

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010251.D
 Acq On : 01 May 2019 17:46
 Operator : SY/VA
 Sample : K2604-05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ79

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\SOM2WLM042919S.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	2.160	37	42	51	rBV	22570	59077	0.24%	0.077%
2	2.355	69	74	88	rVB	70595	173059	0.69%	0.224%
3	2.891	155	162	181	rVB2	56855	183408	0.73%	0.238%
4	3.727	298	299	303	rVB3	1588	1839	0.01%	0.002%
5	3.855	318	320	329	rVB5	1650	2814	0.01%	0.004%
6	4.013	335	346	360	rBV	116960	411988	1.64%	0.534%
7	4.403	402	410	418	rVV2	5388	15415	0.06%	0.020%
8	4.781	469	472	474	rVB3	821	754	0.00%	0.001%
9	4.812	474	477	480	rBV	635	906	0.00%	0.001%
10	4.909	482	493	507	rBV2	6490	25536	0.10%	0.033%
11	5.159	533	534	537	rVV3	906	865	0.00%	0.001%
12	5.489	585	588	591	rVB2	575	849	0.00%	0.001%
13	5.915	652	658	659	rBV3	1500	2459	0.01%	0.003%
14	6.184	700	702	706	rBV2	752	1159	0.00%	0.002%
15	7.074	839	848	859	rBV	55686	157759	0.63%	0.205%
16	7.519	919	921	923	rVV	1332	1134	0.00%	0.001%
17	7.549	923	926	931	rVV4	1335	2323	0.01%	0.003%
18	7.641	931	941	954	rVV	278797	691351	2.75%	0.896%
19	7.939	988	990	993	rVB3	977	862	0.00%	0.001%
20	7.964	993	994	999	rVB4	1428	1720	0.01%	0.002%
21	8.006	999	1001	1006	rBV2	1087	1750	0.01%	0.002%
22	8.061	1008	1010	1015	rBV3	618	941	0.00%	0.001%
23	8.153	1023	1025	1029	rBV2	1049	965	0.00%	0.001%
24	8.268	1033	1044	1060	rBV2	606633	1880210	7.48%	2.438%
25	8.476	1076	1078	1079	rVB2	1347	903	0.00%	0.001%
26	8.653	1105	1107	1109	rBV2	862	1001	0.00%	0.001%
27	8.842	1130	1138	1147	rBV	763871	1492803	5.94%	1.935%
28	8.933	1152	1153	1157	rVV	1169	898	0.00%	0.001%
29	9.037	1166	1170	1171	rBV3	1819	2664	0.01%	0.003%
30	9.079	1172	1177	1185	rVB8	5173	11202	0.04%	0.015%
31	9.274	1200	1209	1219	rBV	471056	948670	3.78%	1.230%
32	9.500	1242	1246	1248	rBV3	858	1384	0.01%	0.002%
33	9.555	1254	1255	1260	rVB3	912	841	0.00%	0.001%
34	9.652	1267	1271	1276	rBV4	3369	6599	0.03%	0.009%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010251.D
 Acq On : 01 May 2019 17:46
 Operator : SY/VA
 Sample : K2604-05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ79

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\SOM2WLM042919S.M
 Title : VOC Analysis

35	9.750	1286	1287	1295	rVB4	2308	4250	0.02%	0.006%
36	9.805	1295	1296	1298	rBV	1214	908	0.00%	0.001%
37	9.890	1305	1310	1318	rVB6	4085	7212	0.03%	0.009%
38	10.036	1324	1334	1343	rBV	214701	398772	1.59%	0.517%
39	10.213	1360	1363	1365	rBV3	1826	2420	0.01%	0.003%
40	10.323	1374	1381	1389	rBV	789234	1349906	5.37%	1.750%
41	10.579	1416	1423	1433	rVB	154762	272947	1.09%	0.354%
42	10.701	1437	1443	1450	rVB2	8263	17259	0.07%	0.022%
43	10.774	1452	1455	1456	rBV3	1707	2106	0.01%	0.003%
44	10.853	1465	1468	1469	rBV3	1014	1016	0.00%	0.001%
45	10.927	1473	1480	1491	rBV	241968	411577	1.64%	0.534%
46	11.073	1499	1504	1510	rVB4	4515	8474	0.03%	0.011%
47	11.116	1510	1511	1515	rVV4	1126	1036	0.00%	0.001%
48	11.183	1519	1522	1526	rVB2	986	1189	0.00%	0.002%
49	11.280	1536	1538	1541	rBV3	720	896	0.00%	0.001%
50	11.335	1545	1547	1551	rVB3	1170	1568	0.01%	0.002%
51	11.408	1554	1559	1561	rBV2	2126	2577	0.01%	0.003%
52	11.628	1588	1595	1606	rBV	824323	1432988	5.70%	1.858%
53	11.725	1609	1611	1618	rVB4	2779	4343	0.02%	0.006%
54	11.835	1623	1629	1640	rVB2	16308	32709	0.13%	0.042%
55	12.012	1655	1658	1659	rBV2	1678	1739	0.01%	0.002%
56	12.170	1675	1684	1691	rVB2	26031	50238	0.20%	0.065%
57	12.256	1694	1698	1702	rVB5	2552	3982	0.02%	0.005%
58	12.317	1706	1708	1709	rBV2	1200	1096	0.00%	0.001%
59	12.341	1709	1712	1714	rBV4	2634	3469	0.01%	0.004%
60	12.475	1727	1734	1736	rBV7	3484	6082	0.02%	0.008%
61	12.609	1751	1756	1761	rBV	36486	59140	0.24%	0.077%
62	12.695	1763	1770	1779	rVB	339410	537094	2.14%	0.696%
63	12.780	1781	1784	1791	rVB7	5474	10242	0.04%	0.013%
64	12.865	1792	1798	1802	rBV	58431	104730	0.42%	0.136%
65	12.945	1806	1811	1817	rVB	184358	288443	1.15%	0.374%
66	13.103	1830	1837	1844	rBV	51859	102007	0.41%	0.132%
67	13.164	1844	1847	1855	rVB4	11392	17630	0.07%	0.023%
68	13.255	1855	1862	1866	rBV	476229	741083	2.95%	0.961%
69	13.304	1866	1870	1874	rVV	238294	363666	1.45%	0.471%
70	13.353	1874	1878	1884	rVB	70168	117572	0.47%	0.152%
71	13.444	1890	1893	1897	rVB3	21874	30636	0.12%	0.040%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050119\
 Data File : VW010251.D
 Acq On : 01 May 2019 17:46
 Operator : SY/VA
 Sample : K2604-05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ79

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\SOM2WLM042919S.M
 Title : VOC Analysis

72	13.560	1906	1912	1922	rBV2	935167	1963793	7.82%	2.546%
73	13.719	1933	1938	1940	rBV3	39862	65541	0.26%	0.085%
74	13.755	1940	1944	1947	rVV2	137737	235857	0.94%	0.306%
75	13.792	1947	1950	1955	rVB2	213903	301822	1.20%	0.391%
76	13.853	1955	1960	1969	rBV	714217	1346944	5.36%	1.746%
77	13.938	1969	1974	1981	rBV2	342767	569684	2.27%	0.739%
78	14.017	1982	1987	1988	rBV	107301	150832	0.60%	0.196%
79	14.042	1988	1991	1997	rVV3	129826	268362	1.07%	0.348%
80	14.097	1997	2000	2004	rVB	209380	300452	1.20%	0.390%
81	14.146	2004	2008	2014	rVB2	107385	182611	0.73%	0.237%
82	14.237	2014	2023	2028	rBV2	450833	839452	3.34%	1.088%
83	14.286	2029	2031	2035	rVB2	72250	89585	0.36%	0.116%
84	14.341	2035	2040	2044	rBV2	101454	172180	0.69%	0.223%
85	14.420	2045	2053	2056	rBV	278192	549873	2.19%	0.713%
86	14.463	2056	2060	2064	rVB	452720	597942	2.38%	0.775%
87	14.560	2071	2076	2081	rBV3	319032	513454	2.04%	0.666%
88	14.694	2093	2098	2100	rBV2	205269	308215	1.23%	0.400%
89	14.731	2100	2104	2109	rVB2	356210	538588	2.14%	0.698%
90	14.798	2109	2115	2121	rBV3	804764	1683823	6.70%	2.183%
91	14.877	2123	2128	2135	rVV2	879080	1553380	6.18%	2.014%
92	14.956	2135	2141	2149	rVB	1706107	2846675	11.33%	3.690%
93	15.066	2154	2159	2164	rBV4	235616	448858	1.79%	0.582%
94	15.188	2173	2179	2185	rBV2	233523	481171	1.91%	0.624%
95	15.371	2203	2209	2218	rVB	4217248	7330336	29.17%	9.503%
96	15.560	2237	2240	2249	rVB	417592	697140	2.77%	0.904%
97	15.664	2252	2257	2262	rBV2	158295	335197	1.33%	0.435%
98	15.974	2302	2308	2313	rBV2	265382	664836	2.65%	0.862%
99	16.450	2378	2386	2394	rBV	12254639	25127266	100.00%	32.576%
100	16.651	2411	2419	2430	rVB	6539662	14492257	57.68%	18.788%

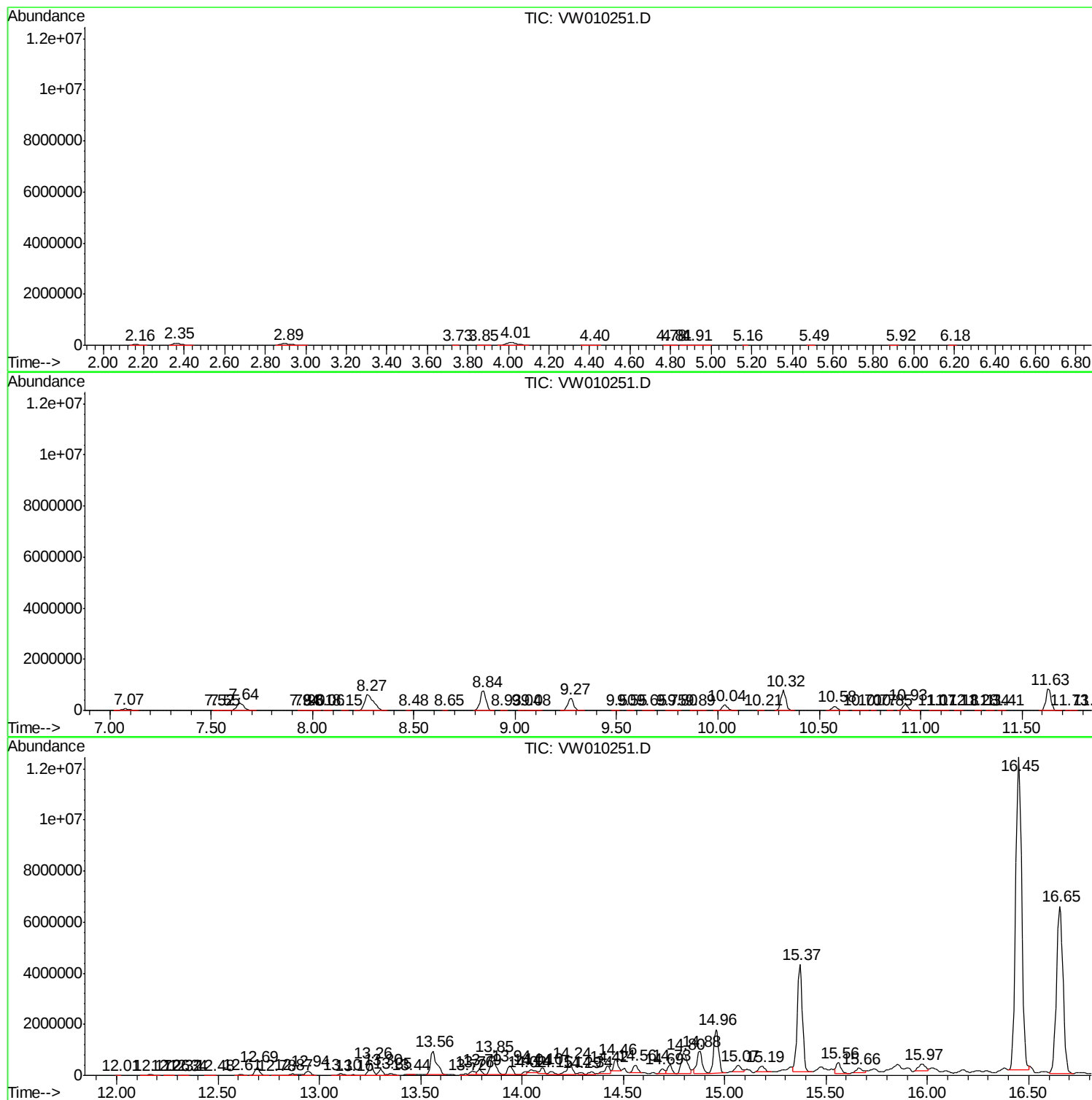
Sum of corrected areas: 77135236

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

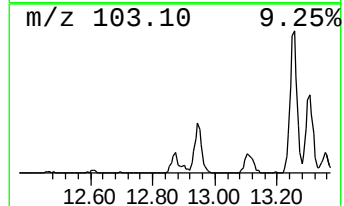
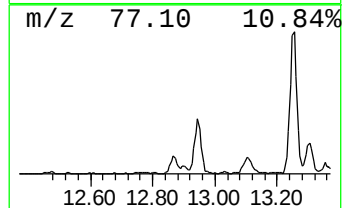
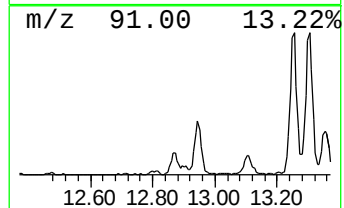
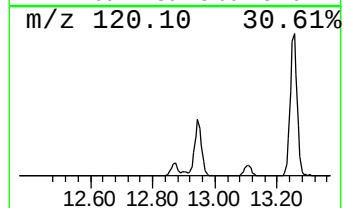
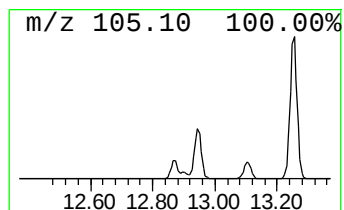
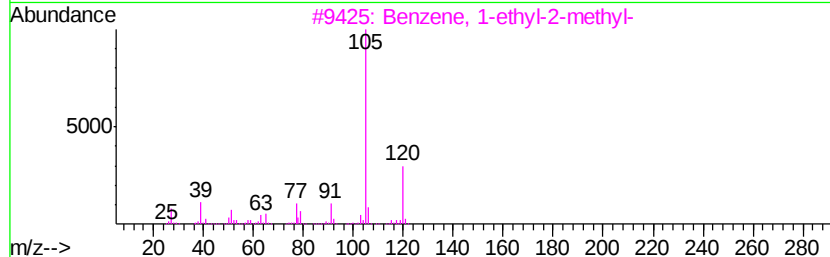
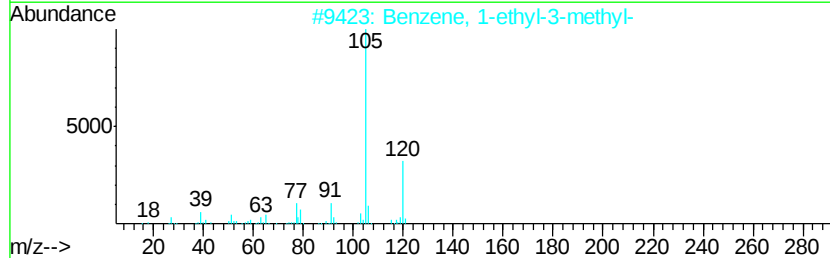
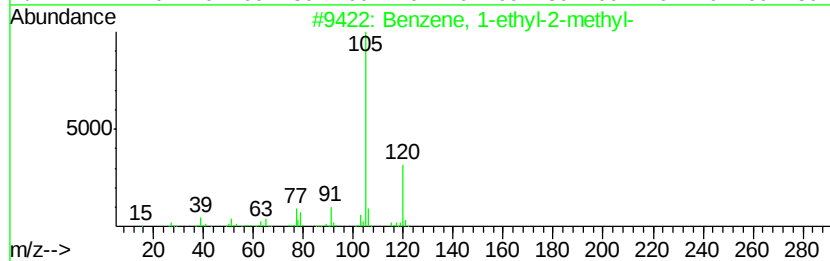
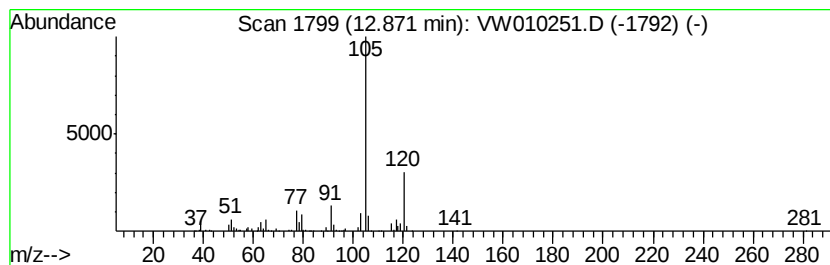
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	1.33 ug/L	104730	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

