

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013831.D
 Acq On : 30 Oct 2019 12:27
 Operator : SY/VA
 Sample : K5565-08RE
 Misc : 2.84G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLNA7RE

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\SOM2WLM101819S.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	2.160	37	42	51	rBV2	15587	29952	2.51%	0.373%
2	2.349	67	73	85	rVB	96844	173409	14.56%	2.161%
3	2.885	154	161	177	rVB	64845	156742	13.16%	1.953%
4	3.257	219	222	223	rBV2	357	336	0.03%	0.004%
5	3.385	235	243	248	rBV3	3299	7470	0.63%	0.093%
6	3.440	251	252	254	rBV	420	295	0.02%	0.004%
7	3.477	254	258	261	rBV3	373	562	0.05%	0.007%
8	3.526	264	266	268	rBV3	354	345	0.03%	0.004%
9	3.605	276	279	286	rVB4	326	651	0.05%	0.008%
10	3.660	286	288	289	rBV2	781	749	0.06%	0.009%
11	3.818	312	314	316	rBV2	309	388	0.03%	0.005%
12	3.849	317	319	322	rVV3	380	353	0.03%	0.004%
13	4.019	335	347	356	rBV	142590	449998	37.78%	5.607%
14	4.117	357	363	376	rVB	89767	240107	20.16%	2.992%
15	4.385	400	407	418	rVB3	5503	15148	1.27%	0.189%
16	4.513	426	428	431	rVB3	546	544	0.05%	0.007%
17	4.574	436	438	442	rVB2	466	405	0.03%	0.005%
18	4.666	451	453	457	rVB	260	246	0.02%	0.003%
19	4.909	482	493	515	rVV3	20004	75156	6.31%	0.936%
