

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014487.D
 Acq On : 28 Dec 2019 03:28
 Operator : SY/VA
 Sample : VIBLK21
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

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\SOM2WLM122719S.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	4	9	18	rBV4	8438	18933	0.43%	0.050%
2	2.154	36	41	47	rBV4	10836	25549	0.58%	0.068%
3	2.349	65	73	88	rBV	322330	620304	14.20%	1.649%
4	2.885	154	161	176	rVB	216235	546225	12.50%	1.452%
5	3.385	235	243	253	rVB2	13537	34940	0.80%	0.093%
6	4.019	334	347	361	rBV	486040	1558460	35.67%	4.143%
7	4.385	402	407	418	rVB4	3942	10737	0.25%	0.029%
8	4.915	483	494	507	rBV3	30673	126601	2.90%	0.337%
9	5.745	620	630	631	rBV3	8028	16588	0.38%	0.044%
10	5.934	652	661	671	rBV5	8384	24938	0.57%	0.066%
11	7.074	839	848	853	rBV	141780	406485	9.30%	1.081%
12	7.128	853	857	872	rVB	162425	445796	10.20%	1.185%
13	7.647	930	942	955	rBV	668308	1638372	37.50%	4.355%
14	7.933	980	989	990	rBV9	3466	7145	0.16%	0.019%
15	8.031	1004	1005	1014	rVB6	4040	6557	0.15%	0.017%
16	8.153	1019	1025	1032	rBV6	3441	7259	0.17%	0.019%
17	8.275	1032	1045	1063	rBV2	1473104	4369015	100.00%	11.615%
18	8.470	1072	1077	1089	rVB2	11155	29914	0.68%	0.080%
19	8.689	1109	1113	1118	rBV7	3717	6908	0.16%	0.018%
20	8.842	1126	1138	1150	rBV	1344666	2694018	61.66%	7.162%
21	9.079	1168	1177	1182	rVB9	4928	14118	0.32%	0.038%
22	9.268	1199	1208	1218	rBV	922178	1911686	43.76%	5.082%
23	9.665	1267	1273	1279	rVB9	2955	8900	0.20%	0.024%
24	9.756	1281	1288	1295	rBV2	23628	49440	1.13%	0.131%
25	9.890	1300	1310	1317	rBV2	47786	102224	2.34%	0.272%
26	10.030	1323	1333	1340	rBV	504095	904190	20.70%	2.404%
27	10.207	1356	1362	1365	rBV2	14505	27426	0.63%	0.073%
28	10.244	1365	1368	1373	rVV2	27900	47328	1.08%	0.126%
29	10.323	1373	1381	1389	rVV	2061176	3682338	84.28%	9.789%
30	10.384	1389	1391	1398	rVV2	11082	20298	0.46%	0.054%
31	10.500	1404	1410	1415	rVV7	6232	13137	0.30%	0.035%
32	10.573	1415	1422	1431	rVV	325662	565263	12.94%	1.503%
33	10.701	1434	1443	1450	rVV	175577	323485	7.40%	0.860%
34	10.774	1450	1455	1460	rVB5	7734	16247	0.37%	0.043%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014487.D
 Acq On : 28 Dec 2019 03:28
 Operator : SY/VA
 Sample : VIBLK21
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

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\SOM2WLM122719S.M
 Title : VOC Analysis

35	10.847	1460	1467	1472	rVB4	10035	19334	0.44%	0.051%
36	10.921	1472	1479	1490	rBV	547555	930684	21.30%	2.474%
37	11.061	1494	1502	1512	rVV	78761	157084	3.60%	0.418%
38	11.177	1515	1521	1527	rVV4	18551	33117	0.76%	0.088%
39	11.335	1543	1547	1551	rBV6	4773	8925	0.20%	0.024%
40	11.439	1551	1564	1571	rVB2	74434	164184	3.76%	0.436%
41	11.506	1571	1575	1580	rBV2	9984	15626	0.36%	0.042%
42	11.628	1585	1595	1604	rBV	1847273	3113945	71.27%	8.278%
43	11.689	1604	1605	1609	rVV	11368	13839	0.32%	0.037%
44	11.725	1609	1611	1620	rVB2	9333	14216	0.33%	0.038%
45	11.841	1620	1630	1633	rBV4	16245	34414	0.79%	0.091%
46	11.872	1633	1635	1640	rVB3	10335	11711	0.27%	0.031%
47	12.061	1662	1666	1670	rVB5	4392	6730	0.15%	0.018%
48	12.134	1674	1678	1680	rBV4	5525	8022	0.18%	0.021%
49	12.164	1680	1683	1692	rVB8	9915	19924	0.46%	0.053%
50	12.243	1692	1696	1702	rVB5	5583	9923	0.23%	0.026%
51	12.335	1704	1711	1714	rBV9	4672	9777	0.22%	0.026%
52	12.469	1728	1733	1736	rBV6	8521	13178	0.30%	0.035%
53	12.603	1747	1755	1761	rBV	197943	359135	8.22%	0.955%
54	12.688	1763	1769	1776	rVB	728673	1205069	27.58%	3.204%
55	12.804	1783	1788	1791	rBV3	7518	11940	0.27%	0.032%
56	12.865	1791	1798	1800	rBV2	27630	48567	1.11%	0.129%
57	12.932	1805	1809	1820	rVB3	54382	116273	2.66%	0.309%
58	13.103	1829	1837	1844	rBV3	19435	44876	1.03%	0.119%
59	13.188	1844	1851	1855	rBV3	10458	20951	0.48%	0.056%
60	13.249	1855	1861	1865	rBV	78842	129263	2.96%	0.344%
61	13.292	1865	1868	1878	rVB5	35202	68469	1.57%	0.182%
62	13.408	1883	1887	1890	rBV4	10893	14825	0.34%	0.039%
63	13.438	1890	1892	1895	rVB3	8987	10418	0.24%	0.028%
64	13.554	1905	1911	1930	rVB	1791984	3011232	68.92%	8.005%
65	13.719	1932	1938	1939	rBV2	42577	58232	1.33%	0.155%
66	13.749	1939	1943	1946	rVV	115647	196233	4.49%	0.522%
67	13.792	1946	1950	1954	rVV3	143973	278256	6.37%	0.740%
68	13.853	1954	1960	1967	rVV	1646541	2862643	65.52%	7.610%
69	13.944	1971	1975	1980	rVV	52499	93910	2.15%	0.250%
70	14.011	1980	1986	1988	rVV	84617	150006	3.43%	0.399%
71	14.036	1988	1990	1993	rVV	99733	143383	3.28%	0.381%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014487.D
 Acq On : 28 Dec 2019 03:28
 Operator : SY/VA
 Sample : VIBLK21
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK21

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\SOM2WLM122719S.M
 Title : VOC Analysis

72	14.097	1993	2000	2008	rVV3	160666	384179	8.79%	1.021%
73	14.200	2012	2017	2022	rVB4	47659	82917	1.90%	0.220%
74	14.267	2022	2028	2031	rBV7	10563	22820	0.52%	0.061%
75	14.335	2034	2039	2045	rVV3	37017	76963	1.76%	0.205%
76	14.414	2045	2052	2056	rVV	105882	204254	4.68%	0.543%
77	14.456	2056	2059	2062	rVV	147204	202648	4.64%	0.539%
78	14.499	2062	2066	2070	rVV2	94670	154138	3.53%	0.410%
79	14.536	2070	2072	2079	rVV2	41139	55533	1.27%	0.148%
80	14.603	2079	2083	2084	rVV	9475	11728	0.27%	0.031%
81	14.639	2085	2089	2093	rVV2	53077	73386	1.68%	0.195%
82	14.688	2093	2097	2099	rVV2	51644	83116	1.90%	0.221%
83	14.725	2099	2103	2108	rVB3	92284	162415	3.72%	0.432%
84	14.792	2108	2114	2121	rBV5	105104	250082	5.72%	0.665%
85	14.853	2121	2124	2130	rVB	54699	88821	2.03%	0.236%
86	14.981	2141	2145	2148	rBV3	10196	15664	0.36%	0.042%
87	15.066	2148	2159	2170	rVV3	145999	458672	10.50%	1.219%
88	15.170	2170	2176	2185	rVB2	104473	248665	5.69%	0.661%
89	15.322	2195	2201	2203	rBV5	27919	49248	1.13%	0.131%
90	15.365	2204	2208	2212	rVB2	44476	70689	1.62%	0.188%
91	15.438	2212	2220	2223	rBV	127374	259868	5.95%	0.691%
92	15.523	2230	2234	2236	rBV3	21056	32369	0.74%	0.086%
93	15.651	2249	2255	2264	rBV	100638	209057	4.78%	0.556%
94	15.822	2272	2283	2296	rBV5	55268	233657	5.35%	0.621%
95	15.950	2299	2304	2308	rVV	35959	66644	1.53%	0.177%
96	16.029	2309	2317	2330	rVB3	50666	158171	3.62%	0.420%
97	16.170	2334	2340	2346	rBV5	20301	47915	1.10%	0.127%
98	16.371	2362	2373	2379	rBV8	26897	82996	1.90%	0.221%
99	16.432	2379	2383	2387	rBV5	7928	12778	0.29%	0.034%
100	16.645	2410	2418	2424	rBV4	50141	127920	2.93%	0.340%