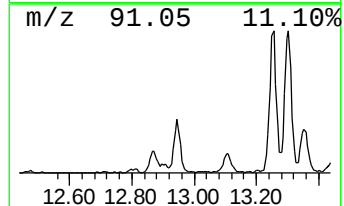
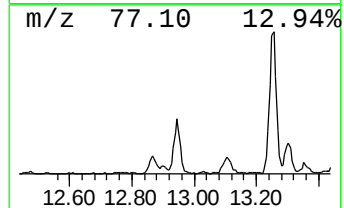
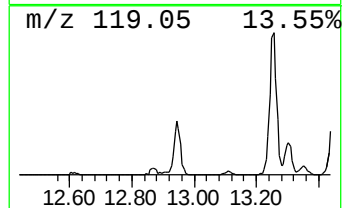
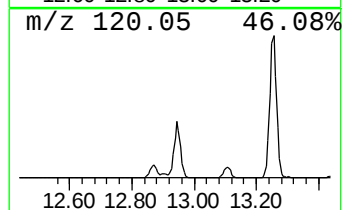
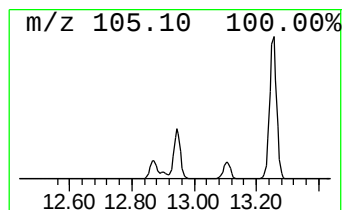
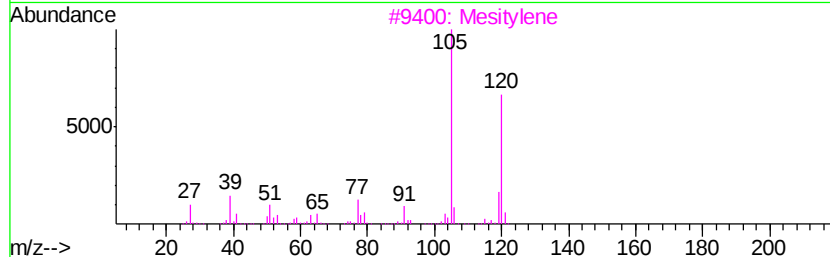
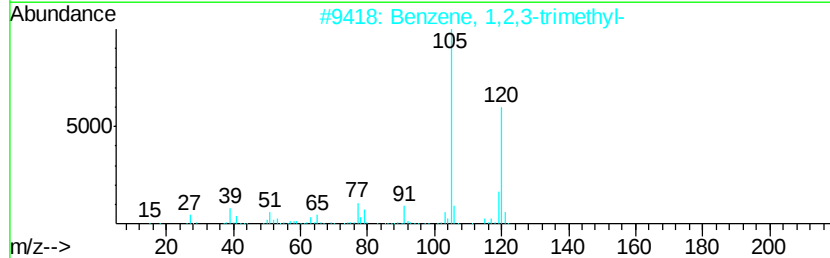
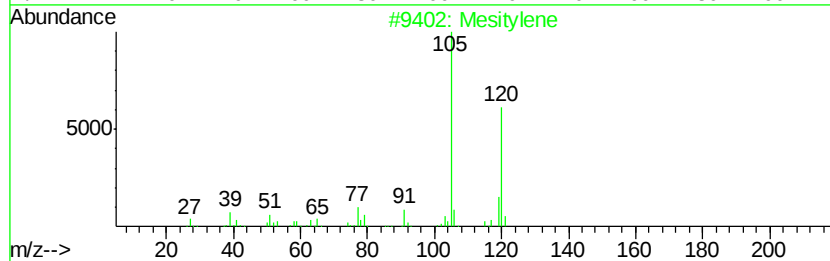
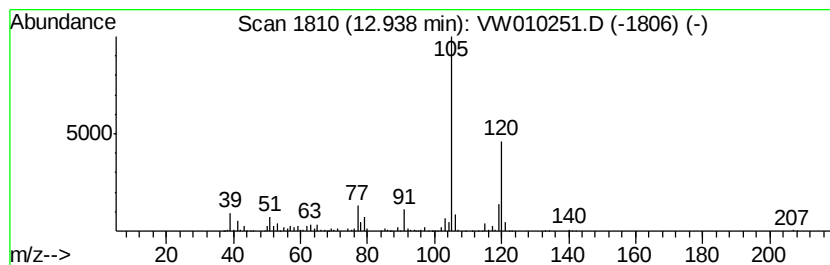
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 3 Mesitylene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.67 ug/L	288443	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

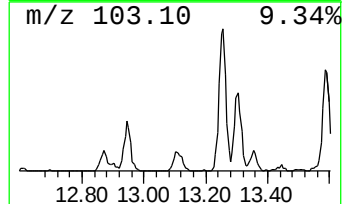
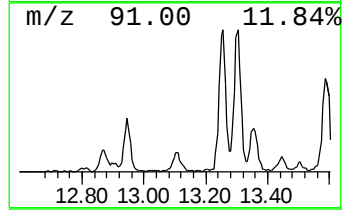
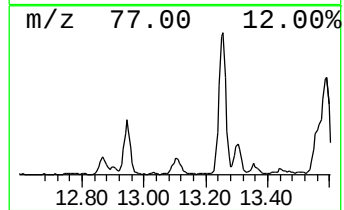
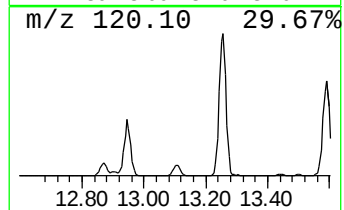
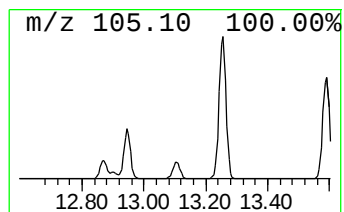
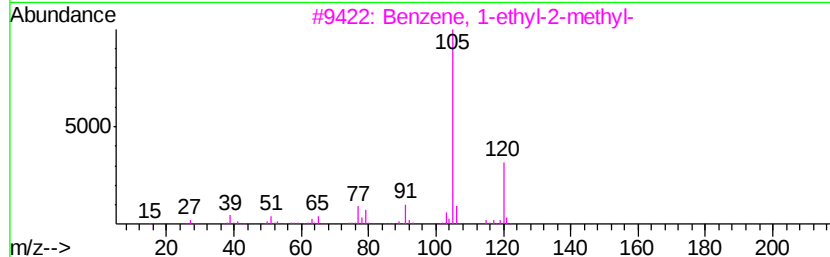
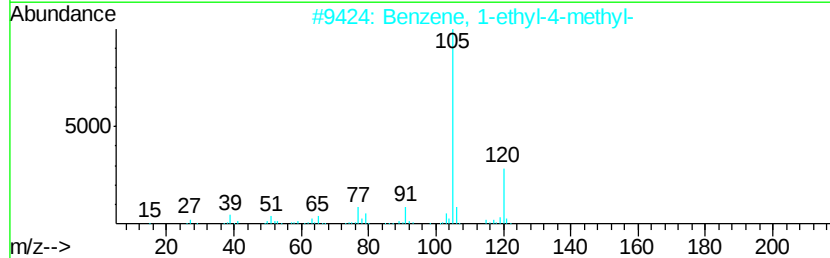
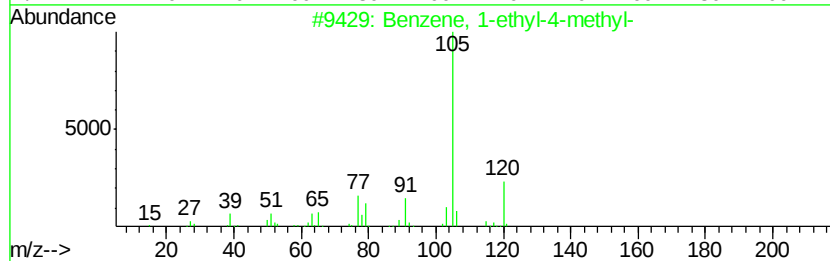
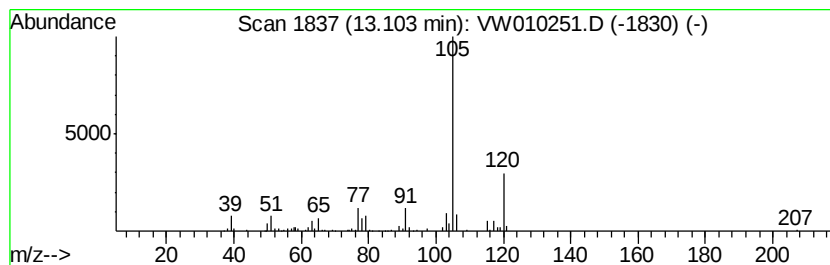
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	1.30 ug/L	102007	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

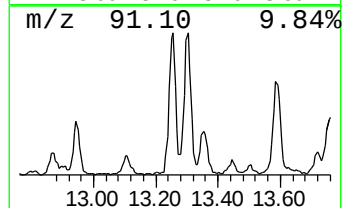
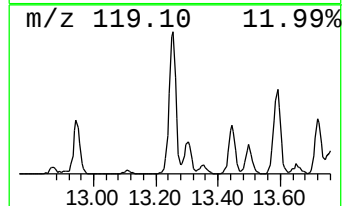
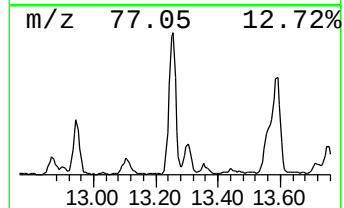
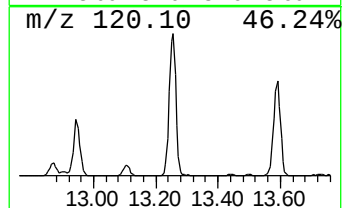
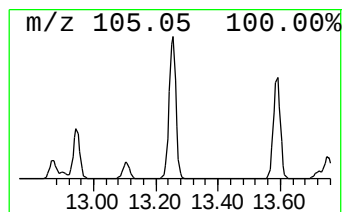
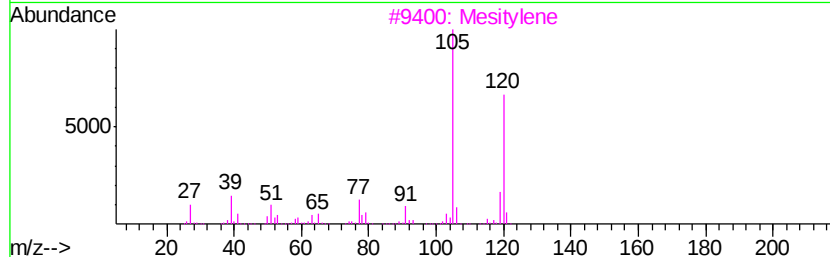
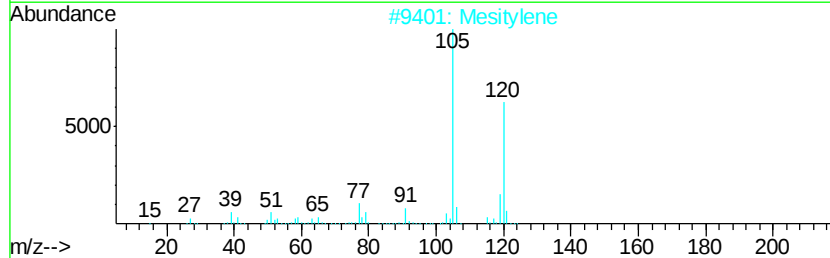
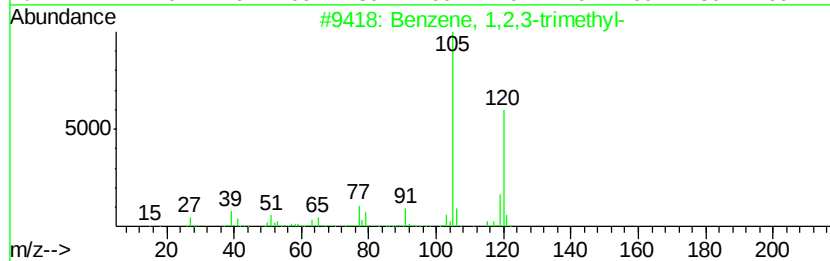
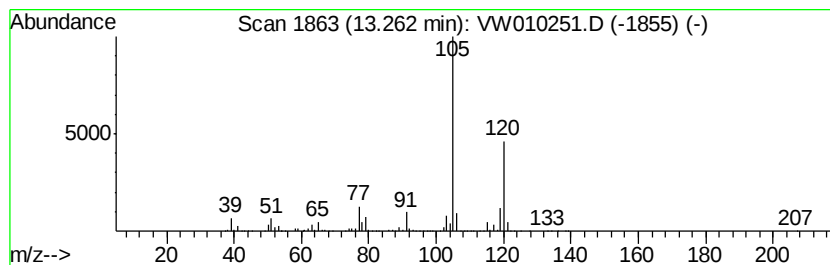
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	9.43 ug/L	741083	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

