

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015768.D
 Acq On : 29 Jun 2020 17:57
 Operator : SY/VA
 Sample : L3131-07
 Misc : 5.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2M1

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\SOM2WLM062920S.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	1.995	10	15	34	rVB	17574	40811	3.25%	0.318%
2	2.160	38	42	43	rBV4	721	1026	0.08%	0.008%
3	2.355	67	74	87	rVB	113526	208805	16.65%	1.628%
4	2.501	93	98	104	rBV	8292	16666	1.33%	0.130%
5	2.891	155	162	181	rVB	74355	192486	15.35%	1.501%
6	4.013	334	346	360	rBV	158523	483078	38.52%	3.767%
7	4.135	360	366	383	rVB	19967	60041	4.79%	0.468%
8	4.379	391	406	421	rBV	122956	372331	29.69%	2.903%
9	4.909	483	493	508	rVV2	14633	50033	3.99%	0.390%
10	5.117	521	527	530	rBV2	375	853	0.07%	0.007%
11	5.787	625	637	652	rBV2	8834	29586	2.36%	0.231%
12	5.927	652	660	661	rBV3	1701	2506	0.20%	0.020%
13	6.903	812	820	829	rBV6	2916	9456	0.75%	0.074%
14	7.086	841	850	856	rBV	23791	67552	5.39%	0.527%
15	7.159	856	862	879	rVB2	32277	105735	8.43%	0.825%
16	7.580	923	931	932	rVV4	548	1316	0.10%	0.010%
17	7.647	932	942	959	rVB	216918	525642	41.91%	4.099%
18	7.951	989	992	995	rBV4	598	844	0.07%	0.007%
19	8.275	1033	1045	1062	rBV2	429448	1254194	100.00%	9.780%
20	8.561	1088	1092	1099	rVB3	876	1645	0.13%	0.013%
21	8.701	1109	1115	1117	rBV3	1254	2516	0.20%	0.020%
22	8.842	1129	1138	1150	rBV	462766	909214	72.49%	7.090%
23	9.055	1168	1173	1175	rBV3	1115	1960	0.16%	0.015%
24	9.274	1200	1209	1225	rBV	278774	568002	45.29%	4.429%
25	9.415	1225	1232	1243	rVB2	5229	11005	0.88%	0.086%
26	9.756	1282	1288	1293	rBV4	1108	2210	0.18%	0.017%
27	10.036	1327	1334	1349	rVV	148513	266834	21.28%	2.081%
28	10.207	1358	1362	1367	rBV3	1036	1790	0.14%	0.014%
29	10.323	1372	1381	1390	rBV	624296	1096820	87.45%	8.553%
30	10.512	1404	1412	1417	rBV6	7033	17374	1.39%	0.135%
31	10.579	1417	1423	1433	rVV	91090	162771	12.98%	1.269%
32	10.707	1433	1444	1450	rVV	121358	224335	17.89%	1.749%
33	10.762	1450	1453	1458	rVB5	1814	3405	0.27%	0.027%
34	10.829	1458	1464	1471	rVB6	2203	5161	0.41%	0.040%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Title : VOC Analysis

35	10.927	1473	1480	1492	rBV	91500	155706	12.41%	1.214%
36	11.067	1497	1503	1512	rBV2	28232	53168	4.24%	0.415%
37	11.140	1512	1515	1516	rBV3	1181	1071	0.09%	0.008%
38	11.183	1517	1522	1526	rVB4	5782	9644	0.77%	0.075%
39	11.237	1526	1531	1536	rVB5	1741	2972	0.24%	0.023%
40	11.335	1544	1547	1552	rVB4	805	1203	0.10%	0.009%
41	11.439	1554	1564	1572	rVB	47098	81070	6.46%	0.632%
42	11.634	1588	1596	1604	rBV	635568	1058975	84.43%	8.258%
43	11.731	1604	1612	1621	rVB	90398	155257	12.38%	1.211%
44	11.841	1624	1630	1634	rBV	11679	24480	1.95%	0.191%
45	11.981	1648	1653	1655	rVB4	780	1070	0.09%	0.008%
46	12.036	1655	1662	1669	rVB6	2033	5257	0.42%	0.041%
47	12.170	1669	1684	1692	rBV4	9938	29767	2.37%	0.232%
48	12.304	1701	1706	1707	rBV4	2898	4211	0.34%	0.033%
49	12.341	1707	1712	1716	rVV2	14997	23267	1.86%	0.181%
50	12.384	1716	1719	1722	rVV	3723	5200	0.41%	0.041%
51	12.469	1730	1733	1739	rVB4	2465	3857	0.31%	0.030%
52	12.566	1745	1749	1750	rBV3	1319	1819	0.15%	0.014%
53	12.609	1750	1756	1763	rVB	142981	232216	18.52%	1.811%
54	12.694	1763	1770	1777	rBV	170327	274760	21.91%	2.143%
55	12.786	1777	1785	1793	rVB4	7883	18162	1.45%	0.142%
56	12.865	1793	1798	1802	rBV	16733	28509	2.27%	0.222%
57	12.938	1805	1810	1820	rVB4	22539	53688	4.28%	0.419%
58	13.042	1820	1827	1831	rBV5	2504	4785	0.38%	0.037%
59	13.103	1831	1837	1843	rVB	4814	9703	0.77%	0.076%
60	13.182	1844	1850	1857	rBV5	12046	34317	2.74%	0.268%
61	13.249	1857	1861	1865	rVV	57899	94336	7.52%	0.736%
62	13.298	1865	1869	1875	rVB	45994	72099	5.75%	0.562%
63	13.383	1875	1883	1888	rBV3	23994	61456	4.90%	0.479%
64	13.444	1888	1893	1897	rVV	33021	50591	4.03%	0.395%
65	13.499	1897	1902	1906	rVV	95355	140655	11.21%	1.097%
66	13.560	1906	1912	1922	rVV	581268	995900	79.41%	7.766%
67	13.652	1923	1927	1933	rVB	13881	22116	1.76%	0.172%
68	13.719	1933	1938	1939	rBV	26247	31760	2.53%	0.248%
69	13.755	1939	1944	1947	rVV2	158257	277893	22.16%	2.167%
70	13.792	1947	1950	1954	rVV3	113852	212363	16.93%	1.656%
71	13.853	1955	1960	1971	rVB	463637	821665	65.51%	6.407%

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72	13.950	1971	1976	1981	rVB	42334	64412	5.14%	0.502%
73	14.011	1981	1986	1988	rBV	54644	81255	6.48%	0.634%
74	14.042	1988	1991	1994	rVV	64634	105810	8.44%	0.825%
75	14.097	1997	2000	2005	rVB	87180	128961	10.28%	1.006%
76	14.158	2006	2010	2013	rBV2	15494	25434	2.03%	0.198%
77	14.206	2013	2018	2023	rVV2	70833	119561	9.53%	0.932%
78	14.255	2023	2026	2034	rVV4	11137	30366	2.42%	0.237%
79	14.341	2034	2040	2045	rVB2	38387	65505	5.22%	0.511%
80	14.420	2045	2053	2056	rBV3	31819	52950	4.22%	0.413%
81	14.456	2056	2059	2063	rVV	47756	67571	5.39%	0.527%
82	14.505	2063	2067	2070	rVV	11633	15460	1.23%	0.121%
83	14.542	2070	2073	2076	rVB	5966	6822	0.54%	0.053%
84	14.639	2081	2089	2093	rBV2	16723	36792	2.93%	0.287%
85	14.706	2093	2100	2101	rBV3	12242	25668	2.05%	0.200%
86	14.792	2109	2114	2122	rBV3	36132	87803	7.00%	0.685%
87	14.859	2122	2125	2133	rVB3	4189	6437	0.51%	0.050%
88	14.956	2136	2141	2147	rVB	18810	30572	2.44%	0.238%
89	15.029	2150	2153	2154	rBV	1367	1558	0.12%	0.012%
90	15.066	2155	2159	2163	rBV3	5927	10276	0.82%	0.080%
91	15.176	2173	2177	2184	rVB5	7092	15704	1.25%	0.122%
92	15.371	2198	2209	2214	rBV	15713	35755	2.85%	0.279%
93	15.438	2215	2220	2226	rVV2	18809	30986	2.47%	0.242%
94	15.694	2258	2262	2268	rVV4	2043	3116	0.25%	0.024%
95	15.773	2270	2275	2277	rBV5	1709	2582	0.21%	0.020%
96	15.852	2286	2288	2298	rVB6	2172	4356	0.35%	0.034%
97	15.962	2301	2306	2313	rVV8	1220	2757	0.22%	0.021%
98	16.444	2380	2385	2393	rVV3	3539	7234	0.58%	0.056%
99	16.596	2404	2410	2415	rBV4	1676	3886	0.31%	0.030%
100	16.651	2415	2419	2421	rBV4	697	1047	0.08%	0.008%

