

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
 Data File : VW005825.D
 Acq On : 03 Oct 2018 21:35
 Operator : SY/AP
 Sample : J5182-08RE
 Misc : 3.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC57RE

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	68	74	86	rVB	31768	68455	11.17%	1.272%
2	2.897	157	163	177	rVB	26198	70467	11.49%	1.310%
3	3.940	332	334	335	rBV	350	173	0.03%	0.003%
4	4.007	336	345	361	rVV	60056	189706	30.94%	3.526%
5	4.428	411	414	416	rBV2	278	380	0.06%	0.007%
6	4.623	438	446	451	rBV4	1677	4766	0.78%	0.089%
7	4.909	481	493	513	rBV3	47886	164464	26.83%	3.057%
8	5.147	530	532	535	rVB	368	375	0.06%	0.007%
9	5.184	535	538	539	rBV	271	235	0.04%	0.004%
10	5.263	549	551	552	rVB	437	244	0.04%	0.005%
11	5.641	610	613	615	rBV2	501	458	0.07%	0.009%
12	5.751	630	631	633	rBV	236	160	0.03%	0.003%
13	5.934	653	661	672	rBV2	5510	15867	2.59%	0.295%
14	6.049	677	680	681	rBV2	206	212	0.03%	0.004%
15	6.068	681	683	686	rVB2	239	235	0.04%	0.004%
16	6.092	686	687	689	rBV2	153	164	0.03%	0.003%
17	6.251	711	713	716	rVB3	235	189	0.03%	0.004%
18	6.330	722	726	729	rBV3	223	260	0.04%	0.005%
19	6.872	814	815	818	rVB3	206	194	0.03%	0.004%
20	6.915	818	822	823	rBV3	234	239	0.04%	0.004%
21	6.946	823	827	828	rBV3	214	250	0.04%	0.005%
22	7.037	840	842	843	rBV2	188	167	0.03%	0.003%
23	7.098	843	852	854	rBV2	4908	11375	1.86%	0.211%
24	7.494	914	917	920	rVB3	160	208	0.03%	0.004%
25	7.531	920	923	924	rBV	637	508	0.08%	0.009%
26	7.647	932	942	958	rBB	123832	306105	49.93%	5.689%
27	7.927	986	988	991	rBV3	258	376	0.06%	0.007%
28	8.000	998	1000	1001	rBV	261	206	0.03%	0.004%
29	8.189	1029	1031	1032	rVV	223	157	0.03%	0.003%
30	8.281	1035	1046	1063	rVB2	184148	589699	96.18%	10.960%
31	8.396	1063	1065	1069	rBV2	494	729	0.12%	0.014%
32	8.524	1085	1086	1090	rBV2	246	310	0.05%	0.006%
33	8.579	1093	1095	1097	rBV2	165	185	0.03%	0.003%
34	8.738	1118	1121	1122	rBV2	202	233	0.04%	0.004%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
 Data File : VW005825.D
 Acq On : 03 Oct 2018 21:35
 Operator : SY/AP
 Sample : J5182-08RE
 Misc : 3.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC57RE

