

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011317.D
 Acq On : 17 Jul 2019 20:30
 Operator : SY/VA
 Sample : K3798-20
 Misc : 4.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H3

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	1.959	5	9	10	rBV2	6862	7841	0.78%	0.106%
2	2.154	37	41	43	rBV2	1837	2530	0.25%	0.034%
3	2.343	63	72	85	rBV	54485	106543	10.53%	1.443%
4	2.489	91	96	103	rBV	15534	33832	3.34%	0.458%
5	2.879	154	160	174	rVB	36505	91694	9.06%	1.242%
6	3.257	220	222	224	rBV2	565	660	0.07%	0.009%
7	3.355	236	238	239	rBV2	676	605	0.06%	0.008%
8	3.373	239	241	242	rBV	1304	1079	0.11%	0.015%
9	3.471	254	257	259	rBV3	526	643	0.06%	0.009%
10	3.672	286	290	293	rBV4	996	1795	0.18%	0.024%
11	3.861	312	321	322	rBV6	1492	2367	0.23%	0.032%
12	4.019	334	347	357	rBV2	92992	301420	29.80%	4.083%
13	4.117	358	363	383	rVB	28086	81149	8.02%	1.099%
14	4.385	398	407	421	rVB2	4714	15759	1.56%	0.213%
15	4.665	443	453	466	rBV	16602	50305	4.97%	0.681%
16	4.909	482	493	500	rBV2	8841	33603	3.32%	0.455%
17	5.001	503	508	524	rVB3	20893	73228	7.24%	0.992%
18	5.342	560	564	565	rBV2	507	587	0.06%	0.008%
19	5.367	565	568	569	rBV2	979	858	0.08%	0.012%
20	5.415	574	576	580	rVB4	698	982	0.10%	0.013%