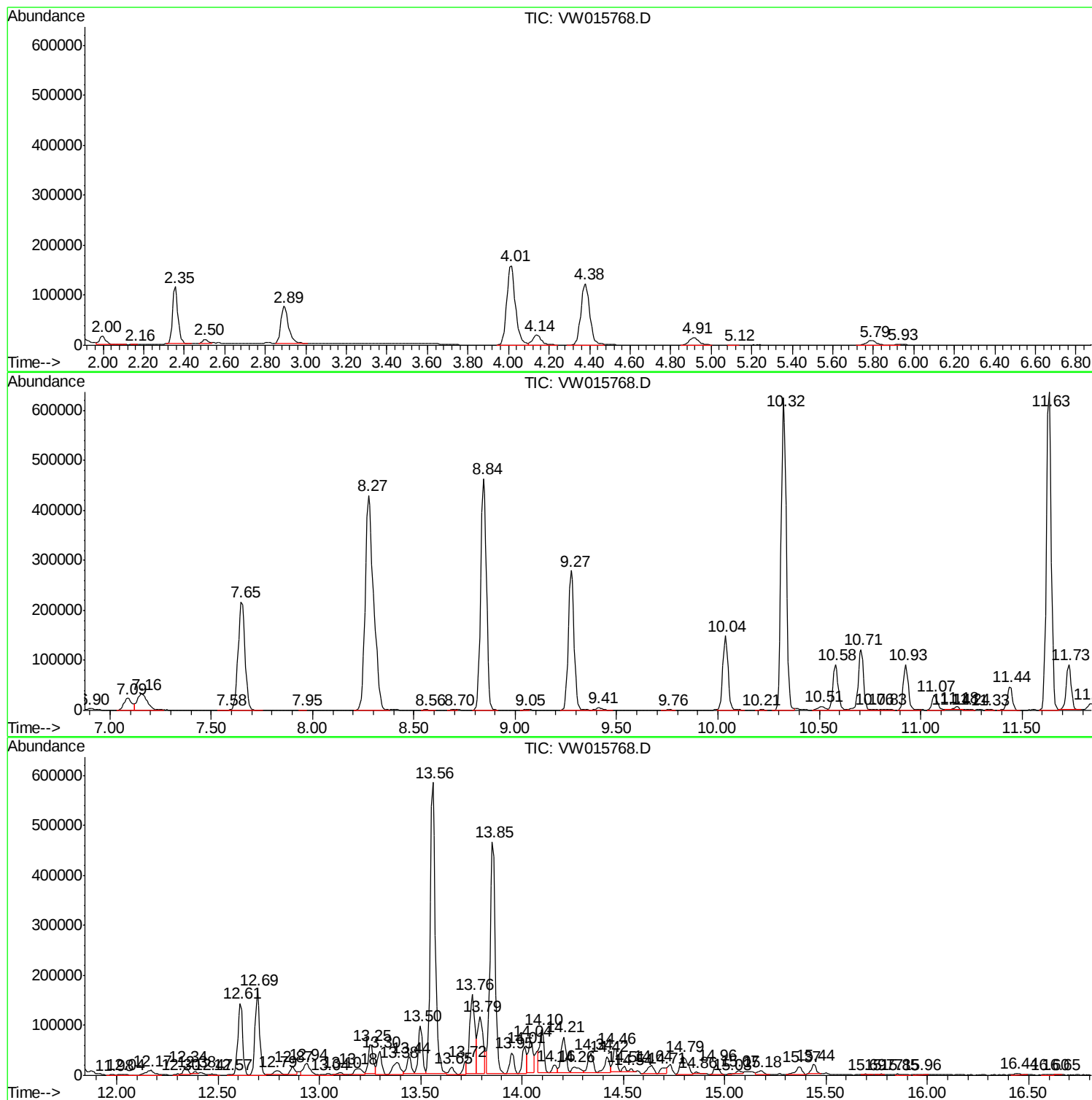
Sum of corrected areas: 12823607

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

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



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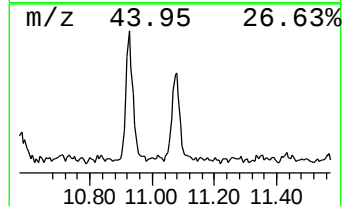
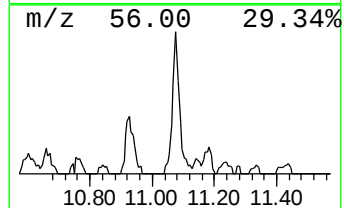
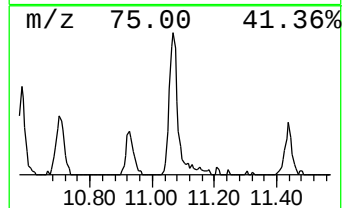
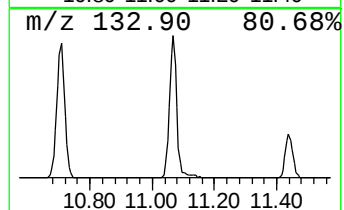
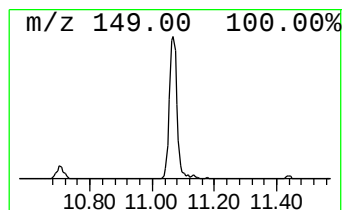
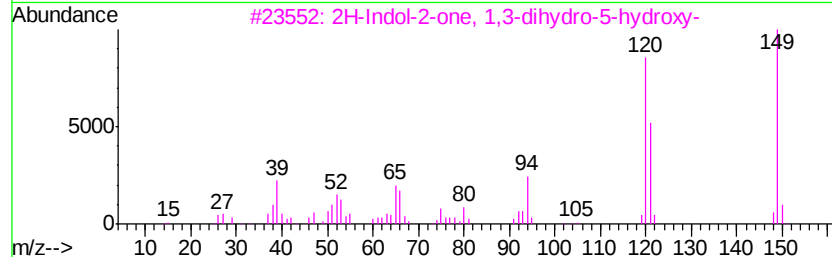
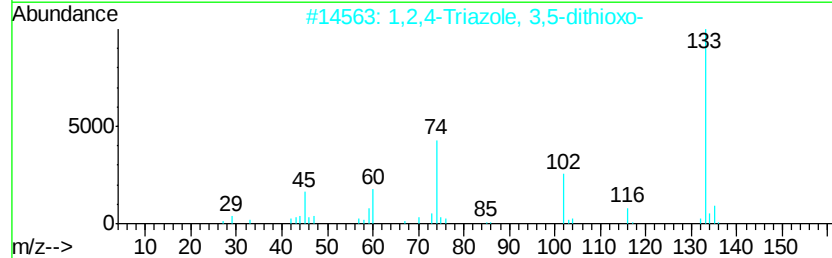
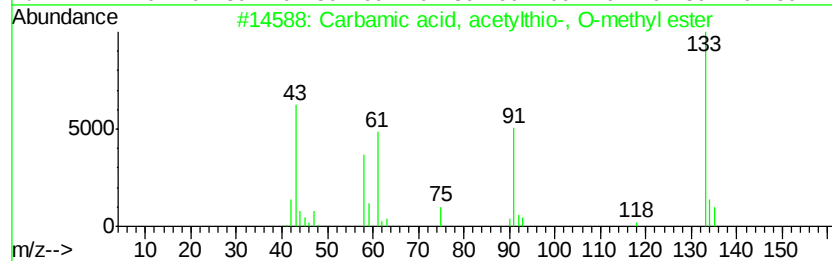
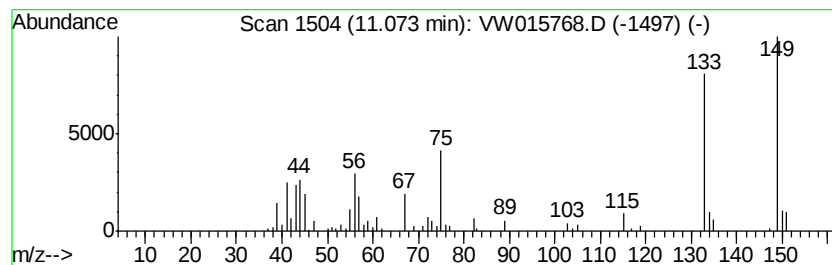
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.26 ug/L	53168	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbamic acid, acetylthio-, O-me...	133	C4H7N02S	016696-87-0	30
2		1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
3		2H-Indol-2-one, 1,3-dihydro-5-hv...	149	C8H7N02	003416-18-0	16
4		Phthalic acid, pent-4-enyl undec...	388	C24H36O4	1000360-47-0	12
5		Silane, 1,3-heptadiynyltrimethyl-	164	C10H16Si	019024-47-6	12



