

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005755.D
 Acq On : 02 Oct 2018 01:05
 Operator : SY/AP
 Sample : J5181-02
 Misc : 3.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC31

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\SOM2WLM092818S.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	69	74	86	rVB	34711	74744	9.54%	1.257%
2	2.891	156	162	174	rVB2	26035	70725	9.03%	1.189%
3	3.391	238	244	247	rBV2	2111	4393	0.56%	0.074%
4	3.714	295	297	298	rBV2	447	429	0.05%	0.007%
5	3.757	302	304	307	rVB2	575	428	0.05%	0.007%
6	3.842	317	318	319	rBV	640	452	0.06%	0.008%
7	4.013	335	346	363	rBV	67778	218650	27.91%	3.676%
8	4.141	363	367	375	rVB5	1419	3476	0.44%	0.058%
9	4.385	405	407	409	rBV2	372	426	0.05%	0.007%
10	4.452	416	418	419	rBV2	635	457	0.06%	0.008%
11	4.617	437	445	451	rBV2	1957	6210	0.79%	0.104%
12	4.915	481	494	512	rBV2	21143	76471	9.76%	1.286%
13	5.263	548	551	553	rVB3	444	507	0.06%	0.009%
14	5.738	627	629	632	rVV3	420	593	0.08%	0.010%
15	5.769	632	634	636	rVV2	503	583	0.07%	0.010%
16	5.933	652	661	674	rVB3	10346	30637	3.91%	0.515%
17	6.519	753	757	759	rBV	302	426	0.05%	0.007%