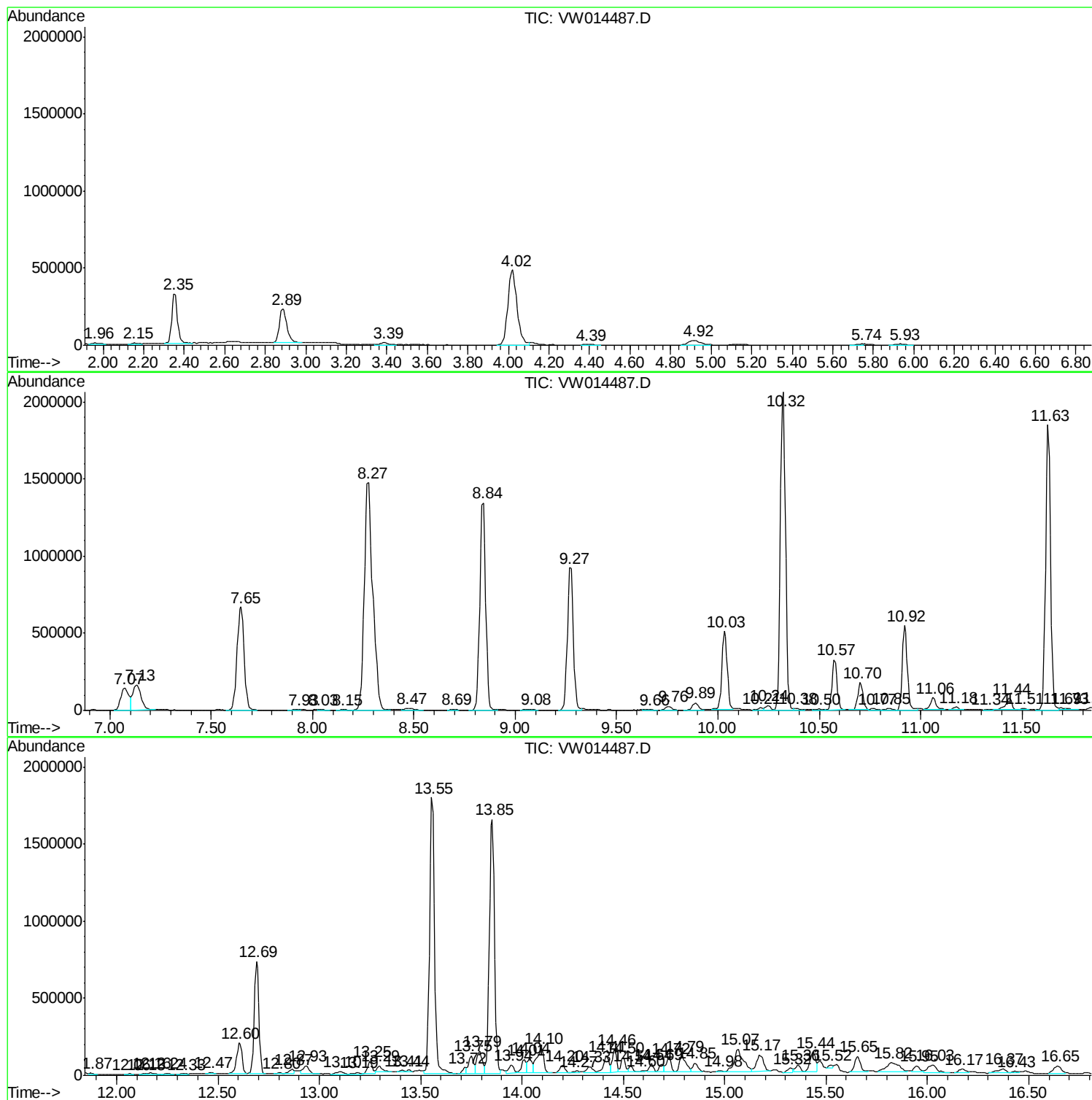
Sum of corrected areas: 37616451

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

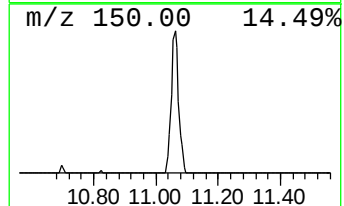
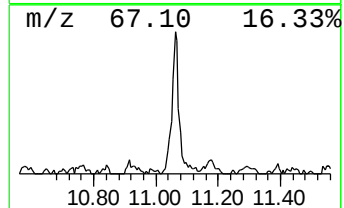
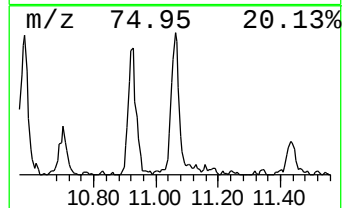
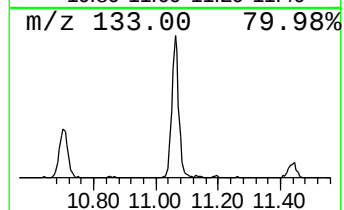
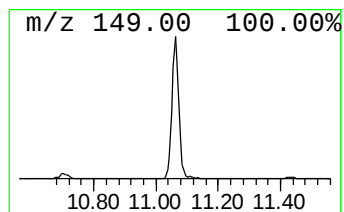
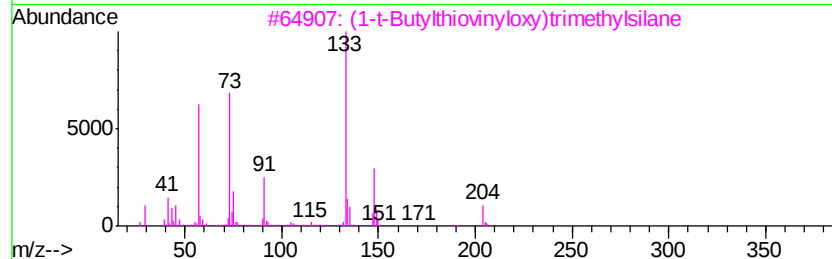
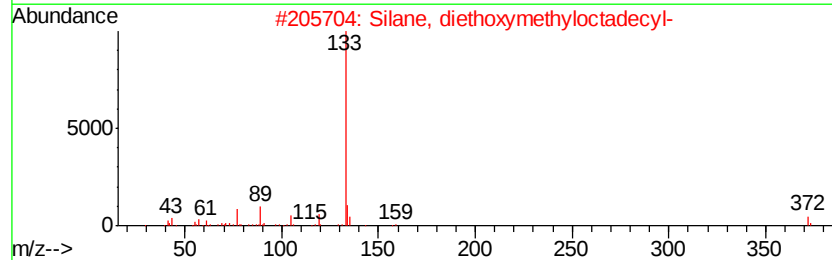
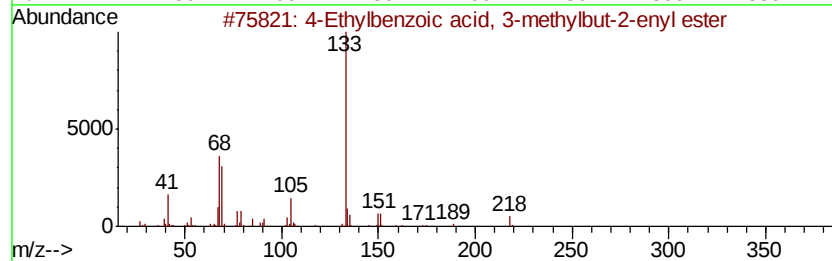
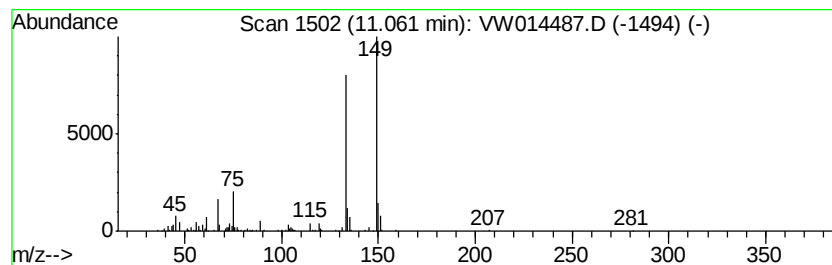
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	1.26 ug/L	157084	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	35
2		Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	35
3		(1-t-Butylthiovinloxy)trimethyl...	204	C9H20OSSi	063584-47-4	32
4		Ethyl mesitylacetate	206	C13H18O2	005460-08-2	27
5		2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