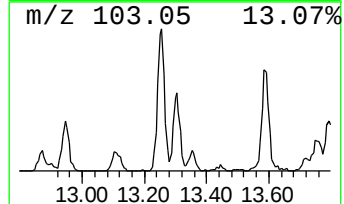
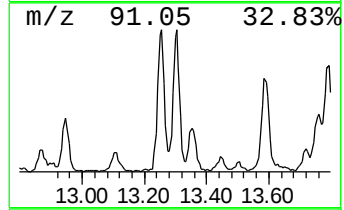
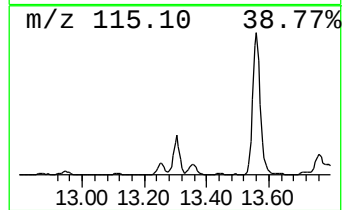
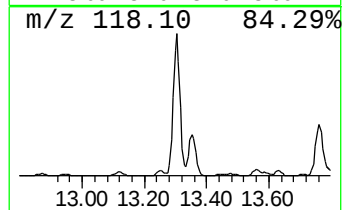
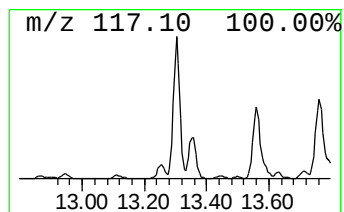
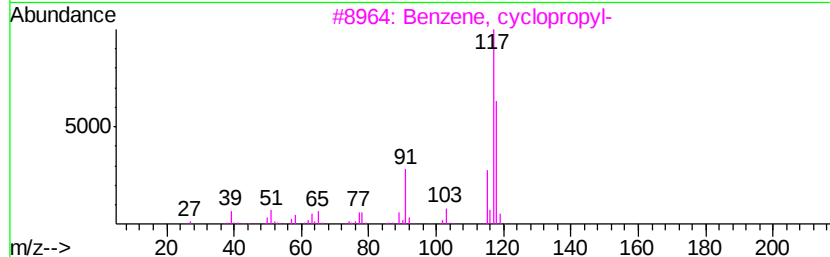
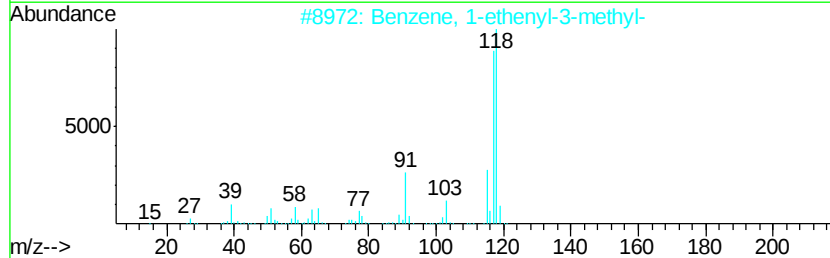
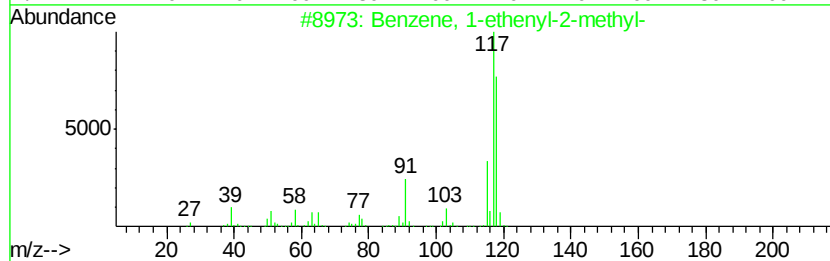
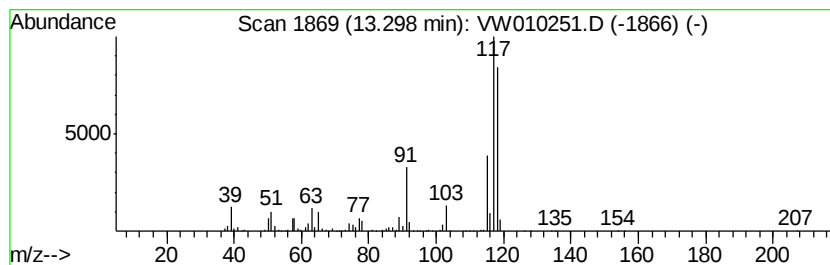
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1-ethenyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	4.63 ug/L	363666	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
3		Benzene, cyclopropyl-	118	C9H10	000873-49-4	90
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

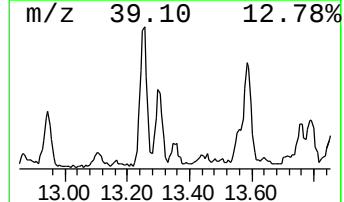
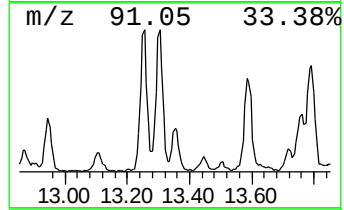
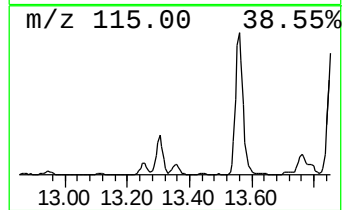
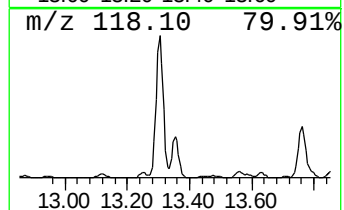
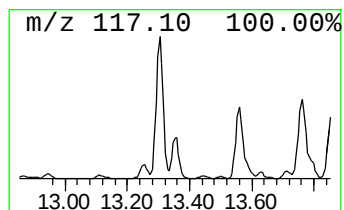
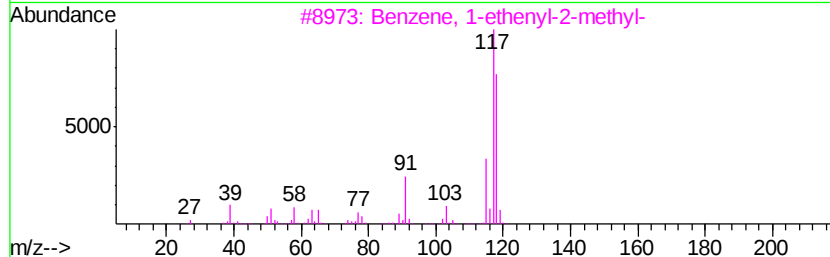
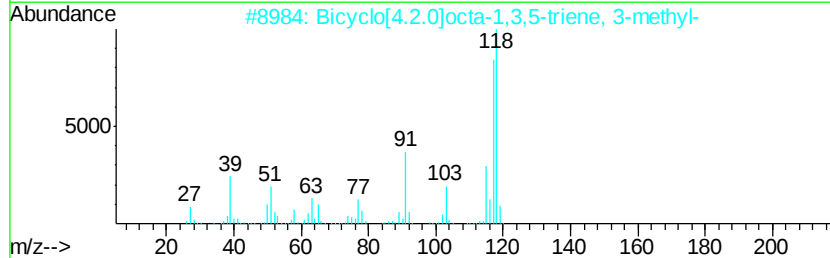
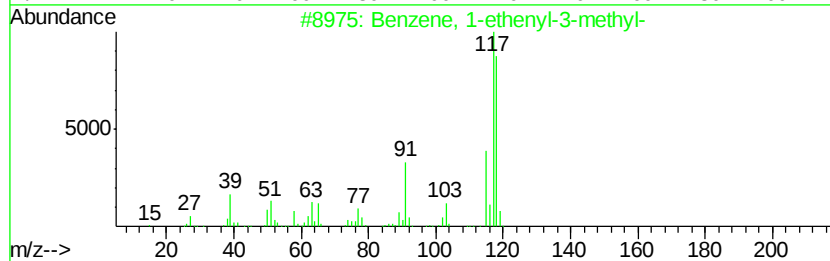
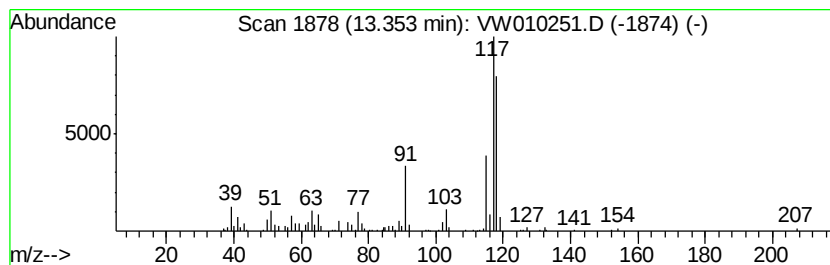
Instrument :
MSVOA_W
ClientSampleId :
GAJ79

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethenyl-3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	1.50 ug/L	117572	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethenyl-3-methyl-	118 C9H10	000100-80-1 96
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	118 C9H10	022250-74-4 93
3		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 93
4		Benzene, 2-propenyl-	118 C9H10	000300-57-2 90
5		Benzene, 1-ethenyl-2-methyl-	118 C9H10	000611-15-4 90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

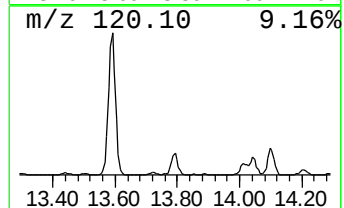
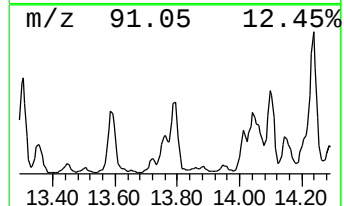
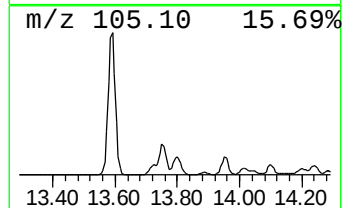
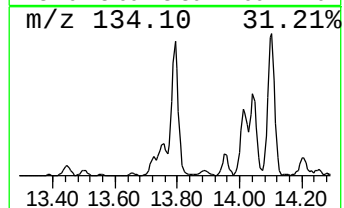
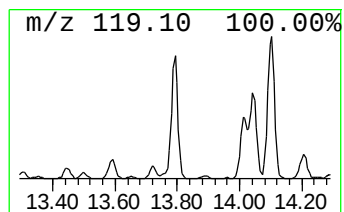
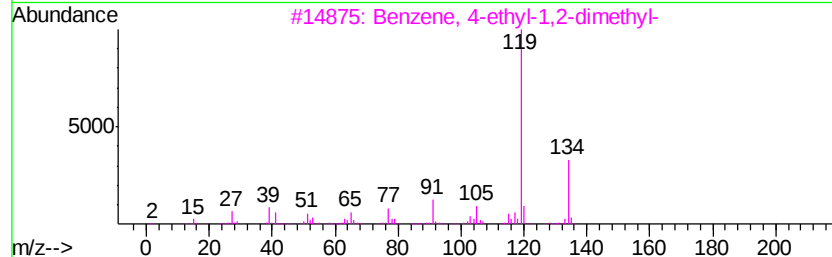
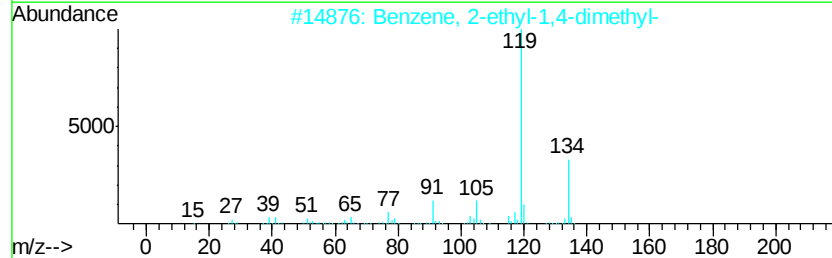
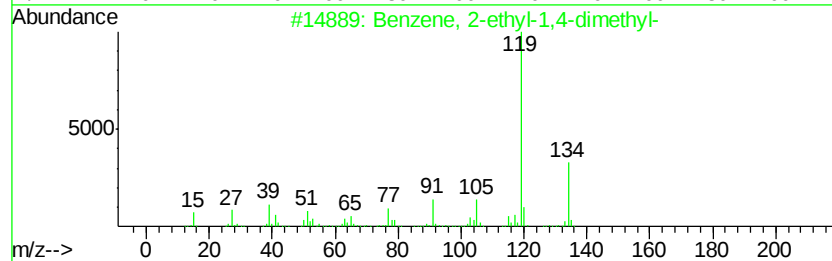
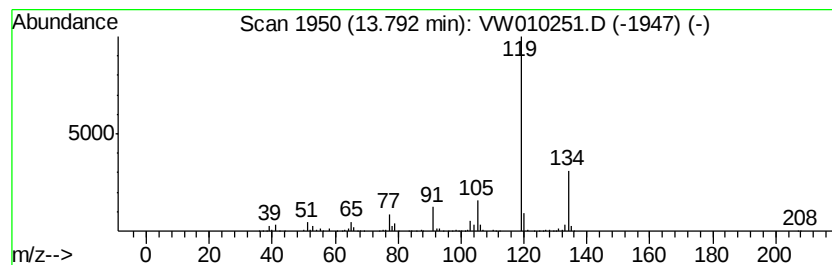
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.84 ug/L	301822	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

