

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014232.D
 Acq On : 05 Dec 2019 23:39
 Operator : SY/VA
 Sample : K6149-16
 Misc : 5.98G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBT5

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\SOM2WLM120519S.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	1.959	5	9	22	rVB5	14716	39373	0.92%	0.137%
2	2.154	36	41	49	rBV	26013	66387	1.56%	0.230%
3	2.349	64	73	85	rBV	337154	624733	14.66%	2.166%
4	2.885	153	161	177	rBV	188481	473208	11.10%	1.641%
5	3.391	235	244	251	rVB4	6120	16517	0.39%	0.057%
6	4.019	333	347	358	rBV	410179	1327083	31.14%	4.601%
7	4.117	358	363	373	rVB	46608	128652	3.02%	0.446%
8	4.391	401	408	421	rVB4	6909	21244	0.50%	0.074%
9	4.915	482	494	509	rBV5	27587	121015	2.84%	0.420%
10	5.421	569	577	578	rBV7	4360	7840	0.18%	0.027%
11	5.927	650	660	661	rBV4	8175	13646	0.32%	0.047%
12	6.976	824	832	839	rBV7	5173	14276	0.33%	0.049%
13	7.074	839	848	853	rBV	98167	273547	6.42%	0.948%
14	7.135	853	858	873	rVB2	94959	306240	7.19%	1.062%
15	7.641	931	941	960	rVB	565581	1390448	32.63%	4.821%
16	7.951	981	992	999	rBV8	13788	43438	1.02%	0.151%
17	8.031	999	1005	1013	rVB6	6054	14325	0.34%	0.050%
18	8.153	1019	1025	1030	rBV5	6486	13961	0.33%	0.048%
19	8.275	1030	1045	1063	rBV4	1182000	4261725	100.00%	14.777%
20	8.494	1079	1081	1088	rVB7	6845	13777	0.32%	0.048%
21	8.567	1088	1093	1100	rVB9	7361	14859	0.35%	0.052%
22	8.689	1108	1113	1121	rVB6	7952	18743	0.44%	0.065%
23	8.842	1129	1138	1153	rBV	1071077	2116084	49.65%	7.337%
24	9.274	1196	1209	1215	rBV	788684	1603149	37.62%	5.559%
25	9.329	1215	1218	1225	rVB2	35112	67718	1.59%	0.235%
26	9.530	1244	1251	1258	rBV6	11045	27777	0.65%	0.096%
27	9.604	1258	1263	1267	rVB7	4610	10186	0.24%	0.035%
28	9.750	1281	1287	1294	rBV5	10932	22216	0.52%	0.077%
29	9.890	1301	1310	1315	rBV	15852	30843	0.72%	0.107%
30	9.957	1315	1321	1323	rBV5	4929	8190	0.19%	0.028%
31	10.030	1326	1333	1342	rBV	382805	676732	15.88%	2.346%
32	10.207	1357	1362	1366	rBV3	15207	30754	0.72%	0.107%
33	10.323	1373	1381	1390	rBV	1609111	2920594	68.53%	10.127%
34	10.488	1403	1408	1416	rVB5	15139	36168	0.85%	0.125%