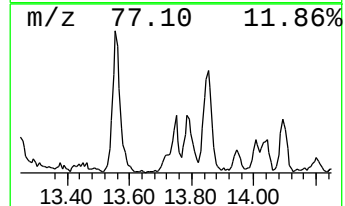
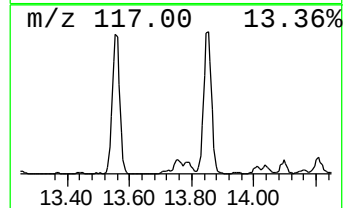
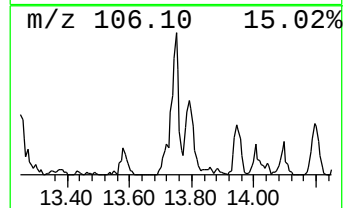
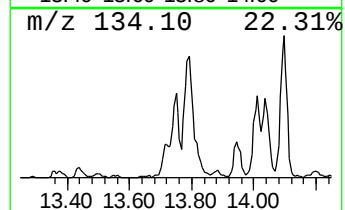
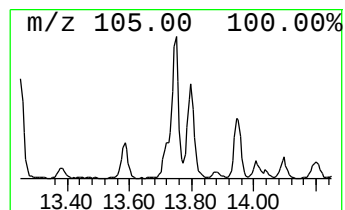
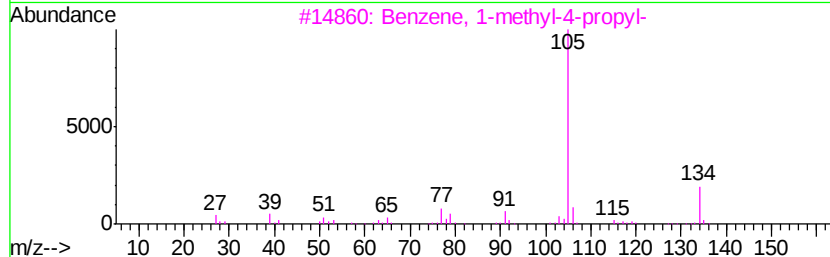
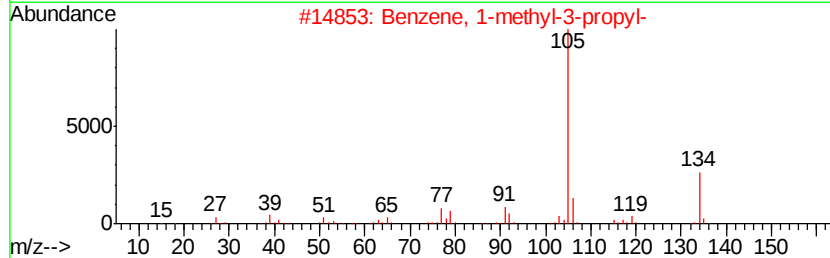
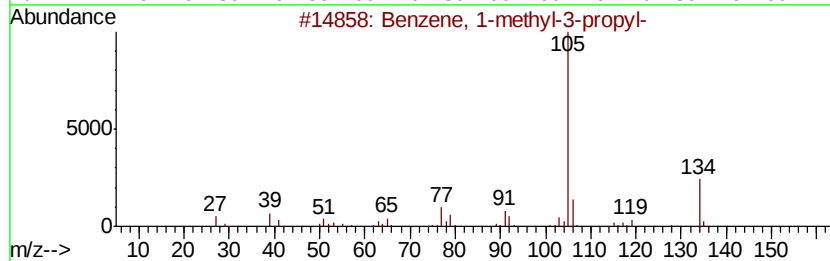
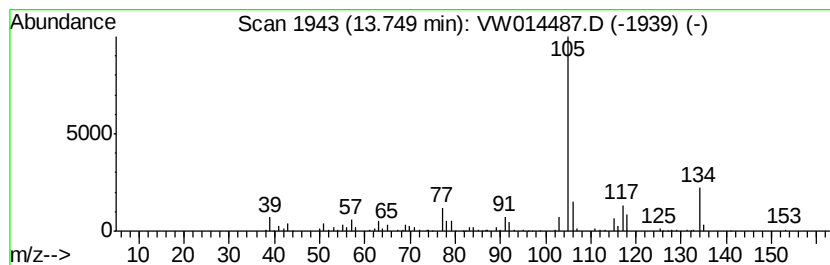
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	1.63 ug/L	196233	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

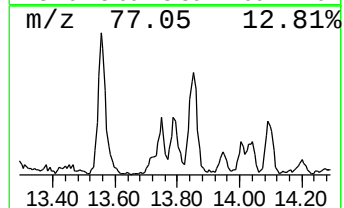
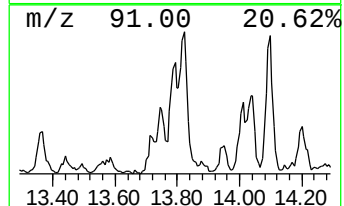
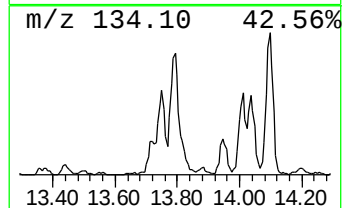
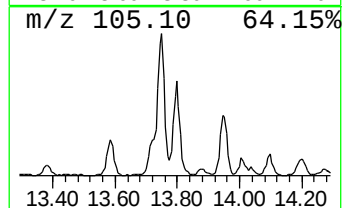
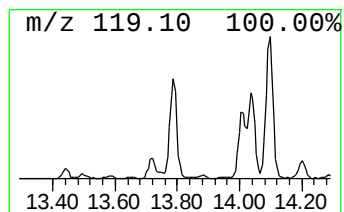
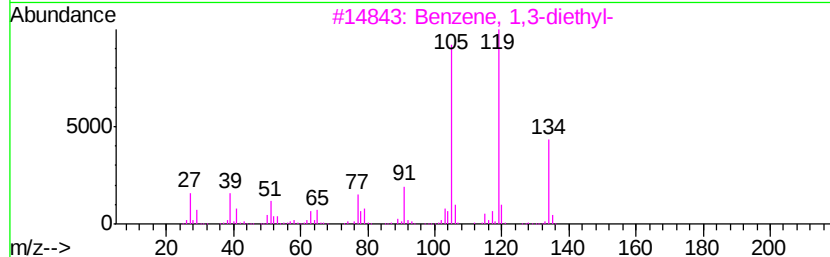
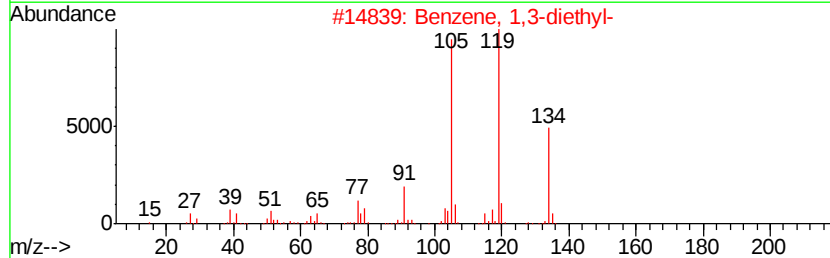
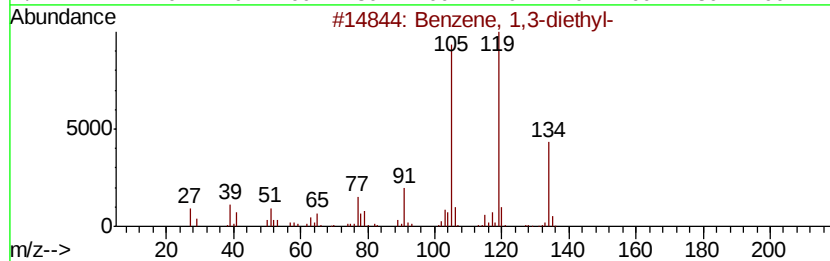
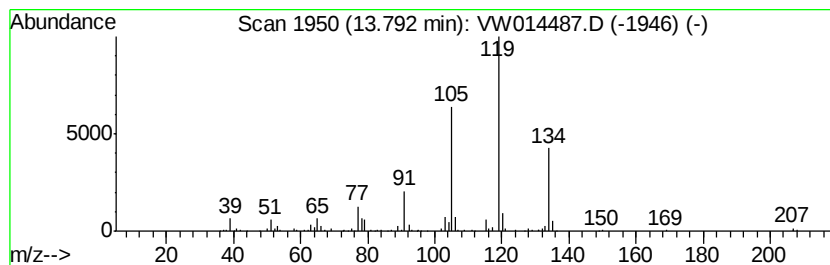
Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.31 ug/L	278256	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 94
2		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 94
3		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 91
4		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 91
5		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

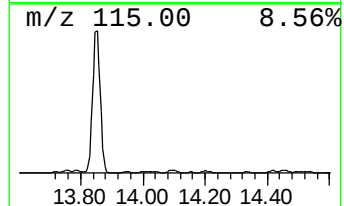
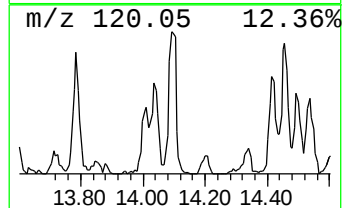
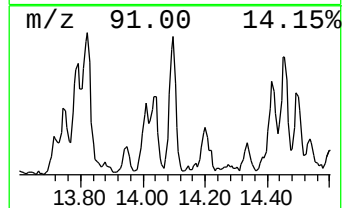
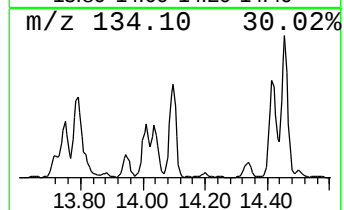
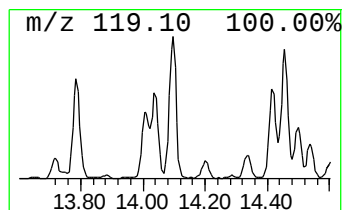
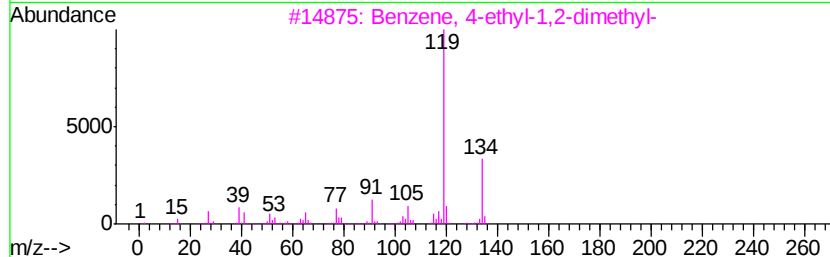
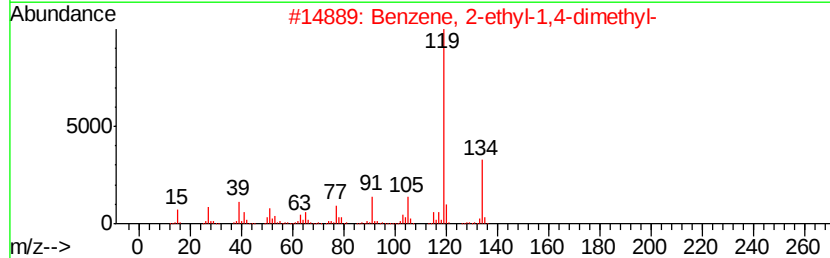
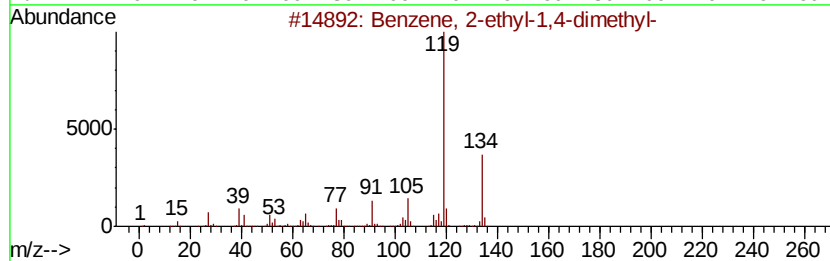
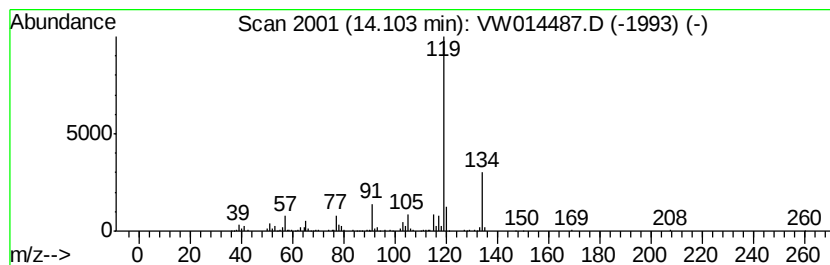
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	3.19 ug/L	384179	1,4-Dichlorobenzene-d4	13.55

