

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009879.D
 Acq On : 10 Apr 2019 13:00
 Operator : SY/VA
 Sample : K2254-19
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC40

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\SOM2WLM040319S.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	1.952	6	8	15	rVB	31829	49270	3.10%	0.186%
2	2.324	63	69	70	rBV2	36741	57145	3.60%	0.216%
3	2.355	70	74	87	rVV	98879	236434	14.90%	0.892%
4	2.495	93	97	106	rVB2	13974	31875	2.01%	0.120%
5	2.891	154	162	178	rVV2	80201	228360	14.39%	0.862%
6	3.525	261	266	273	rBV3	8217	19994	1.26%	0.075%
7	4.007	333	345	355	rVV	162357	526587	33.18%	1.987%
8	4.116	355	363	379	rVV	212456	589993	37.17%	2.227%
9	4.379	398	406	418	rVV2	21012	69277	4.36%	0.261%
10	4.909	481	493	506	rBV4	28681	122332	7.71%	0.462%
11	5.177	528	537	546	rVB5	7279	22959	1.45%	0.087%
12	5.787	627	637	649	rVB4	12267	40820	2.57%	0.154%
13	5.933	649	661	671	rVB4	13133	40849	2.57%	0.154%
14	6.903	810	820	827	rBV6	8105	27228	1.72%	0.103%
15	7.073	840	848	856	rBV	69405	189476	11.94%	0.715%
16	7.171	857	864	878	rVB	73371	197792	12.46%	0.746%
17	7.646	931	942	958	rVB	305382	735397	46.33%	2.775%
18	8.274	1032	1045	1063	rBV2	503786	1587278	100.00%	5.991%
19	8.701	1106	1115	1125	rBV3	16888	46577	2.93%	0.176%
20	8.841	1128	1138	1149	rBV	517813	1016727	64.05%	3.837%
21	9.067	1166	1175	1183	rBV6	10860	28470	1.79%	0.107%
22	9.274	1200	1209	1217	rBV	368963	771526	48.61%	2.912%
23	9.530	1246	1251	1258	rBV5	11406	24422	1.54%	0.092%
24	9.664	1268	1273	1278	rBV4	7107	15310	0.96%	0.058%
25	9.756	1282	1288	1300	rVB6	9351	20589	1.30%	0.078%
26	9.890	1300	1310	1316	rBV4	13425	28160	1.77%	0.106%
27	10.036	1327	1334	1340	rBV	164457	295080	18.59%	1.114%
28	10.213	1357	1363	1373	rBV2	30479	66840	4.21%	0.252%
29	10.323	1373	1381	1387	rBV	460365	818448	51.56%	3.089%
30	10.384	1387	1391	1403	rVB	53948	117596	7.41%	0.444%
31	10.506	1403	1411	1416	rBV6	15735	36481	2.30%	0.138%
32	10.579	1416	1423	1433	rBV2	111975	206750	13.03%	0.780%
33	10.829	1458	1464	1472	rVB2	45163	107782	6.79%	0.407%
34	10.926	1473	1480	1494	rBV2	266157	524283	33.03%	1.979%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009879.D
 Acq On : 10 Apr 2019 13:00
 Operator : SY/VA
 Sample : K2254-19
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC40

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\SOM2WLM040319S.M
 Title : VOC Analysis

35	11.176	1517	1521	1525	rBV6	16809	29309	1.85%	0.111%
36	11.225	1525	1529	1533	rVV4	25814	45636	2.88%	0.172%
37	11.286	1534	1539	1544	rVV7	24003	60564	3.82%	0.229%
38	11.341	1544	1548	1551	rVV4	15385	27020	1.70%	0.102%
39	11.408	1555	1559	1567	rVB4	30200	61671	3.89%	0.233%
40	11.518	1572	1577	1581	rBV2	32473	58975	3.72%	0.223%
41	11.633	1589	1596	1603	rBV	433460	748498	47.16%	2.825%
42	11.731	1604	1612	1622	rBV	109815	199219	12.55%	0.752%
43	11.835	1622	1629	1634	rBV	159440	325930	20.53%	1.230%
44	12.060	1663	1666	1671	rVB2	12893	21528	1.36%	0.081%
45	12.170	1673	1684	1690	rBV	169966	359734	22.66%	1.358%
46	12.249	1691	1697	1702	rVB2	29297	58522	3.69%	0.221%
47	12.365	1703	1716	1721	rBV5	45133	148311	9.34%	0.560%
48	12.469	1727	1733	1738	rBV3	95266	178464	11.24%	0.674%
49	12.524	1738	1742	1747	rVV6	24381	48004	3.02%	0.181%
50	12.609	1752	1756	1760	rVB	54695	80833	5.09%	0.305%
51	12.652	1760	1763	1765	rBV2	21138	22780	1.44%	0.086%
52	12.694	1765	1770	1777	rVB	205620	335999	21.17%	1.268%
53	12.804	1781	1788	1791	rBV2	37381	81442	5.13%	0.307%
54	12.871	1794	1799	1802	rBV2	148658	265016	16.70%	1.000%
55	12.938	1805	1810	1816	rVB3	361473	713820	44.97%	2.694%
56	13.036	1823	1826	1830	rBV5	16309	21109	1.33%	0.080%
57	13.103	1830	1837	1843	rBV	130386	328382	20.69%	1.239%
58	13.164	1843	1847	1855	rVV	350145	530664	33.43%	2.003%
59	13.255	1855	1862	1866	rVV	471550	754705	47.55%	2.848%
60	13.298	1866	1869	1873	rVB3	46597	67031	4.22%	0.253%
61	13.347	1874	1877	1880	rBV2	33205	48226	3.04%	0.182%
62	13.444	1885	1893	1897	rVV6	96284	207009	13.04%	0.781%
63	13.487	1897	1900	1904	rVV6	86992	133301	8.40%	0.503%
64	13.523	1904	1906	1908	rVV3	42028	46796	2.95%	0.177%
65	13.560	1908	1912	1914	rVV	254657	384479	24.22%	1.451%
66	13.590	1914	1917	1921	rVV	263808	414552	26.12%	1.565%
67	13.627	1921	1923	1929	rVB	123449	159976	10.08%	0.604%
68	13.718	1931	1938	1940	rBV4	90966	189392	11.93%	0.715%
69	13.755	1940	1944	1947	rVV2	148249	223712	14.09%	0.844%
70	13.792	1947	1950	1954	rVV2	196024	320794	20.21%	1.211%
71	13.877	1958	1964	1969	rVB2	804029	1247467	78.59%	4.708%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009879.D
 Acq On : 10 Apr 2019 13:00
 Operator : SY/VA
 Sample : K2254-19
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC40

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\SOM2WLM040319S.M
 Title : VOC Analysis

72	13.950	1974	1976	1979	rVB	60400	65556	4.13%	0.247%
73	14.017	1983	1987	1989	rBV	123044	187903	11.84%	0.709%
74	14.096	1996	2000	2005	rVB	319712	480332	30.26%	1.813%
75	14.206	2013	2018	2023	rBV3	157363	271671	17.12%	1.025%
76	14.267	2024	2028	2034	rVB7	67720	139655	8.80%	0.527%
77	14.346	2035	2041	2045	rBV5	134818	302012	19.03%	1.140%
78	14.395	2045	2049	2050	rVV3	173914	257690	16.23%	0.973%
79	14.426	2050	2054	2057	rVV	339124	613172	38.63%	2.314%
80	14.462	2057	2060	2064	rVV	335917	487379	30.71%	1.839%
81	14.505	2064	2067	2071	rVV	210395	308647	19.45%	1.165%
82	14.548	2071	2074	2081	rVB3	116962	196710	12.39%	0.742%
83	14.645	2088	2090	2094	rVB2	52527	62511	3.94%	0.236%
84	14.694	2094	2098	2100	rBV2	85715	128238	8.08%	0.484%
85	14.730	2100	2104	2109	rVB2	624857	901313	56.78%	3.402%
86	14.797	2110	2115	2121	rBV3	312265	767600	48.36%	2.897%
87	14.968	2139	2143	2149	rVB5	37677	63853	4.02%	0.241%
88	15.072	2155	2160	2172	rBV2	186527	427295	26.92%	1.613%
89	15.175	2172	2177	2183	rBV3	125172	282998	17.83%	1.068%
90	15.334	2198	2203	2206	rBV3	142550	260975	16.44%	0.985%
91	15.371	2206	2209	2212	rVB	87681	129825	8.18%	0.490%
92	15.474	2222	2226	2231	rBV3	93282	167930	10.58%	0.634%
93	15.560	2235	2240	2249	rVB	538292	982059	61.87%	3.706%
94	15.669	2250	2258	2265	rBV4	81869	229884	14.48%	0.868%
95	15.956	2303	2305	2310	rVB2	36892	52977	3.34%	0.200%
96	16.181	2334	2342	2347	rBV10	52654	137873	8.69%	0.520%
97	16.297	2358	2361	2366	rVB3	34172	51495	3.24%	0.194%
98	16.450	2381	2386	2391	rBV	98957	225651	14.22%	0.852%
99	16.505	2391	2395	2401	rVB2	104794	198193	12.49%	0.748%
100	16.651	2413	2419	2433	rVB	87315	267756	16.87%	1.011%

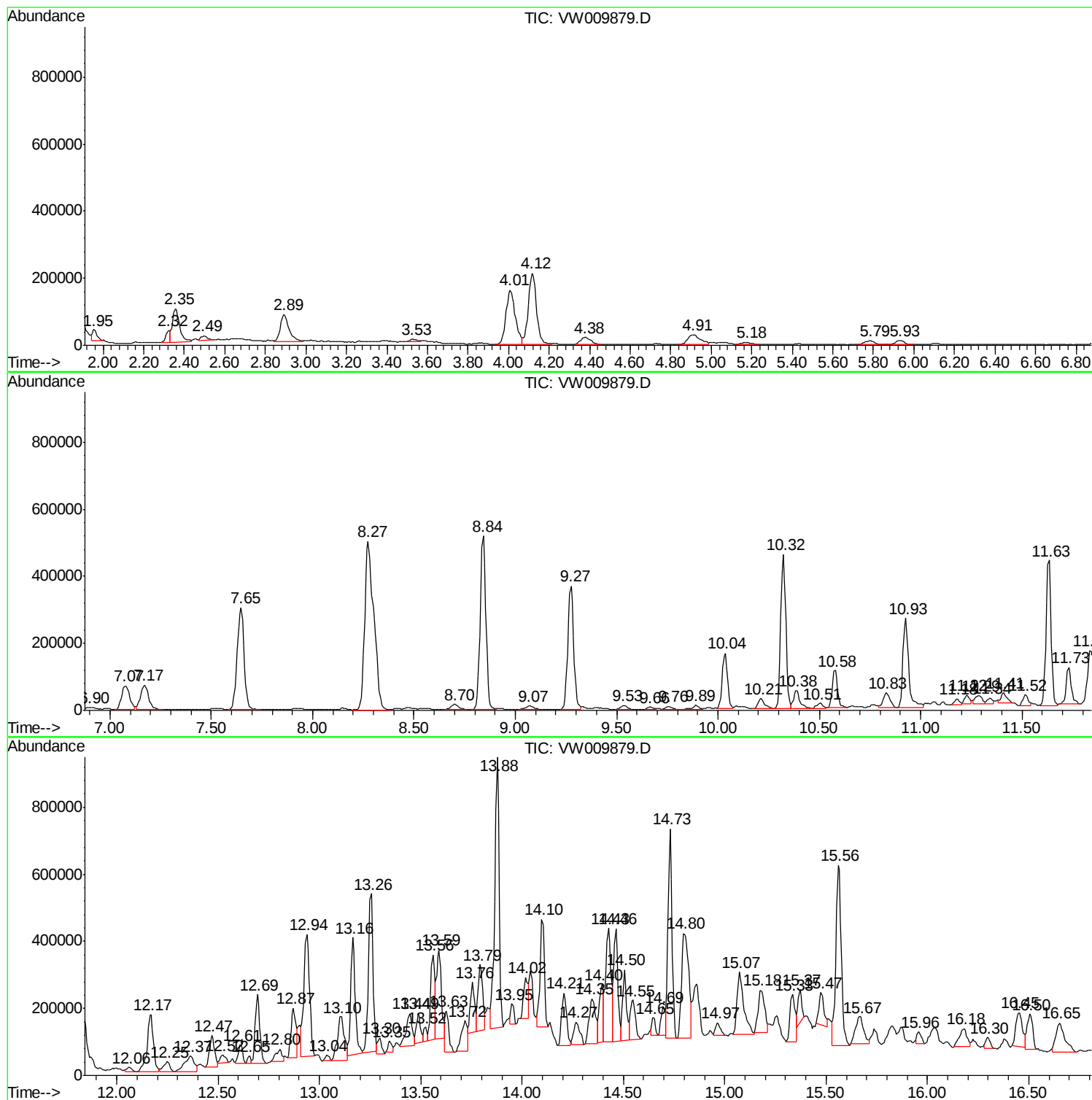
Sum of corrected areas: 26496130

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

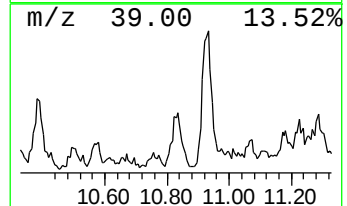
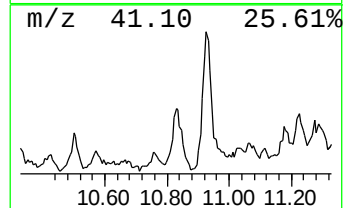
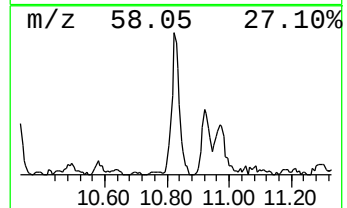
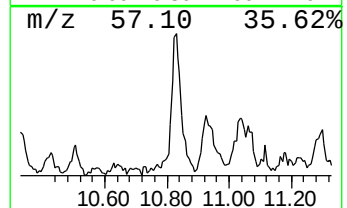
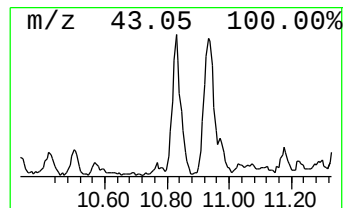
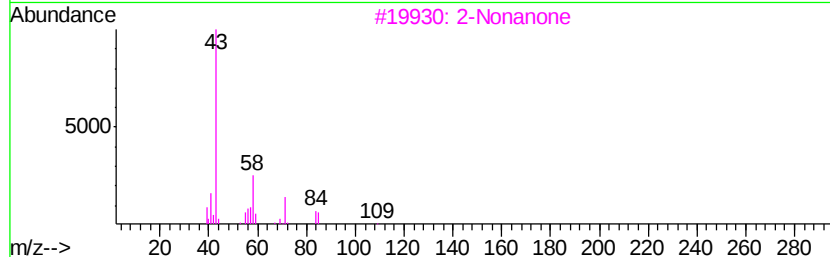
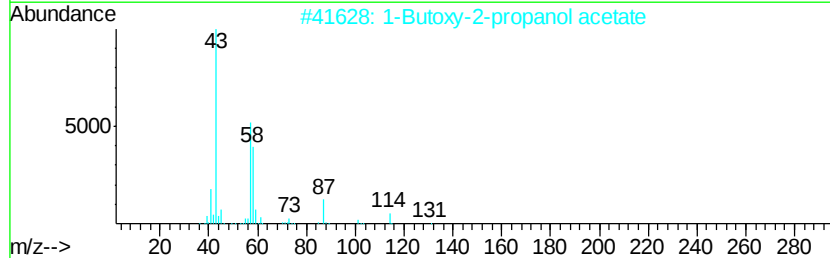
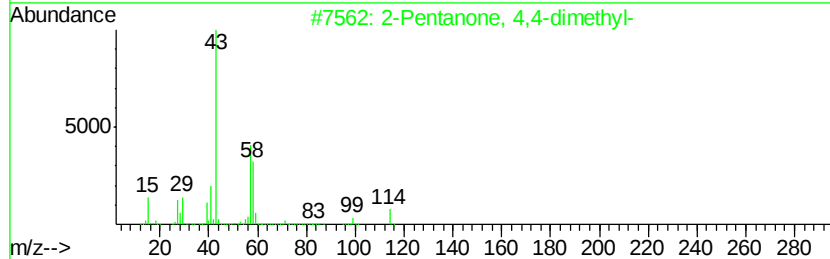
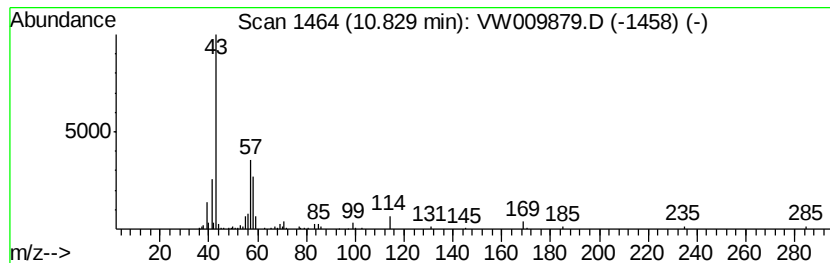
Instrument :
MSVOA_W
ClientSampleId :
BFC40

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 2 2-Pentanone, 4,4-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.83	3.60 ug/L	107782	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	64	
2	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	59	
3	2-Nonanone	142	C9H18O	000821-55-6	50	
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	38	
5	2-Heptanone	114	C7H14O	000110-43-0	35	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

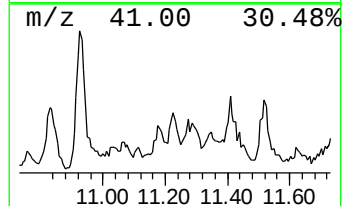
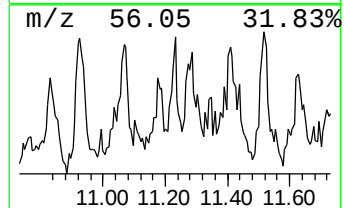
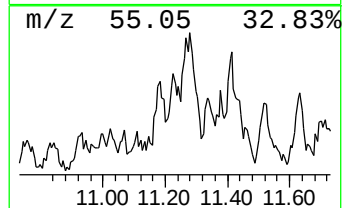
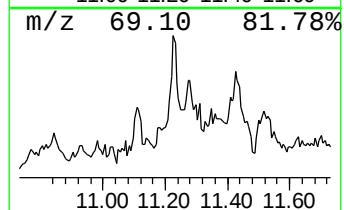
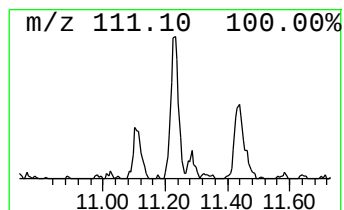
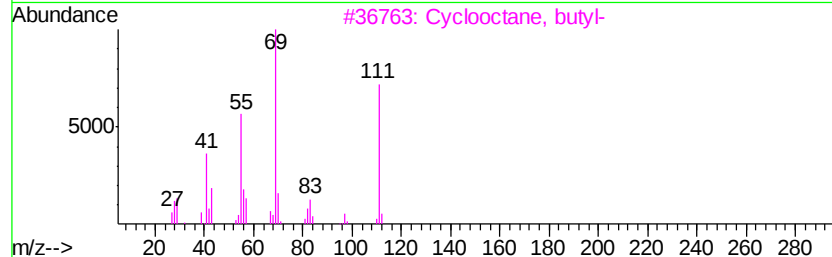
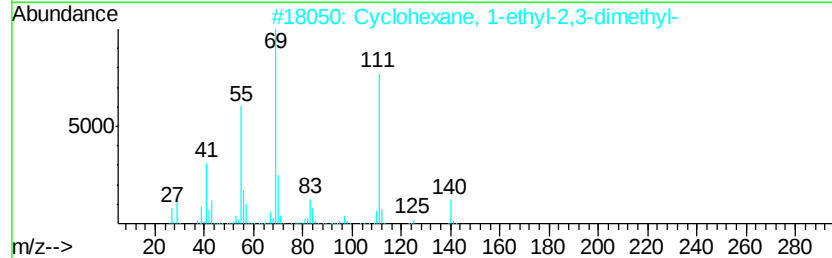
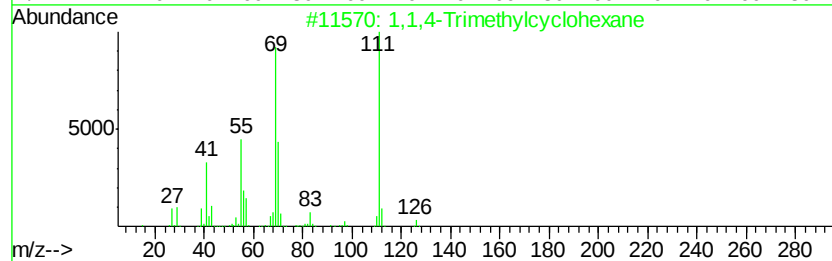
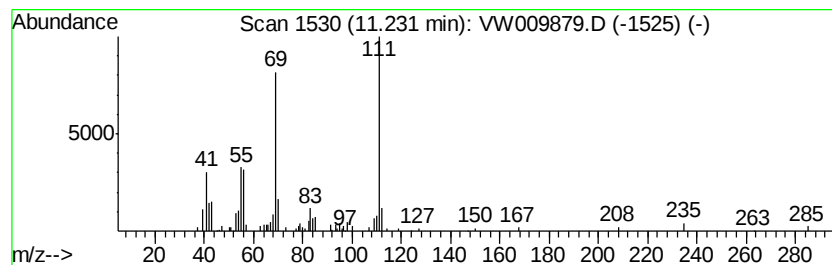
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic11.23 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	1.52 ug/L	45636	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	78
2		Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	59
3		Cyclooctane, butyl-	168	C12H24	016538-93-5	59
4		Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	59
5		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