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35	10.573	1416	1422	1430	rBV	251678	440875	10.34%	1.529%
36	10.658	1431	1436	1439	rVV3	27539	49419	1.16%	0.171%
37	10.701	1439	1443	1449	rVV	98065	171184	4.02%	0.594%
38	10.762	1449	1453	1458	rVV4	15567	34885	0.82%	0.121%
39	10.841	1462	1466	1472	rVB7	10783	22172	0.52%	0.077%
40	10.920	1473	1479	1493	rBV	396456	713848	16.75%	2.475%
41	11.061	1494	1502	1507	rVV3	70066	131025	3.07%	0.454%
42	11.109	1507	1510	1512	rVV3	6096	7693	0.18%	0.027%
43	11.177	1512	1521	1525	rVV2	33167	61361	1.44%	0.213%
44	11.225	1525	1529	1534	rVV2	24775	43920	1.03%	0.152%
45	11.280	1535	1538	1542	rVV5	8703	12462	0.29%	0.043%
46	11.335	1543	1547	1552	rVV3	11662	21895	0.51%	0.076%
47	11.402	1555	1558	1559	rVV3	8306	11194	0.26%	0.039%
48	11.433	1559	1563	1570	rVB2	60876	110103	2.58%	0.382%
49	11.512	1570	1576	1579	rBV5	11604	22005	0.52%	0.076%
50	11.628	1587	1595	1607	rBV	1404534	2373261	55.69%	8.229%
51	11.725	1607	1611	1616	rVB2	37315	59801	1.40%	0.207%
52	11.835	1623	1629	1633	rBV	70544	142914	3.35%	0.496%
53	12.042	1658	1663	1670	rVB9	7684	20136	0.47%	0.070%
54	12.164	1670	1683	1693	rBV5	31487	121648	2.85%	0.422%
55	12.249	1695	1697	1701	rVB4	8765	10373	0.24%	0.036%
56	12.304	1701	1706	1707	rBV4	8674	12782	0.30%	0.044%
57	12.335	1707	1711	1716	rVV3	20145	41965	0.98%	0.146%
58	12.384	1716	1719	1723	rVV	14871	24197	0.57%	0.084%
59	12.463	1727	1732	1740	rVB3	19176	38280	0.90%	0.133%
60	12.609	1749	1756	1762	rVB	133145	231852	5.44%	0.804%
61	12.688	1762	1769	1777	rBV	582048	978503	22.96%	3.393%
62	12.798	1777	1787	1792	rVB2	26098	71975	1.69%	0.250%
63	12.865	1792	1798	1801	rBV	27899	50278	1.18%	0.174%
64	12.938	1804	1810	1816	rVB2	92604	179979	4.22%	0.624%
65	12.993	1816	1819	1822	rVB4	6413	8410	0.20%	0.029%
66	13.042	1822	1827	1830	rBV6	6064	8643	0.20%	0.030%
67	13.085	1830	1834	1835	rBV3	8773	12229	0.29%	0.042%
68	13.103	1835	1837	1843	rVB3	9176	12329	0.29%	0.043%
69	13.170	1843	1848	1849	rBV5	8497	11809	0.28%	0.041%
70	13.201	1850	1853	1856	rVB3	11778	13358	0.31%	0.046%
71	13.249	1856	1861	1865	rBV	107552	157566	3.70%	0.546%

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 Title : VOC Analysis

72	13.298	1865	1869	1873	rVB2	27870	42257	0.99%	0.147%
73	13.365	1875	1880	1881	rBV	16395	19597	0.46%	0.068%
74	13.444	1889	1893	1897	rBV5	8907	14143	0.33%	0.049%
75	13.493	1897	1901	1905	rVV3	11403	17451	0.41%	0.061%
76	13.554	1905	1911	1923	rVB	1106225	1893112	44.42%	6.564%
77	13.646	1923	1926	1931	rVB4	12000	17618	0.41%	0.061%
78	13.719	1933	1938	1940	rBV3	13634	22252	0.52%	0.077%
79	13.749	1940	1943	1947	rVV4	22925	41450	0.97%	0.144%
80	13.792	1947	1950	1953	rVV2	25218	39277	0.92%	0.136%
81	13.853	1953	1960	1972	rVV	1098369	1854045	43.50%	6.429%
82	13.944	1972	1975	1979	rVV3	12512	18091	0.42%	0.063%
83	14.017	1982	1987	1989	rVV6	10287	18168	0.43%	0.063%
84	14.066	1989	1995	2008	rVB2	60998	164015	3.85%	0.569%
85	14.200	2008	2017	2022	rBV4	31913	68264	1.60%	0.237%
86	14.261	2022	2027	2033	rVV4	68335	121390	2.85%	0.421%
87	14.334	2034	2039	2043	rVV5	22032	44427	1.04%	0.154%
88	14.414	2045	2052	2062	rVB	208246	369668	8.67%	1.282%
89	14.523	2062	2070	2075	rBV	155955	285829	6.71%	0.991%
90	14.578	2075	2079	2087	rVB2	39041	76378	1.79%	0.265%
91	14.725	2099	2103	2108	rVB6	8840	13684	0.32%	0.047%
92	14.792	2108	2114	2122	rBV4	13706	32408	0.76%	0.112%
93	15.005	2143	2149	2155	rVV2	27398	52867	1.24%	0.183%
94	15.072	2155	2160	2164	rVV2	27133	51109	1.20%	0.177%
95	15.133	2164	2170	2181	rVB2	30128	97405	2.29%	0.338%
96	15.273	2189	2193	2199	rVB9	5789	10419	0.24%	0.036%
97	15.432	2209	2219	2224	rBV3	61785	154530	3.63%	0.536%
98	15.487	2224	2228	2236	rVB4	24946	52703	1.24%	0.183%
99	15.621	2244	2250	2255	rBV4	7427	16369	0.38%	0.057%
100	15.688	2255	2261	2271	rBV5	15762	40144	0.94%	0.139%