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

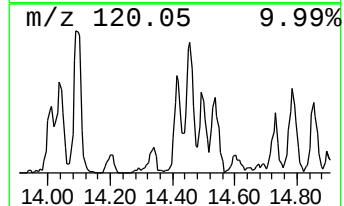
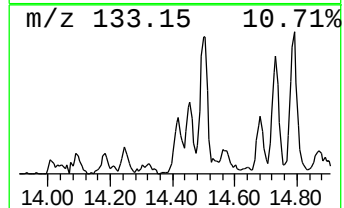
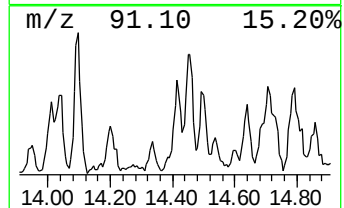
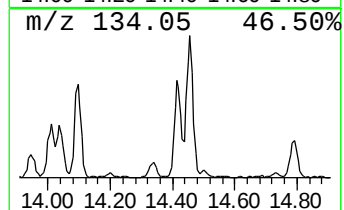
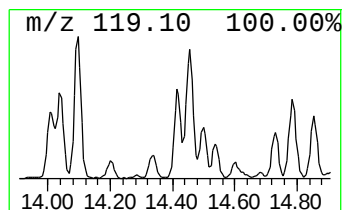
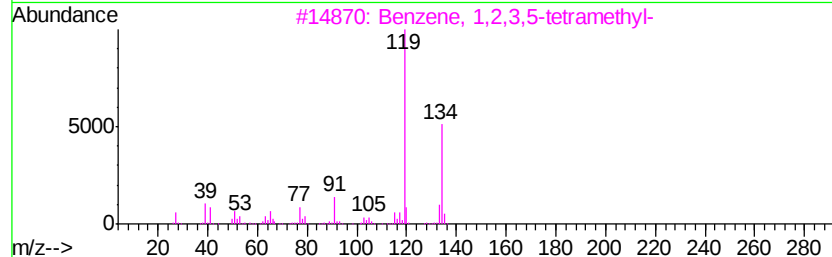
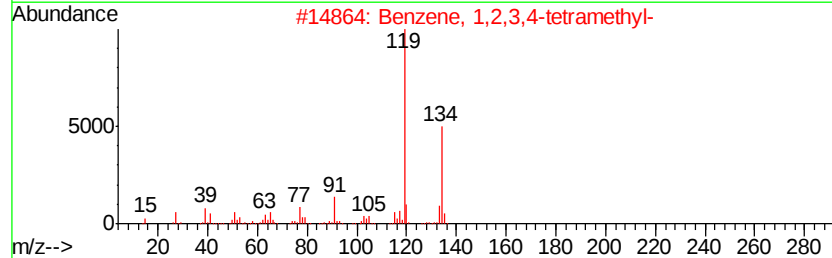
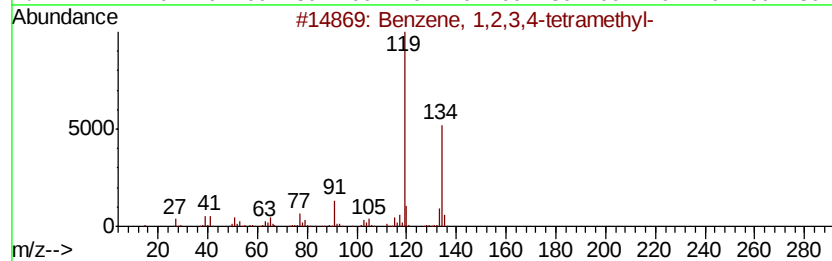
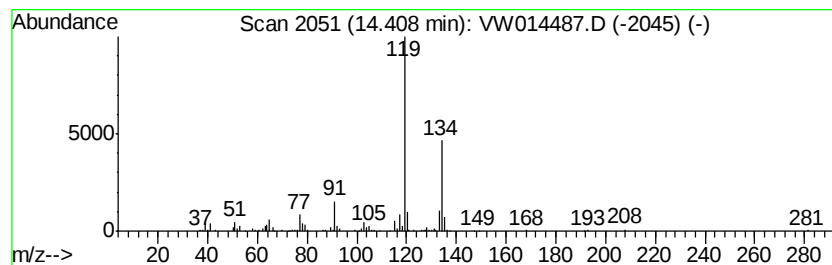
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	1.70 ug/L	204254	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

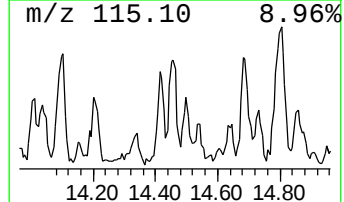
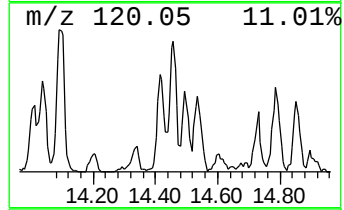
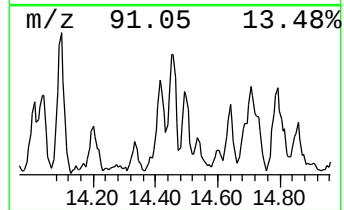
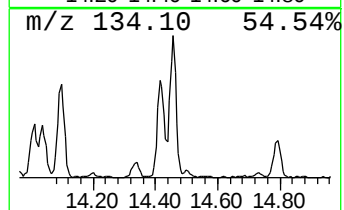
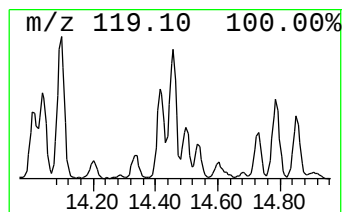
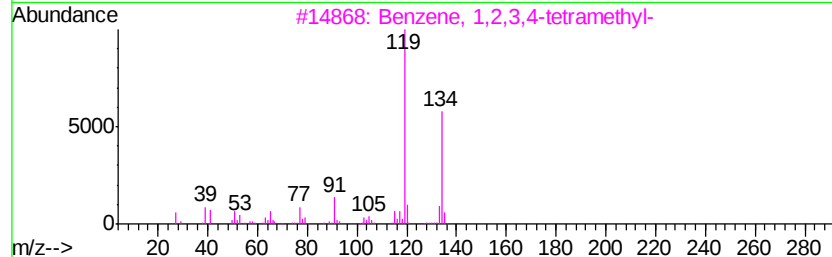
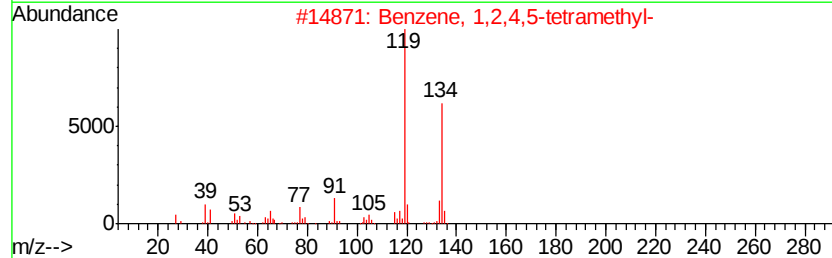
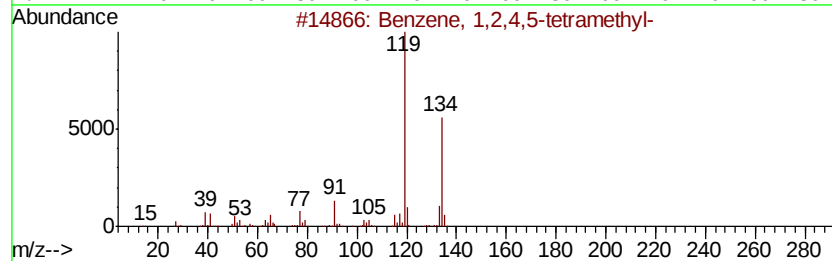
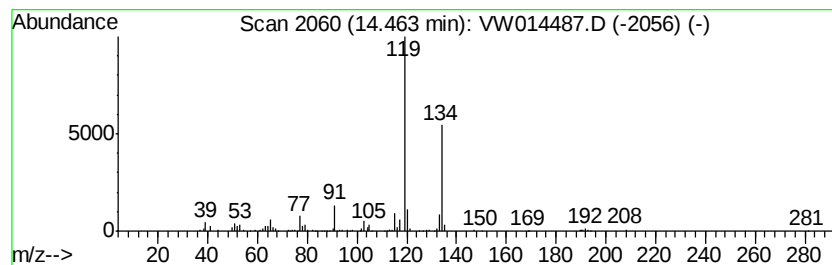
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	1.68 ug/L	202648	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