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

35	8.848	1130	1139	1148	rBV	245166	482299	78.67%	8.964%
36	9.067	1170	1175	1177	rBV4	1802	2587	0.42%	0.048%
37	9.201	1194	1197	1199	rBV	213	211	0.03%	0.004%
38	9.280	1201	1210	1218	rBV	143971	298655	48.71%	5.551%
39	9.409	1229	1231	1232	rVB	372	214	0.03%	0.004%
40	9.597	1260	1262	1263	rBV2	359	231	0.04%	0.004%
41	9.652	1268	1271	1272	rBV3	446	432	0.07%	0.008%
42	9.701	1278	1279	1283	rBV2	213	262	0.04%	0.005%
43	9.756	1284	1288	1294	rVB4	1070	1732	0.28%	0.032%
44	9.811	1294	1297	1299	rBV2	212	229	0.04%	0.004%
45	9.896	1306	1311	1317	rBV3	805	1356	0.22%	0.025%
46	9.969	1322	1323	1325	rBV	223	163	0.03%	0.003%
47	10.036	1328	1334	1344	rBV	43825	78743	12.84%	1.463%
48	10.329	1374	1382	1391	rBV	224671	401436	65.48%	7.461%
49	10.506	1405	1411	1416	rVB6	2462	5467	0.89%	0.102%
50	10.579	1416	1423	1432	rBV	35460	63410	10.34%	1.178%
51	10.670	1433	1438	1441	rBV3	9280	15401	2.51%	0.286%
52	10.762	1449	1453	1459	rVB2	7980	14495	2.36%	0.269%
53	10.933	1473	1481	1490	rBV2	12926	23568	3.84%	0.438%
54	10.994	1490	1491	1492	rBV	393	194	0.03%	0.004%
55	11.067	1498	1503	1507	rBV	11654	18618	3.04%	0.346%
56	11.116	1507	1511	1514	rBV4	4630	7170	1.17%	0.133%
57	11.231	1526	1530	1536	rVB3	10472	19325	3.15%	0.359%
58	11.286	1536	1539	1543	rVV4	963	1596	0.26%	0.030%
59	11.335	1543	1547	1551	rVB3	3302	5174	0.84%	0.096%
60	11.384	1551	1555	1558	rBV3	769	1019	0.17%	0.019%
61	11.445	1558	1565	1573	rVB3	14326	29616	4.83%	0.550%
62	11.554	1581	1583	1587	rVB2	962	981	0.16%	0.018%
63	11.634	1589	1596	1606	rVV	273107	473763	77.27%	8.805%
64	11.737	1606	1613	1622	rVV	53535	112070	18.28%	2.083%
65	11.841	1622	1630	1649	rVV	327066	613092	100.00%	11.394%
66	11.981	1649	1653	1657	rVV4	1607	2735	0.45%	0.051%
67	12.048	1658	1664	1670	rVB5	3115	6122	1.00%	0.114%
68	12.170	1670	1684	1701	rBV	241559	416448	67.93%	7.740%
69	12.341	1703	1712	1720	rBV6	7248	15899	2.59%	0.295%
