

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW071919\
 Data File : VW011372.D
 Acq On : 19 Jul 2019 12:22
 Operator : SY/VA
 Sample : K3863-20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52S5

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\SOM2WLM070219S.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	2.007	12	17	34	rVB	29174	72584	2.66%	0.211%
2	2.148	36	40	46	rBV	25784	44785	1.64%	0.130%
3	2.209	46	50	61	rVV	71482	106199	3.89%	0.309%
4	2.312	62	67	70	rVV	113773	184192	6.75%	0.536%
5	2.355	70	74	93	rVB2	224876	512630	18.78%	1.491%
6	2.770	135	142	152	rBV	48750	116438	4.26%	0.339%
7	2.879	153	160	182	rVB2	65169	223578	8.19%	0.650%
8	3.245	213	220	232	rBV2	21687	57485	2.11%	0.167%
9	3.422	247	249	251	rVB3	660	599	0.02%	0.002%
10	3.727	298	299	305	rVB3	570	768	0.03%	0.002%
11	3.855	315	320	324	rBV4	2248	4522	0.17%	0.013%
12	4.031	334	349	384	rBV5	296178	1461642	53.53%	4.252%
13	4.385	402	407	414	rBV7	1224	3180	0.12%	0.009%
14	4.659	442	452	466	rBV2	40404	122253	4.48%	0.356%
15	4.915	479	494	516	rBV	120909	488272	17.88%	1.420%
16	5.159	521	534	546	rVB4	4579	18147	0.66%	0.053%
17	5.415	560	576	595	rBV	200595	702288	25.72%	2.043%
18	5.739	626	629	630	rBV2	754	896	0.03%	0.003%
