

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016611.D
 Acq On : 22 Sep 2020 15:30
 Operator : SY/VA
 Sample : L4109-02
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3W6

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\SOM2WLM091520S.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	2.367	70	76	86	rBV	134678	271731	13.15%	1.368%
2	2.904	156	164	178	rBV	98789	265800	12.86%	1.338%
3	3.398	241	245	253	rVB6	500	1148	0.06%	0.006%
4	3.696	292	294	297	rVV2	640	784	0.04%	0.004%
5	4.032	336	349	362	rBV	262634	791638	38.30%	3.984%
6	4.410	401	411	419	rBV3	2449	9214	0.45%	0.046%
7	4.928	483	496	519	rVV4	72437	331697	16.05%	1.669%
8	5.165	532	535	536	rVV2	484	636	0.03%	0.003%
9	5.452	568	582	602	rBV3	45529	168603	8.16%	0.849%
10	5.952	651	664	682	rBV	106640	317629	15.37%	1.599%
11	6.098	684	688	689	rBV3	713	1016	0.05%	0.005%
12	6.226	702	709	715	rBV4	2824	7688	0.37%	0.039%
13	6.440	739	744	751	rVB4	1490	3495	0.17%	0.018%
14	6.519	754	757	760	rBV3	487	651	0.03%	0.003%
15	6.574	760	766	771	rBV6	785	1310	0.06%	0.007%
16	6.732	781	792	802	rBV6	5612	18627	0.90%	0.094%
17	6.891	807	818	819	rBV3	8163	16143	0.78%	0.081%
18	6.988	826	834	843	rBV2	47089	129873	6.28%	0.654%
19	7.086	843	850	856	rBV	39733	106205	5.14%	0.535%
20	7.244	873	876	878	rVB4	692	759	0.04%	0.004%
21	7.269	878	880	883	rBV2	583	652	0.03%	0.003%
22	7.653	933	943	958	rVV	370222	906624	43.86%	4.563%
23	7.885	973	981	987	rVV3	8278	20823	1.01%	0.105%
24	7.964	988	994	1002	rVB4	6517	16469	0.80%	0.083%
25	8.281	1033	1046	1062	rBV2	719271	2067158	100.00%	10.404%
26	8.512	1079	1084	1085	rBV4	832	1190	0.06%	0.006%
27	8.628	1099	1103	1105	rBV	802	880	0.04%	0.004%
28	8.708	1112	1116	1119	rVB3	817	1212	0.06%	0.006%
29	8.848	1131	1139	1153	rBV	774596	1519349	73.50%	7.647%
30	9.043	1163	1171	1174	rBV2	3222	6182	0.30%	0.031%
31	9.281	1200	1210	1220	rBV	457571	928044	44.89%	4.671%
32	9.421	1230	1233	1236	rBV2	527	802	0.04%	0.004%
33	9.671	1269	1274	1281	rBV5	2013	3918	0.19%	0.020%
34	9.762	1281	1289	1302	rVB	8071	16621	0.80%	0.084%

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Integration Parameters: LSCINT.P

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35	10.037	1326	1334	1344	rBV	267945	487466	23.58%	2.453%
36	10.122	1346	1348	1349	rBV2	870	723	0.03%	0.004%
37	10.213	1359	1363	1371	rVB6	2101	4027	0.19%	0.020%
38	10.329	1373	1382	1388	rBV	1075413	1912944	92.54%	9.628%
39	10.390	1388	1392	1404	rVB	205526	357366	17.29%	1.799%
40	10.579	1416	1423	1438	rBV	161006	287084	13.89%	1.445%
41	10.707	1438	1444	1450	rBV	23768	40752	1.97%	0.205%
42	10.866	1464	1470	1473	rVV4	1439	2738	0.13%	0.014%
43	10.927	1473	1480	1495	rVV	175018	296480	14.34%	1.492%
44	11.067	1497	1503	1512	rVV	22428	38672	1.87%	0.195%
45	11.189	1519	1523	1528	rVB4	843	1401	0.07%	0.007%
46	11.341	1546	1548	1554	rVB4	799	1312	0.06%	0.007%
47	11.408	1554	1559	1560	rVV2	599	919	0.04%	0.005%
48	11.445	1562	1565	1569	rVB3	1667	2506	0.12%	0.013%
49	11.634	1588	1596	1606	rVV	1049560	1755821	84.94%	8.837%
50	11.731	1607	1612	1621	rVB	17194	29332	1.42%	0.148%
51	11.835	1621	1629	1639	rVB	77281	141316	6.84%	0.711%
52	11.939	1644	1646	1650	rVB3	611	669	0.03%	0.003%
53	12.170	1677	1684	1690	rVB	30750	51642	2.50%	0.260%
54	12.256	1694	1698	1701	rVB4	627	828	0.04%	0.004%
55	12.341	1705	1712	1717	rBV6	2134	4256	0.21%	0.021%
56	12.463	1725	1732	1739	rBV	10633	17878	0.86%	0.090%
57	12.609	1750	1756	1763	rVB	34040	55703	2.69%	0.280%
58	12.695	1763	1770	1778	rBV	320734	525355	25.41%	2.644%
59	12.804	1783	1788	1793	rBV	29664	46480	2.25%	0.234%
60	12.871	1793	1799	1802	rBV	188394	309211	14.96%	1.556%
61	12.945	1807	1811	1819	rVB	164377	249540	12.07%	1.256%
62	13.036	1819	1826	1832	rBV	189718	279886	13.54%	1.409%
63	13.103	1832	1837	1844	rVB	85972	138737	6.71%	0.698%
64	13.249	1853	1861	1874	rBV	421983	680570	32.92%	3.425%
65	13.396	1878	1885	1890	rBV6	4114	9427	0.46%	0.047%
66	13.475	1890	1898	1901	rBV7	6903	15304	0.74%	0.077%
67	13.560	1905	1912	1923	rBV	1081340	1862439	90.10%	9.374%
68	13.652	1923	1927	1933	rVB2	7171	11451	0.55%	0.058%
69	13.719	1934	1938	1940	rBV2	4697	6157	0.30%	0.031%
70	13.762	1940	1945	1948	rBV2	25815	45391	2.20%	0.228%
71	13.853	1954	1960	1972	rVB	932178	1548931	74.93%	7.796%