70	12.414	1721	1724	1728	rVV5	1691	3121	0.51%	0.058%
71	12.475	1729	1734	1741	rVB4	11814	19729	3.22%	0.367%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
 Data File : VW005825.D
 Acq On : 03 Oct 2018 21:35
 Operator : SY/AP
 Sample : J5182-08RE
 Misc : 3.51G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC57RE

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

72	12.615	1752	1757	1762	rVB	15147	23981	3.91%	0.446%
73	12.694	1763	1770	1780	rBV	96201	170184	27.76%	3.163%
74	12.780	1780	1784	1793	rVB8	2786	7166	1.17%	0.133%
75	12.877	1793	1800	1803	rBV	13755	23472	3.83%	0.436%
76	12.944	1807	1811	1819	rVB2	15009	26503	4.32%	0.493%
77	13.109	1833	1838	1845	rVB	9865	15982	2.61%	0.297%
78	13.182	1847	1850	1854	rBV4	685	1121	0.18%	0.021%
79	13.255	1857	1862	1867	rBV	15343	24745	4.04%	0.460%
80	13.505	1900	1903	1906	rBV3	802	1083	0.18%	0.020%
81	13.566	1906	1913	1924	rVV	168305	288829	47.11%	5.368%
82	13.767	1942	1946	1949	rBV5	2265	3987	0.65%	0.074%
83	13.859	1955	1961	1970	rBV	125442	206641	33.70%	3.840%
84	13.956	1974	1977	1982	rBV2	916	1500	0.24%	0.028%
85	14.030	1985	1989	1991	rBV4	1112	1549	0.25%	0.029%
86	14.084	1993	1998	2008	rVB2	6001	11758	1.92%	0.219%
87	14.152	2008	2009	2012	rVB	357	201	0.03%	0.004%
88	14.182	2012	2014	2015	rBV	378	273	0.04%	0.005%
89	14.243	2022	2024	2025	rBV	187	171	0.03%	0.003%
90	14.310	2033	2035	2037	rBV3	677	689	0.11%	0.013%
91	14.505	2066	2067	2069	rVB	243	164	0.03%	0.003%
92	14.737	2102	2105	2110	rVB4	786	1424	0.23%	0.026%
93	14.779	2110	2112	2114	rBV2	398	386	0.06%	0.007%
94	14.798	2114	2115	2119	rVV2	404	291	0.05%	0.005%
95	15.139	2169	2171	2172	rBV	485	281	0.05%	0.005%
96	15.225	2184	2185	2187	rBV2	332	183	0.03%	0.003%
97	15.292	2194	2196	2197	rVB	338	174	0.03%	0.003%
98	15.450	2218	2222	2223	rBV3	950	1464	0.24%	0.027%
99	15.688	2258	2261	2262	rBV2	562	596	0.10%	0.011%
100	16.590	2406	2409	2410	rBV2	630	535	0.09%	0.010%