19	5.781	634	636	640	rVB3	815	904	0.03%	0.003%
20	5.921	654	659	660	rBV4	1788	2506	0.09%	0.007%
21	6.098	685	688	691	rVV3	460	780	0.03%	0.002%
22	6.446	737	745	754	rVB6	3633	11077	0.41%	0.032%
23	6.568	763	765	767	rBV3	396	522	0.02%	0.002%
24	7.074	839	848	853	rBV	51839	141996	5.20%	0.413%
25	7.165	854	863	881	rVB2	139276	426709	15.63%	1.241%
26	7.653	930	943	955	rBV3	285090	1006049	36.85%	2.926%
27	7.756	956	960	967	rVB7	4415	9532	0.35%	0.028%
28	7.952	980	992	1010	rBV	347751	934786	34.24%	2.719%
29	8.134	1019	1022	1026	rVB4	509	873	0.03%	0.003%
30	8.275	1033	1045	1047	rBV	499256	1113554	40.78%	3.239%
31	8.317	1048	1052	1062	rVB	1000442	2142424	78.47%	6.232%
32	8.500	1080	1082	1085	rBV4	508	724	0.03%	0.002%
33	8.689	1110	1113	1119	rVB6	1014	1605	0.06%	0.005%
34	8.835	1128	1137	1152	rBV	422176	851432	31.18%	2.477%

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35	9.085	1169	1178	1193	rBV	770890	1529007	56.00%	4.448%
36	9.268	1199	1208	1226	rBV	325596	675510	24.74%	1.965%
37	9.439	1229	1236	1246	rVB	18951	38602	1.41%	0.112%
38	9.652	1266	1271	1278	rVB6	1587	3050	0.11%	0.009%
39	9.762	1282	1289	1295	rVV6	2433	5562	0.20%	0.016%
40	9.890	1304	1310	1317	rBV4	6716	14468	0.53%	0.042%