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72	13.950	1972	1976	1981	rVB3	5450	7850	0.38%	0.040%
73	14.011	1981	1986	1989	rBV	17897	31374	1.52%	0.158%
74	14.048	1989	1992	1993	rVV	18516	25518	1.23%	0.128%
75	14.072	1993	1996	2006	rVB3	40535	91580	4.43%	0.461%
76	14.207	2013	2018	2023	rBV2	5599	8966	0.43%	0.045%
77	14.335	2032	2039	2046	rBV3	15512	28069	1.36%	0.141%
78	14.420	2047	2053	2056	rVV	42042	65531	3.17%	0.330%
79	14.457	2056	2059	2064	rVV	41198	62905	3.04%	0.317%
80	14.499	2064	2066	2070	rVV5	2586	4591	0.22%	0.023%
81	14.536	2070	2072	2081	rVB6	2685	4190	0.20%	0.021%
82	14.633	2086	2088	2092	rVV4	1123	1312	0.06%	0.007%
83	14.694	2092	2098	2101	rVV3	5938	10125	0.49%	0.051%
84	14.731	2101	2104	2109	rVB5	4079	5764	0.28%	0.029%
85	14.804	2109	2116	2123	rBV4	15568	38571	1.87%	0.194%
86	14.865	2123	2126	2131	rVB4	1649	2495	0.12%	0.013%
87	14.963	2139	2142	2144	rVB5	1242	1368	0.07%	0.007%
88	14.981	2144	2145	2149	rBV4	961	1050	0.05%	0.005%
89	15.066	2151	2159	2166	rBV4	8648	20212	0.98%	0.102%
90	15.133	2166	2170	2174	rVV4	2910	5984	0.29%	0.030%
91	15.176	2174	2177	2183	rVB5	4686	7530	0.36%	0.038%
92	15.371	2201	2209	2215	rBV	120315	221149	10.70%	1.113%
93	15.438	2215	2220	2225	rVV	24358	43900	2.12%	0.221%
94	15.499	2226	2230	2236	rVV	5050	9825	0.48%	0.049%
95	15.554	2236	2239	2245	rVV5	2810	4754	0.23%	0.024%
96	15.603	2245	2247	2250	rVB3	868	675	0.03%	0.003%
97	15.761	2271	2273	2277	rBV3	2142	3716	0.18%	0.019%
98	15.950	2301	2304	2310	rBV5	1459	2605	0.13%	0.013%
99	16.084	2324	2326	2329	rBV3	1183	1250	0.06%	0.006%
100	16.499	2392	2394	2395	rBV2	816	606	0.03%	0.003%

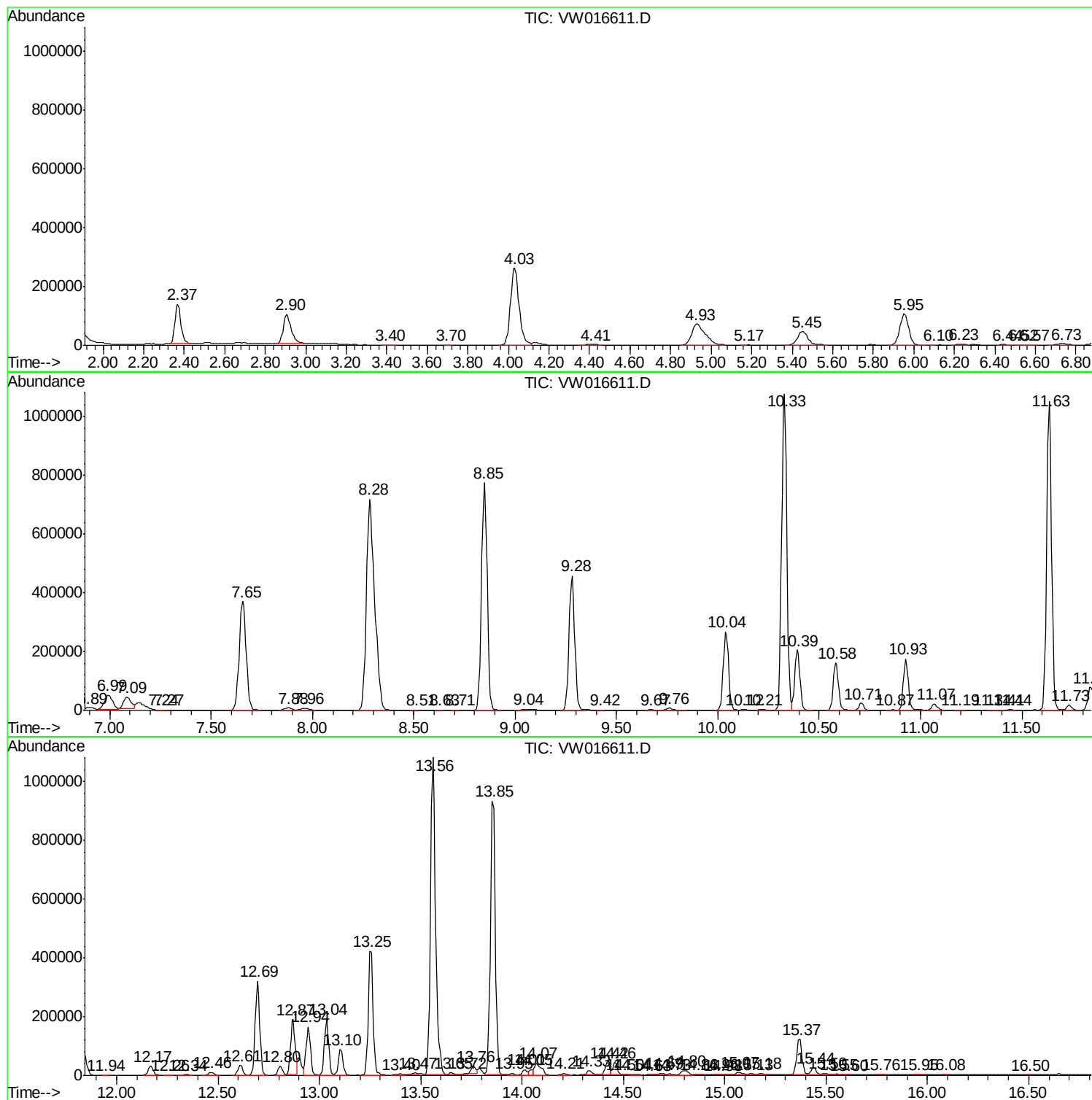
Sum of corrected areas: 19868750

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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