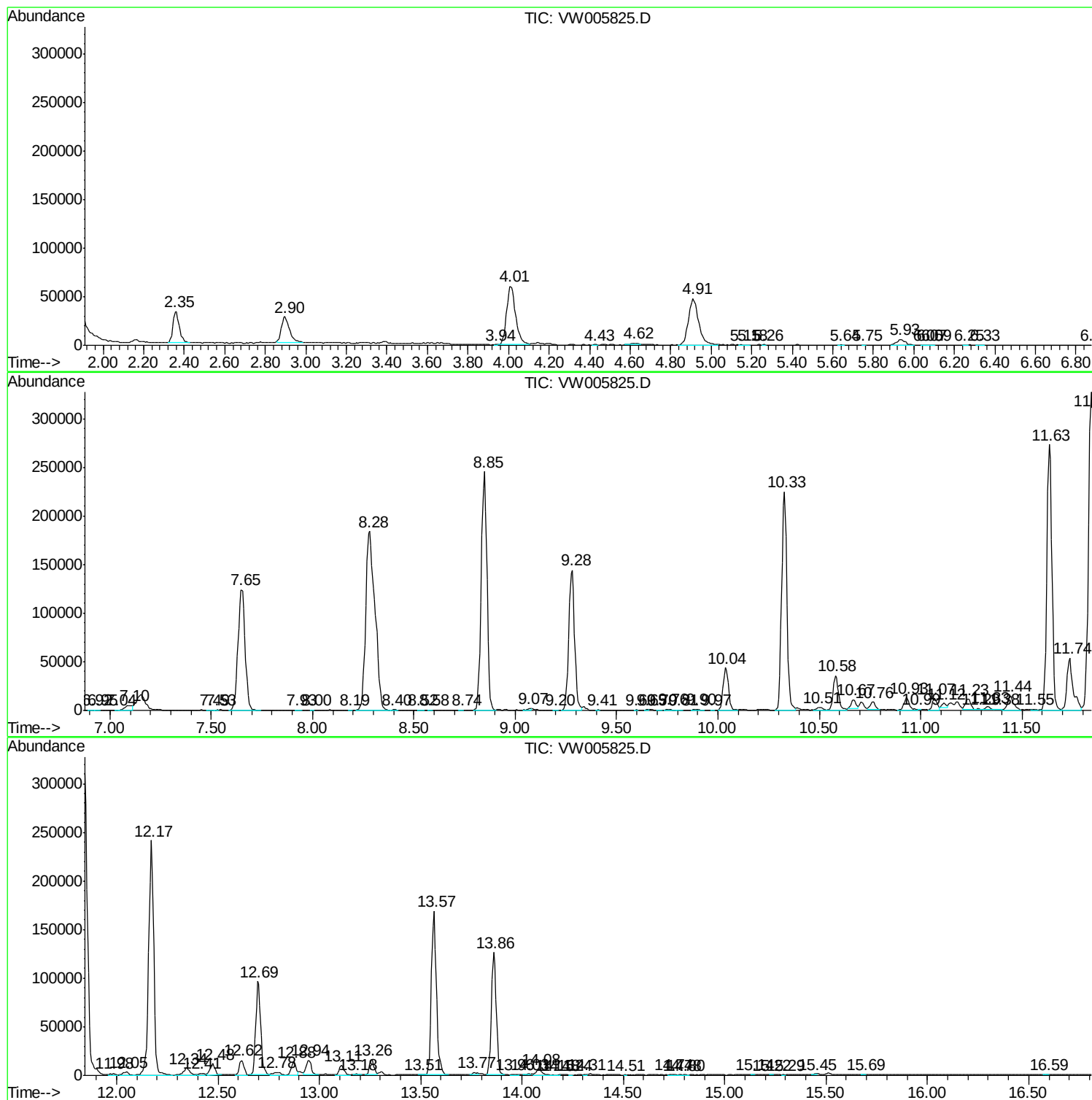
Sum of corrected areas: 5380647

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005825.D
Acq On : 03 Oct 2018 21:35
Operator : SY/AP
Sample : J5182-08RE
Misc : 3.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC57RE

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005825.D
Acq On : 03 Oct 2018 21:35
Operator : SY/AP
Sample : J5182-08RE
Misc : 3.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC57RE

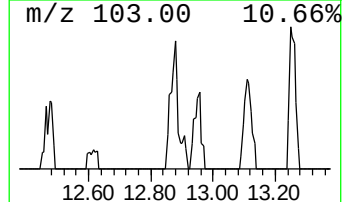
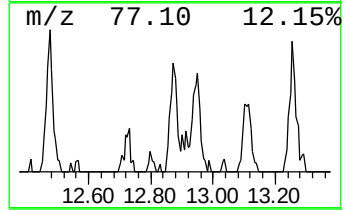