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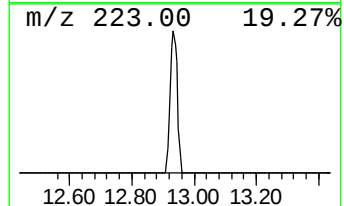
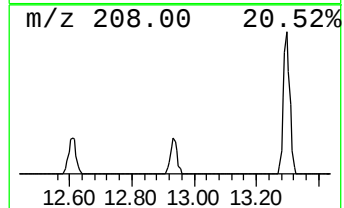
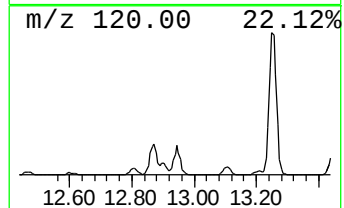
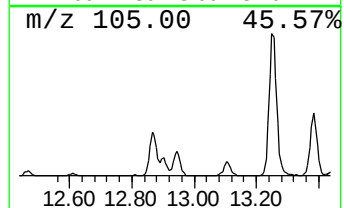
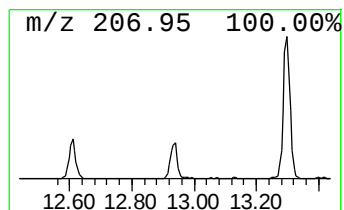
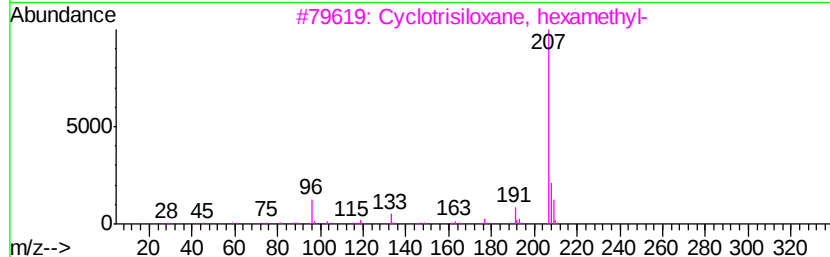
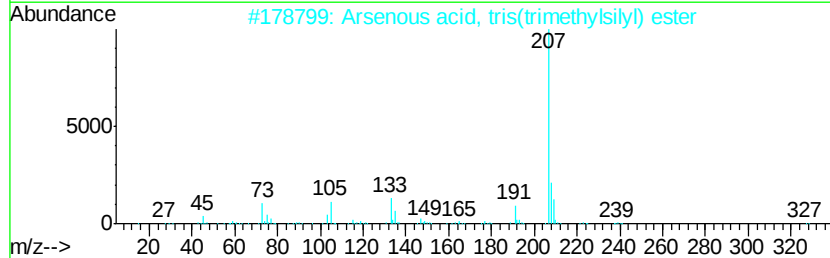
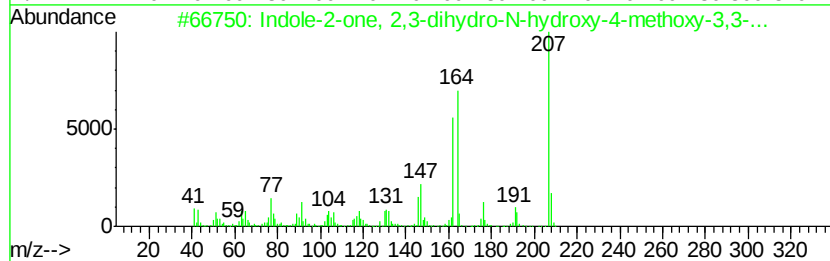
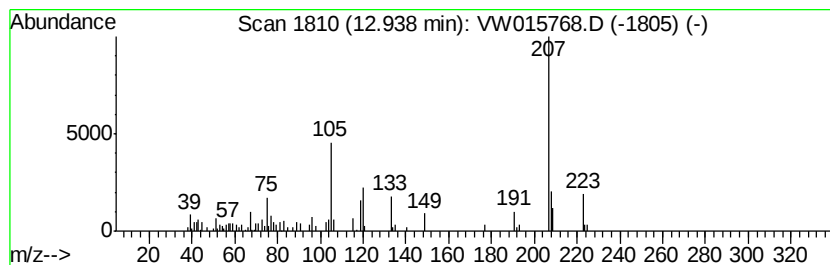
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

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

Peak Number 6 Indole-2-one, 2,3-dihydro-N... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.94	1.35 ug/L	53688	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Indole-2-one, 2,3-dihydro-N-hydr...	207	C11H13N03	1000129-52-1	50
2		Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	42
3		Cvclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	40
4		Cvclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	40
5		2-Ethylacridine	207	C15H13N	055751-83-2	38



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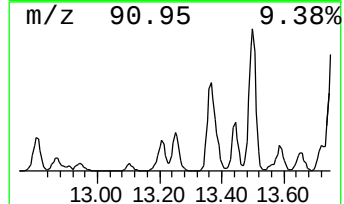
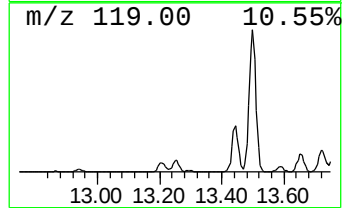
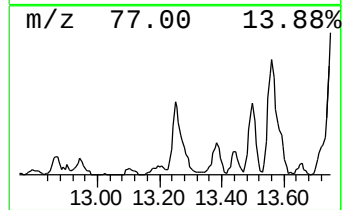
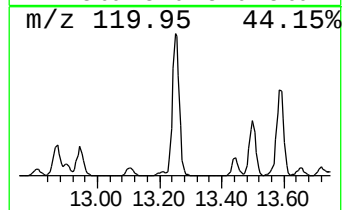
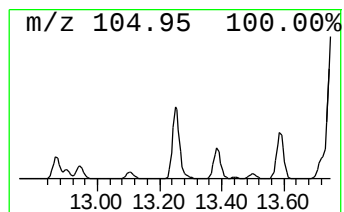
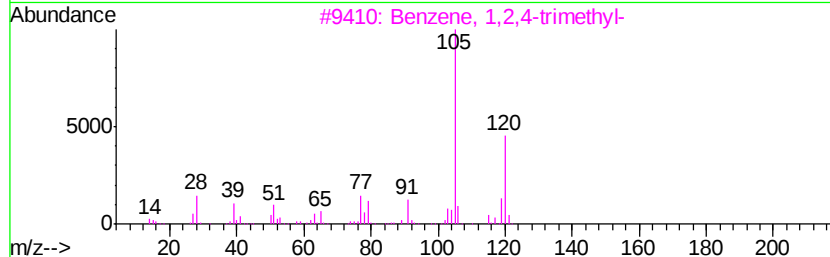
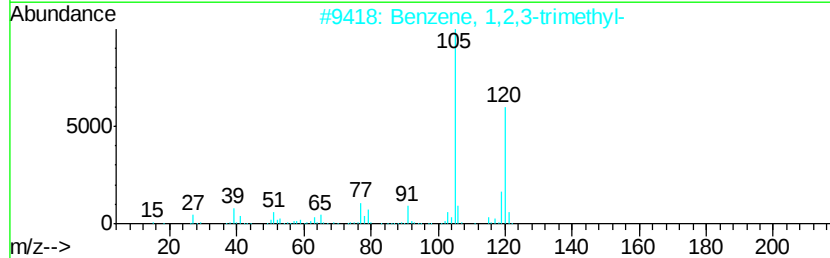
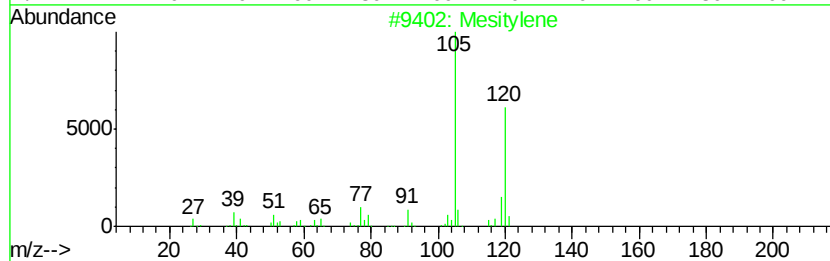
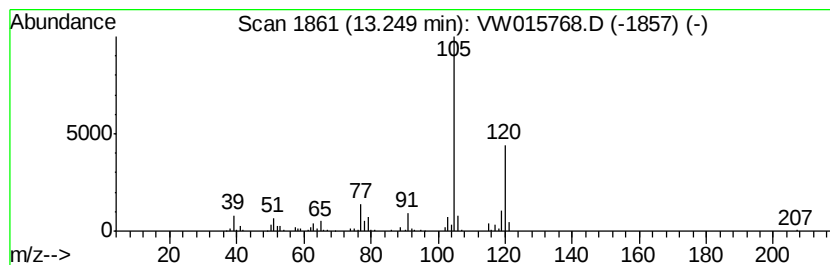
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Quant Title : VOC Analysis

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

Peak Number 7 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.37 ug/L	94336	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	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	Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

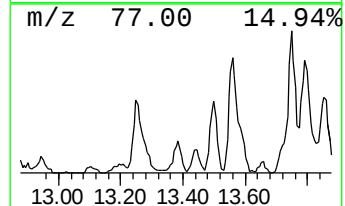
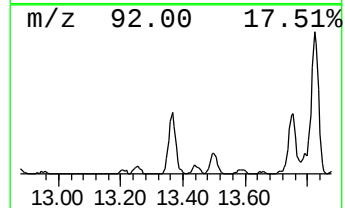
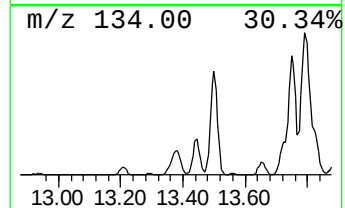
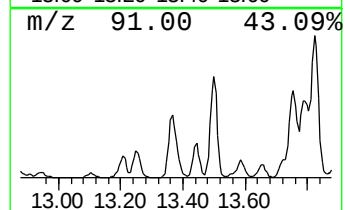
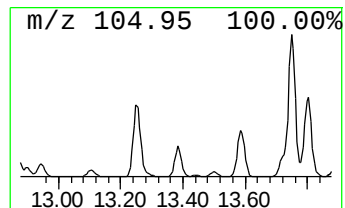
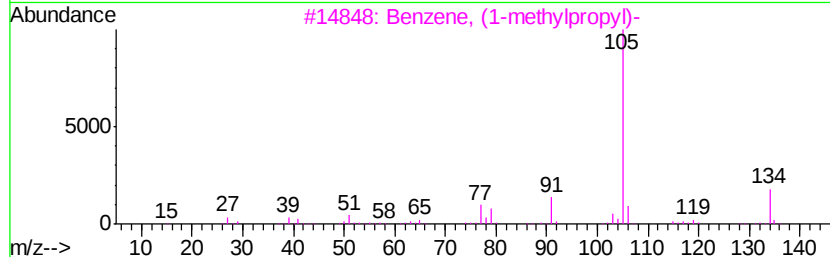
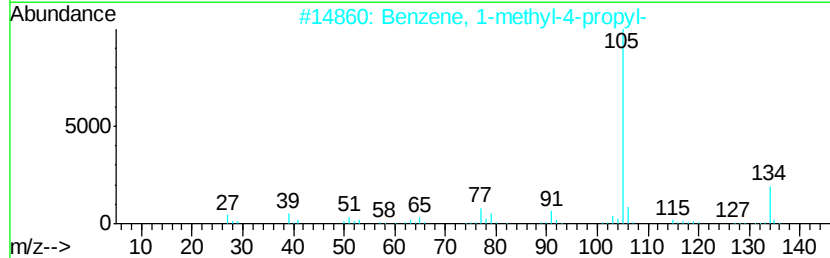
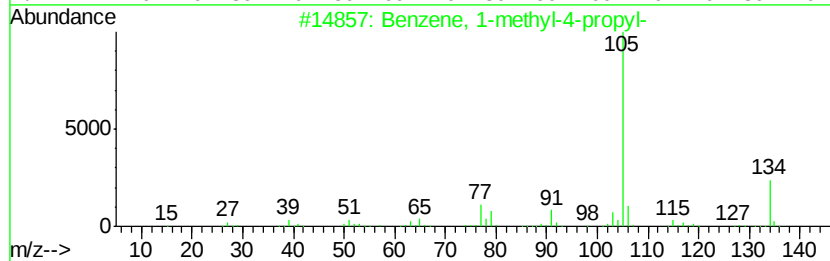
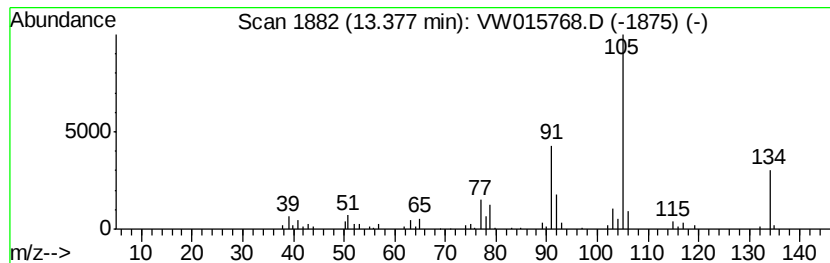
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Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	1.54 ug/L	61456	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