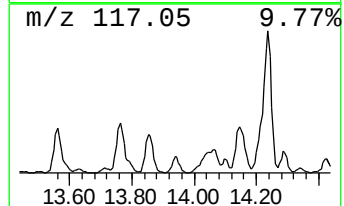
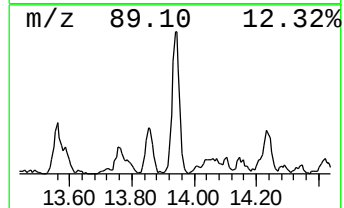
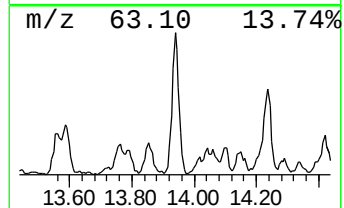
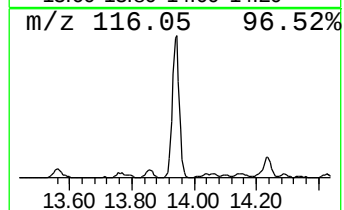
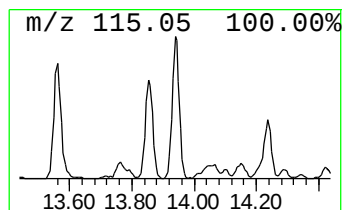
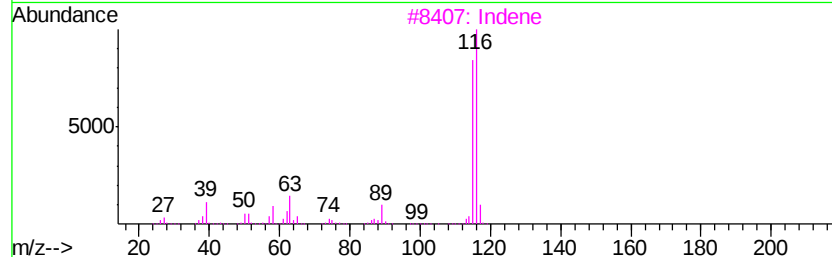
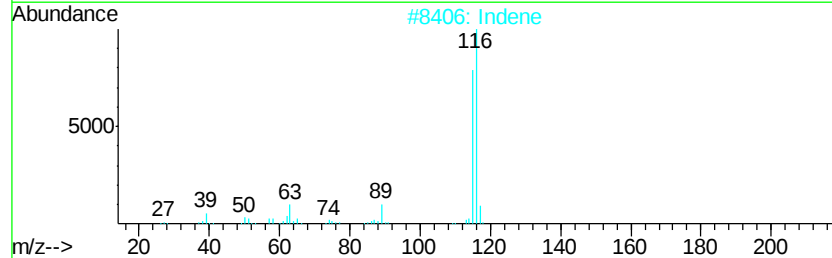
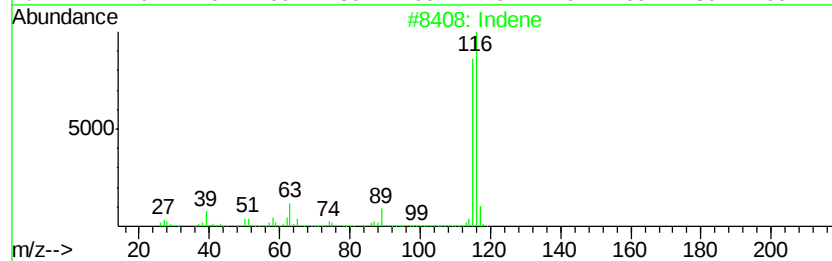
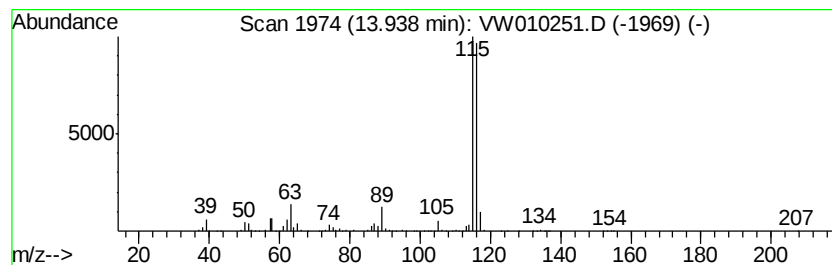
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 10 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	7.25 ug/L	569684	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene			116	C9H8	000095-13-6	97
2	Indene			116	C9H8	000095-13-6	97
3	Indene			116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene			116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-			116	C9H8	000673-32-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

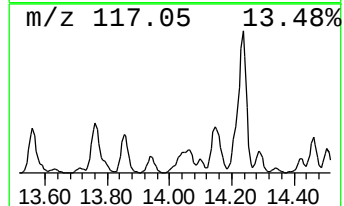
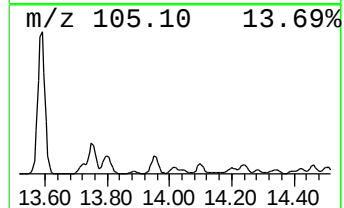
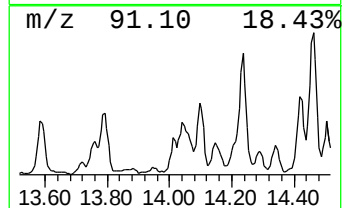
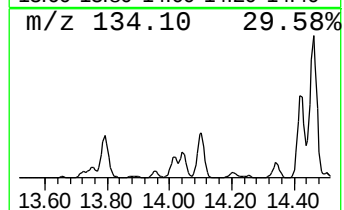
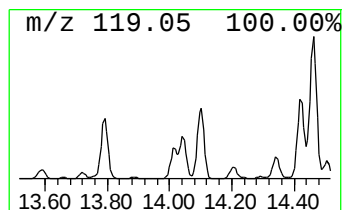
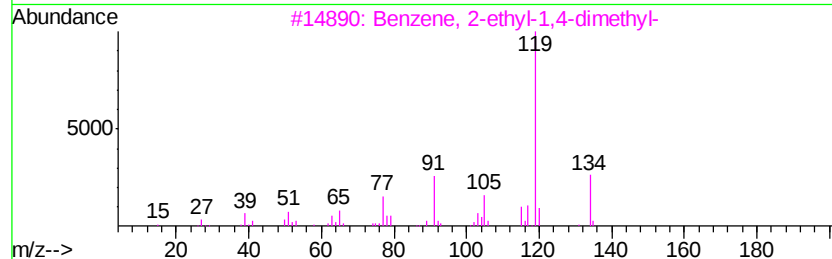
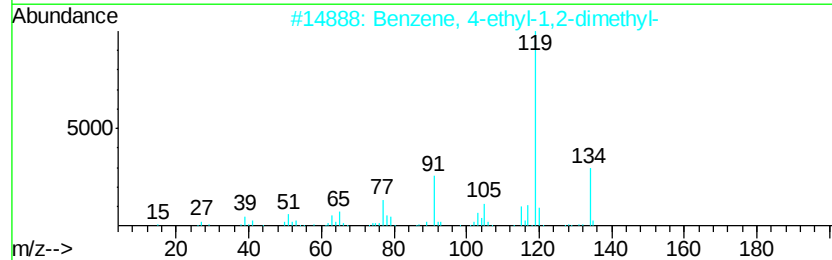
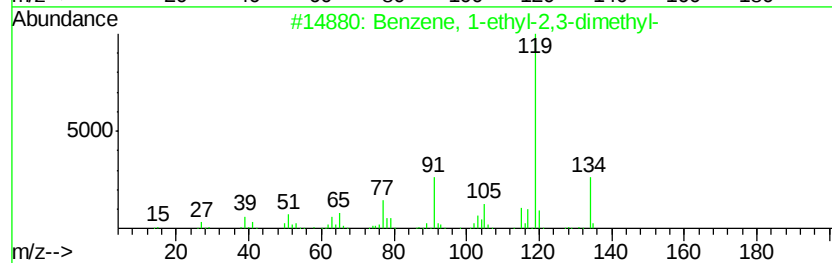
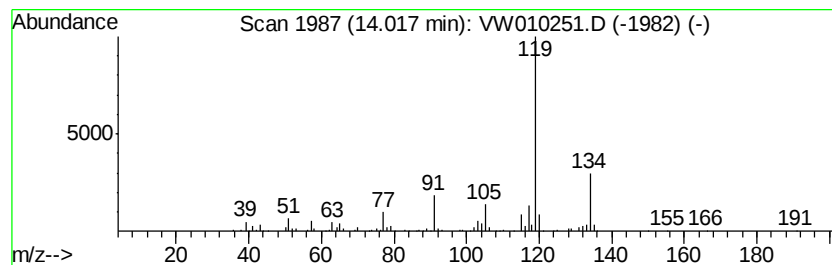
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	1.92 ug/L	150832	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

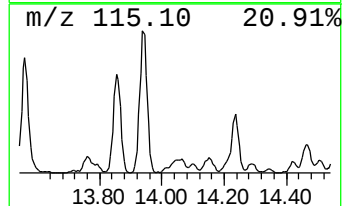
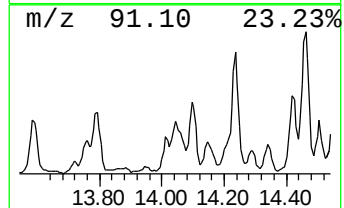
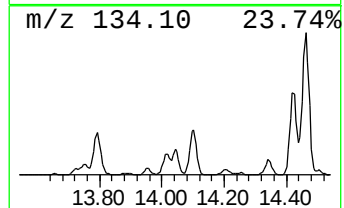
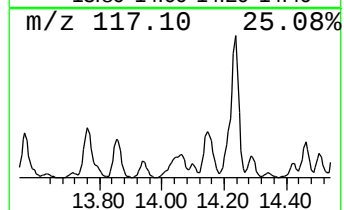
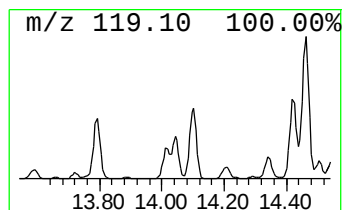
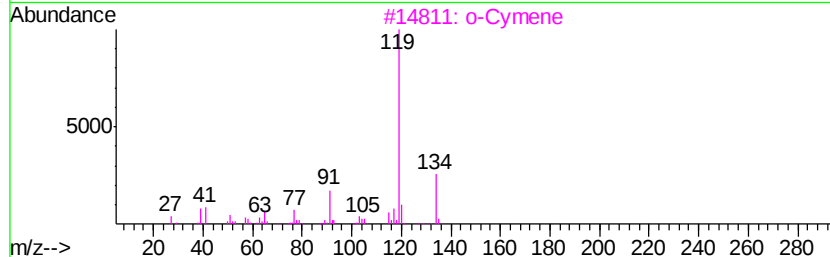
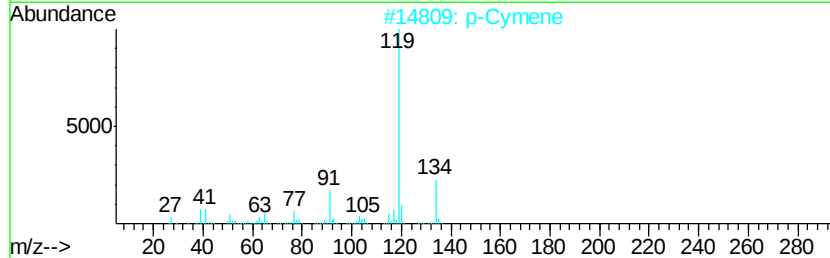
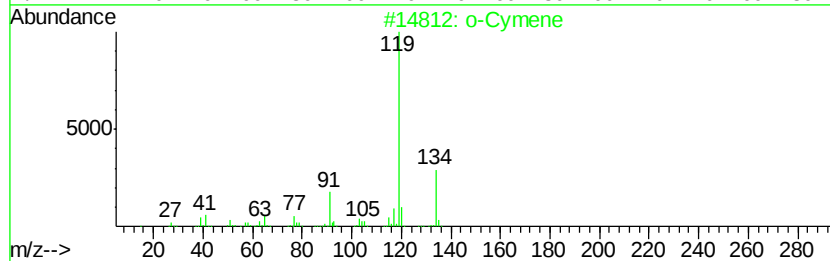
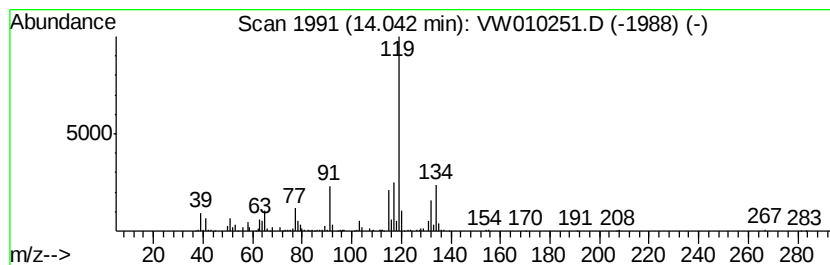
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 12 o-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.42 ug/L	268362	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	64
2		p-Cymene	134	C10H14	000099-87-6	62
3		o-Cymene	134	C10H14	000527-84-4	62
4		p-Cymene	134	C10H14	000099-87-6	62
5		o-Cymene	134	C10H14	000527-84-4	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

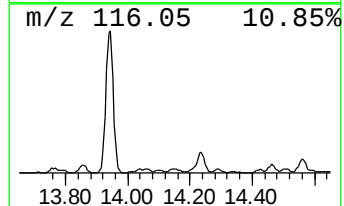
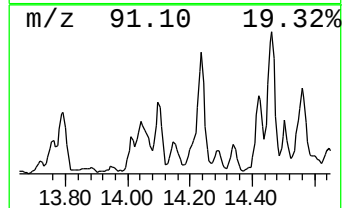
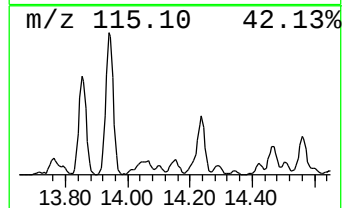
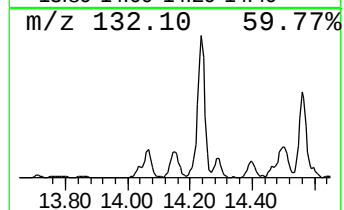
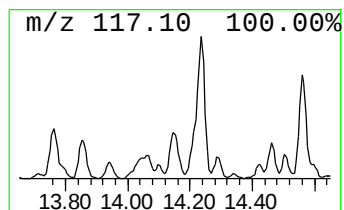
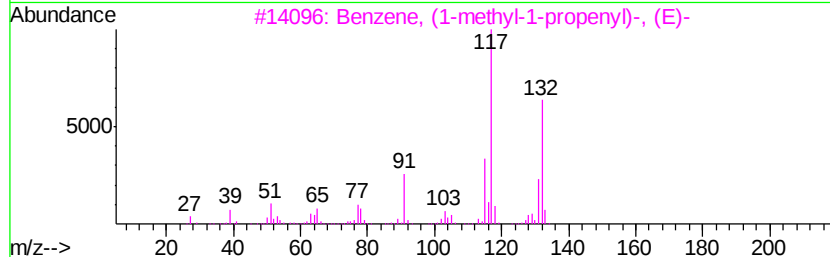
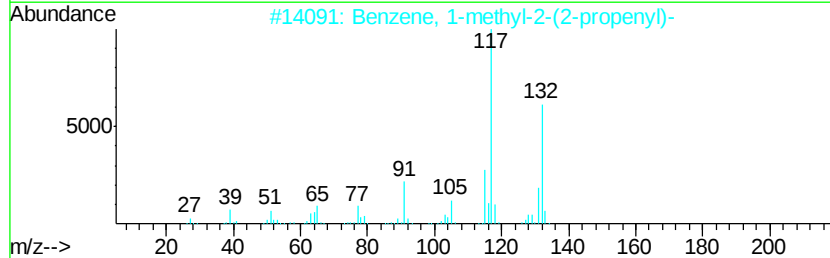
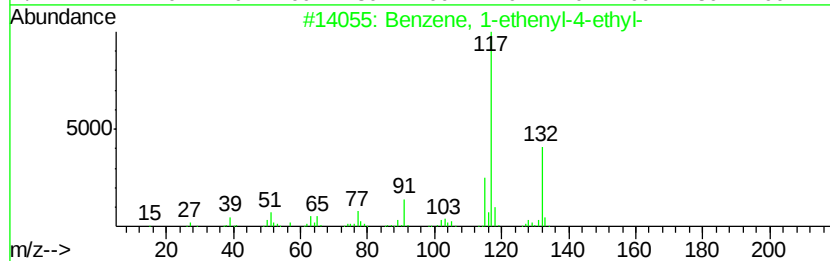
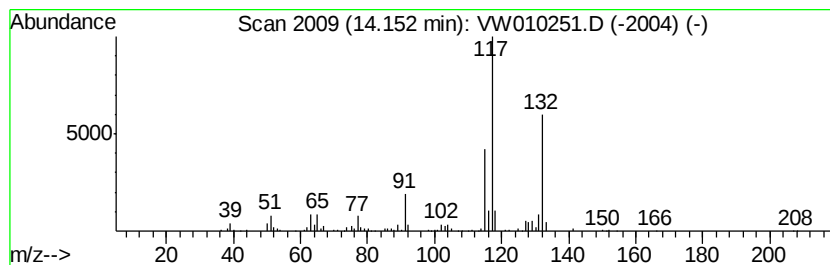
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.32 ug/L	182611	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
3		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

