

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016919.D
 Acq On : 15 Oct 2020 18:06
 Operator : SY/VA
 Sample : L4426-01
 Misc : 5.87G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Y3

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\SOM2WLM100720S.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	1.953	6	8	12	rVB3	4410	5393	0.01%	0.009%
2	2.148	37	40	41	rBV2	1401	1423	0.00%	0.002%
3	2.355	68	74	84	rVB	103783	201241	0.40%	0.325%
4	2.891	155	162	178	rVB	73879	178843	0.36%	0.288%
5	3.306	225	230	232	rBV4	901	1326	0.00%	0.002%
6	3.330	232	234	238	rVB	483	454	0.00%	0.001%
7	3.385	238	243	244	rBV3	1152	1576	0.00%	0.003%
8	3.605	277	279	280	rBV2	414	354	0.00%	0.001%
9	3.684	290	292	297	rVB4	488	660	0.00%	0.001%
10	3.751	301	303	305	rVV3	387	307	0.00%	0.000%
11	3.891	321	326	328	rBV2	610	929	0.00%	0.001%
12	4.025	336	348	362	rBV	167240	522412	1.05%	0.843%
13	4.397	398	409	420	rBV2	6582	20943	0.04%	0.034%
14	4.470	420	421	424	rVV2	376	353	0.00%	0.001%
15	4.513	426	428	430	rVB3	418	327	0.00%	0.001%
16	4.611	440	444	446	rBV2	290	367	0.00%	0.001%
17	4.726	461	463	464	rBV	515	311	0.00%	0.001%