18	7.092	840	851	855	rBV	17562	46135	5.89%	0.776%
19	7.153	856	861	873	rVB	34950	97976	12.51%	1.647%
20	7.537	920	924	931	rVB5	587	1476	0.19%	0.025%
21	7.647	931	942	956	rBV	141997	346455	44.23%	5.825%
22	8.281	1033	1046	1062	rBV2	252809	783289	100.00%	13.169%
23	8.403	1062	1066	1069	rBV5	749	1085	0.14%	0.018%
24	8.848	1130	1139	1149	rBV	304912	596514	76.16%	10.029%
25	9.049	1170	1172	1173	rBV2	632	529	0.07%	0.009%
26	9.073	1173	1176	1181	rVB5	2232	3700	0.47%	0.062%
27	9.280	1200	1210	1221	rBV	190054	387493	49.47%	6.515%
28	9.476	1236	1242	1244	rBV3	427	736	0.09%	0.012%
29	9.665	1266	1273	1279	rBV5	1171	2683	0.34%	0.045%
30	9.762	1281	1289	1294	rBV4	2702	4735	0.60%	0.080%
31	9.902	1302	1312	1318	rBV2	7291	16196	2.07%	0.272%
32	10.036	1323	1334	1342	rBV	79718	149073	19.03%	2.506%
33	10.207	1359	1362	1364	rVV3	863	1173	0.15%	0.020%
34	10.250	1365	1369	1374	rVV2	3361	6255	0.80%	0.105%

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 Title : VOC Analysis

35	10.329	1374	1382	1389	rVV	310810	552313	70.51%	9.285%
36	10.390	1389	1392	1399	rVB2	2056	3971	0.51%	0.067%
37	10.506	1407	1411	1413	rBV3	352	493	0.06%	0.008%