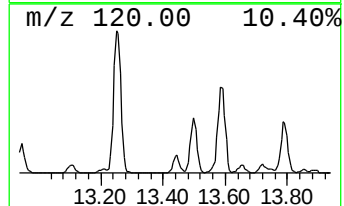
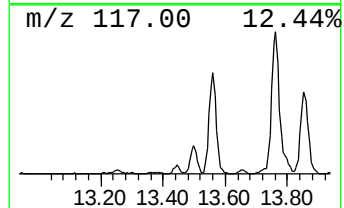
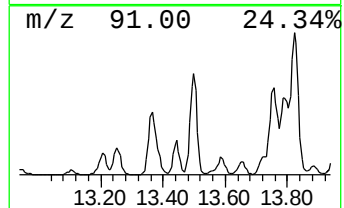
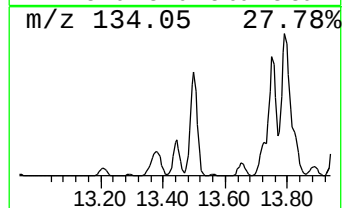
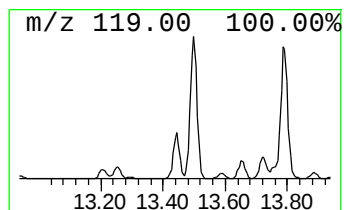
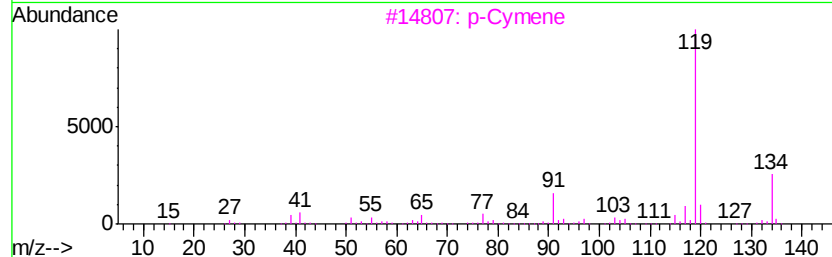
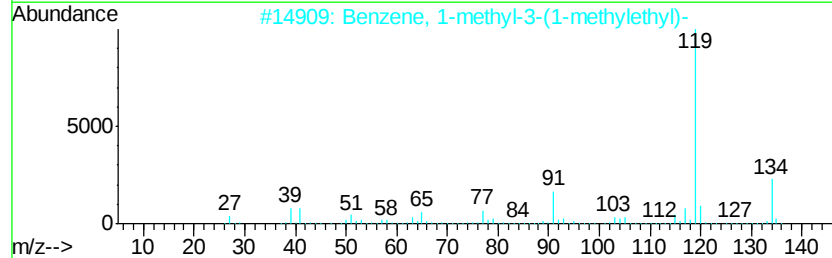
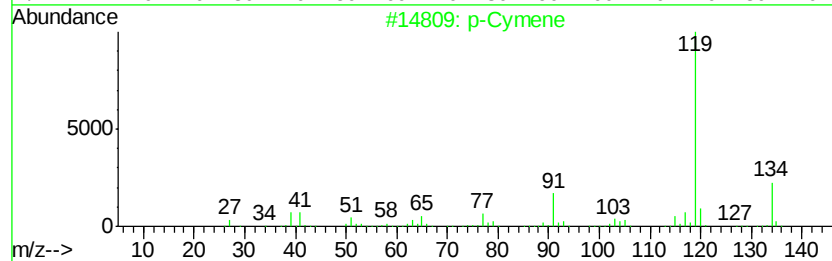
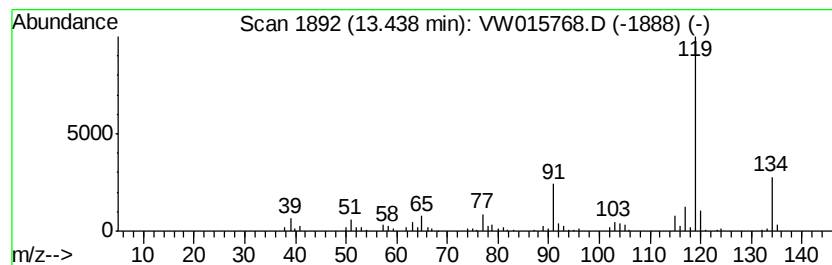
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Quant Title : VOC Analysis

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

Peak Number 10 p-Cymene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	1.27 ug/L	50591	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	94
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3		p-Cymene	134	C10H14	000099-87-6	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		o-Cymene	134	C10H14	000527-84-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

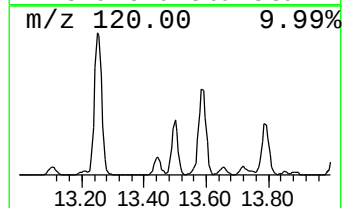
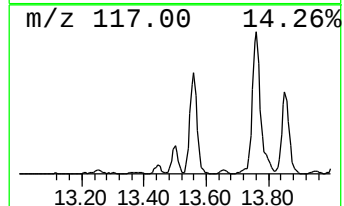
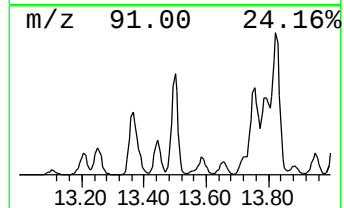
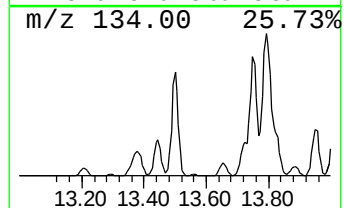
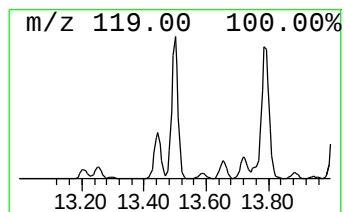
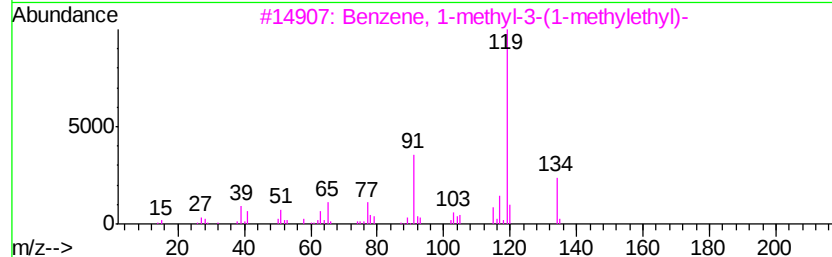
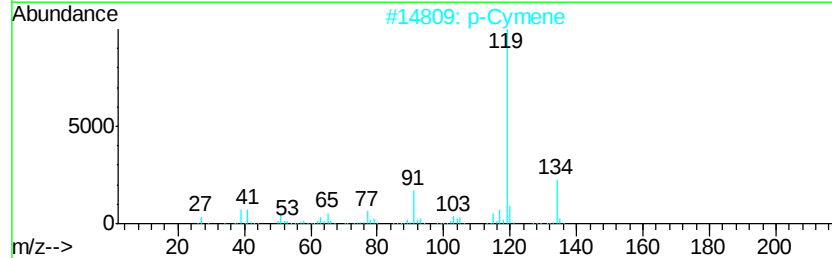
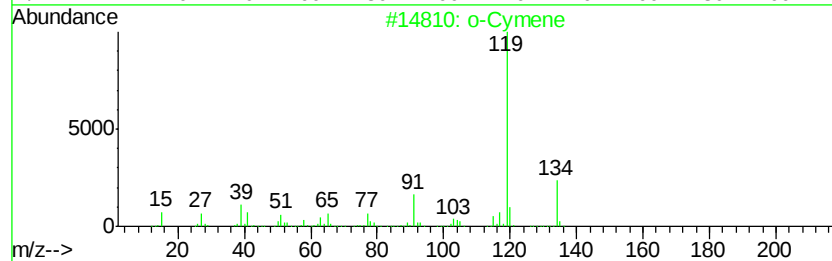
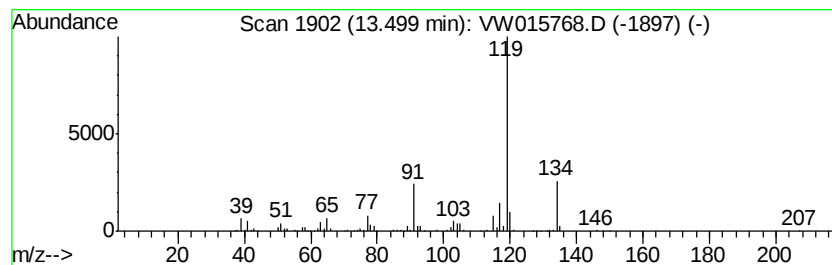
Instrument :
MSVOA_W
ClientSampleId :
BG2M1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