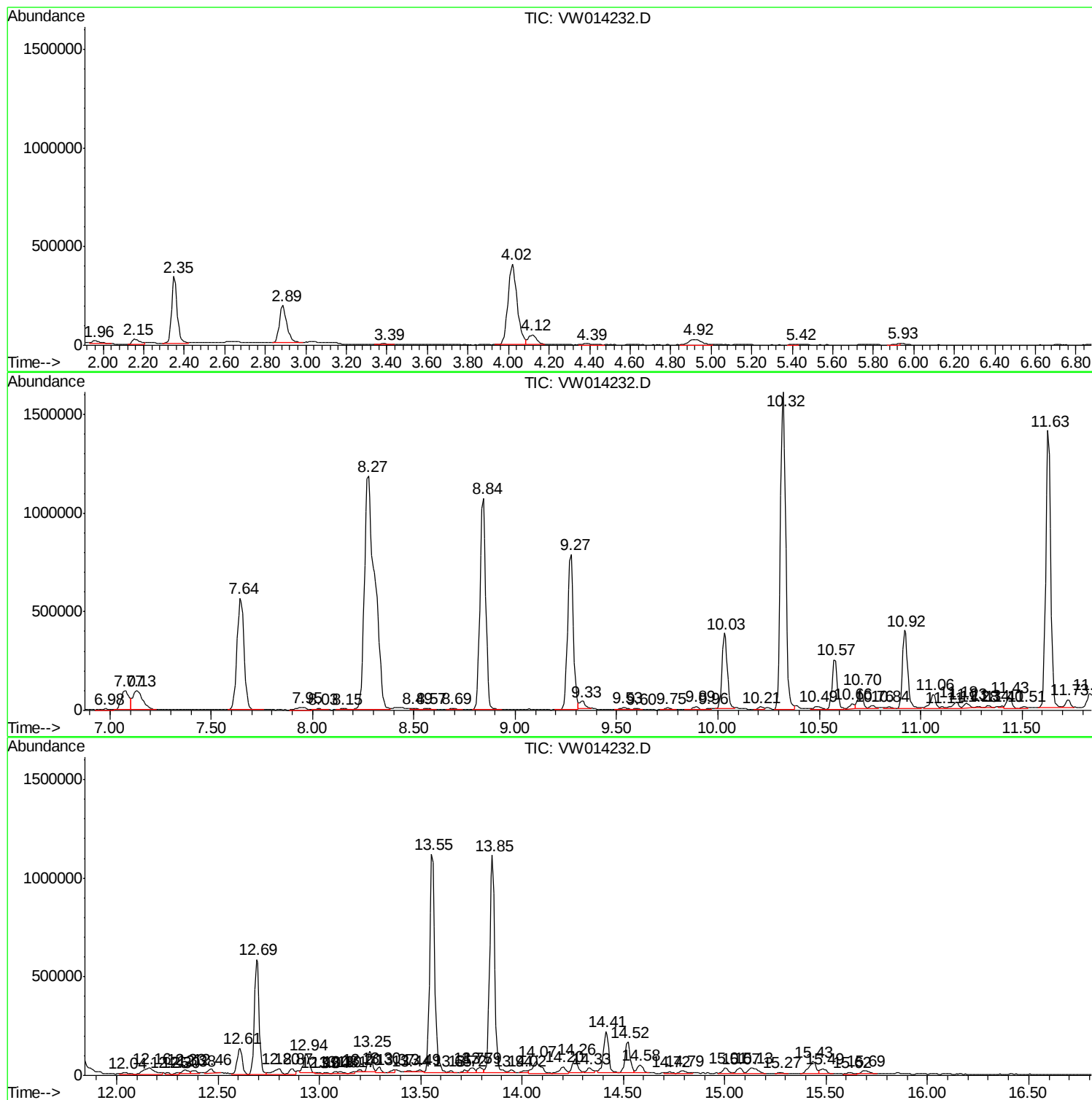
Sum of corrected areas: 28840847

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120519\
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Instrument :
MSVOA_W
ClientSampled :
DBBT5