38	10.579	1416	1423	1431	rBV	58085	100550	12.84%	1.690%
39	10.707	1438	1444	1452	rBV	22911	42435	5.42%	0.713%
40	10.774	1452	1455	1461	rVB4	1202	1789	0.23%	0.030%
41	10.866	1463	1470	1475	rBV4	11799	22032	2.81%	0.370%
42	10.933	1475	1481	1492	rVV	68912	125794	16.06%	2.115%
43	11.024	1494	1496	1498	rVV3	1357	1473	0.19%	0.025%
44	11.067	1498	1503	1509	rVB	25235	42172	5.38%	0.709%
45	11.183	1518	1522	1527	rVB5	1555	2596	0.33%	0.044%
46	11.231	1527	1530	1531	rBV3	566	532	0.07%	0.009%
47	11.445	1554	1565	1572	rVB2	11010	20319	2.59%	0.342%
48	11.512	1572	1576	1579	rBV4	586	1069	0.14%	0.018%
49	11.548	1580	1582	1585	rVB3	593	506	0.06%	0.009%
50	11.634	1587	1596	1607	rBV	382993	650566	83.06%	10.937%
51	11.731	1610	1612	1616	rVB4	1120	1292	0.16%	0.022%
52	11.804	1622	1624	1626	rBV	399	493	0.06%	0.008%
53	11.841	1626	1630	1634	rBV4	2122	4117	0.53%	0.069%
54	11.926	1641	1644	1648	rVB2	416	669	0.09%	0.011%
55	12.079	1666	1669	1671	rVV3	418	506	0.06%	0.009%
56	12.176	1682	1685	1690	rVB3	1832	2975	0.38%	0.050%
57	12.243	1695	1696	1701	rVB3	665	1013	0.13%	0.017%
58	12.335	1708	1711	1712	rBV3	517	541	0.07%	0.009%
59	12.414	1722	1724	1728	rVB4	467	426	0.05%	0.007%