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

Peak Number 11 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	3.53 ug/L	140655	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 97
2		p-Cymene	134 C10H14	000099-87-6 97
3		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 95
4		p-Cymene	134 C10H14	000099-87-6 95
5		Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

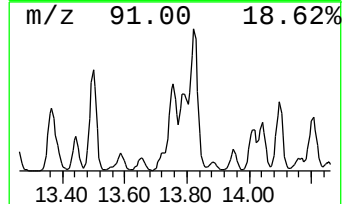
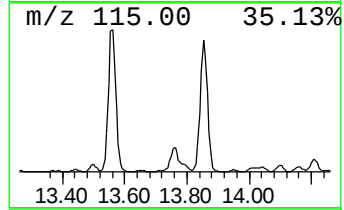
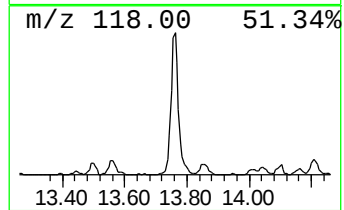
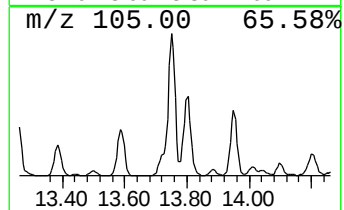
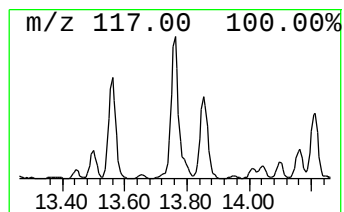
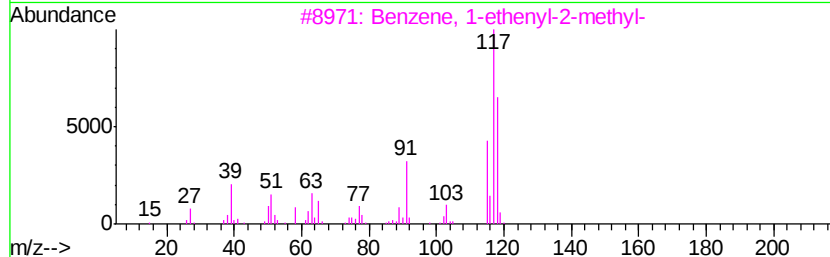
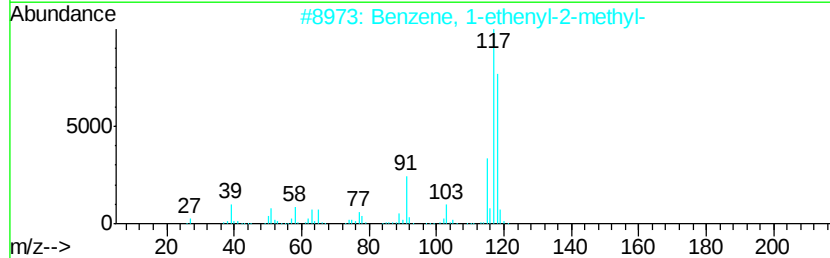
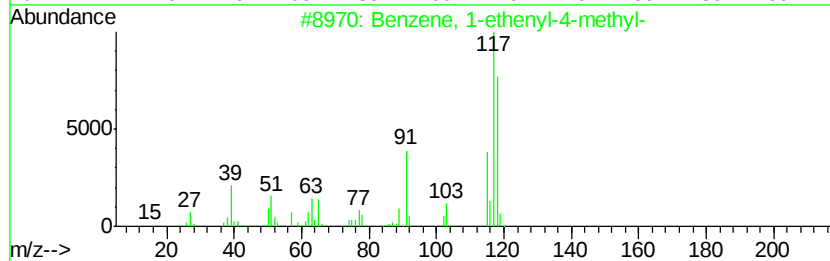
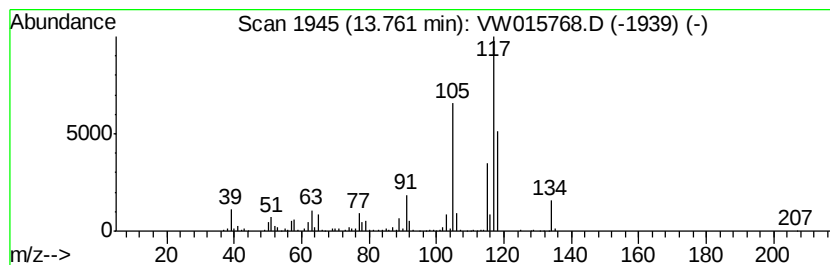
Instrument :
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ClientSampleId :
BG2M1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethenyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.76	6.98 ug/L	277893	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10		000622-97-9	83
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10		000611-15-4	64
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10		000611-15-4	64
4	Benzene, 2-propenyl-	118	C9H10		000300-57-2	64
5	Benzene, cyclopropyl-	118	C9H10		000873-49-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

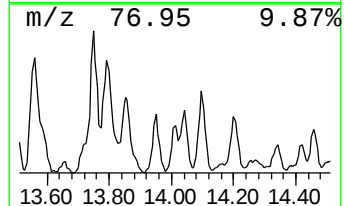
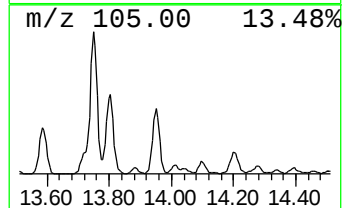
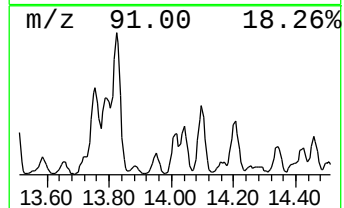
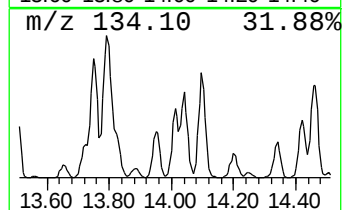
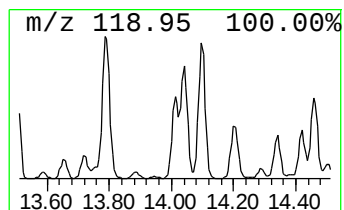
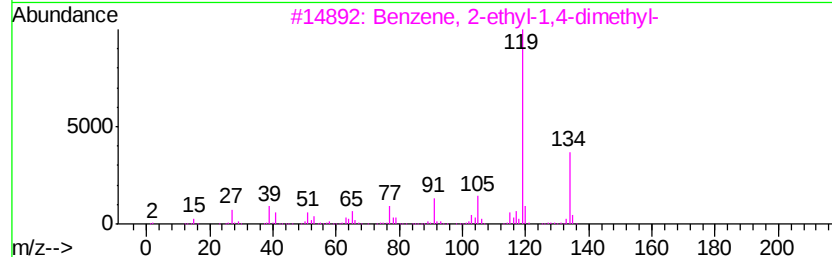
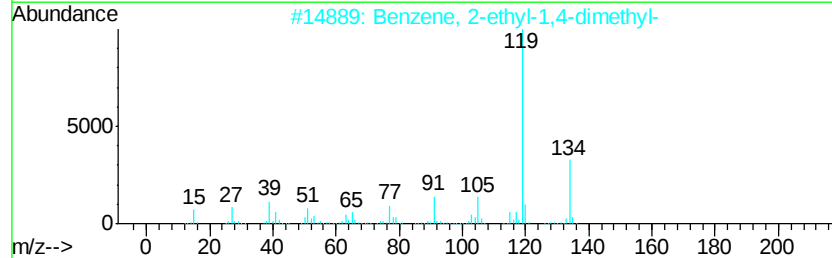
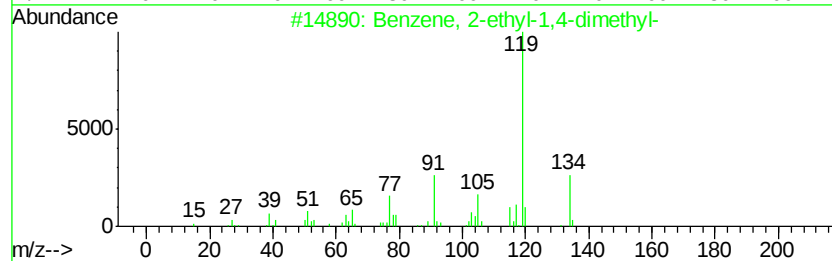
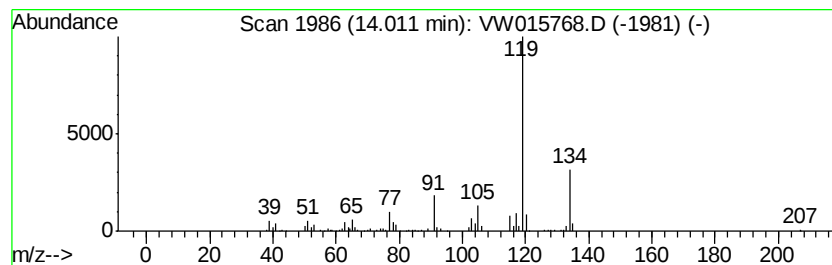
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.04 ug/L	81255	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