41	10.030	1321	1333	1348	rBV	181558	343337	12.57%	0.999%
42	10.213	1357	1363	1364	rBV4	1356	2035	0.07%	0.006%
43	10.250	1364	1369	1373	rVV2	4807	8421	0.31%	0.024%
44	10.323	1373	1381	1386	rVV	669965	1199945	43.95%	3.490%
45	10.384	1386	1391	1404	rVV	1576895	2730349	100.00%	7.942%
46	10.500	1408	1410	1416	rVB6	1084	1653	0.06%	0.005%
47	10.573	1416	1422	1430	rBV	115030	202522	7.42%	0.589%
48	10.701	1435	1443	1450	rBV	46144	83428	3.06%	0.243%
49	10.786	1450	1457	1463	rVV	247247	434090	15.90%	1.263%
50	10.860	1463	1469	1474	rVV	183554	320720	11.75%	0.933%
51	10.921	1474	1479	1492	rVB	193298	325364	11.92%	0.946%
52	11.061	1496	1502	1508	rBV	18783	33086	1.21%	0.096%
53	11.177	1516	1521	1528	rVB2	6457	11518	0.42%	0.034%
54	11.341	1542	1548	1552	rVV6	938	1831	0.07%	0.005%
55	11.402	1553	1558	1560	rVV3	3164	4883	0.18%	0.014%
56	11.439	1560	1564	1570	rVB2	8433	13753	0.50%	0.040%
57	11.634	1586	1596	1605	rBV2	608529	1541428	56.46%	4.484%
58	11.731	1605	1612	1623	rVB	867794	1417493	51.92%	4.123%
59	11.841	1623	1630	1640	rBV	1031775	1653557	60.56%	4.810%
60	11.939	1645	1646	1650	rBV4	637	584	0.02%	0.002%
61	12.164	1676	1683	1694	rBV2	953175	1834558	67.19%	5.336%
62	12.268	1698	1700	1706	rVB5	713	1137	0.04%	0.003%