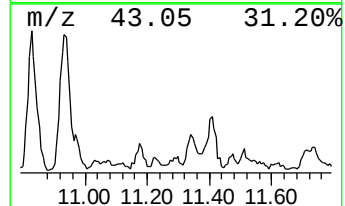
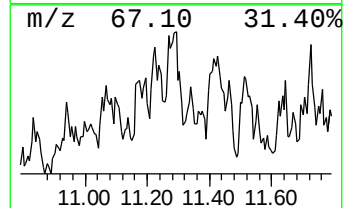
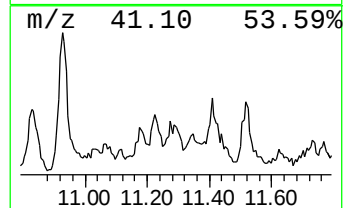
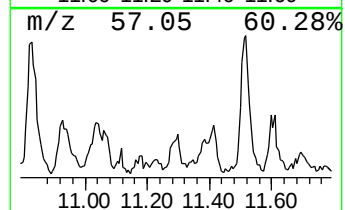
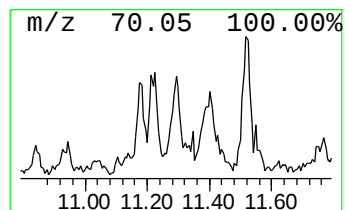
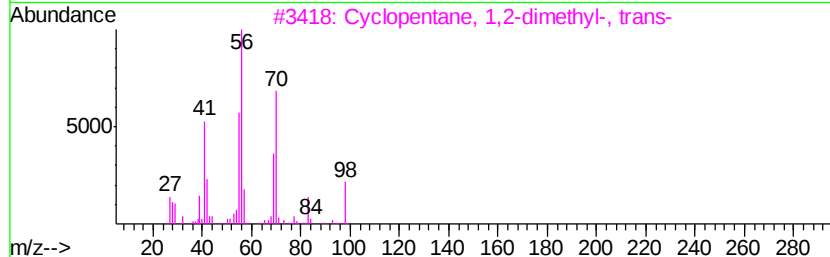
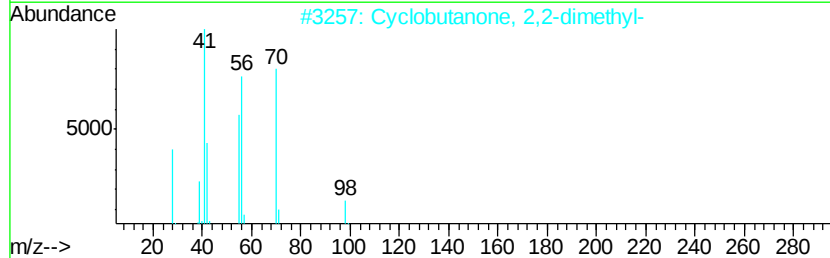
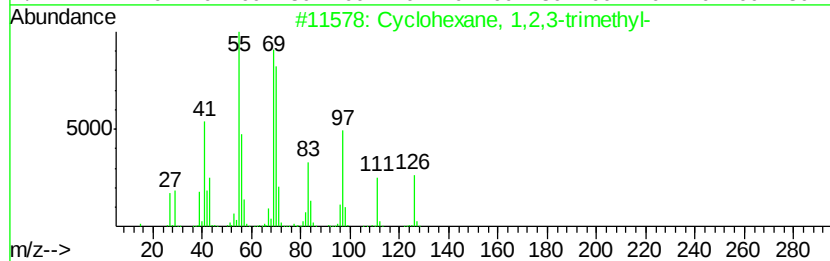
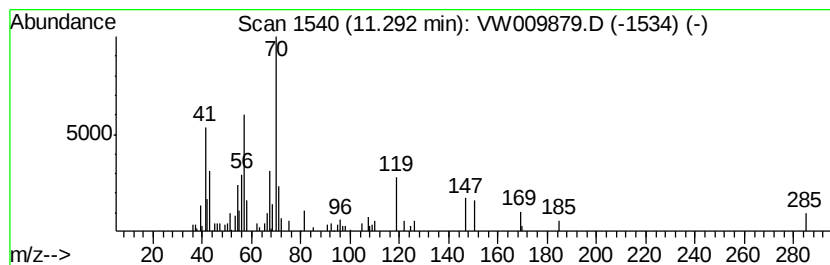
Instrument :
MSVOA_W
ClientSampleId :
BFC40

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic11.29 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.29	2.02 ug/L	60564	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	43
2		Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	27
3		Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	14
4		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	14
5		1-Heptadecene	238	C17H34	006765-39-5	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

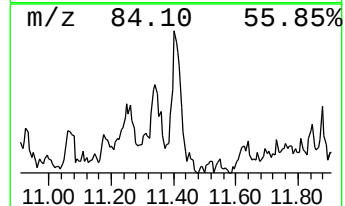
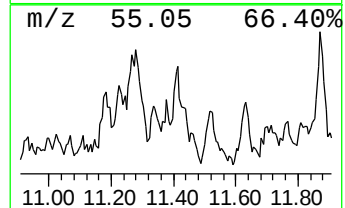
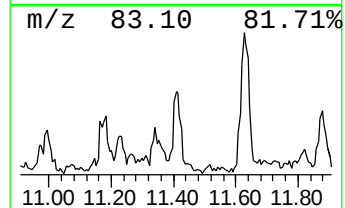
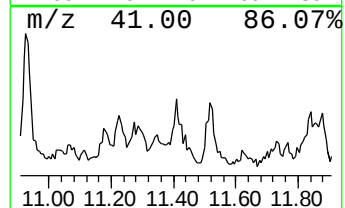
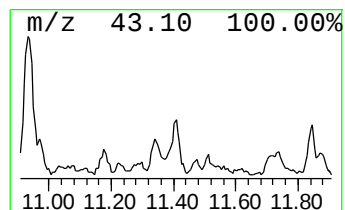
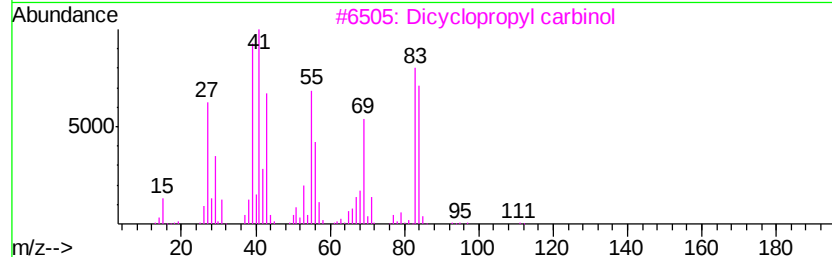
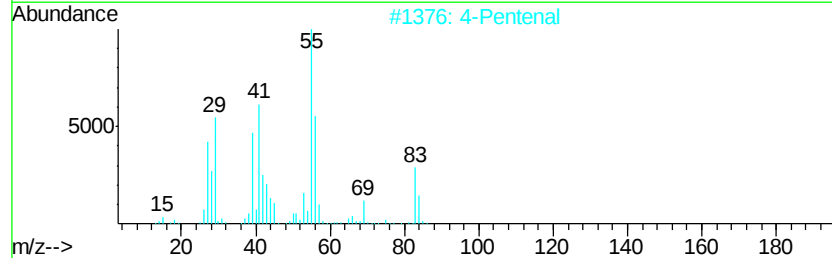
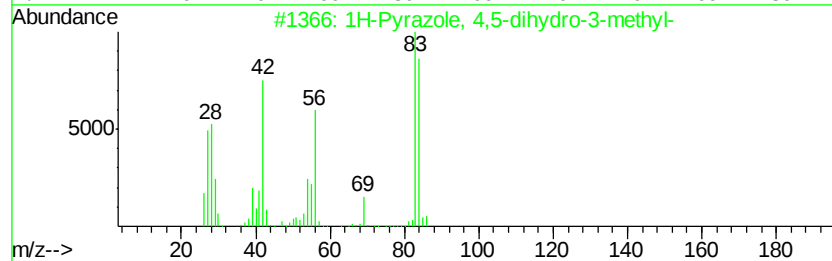
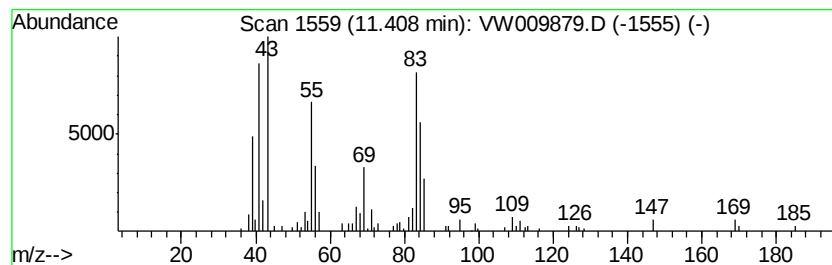
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 5 1H-Pyrazole, 4,5-dihydro-3-... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.06 ug/L	61671	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Pyrazole, 4,5-dihydro-3-methyl-	84	C4H8N2	001911-30-4	50
2		4-Pentenal	84	C5H8O	002100-17-6	43
3		Dicyclopropyl carbinol	112	C7H12O	014300-33-5	43
4		5-Oxa-6-azaspiro[3.4]oct-6-ene	111	C6H9NO	1000362-18-0	38
5		3-Hexene, (E)-	84	C6H12	013269-52-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

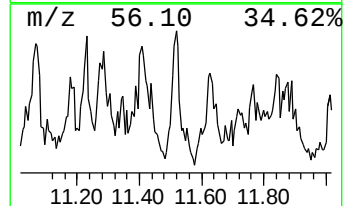
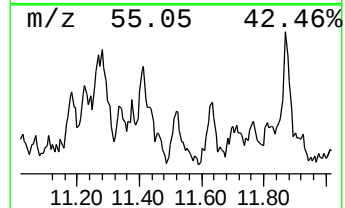
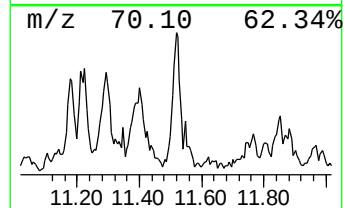
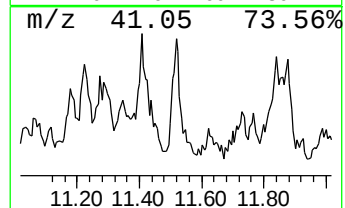
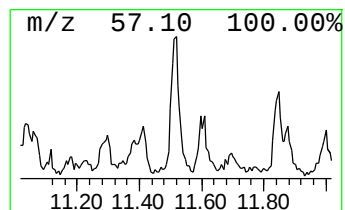
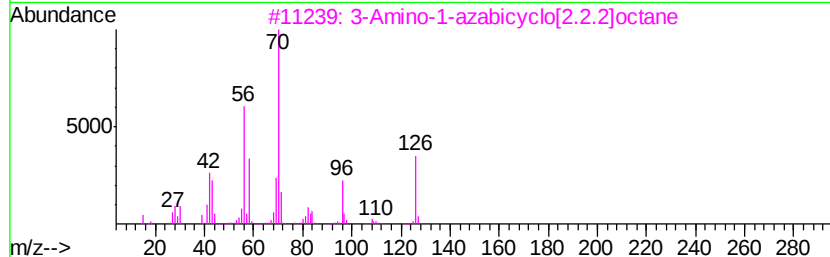
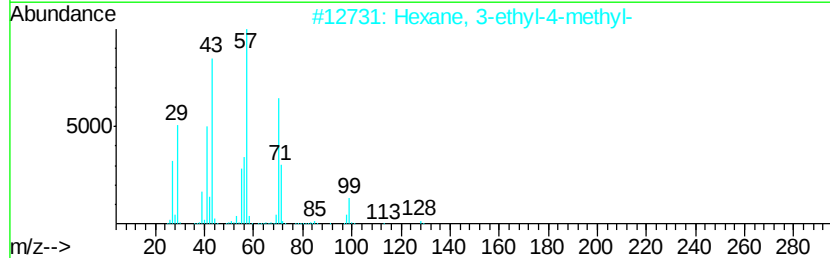
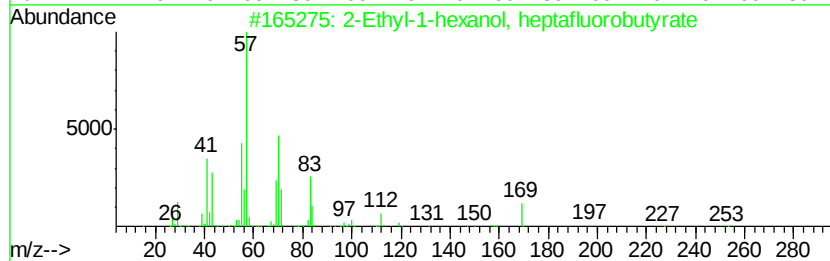
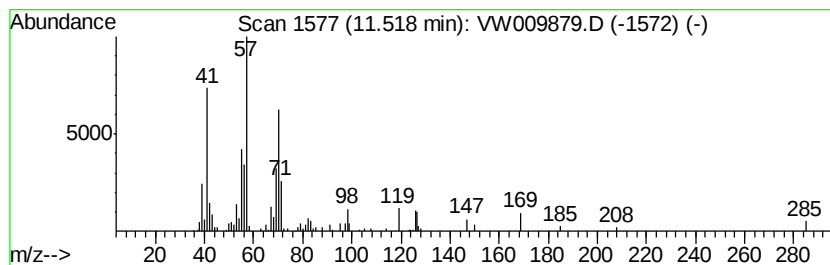
Instrument :
MSVOA_W
ClientSampleId :
BFC40

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 6 2-Ethyl-1-hexanol, heptaflu... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.52	1.97 ug/L	58975	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-hexanol, heptafluorobu...	326	C12H17F7O2	1000365-16-0	50	
2	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	50	
3	3-Amino-1-azabicyclo[2.2.2]octane	126	C7H14N2	006238-14-8	43	
4	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	43	
5	Carbonic acid, butyl octyl ester	230	C13H26O3	1000314-63-5	43	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

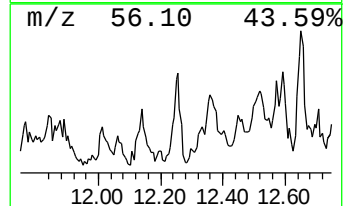
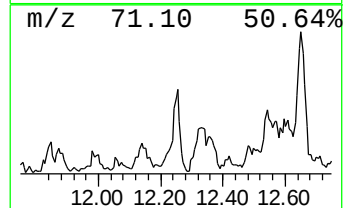
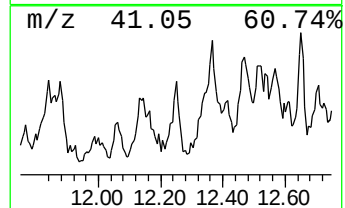
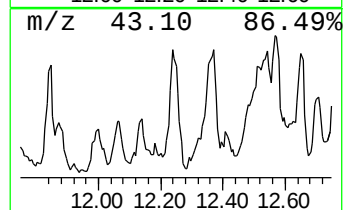
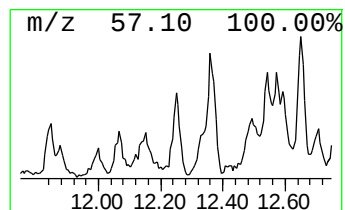
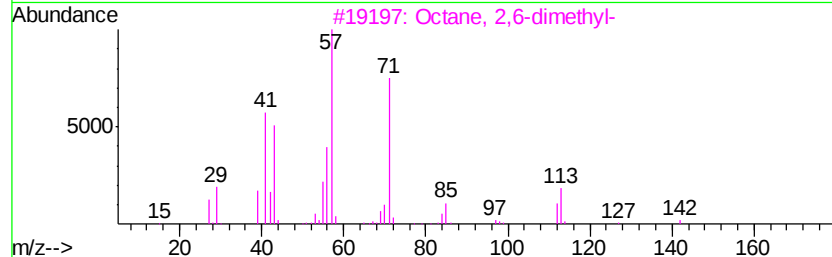
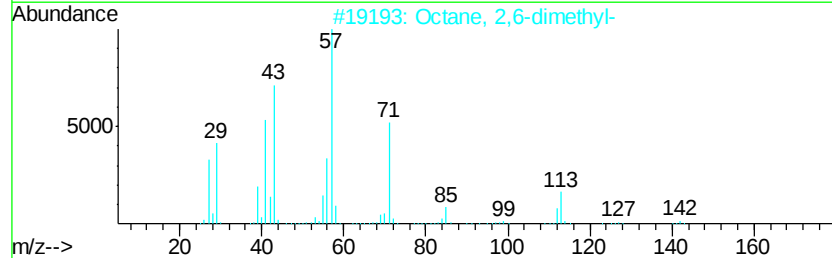
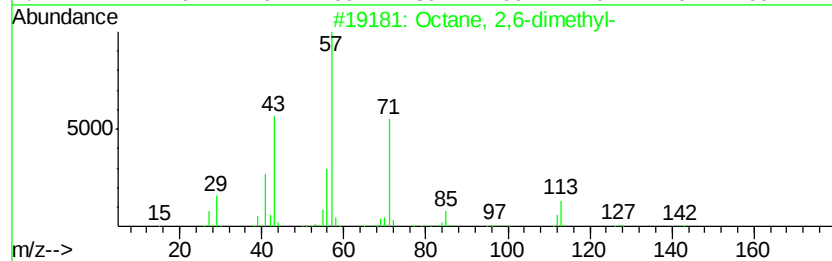
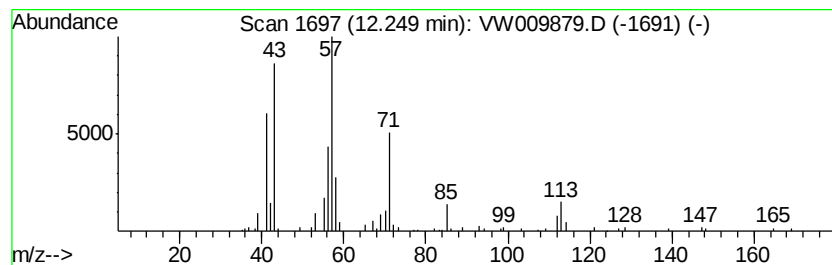
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	1.95 ug/L	58522	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	50
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

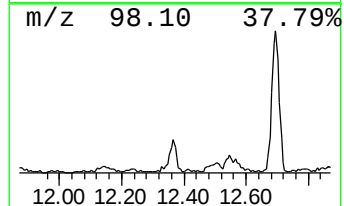
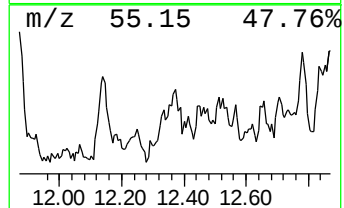
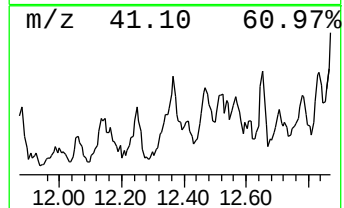
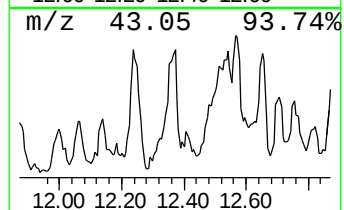
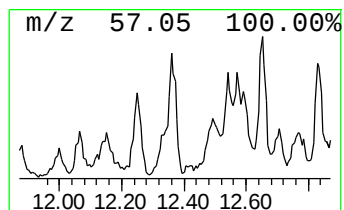
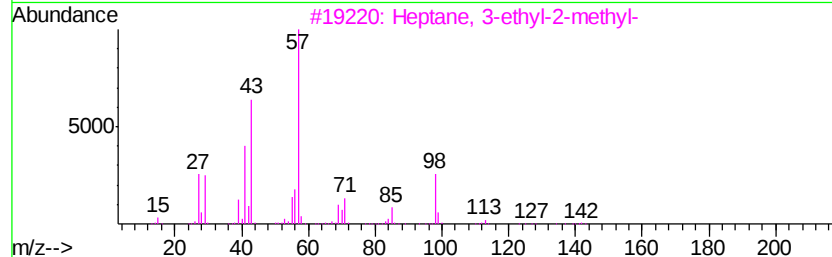
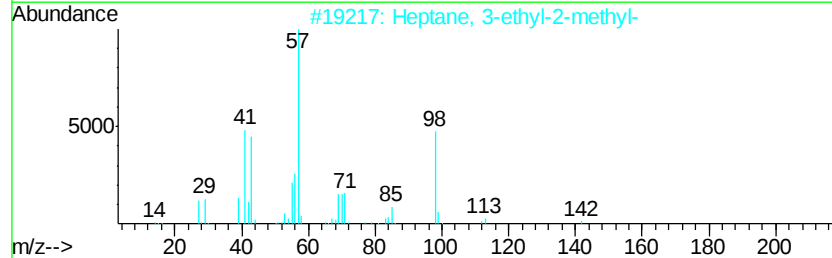
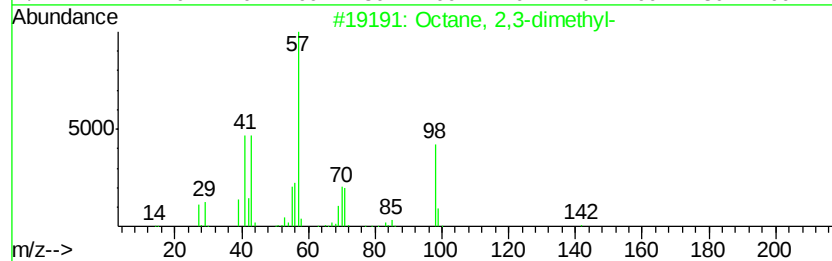
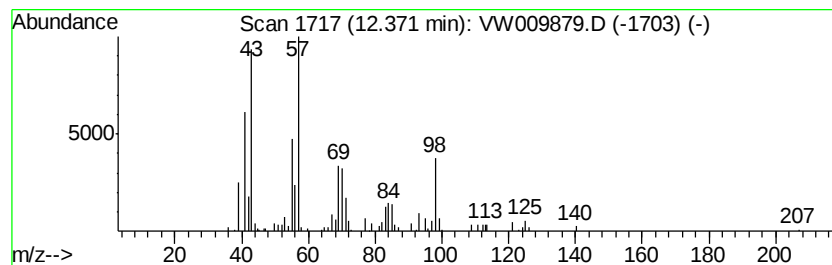
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.95 ug/L	148311	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	81
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
5		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\S0M2WLM040319S.M
Quant Title : VOC Analysis