21	5.635	607	612	618	rVB3	454	1042	0.10%	0.014%
22	5.775	627	635	647	rVV4	4679	14957	1.48%	0.203%
23	5.934	652	661	670	rVV4	4396	13270	1.31%	0.180%
24	6.104	685	689	695	rVV4	662	1238	0.12%	0.017%
25	6.415	739	740	747	rVB3	410	695	0.07%	0.009%
26	6.598	765	770	778	rVB5	1194	3063	0.30%	0.041%
27	6.897	811	819	827	rBV4	1748	4340	0.43%	0.059%
28	6.964	827	830	831	rBV2	904	902	0.09%	0.012%
29	7.074	840	848	857	rBV	50704	147534	14.58%	1.998%
30	7.372	895	897	905	rVB4	594	1006	0.10%	0.014%
31	7.506	913	919	920	rBV2	348	625	0.06%	0.008%
32	7.647	930	942	959	rBV	169479	419172	41.44%	5.678%
33	7.854	972	976	981	rBV5	420	560	0.06%	0.008%
34	7.927	981	988	993	rBV5	731	1381	0.14%	0.019%

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35	8.275	1033	1045	1060	rBV2	329178	1011557	100.00%	13.702%
36	8.549	1083	1090	1099	rVV5	3244	7732	0.76%	0.105%
37	8.701	1110	1115	1123	rVB7	1944	5188	0.51%	0.070%
38	8.842	1129	1138	1148	rBV	333283	662715	65.51%	8.977%
39	9.031	1167	1169	1171	rBV	445	506	0.05%	0.007%
40	9.079	1171	1177	1186	rVB7	2487	6596	0.65%	0.089%
41	9.274	1199	1209	1220	rBV	253689	520229	51.43%	7.047%
42	9.409	1226	1231	1241	rVB3	4467	9971	0.99%	0.135%