20	5.135	528	530	532	rBV2	422	496	0.04%	0.006%
21	5.330	561	562	565	rVB2	284	257	0.02%	0.003%
22	5.452	581	582	583	rVV	528	243	0.02%	0.003%
23	5.495	587	589	592	rBB2	289	310	0.03%	0.004%
24	5.708	620	624	627	rBV3	331	551	0.05%	0.007%
25	5.775	632	635	636	rBV2	1051	1033	0.09%	0.013%
26	5.934	652	661	673	rVV2	13550	38684	3.25%	0.482%
27	6.251	711	713	716	rBV2	390	440	0.04%	0.005%
28	6.714	786	789	792	rBV2	278	339	0.03%	0.004%
29	6.903	816	820	821	rBV	381	388	0.03%	0.005%
30	6.976	828	832	833	rBV2	622	573	0.05%	0.007%
31	7.080	839	849	853	rBV	32707	87881	7.38%	1.095%
32	7.647	930	942	956	rBV	204541	502258	42.17%	6.258%
33	7.799	966	967	969	rBV	220	219	0.02%	0.003%
34	7.945	986	991	992	rBV3	783	1054	0.09%	0.013%

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 Title : VOC Analysis

35	8.006	999	1001	1003	rVB	457	261	0.02%	0.003%
36	8.049	1003	1008	1015	rBV2	481	1107	0.09%	0.014%
37	8.275	1034	1045	1062	rBV2	410964	1191149	100.00%	14.842%
38	8.458	1072	1075	1077	rBV2	556	688	0.06%	0.009%
39	8.519	1082	1085	1087	rBV2	419	497	0.04%	0.006%
40	8.549	1087	1090	1092	rBV2	432	487	0.04%	0.006%
41	8.580	1092	1095	1096	rVB3	466	391	0.03%	0.005%
42	8.708	1109	1116	1122	rBV2	3738	8733	0.73%	0.109%
43	8.750	1122	1123	1124	rBV	534	258	0.02%	0.003%