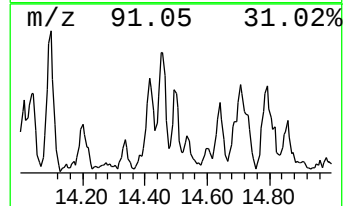
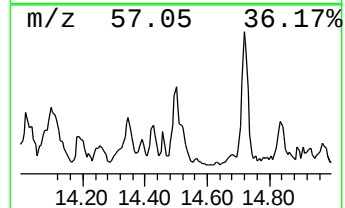
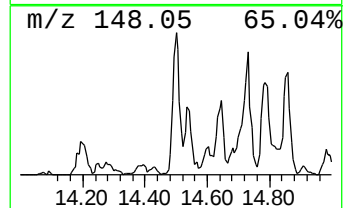
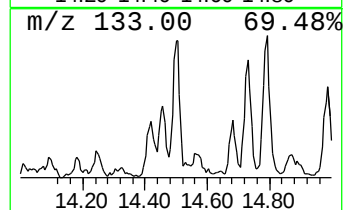
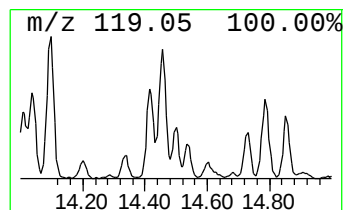
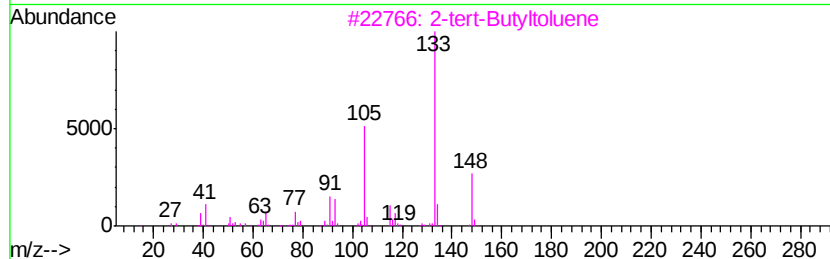
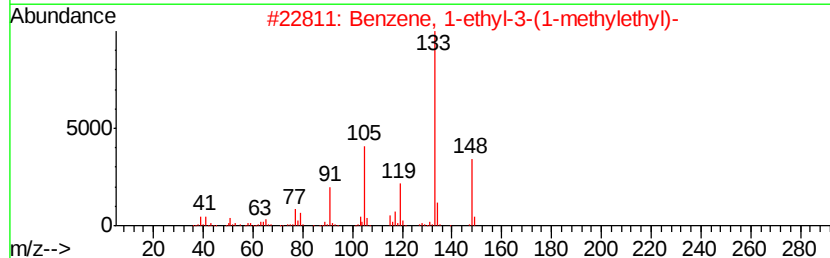
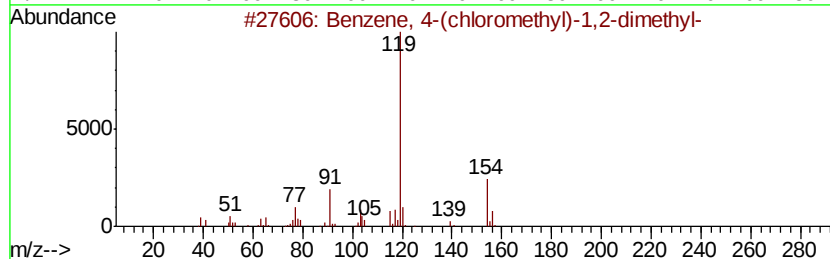
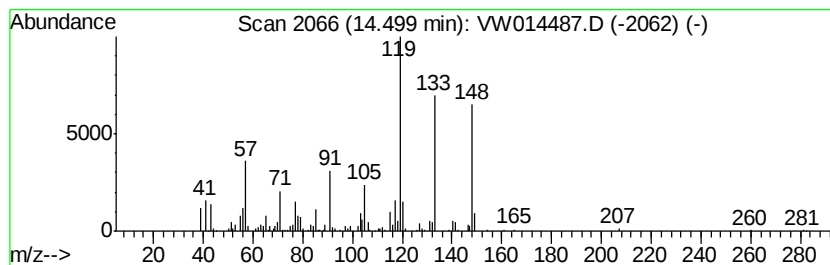
Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 12 unknown-02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.50	1.28 ug/L	154138	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	38
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	35
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

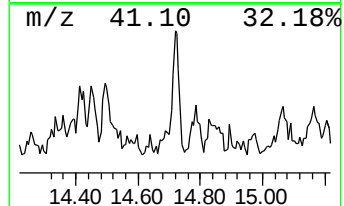
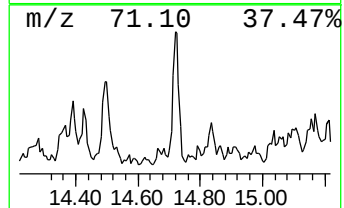
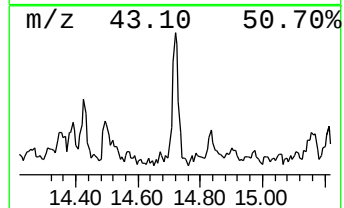
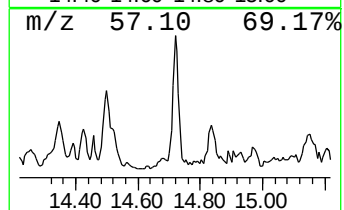
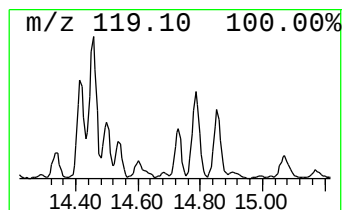
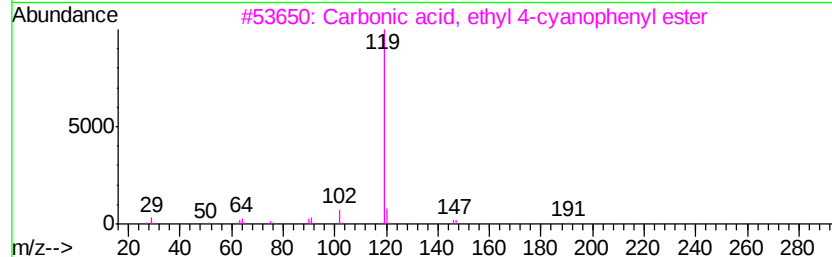
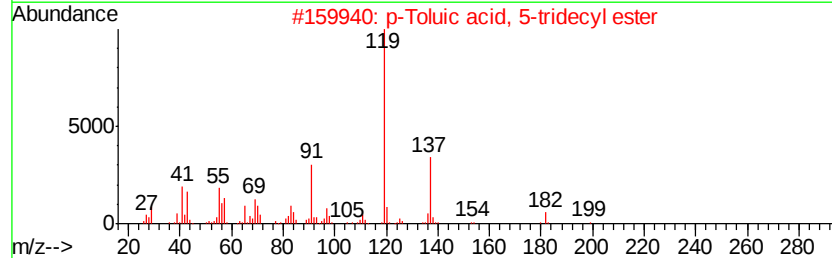
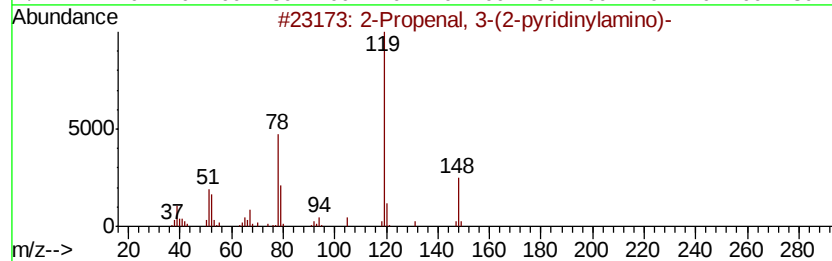
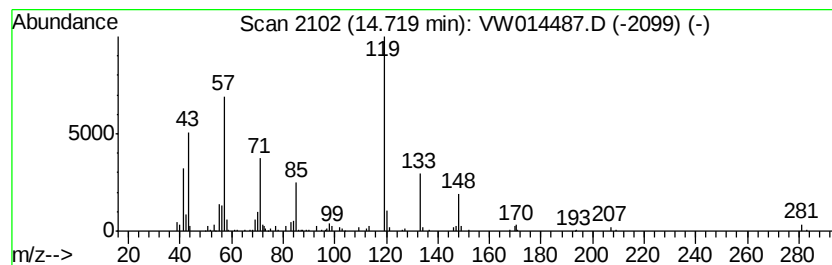
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 13 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	1.35 ug/L	162415	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenal, 3-(2-pyridinylamino)-	148	C8H8N2O	068970-82-1	43
2			p-Toluic acid, 5-tridecyl ester	318	C21H34O2	1000299-80-5	35
3			Carbonic acid, ethyl 4-cyanophenyl...	191	C10H9N03	1000357-92-1	35
4			p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	35
5			Carbonic acid, 2,2,2-trichloroet...	293	C10H6Cl3N03	1000357-90-3	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