63	12.347	1706	1713	1722	rVB	58775	103604	3.79%	0.301%
64	12.463	1724	1732	1742	rBV	756254	1183202	43.34%	3.442%
65	12.609	1749	1756	1762	rBV	60837	99196	3.63%	0.289%
66	12.695	1762	1770	1774	rBV2	254583	544741	19.95%	1.585%
67	12.743	1774	1778	1787	rVB	514130	880238	32.24%	2.560%
68	12.884	1799	1801	1803	rVB2	710	489	0.02%	0.001%
69	12.932	1804	1809	1818	rVB3	8441	15257	0.56%	0.044%
70	13.036	1819	1826	1830	rBV6	1591	3019	0.11%	0.009%
71	13.103	1830	1837	1844	rVB3	4864	8848	0.32%	0.026%

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72	13.194	1844	1852	1854	rBV2	3255	5642	0.21%	0.016%
73	13.249	1854	1861	1868	rBV	889276	1359298	49.78%	3.954%
74	13.408	1877	1887	1892	rBV5	6024	13741	0.50%	0.040%
75	13.499	1895	1902	1907	rVV	523958	848835	31.09%	2.469%
76	13.560	1907	1912	1931	rVB2	681818	1415723	51.85%	4.118%
77	13.761	1940	1945	1948	rBV4	3511	6168	0.23%	0.018%
78	13.853	1953	1960	1967	rBV	574807	930791	34.09%	2.708%
79	13.957	1974	1977	1981	rVB5	1709	2132	0.08%	0.006%
80	14.072	1990	1996	2009	rVB2	32285	54200	1.99%	0.158%
81	14.206	2013	2018	2021	rBV3	1813	2928	0.11%	0.009%
82	14.328	2031	2038	2043	rBV5	2899	6571	0.24%	0.019%
83	14.371	2043	2045	2051	rVB4	795	1016	0.04%	0.003%