43	9.524	1245	1250	1252	rBV4	318	491	0.05%	0.007%
44	9.659	1262	1272	1280	rVB5	3230	7314	0.72%	0.099%
45	9.860	1301	1305	1306	rBV2	590	677	0.07%	0.009%
46	10.036	1324	1334	1343	rBV	114537	214715	21.23%	2.908%
47	10.122	1346	1348	1351	rBV4	1069	1216	0.12%	0.016%
48	10.323	1373	1381	1388	rBV	415034	728528	72.02%	9.868%
49	10.384	1388	1391	1401	rVB3	5985	12114	1.20%	0.164%
50	10.500	1404	1410	1412	rBV6	905	1695	0.17%	0.023%
51	10.579	1416	1423	1431	rBV	77856	135824	13.43%	1.840%
52	10.707	1437	1444	1451	rVB2	10953	18877	1.87%	0.256%
53	10.841	1462	1466	1471	rVV4	1024	1819	0.18%	0.025%
54	10.927	1473	1480	1496	rVV	180426	324037	32.03%	4.389%
55	11.073	1498	1504	1514	rVV2	26147	46819	4.63%	0.634%
56	11.177	1517	1521	1524	rVB5	1059	1549	0.15%	0.021%
57	11.347	1545	1549	1552	rVB4	525	800	0.08%	0.011%
58	11.402	1552	1558	1564	rBV7	982	1942	0.19%	0.026%
59	11.561	1579	1584	1586	rBV2	470	626	0.06%	0.008%
60	11.634	1587	1596	1607	rBV	410172	710748	70.26%	9.627%
61	11.841	1624	1630	1639	rBV3	6103	13284	1.31%	0.180%
62	12.097	1670	1672	1674	rBV3	360	482	0.05%	0.007%
63	12.164	1679	1683	1685	rBV2	886	1223	0.12%	0.017%
64	12.268	1699	1700	1705	rVB5	473	534	0.05%	0.007%
65	12.341	1705	1712	1717	rBV5	2418	3897	0.39%	0.053%