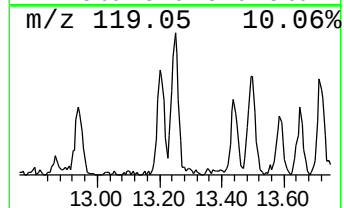
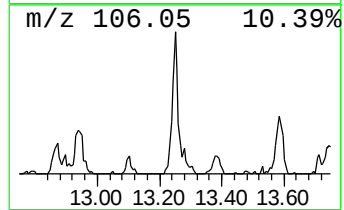
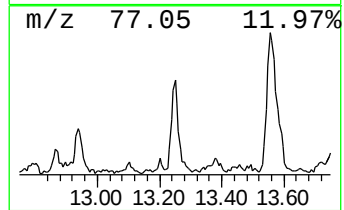
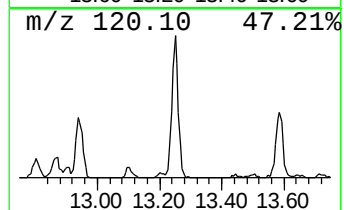
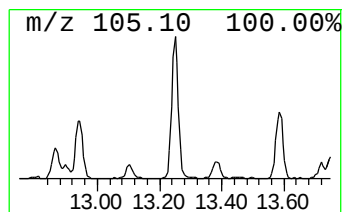
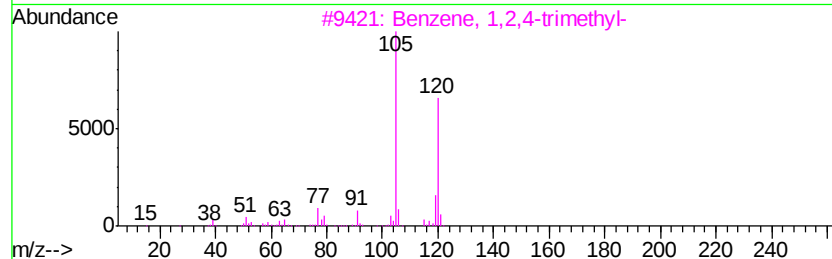
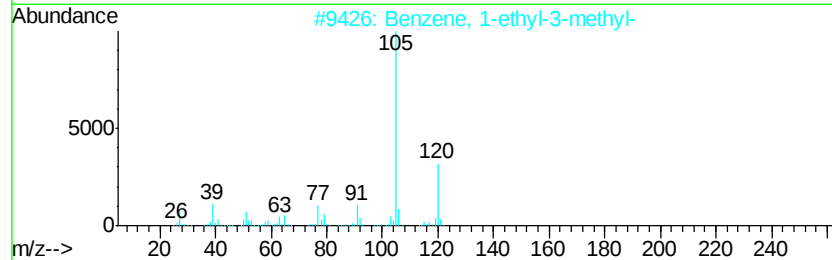
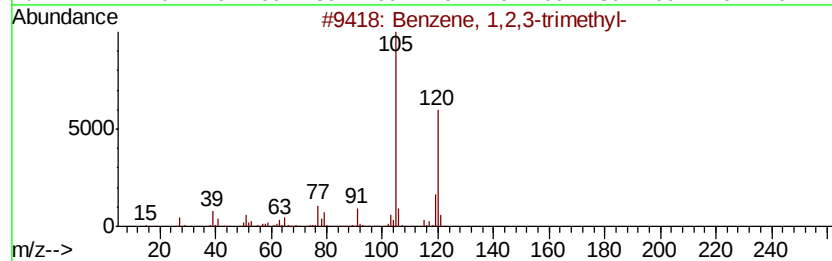
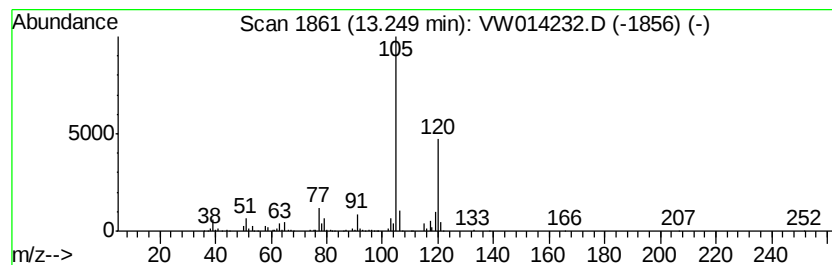
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.08 ug/L	157566	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Mesitylene	120	C9H12	000108-67-8	91