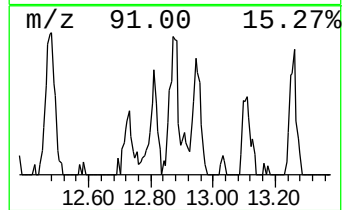
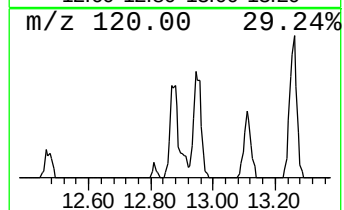
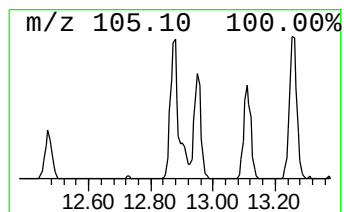
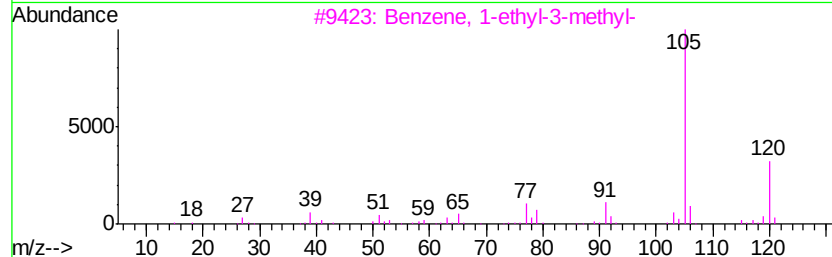
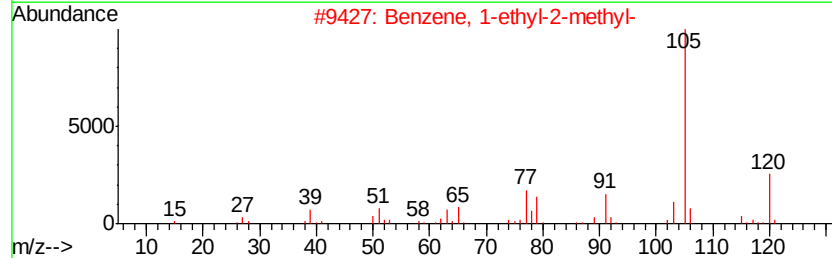
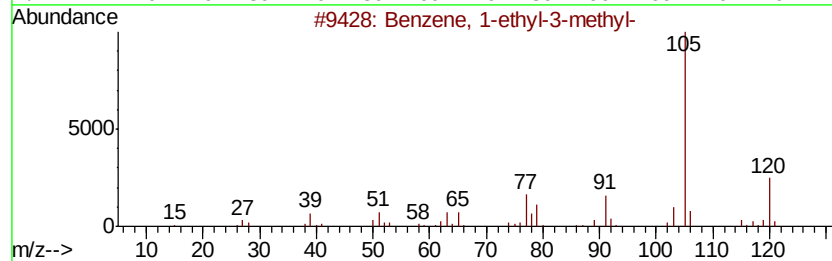
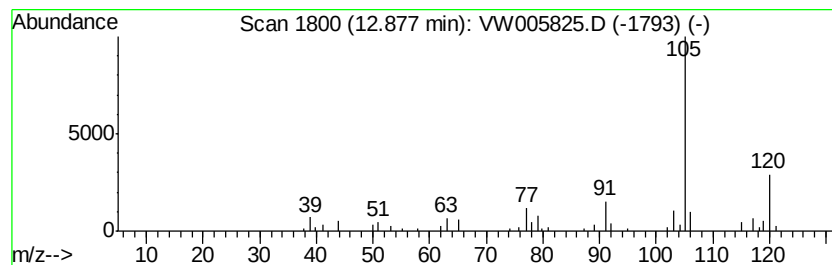
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	2.03 ug/L	23472	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005825.D
Acq On : 03 Oct 2018 21:35
Operator : SY/AP
Sample : J5182-08RE
Misc : 3.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC57RE