60	12.469	1729	1733	1739	rBV7	1882	3097	0.40%	0.052%
61	12.615	1748	1757	1763	rBV	29935	49578	6.33%	0.834%
62	12.701	1763	1771	1778	rVB	136374	230333	29.41%	3.872%
63	12.877	1794	1800	1803	rBV6	2286	5104	0.65%	0.086%
64	12.938	1806	1810	1817	rVV2	13556	24247	3.10%	0.408%
65	13.018	1821	1823	1826	rBV3	558	779	0.10%	0.013%
66	13.115	1832	1839	1846	rBV7	5233	13894	1.77%	0.234%
67	13.255	1858	1862	1867	rBV4	4613	9018	1.15%	0.152%
68	13.310	1867	1871	1875	rVB2	7056	10165	1.30%	0.171%
69	13.408	1883	1887	1892	rBV6	1304	2731	0.35%	0.046%
70	13.481	1897	1899	1900	rBV2	1574	1146	0.15%	0.019%
71	13.566	1906	1913	1927	rVB	245314	412360	52.64%	6.933%

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72	13.725	1935	1939	1941	rBV4	4939	7363	0.94%	0.124%
73	13.755	1941	1944	1947	rVV	8038	12865	1.64%	0.216%
74	13.798	1948	1951	1955	rVV3	9684	15033	1.92%	0.253%
75	13.859	1955	1961	1973	rVB	180974	303325	38.72%	5.100%
76	13.963	1973	1978	1981	rVB	3903	6382	0.81%	0.107%
77	14.017	1981	1987	1989	rBV3	6728	10122	1.29%	0.170%
78	14.103	1995	2001	2008	rVB2	17609	40526	5.17%	0.681%
79	14.212	2015	2019	2024	rVB3	9678	15179	1.94%	0.255%