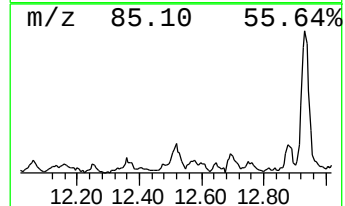
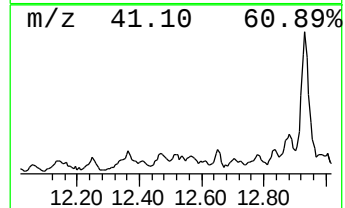
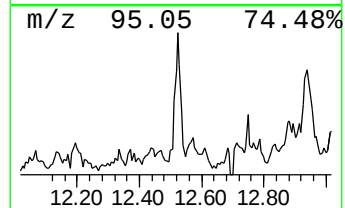
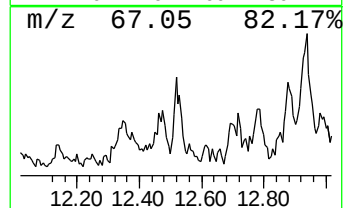
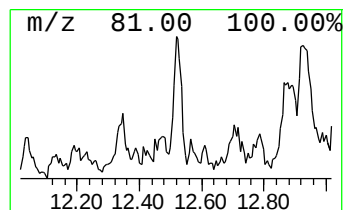
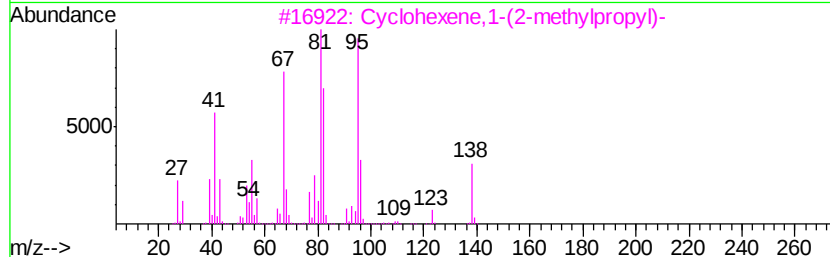
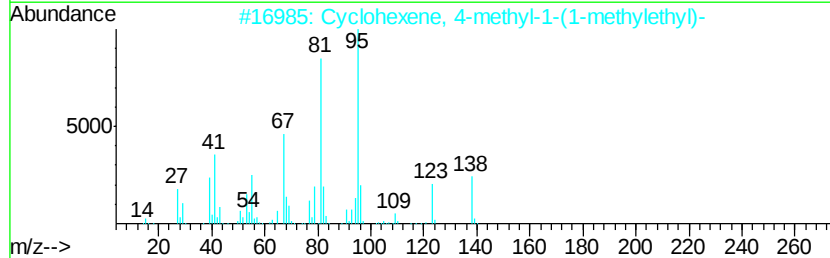
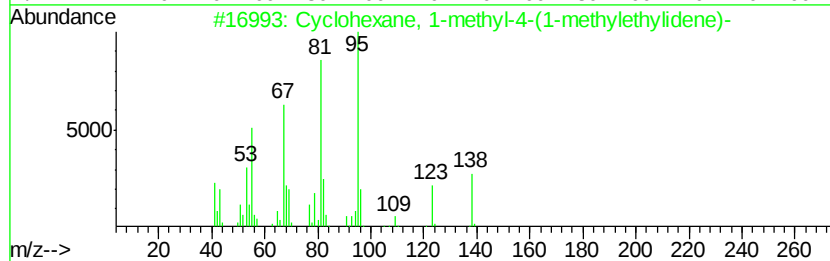
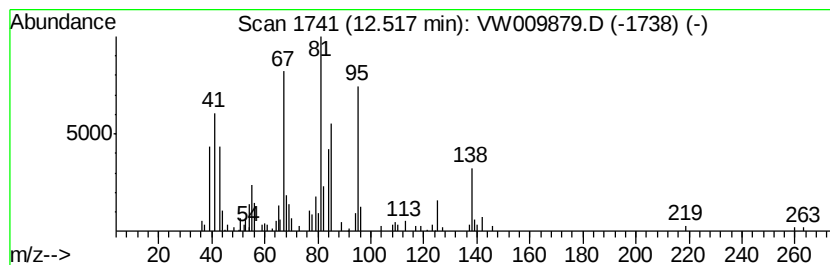
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

```

*****
Peak Number 9 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 52

```

R.T.	EstConc	Area	Relative to ISTD	R.T.			
12.52	1.60 ug/L	48004	Chlorobenzene-d5	11.63			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methyl-4-propyl)-	138	C10H18	001124-27-2	53
2			Cyclohexene, 4-methyl-1-(1-methyl-4-propyl)-	138	C10H18	000500-00-5	53
3			Cyclohexene, 1-(2-methylpropyl)-	138	C10H18	003983-03-7	47
4			(2E,4E)-3,7-Dimethyl-2,4-octadiene	138	C10H18	1000374-08-2	43
5			4-Acetyl-1-methylcyclohexene	138	C9H14O	006090-09-1	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

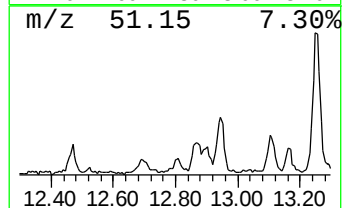
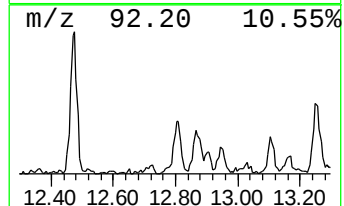
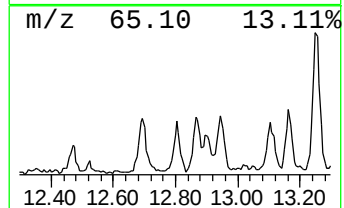
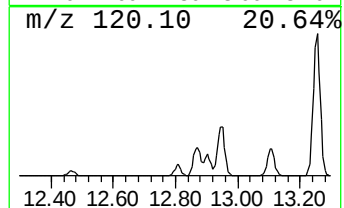
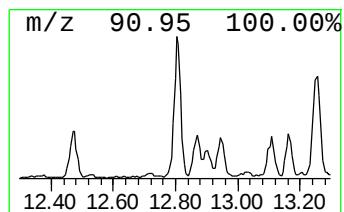
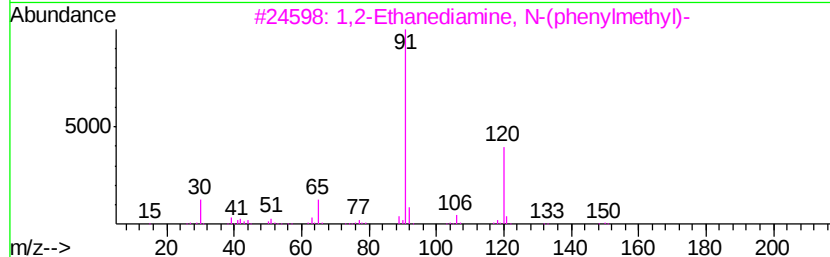
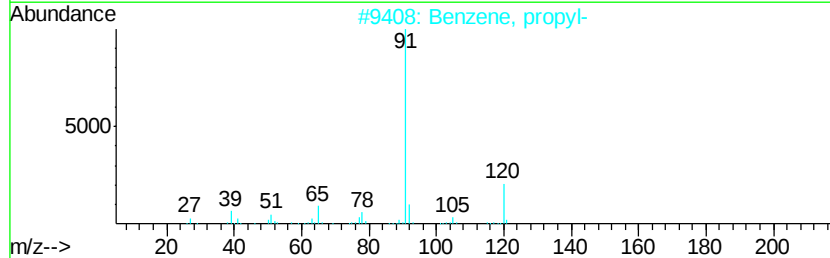
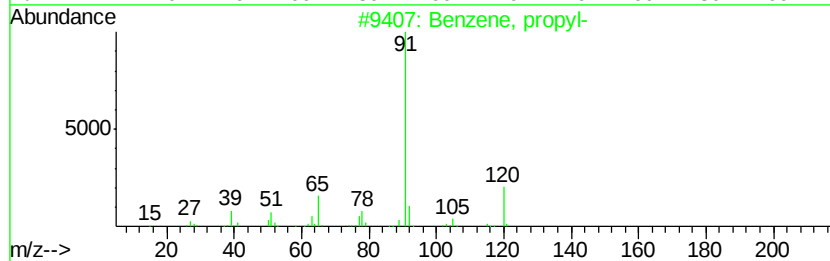
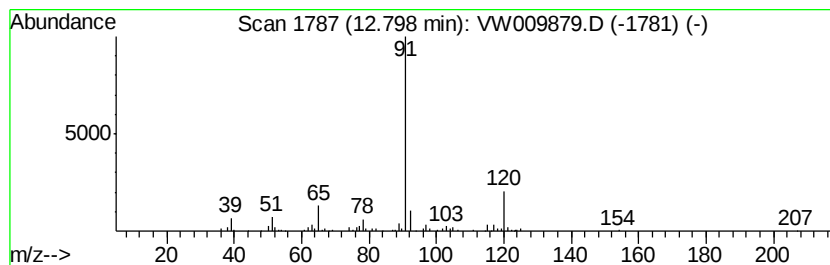
Instrument :
MSVOA_W
ClientSampled :
BFC40

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 11 Benzene, propyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.30 ug/L	81442	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 87
2		Benzene, propyl-	120 C9H12	000103-65-1 74
3		1,2-Ethanediamine, N-(phenylmeth...	150 C9H14N2	004152-09-4 72
4		Benzeneacetaldehyde	120 C8H8O	000122-78-1 68
5		Benzeneacetaldehyde	120 C8H8O	000122-78-1 64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

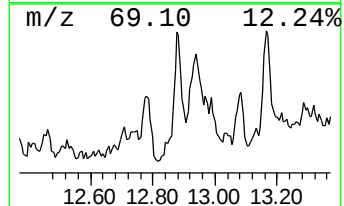
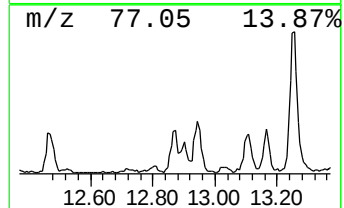
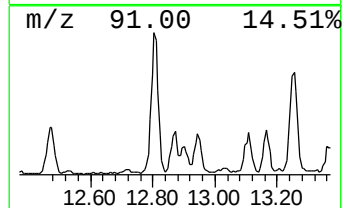
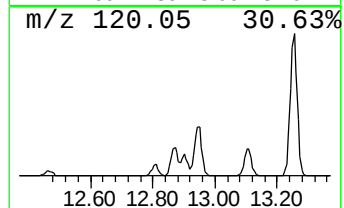
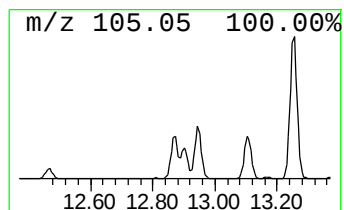
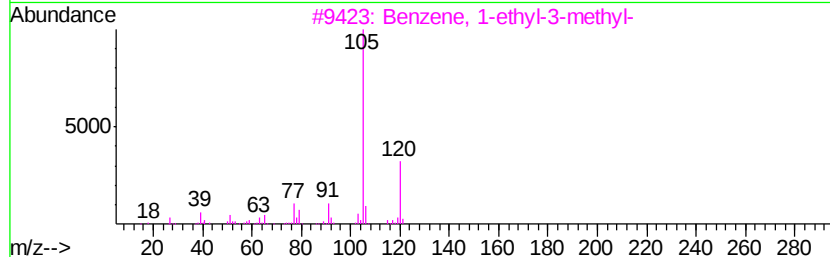
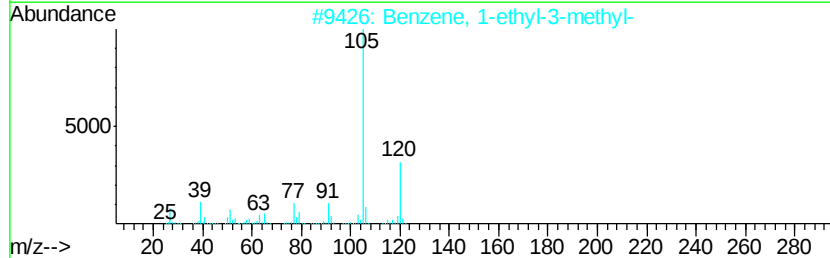
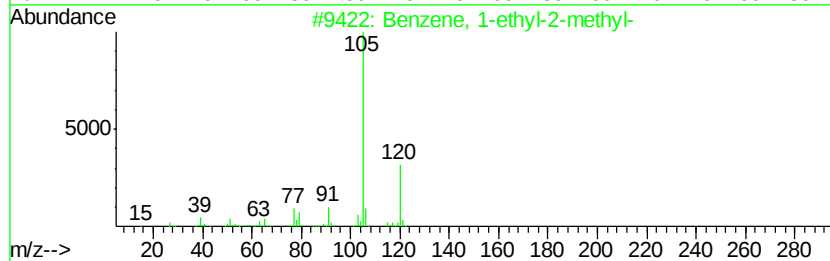
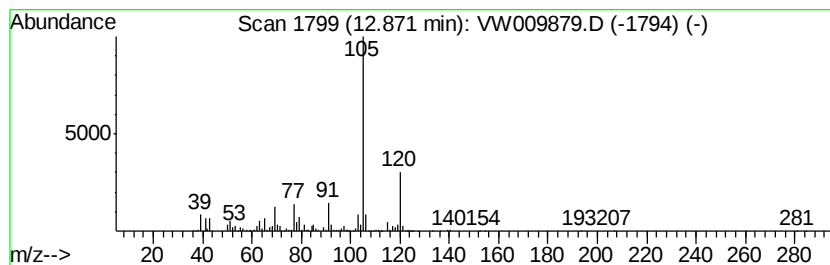
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	17.23 ug/L	265016	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009879.D
 Acq On : 10 Apr 2019 13:00
 Operator : SY/VA
 Sample : K2254-19
 Misc : 5.07G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC40

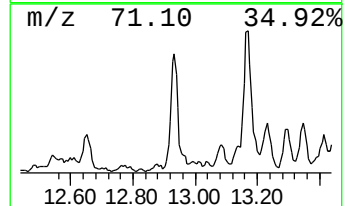
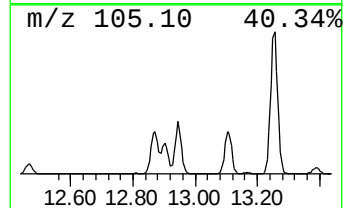
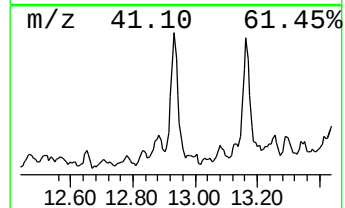
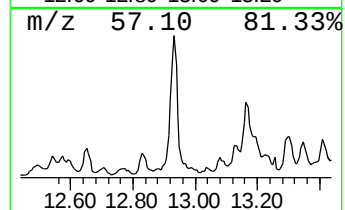
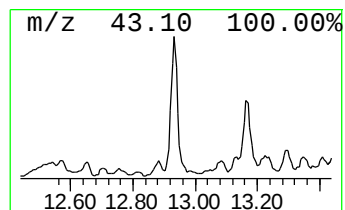
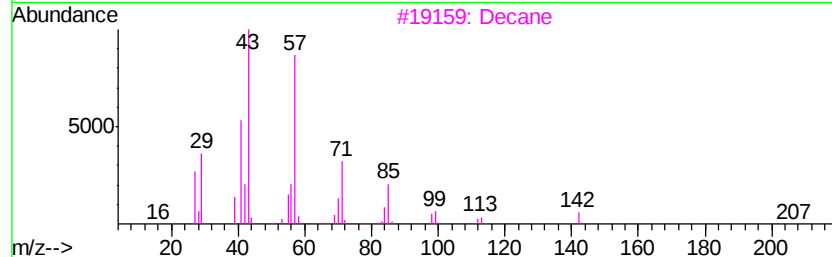
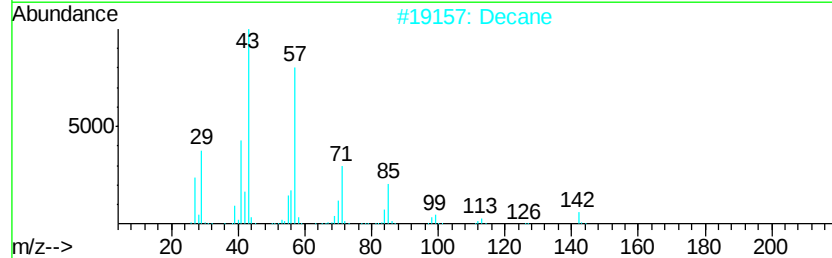
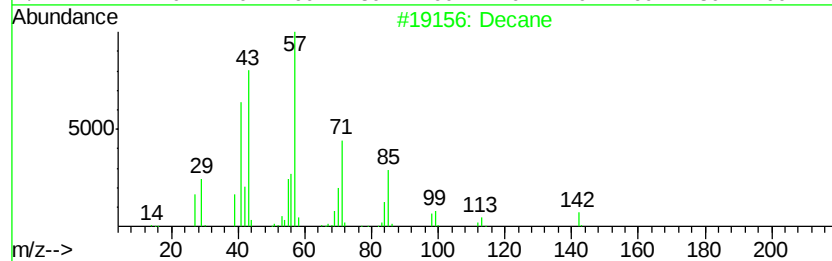
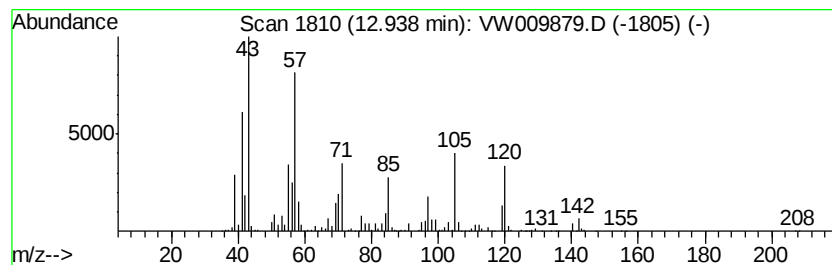
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis

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

 Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	46.41 ug/L	713820	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	89
2		Decane	142	C10H22	000124-18-5	64
3		Decane	142	C10H22	000124-18-5	60
4		Nonane	128	C9H20	000111-84-2	53
5		Nonane	128	C9H20	000111-84-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

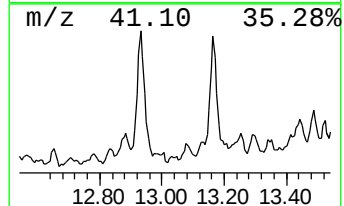
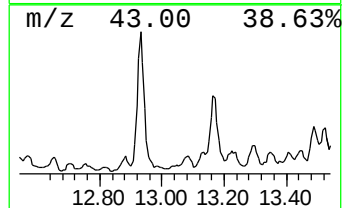
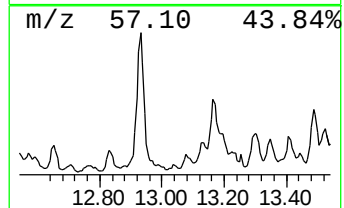
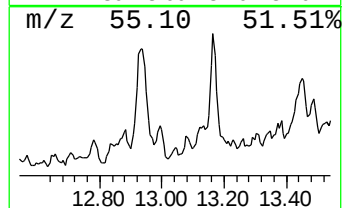
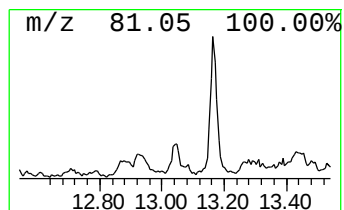
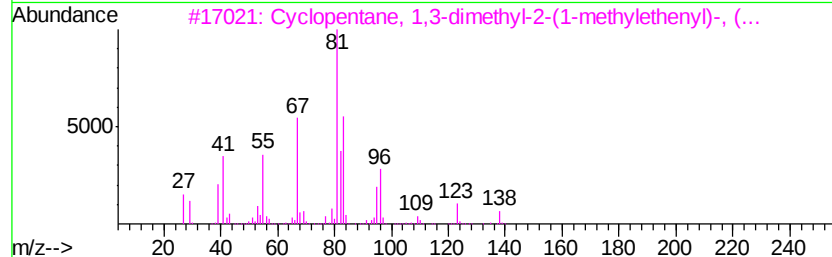
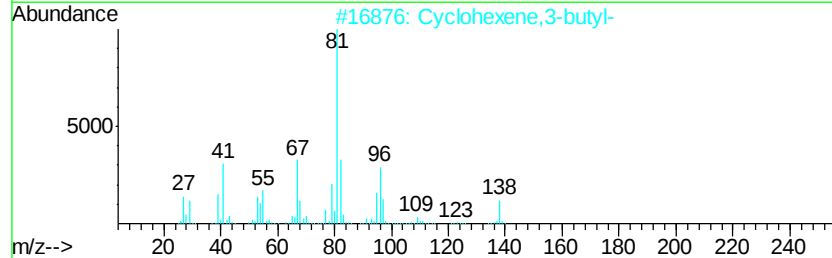
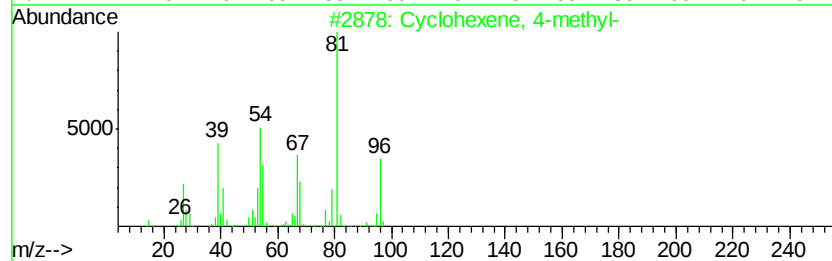
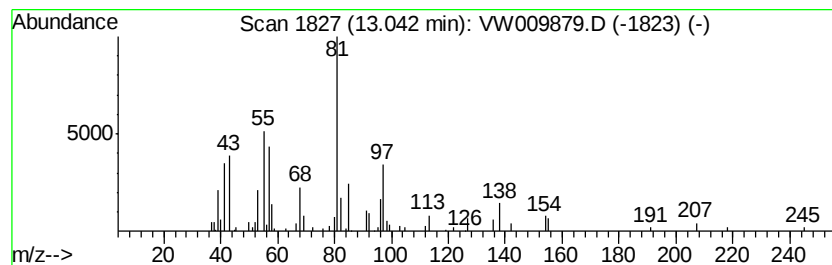
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 14 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	1.37 ug/L	21109	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	47
2		Cyclohexene,3-butyl-	138	C10H18	003983-07-1	43
3		Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	38
4		Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	38
5		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