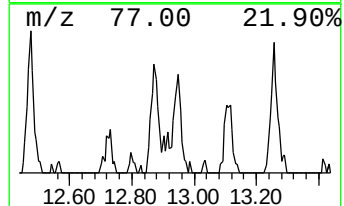
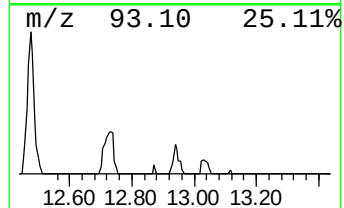
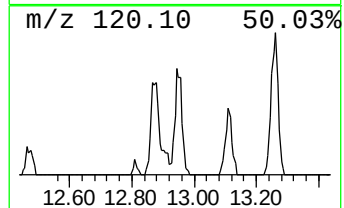
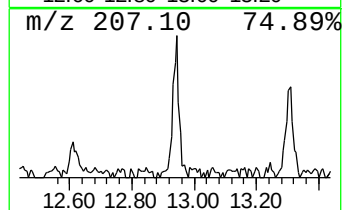
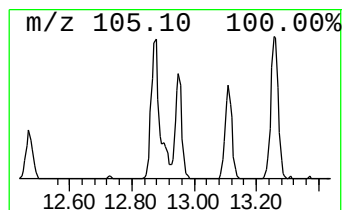
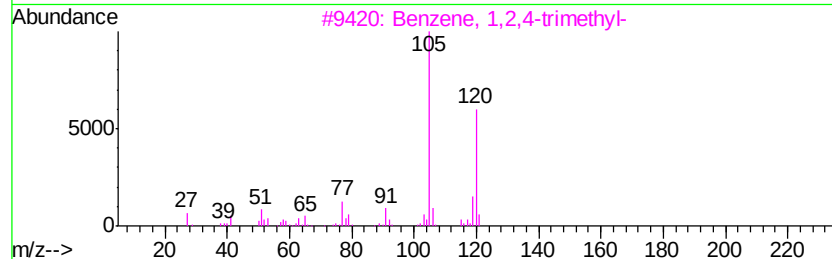
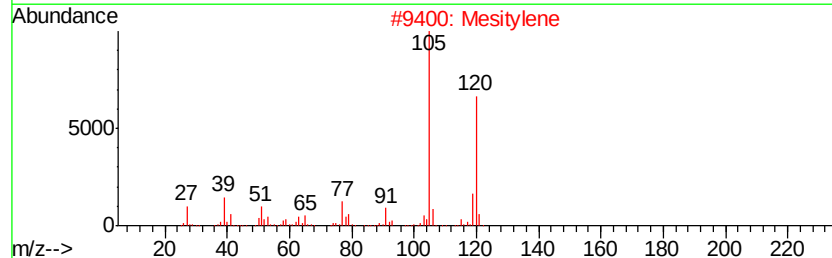
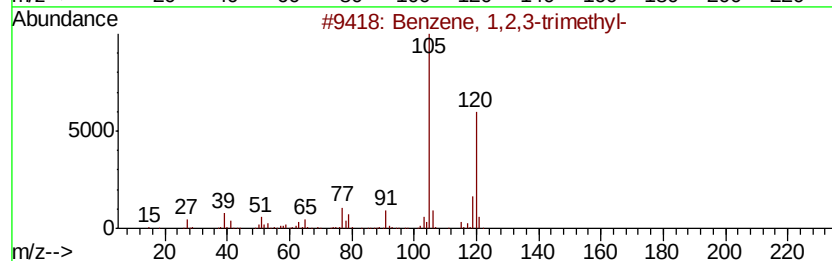
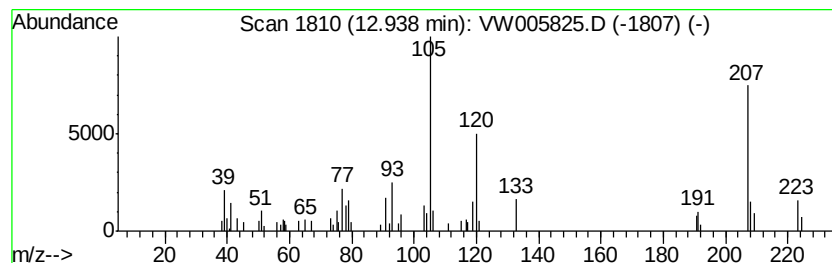
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	2.29 ug/L	26503	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	49
2		Mesitylene	120	C9H12	000108-67-8	46
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	46
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	46
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005825.D
Acq On : 03 Oct 2018 21:35
Operator : SY/AP
Sample : J5182-08RE
Misc : 3.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC57RE