18	4.928	483	496	510	rBV3	21931	78975	0.16%	0.127%
19	5.202	540	541	547	rVB2	410	406	0.00%	0.001%
20	5.415	568	576	577	rBV3	596	822	0.00%	0.001%
21	5.781	627	636	637	rBV4	1748	2948	0.01%	0.005%
22	5.940	652	662	674	rVV4	8782	27254	0.05%	0.044%
23	6.098	686	688	691	rVB3	436	431	0.00%	0.001%
24	6.293	719	720	724	rBV3	405	520	0.00%	0.001%
25	6.330	724	726	731	rVV3	329	542	0.00%	0.001%
26	6.458	743	747	750	rBV2	294	396	0.00%	0.001%
27	6.897	812	819	820	rBV3	1353	1798	0.00%	0.003%
28	7.007	836	837	840	rVB2	349	356	0.00%	0.001%
29	7.086	840	850	855	rBV	28289	80051	0.16%	0.129%
30	7.433	904	907	910	rBV3	444	803	0.00%	0.001%
31	7.653	932	943	957	rVV	256028	622730	1.25%	1.004%
32	7.878	978	980	982	rVB2	360	319	0.00%	0.001%
33	7.903	982	984	987	rBV3	372	441	0.00%	0.001%
34	7.945	987	991	999	rVB5	1396	3260	0.01%	0.005%

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35	8.086	1011	1014	1016	rBV	307	450	0.00%	0.001%
36	8.281	1034	1046	1061	rBV2	493196	1435481	2.88%	2.315%
37	8.397	1063	1065	1067	rVB2	414	311	0.00%	0.001%
38	8.567	1087	1093	1097	rBV4	983	1897	0.00%	0.003%
39	8.701	1107	1115	1123	rVB7	1628	4358	0.01%	0.007%