66	12.609	1750	1756	1763	rBV	67519	106829	10.56%	1.447%
67	12.695	1763	1770	1777	rVB	204204	334645	33.08%	4.533%
68	12.804	1783	1788	1790	rBV4	521	601	0.06%	0.008%
69	12.884	1795	1801	1802	rBV4	1118	1668	0.16%	0.023%
70	12.932	1807	1809	1812	rBV4	760	971	0.10%	0.013%
71	13.255	1857	1862	1863	rBV3	895	1446	0.14%	0.020%

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72	13.280	1863	1866	1876	rVB6	1961	4990	0.49%	0.068%
73	13.396	1881	1885	1891	rVV5	2271	3654	0.36%	0.049%
74	13.469	1891	1897	1905	rVV	24591	39765	3.93%	0.539%
75	13.560	1905	1912	1923	rVV	300833	486113	48.06%	6.585%
76	13.652	1923	1927	1933	rVV3	4150	7117	0.70%	0.096%
77	13.700	1933	1935	1938	rVV4	547	770	0.08%	0.010%
78	13.755	1942	1944	1949	rBV5	635	787	0.08%	0.011%
79	13.798	1949	1951	1953	rVV3	530	532	0.05%	0.007%
80	13.853	1953	1960	1971	rVV	262827	433705	42.87%	5.875%
81	13.981	1978	1981	1984	rBV3	461	631	0.06%	0.009%
82	14.072	1990	1996	2004	rVB2	30280	49014	4.85%	0.664%
83	14.328	2031	2038	2045	rVV6	4161	7915	0.78%	0.107%
84	14.426	2051	2054	2058	rVB6	788	1144	0.11%	0.015%
85	14.463	2058	2060	2062	rVB3	795	750	0.07%	0.010%
86	14.499	2062	2066	2067	rBV2	788	1206	0.12%	0.016%