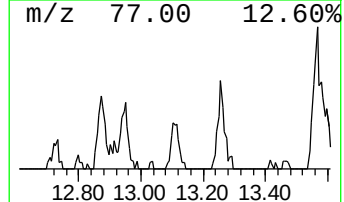
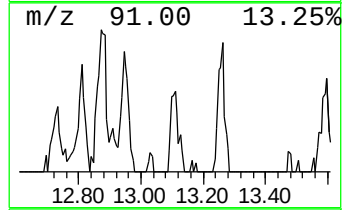
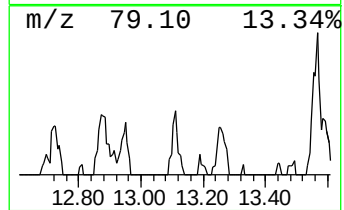
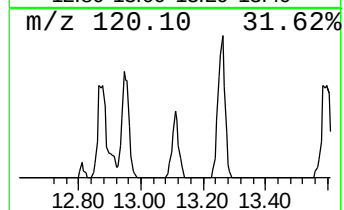
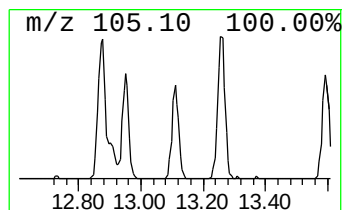
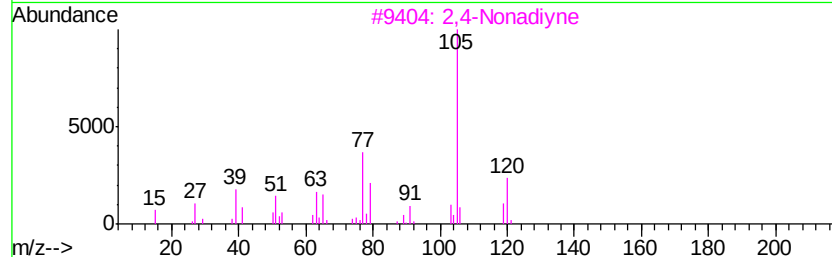
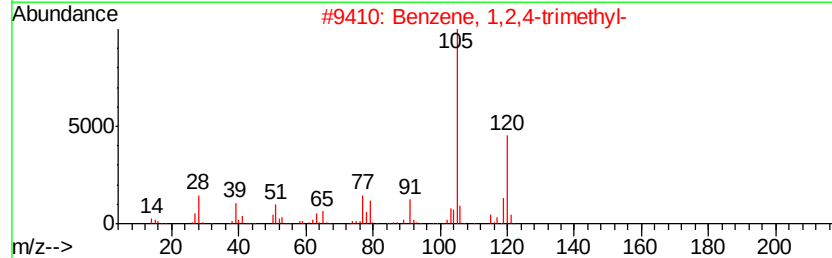
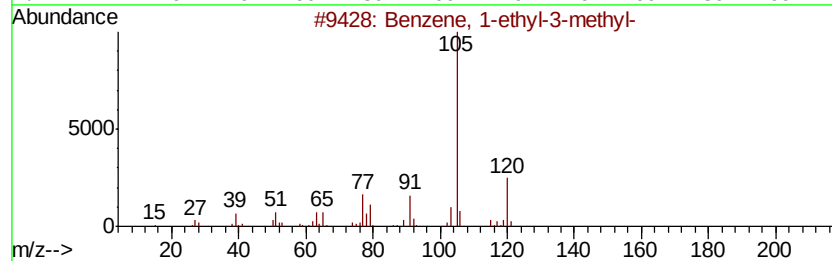
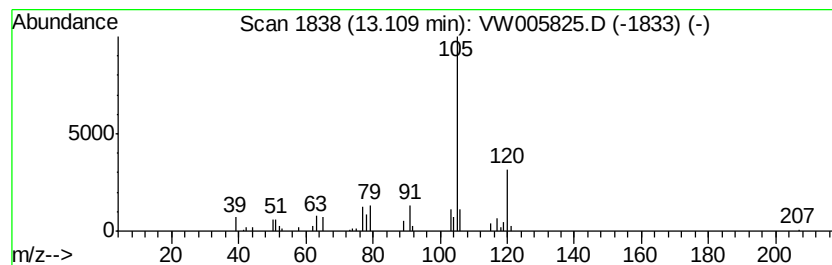
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	1.38 ug/L	15982	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3		2,4-Nonadiyne	120	C9H12	063621-15-8	87
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005825.D
Acq On : 03 Oct 2018 21:35
Operator : SY/AP
Sample : J5182-08RE
Misc : 3.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC57RE