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Instrument :
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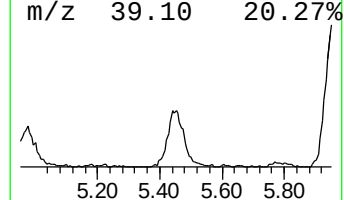
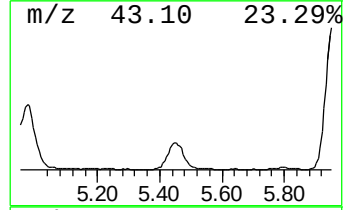
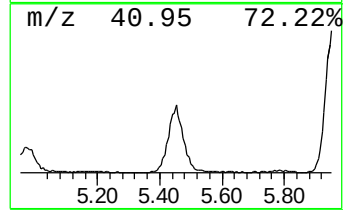
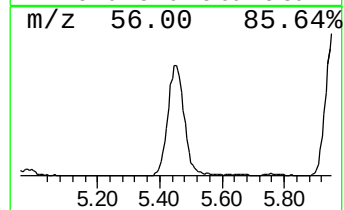
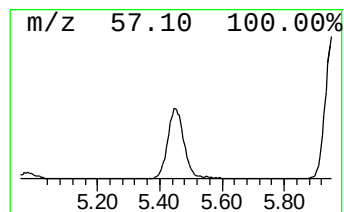
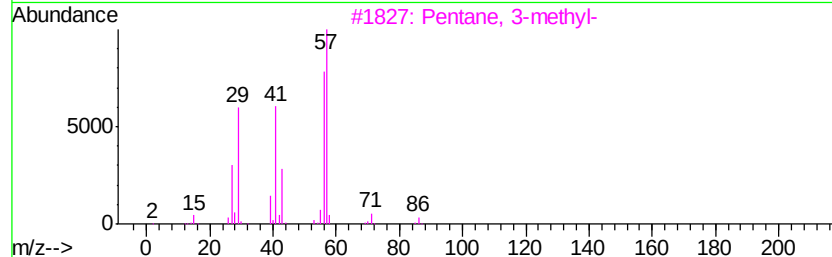
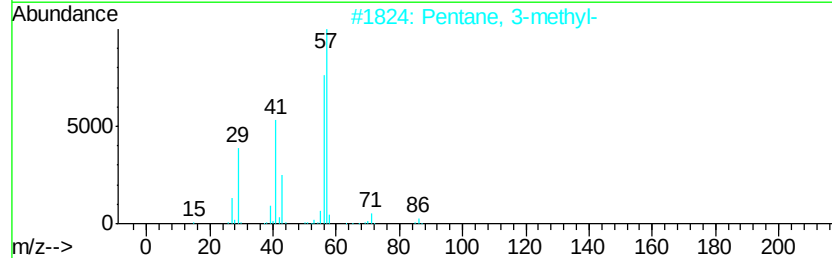
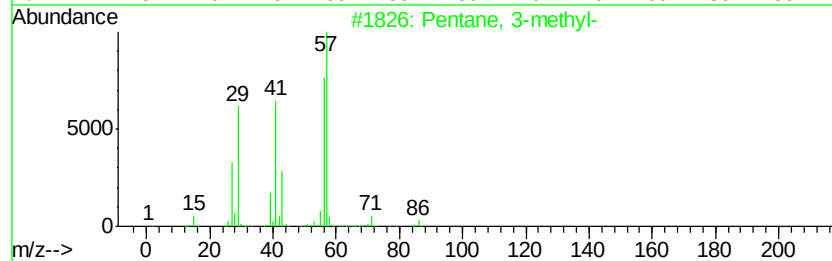
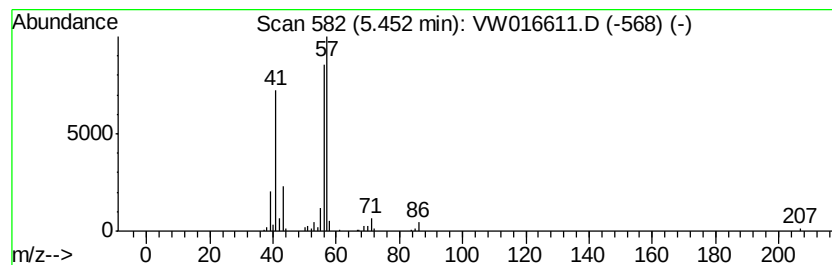
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	2.77 ug/L	168603	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	72
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64



