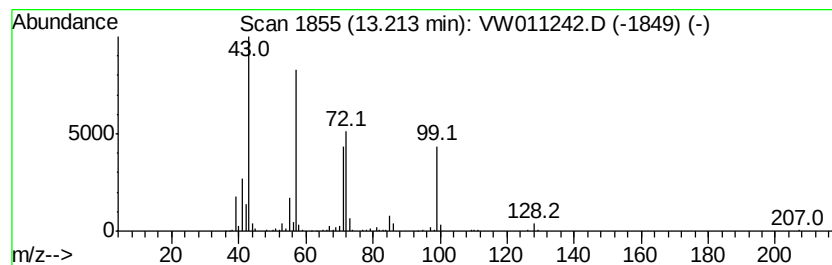
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Quant Title : VOC Analysis

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

Peak Number 3 3-Octanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.21	9.32 ug/L	125138	1,4-Dichlorobenzene-d4		13.56	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone		128	C8H16O	000106-68-3	94
2	3-Octanone		128	C8H16O	000106-68-3	74
3	3-Octanone		128	C8H16O	000106-68-3	50
4	Butanal, 2-ethyl-		100	C6H12O	000097-96-1	47
5	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	47



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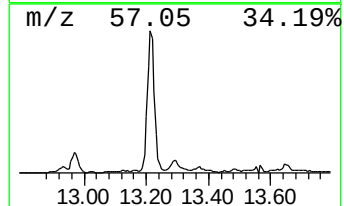
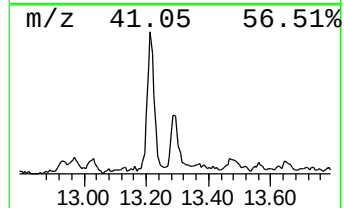
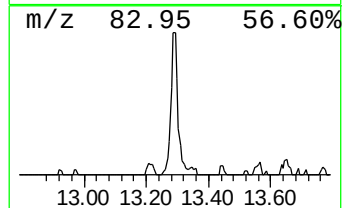
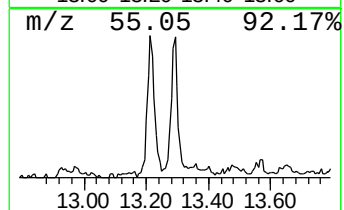
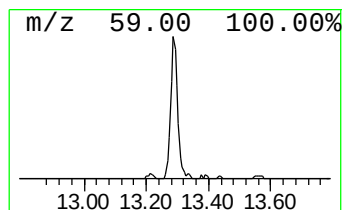
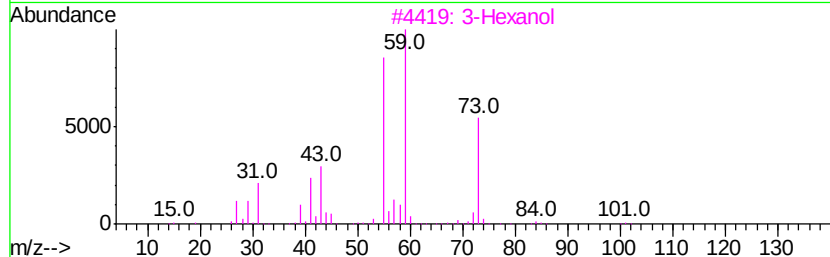
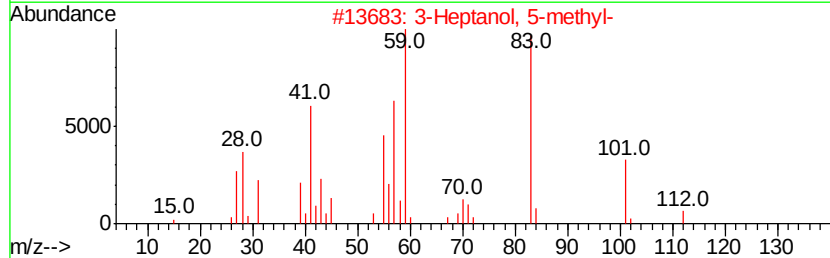
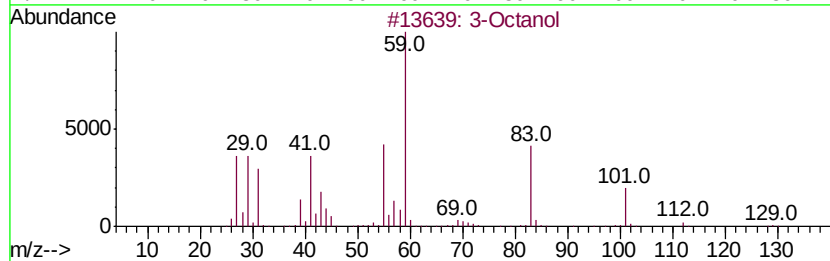
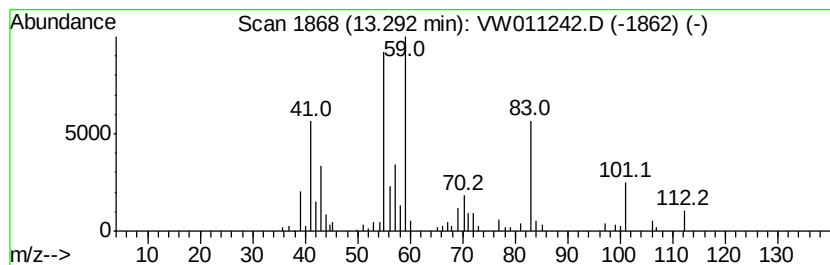
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Peak Number 4 3-Octanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.50 ug/L	33603	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Octanol	130 C8H18O	000589-98-0	59
2	3-Heptanol, 5-methyl-	130 C8H18O	018720-65-5	47
3	3-Hexanol	102 C6H14O	000623-37-0	38
4	Hexane, 3-methyl-4-methylene-	112 C8H16	003404-67-9	30
5	Butyl aldoxime, 3-methyl-, syn-	101 C5H11NO	005780-40-5	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011242.D
Acq On : 12 Jul 2019 16:13
Operator : SY/VA
Sample : K3760-08
Misc : 5.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y8