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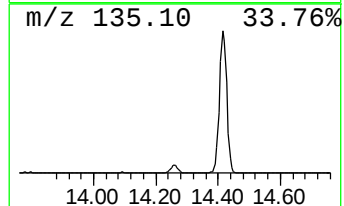
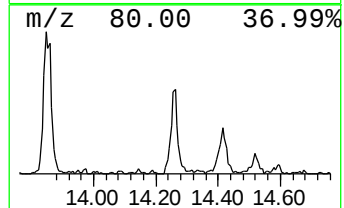
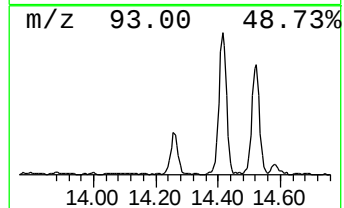
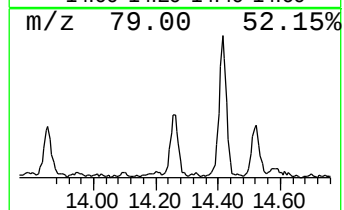
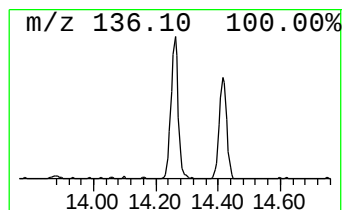
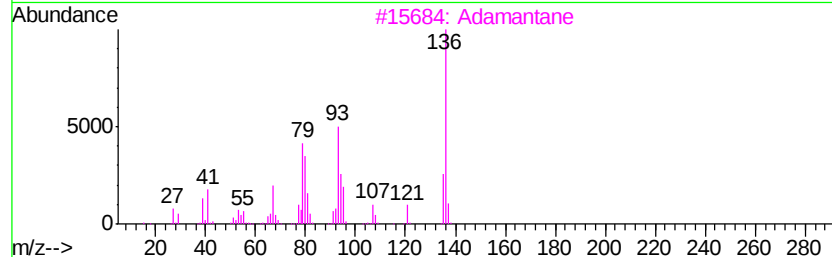
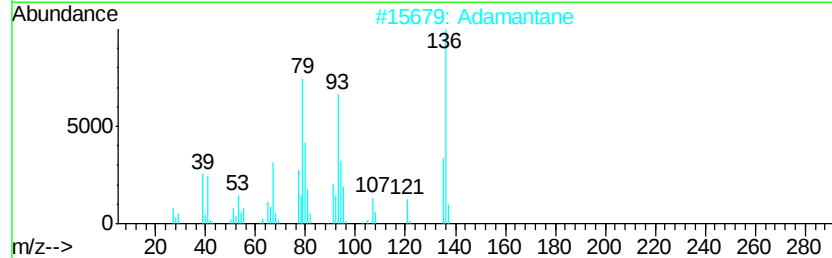
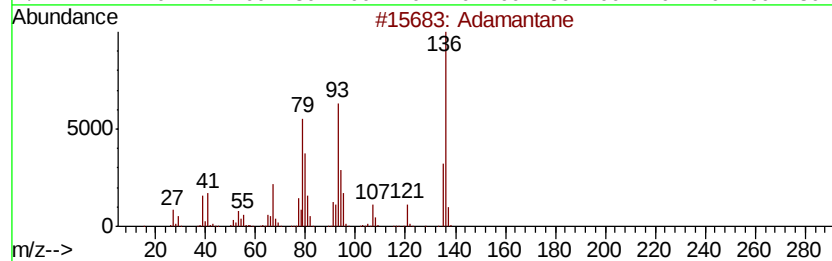
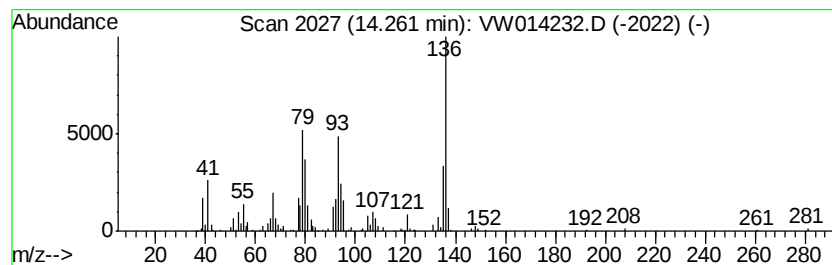
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 8 Adamantane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	1.60 ug/L	121390	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	98
2		Adamantane	136	C10H16	000281-23-2	96
3		Adamantane	136	C10H16	000281-23-2	95
4		3-Methylene-bicyclo[3.2.1]oct-6-...	136	C9H12O	1000193-00-0	68
5		Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	68