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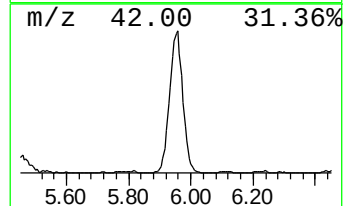
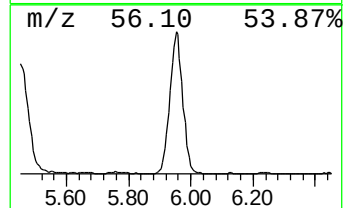
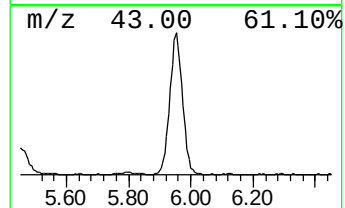
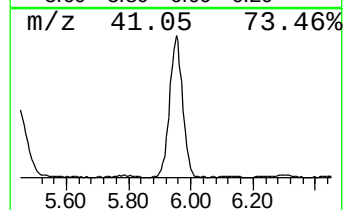
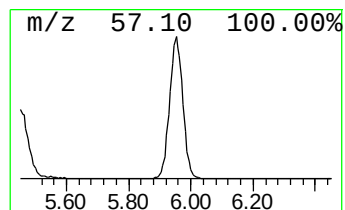
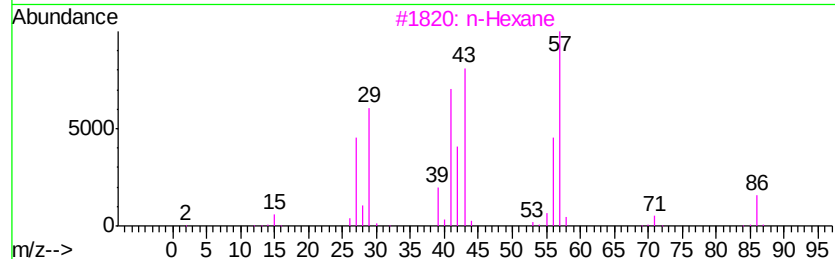
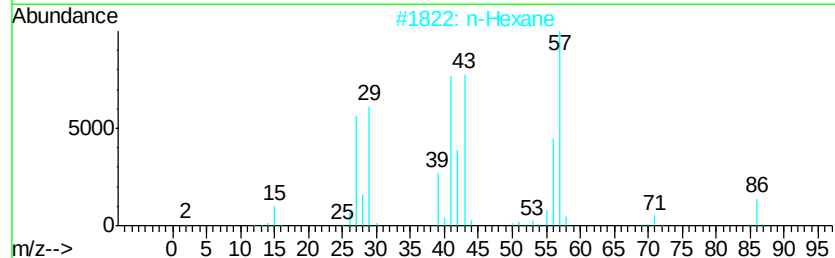
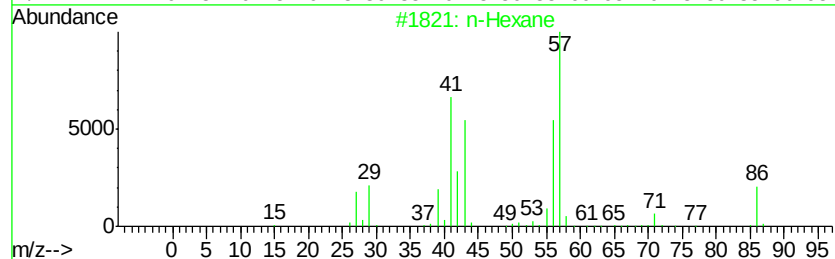
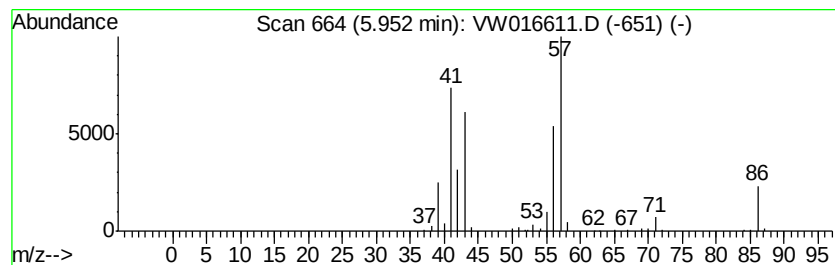
Instrument :
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Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.95	5.23 ug/L	317629	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	72
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43



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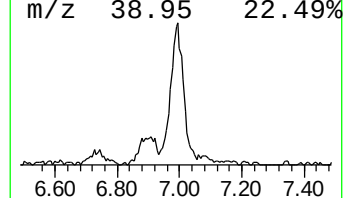
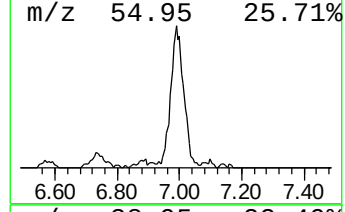
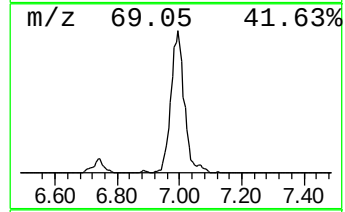
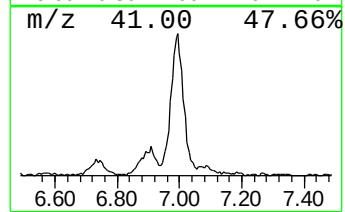
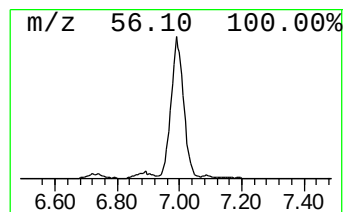
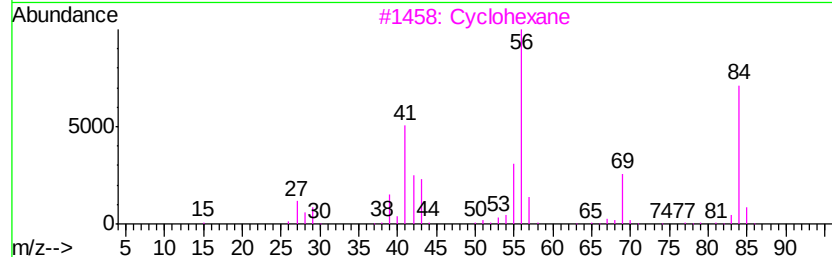
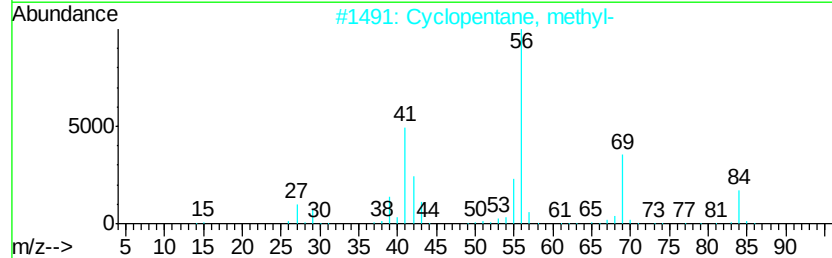
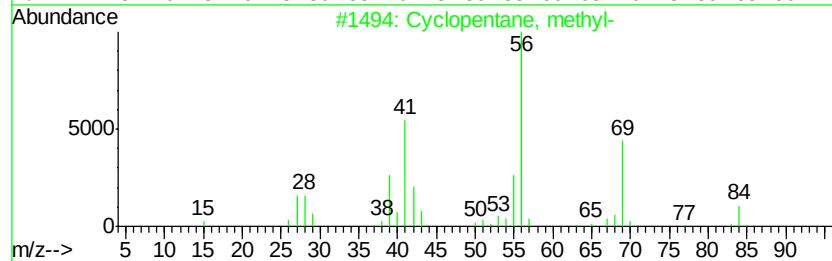
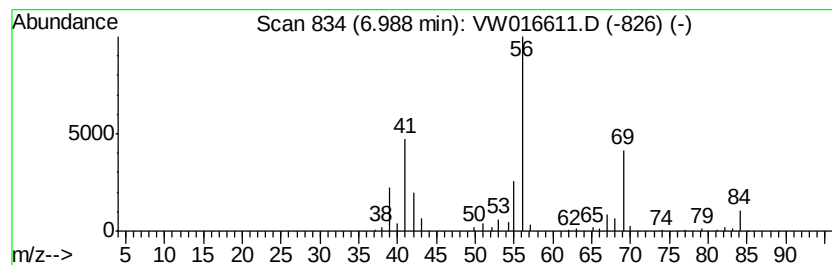
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic6.99 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	2.14 ug/L	129873	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	83
3		Cyclohexane	84	C6H12	000110-82-7	78
4		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016611.D
Acq On : 22 Sep 2020 15:30
Operator : SY/VA
Sample : L4109-02
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W6