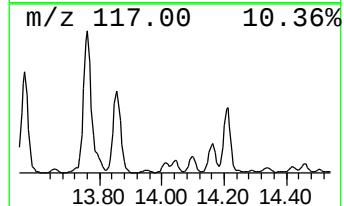
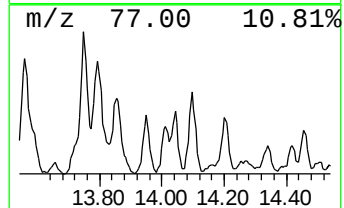
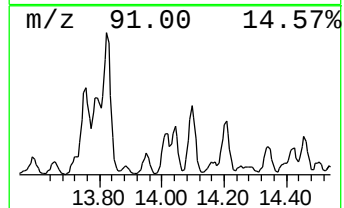
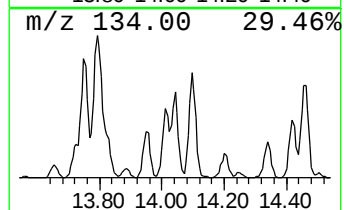
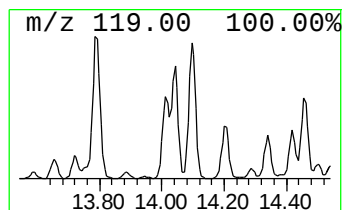
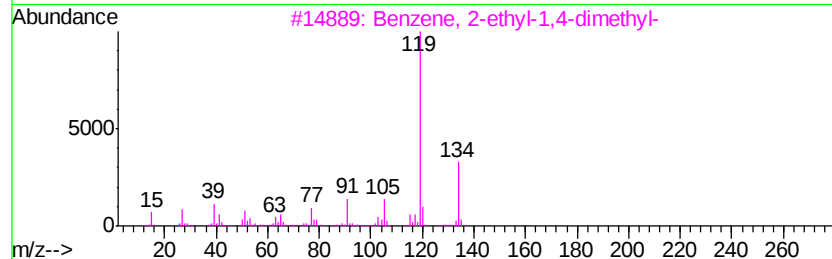
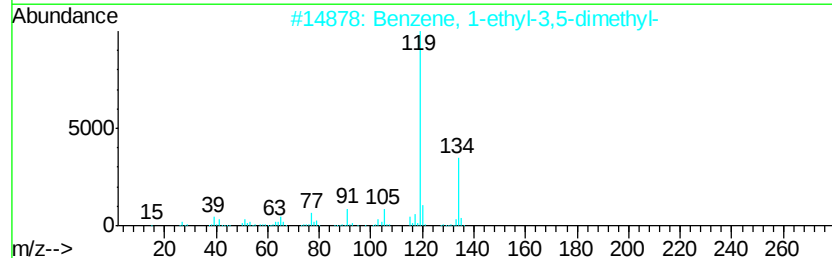
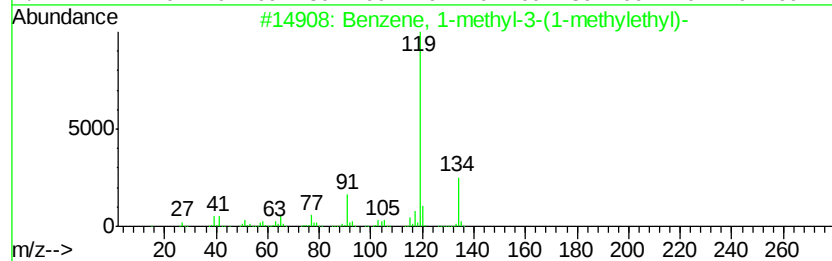
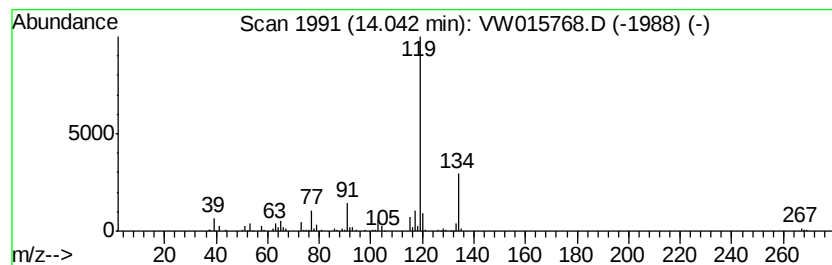
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Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.66 ug/L	105810	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

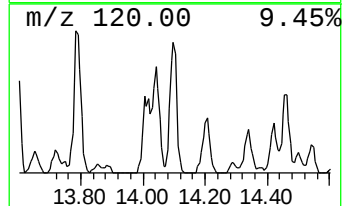
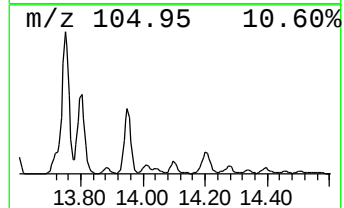
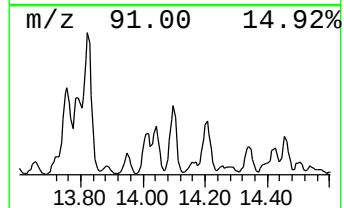
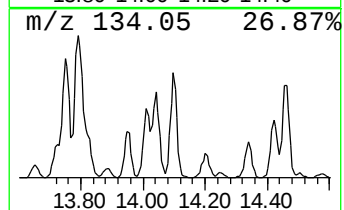
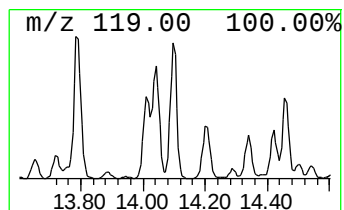
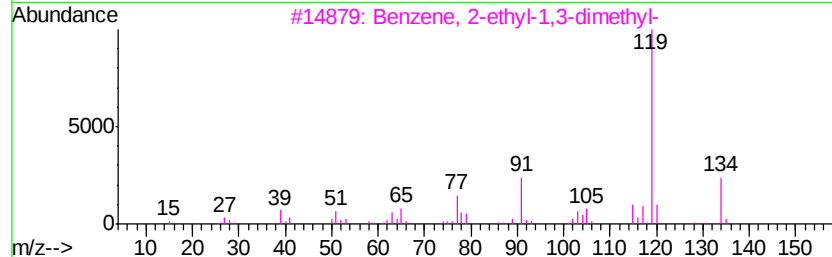
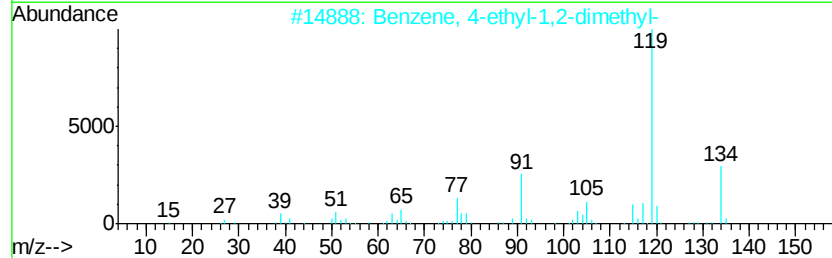
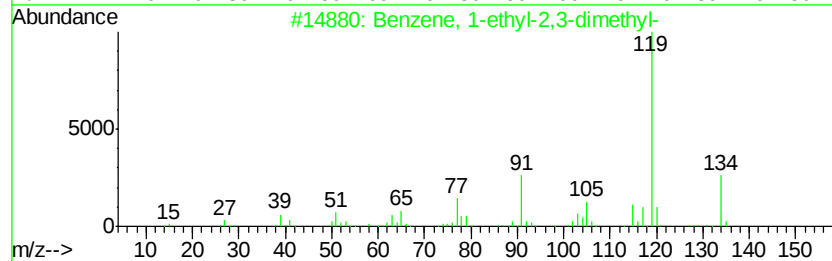
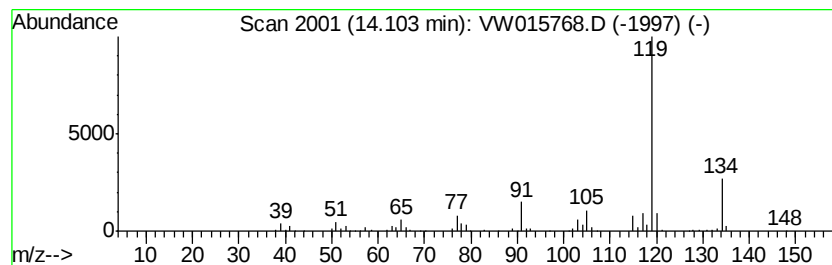
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Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.24 ug/L	128961	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