44	8.842	1129	1138	1148	rBV	323668	639856	53.72%	7.973%
45	8.964	1157	1158	1161	rVB	527	374	0.03%	0.005%
46	9.073	1168	1176	1182	rVB6	1174	3454	0.29%	0.043%
47	9.214	1196	1199	1200	rBV6	428	426	0.04%	0.005%
48	9.275	1200	1209	1218	rBV	270960	537381	45.11%	6.696%
49	9.445	1233	1237	1243	rBV4	600	1058	0.09%	0.013%
50	9.506	1245	1247	1250	rVB	342	244	0.02%	0.003%
51	9.573	1255	1258	1259	rBV	364	316	0.03%	0.004%
52	9.598	1259	1262	1268	rVB4	649	937	0.08%	0.012%
53	9.860	1300	1305	1308	rBV2	1495	2402	0.20%	0.030%
54	9.951	1317	1320	1322	rBV3	607	601	0.05%	0.007%
55	10.037	1326	1334	1344	rVV2	124685	229858	19.30%	2.864%
56	10.207	1358	1362	1365	rBV3	832	1405	0.12%	0.018%
57	10.323	1373	1381	1388	rBV	491585	878659	73.77%	10.948%
58	10.476	1403	1406	1407	rBV2	597	673	0.06%	0.008%
59	10.579	1416	1423	1431	rBV	75476	126645	10.63%	1.578%
60	10.707	1437	1444	1452	rVB	31720	57964	4.87%	0.722%
61	10.860	1463	1469	1473	rVB5	2799	4310	0.36%	0.054%
62	10.927	1473	1480	1495	rBV	104684	187875	15.77%	2.341%
63	11.067	1496	1503	1512	rVB	19202	33221	2.79%	0.414%
64	11.134	1512	1514	1515	rBV2	413	318	0.03%	0.004%
65	11.183	1518	1522	1529	rVB3	1401	2650	0.22%	0.033%
66	11.396	1555	1557	1558	rBV	477	445	0.04%	0.006%