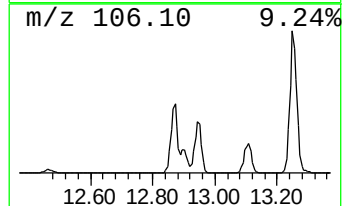
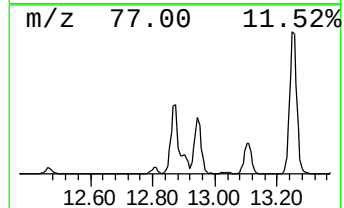
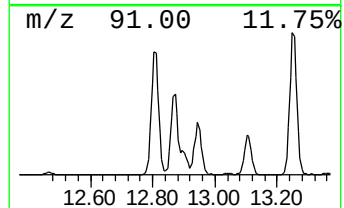
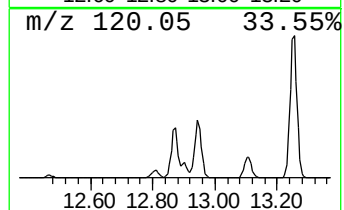
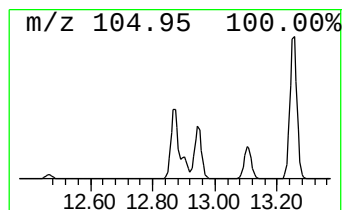
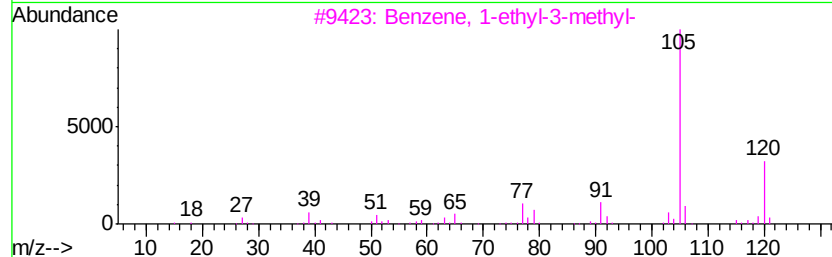
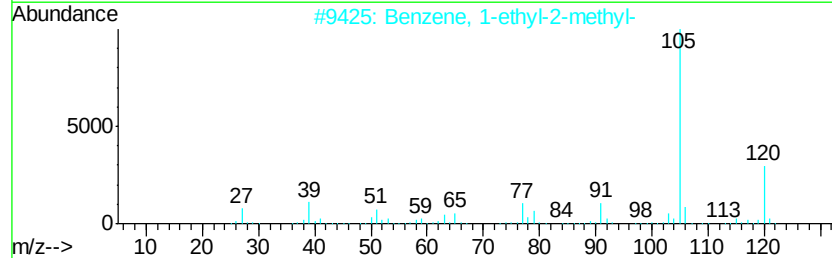
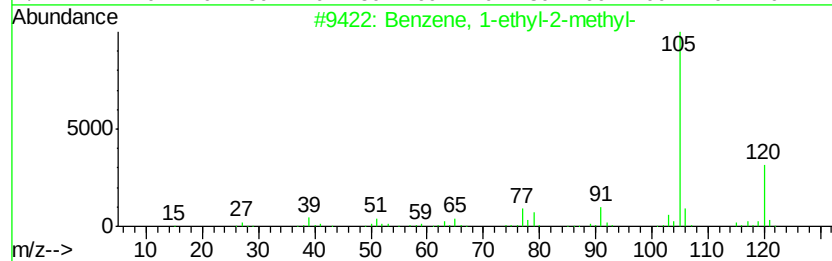
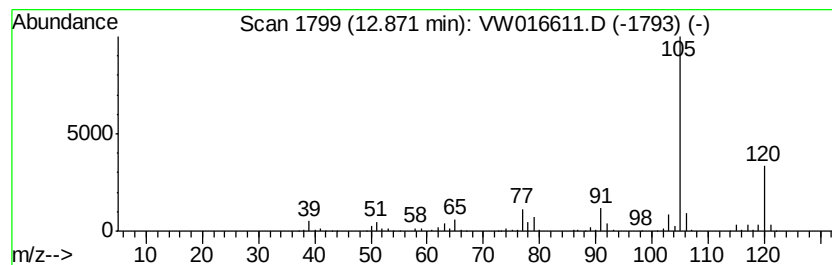
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Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.15 ug/L	309211	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016611.D
Acq On : 22 Sep 2020 15:30
Operator : SY/VA
Sample : L4109-02
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