40	8.842	1129	1138	1150	rBV	576161	1141722	2.29%	1.842%
41	9.092	1170	1179	1195	rBV	606343	1213052	2.44%	1.957%
42	9.274	1201	1209	1219	rBV	309917	638152	1.28%	1.029%
43	9.415	1228	1232	1239	rVB5	1610	3139	0.01%	0.005%
44	9.671	1270	1274	1277	rVB2	685	1078	0.00%	0.002%
45	9.762	1287	1289	1290	rBV2	342	338	0.00%	0.001%
46	9.890	1307	1310	1315	rVB3	507	932	0.00%	0.002%
47	9.963	1318	1322	1324	rVB3	744	744	0.00%	0.001%
48	10.036	1324	1334	1344	rBV	159270	292201	0.59%	0.471%
49	10.213	1359	1363	1373	rVB4	1819	4189	0.01%	0.007%
50	10.329	1373	1382	1389	rBV	716314	1263133	2.54%	2.037%
51	10.445	1397	1401	1402	rBV4	395	476	0.00%	0.001%
52	10.512	1407	1412	1416	rVB6	1786	3590	0.01%	0.006%
53	10.579	1416	1423	1430	rBV	90925	161658	0.32%	0.261%
54	10.707	1436	1444	1451	rBV	20971	37695	0.08%	0.061%
55	10.780	1452	1456	1457	rBV3	972	1162	0.00%	0.002%
56	10.860	1461	1469	1470	rBV	44415282	49769833	100.00%	80.281%
57	11.634	1589	1596	1604	rVB	674656	1136927	2.28%	1.834%
58	11.841	1625	1630	1634	rBV3	20492	34351	0.07%	0.055%
59	12.036	1660	1662	1663	rBV2	1217	839	0.00%	0.001%