80	14.341	2035	2040	2044	rBV4	7197	13012	1.66%	0.219%
81	14.426	2051	2054	2057	rBV	7874	11816	1.51%	0.199%
82	14.469	2057	2061	2064	rVV	12246	17691	2.26%	0.297%
83	14.511	2064	2068	2071	rVV	7984	11610	1.48%	0.195%
84	14.542	2071	2073	2079	rVB5	5315	8773	1.12%	0.147%
85	14.651	2087	2091	2094	rBV3	4976	6299	0.80%	0.106%
86	14.694	2094	2098	2102	rBV2	8363	14264	1.82%	0.240%
87	14.737	2102	2105	2110	rVB5	12392	17304	2.21%	0.291%
88	14.816	2110	2118	2123	rBV4	20315	47655	6.08%	0.801%
89	14.962	2140	2142	2148	rVB7	2337	3057	0.39%	0.051%
90	15.029	2151	2153	2154	rBV2	2807	2529	0.32%	0.043%
91	15.072	2157	2160	2171	rVV9	10422	29986	3.83%	0.504%
92	15.188	2174	2179	2186	rVB5	9393	19903	2.54%	0.335%
93	15.334	2200	2203	2207	rBV6	2695	4303	0.55%	0.072%
94	15.371	2207	2209	2214	rVB5	2813	3470	0.44%	0.058%
95	15.450	2215	2222	2224	rBV2	6317	10362	1.32%	0.174%
96	15.670	2251	2258	2264	rBV5	6682	15187	1.94%	0.255%
97	15.834	2280	2285	2294	rVB8	6855	17688	2.26%	0.297%
98	16.285	2357	2359	2361	rBV3	825	770	0.10%	0.013%
99	16.450	2383	2386	2390	rVB5	2096	2247	0.29%	0.038%
100	16.633	2414	2416	2418	rBV3	1109	1203	0.15%	0.020%