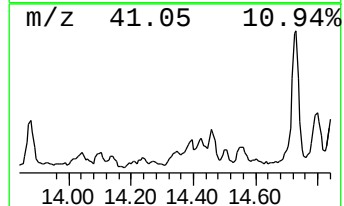
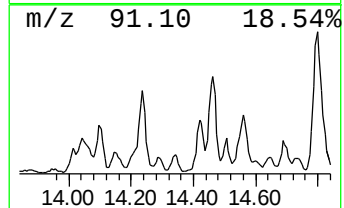
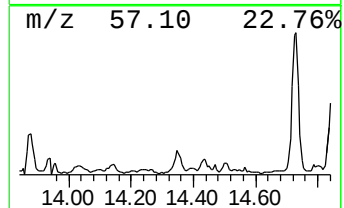
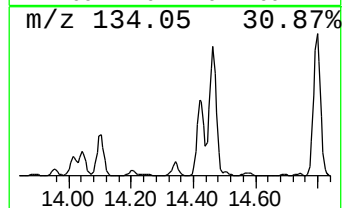
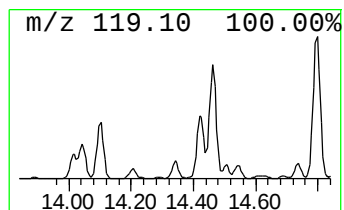
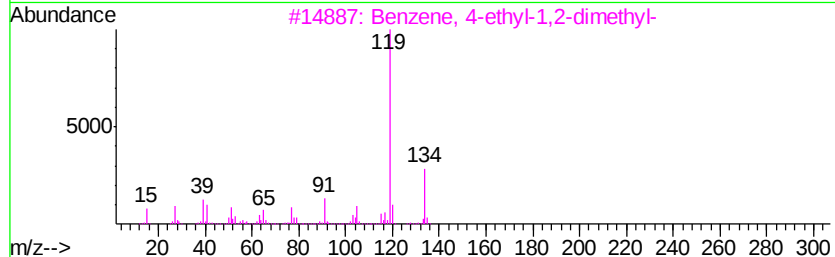
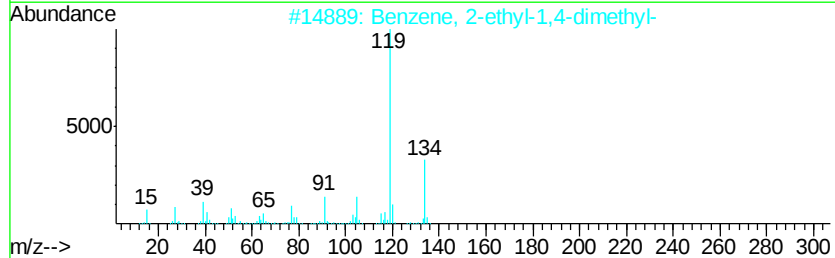
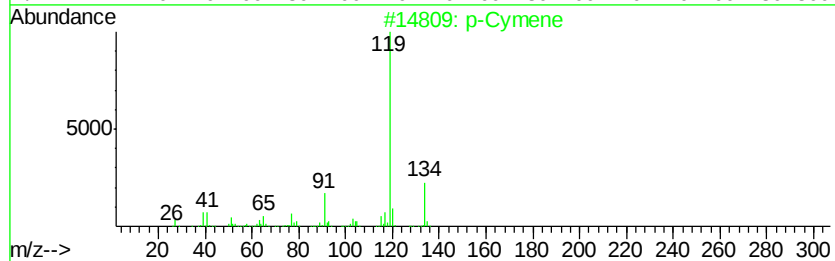
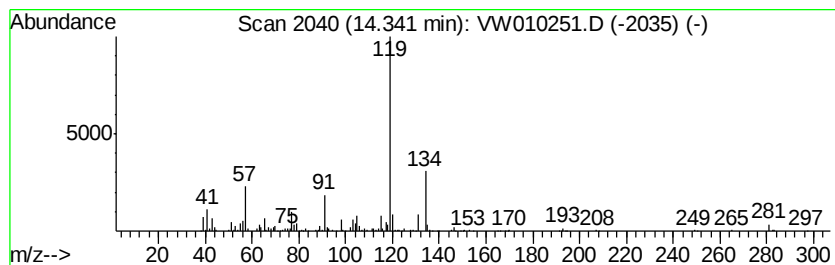
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 16 p-Cymene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	2.19 ug/L	172180	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	90
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

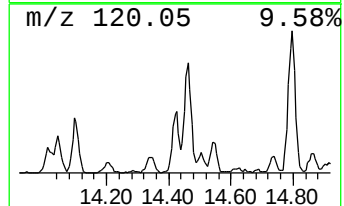
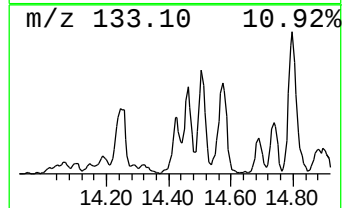
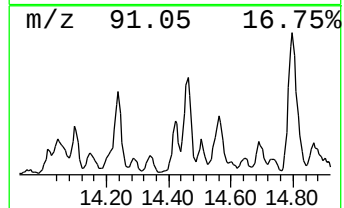
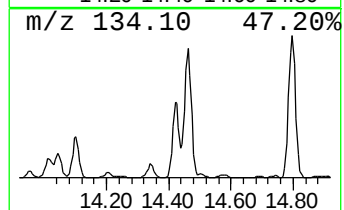
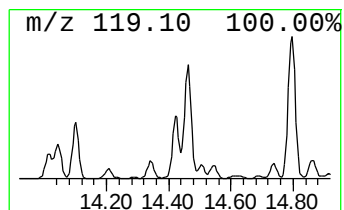
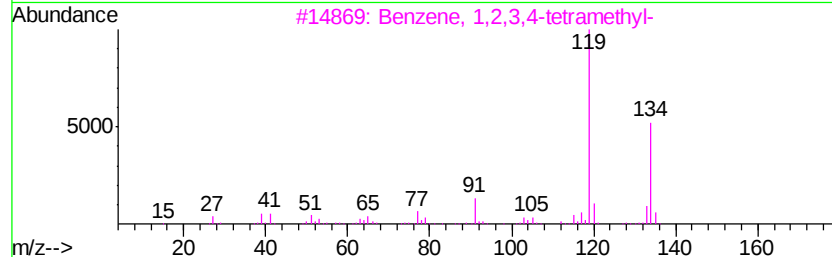
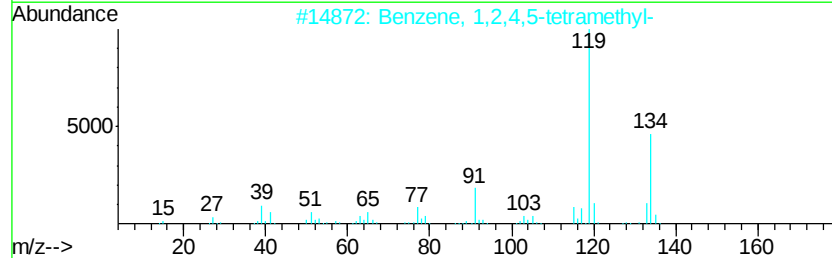
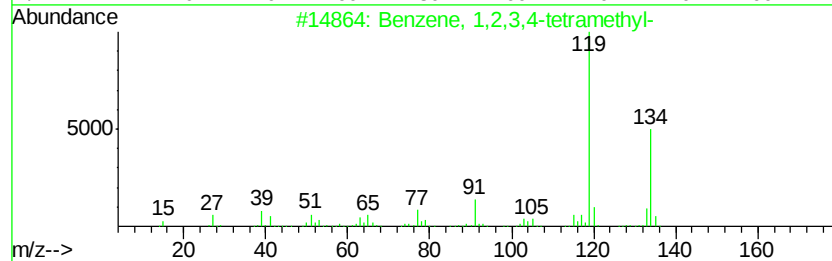
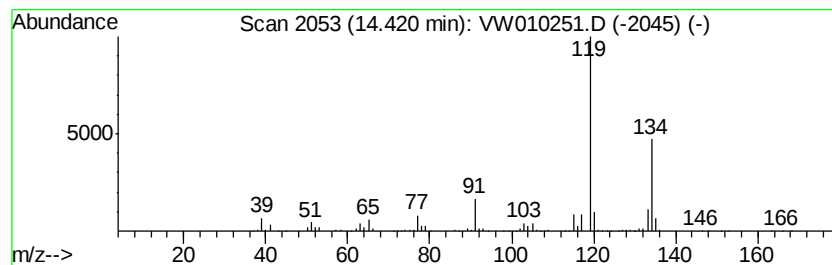
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	7.00 ug/L	549873	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

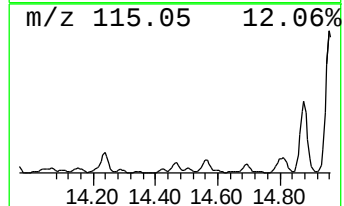
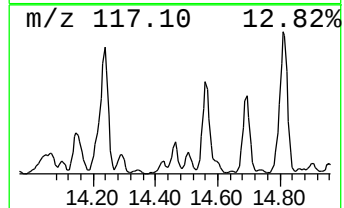
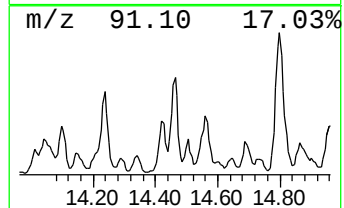
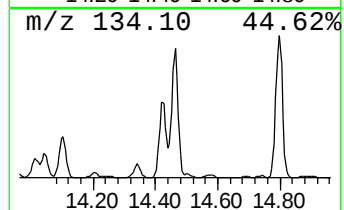
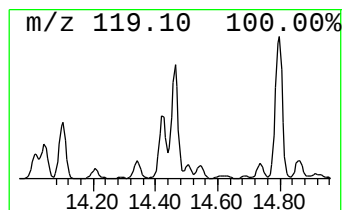
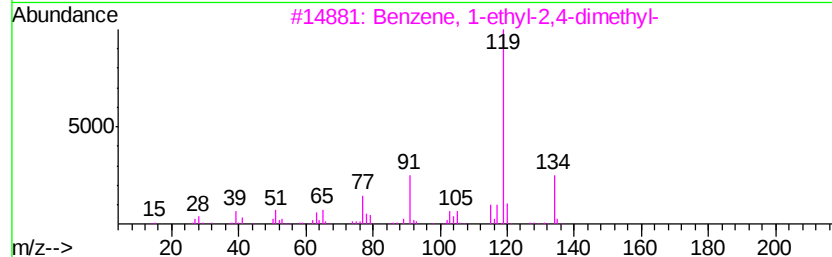
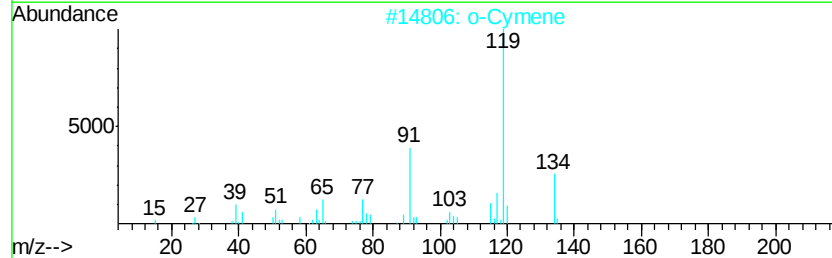
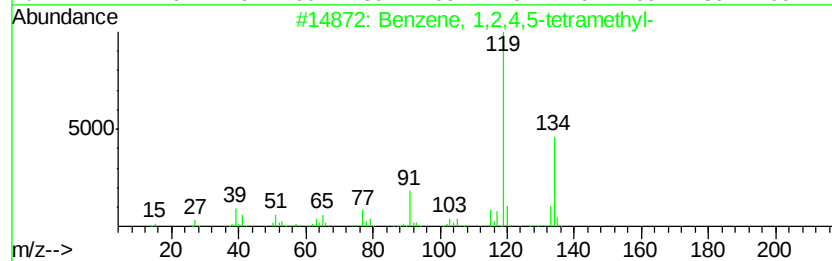
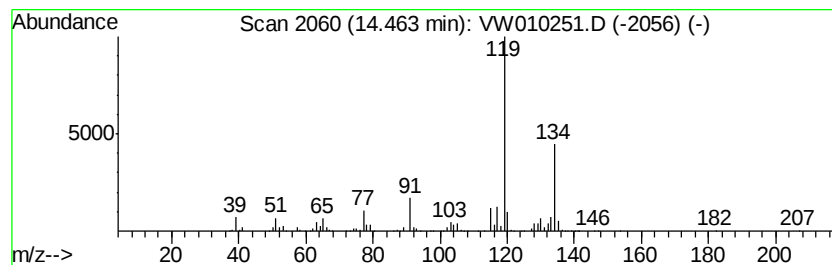
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	7.61 ug/L	597942	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GAJ79