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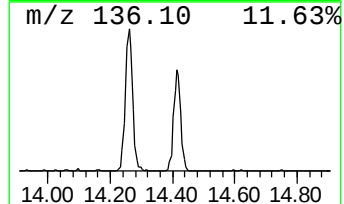
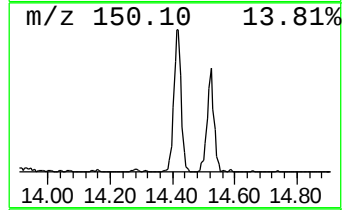
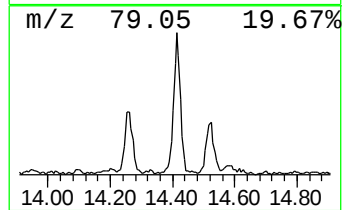
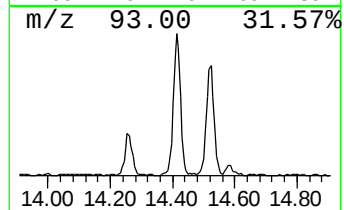
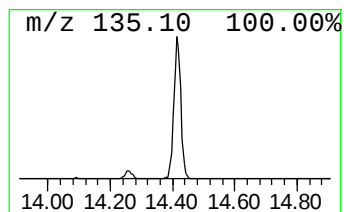
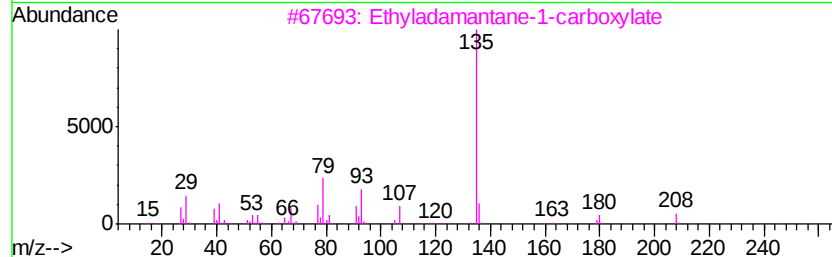
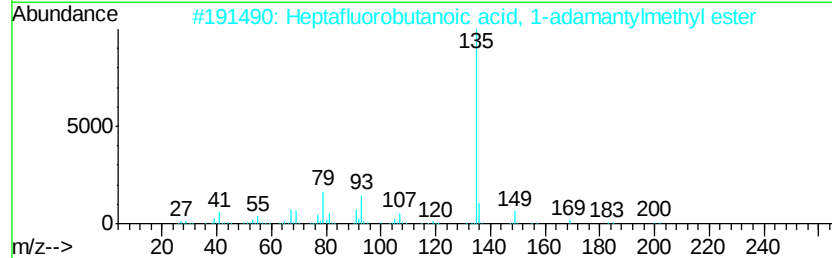
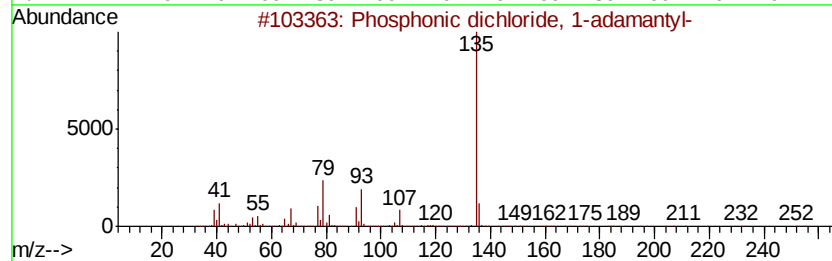
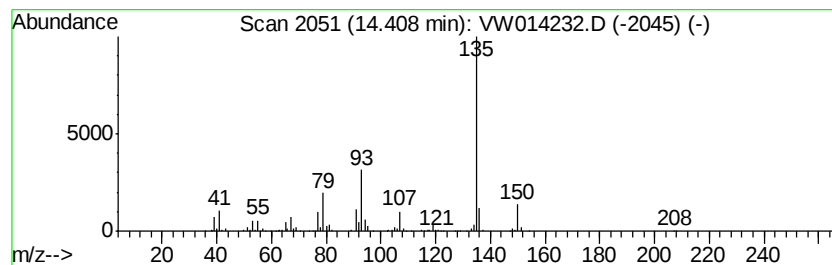
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 9 Phosphonic dichloride, 1-ad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	4.88 ug/L	369668	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	72
2		Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	72
3		Ethyladamantane-1-carboxylate	208	C13H20O2	002094-73-7	72
4		1-Bromoadamantane	214	C10H15Br	000768-90-1	72
5		1-Adamantanecarboxylic acid, 2-o...	292	C19H32O2	1000282-62-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120519\
Data File : VW014232.D
Acq On : 05 Dec 2019 23:39
Operator : SY/VA
Sample : K6149-16
Misc : 5.98G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBT5