84	14.627	2083	2087	2094	rVB5	4978	7887	0.29%	0.023%
85	14.688	2094	2097	2098	rBV3	489	505	0.02%	0.001%
86	14.725	2101	2103	2107	rVB4	1606	2117	0.08%	0.006%
87	14.932	2135	2137	2141	rVB4	663	913	0.03%	0.003%
88	15.017	2148	2151	2152	rBV3	514	550	0.02%	0.002%
89	15.133	2163	2170	2181	rBV	409836	682906	25.01%	1.986%
90	15.249	2186	2189	2191	rBV3	679	642	0.02%	0.002%
91	15.310	2197	2199	2200	rBV2	660	523	0.02%	0.002%
92	15.365	2202	2208	2213	rVV4	2418	6082	0.22%	0.018%
93	15.438	2215	2220	2226	rVV2	17448	30694	1.12%	0.089%
94	15.499	2226	2230	2232	rVV	3735	5727	0.21%	0.017%
95	15.560	2232	2240	2250	rVV	511069	950882	34.83%	2.766%
96	15.773	2271	2275	2276	rVV4	880	1040	0.04%	0.003%
97	15.804	2276	2280	2284	rVB6	968	1739	0.06%	0.005%
98	16.188	2341	2343	2345	rVB3	801	535	0.02%	0.002%
99	16.377	2370	2374	2375	rBV3	887	903	0.03%	0.003%
100	16.767	2434	2438	2440	rVB3	538	740	0.03%	0.002%

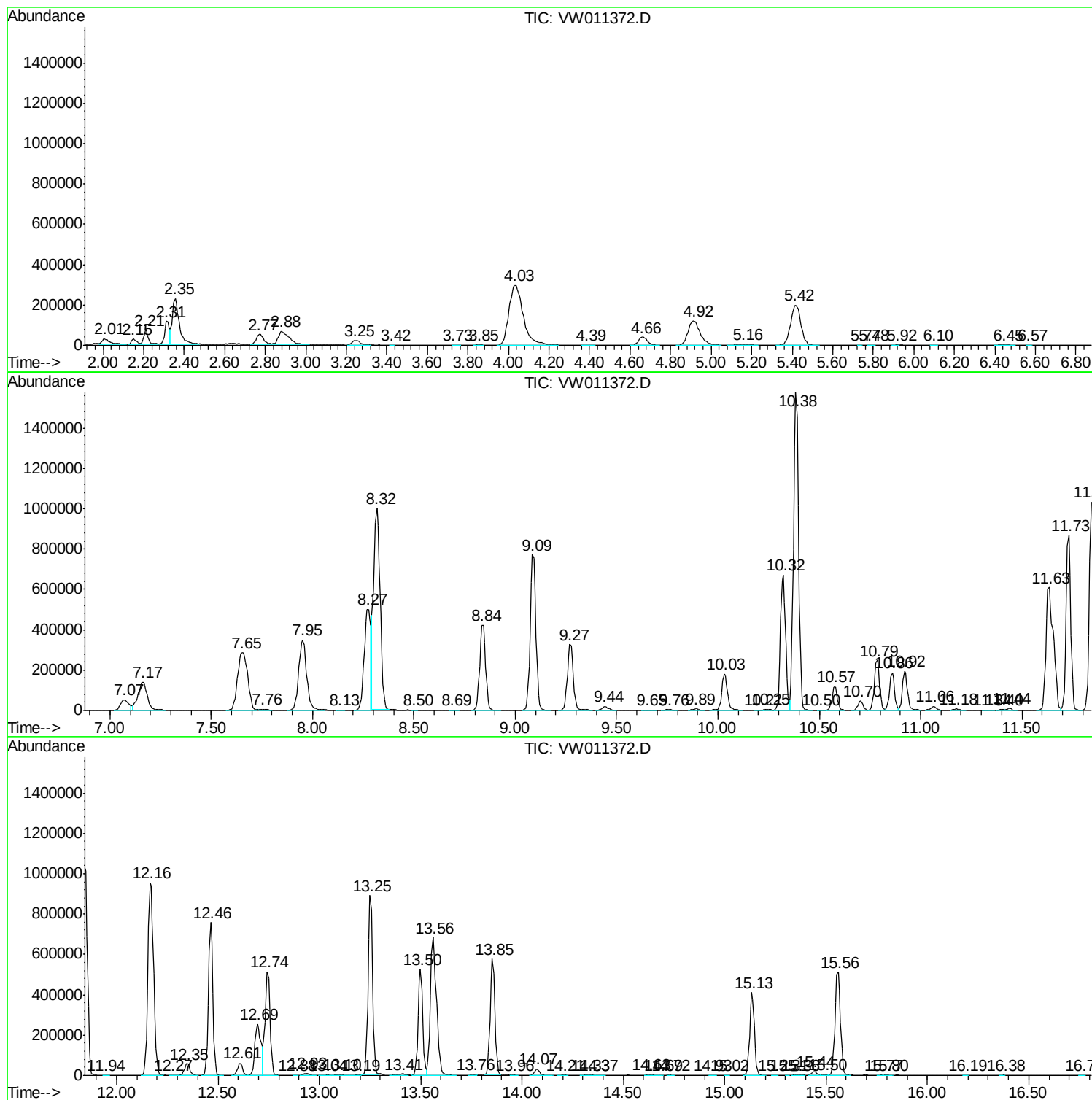
Sum of corrected areas: 34377846

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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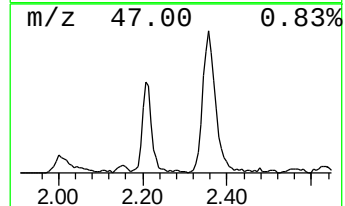
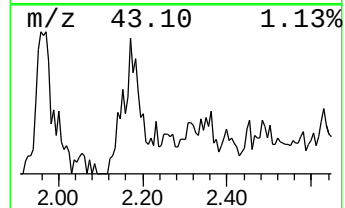
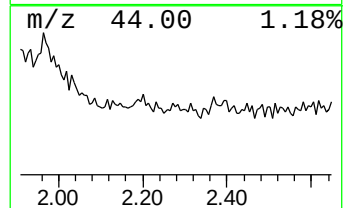