60	12.140	1673	1679	1681	rBV5	7394	13872	0.03%	0.022%
61	12.249	1695	1697	1702	rVB3	4921	6636	0.01%	0.011%
62	12.298	1702	1705	1708	rBV3	3688	6083	0.01%	0.010%
63	12.347	1708	1713	1716	rBV5	8571	15189	0.03%	0.025%
64	12.609	1751	1756	1761	rVB	30828	52489	0.11%	0.085%
65	12.652	1761	1763	1764	rBV2	1790	1580	0.00%	0.003%
66	12.695	1764	1770	1777	rVB	200448	322995	0.65%	0.521%
67	12.786	1781	1785	1792	rVB3	10996	27682	0.06%	0.045%
68	12.871	1792	1799	1802	rBV	26559	48407	0.10%	0.078%
69	12.938	1806	1810	1816	rVB2	47337	88623	0.18%	0.143%
70	13.109	1831	1838	1843	rVB2	10136	21207	0.04%	0.034%
71	13.170	1844	1848	1856	rVB7	6308	16120	0.03%	0.026%

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72	13.249	1856	1861	1867	rBV	75318	121464	0.24%	0.196%
73	13.444	1890	1893	1898	rVB3	13494	19370	0.04%	0.031%
74	13.487	1898	1900	1905	rVV2	5849	8655	0.02%	0.014%
75	13.560	1905	1912	1930	rVB	552548	974330	1.96%	1.572%
76	13.755	1939	1944	1947	rBV2	27613	43596	0.09%	0.070%
77	13.792	1947	1950	1954	rVV2	29527	42014	0.08%	0.068%
78	13.853	1954	1960	1971	rVB	451123	824141	1.66%	1.329%
79	13.950	1973	1976	1981	rVB	13691	18610	0.04%	0.030%