67	11.439	1559	1564	1573	rVB2	15118	27083	2.27%	0.337%
68	11.628	1588	1595	1607	rBV	306955	533948	44.83%	6.653%
69	11.731	1607	1612	1616	rVB5	2634	4535	0.38%	0.057%
70	11.835	1620	1629	1637	rVV7	4539	13019	1.09%	0.162%
71	12.000	1654	1656	1658	rBV2	280	349	0.03%	0.004%

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72	12.055	1663	1665	1667	rBV	477	471	0.04%	0.006%
73	12.183	1679	1686	1691	rVB6	2595	5636	0.47%	0.070%
74	12.243	1691	1696	1698	rBV	1038	1593	0.13%	0.020%
75	12.365	1708	1716	1722	rVB3	6038	12072	1.01%	0.150%
76	12.469	1727	1733	1738	rVB5	2912	4974	0.42%	0.062%
77	12.524	1738	1742	1746	rBV2	1081	1981	0.17%	0.025%
78	12.609	1750	1756	1763	rBV	49000	80464	6.76%	1.003%
79	12.695	1763	1770	1779	rBV	112880	201837	16.94%	2.515%
80	12.859	1795	1797	1799	rBV2	786	839	0.07%	0.010%
81	12.932	1799	1809	1819	rVB6	65400	216958	18.21%	2.703%
82	13.048	1820	1828	1839	rBV	377547	625768	52.53%	7.797%
83	13.292	1865	1868	1874	rVB2	8694	13867	1.16%	0.173%
84	13.365	1877	1880	1881	rBV2	288	321	0.03%	0.004%
85	13.414	1883	1888	1891	rBB4	2159	2713	0.23%	0.034%
86	13.463	1894	1896	1900	rBV4	2531	4286	0.36%	0.053%
87	13.560	1905	1912	1922	rVV	172309	282668	23.73%	3.522%
88	13.652	1923	1927	1932	rVB3	7112	10362	0.87%	0.129%