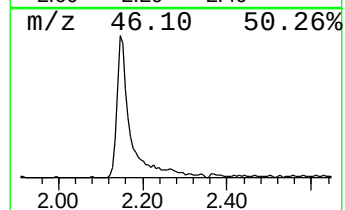
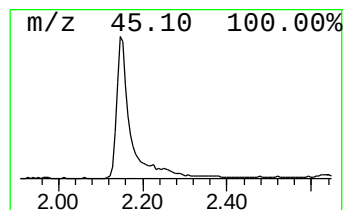
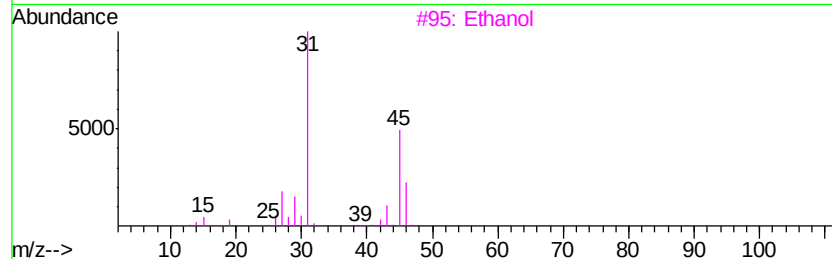
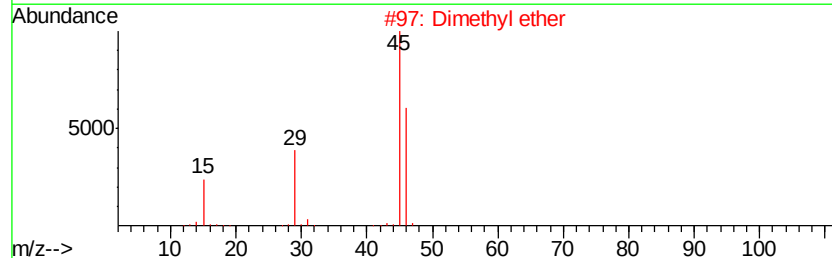
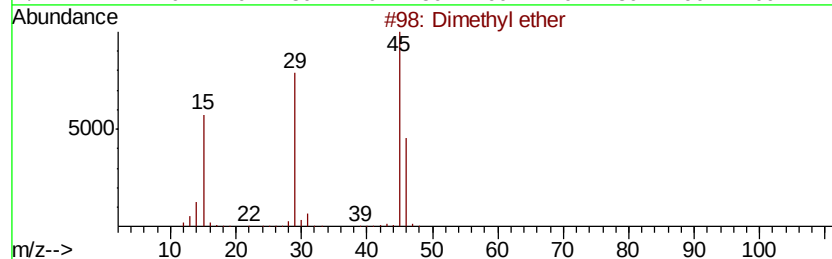
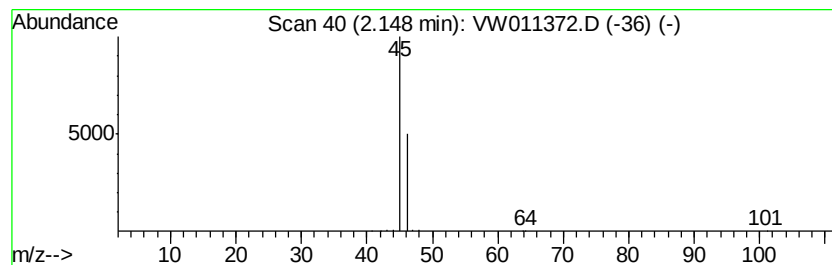
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.31 ug/L	44785	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	9
2		Dimethyl ether	46	C2H6O	000115-10-6	5
3		Ethanol	46	C2H6O	000064-17-5	4
4		Ethanol	46	C2H6O	000064-17-5	4
5		Hydrazine, methyl-	46	CH6N2	000060-34-4	4



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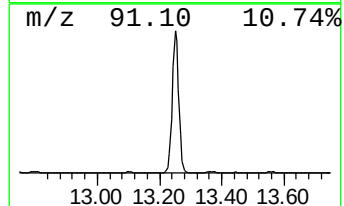
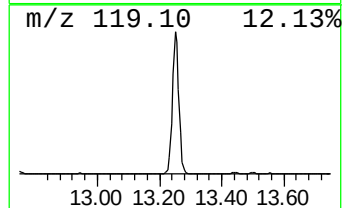
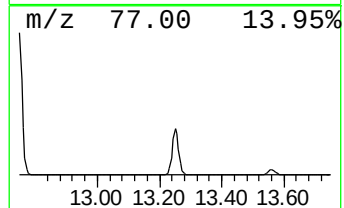
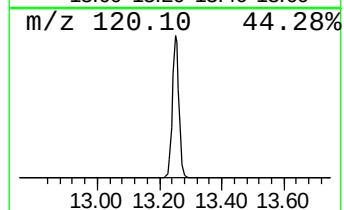
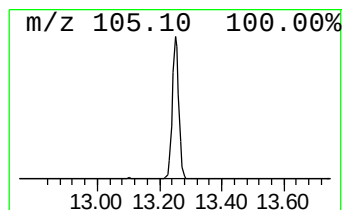
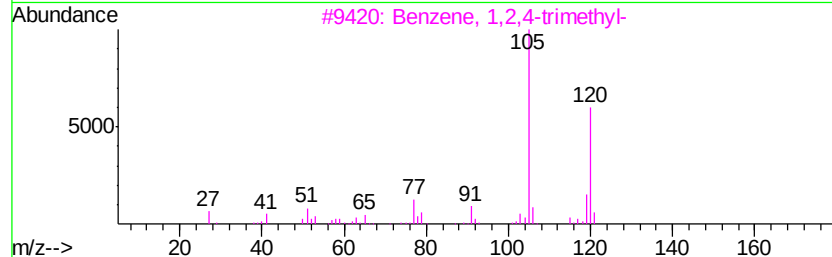
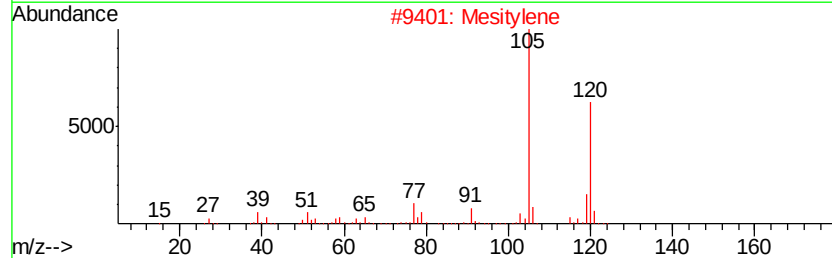
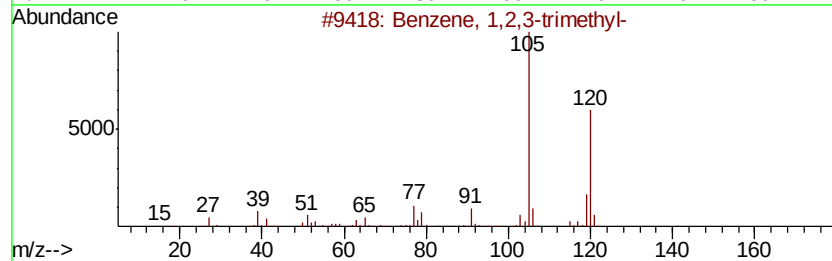
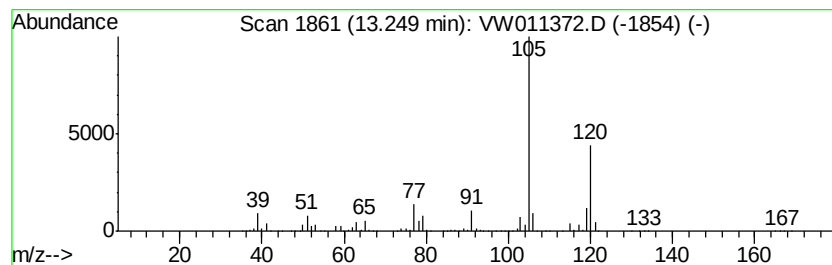
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	24.00 ug/L	1359300	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	95
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	94



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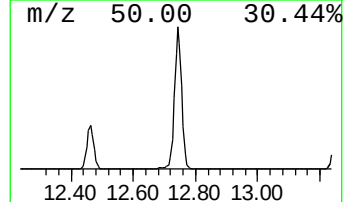