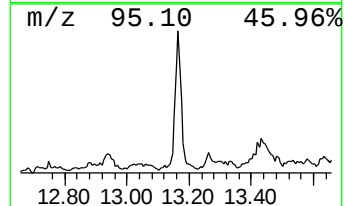
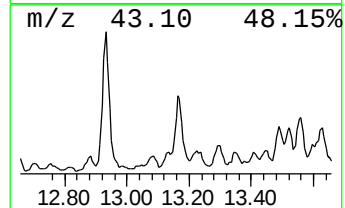
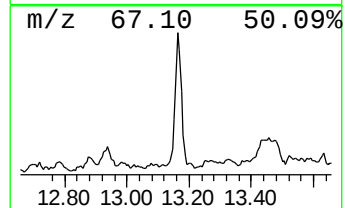
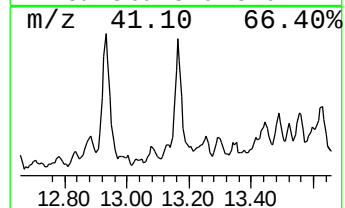
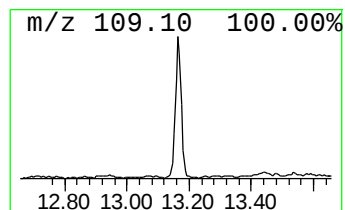
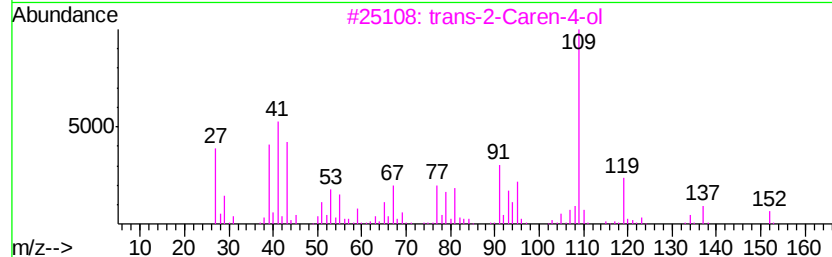
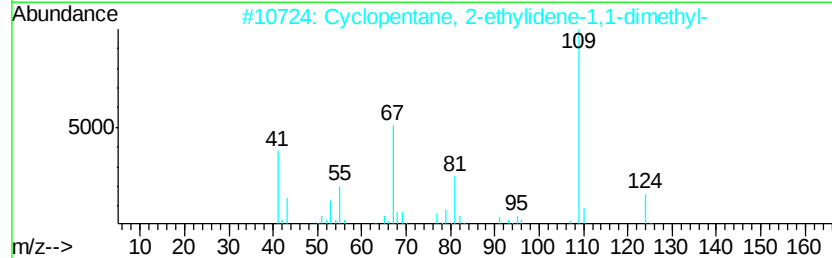
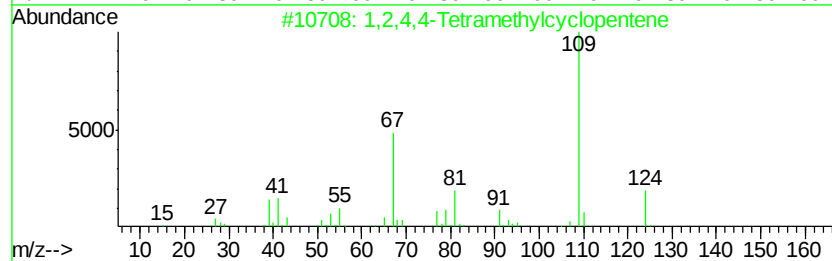
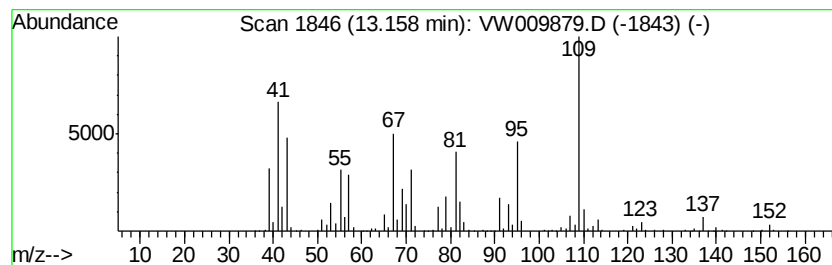
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 16 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	34.51 ug/L	530664	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	46
2			Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	43
3			trans-2-Caren-4-ol	152	C10H16O	004017-82-7	38
4			3,3,5,5-Tetramethylcyclopentene	124	C9H16	038667-10-6	38
5			Methoxy(methyl)chlorosilane	110	C2H7ClOSi	018151-27-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

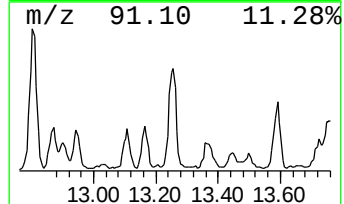
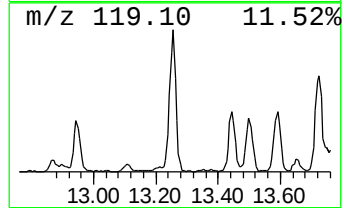
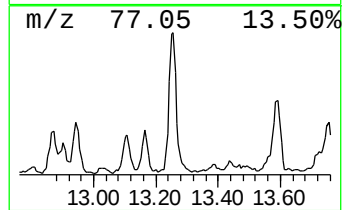
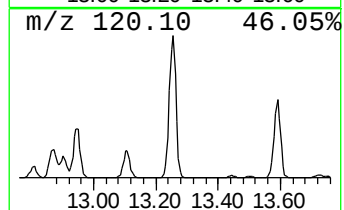
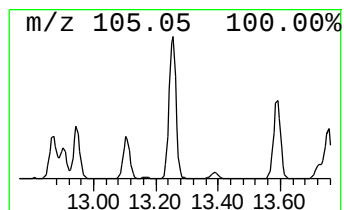
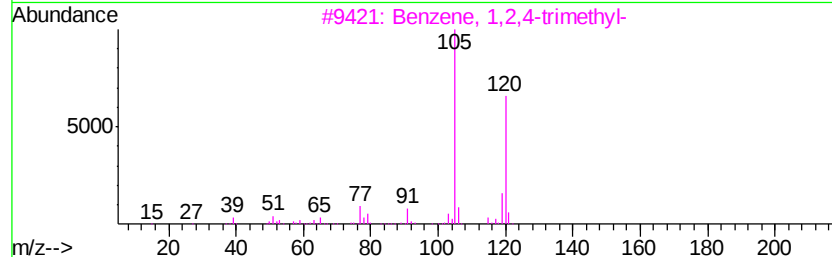
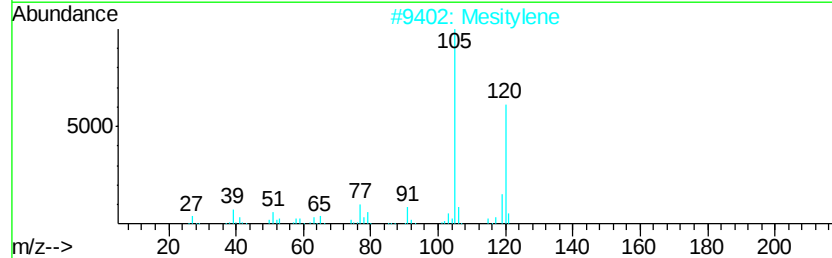
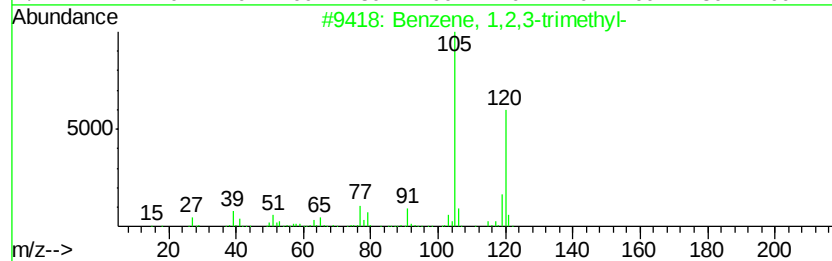
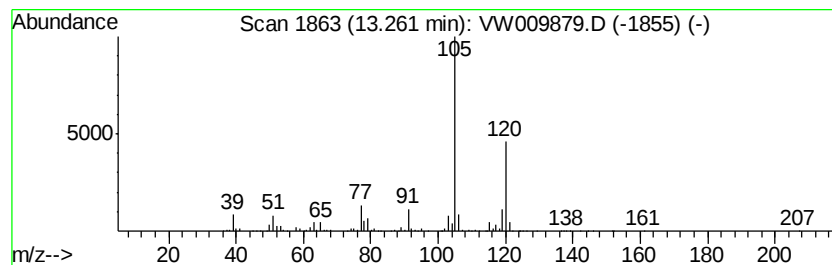
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	49.07 ug/L	754705	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	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

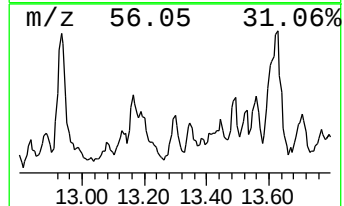
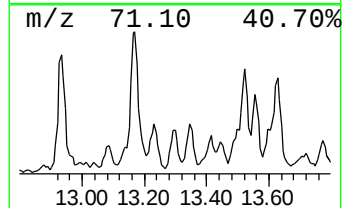
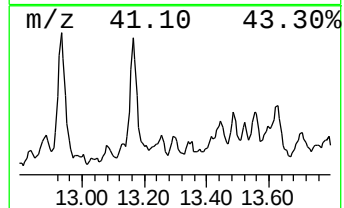
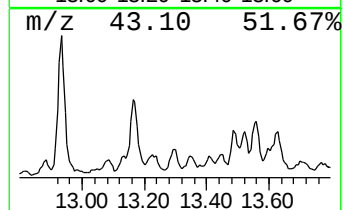
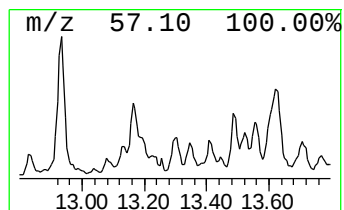
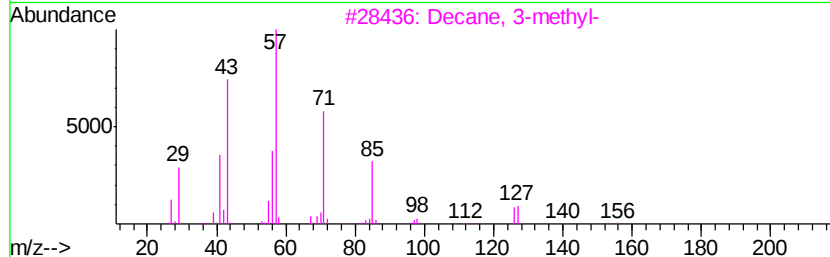
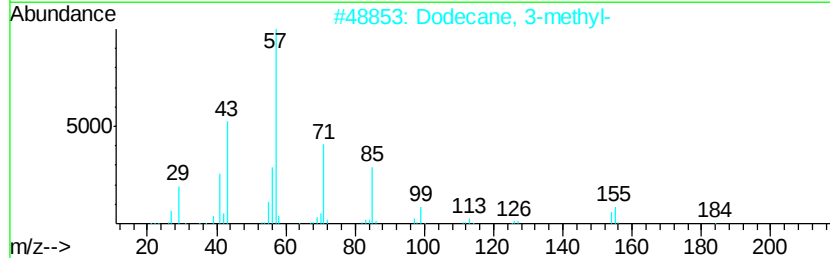
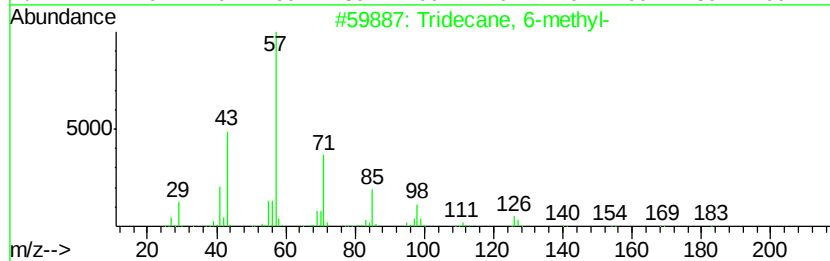
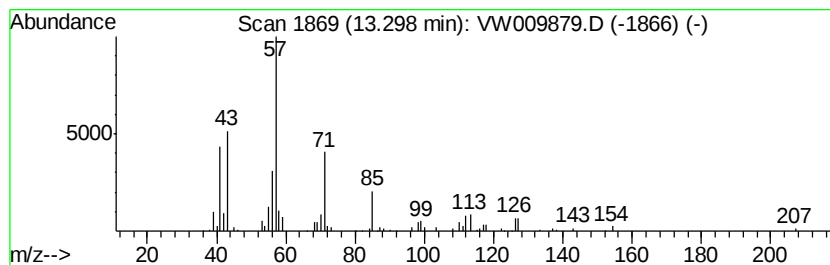
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	4.36 ug/L	67031	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3		Decane, 3-methyl-	156	C11H24	013151-34-3	59
4		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

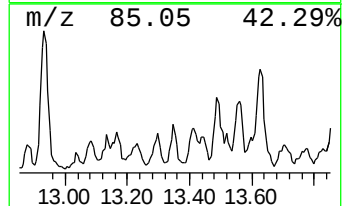
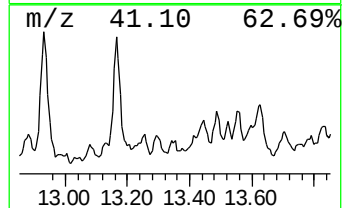
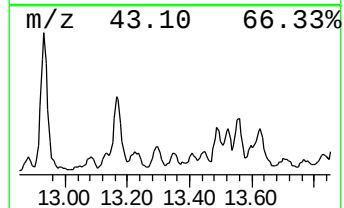
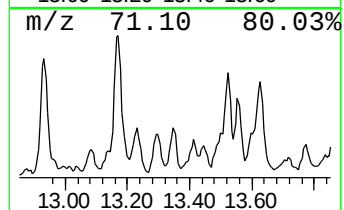
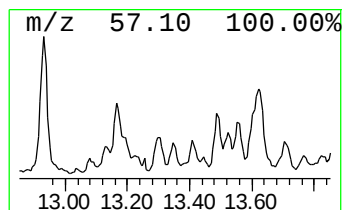
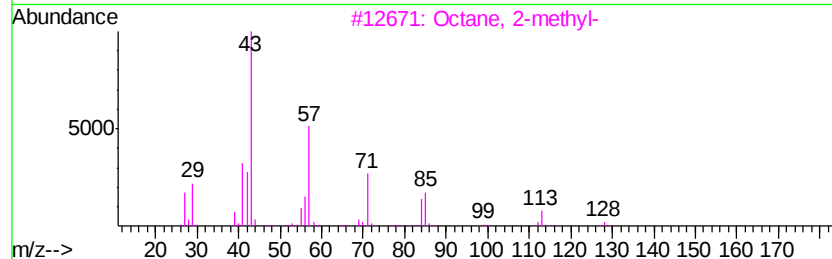
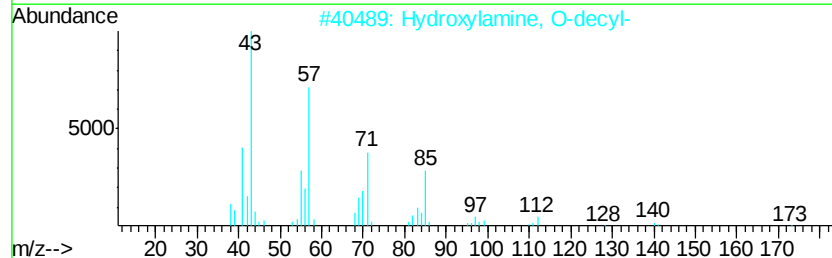
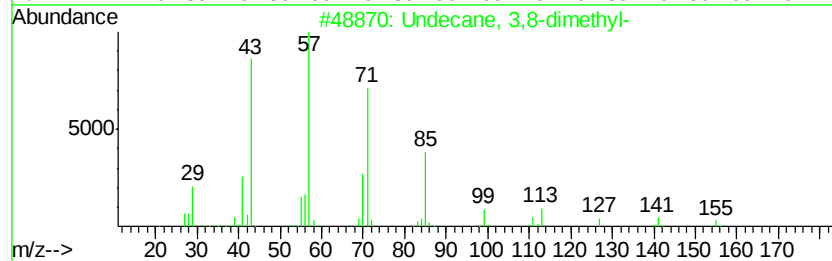
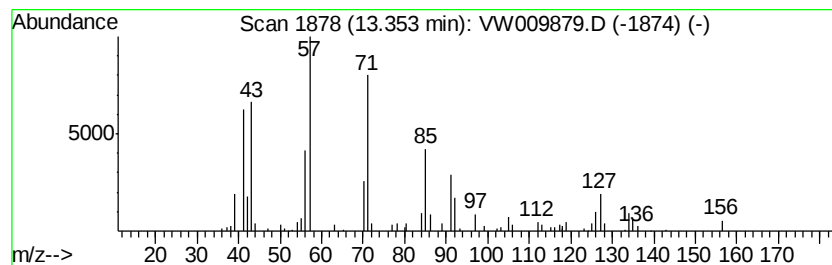
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.14 ug/L	48226	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	53
2			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	53
3			Octane, 2-methyl-	128	C9H20	003221-61-2	50
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	50
5			2,6-Dimethyldecane	170	C12H26	013150-81-7	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