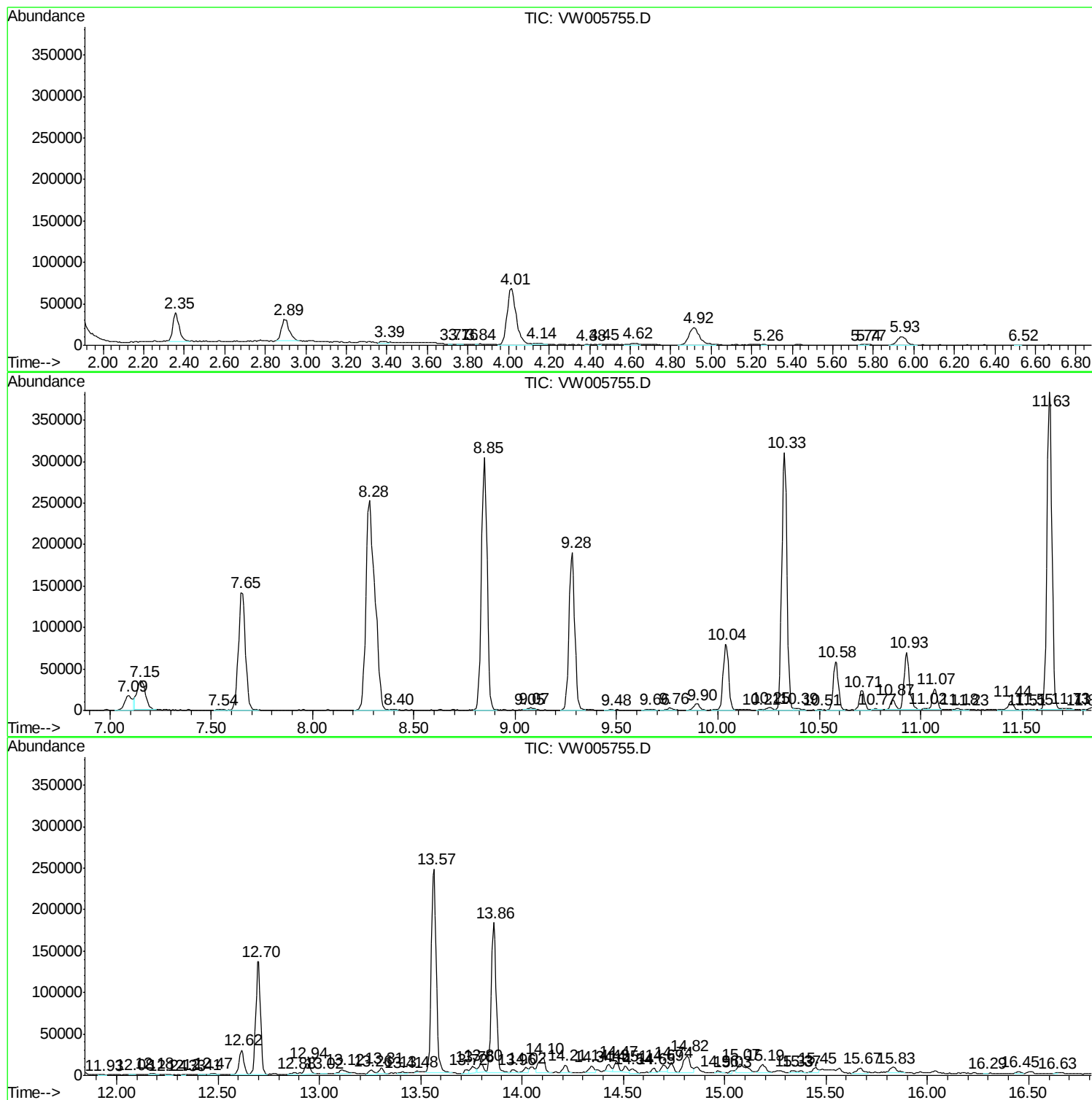
Sum of corrected areas: 5948128

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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



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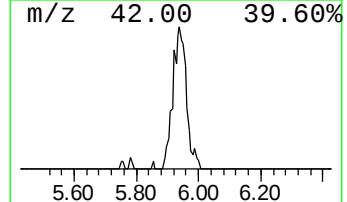
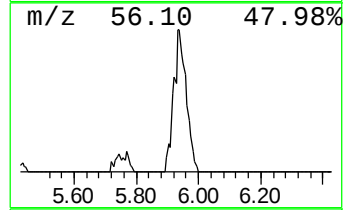
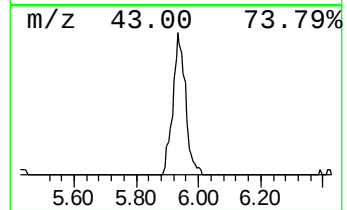
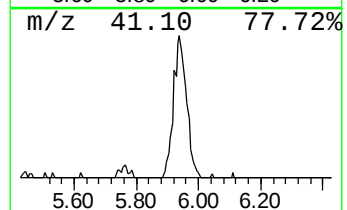
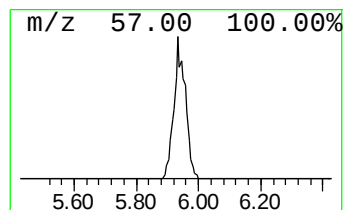
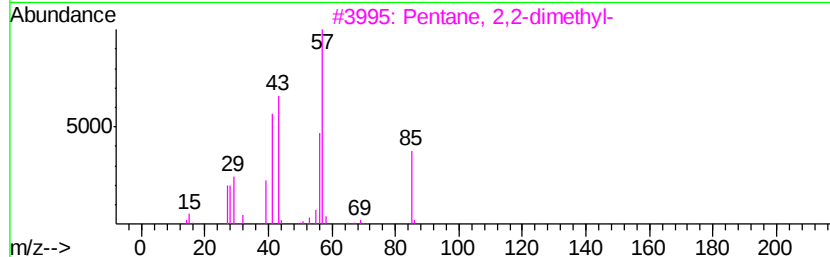
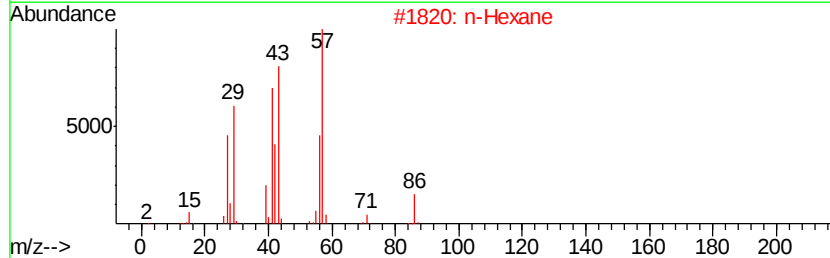
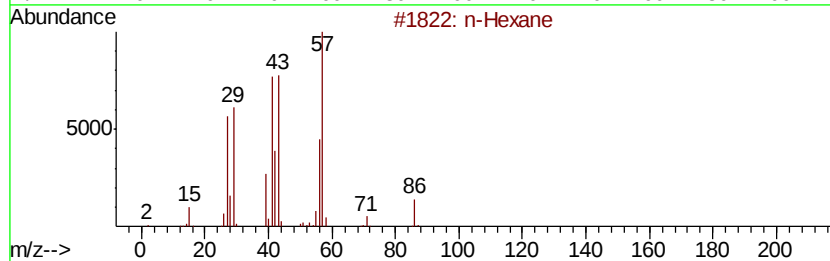
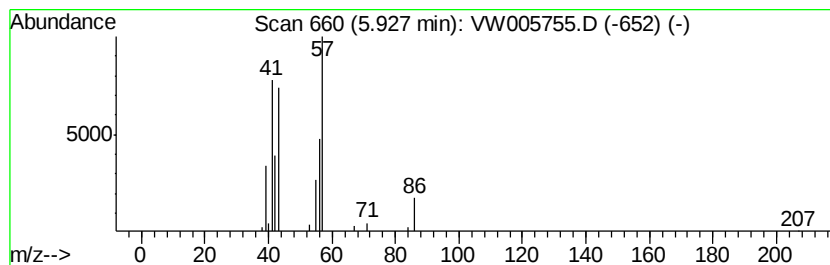
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.28 ug/L	30637	1,4-Difluorobenzene	8.85

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	50
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	50
4		n-Hexane	86	C6H14	000110-54-3	50
5		1-Butanol	74	C4H10O	000071-36-3	40



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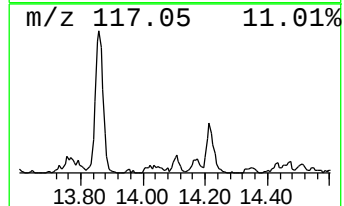
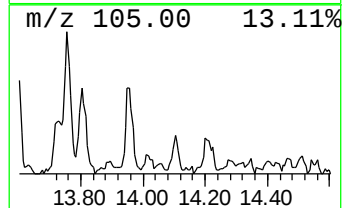
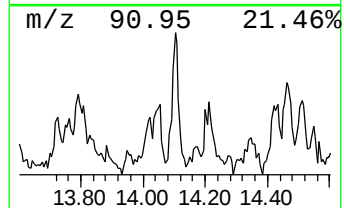
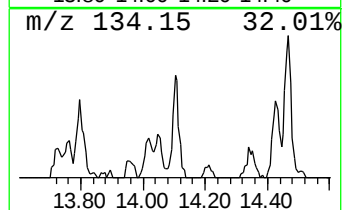