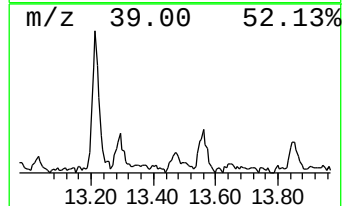
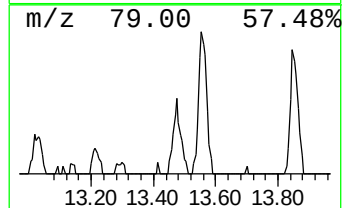
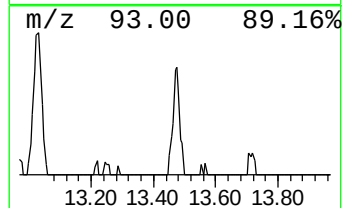
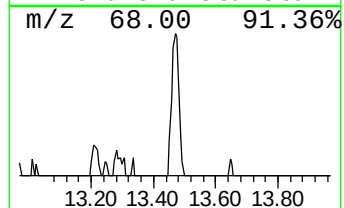
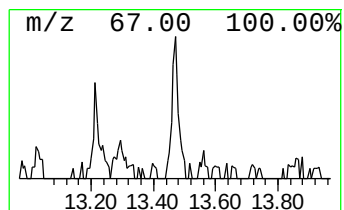
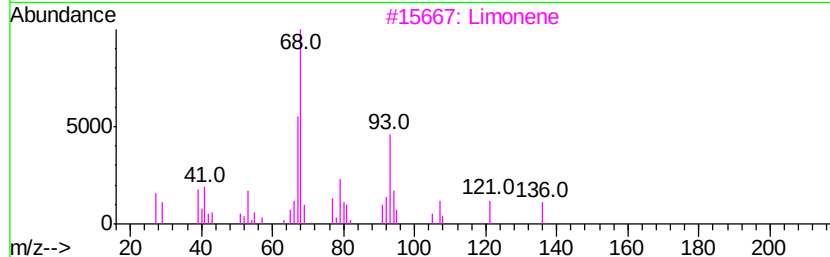
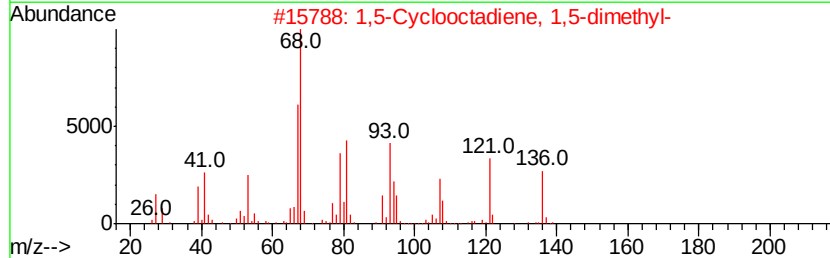
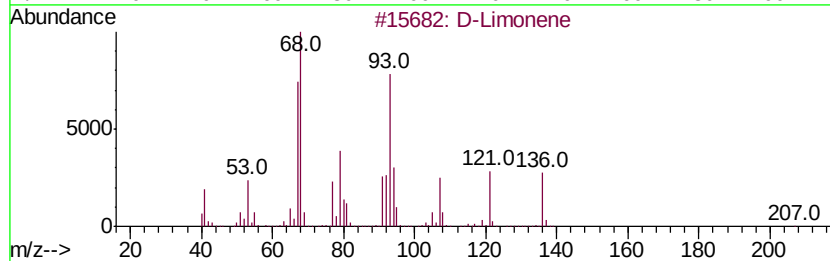
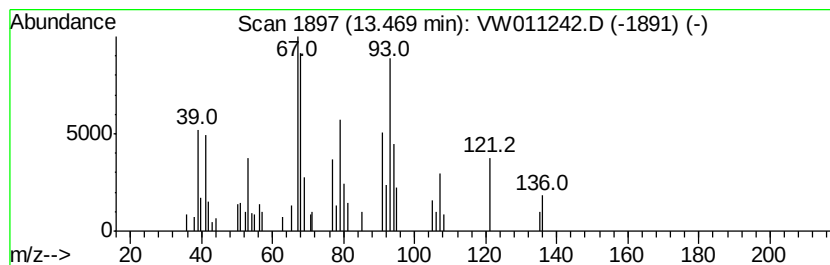
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Quant Title : VOC Analysis

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

Peak Number 5 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.38 ug/L	18588	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	76
2	1,5-Cyclooctadiene, 1,5-dimethyl-		136	C10H16	003760-14-3	68
3	Limonene		136	C10H16	000138-86-3	64
4	Limonene		136	C10H16	000138-86-3	58
5	Cyclohexene, 4-ethenyl-1,4-dimet...		136	C10H16	001743-61-9	49



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Acq On : 12 Jul 2019 16:13
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Sample : K3760-08
Misc : 5.32G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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
(1R)-2,6,6-Trimet...	12.48	4.9	ug/L	123043	2	11.63	630690	25.0
3-Octanone	13.21	9.3	ug/L	125138	3	13.56	335665	25.0
3-Octanol	13.29	2.5	ug/L	33603	3	13.56	335665	25.0
D-Limonene	13.47	1.4	ug/L	18588	3	13.56	335665	25.0