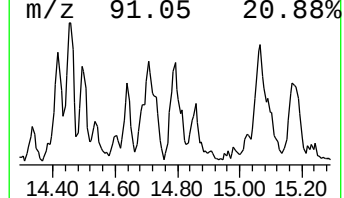
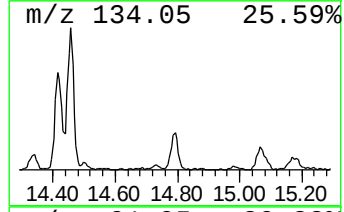
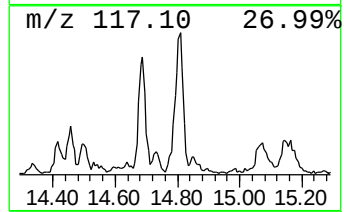
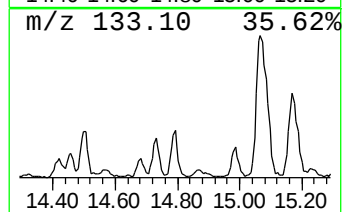
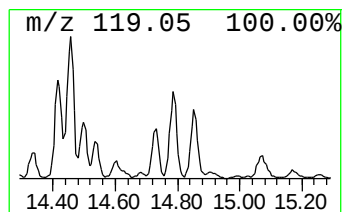
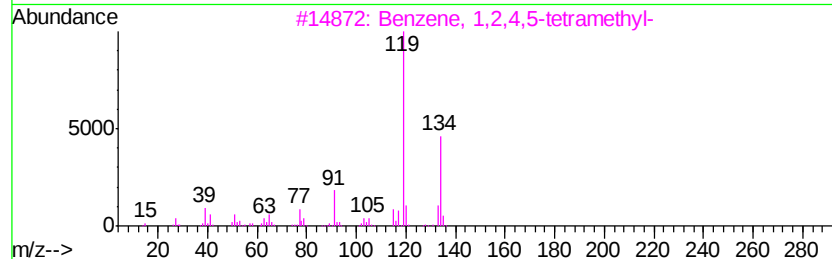
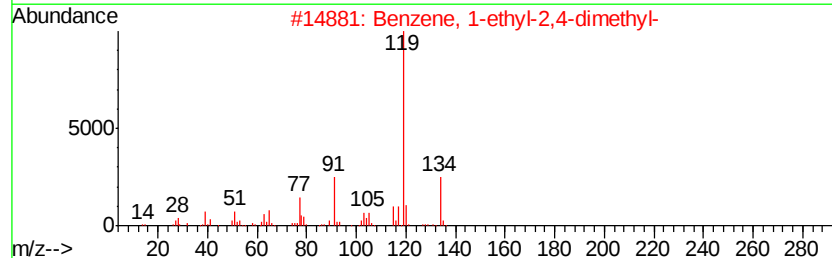
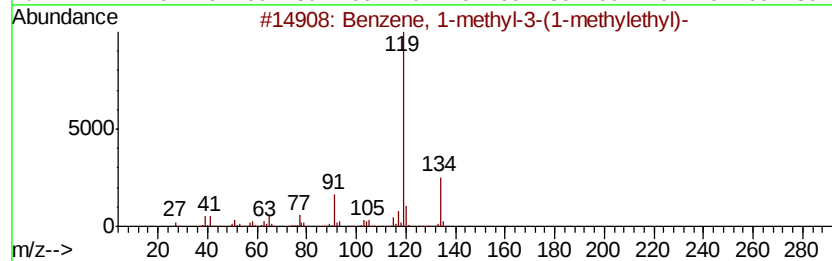
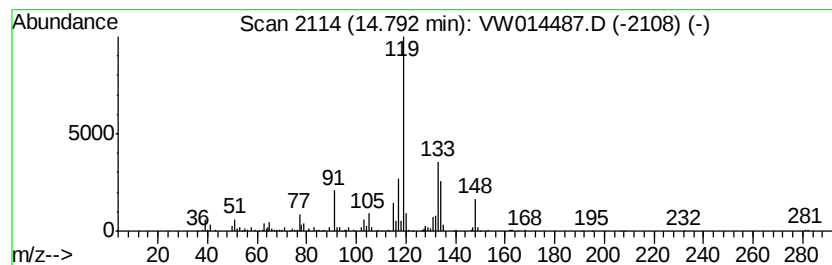
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-methyl-3-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.08 ug/L	250082	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
2		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5		p-Cymene	134	C10H14	000099-87-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

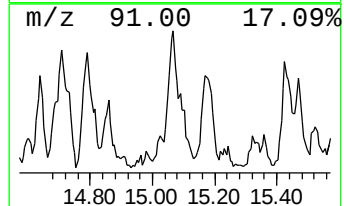
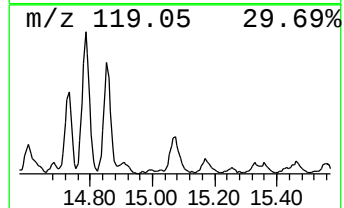
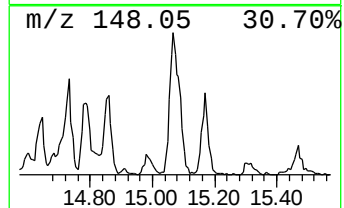
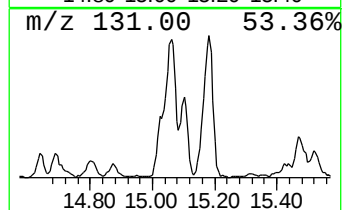
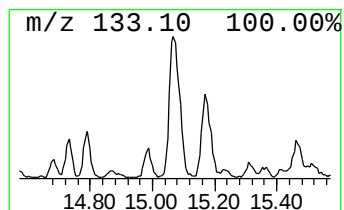
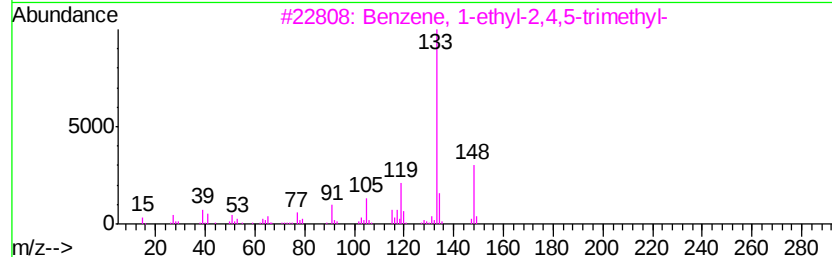
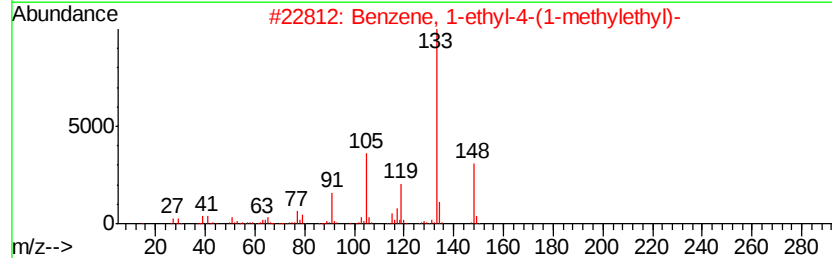
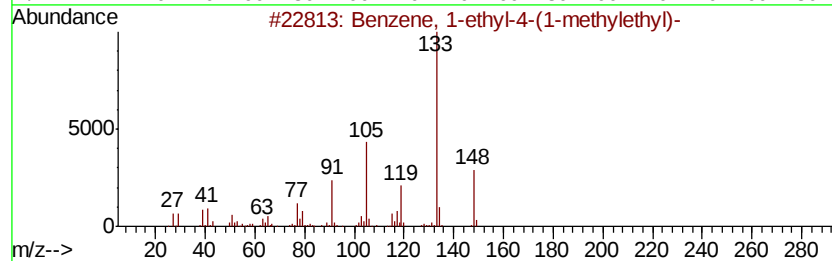
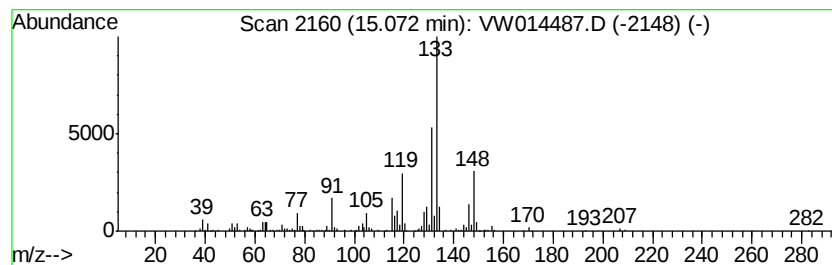
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	3.81 ug/L	458672	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	49
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	49
5		Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