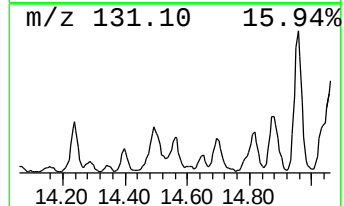
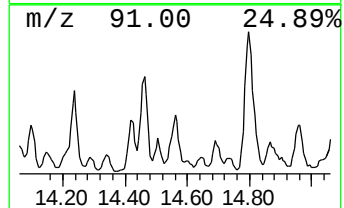
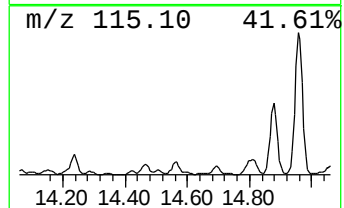
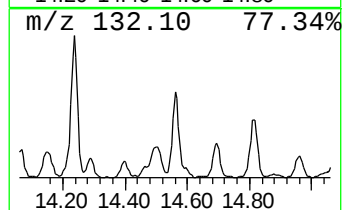
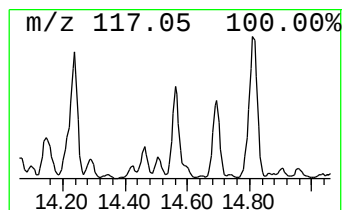
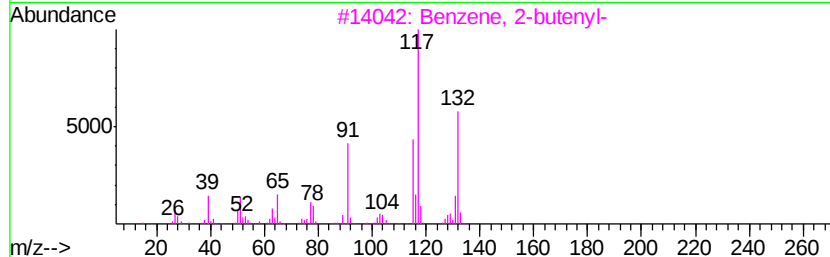
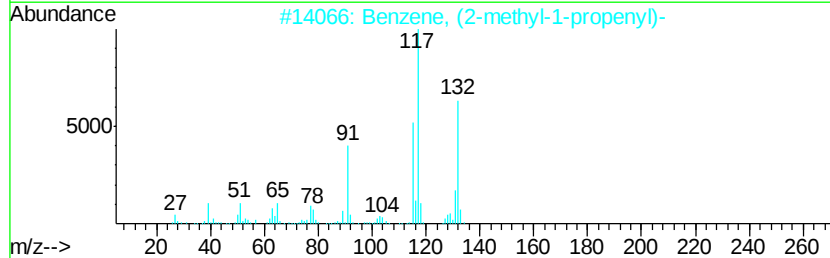
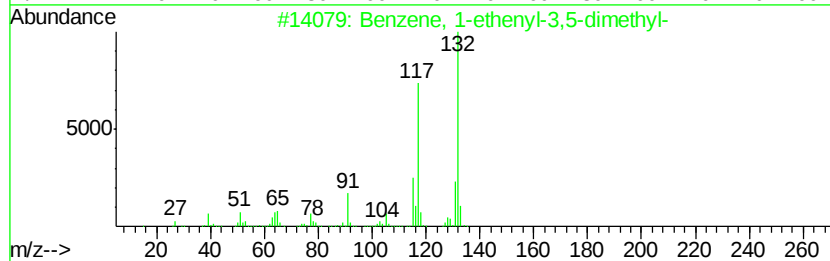
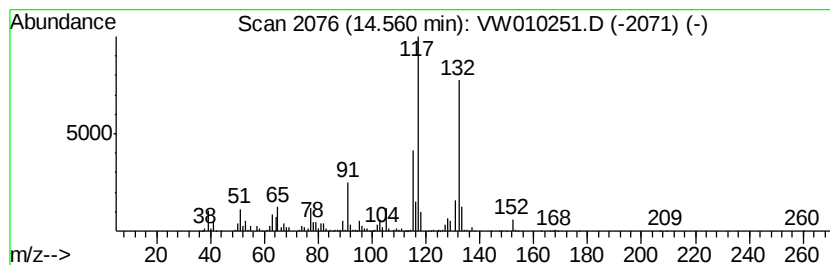
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 19 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	6.54 ug/L	513454	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3			Benzene, 2-butenyl-	132	C10H12	001560-06-1	94
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	94
5			Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

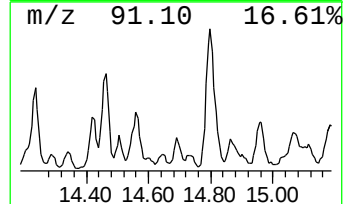
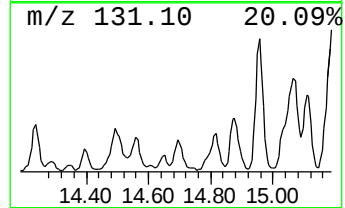
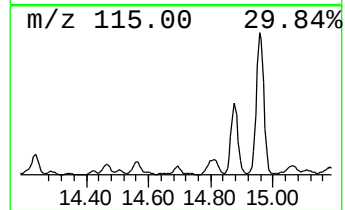
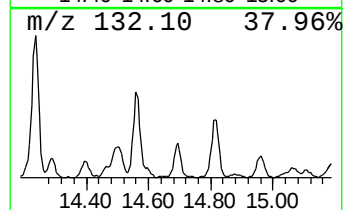
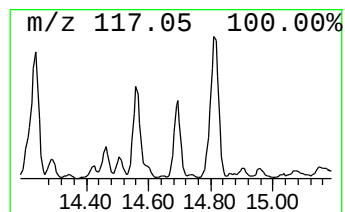
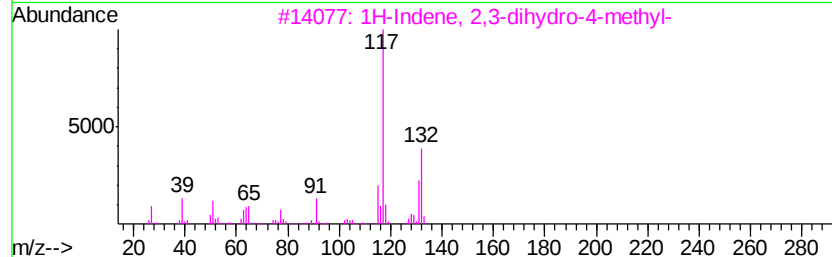
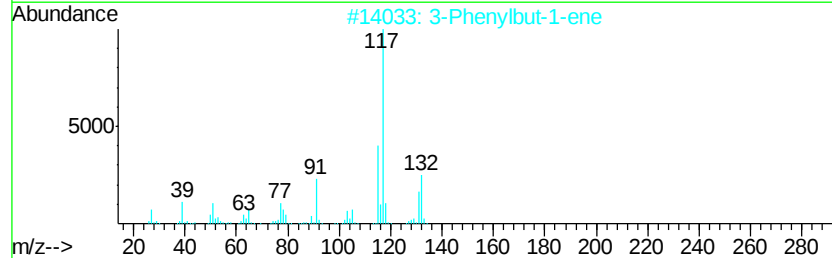
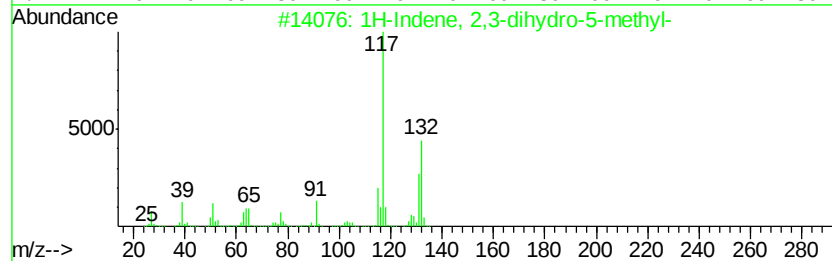
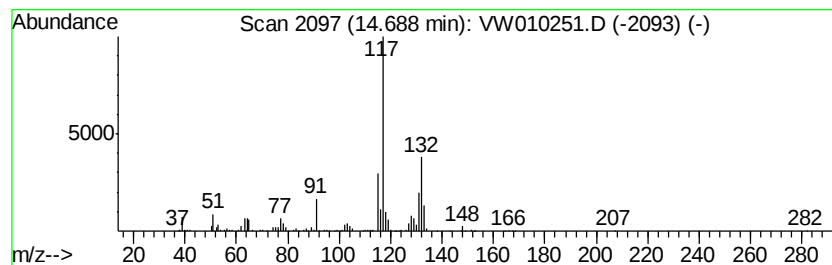
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 20 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.92 ug/L	308215	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2		3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
4		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

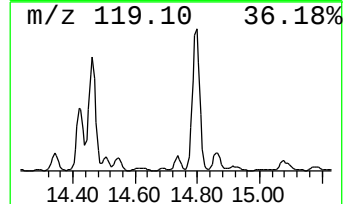
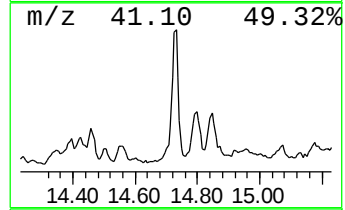
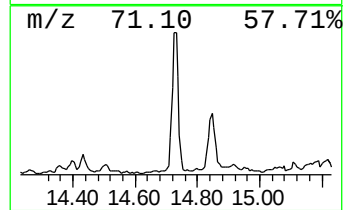
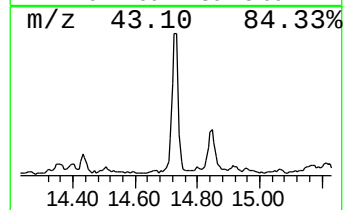
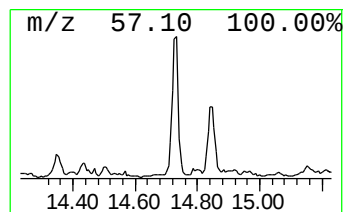
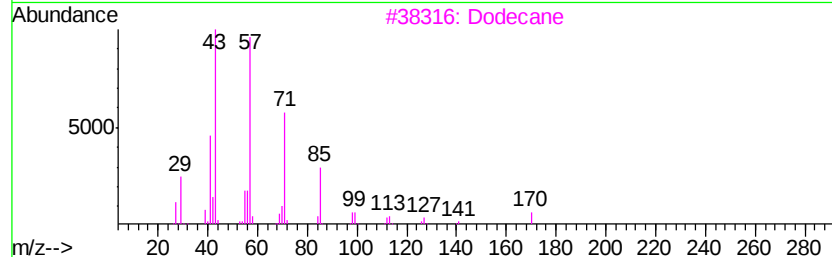
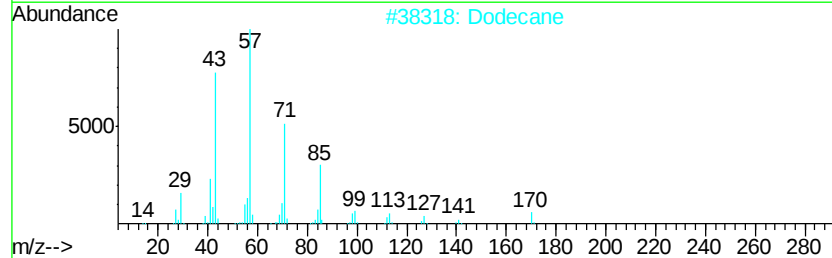
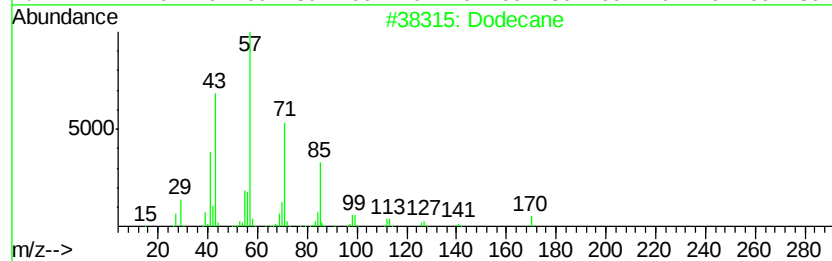
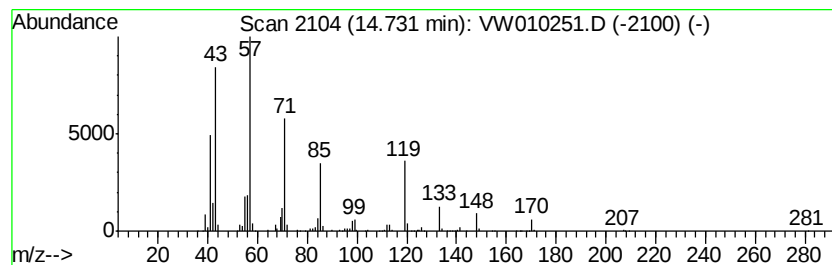
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	6.86 ug/L	538588	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane			170	C12H26	000112-40-3	95
2	Dodecane			170	C12H26	000112-40-3	64
3	Dodecane			170	C12H26	000112-40-3	60
4	Tridecane			184	C13H28	000629-50-5	52
5	Hexadecane			226	C16H34	000544-76-3	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

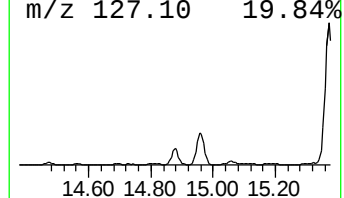
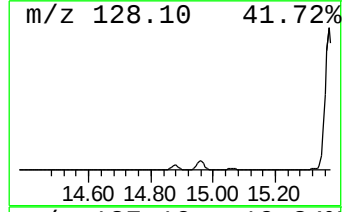
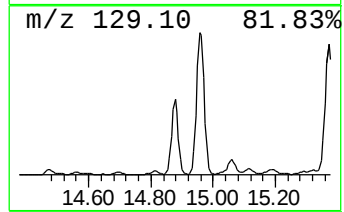
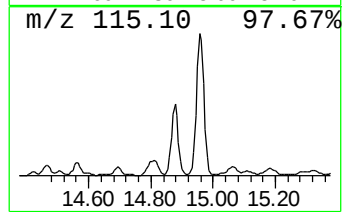
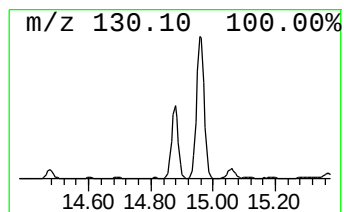
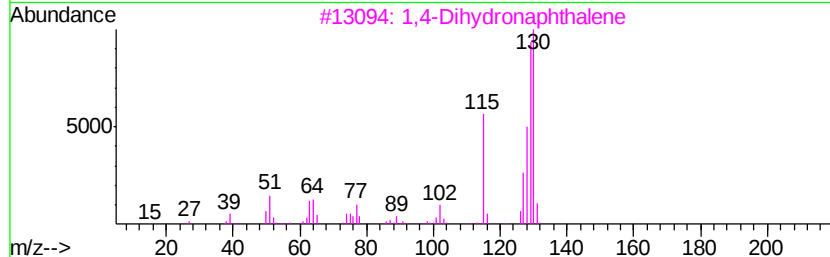
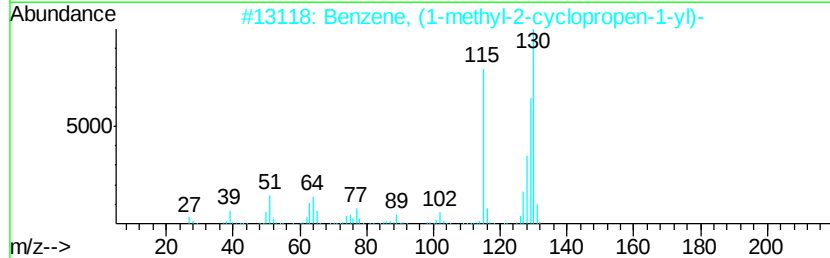
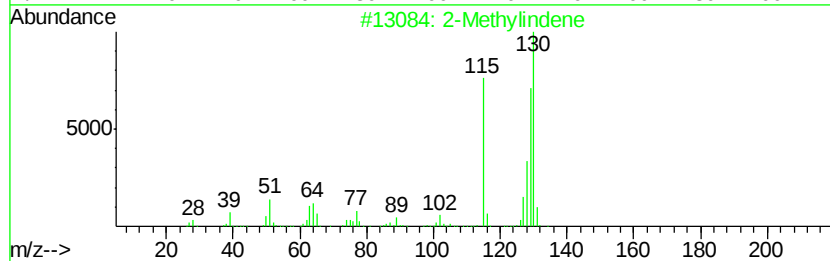
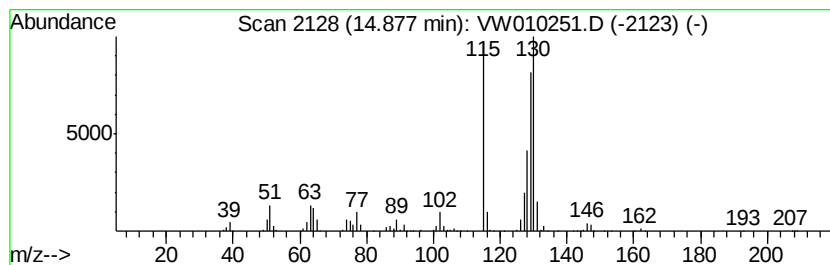
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 23 2-Methylindene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	19.78 ug/L	1553380	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	96
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