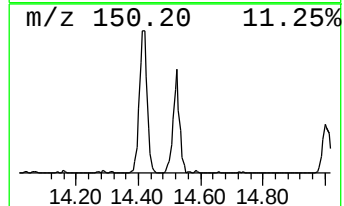
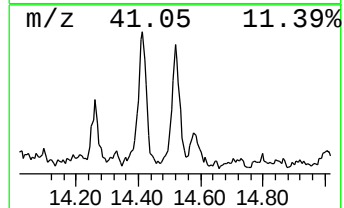
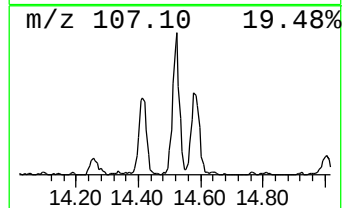
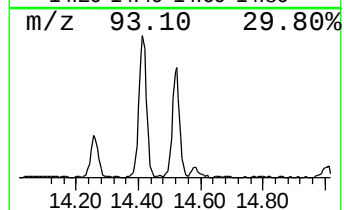
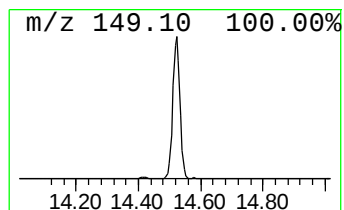
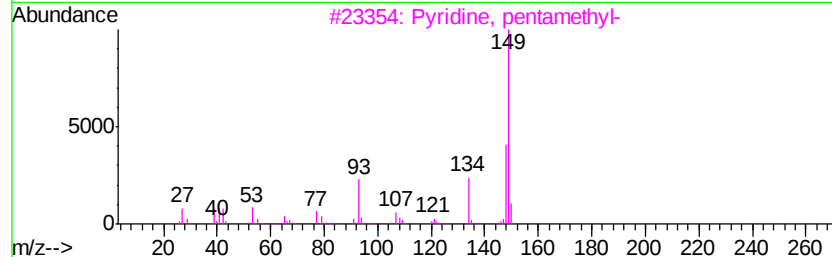
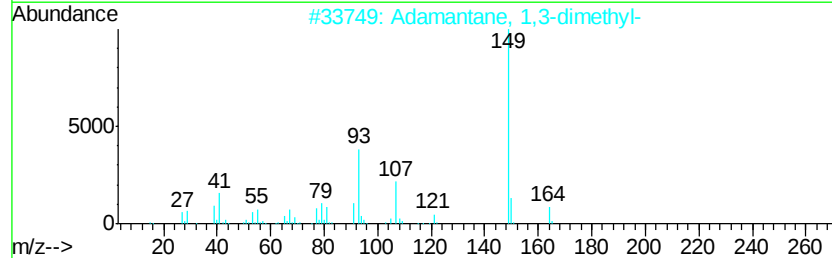
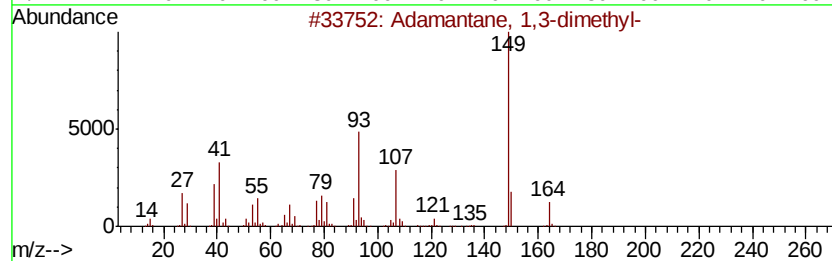
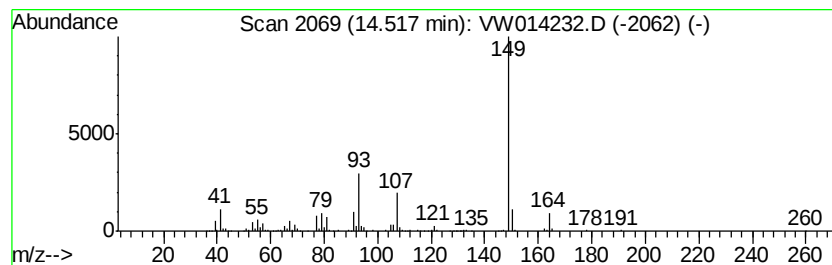
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Quant Title : VOC Analysis

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

Peak Number 10 Adamantane, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.77 ug/L	285829	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	91
2		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	76
3		Pvridine, pentamethyl-	149	C10H15N	003748-83-2	50
4		2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	50
5		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	39



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120519\
Data File : VW014232.D
Acq On : 05 Dec 2019 23:39
Operator : SY/VA
Sample : K6149-16
Misc : 5.98G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