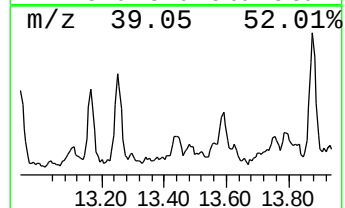
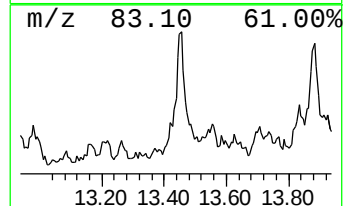
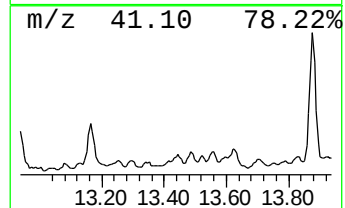
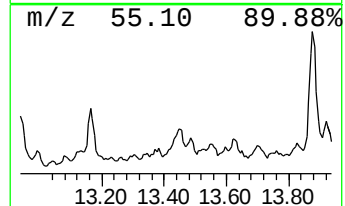
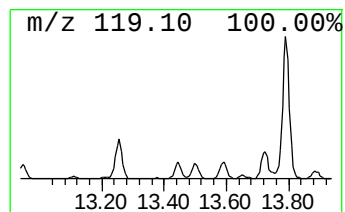
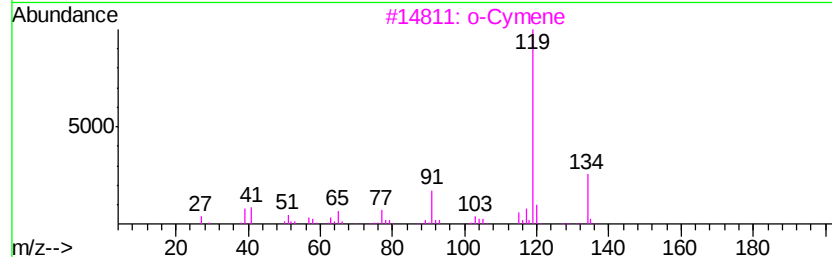
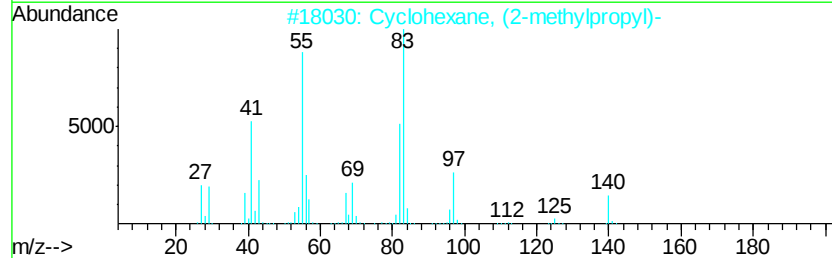
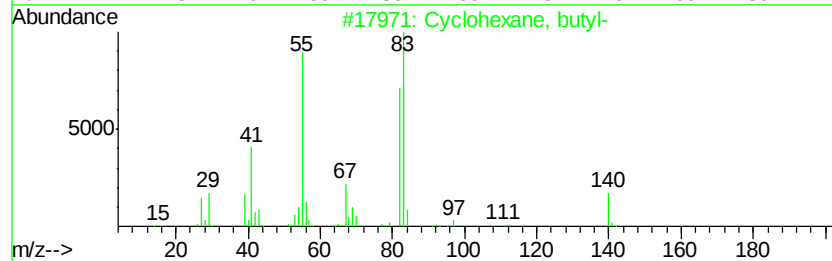
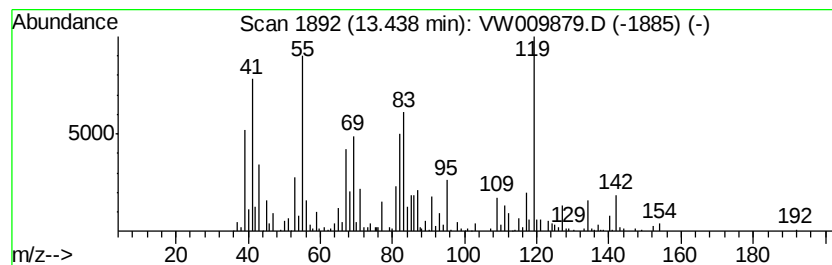
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Cyclic13.44 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	13.46 ug/L	207009	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	38
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
3		o-Cymene	134	C10H14	000527-84-4	30
4		o-Cymene	134	C10H14	000527-84-4	30
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

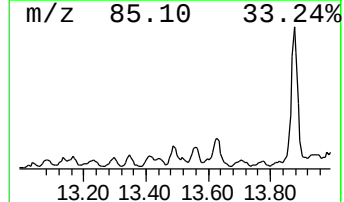
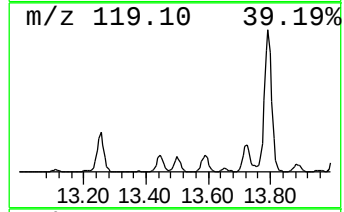
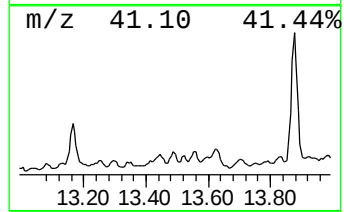
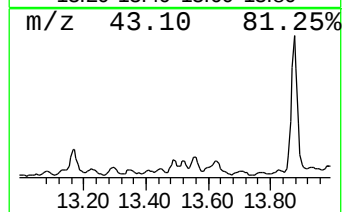
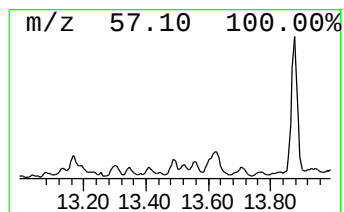
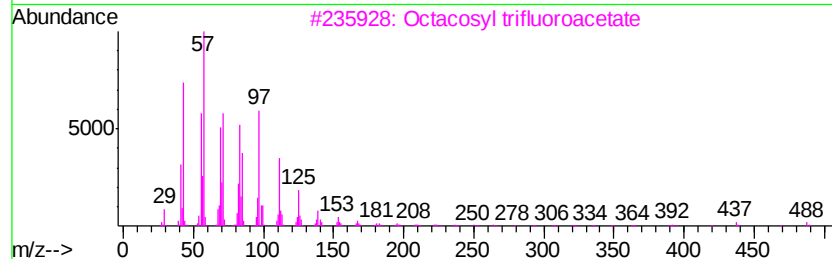
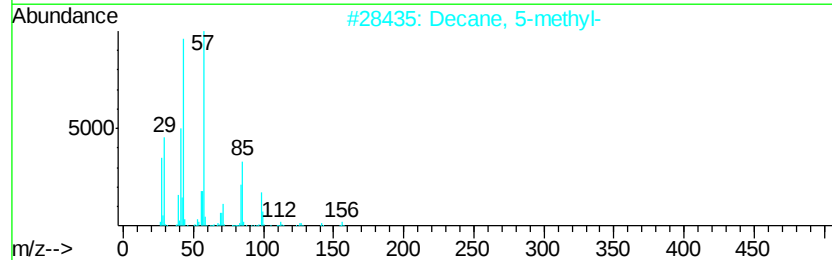
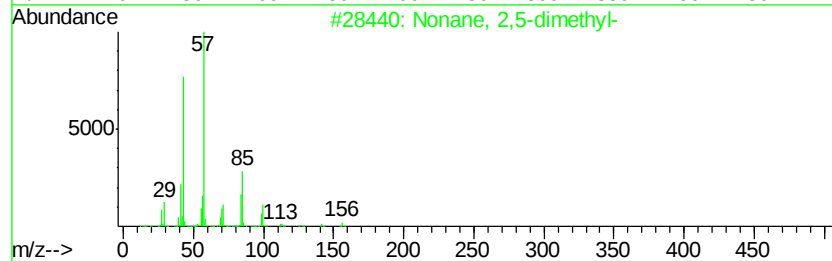
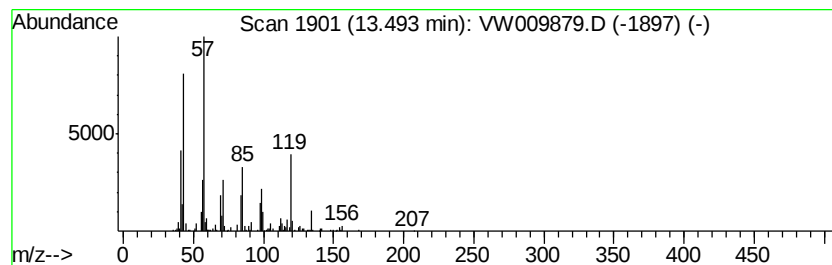
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	8.67 ug/L	133301	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	47
2		Decane, 5-methyl-	156	C11H24	013151-35-4	45
3		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	43
4		Hexyl octyl ether	214	C14H30O	017071-54-4	43
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

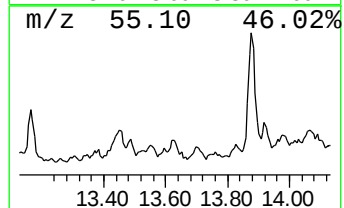
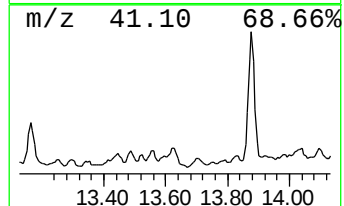
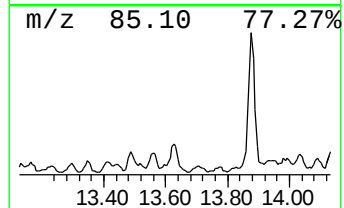
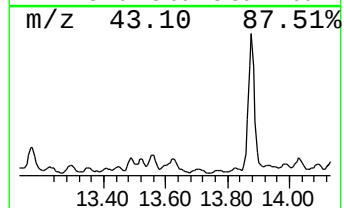
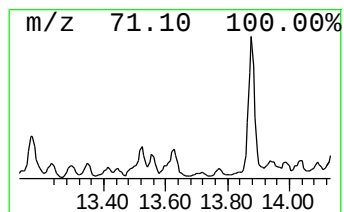
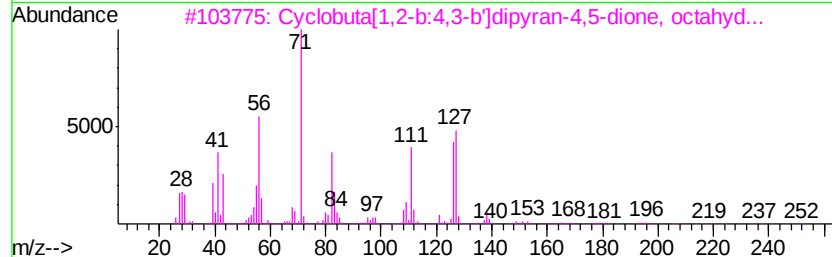
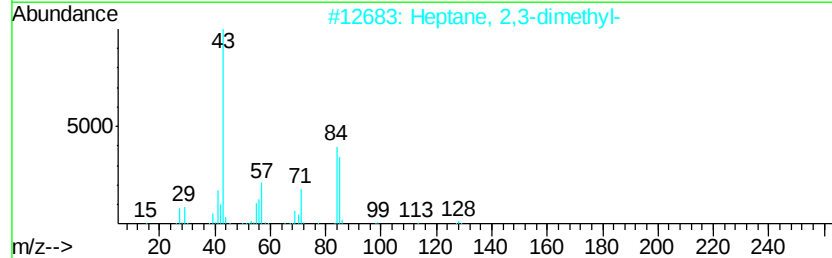
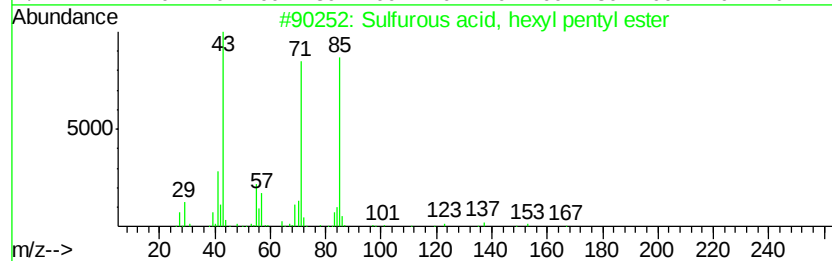
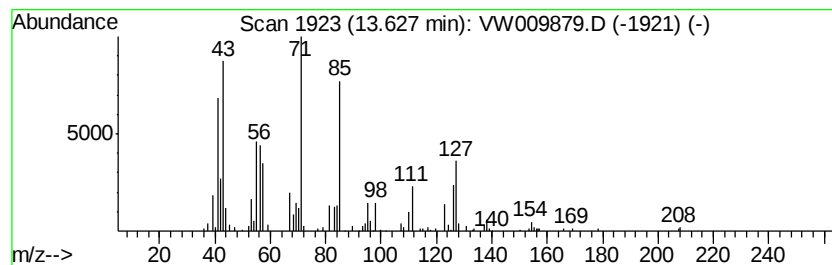
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 22 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	10.40 ug/L	159976	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43
2		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	35
3		Cyclobuta[1,2-b:4,3-b']dipyrans-4...	252	C14H20O4	054637-09-1	35
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	27
5		Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

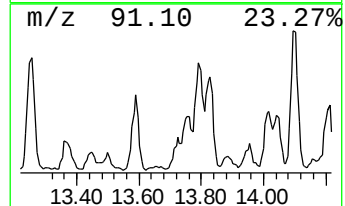
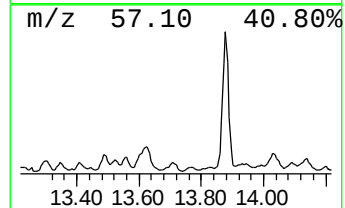
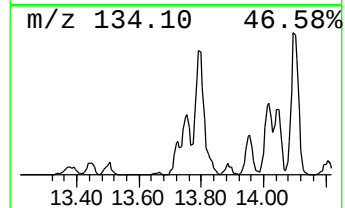
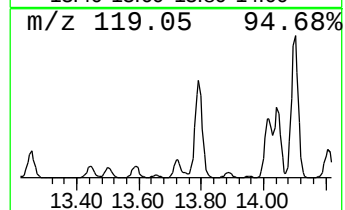
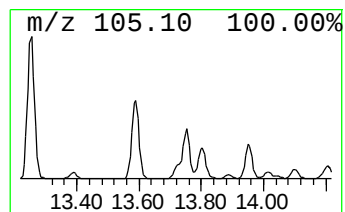
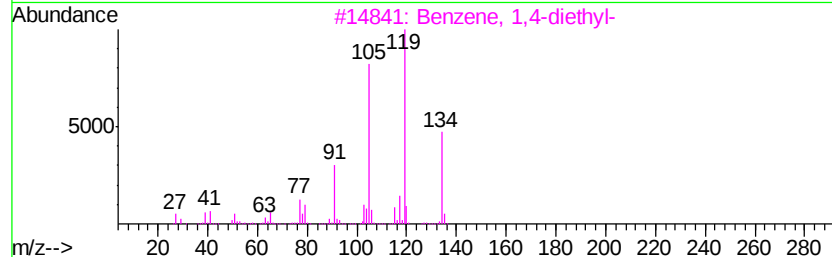
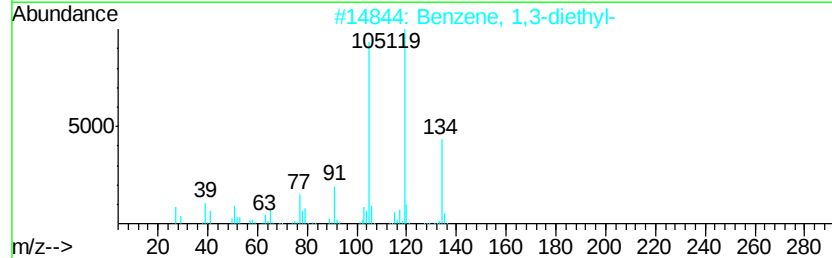
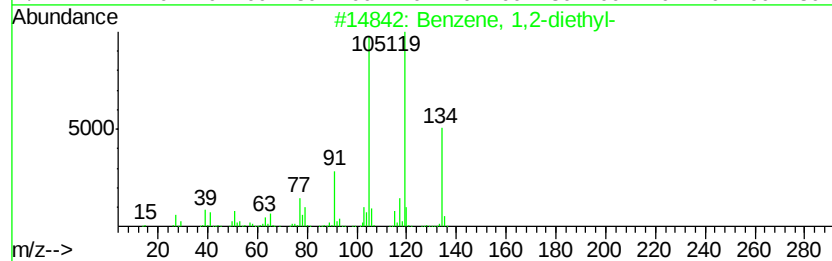
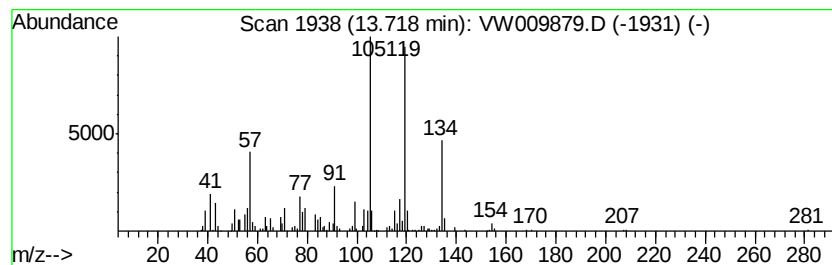
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,2-diethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	12.31 ug/L	189392	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
5		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

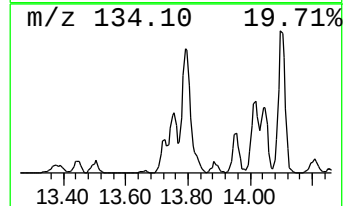
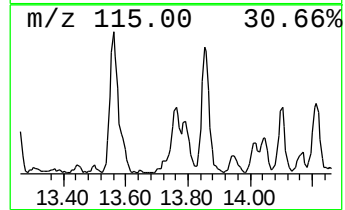
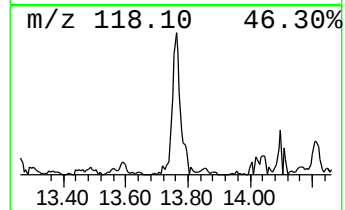
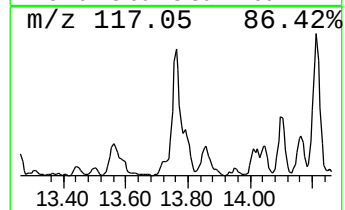
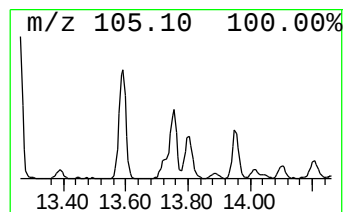
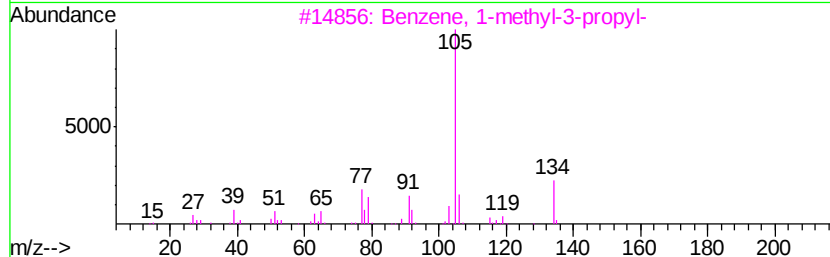
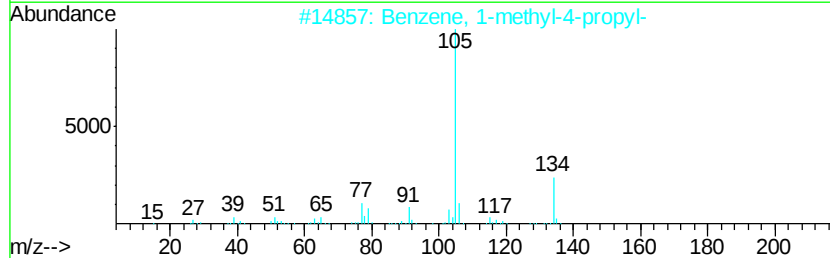
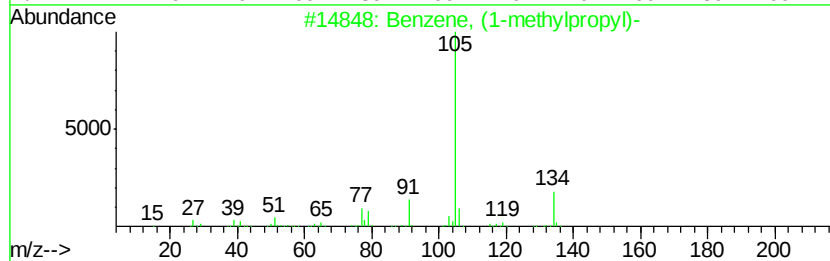
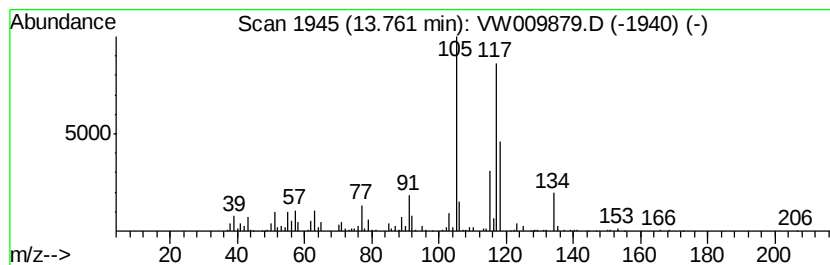
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 24 unknown-04 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	14.55 ug/L	223712	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
3		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
5		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