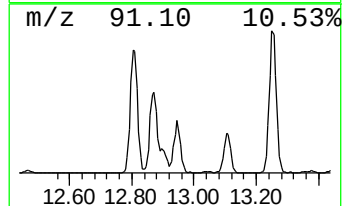
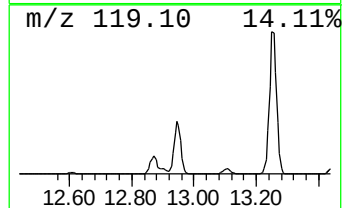
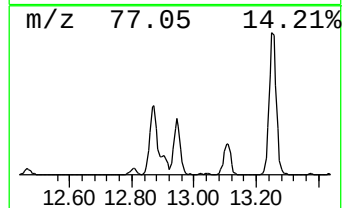
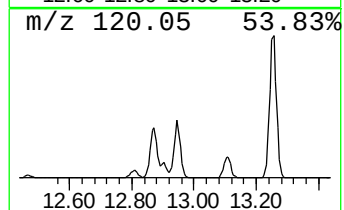
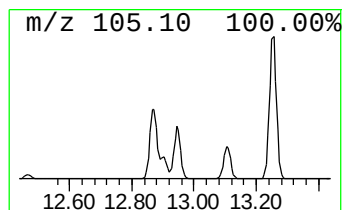
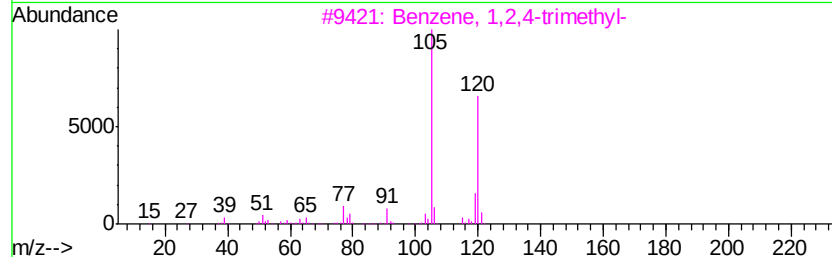
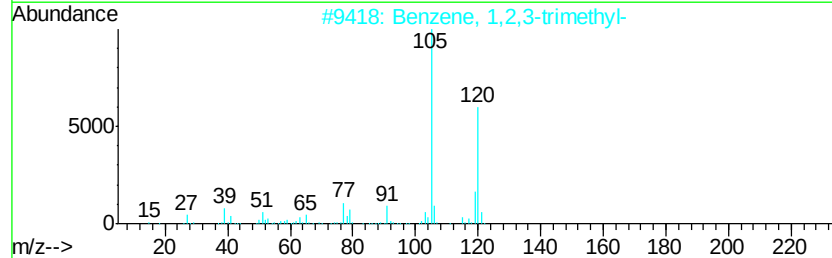
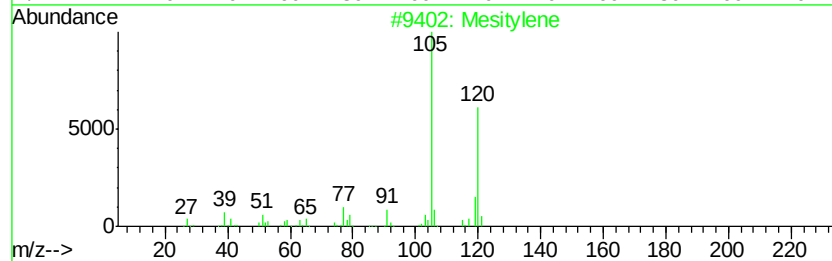
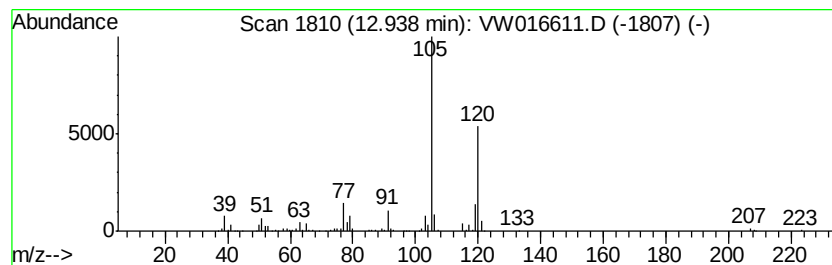
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 6 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.35 ug/L	249540	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Mesitylene	120 C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	94
4	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	94
5	Mesitylene	120 C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016611.D
Acq On : 22 Sep 2020 15:30
Operator : SY/VA
Sample : L4109-02
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