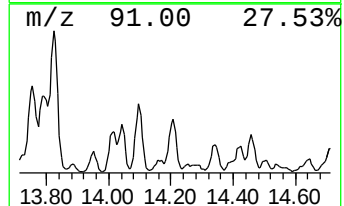
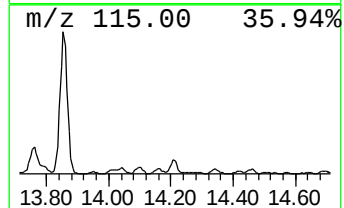
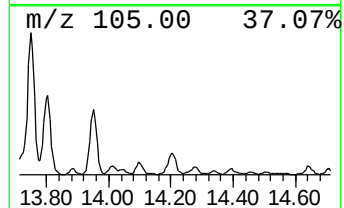
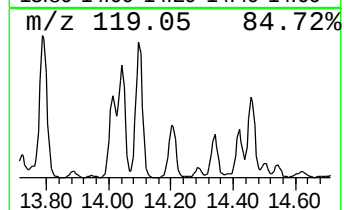
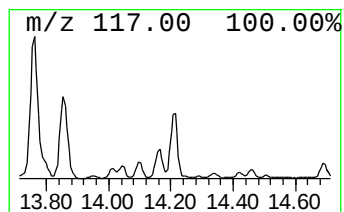
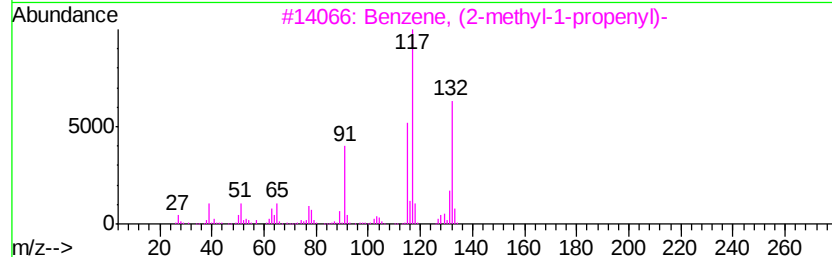
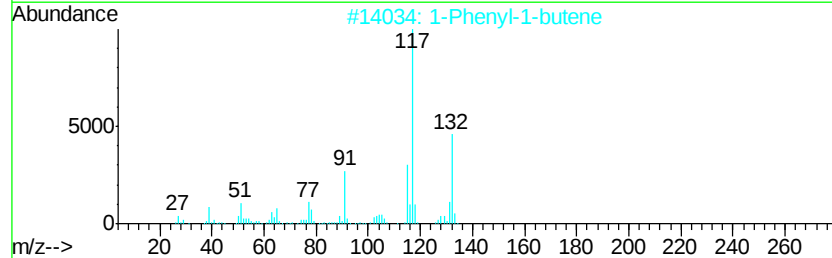
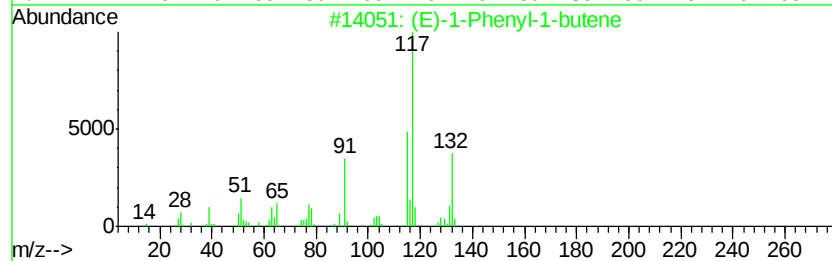
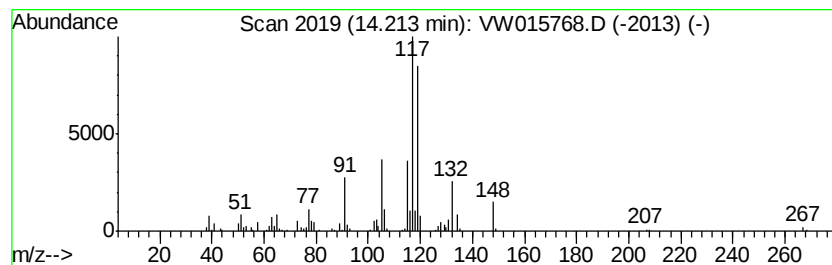
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Quant Title : VOC Analysis

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

Peak Number 18 (E)-1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.00 ug/L	119561	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	50
4		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	46
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

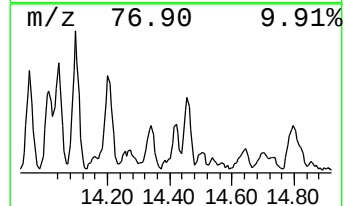
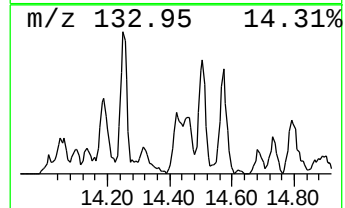
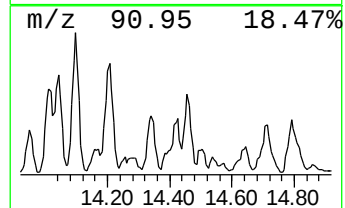
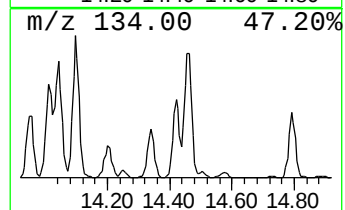
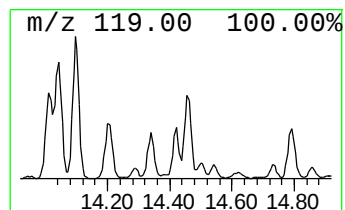
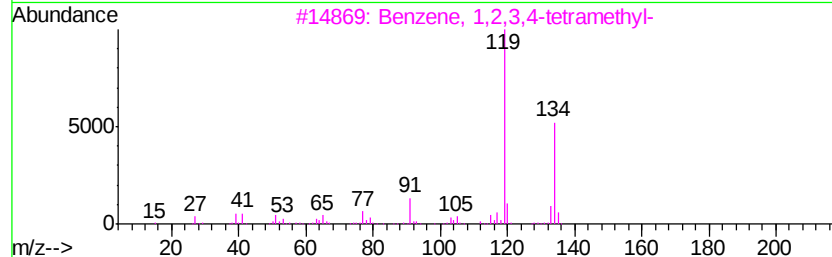
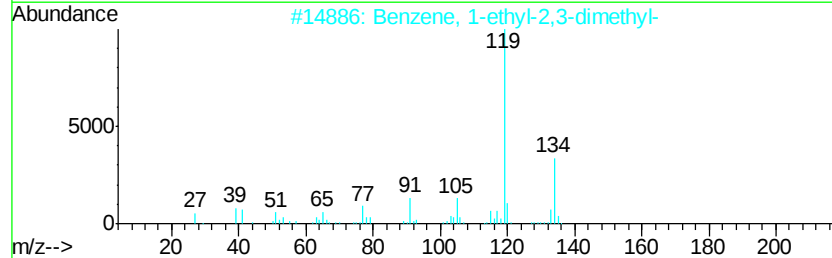
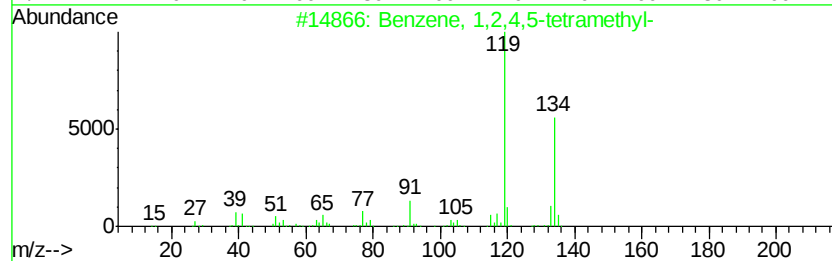
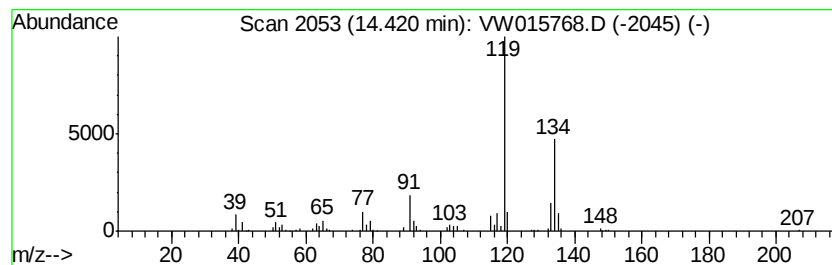
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	1.33 ug/L	52950	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