89	13.762	1940	1945	1948	rBV5	2895	4985	0.42%	0.062%
90	13.853	1954	1960	1967	rBV	132582	218499	18.34%	2.723%
91	14.024	1984	1988	1989	rBV3	1323	1411	0.12%	0.018%
92	14.072	1992	1996	2005	rVB2	13737	22704	1.91%	0.283%
93	14.200	2013	2017	2022	rBV4	1431	2405	0.20%	0.030%
94	14.426	2050	2054	2055	rBV2	929	1124	0.09%	0.014%
95	14.676	2093	2095	2096	rBV	617	413	0.03%	0.005%
96	14.719	2100	2102	2108	rVB5	1680	2959	0.25%	0.037%
97	14.859	2124	2125	2127	rBV	638	463	0.04%	0.006%
98	15.438	2216	2220	2226	rVB2	13463	21211	1.78%	0.264%
99	15.621	2248	2250	2251	rBV	764	534	0.04%	0.007%
100	16.621	2413	2414	2417	rVB3	1184	797	0.07%	0.010%

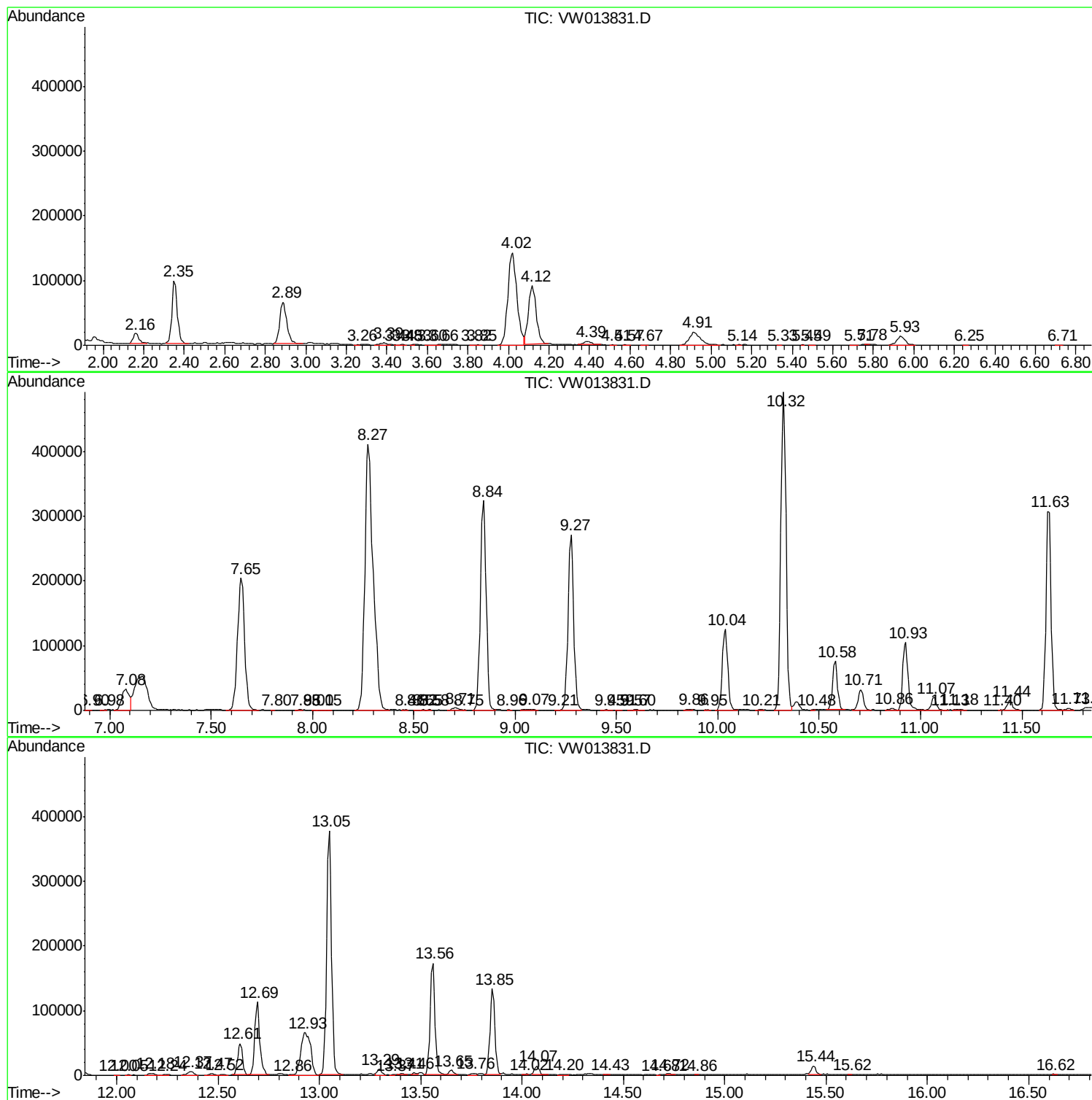
Sum of corrected areas: 8025474

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



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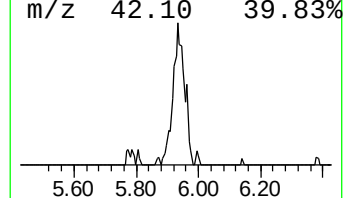
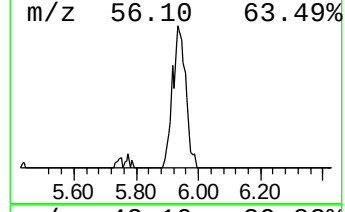
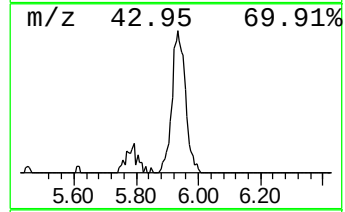
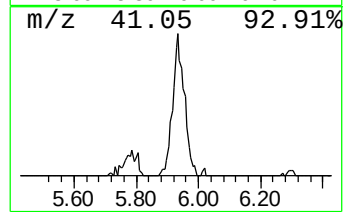
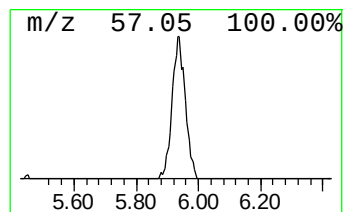
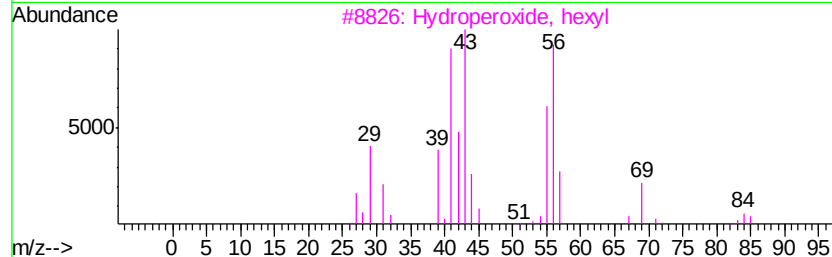
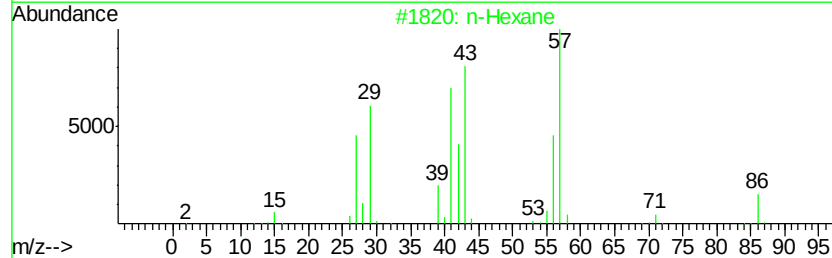
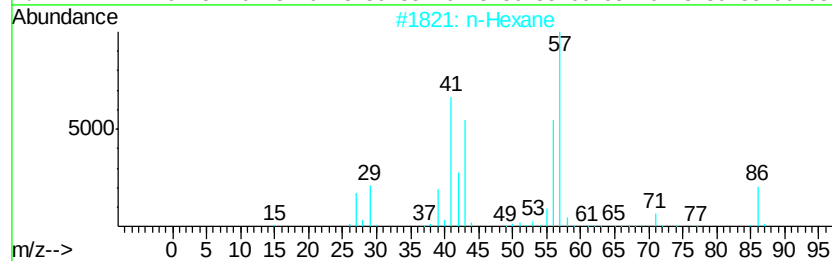
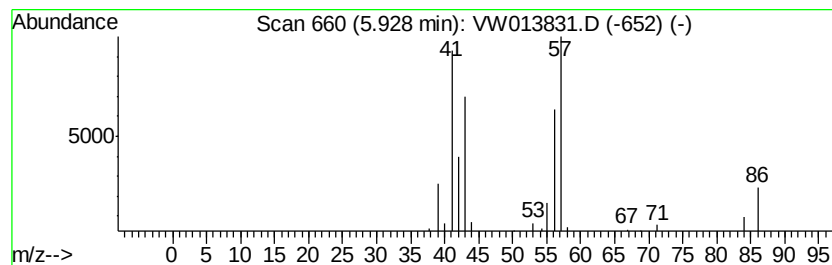