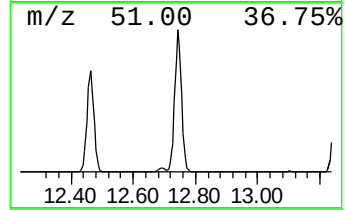
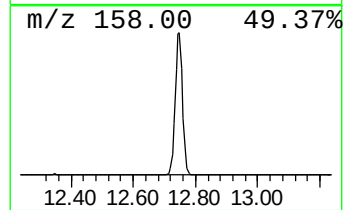
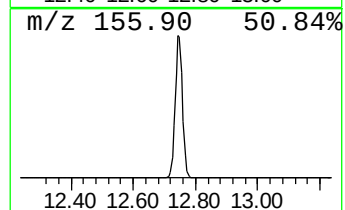
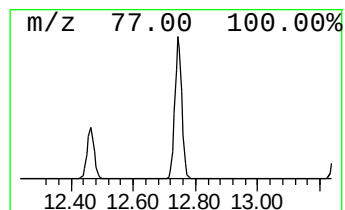
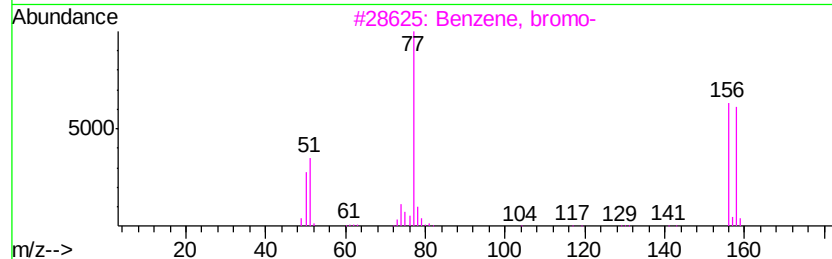
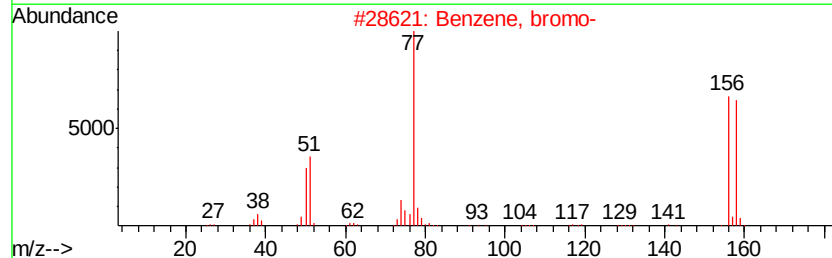
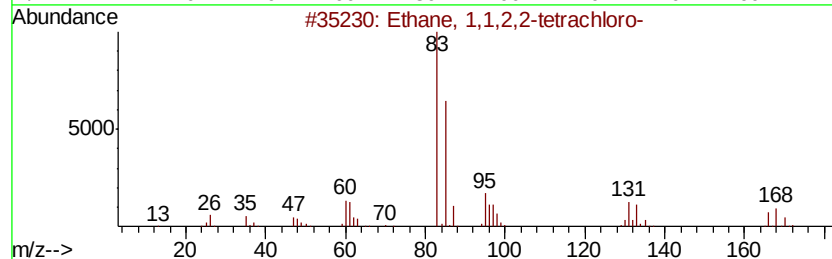
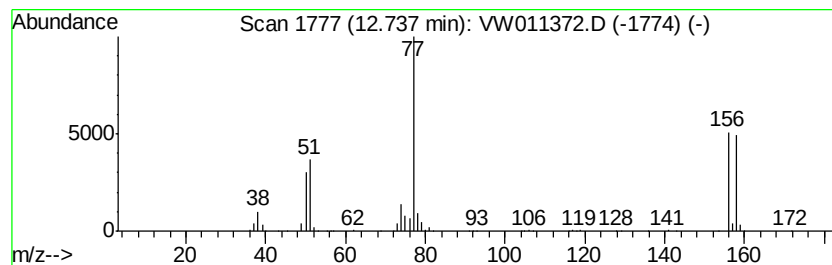
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, bromo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	15.54 ug/L	880238	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	94
2		Benzene, bromo-	156	C6H5Br	000108-86-1	90
3		Benzene, bromo-	156	C6H5Br	000108-86-1	90
4		Ethane, 1,1,2,2-tetrachloro-	166	C2H2Cl4	000079-34-5	89
5		Benzene, bromo-	156	C6H5Br	000108-86-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071919\
Data File : VW011372.D
Acq On : 19 Jul 2019 12:22
Operator : SY/VA
Sample : K3863-20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52S5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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	2.15	1.3	ug/L	44785	1	8.84	851432	25.0
Benzene, 1,2,4-tr...	13.25	24.0	ug/L	1359300	3	13.56	1415720	25.0
Benzene, bromo-	12.74	15.5	ug/L	880238	3	13.56	1415720	25.0