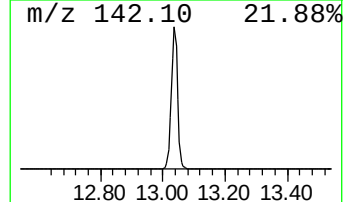
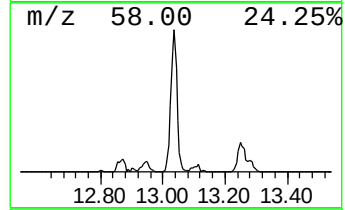
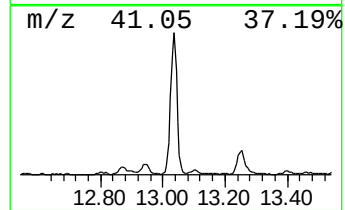
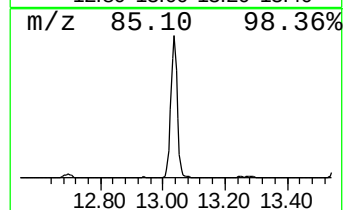
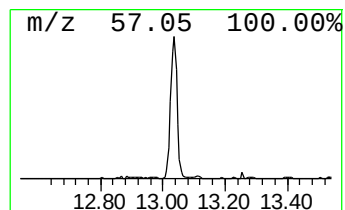
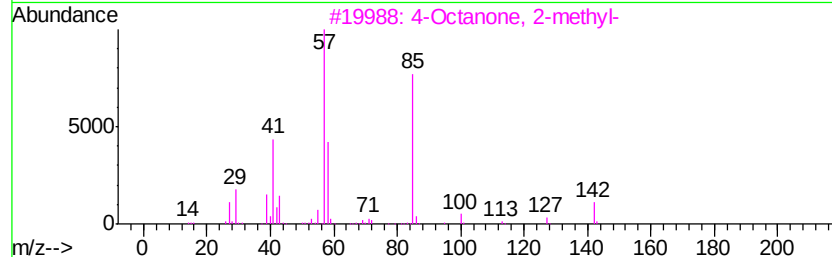
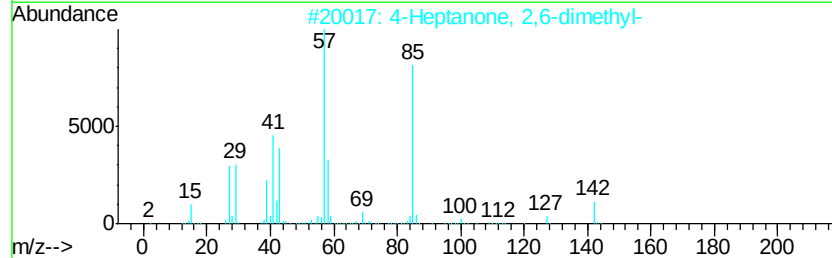
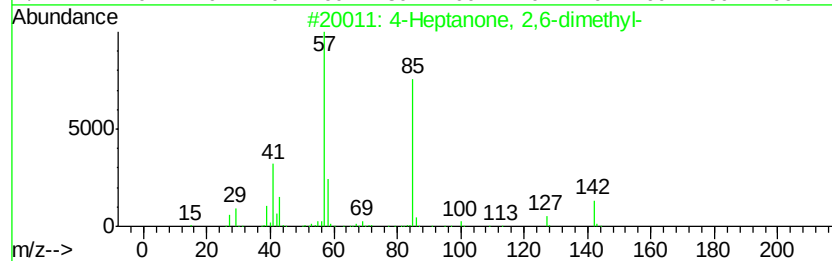
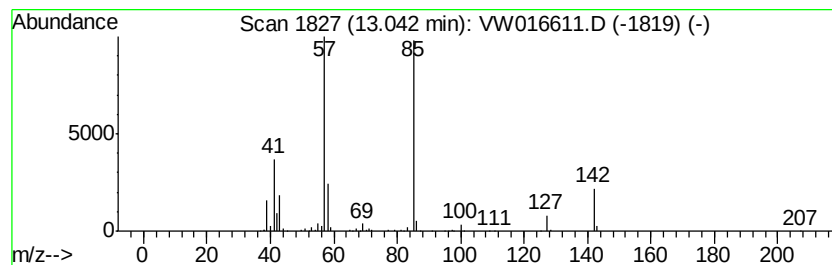
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 7 4-Heptanone, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.04	3.76 ug/L	279886	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	64
3	4-Octanone, 2-methyl-	142	C9H18O	007492-38-8	56
4	3-Buten-2-ol, 2,3-dimethyl-	100	C6H12O	010473-13-9	53
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016611.D
Acq On : 22 Sep 2020 15:30
Operator : SY/VA
Sample : L4109-02
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W6

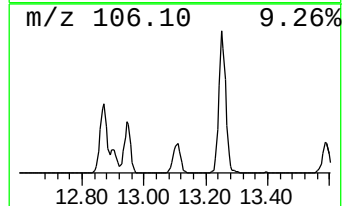
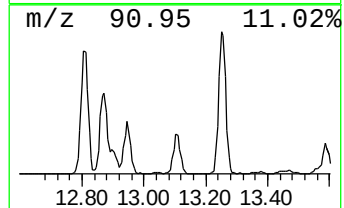
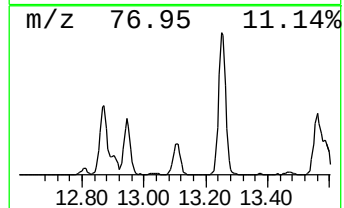
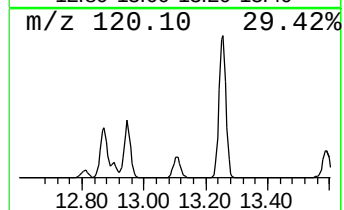
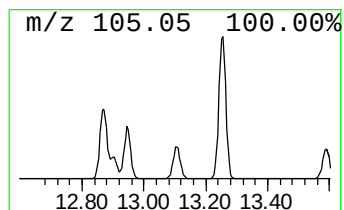
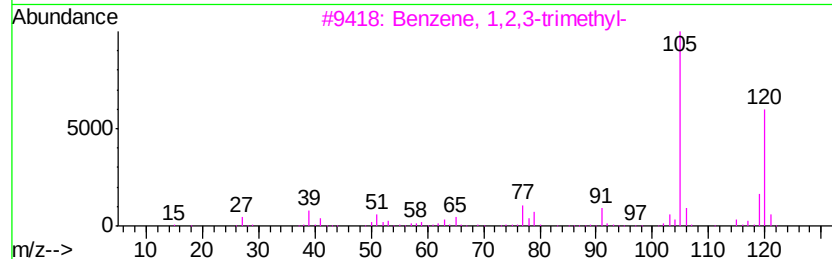
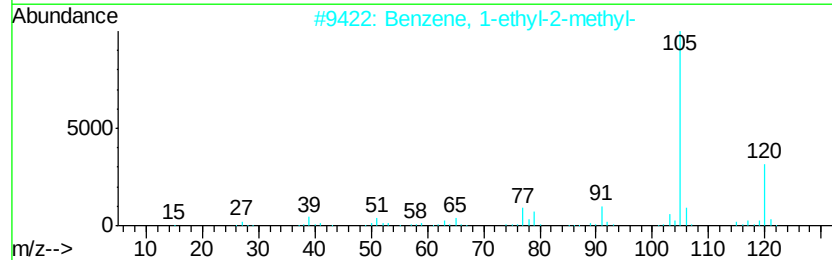
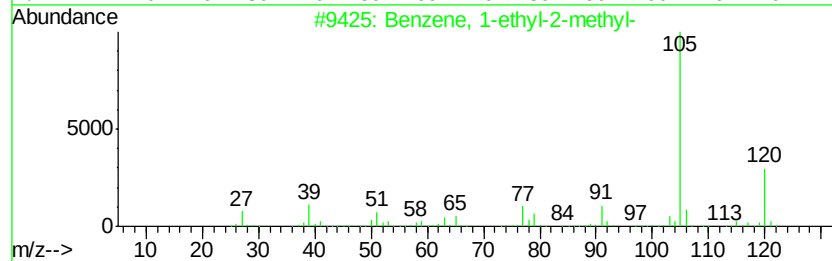
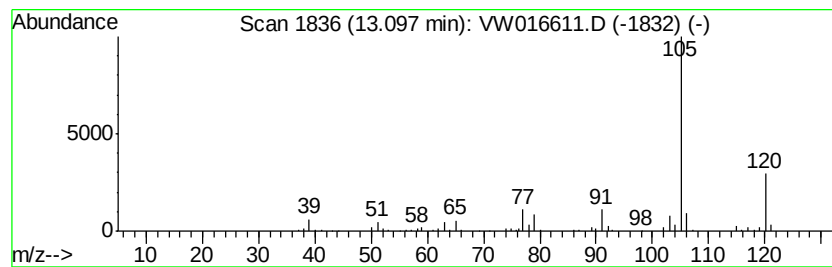
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	1.86 ug/L	138737	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092320\
Data File : VW016611.D
Acq On : 22 Sep 2020 15:30
Operator : SY/VA
Sample : L4109-02
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