80	14.011	1982	1986	1988	rBV	23547	32336	0.06%	0.052%
81	14.042	1989	1991	1993	rBV	11058	9494	0.02%	0.015%
82	14.158	2007	2010	2012	rBV3	3235	4005	0.01%	0.006%
83	14.206	2013	2018	2023	rVV2	27216	46384	0.09%	0.075%
84	14.261	2023	2027	2034	rVV9	5644	14536	0.03%	0.023%
85	14.341	2034	2040	2044	rVV2	18533	35250	0.07%	0.057%
86	14.389	2044	2048	2049	rVV4	10508	14299	0.03%	0.023%
87	14.420	2050	2053	2056	rVV2	28672	42639	0.09%	0.069%
88	14.456	2056	2059	2063	rVV	37060	53824	0.11%	0.087%
89	14.499	2064	2066	2070	rVV4	9355	13733	0.03%	0.022%
90	14.542	2070	2073	2080	rVB6	8018	13350	0.03%	0.022%
91	14.688	2093	2097	2100	rBV3	11338	17142	0.03%	0.028%
92	14.798	2109	2115	2122	rBV3	27564	60520	0.12%	0.098%
93	14.859	2122	2125	2131	rVB6	4140	6521	0.01%	0.011%
94	14.962	2137	2142	2147	rBV6	3053	5423	0.01%	0.009%
95	15.176	2173	2177	2183	rVB7	3860	7119	0.01%	0.011%
96	15.365	2205	2208	2212	rBV2	5396	8279	0.02%	0.013%
97	15.438	2215	2220	2225	rVB2	14695	23506	0.05%	0.038%
98	15.664	2255	2257	2258	rBV2	1034	710	0.00%	0.001%
99	15.682	2258	2260	2267	rVB7	2054	3467	0.01%	0.006%
100	15.846	2285	2287	2292	rBV4	1161	1928	0.00%	0.003%