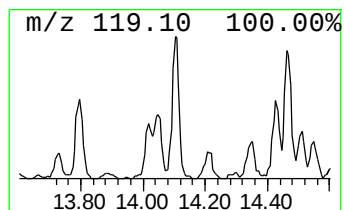
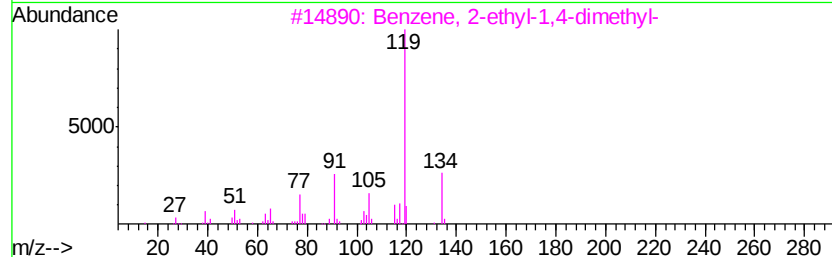
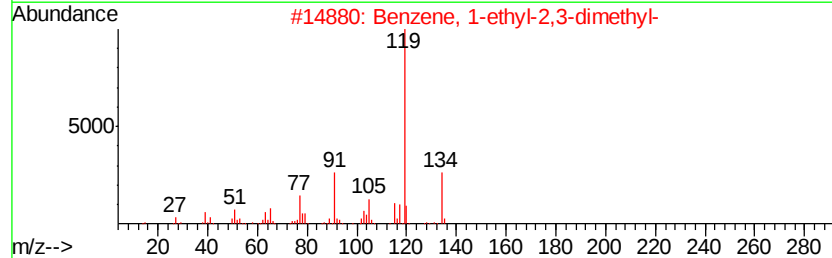
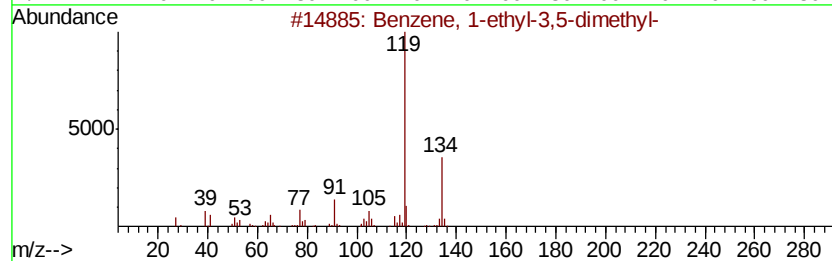
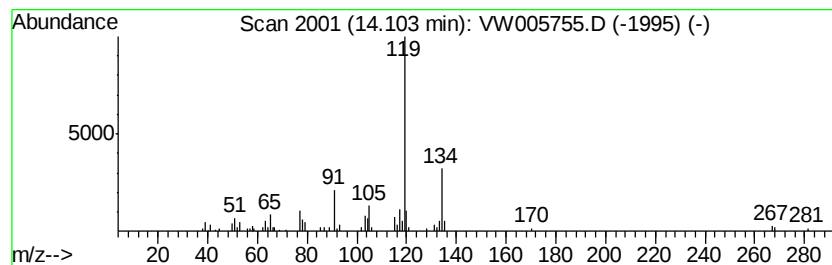
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.46 ug/L	40526	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90



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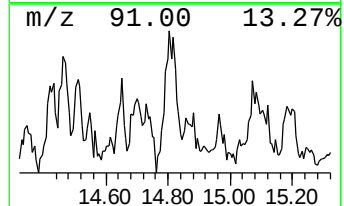
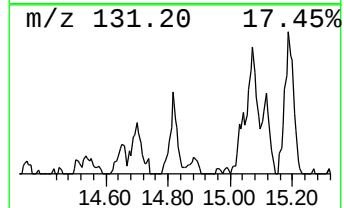
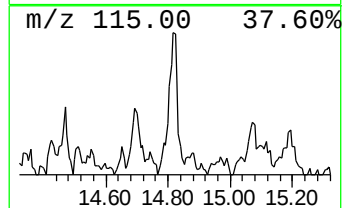
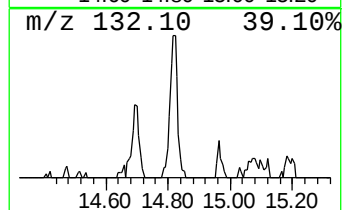
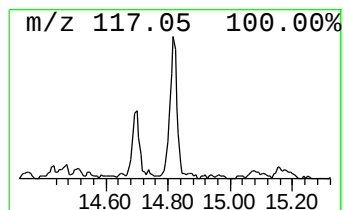
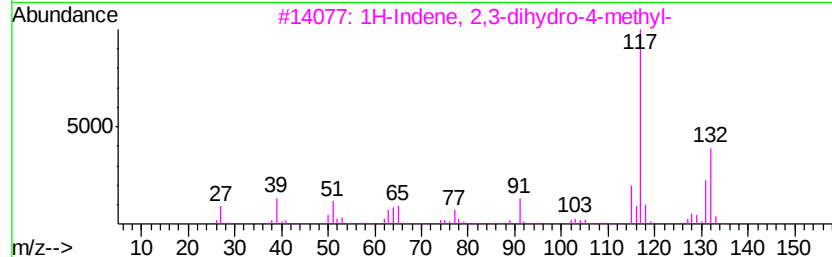
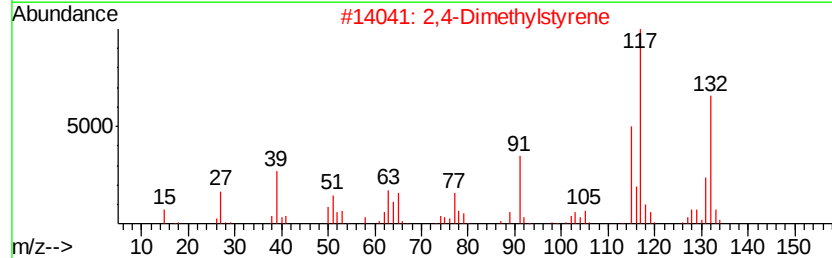
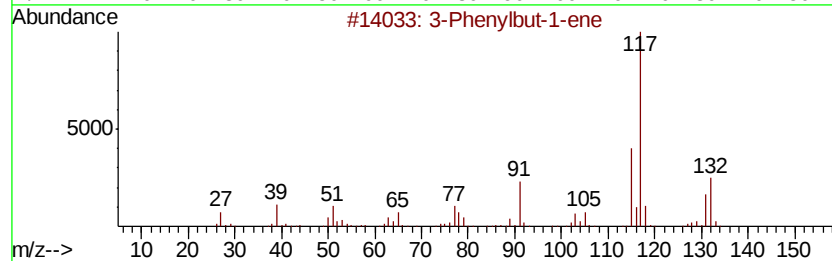
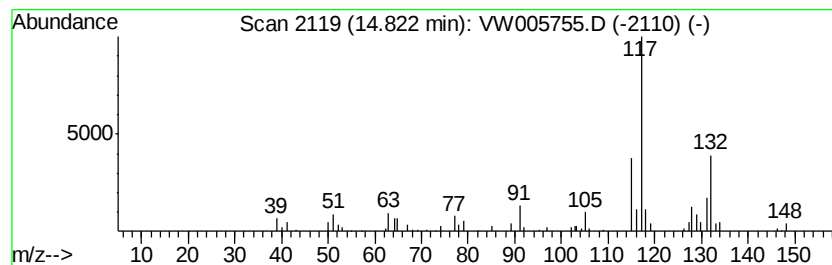
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Peak Number 9 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.89 ug/L	47655	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	81
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005755.D
Acq On : 02 Oct 2018 01:05
Operator : SY/AP
Sample : J5181-02
Misc : 3.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC31