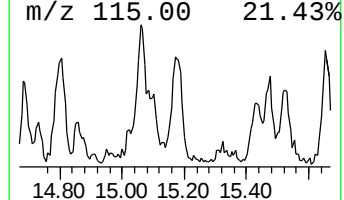
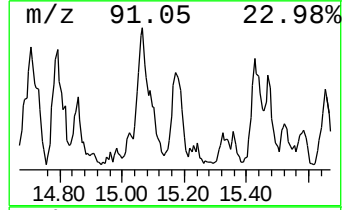
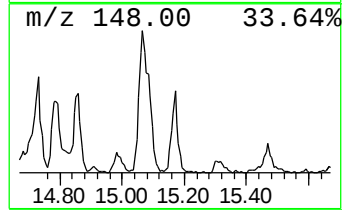
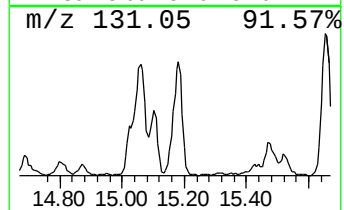
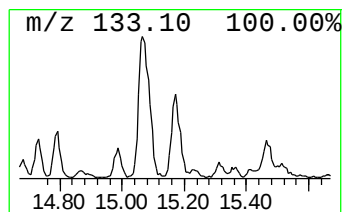
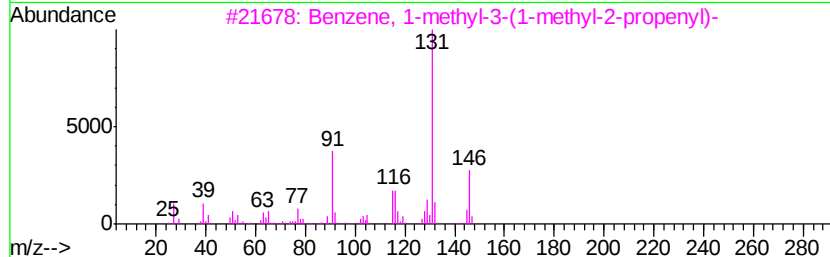
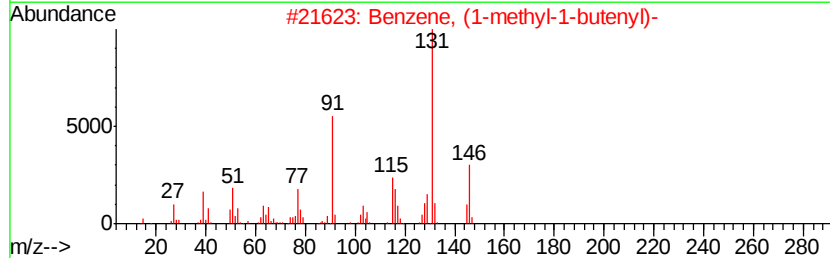
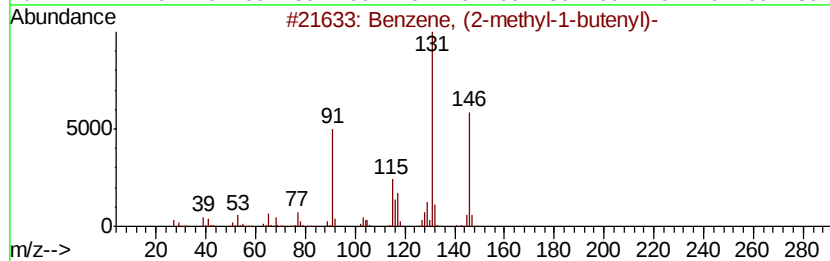
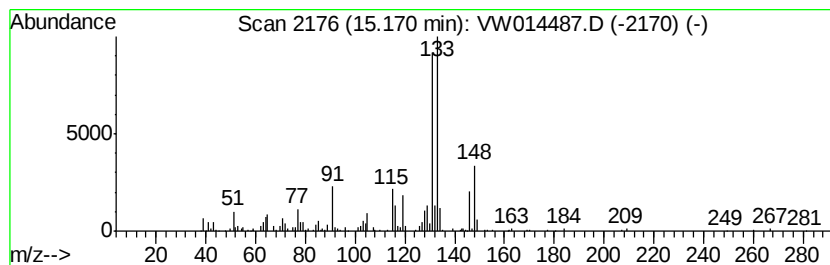
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 16 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.06 ug/L	248665	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
3		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	55
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50
5		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

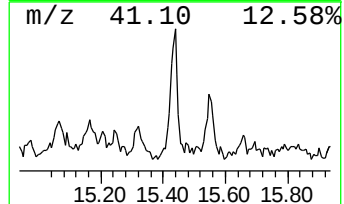
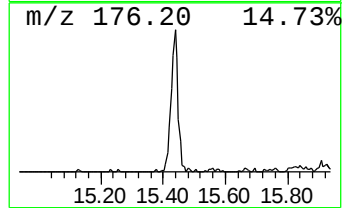
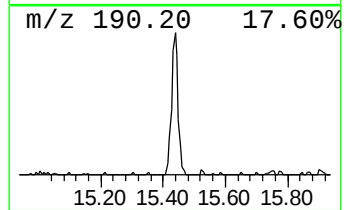
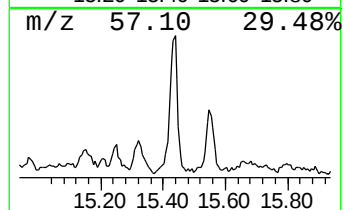
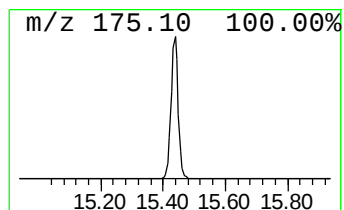
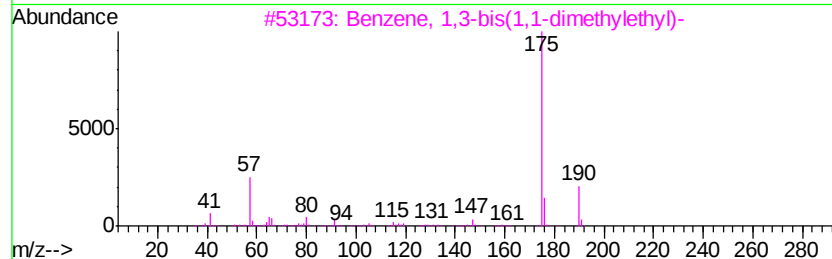
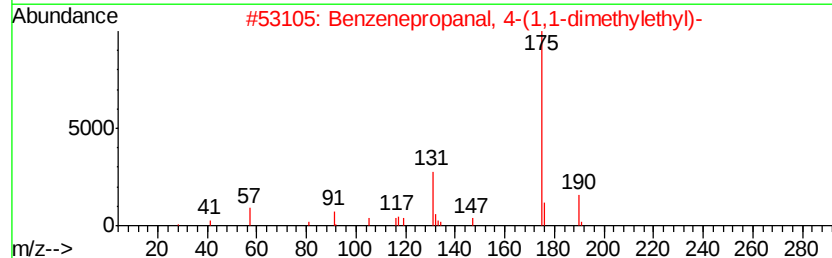
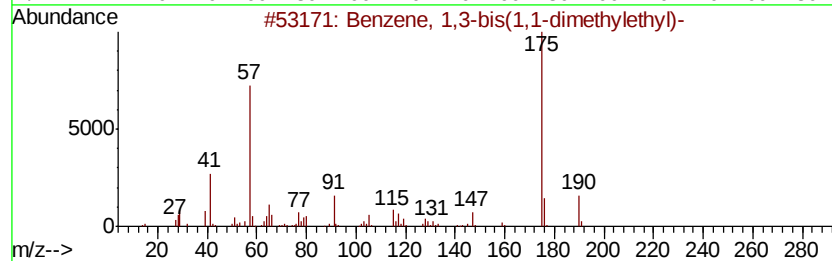
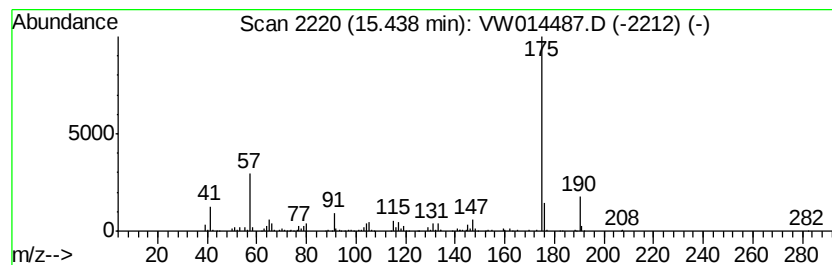
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.16 ug/L	259868	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	90
2		Benzenepropanal, 4-(1,1-dimethylethyl)-	190	C13H18O	018127-01-0	87
3		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	81
4		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	80
5		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