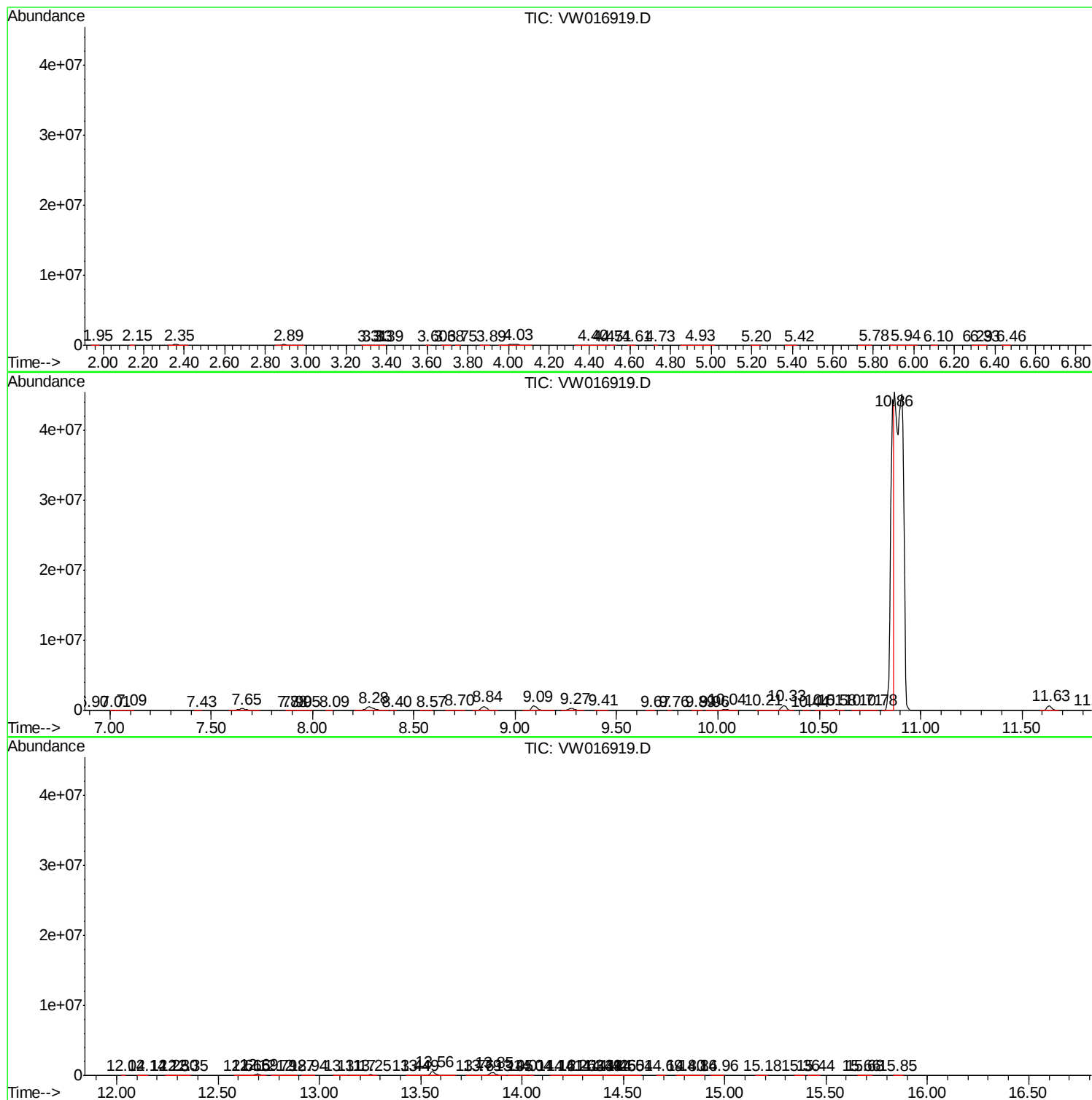
Sum of corrected areas: 61994507

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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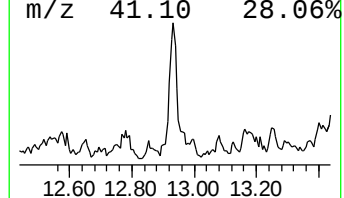
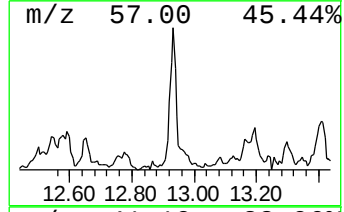
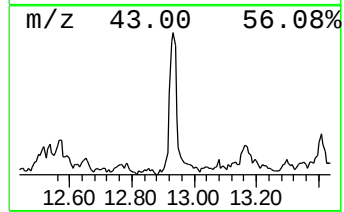
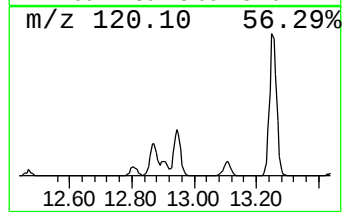
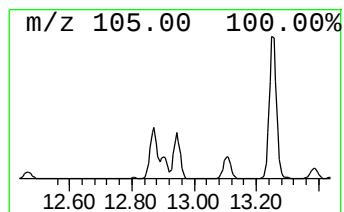
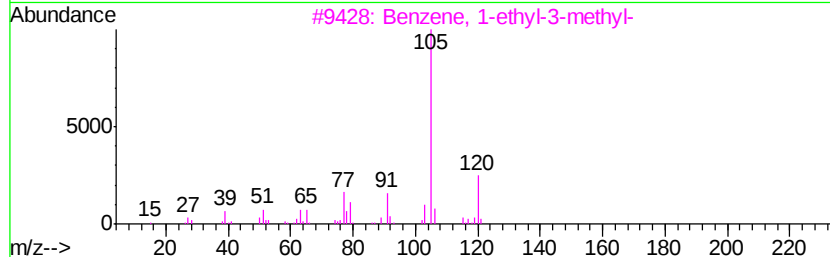
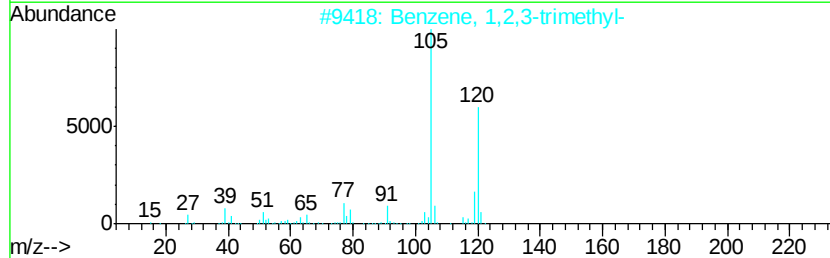
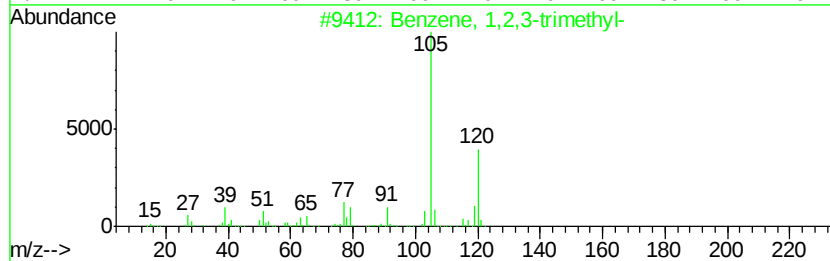
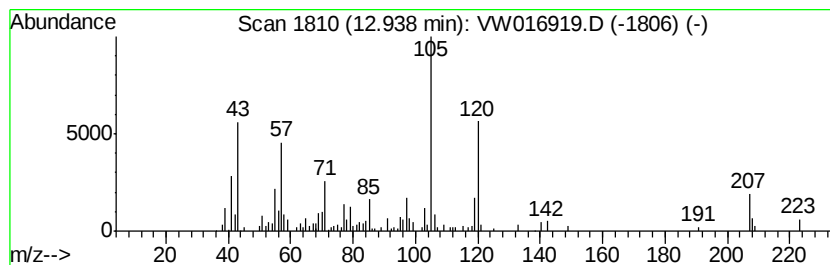
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	2.27 ug/L	88623	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	50
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	45
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	45
5		Mesitylene	120	C9H12	000108-67-8	43



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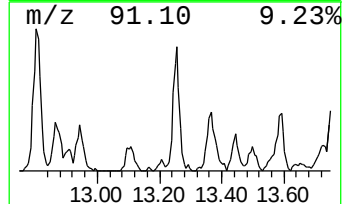
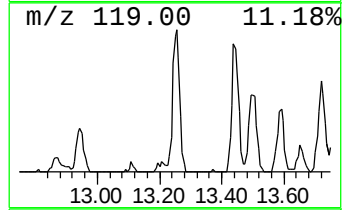
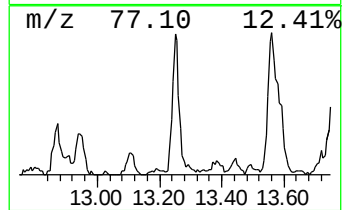
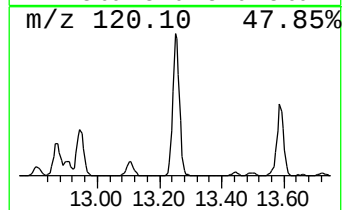
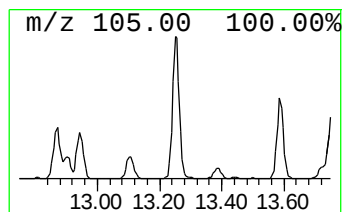