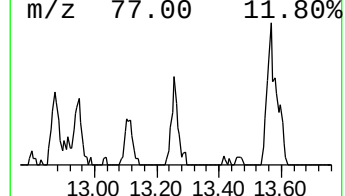
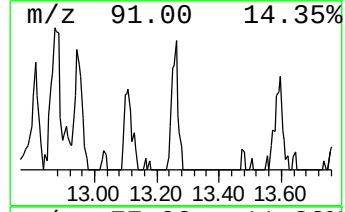
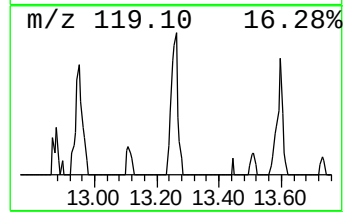
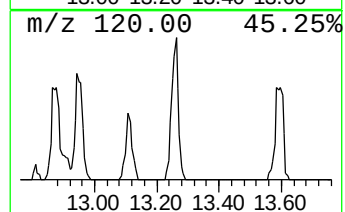
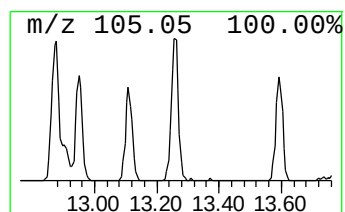
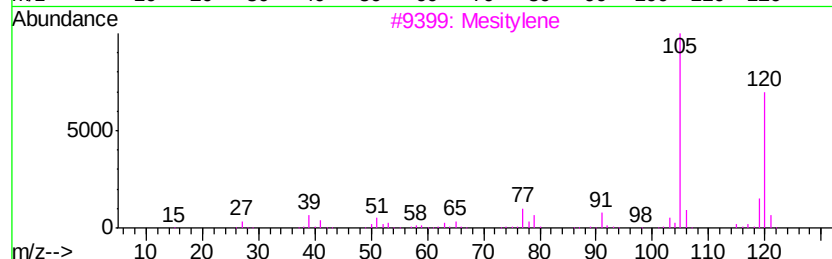
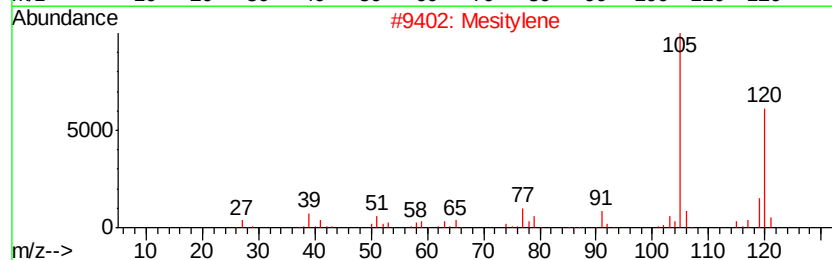
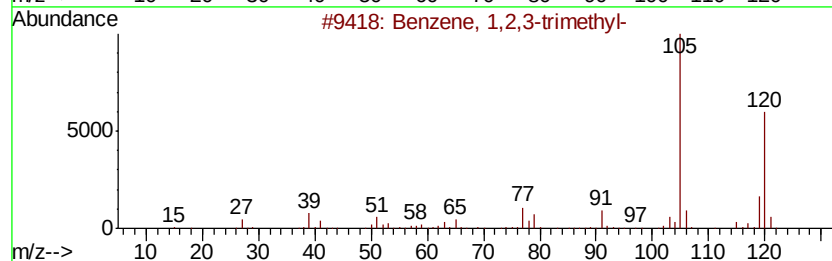
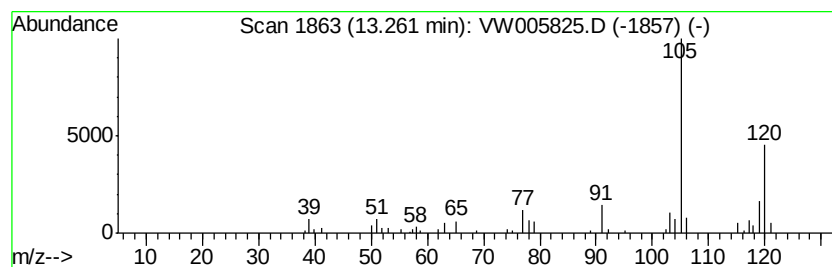
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.14 ug/L	24745	1,4-Dichlorobenzene-d4	13.57

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005825.D
Acq On : 03 Oct 2018 21:35
Operator : SY/AP
Sample : J5182-08RE
Misc : 3.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC57RE

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	12.88	2.0	ug/L	23472	3	13.57	288829	25.0
unknown-01	12.94	2.3	ug/L	26503	3	13.57	288829	25.0
Benzene, 1-ethyl-...	13.11	1.4	ug/L	15982	3	13.57	288829	25.0
Benzene, 1,2,3-tr...	13.26	2.1	ug/L	24745	3	13.57	288829	25.0