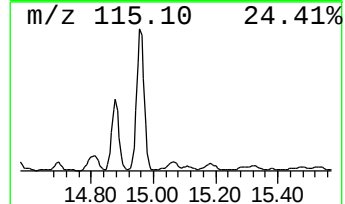
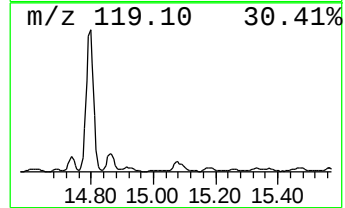
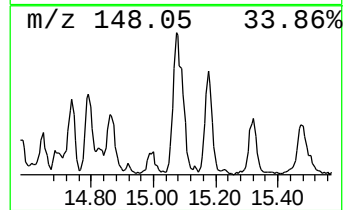
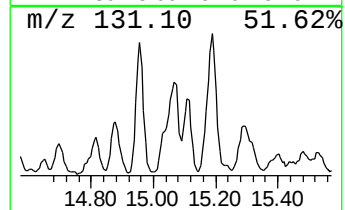
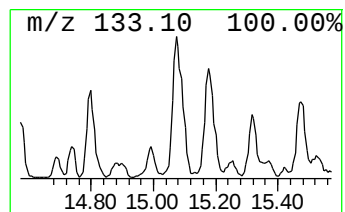
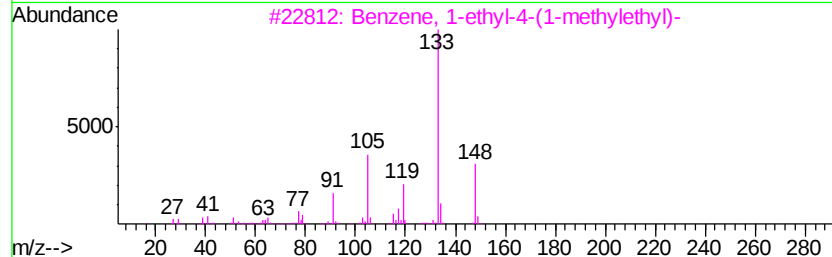
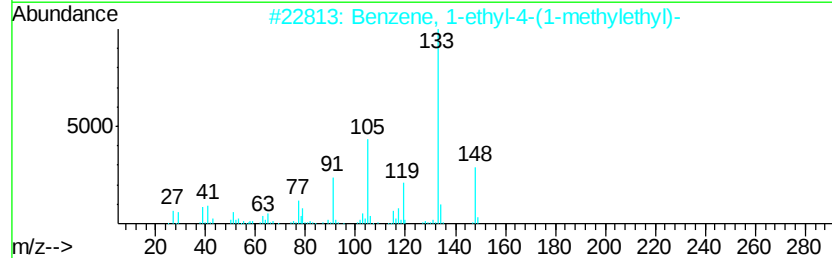
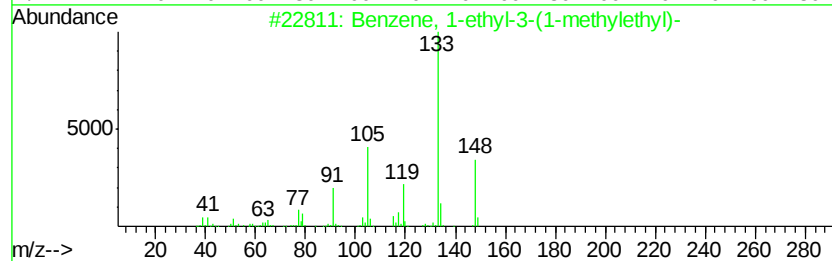
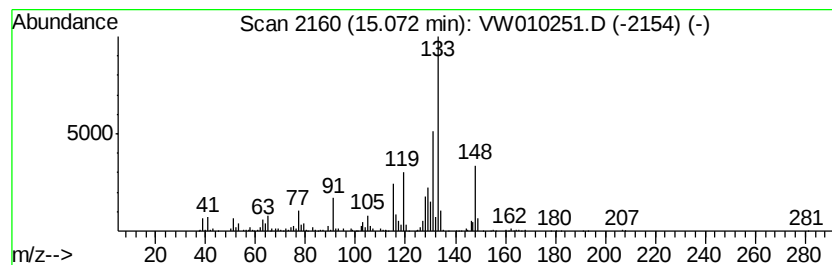
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 25 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	5.71 ug/L	448858	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	38
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	30
4		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	27
5		Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

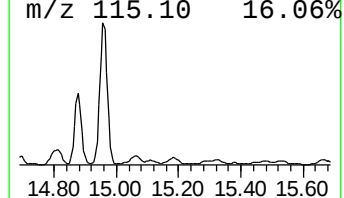
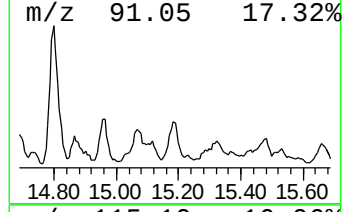
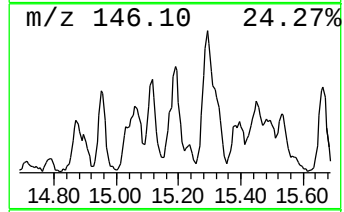
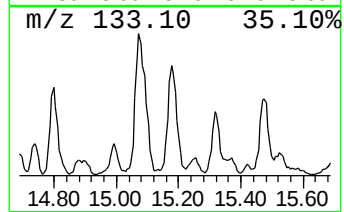
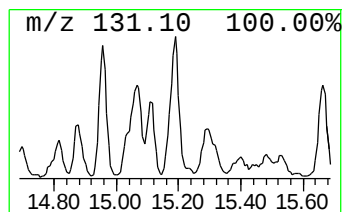
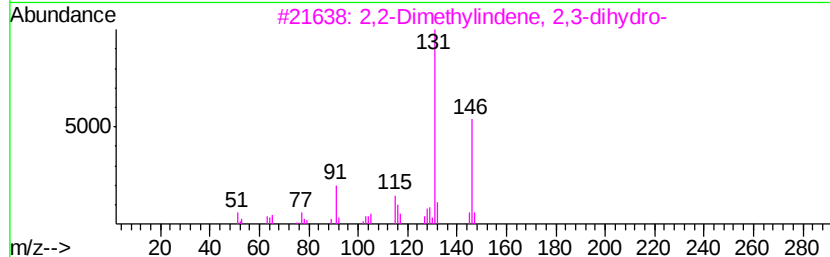
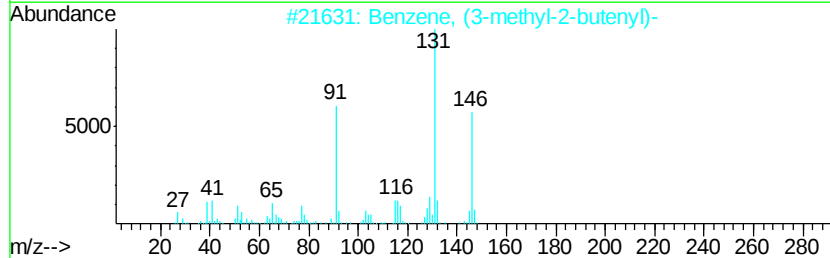
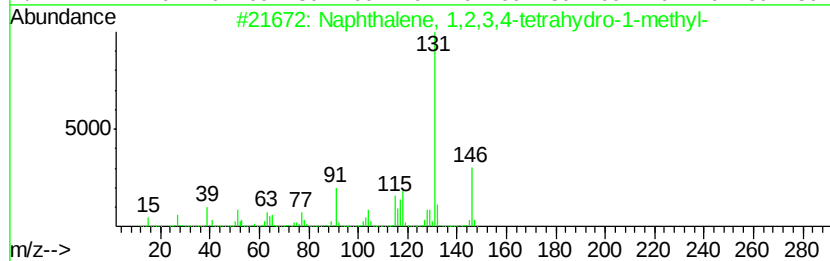
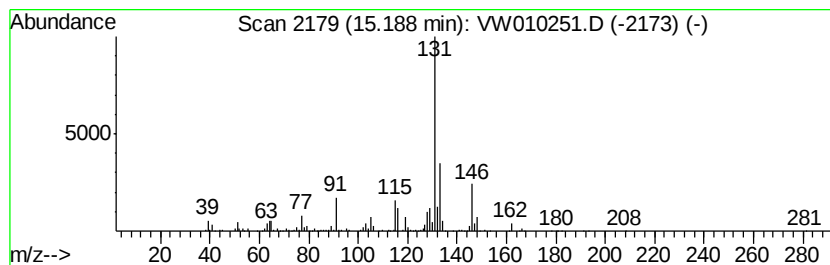
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 26 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.13 ug/L	481171	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
3		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

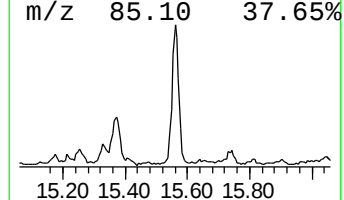
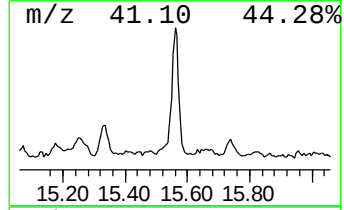
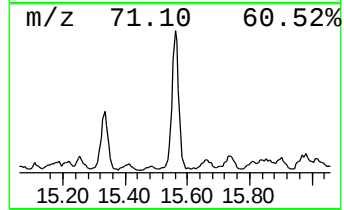
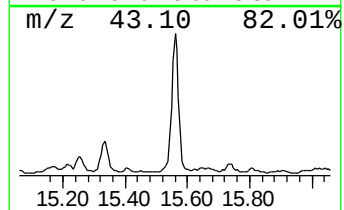
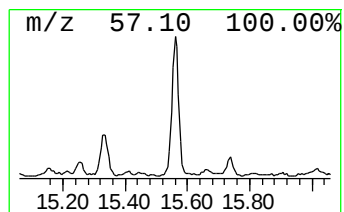
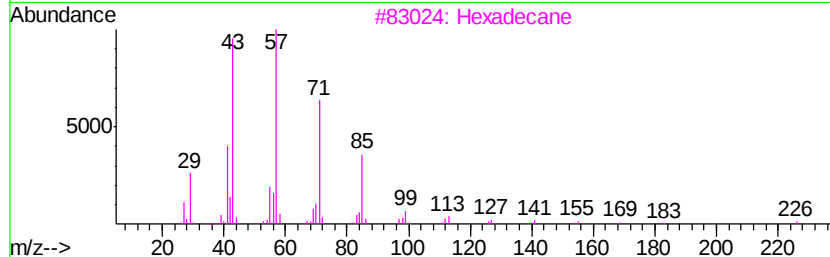
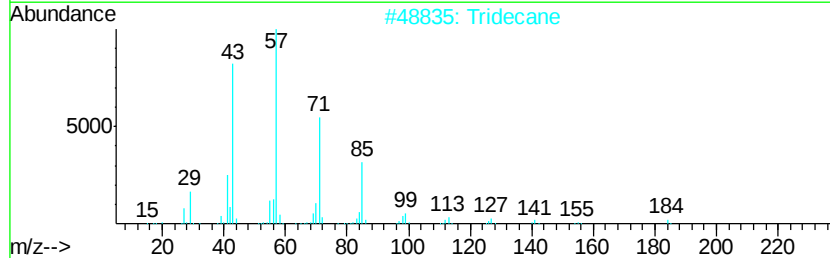
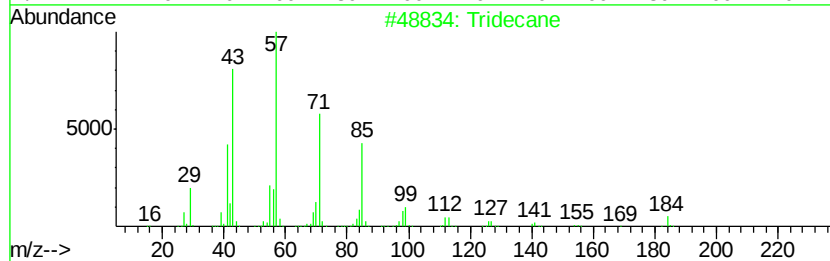
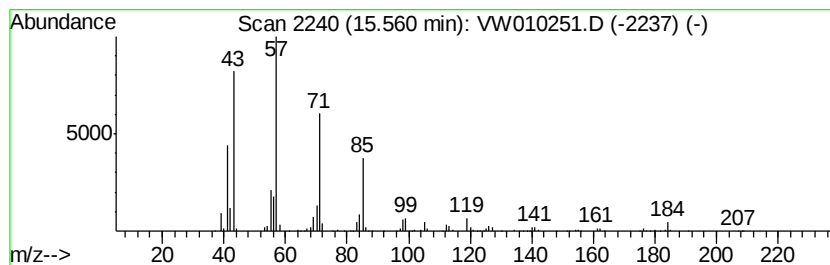
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	8.87 ug/L	697140	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	90
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tridecane	184	C13H28	000629-50-5	81
5			Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