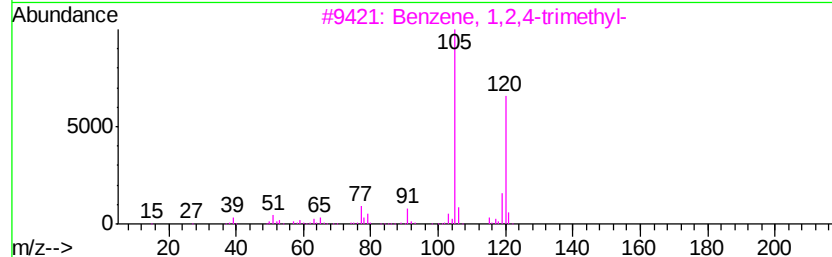
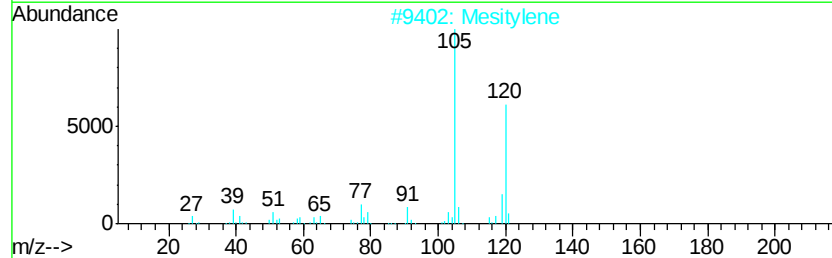
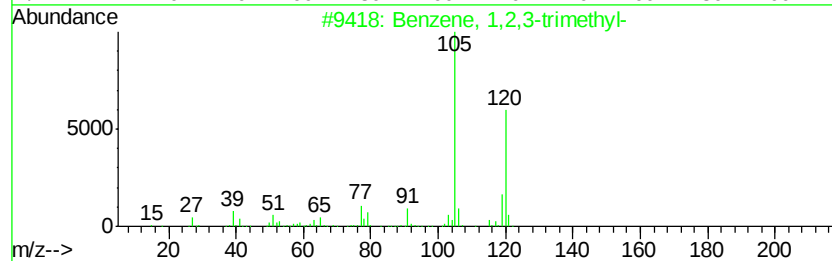
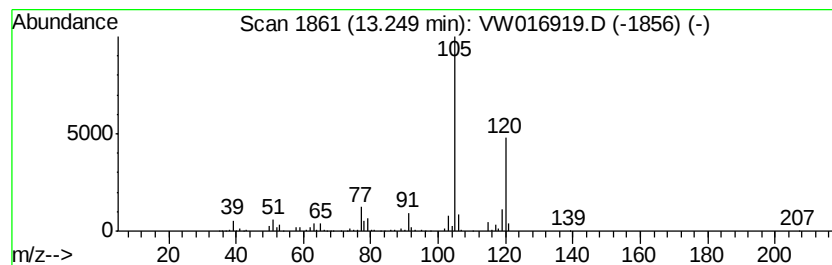
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Quant Title : VOC Analysis

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

Peak Number 4 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.12 ug/L	121464	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Mesitylene	120	C9H12	000108-67-8	94
5		Mesitylene	120	C9H12	000108-67-8	91



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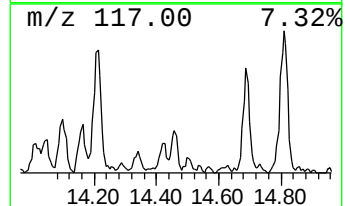
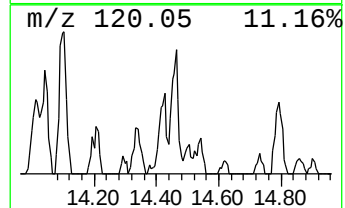
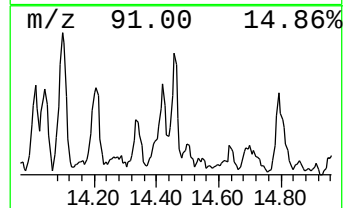
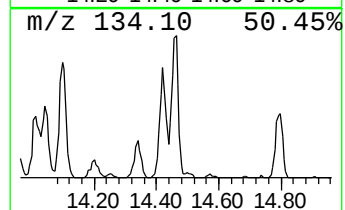
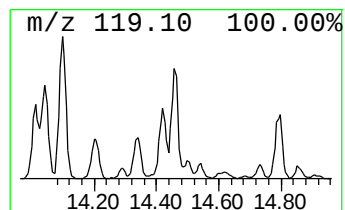
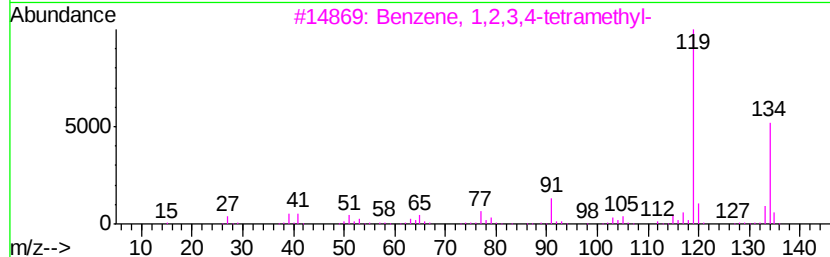
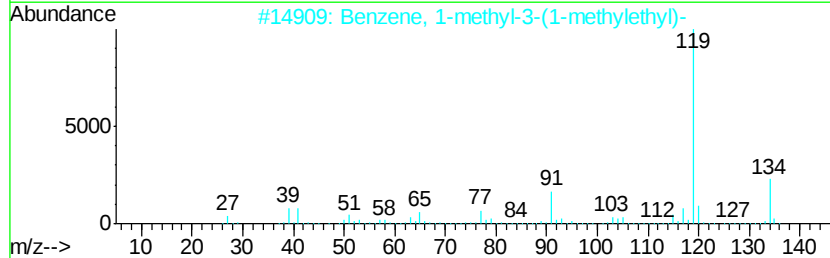
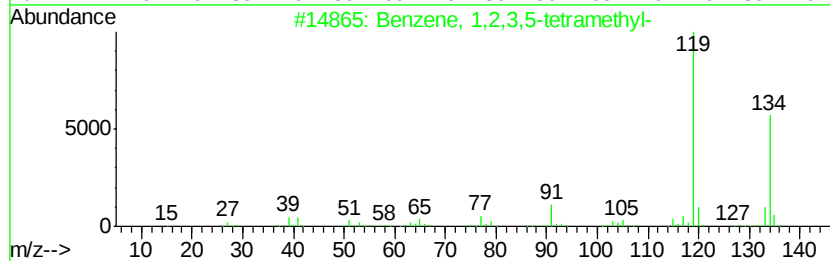
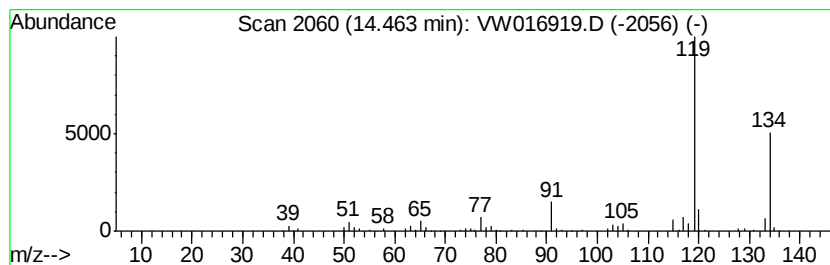
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	1.38 ug/L	53824	1,4-Dichlorobenzene-d4	13.56

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101620\
Data File : VW016919.D
Acq On : 15 Oct 2020 18:06