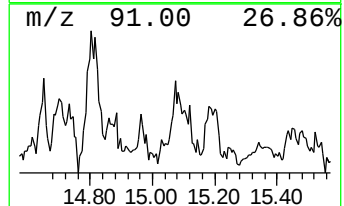
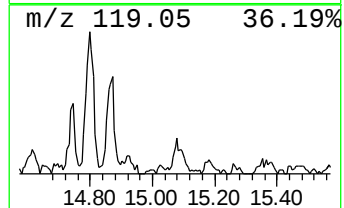
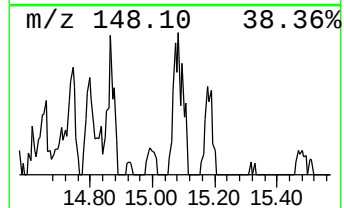
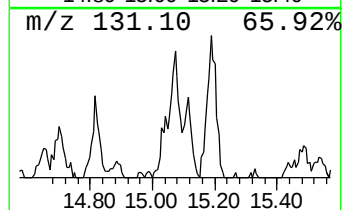
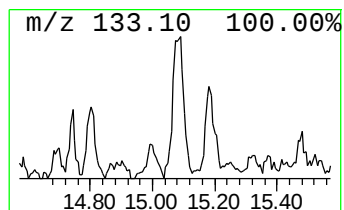
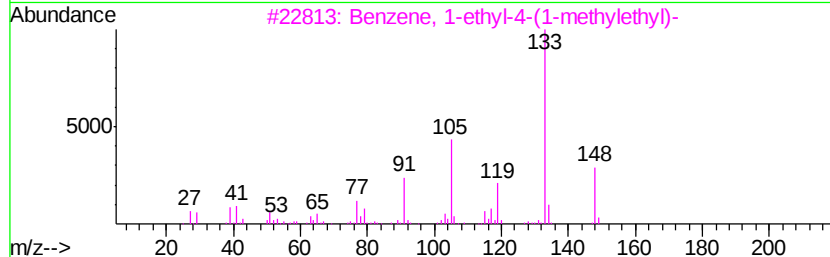
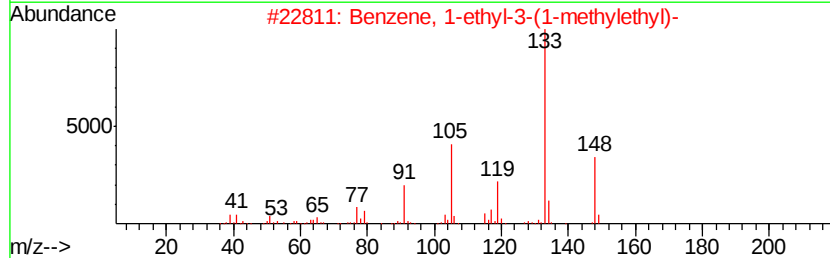
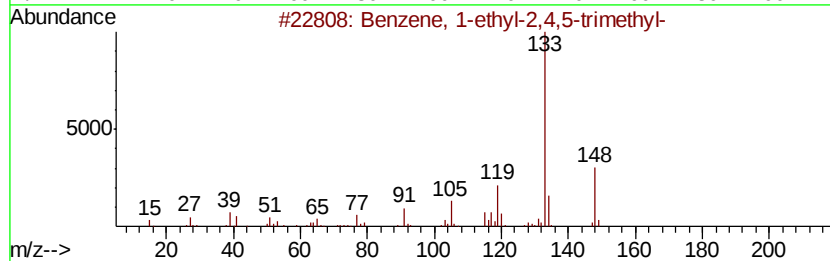
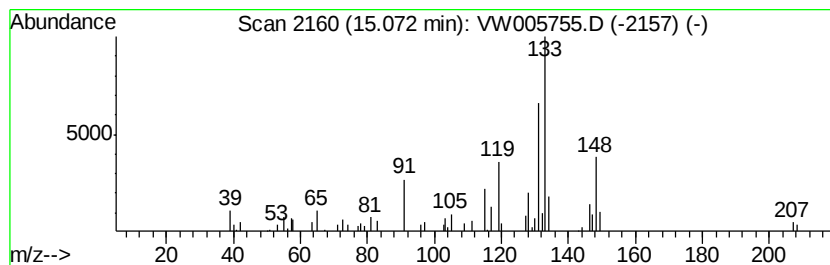
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	1.82 ug/L	29986	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	50
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	47
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	46
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100118\
Data File : VW005755.D
Acq On : 02 Oct 2018 01:05
Operator : SY/AP
Sample : J5181-02
Misc : 3.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC31

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.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	1.3	ug/L	30637	1	8.85	596514	25.0
Benzene, 1-ethyl-...	14.10	2.5	ug/L	40526	3	13.57	412360	25.0
3-Phenylbut-1-ene	14.82	2.9	ug/L	47655	3	13.57	412360	25.0
Benzene, 1-ethyl-...	15.07	1.8	ug/L	29986	3	13.57	412360	25.0