87	14.523	2067	2070	2075	rVB5	1168	1657	0.16%	0.022%
88	14.609	2081	2084	2086	rBV4	435	589	0.06%	0.008%
89	14.633	2086	2088	2090	rBV3	515	619	0.06%	0.008%
90	14.694	2094	2098	2101	rBV4	1997	3130	0.31%	0.042%
91	14.804	2111	2116	2119	rVB3	1050	1434	0.14%	0.019%
92	14.969	2141	2143	2146	rBV3	502	541	0.05%	0.007%
93	15.188	2175	2179	2184	rVB5	1146	1854	0.18%	0.025%
94	15.499	2223	2230	2238	rBV	7111	13581	1.34%	0.184%
95	15.560	2238	2240	2244	rVV4	605	734	0.07%	0.010%
96	15.603	2244	2247	2252	rVV5	545	907	0.09%	0.012%
97	15.676	2256	2259	2261	rBV3	542	569	0.06%	0.008%
98	15.950	2302	2304	2305	rBV	679	508	0.05%	0.007%
99	16.322	2363	2365	2367	rBV2	737	776	0.08%	0.011%
100	16.663	2420	2421	2424	rBV2	445	496	0.05%	0.007%

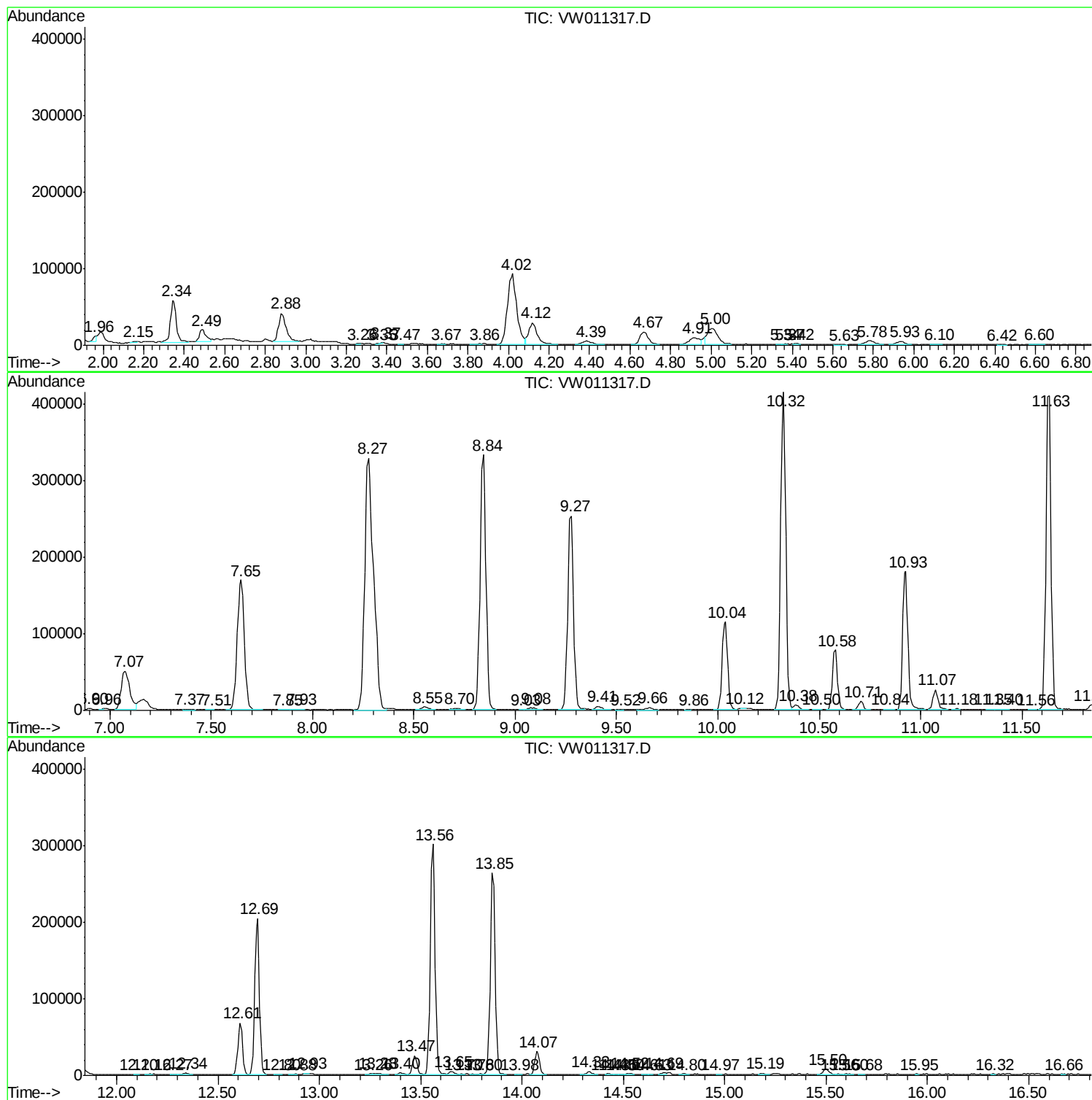
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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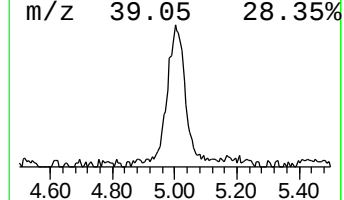
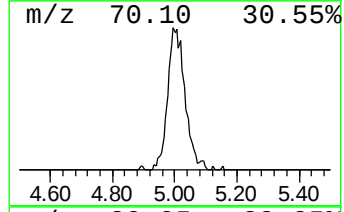
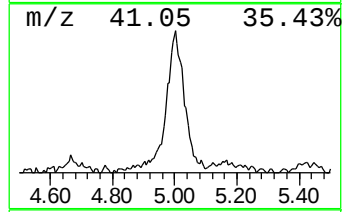
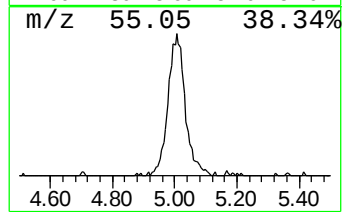
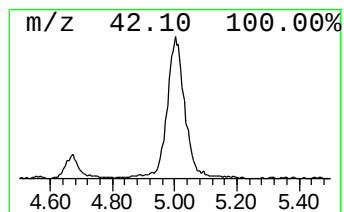
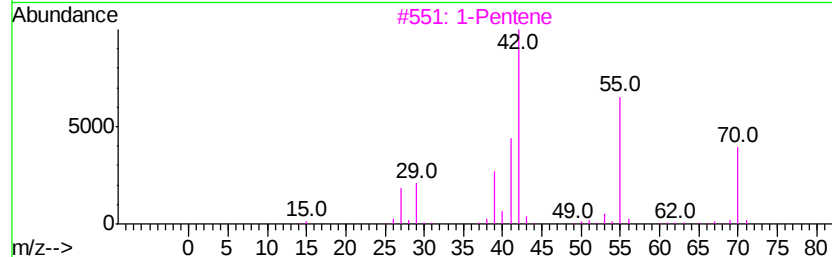
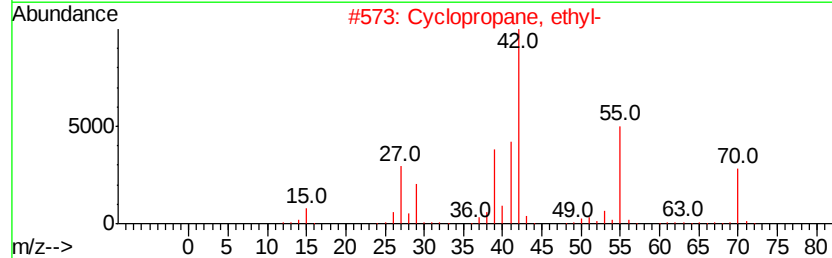
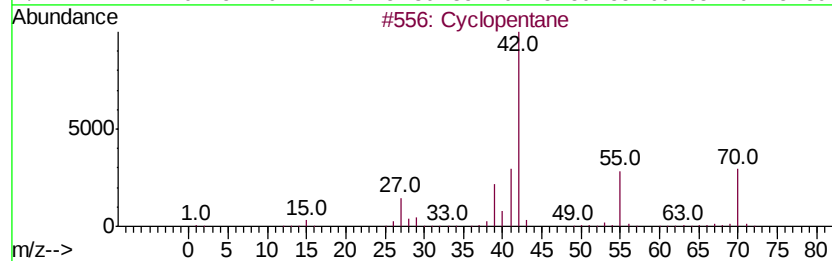