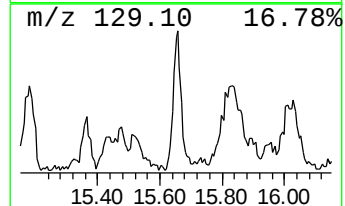
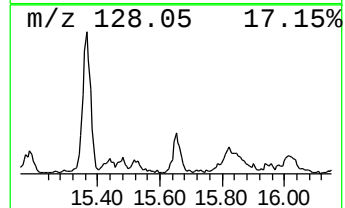
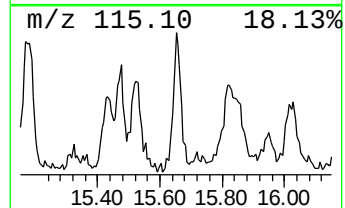
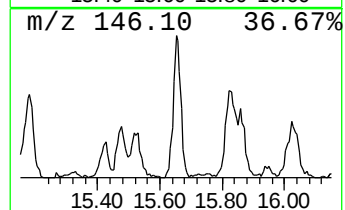
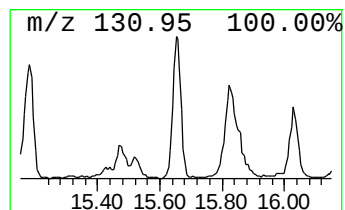
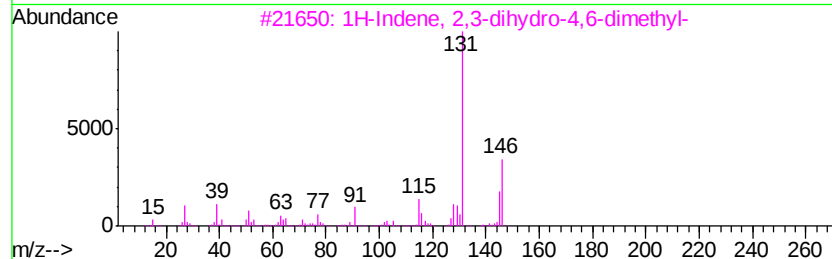
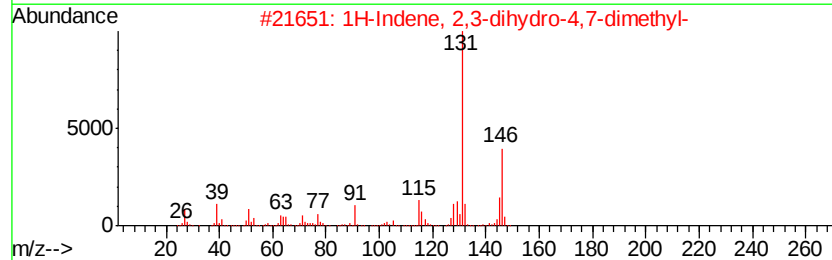
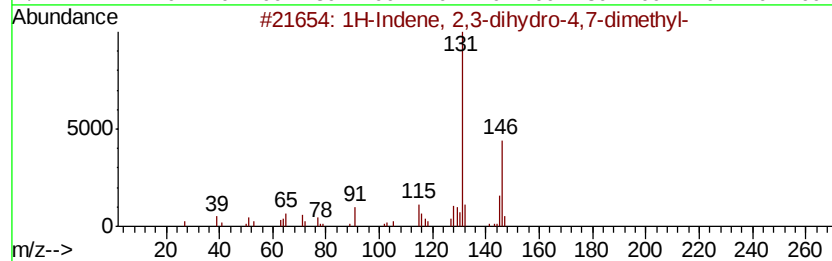
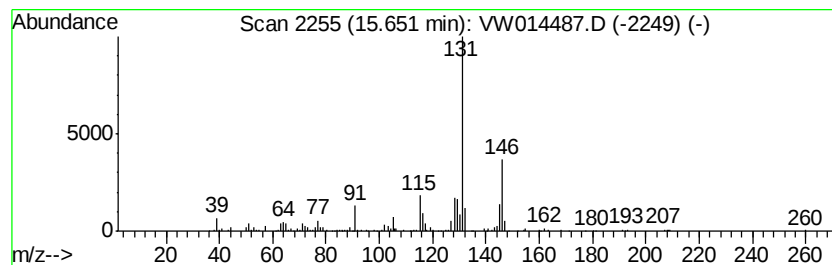
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 18 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	1.74 ug/L	209057	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

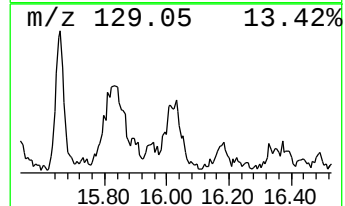
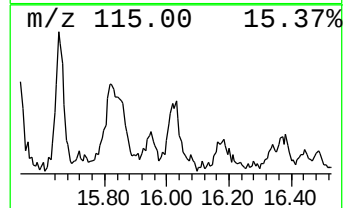
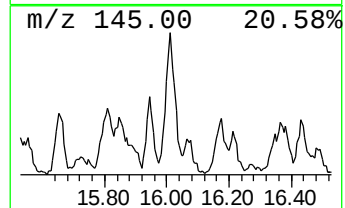
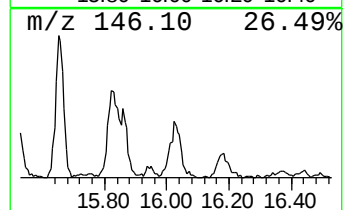
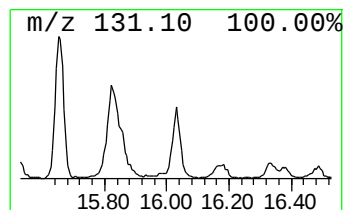
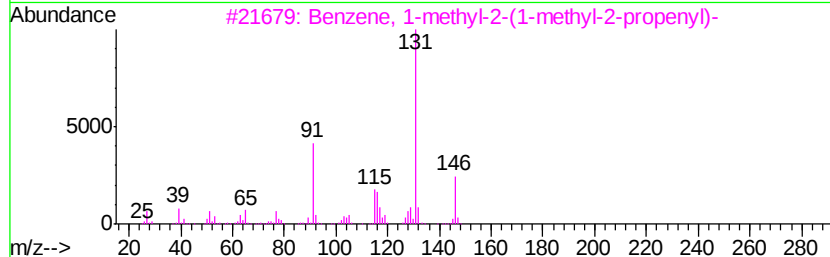
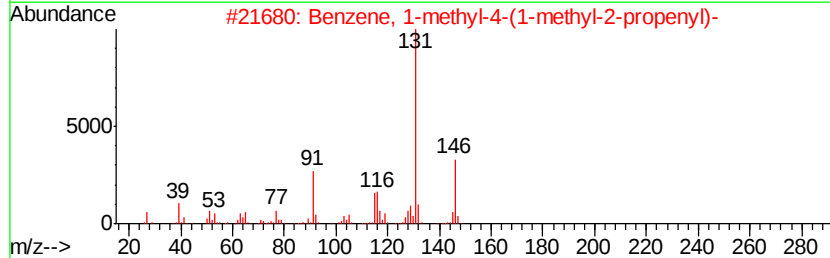
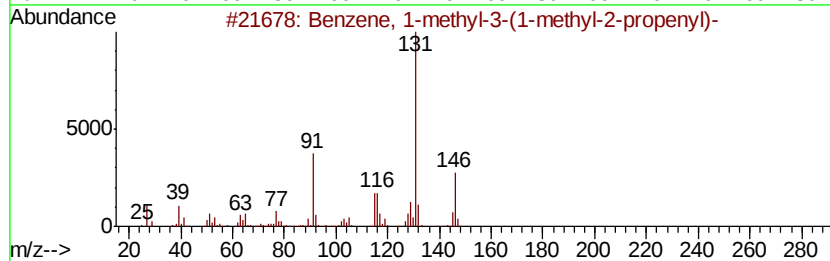
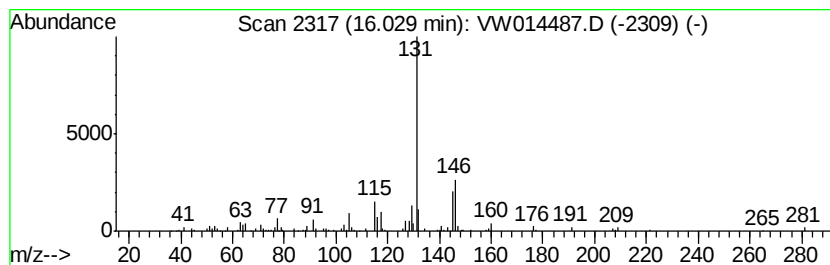
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	1.31 ug/L	158171	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	83
5		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122719\
Data File : VW014487.D
Acq On : 28 Dec 2019 03:28
Operator : SY/VA
Sample : VIBLK21
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.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	11.06	1.3	ug/L	157084	2	11.63	3113950	25.0
Benzene, 1-methyl...	13.75	1.6	ug/L	196233	3	13.55	3011230	25.0
Benzene, 1,3-diet...	13.79	2.3	ug/L	278256	3	13.55	3011230	25.0
Benzene, 2-ethyl-...	14.10	3.2	ug/L	384179	3	13.55	3011230	25.0
Benzene, 1,2,3,4-...	14.41	1.7	ug/L	204254	3	13.55	3011230	25.0
Benzene, 1,2,4,5-...	14.46	1.7	ug/L	202648	3	13.55	3011230	25.0
unknown-02	14.50	1.3	ug/L	154138	3	13.55	3011230	25.0
unknown-03	14.72	1.4	ug/L	162415	3	13.55	3011230	25.0
Benzene, 1-methyl...	14.79	2.1	ug/L	250082	3	13.55	3011230	25.0
Benzene, 1-ethyl-...	15.07	3.8	ug/L	458672	3	13.55	3011230	25.0
Benzene, (2-methy...	15.17	2.1	ug/L	248665	3	13.55	3011230	25.0
Benzene, 1,3-bis(...	15.44	2.2	ug/L	259868	3	13.55	3011230	25.0
1H-Indene, 2,3-di...	15.65	1.7	ug/L	209057	3	13.55	3011230	25.0
Benzene, 1-methyl...	16.03	1.3	ug/L	158171	3	13.55	3011230	25.0