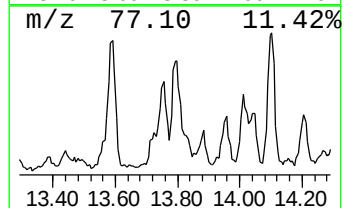
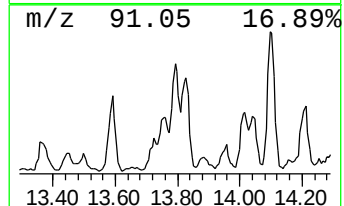
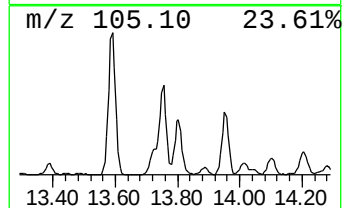
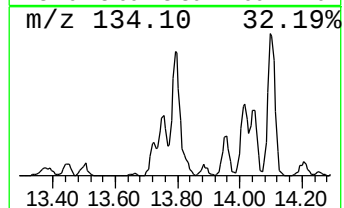
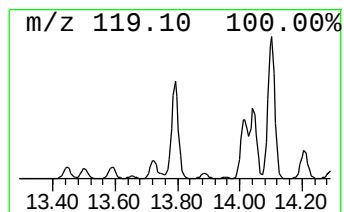
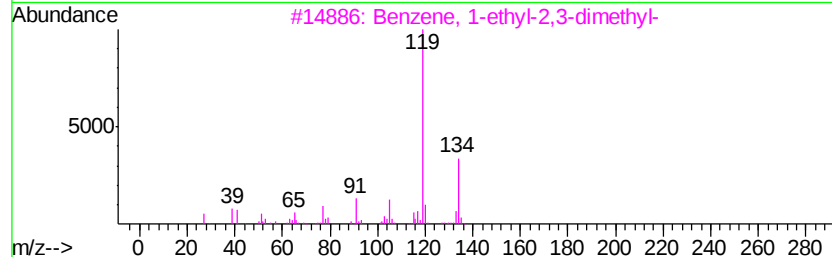
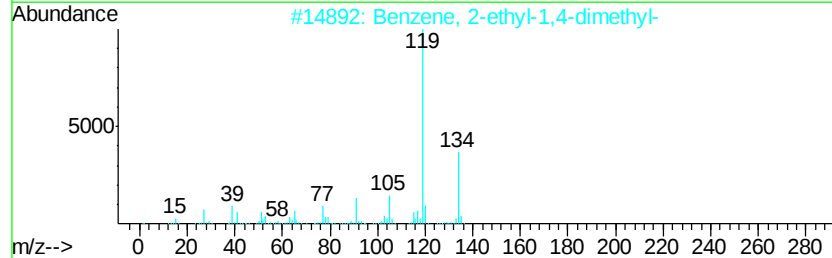
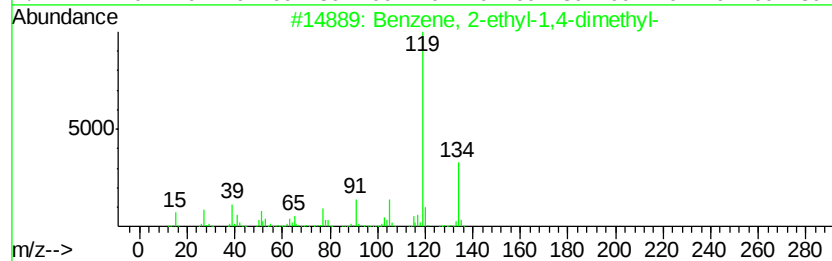
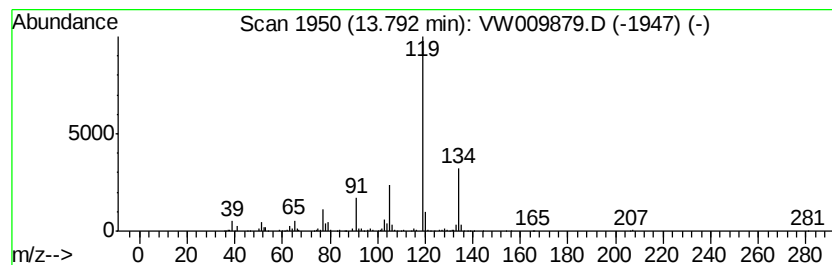
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 25 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	20.86 ug/L	320794	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, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

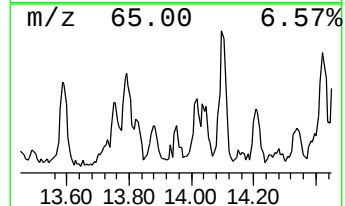
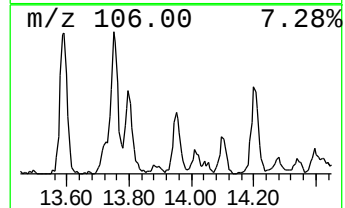
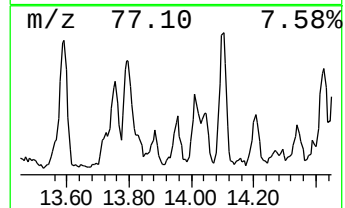
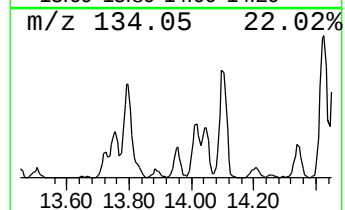
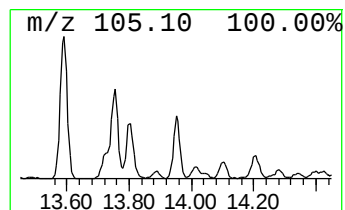
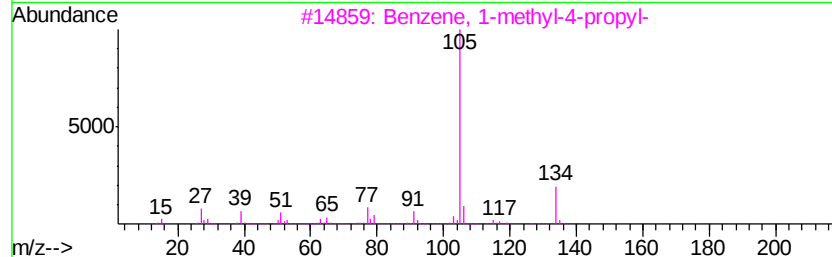
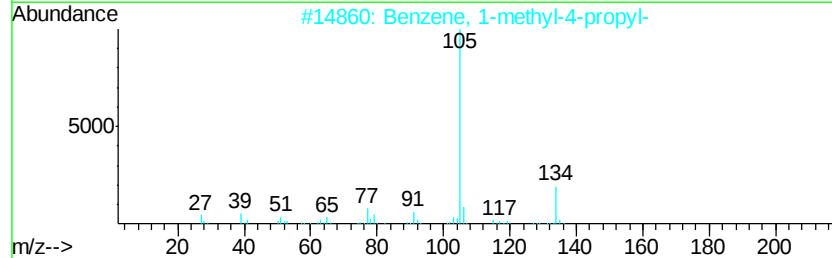
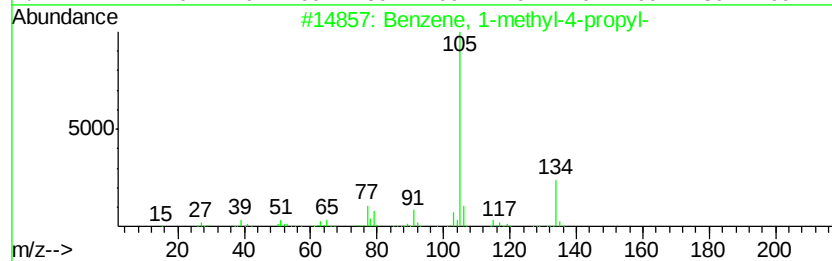
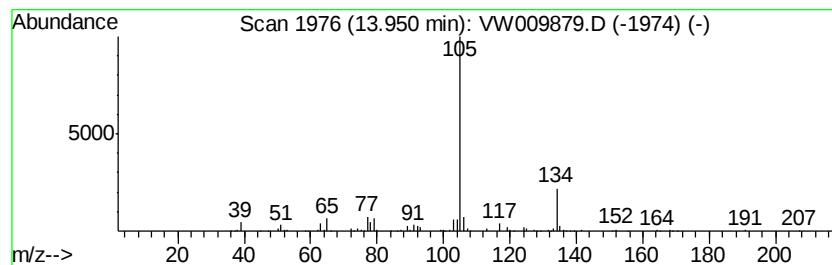
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 1-methyl-4-propyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.26 ug/L	65556	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

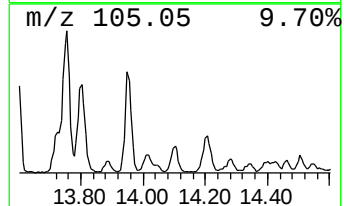
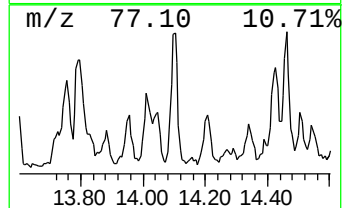
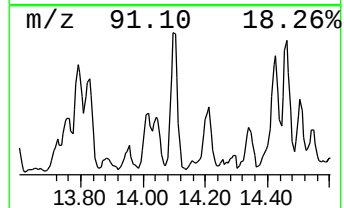
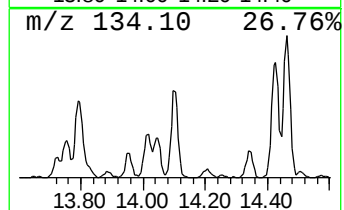
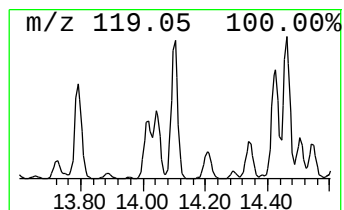
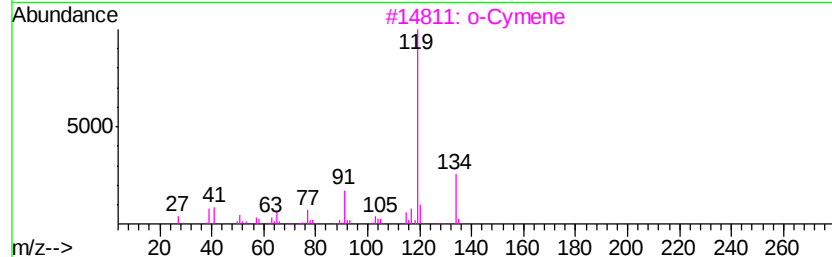
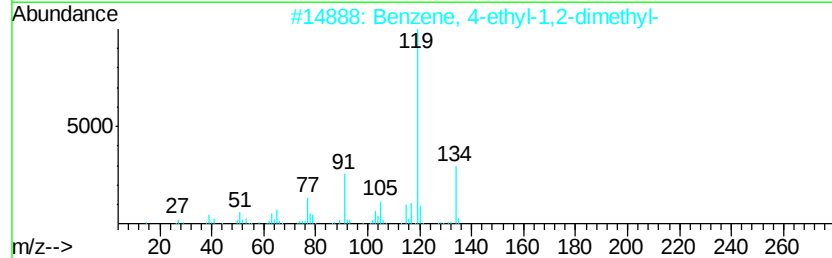
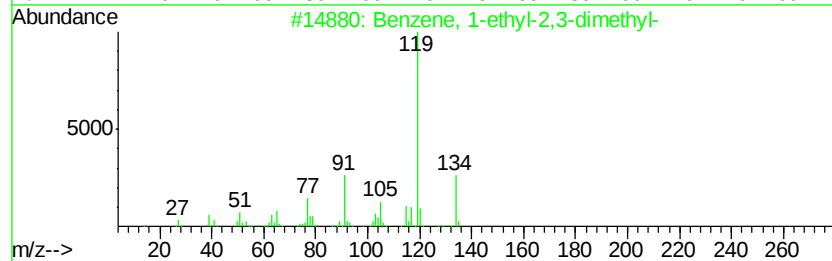
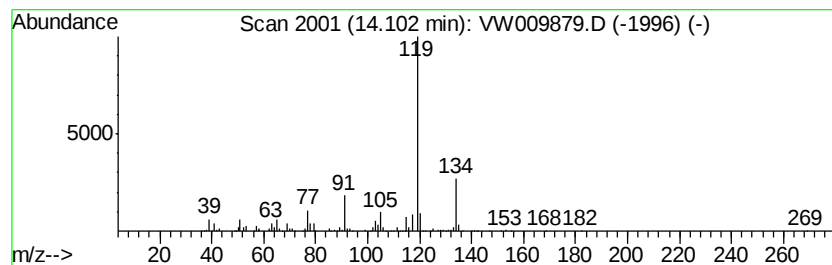
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 28 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	31.23 ug/L	480332	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		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

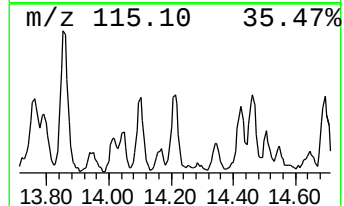
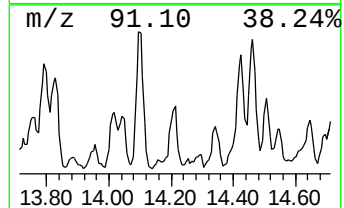
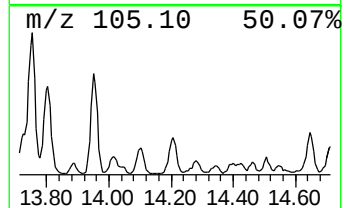
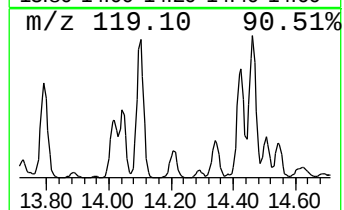
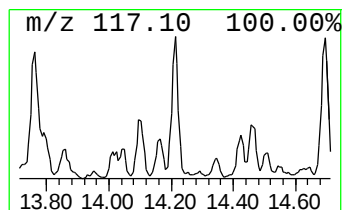
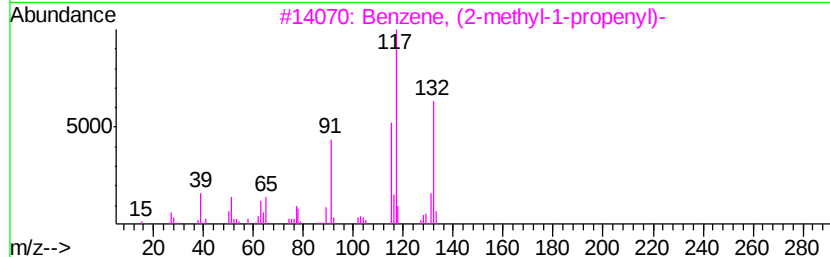
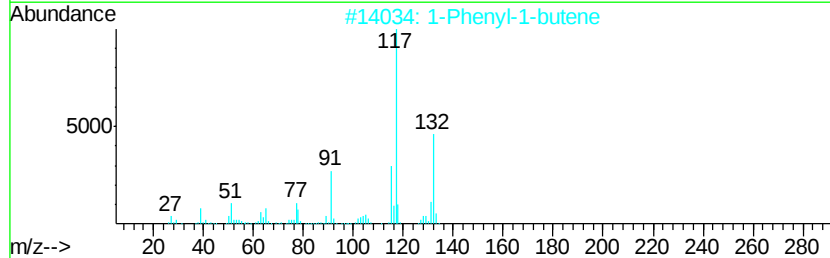
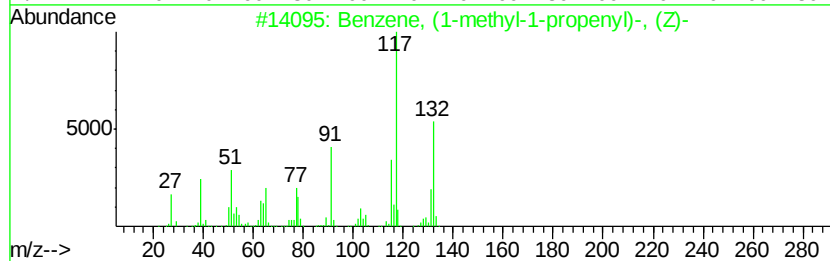
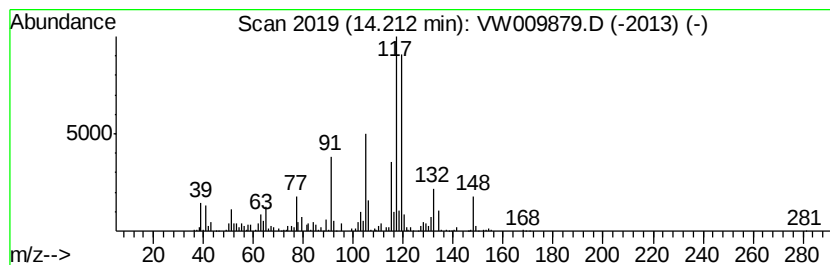
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 29 Benzene, (1-methyl-1-propen... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	17.66 ug/L	271671	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	60
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	52
3		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46
4		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	46
5		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

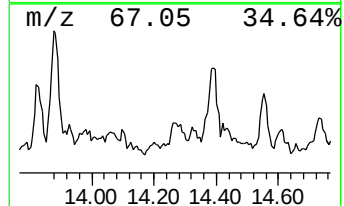
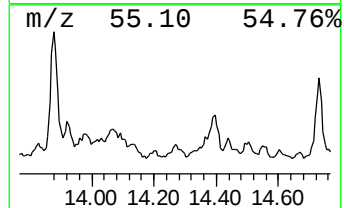
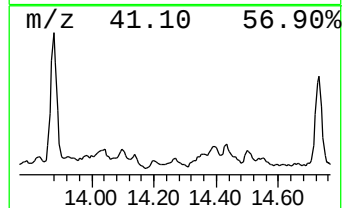
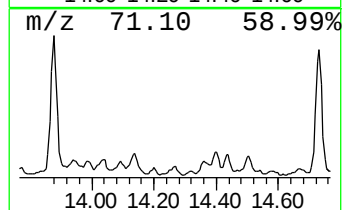
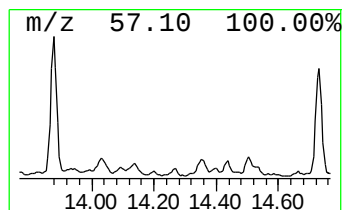
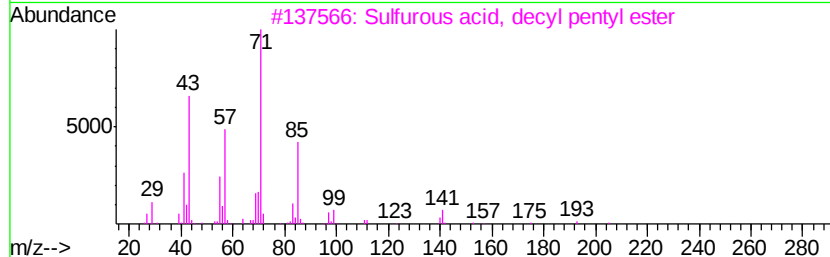
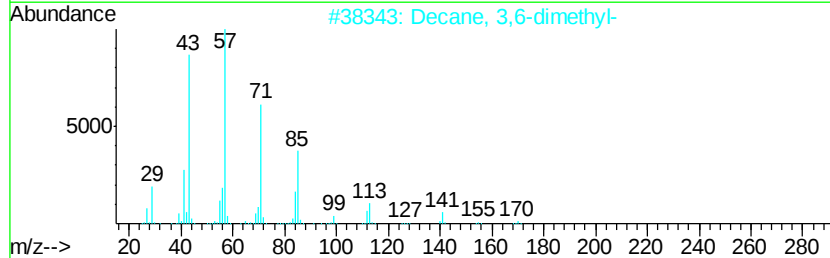
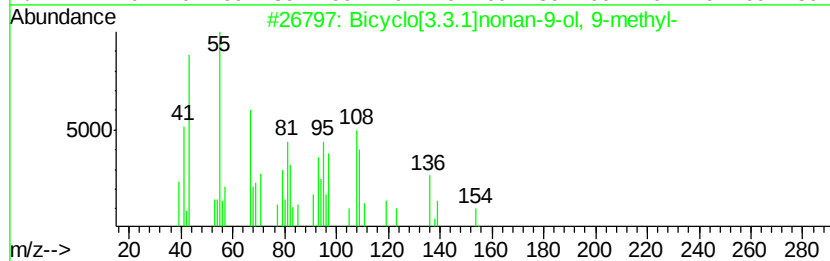
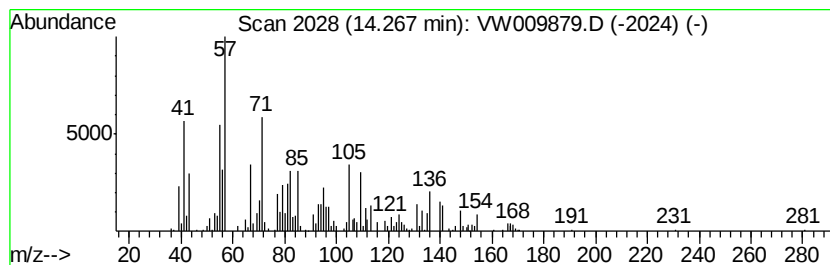
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 30 unknown-05 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	9.08 ug/L	139655	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.3.1]nonan-9-ol, 9-methyl-	154	C10H18O	033832-25-6	38
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	30
3		Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	27
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	25
5		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