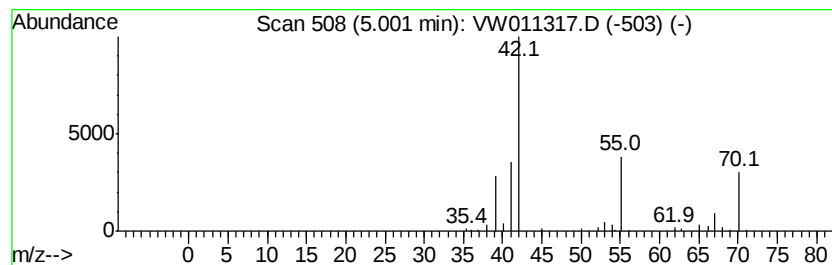
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic5.00 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	2.76 ug/L	73228	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane	70	C5H10	000287-92-3	72
2		Cyclopropane, ethyl-	70	C5H10	001191-96-4	72
3		1-Pentene	70	C5H10	000109-67-1	45
4		Cyclopropane, ethyl-	70	C5H10	001191-96-4	38
5		1-Pentene	70	C5H10	000109-67-1	38



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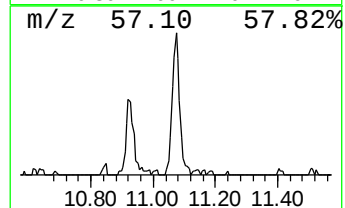
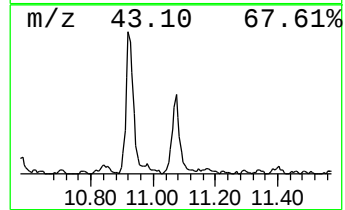
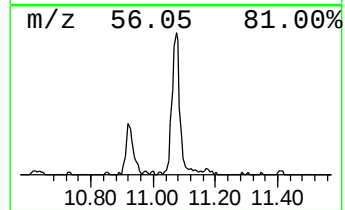
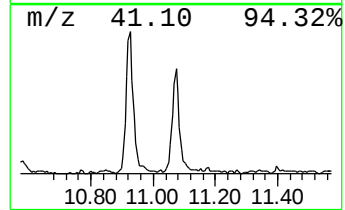
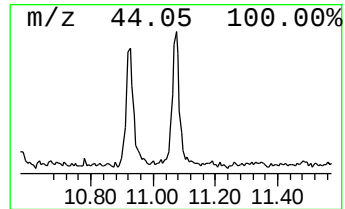
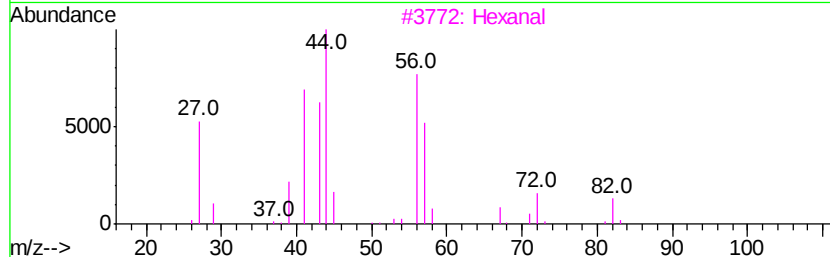
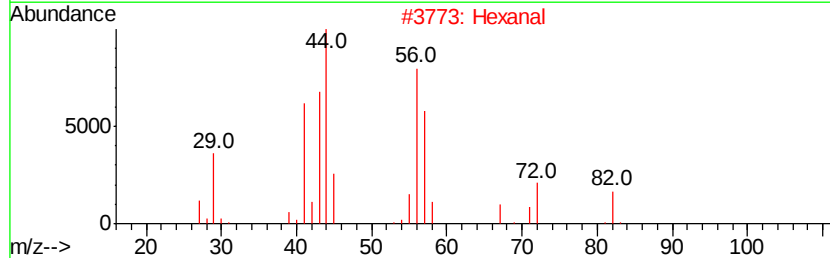
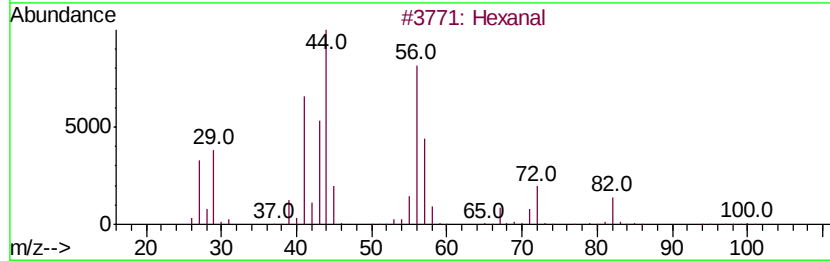
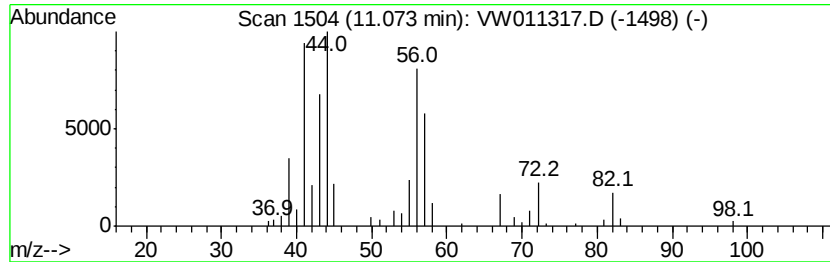
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Quant Title : VOC Analysis

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

Peak Number 5 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.65 ug/L	46819	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	86
2	Hexanal		100	C6H12O	000066-25-1	78
3	Hexanal		100	C6H12O	000066-25-1	72