Operator : SY/VA
Sample : L4426-01
Misc : 5.87G/10ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y3

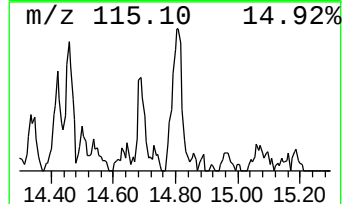
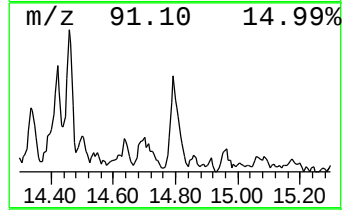
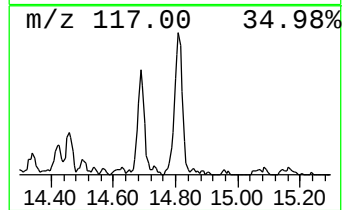
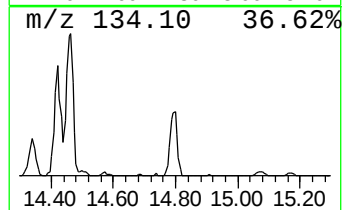
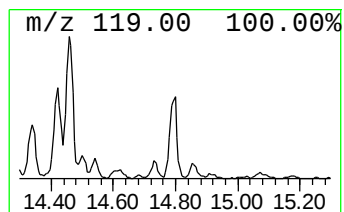
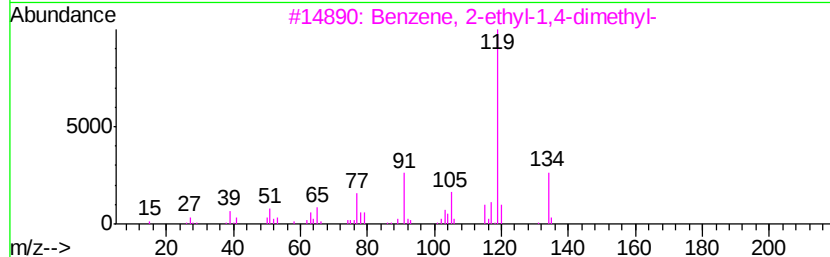
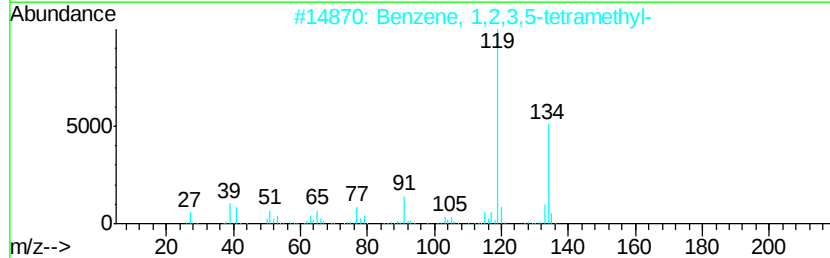
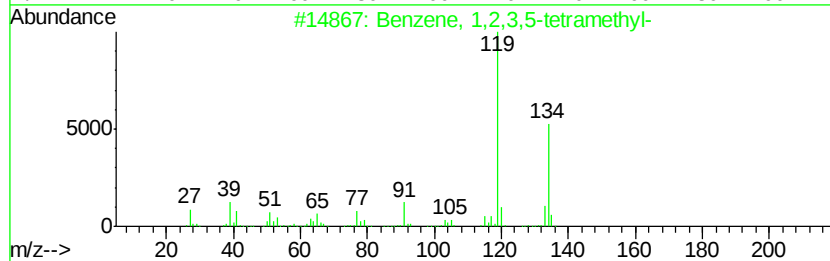
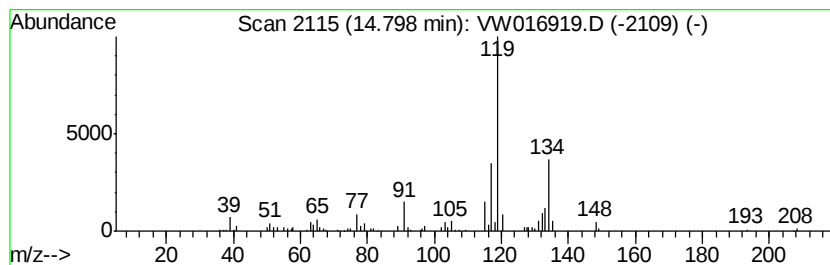
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	1.55 ug/L	60520	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101620\
Data File : VW016919.D
Acq On : 15 Oct 2020 18:06
Operator : SY/VA
Sample : L4426-01
Misc : 5.87G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3Y3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.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
Benzene, 1,2,3-tr...	12.94	2.3	ug/L	88623	3	13.56	974330	25.0
Mesitylene	13.25	3.1	ug/L	121464	3	13.56	974330	25.0
Benzene, 1,2,3,5-...	14.46	1.4	ug/L	53824	3	13.56	974330	25.0
Benzene, 2-ethyl-...	14.80	1.6	ug/L	60520	3	13.56	974330	25.0