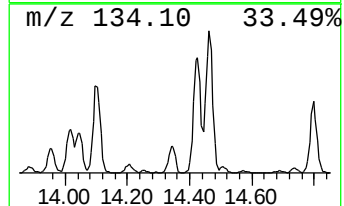
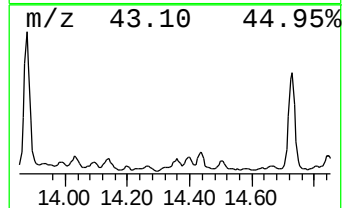
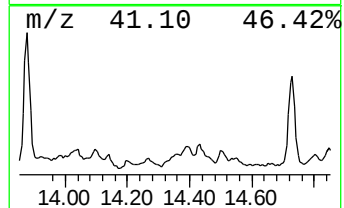
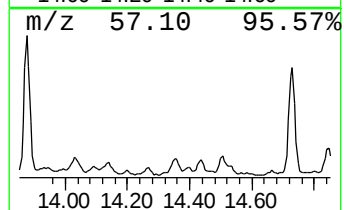
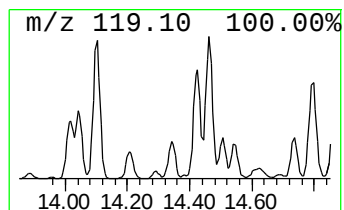
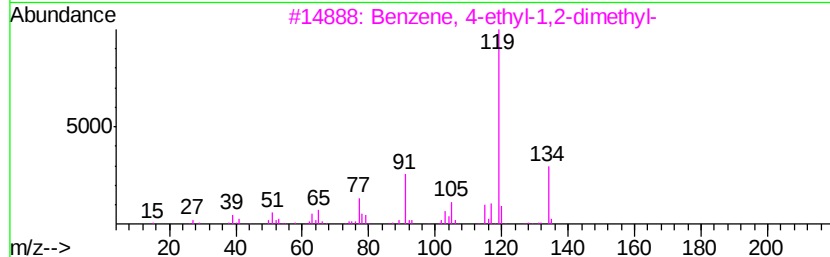
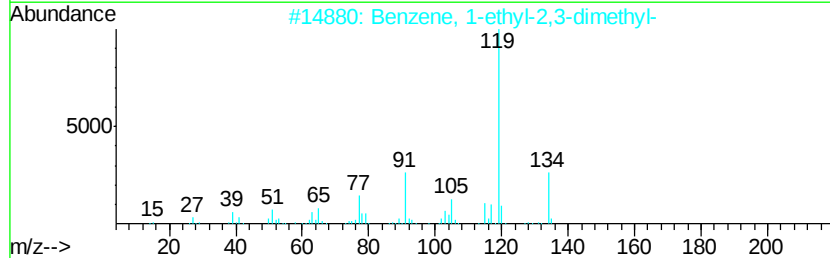
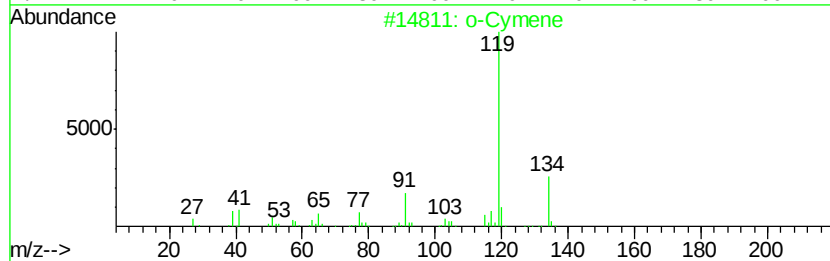
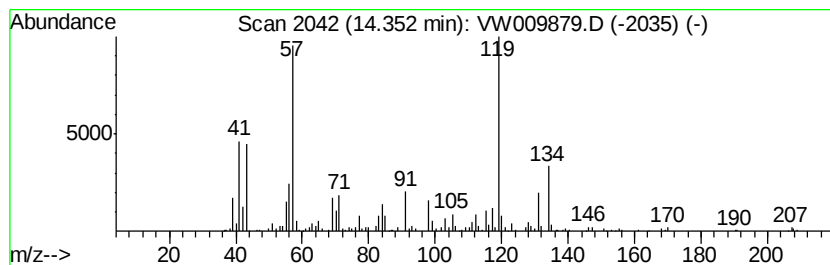
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 31 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	19.64 ug/L	302012	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

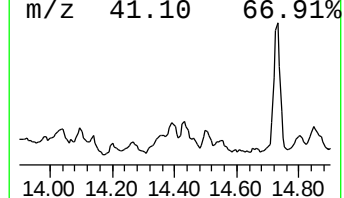
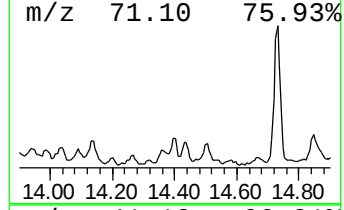
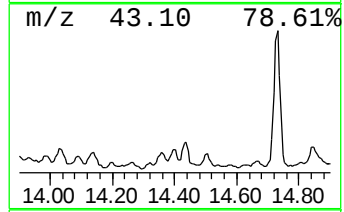
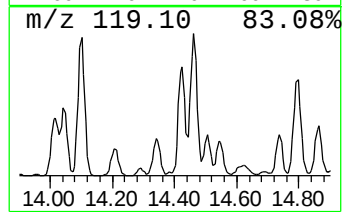
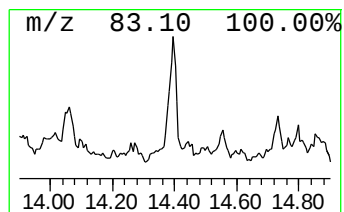
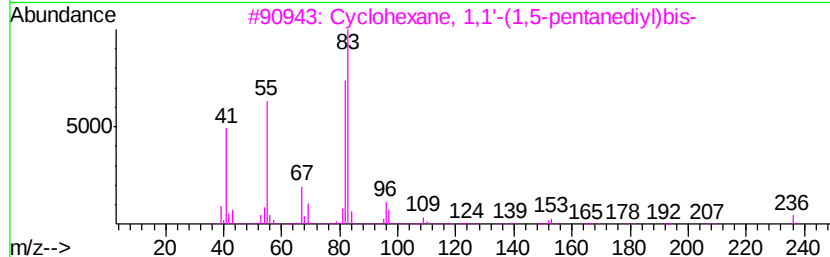
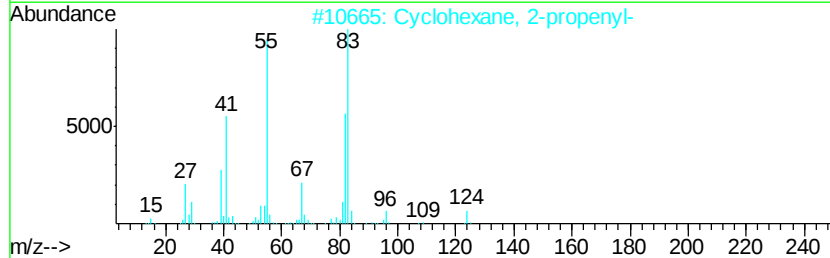
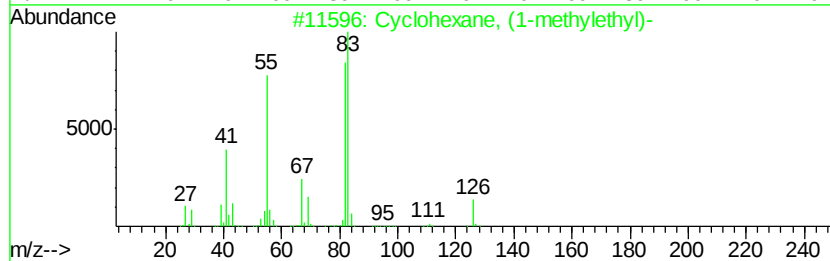
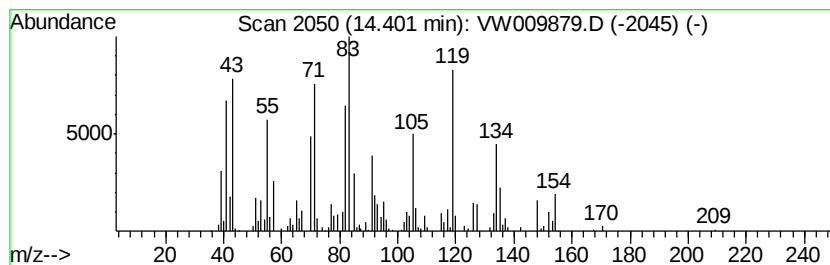
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Cyclic14.40 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	16.76 ug/L	257690	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	43
3		Cyclohexane, 1,1'-(1,5-pentanedil...	236	C17H32	054833-31-7	43
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

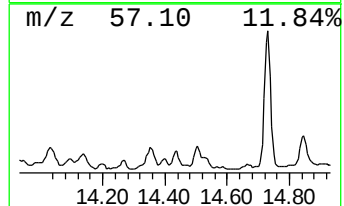
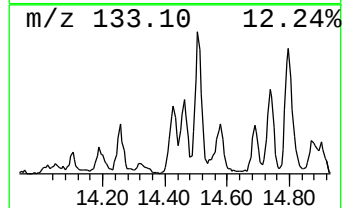
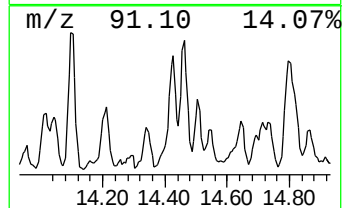
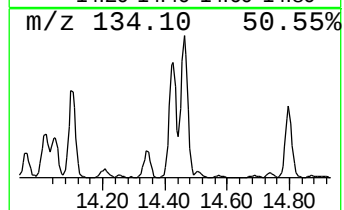
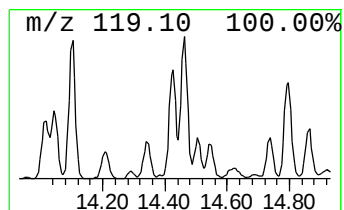
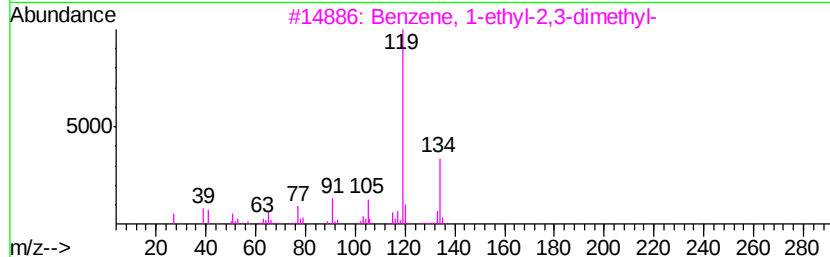
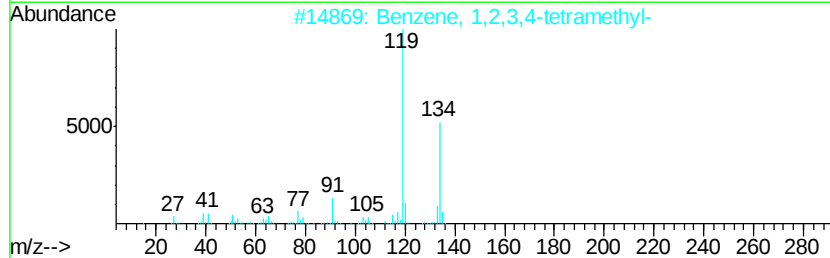
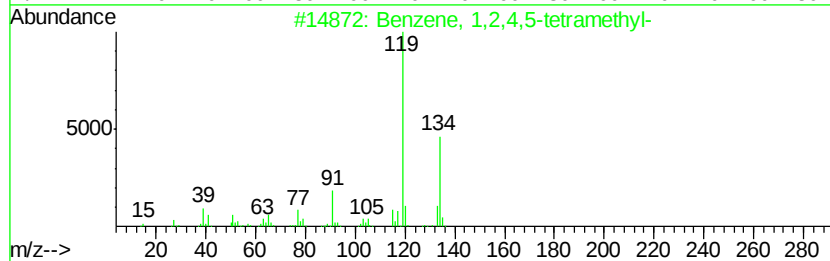
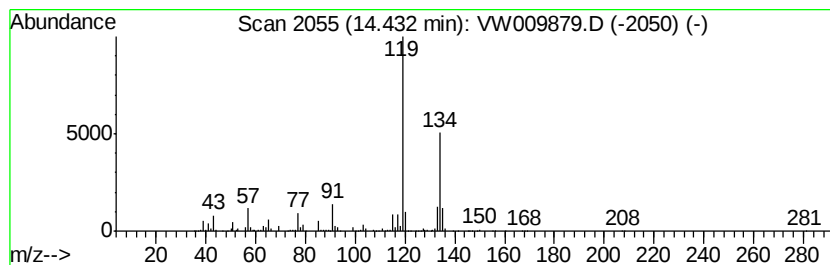
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 33 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	39.87 ug/L	613172	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	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

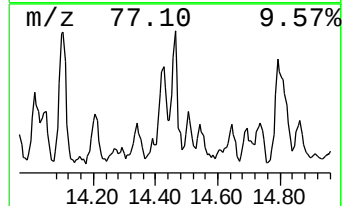
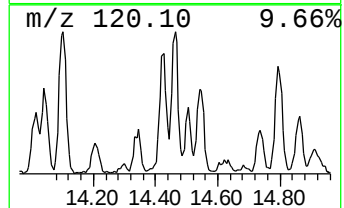
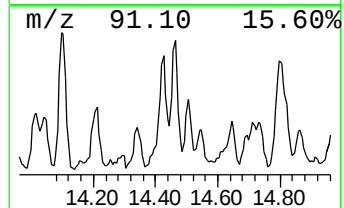
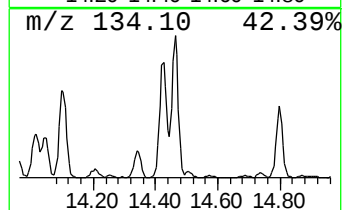
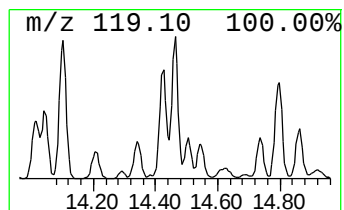
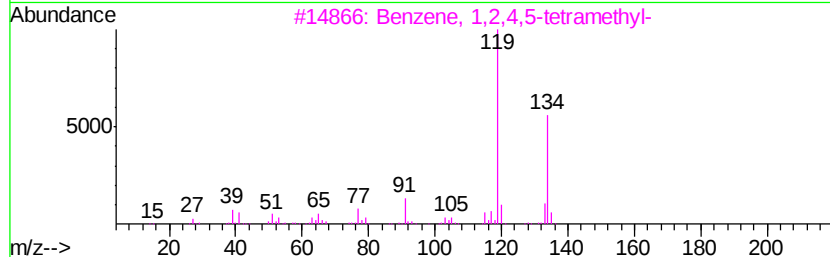
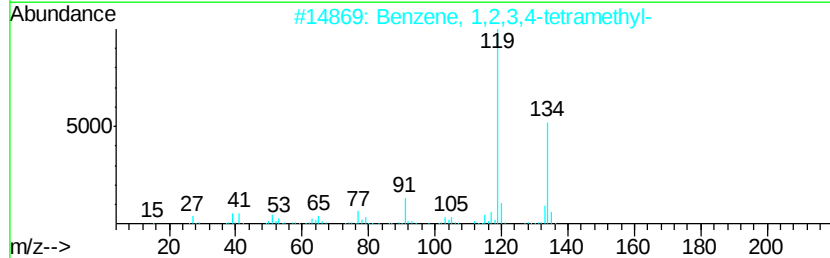
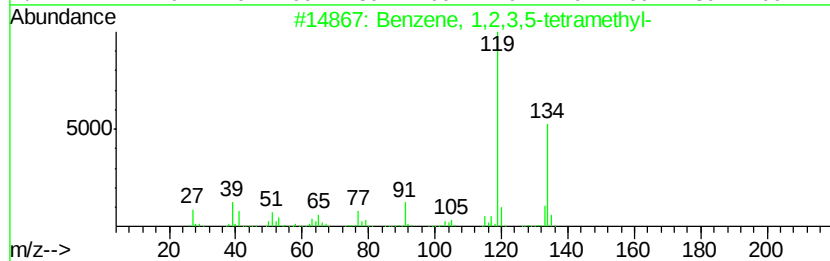
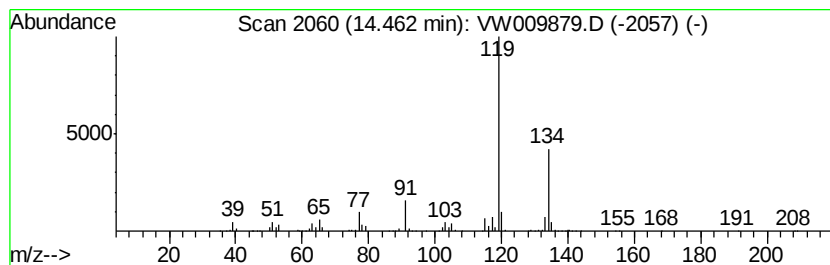
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	31.69 ug/L	487379	1,4-Dichlorobenzene-d4	13.56

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

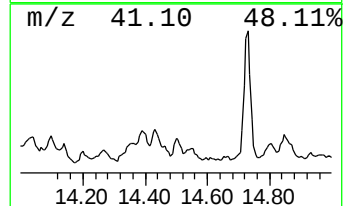
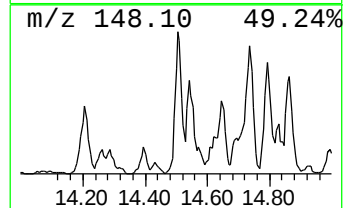
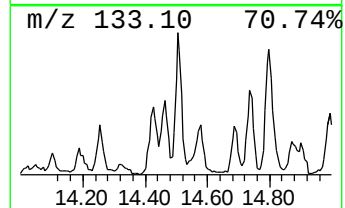
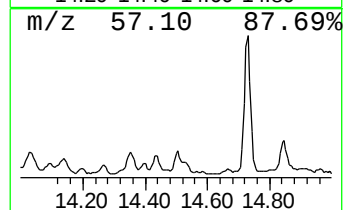
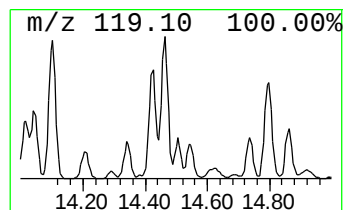
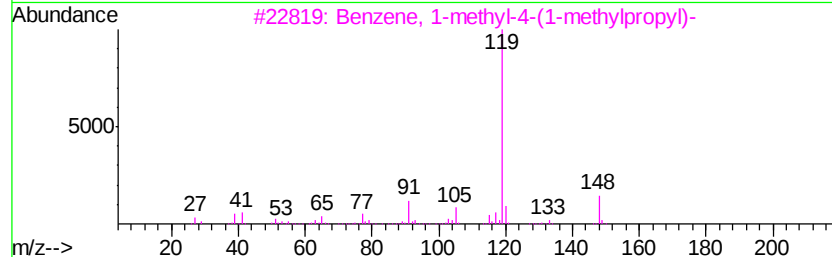
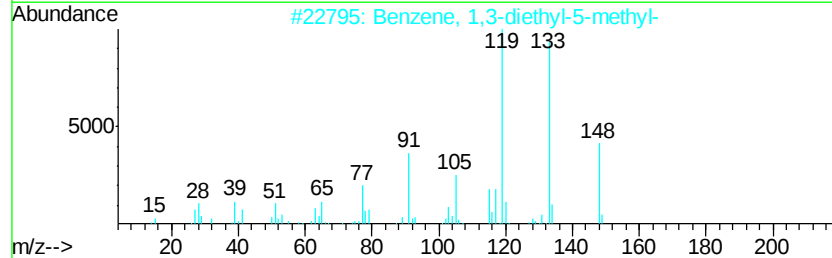
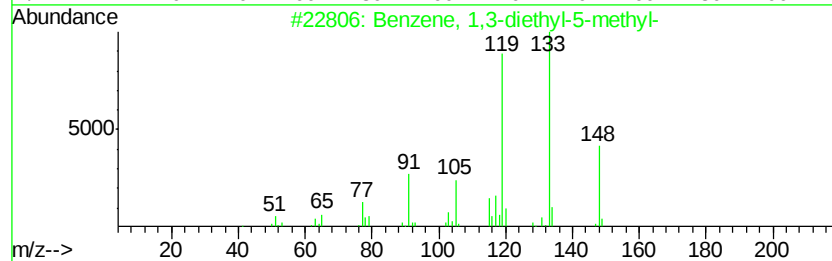
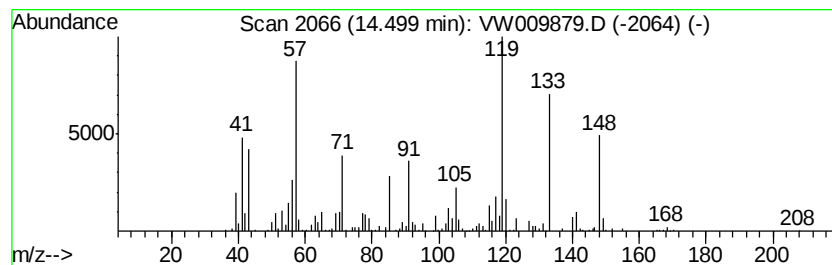
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 35 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	20.07 ug/L	308647	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	81
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	45
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	45
5		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

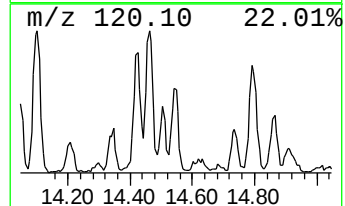
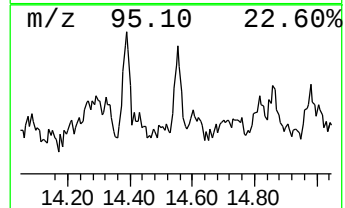
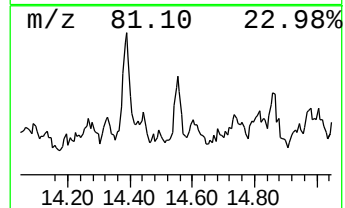
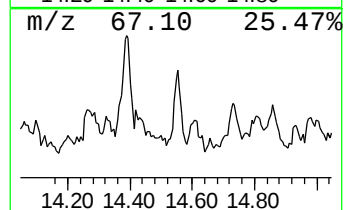
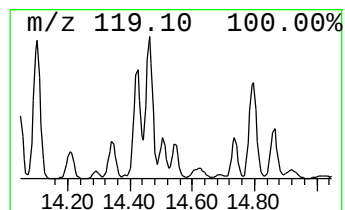
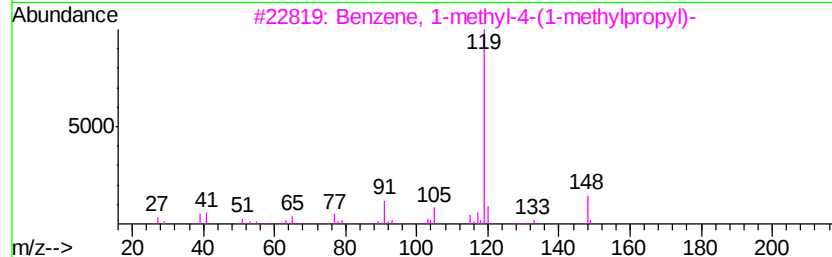
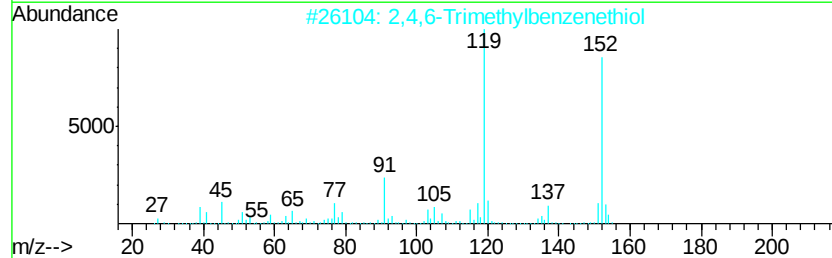
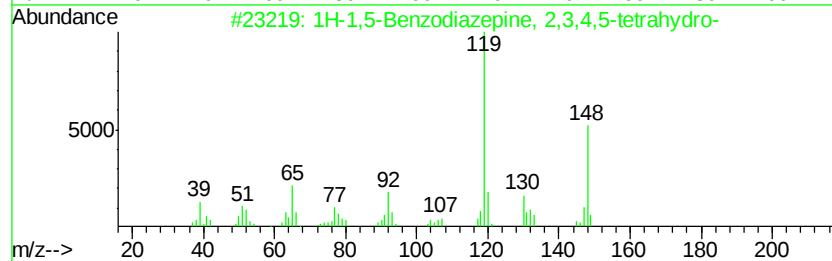
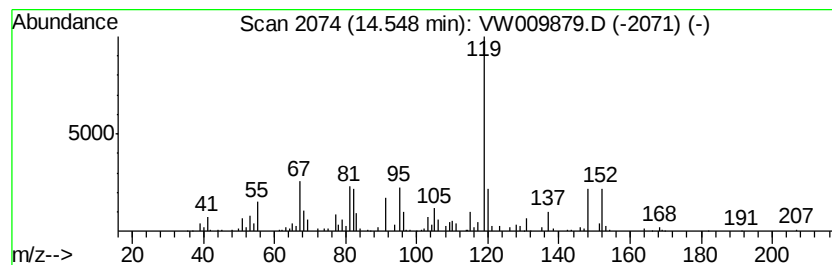
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 36 unknown-06 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	12.79 ug/L	196710	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	38
2		2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	38
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	35
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
5		Cyclohexanol, 5-methyl-2-(1-meth...	232	C16H24O	134256-18-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