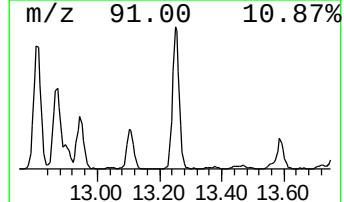
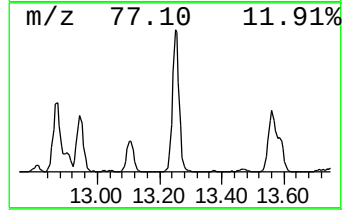
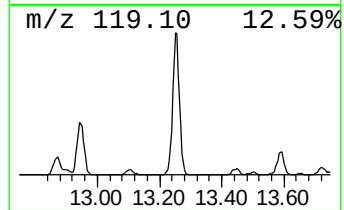
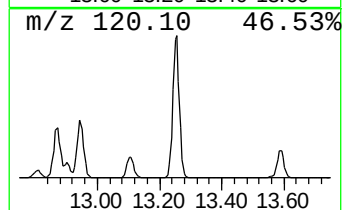
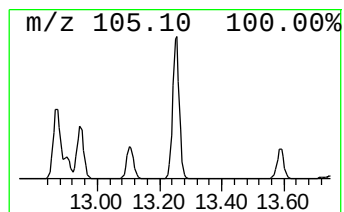
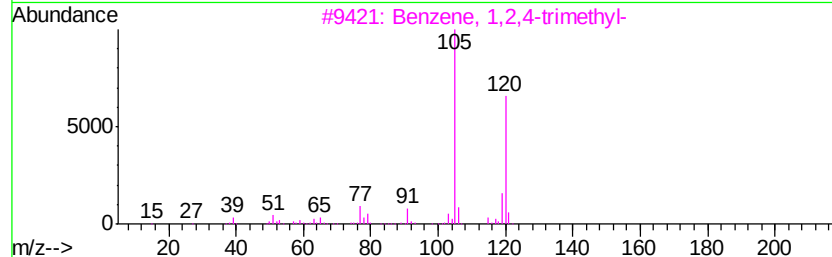
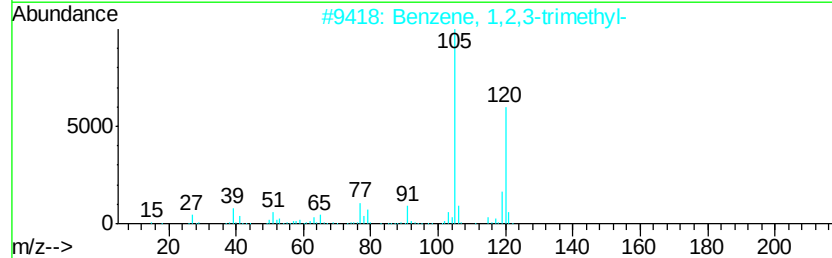
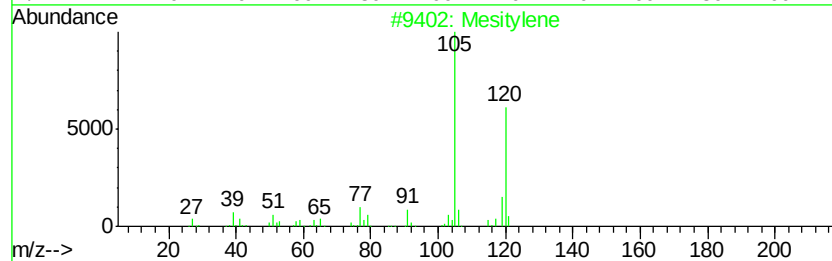
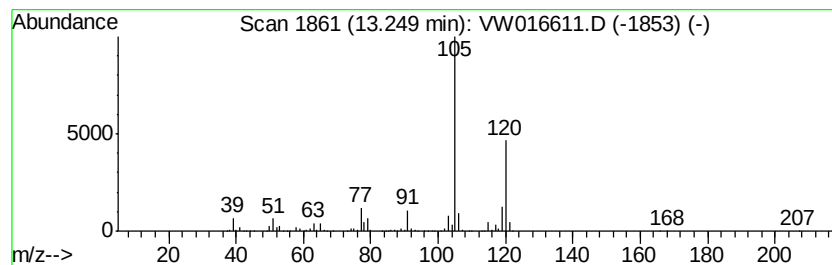
Instrument :
MSVOA_W
ClientSampleId :
BG3W6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	9.14 ug/L	680570	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Mesitylene	120 C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	95
4	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	95
5	Mesitylene	120 C9H12	000108-67-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092320\
Data File : VW016611.D
Acq On : 22 Sep 2020 15:30
Operator : SY/VA
Sample : L4109-02
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3W6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.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...	5.45	2.8	ug/L	168603	1	8.85	1519350	25.0
(DEL) Alkane: Str...	5.95	5.2	ug/L	317629	1	8.85	1519350	25.0
(DEL) Alkane: Cyc...	6.99	2.1	ug/L	129873	1	8.85	1519350	25.0
Benzene, 1-ethyl-...	12.87	4.2	ug/L	309211	3	13.56	1862440	25.0
Mesitylene	12.94	3.4	ug/L	249540	3	13.56	1862440	25.0
4-Heptanone, 2,6-...	13.04	3.8	ug/L	279886	3	13.56	1862440	25.0
Benzene, 1-ethyl-...	13.10	1.9	ug/L	138737	3	13.56	1862440	25.0
Benzene, 1,2,3-tr...	13.25	9.1	ug/L	680570	3	13.56	1862440	25.0