4	Hexanal		100	C6H12O	000066-25-1	72
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	45



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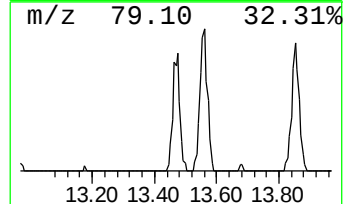
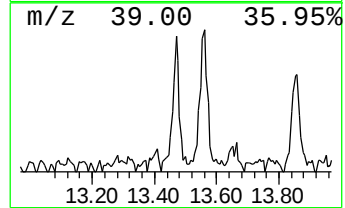
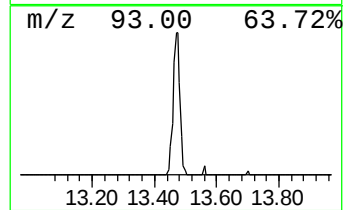
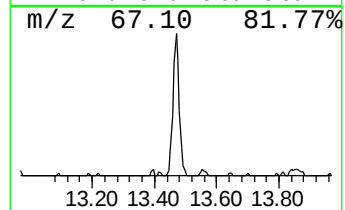
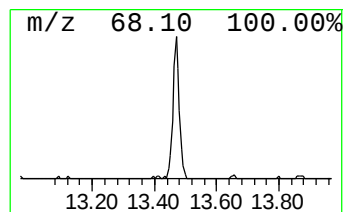
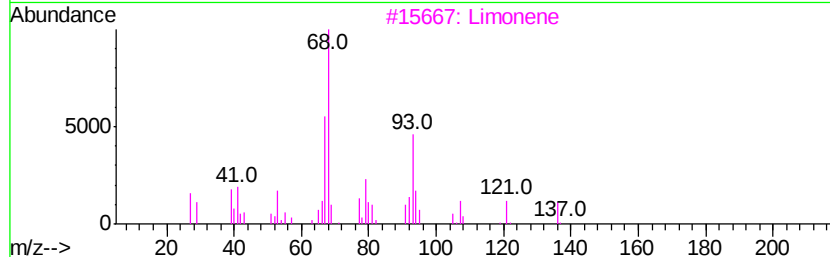
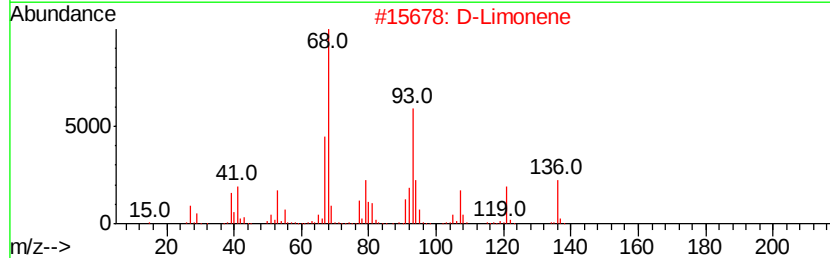
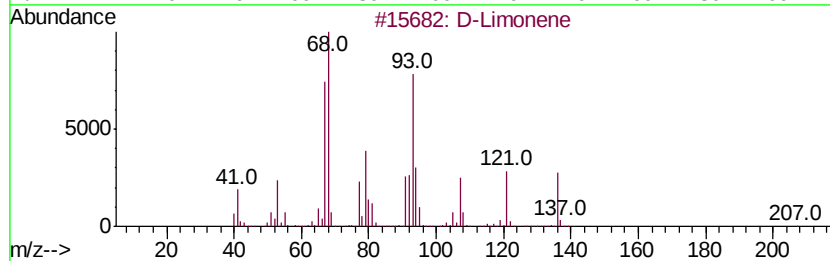
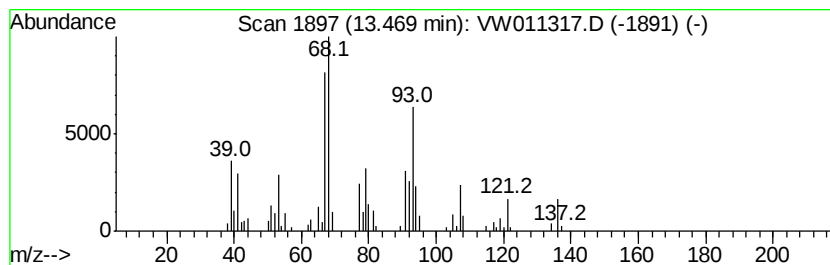
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.47	2.05 ug/L	39765	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	D-Limonene	136	C10H16	005989-27-5	93
3	Limonene	136	C10H16	000138-86-3	93
4	D-Limonene	136	C10H16	005989-27-5	81
5	D-Limonene	136	C10H16	005989-27-5	81



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Acq On : 17 Jul 2019 20:30
Operator : SY/VA
Sample : K3798-20
Misc : 4.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52H3

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
(DEL) Alkane: Cyc...	5.00	2.8	ug/L	73228	1	8.84	662715	25.0
Hexanal	11.07	1.6	ug/L	46819	2	11.63	710748	25.0
D-Limonene	13.47	2.0	ug/L	39765	3	13.56	486113	25.0