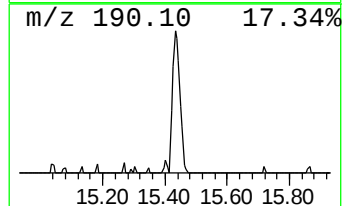
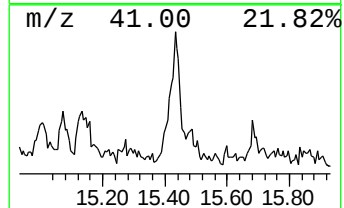
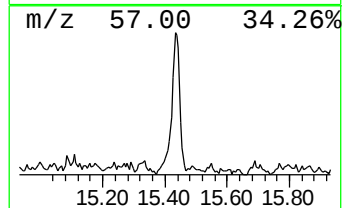
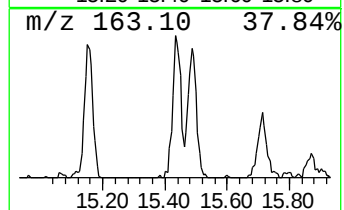
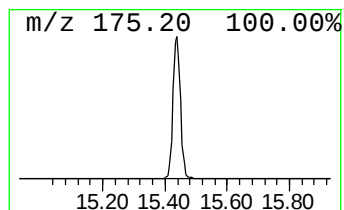
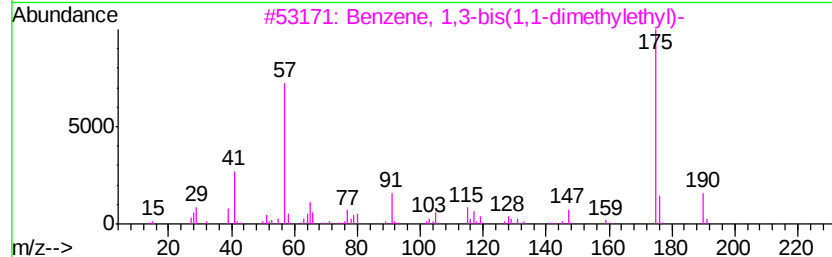
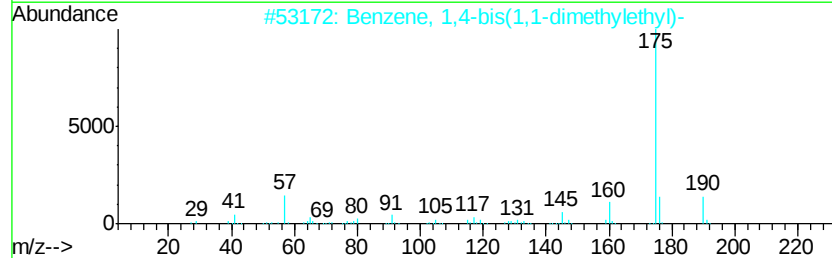
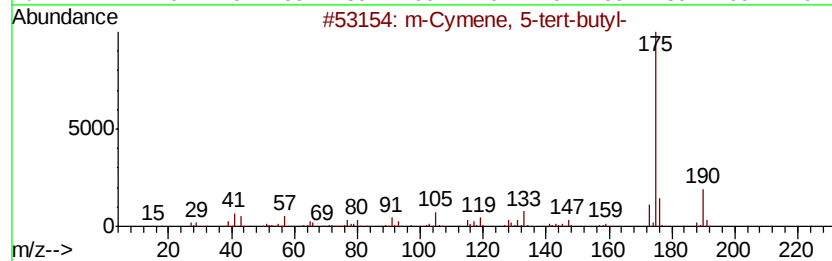
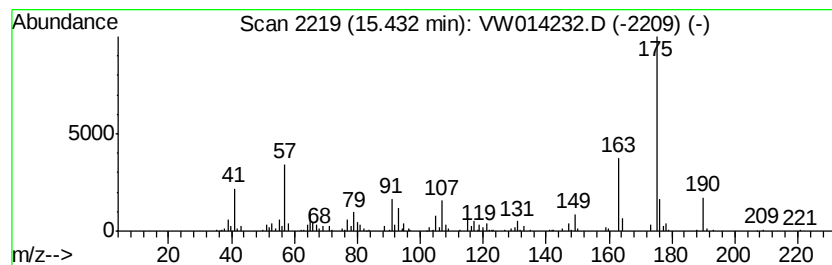
Instrument :
MSVOA_W
ClientSampleId :
DBBT5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 12 m-Cymene, 5-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.04 ug/L	154530	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	m-Cymene, 5-tert-butyl-	190 C14H22	029577-19-3	58
2	Benzene, 1,4-bis(1,1-dimethyleth...	190 C14H22	001012-72-2	58
3	Benzene, 1,3-bis(1,1-dimethyleth...	190 C14H22	001014-60-4	52
4	Benzenepropanal, 4-(1,1-dimethyl...	190 C13H18O	018127-01-0	52
5	Benzene, 1,4-bis(1,1-dimethyleth...	190 C14H22	001012-72-2	52



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120519\
Data File : VW014232.D
Acq On : 05 Dec 2019 23:39
Operator : SY/VA
Sample : K6149-16
Misc : 5.98G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBT5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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...	13.25	2.1	ug/L	157566	3	13.55	1893110	25.0
Adamantane	14.26	1.6	ug/L	121390	3	13.55	1893110	25.0
Phosphonic dichlo...	14.41	4.9	ug/L	369668	3	13.55	1893110	25.0
Adamantane, 1,3-d...	14.52	3.8	ug/L	285829	3	13.55	1893110	25.0
m-Cymene, 5-tert-...	15.43	2.0	ug/L	154530	3	13.55	1893110	25.0