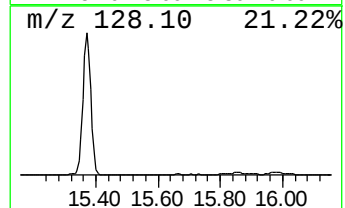
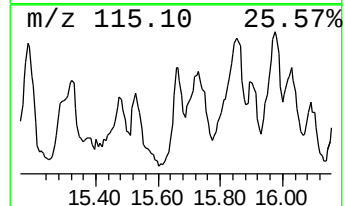
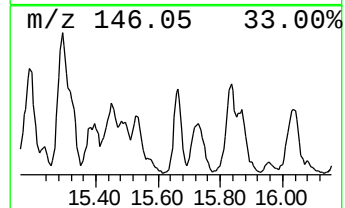
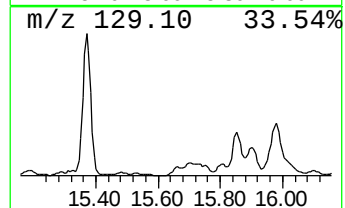
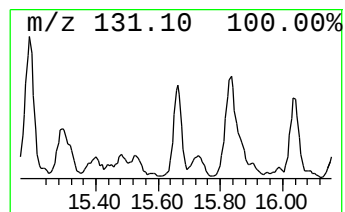
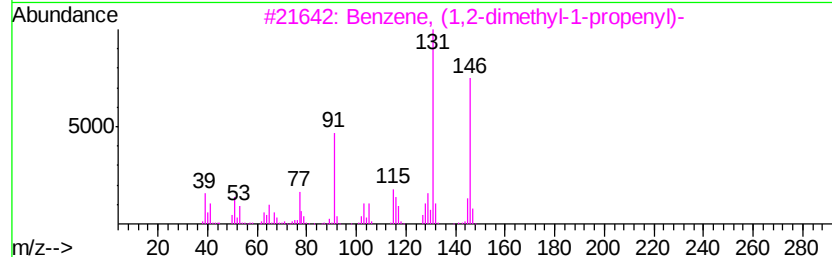
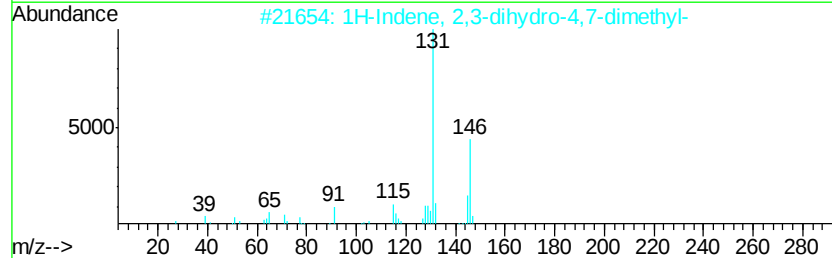
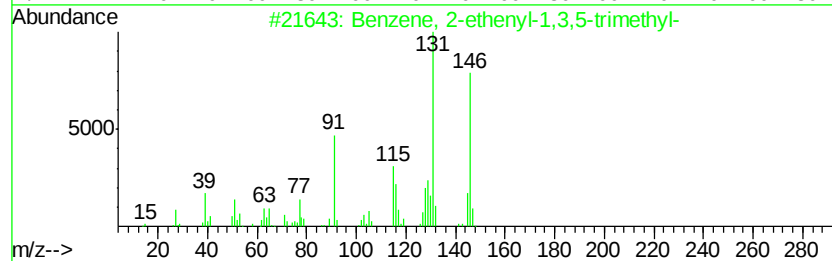
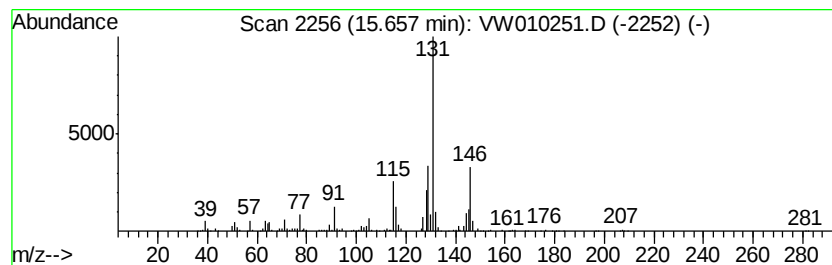
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 29 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.27 ug/L	335197	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	80
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
3			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	74
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	74
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

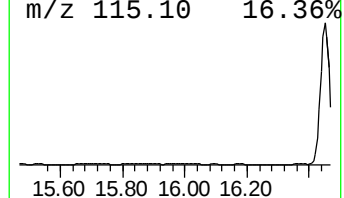
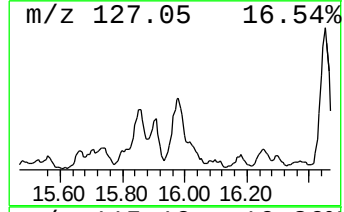
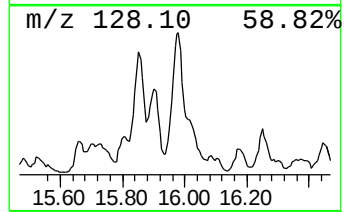
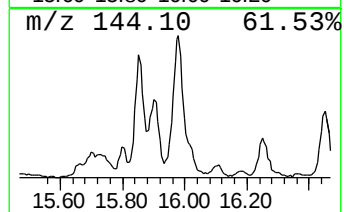
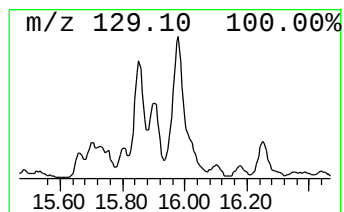
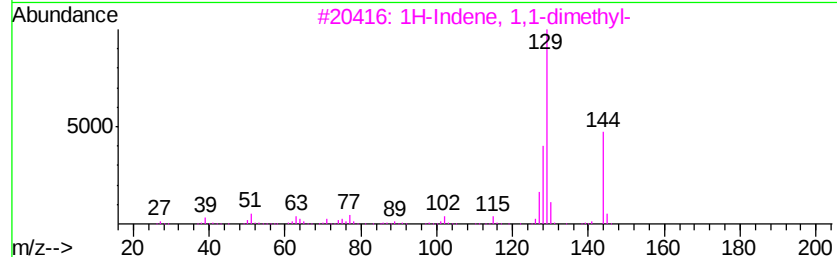
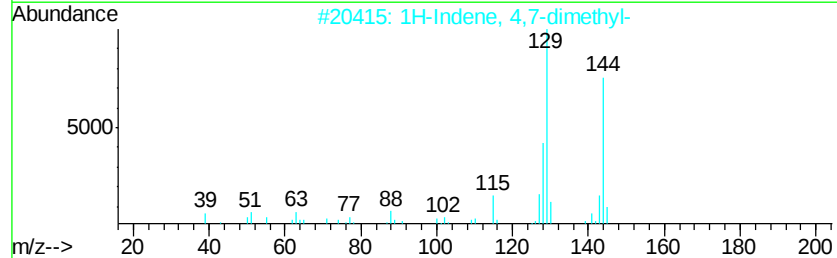
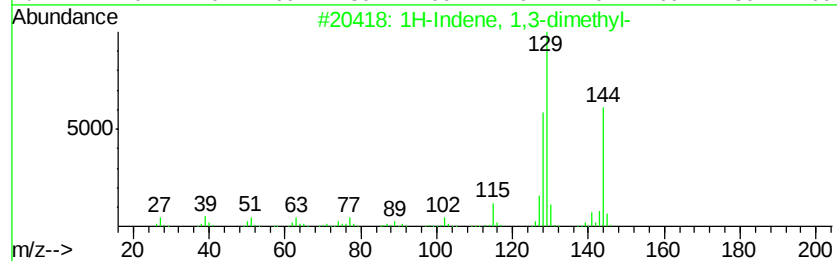
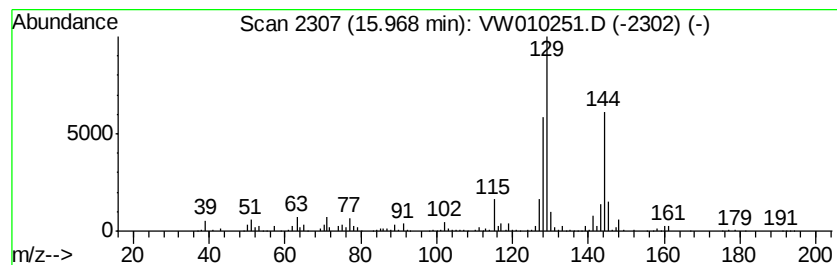
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 30 1H-Indene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	8.46 ug/L	664836	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	96
2			1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	93
3			1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
4			(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	90
5			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050119\
Data File : VW010251.D
Acq On : 01 May 2019 17:46
Operator : SY/VA
Sample : K2604-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAJ79

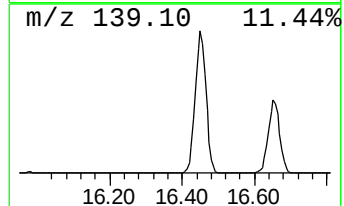
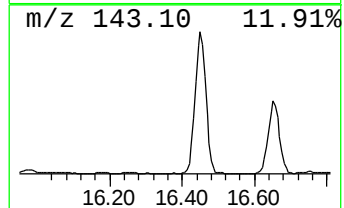
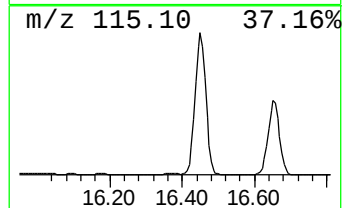
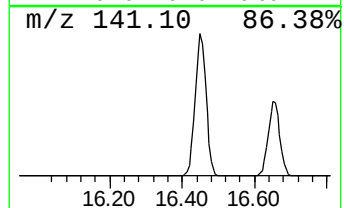
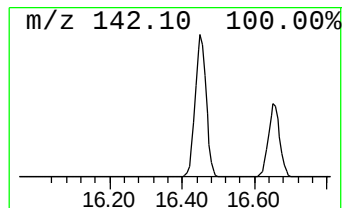
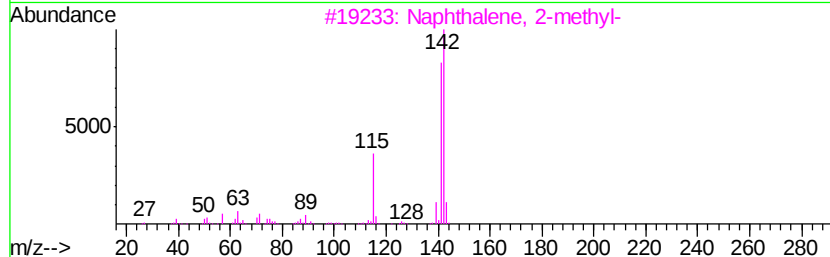
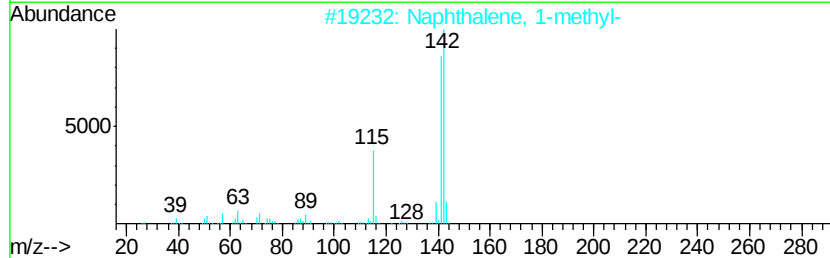
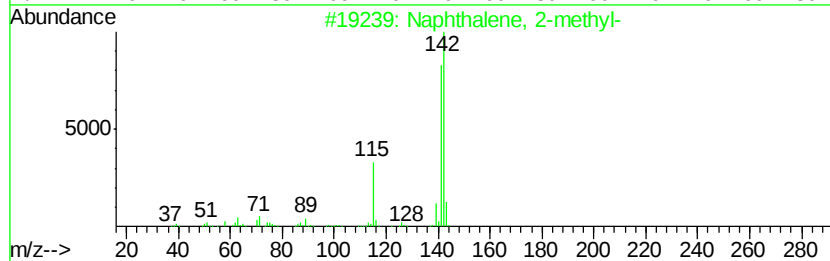
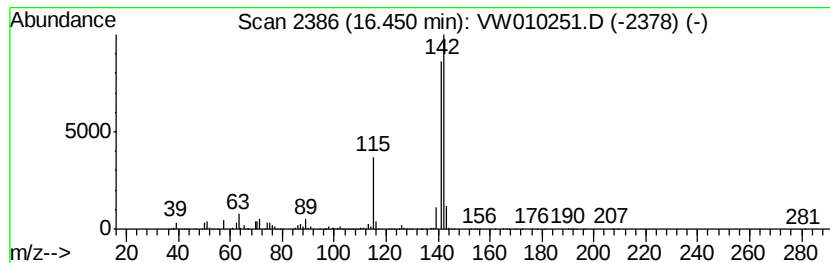
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

Peak Number 31 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	319.88 ug/L	25127300	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
 Data File : VW010251.D
 Acq On : 01 May 2019 17:46
 Operator : SY/VA
 Sample : K2604-05
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAJ79

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.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-...	12.87	1.3	ug/L	104730	3	13.56	1963790	25.0
Mesitylene	12.94	3.7	ug/L	288443	3	13.56	1963790	25.0
Benzene, 1-ethyl-...	13.10	1.3	ug/L	102007	3	13.56	1963790	25.0
Benzene, 1,2,3-tr...	13.26	9.4	ug/L	741083	3	13.56	1963790	25.0
Benzene, 1-etheny...	13.30	4.6	ug/L	363666	3	13.56	1963790	25.0
Benzene, 1-etheny...	13.35	1.5	ug/L	117572	3	13.56	1963790	25.0
Benzene, 2-ethyl-...	13.79	3.8	ug/L	301822	3	13.56	1963790	25.0
Indene	13.94	7.3	ug/L	569684	3	13.56	1963790	25.0
Benzene, 1-ethyl-...	14.02	1.9	ug/L	150832	3	13.56	1963790	25.0
o-Cymene	14.04	3.4	ug/L	268362	3	13.56	1963790	25.0
Benzene, 1-etheny...	14.15	2.3	ug/L	182611	3	13.56	1963790	25.0
p-Cymene	14.34	2.2	ug/L	172180	3	13.56	1963790	25.0
Benzene, 1,2,3,4-...	14.42	7.0	ug/L	549873	3	13.56	1963790	25.0
Benzene, 1,2,4,5-...	14.46	7.6	ug/L	597942	3	13.56	1963790	25.0
Benzene, 1-etheny...	14.56	6.5	ug/L	513454	3	13.56	1963790	25.0
1H-Indene, 2,3-di...	14.69	3.9	ug/L	308215	3	13.56	1963790	25.0
(DEL) Alkane: Str...	14.73	6.9	ug/L	538588	3	13.56	1963790	25.0
2-Methylindene	14.88	19.8	ug/L	1553380	3	13.56	1963790	25.0
unknown-01	15.07	5.7	ug/L	448858	3	13.56	1963790	25.0
Naphthalene, 1,2,...	15.19	6.1	ug/L	481171	3	13.56	1963790	25.0
(DEL) Alkane: Str...	15.56	8.9	ug/L	697140	3	13.56	1963790	25.0
Benzene, 2-etheny...	15.66	4.3	ug/L	335197	3	13.56	1963790	25.0
1H-Indene, 1,3-di...	15.97	8.5	ug/L	664836	3	13.56	1963790	25.0
Naphthalene, 1-me...	16.45	319.9	ug/L	25127300	3	13.56	1963790	25.0