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.51 ug/L	38684	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	64
2		n-Hexane	86	C6H14	000110-54-3	56
3		Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	47
4		n-Hexane	86	C6H14	000110-54-3	47
5		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40



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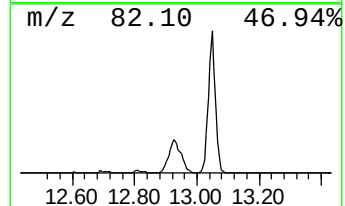
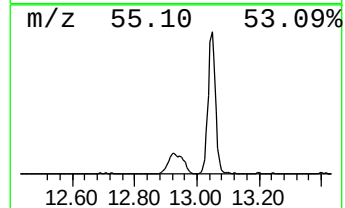
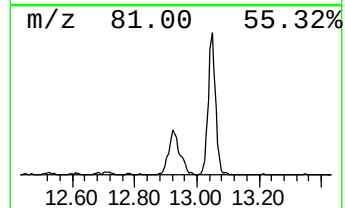
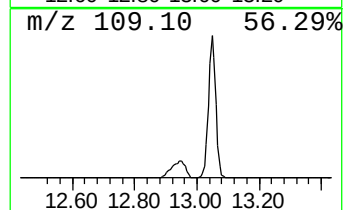
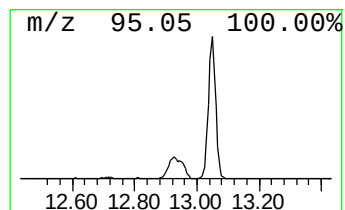
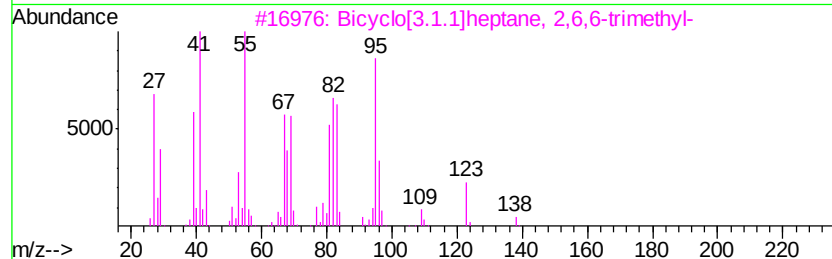
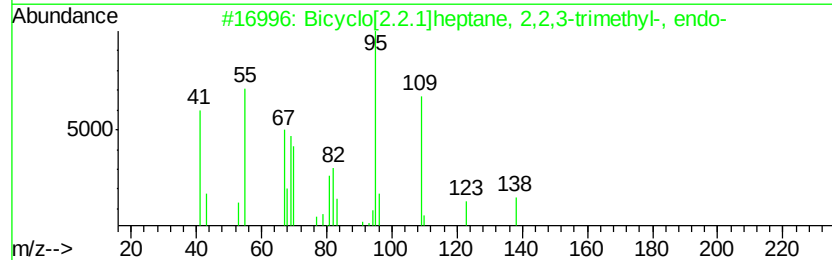
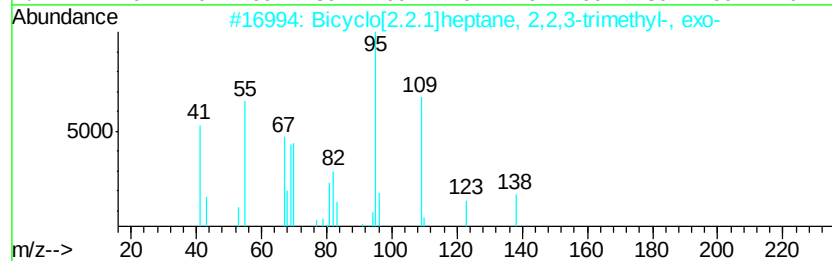
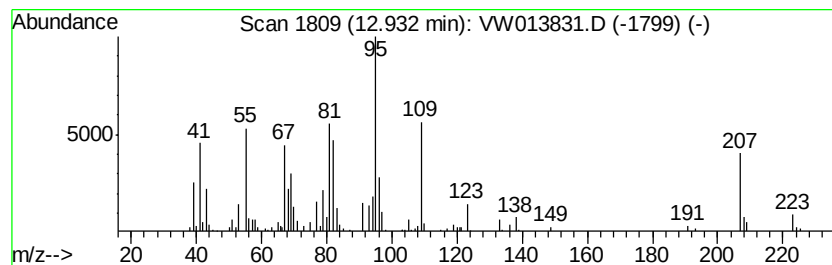
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Quant Title : VOC Analysis

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

Peak Number 7 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	19.19 ug/L	216958	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138 C10H18	020536-41-8	64
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138 C10H18	020536-40-7	58
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	000473-55-2	53
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138 C10H18	000473-19-8	49
5	(-)-trans-Pinane	138 C10H18	033626-25-4	45