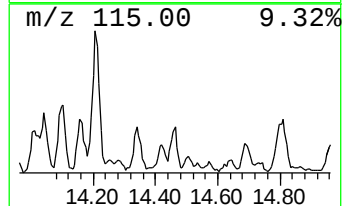
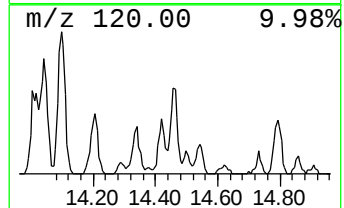
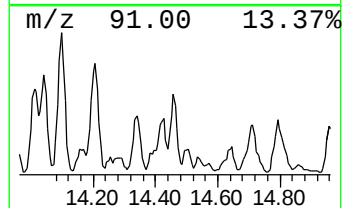
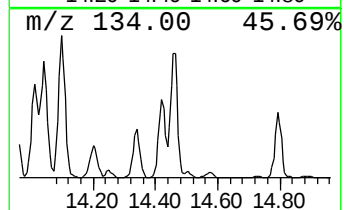
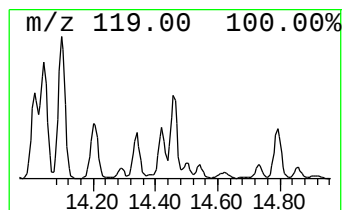
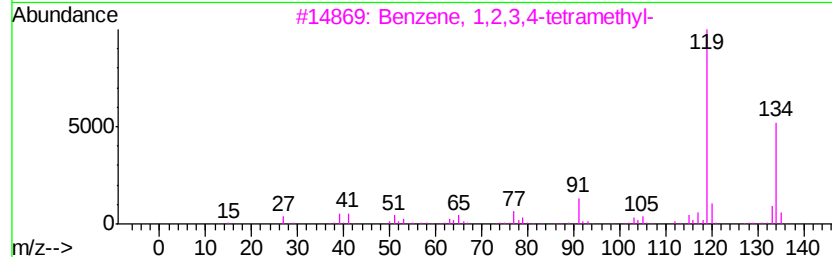
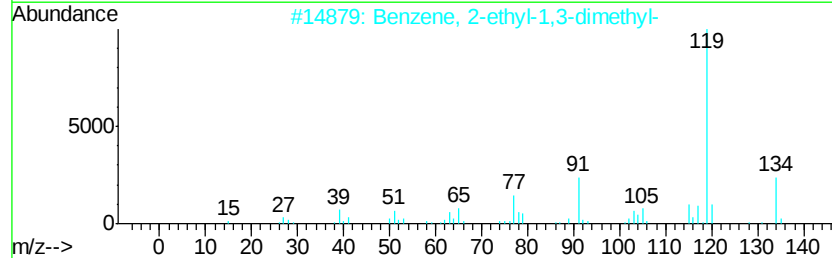
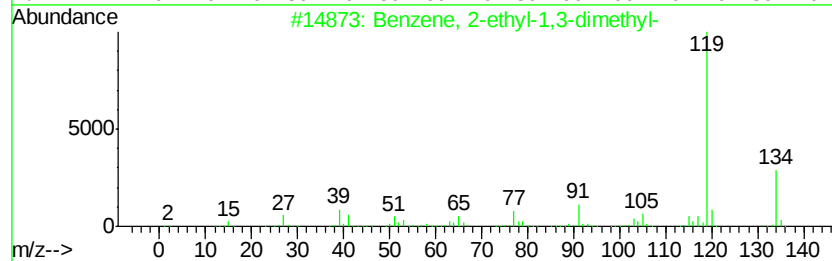
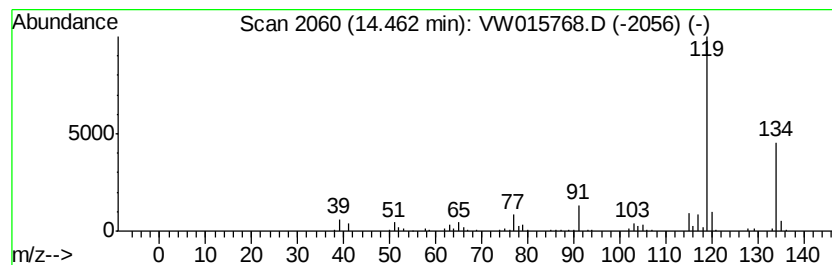
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

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

Peak Number 21 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	1.70 ug/L	67571	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062920\
Data File : VW015768.D
Acq On : 29 Jun 2020 17:57
Operator : SY/VA
Sample : L3131-07
Misc : 5.12G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG2M1

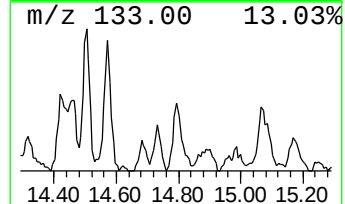
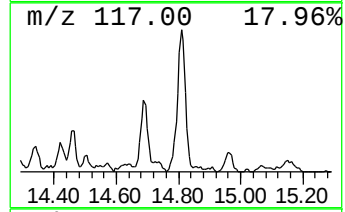
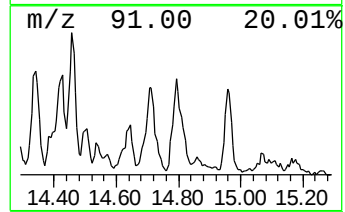
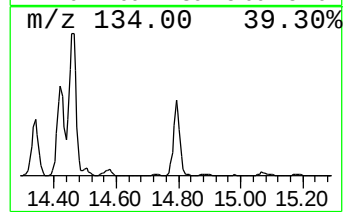
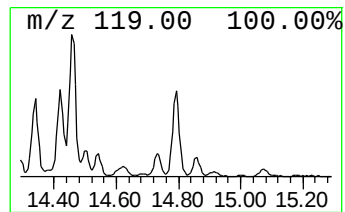
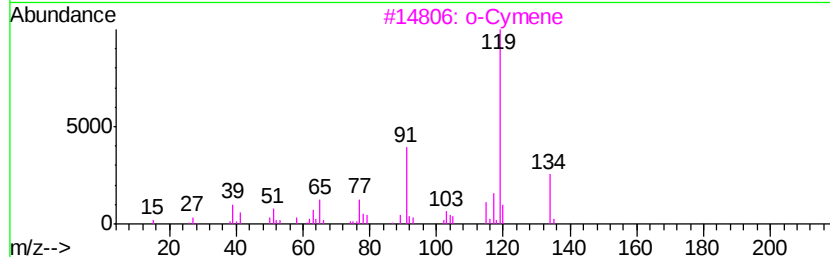
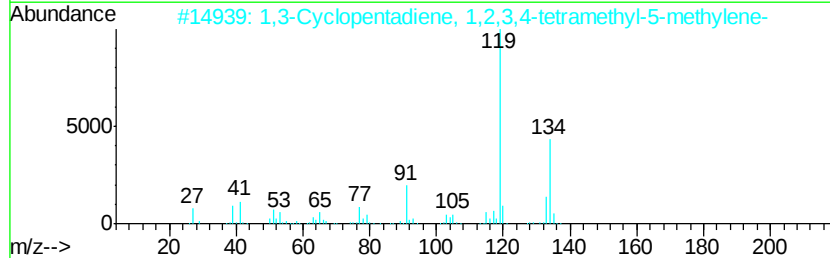
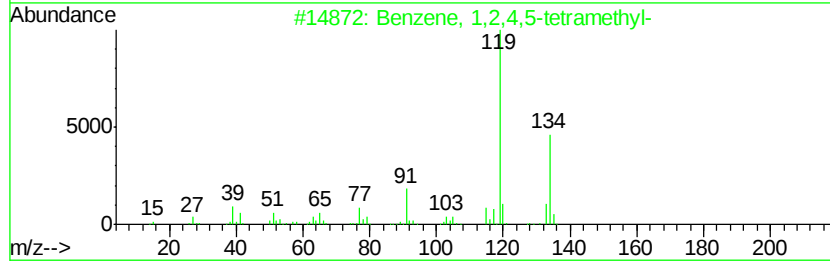
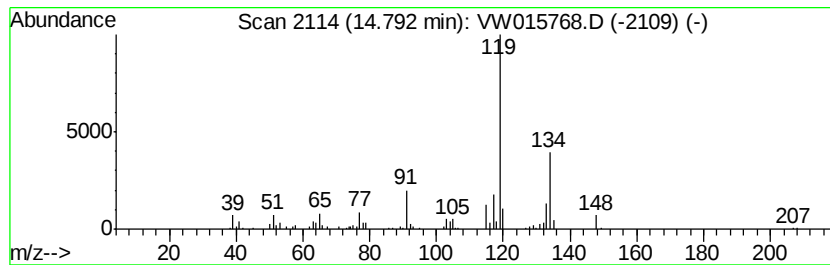
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
Quant Title : VOC Analysis

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

Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.20 ug/L	87803	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062920\
 Data File : VW015768.D
 Acq On : 29 Jun 2020 17:57
 Operator : SY/VA
 Sample : L3131-07
 Misc : 5.12G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2M1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.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
unknown-01	11.07	1.3	ug/L	53168	2	11.63	1058980	25.0
Indole-2-one, 2,3...	12.94	1.4	ug/L	53688	3	13.56	995900	25.0
Mesitylene	13.25	2.4	ug/L	94336	3	13.56	995900	25.0
Benzene, 1-methyl...	13.38	1.5	ug/L	61456	3	13.56	995900	25.0
p-Cymene	13.44	1.3	ug/L	50591	3	13.56	995900	25.0
o-Cymene	13.50	3.5	ug/L	140655	3	13.56	995900	25.0
Benzene, 1-etheny...	13.76	7.0	ug/L	277893	3	13.56	995900	25.0
Benzene, 2-ethyl-...	14.01	2.0	ug/L	81255	3	13.56	995900	25.0
Benzene, 1-methyl...	14.04	2.7	ug/L	105810	3	13.56	995900	25.0
Benzene, 1-ethyl-...	14.10	3.2	ug/L	128961	3	13.56	995900	25.0
(E)-1-Phenyl-1-bu...	14.21	3.0	ug/L	119561	3	13.56	995900	25.0
Benzene, 1,2,4,5-...	14.42	1.3	ug/L	52950	3	13.56	995900	25.0
Benzene, 2-ethyl-...	14.46	1.7	ug/L	67571	3	13.56	995900	25.0
Benzene, 1,2,3,4-...	14.79	2.2	ug/L	87803	3	13.56	995900	25.0