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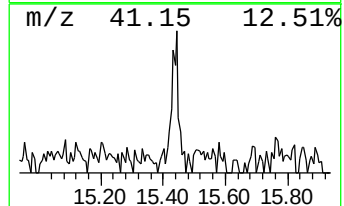
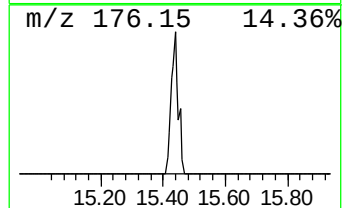
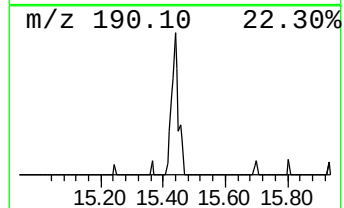
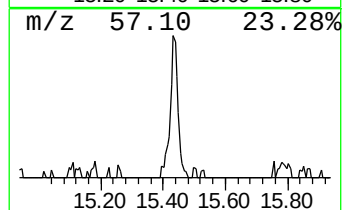
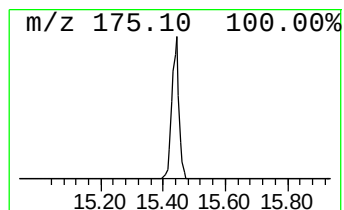
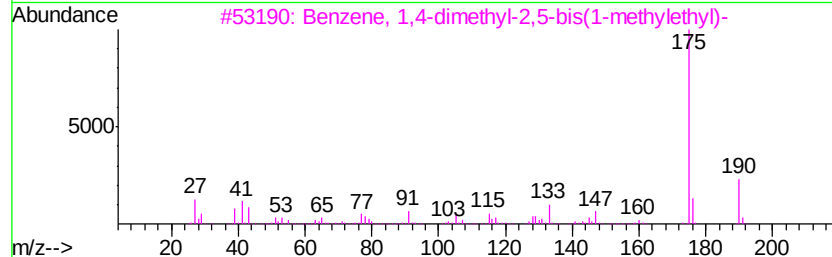
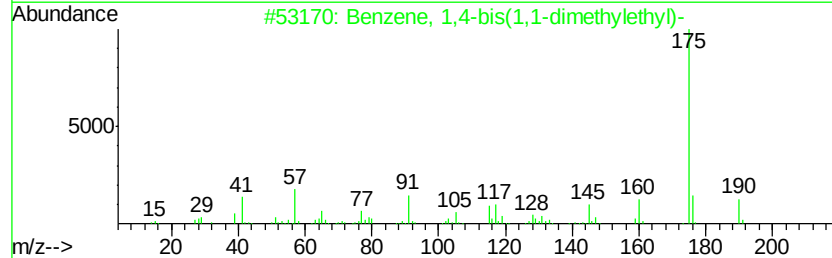
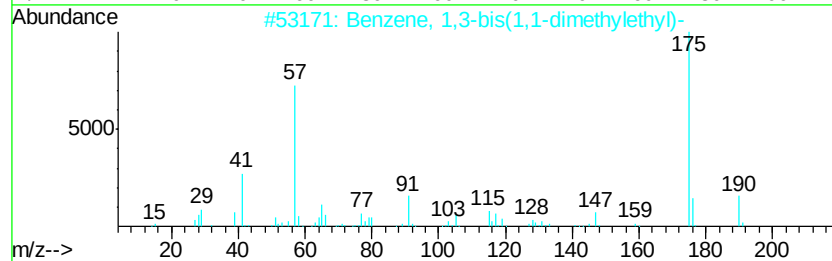
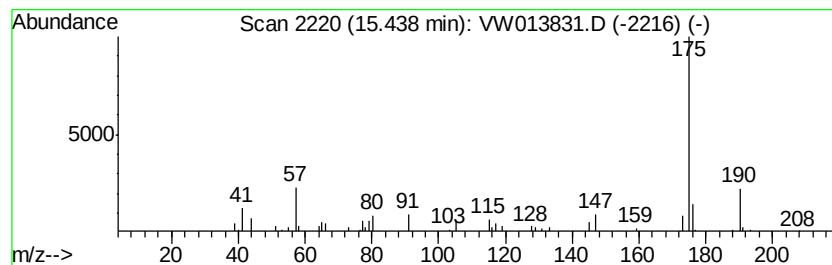
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.88 ug/L	21211	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	87
3		Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	83
4		Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
5		Benzene, 1,5-dimethyl-2,4-bis(1-...	190	C14H22	005186-68-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
Data File : VW013831.D
Acq On : 30 Oct 2019 12:27
Operator : SY/VA
Sample : K5565-08RE
Misc : 2.84G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLNA7RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.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: Str...	5.93	1.5	ug/L	38684	1	8.84	639856	25.0
Bicyclo[2.2.1]hep...	12.93	19.2	ug/L	216958	3	13.56	282668	25.0
Benzene, 1,3-bis(...	15.44	1.9	ug/L	21211	3	13.56	282668	25.0