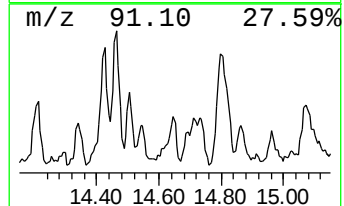
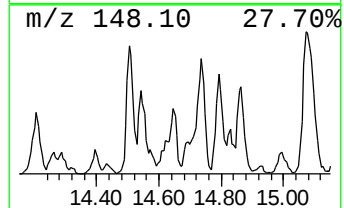
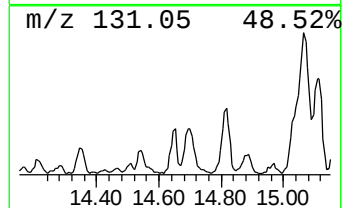
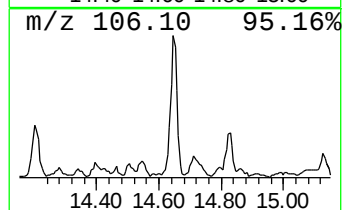
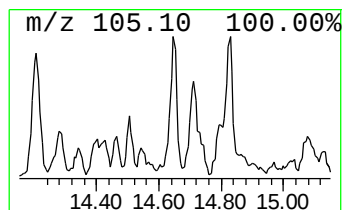
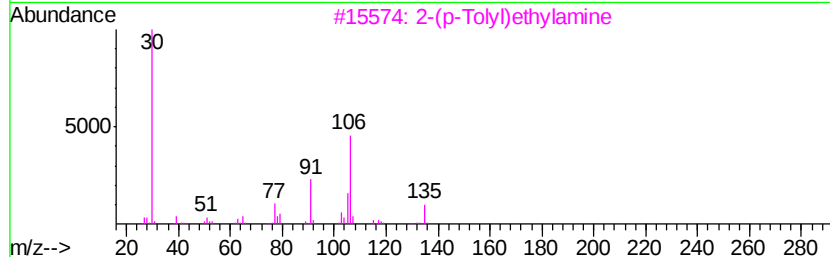
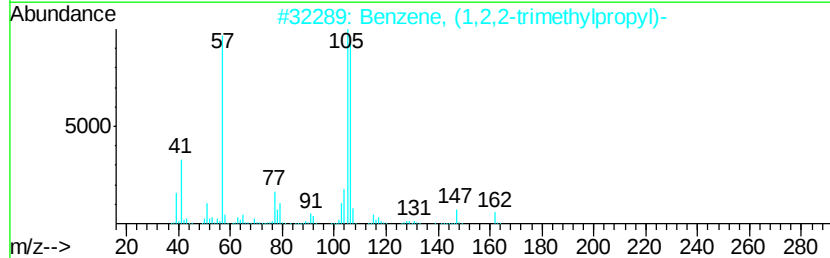
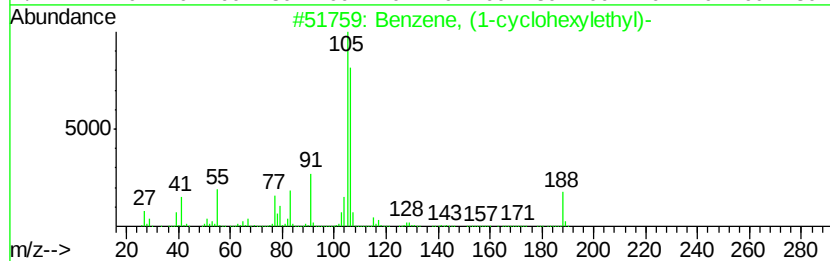
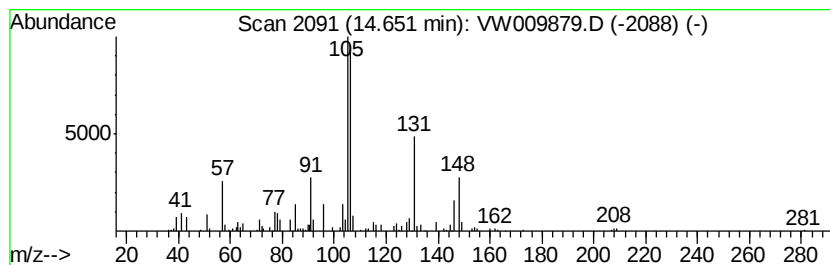
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 37 unknown-07 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	4.06 ug/L	62511	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	47
2		Benzene, (1,2,2-trimethylpropyl)-	162	C12H18	019262-20-5	47
3		2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	47
4		Benzaldehyde	106	C7H6O	000100-52-7	43
5		Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

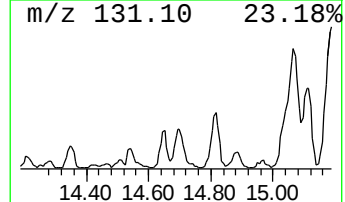
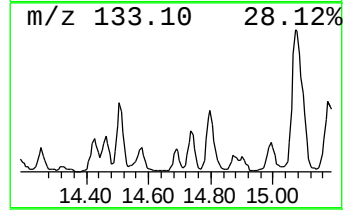
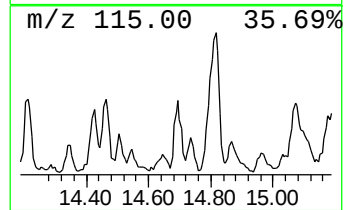
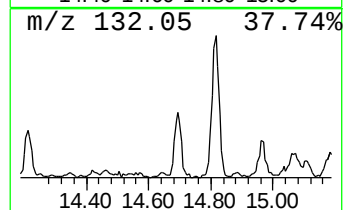
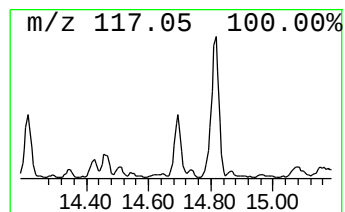
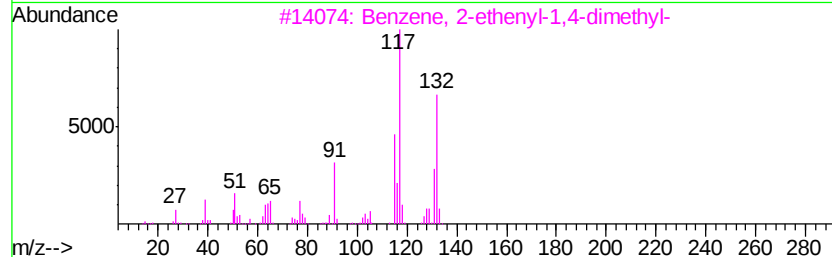
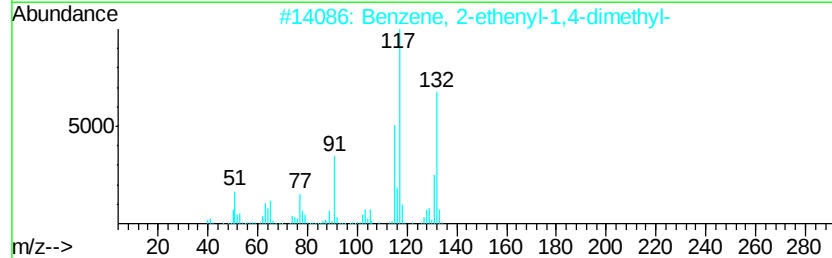
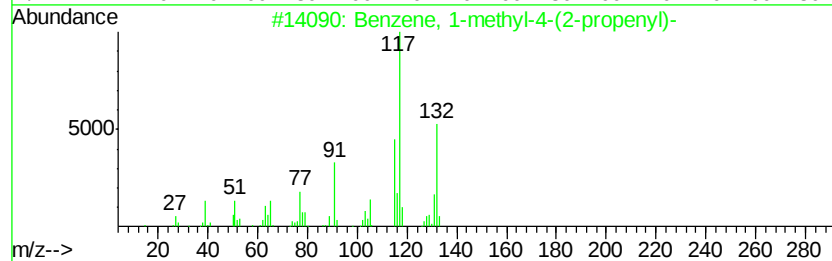
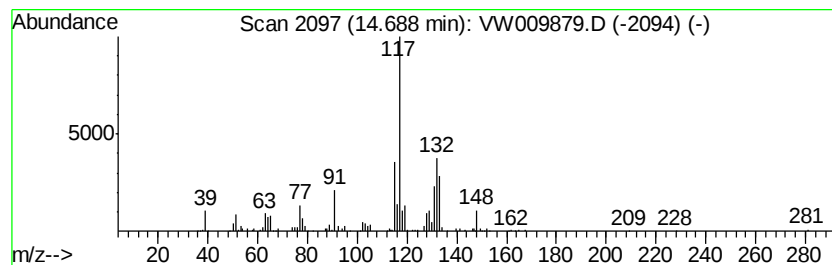
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 38 Benzene, 1-methyl-4-(2-prop... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	8.34 ug/L	128238	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
3		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	87
4		2,4-Dimethylstyrene	132	C10H12	002234-20-0	87
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

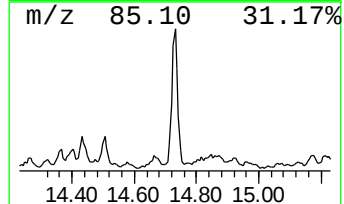
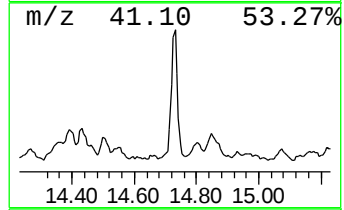
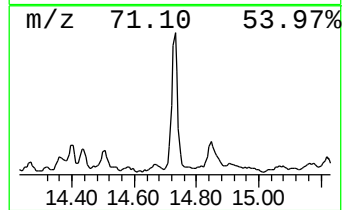
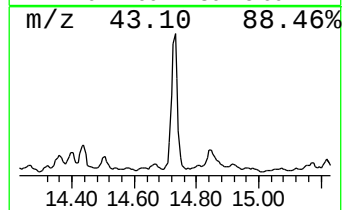
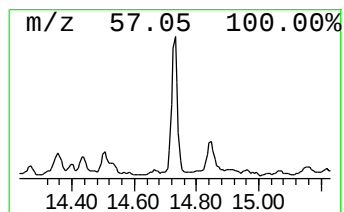
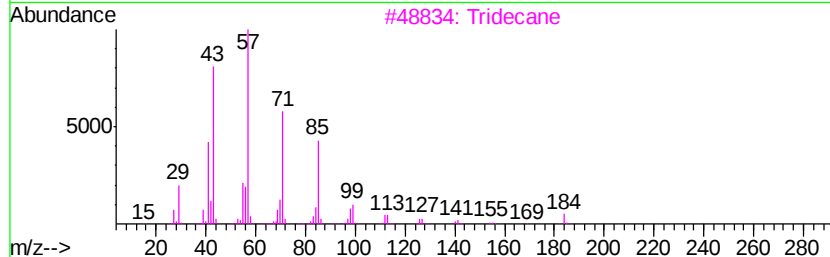
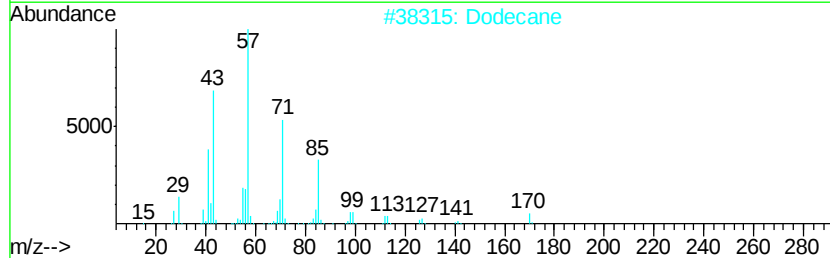
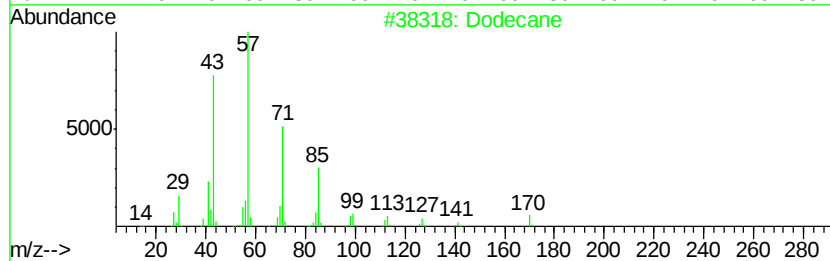
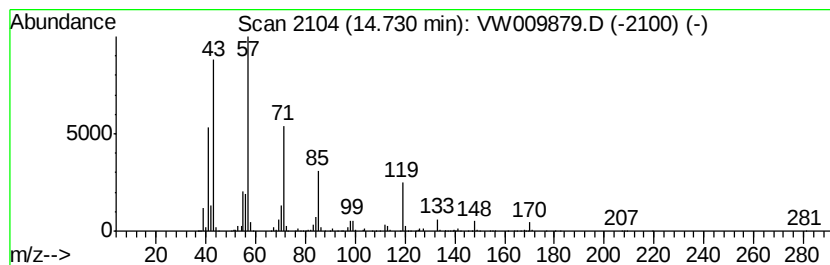
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	58.61 ug/L	901313	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	76
2		Dodecane	170	C12H26	000112-40-3	68
3		Tridecane	184	C13H28	000629-50-5	58
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58
5		Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

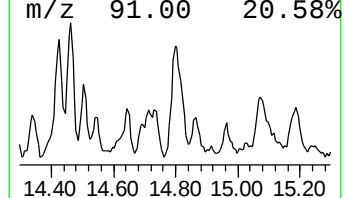
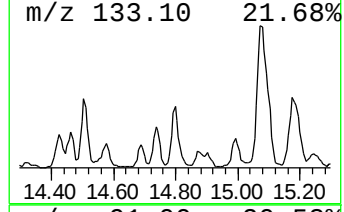
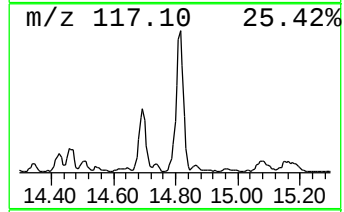
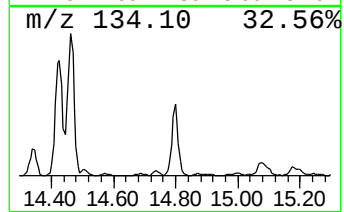
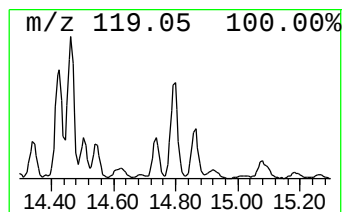
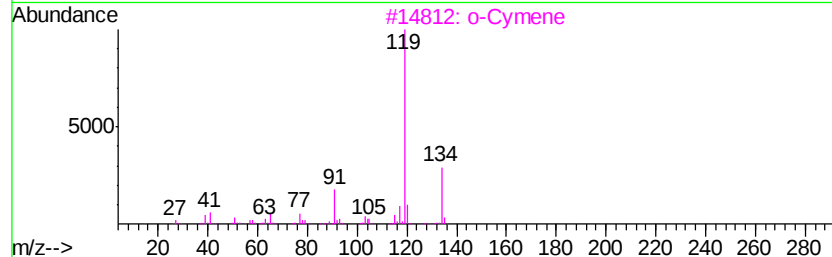
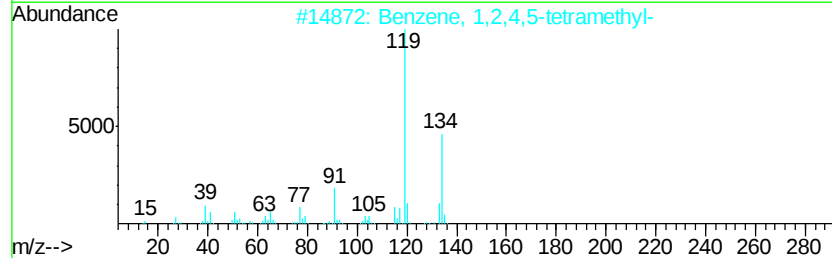
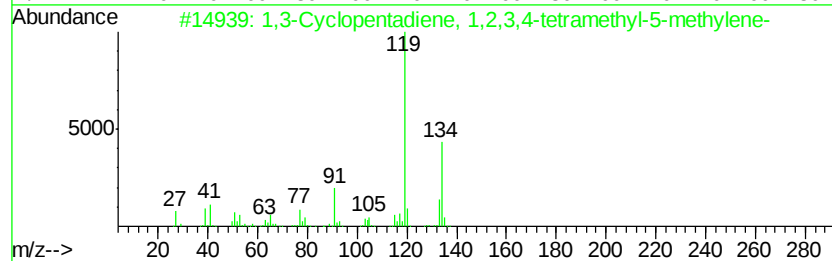
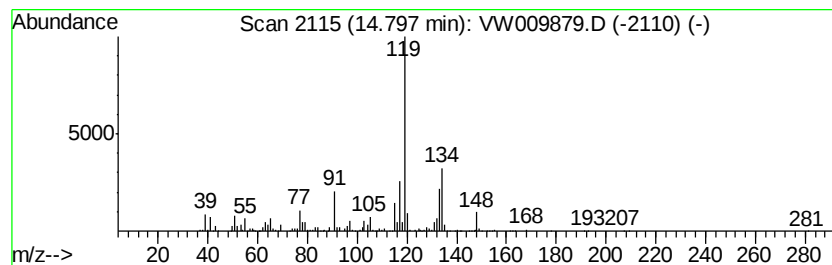
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 40 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	49.91 ug/L	767600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
3		o-Cymene	134	C10H14	000527-84-4	70
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

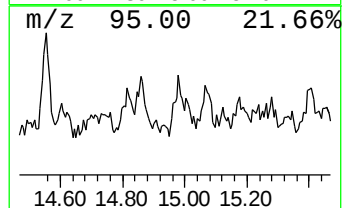
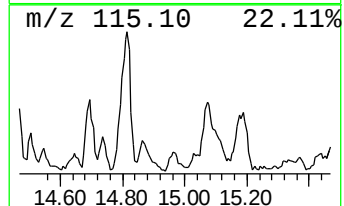
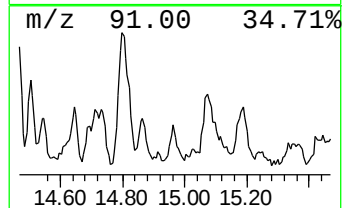
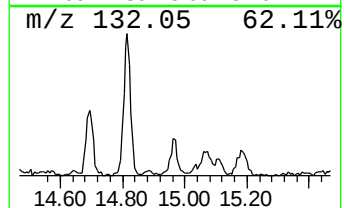
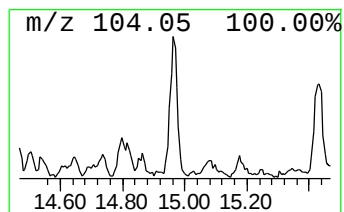
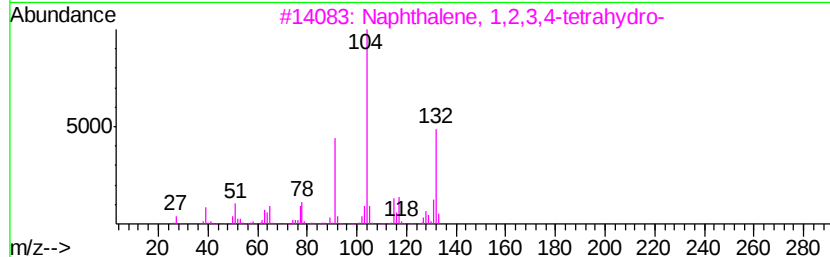
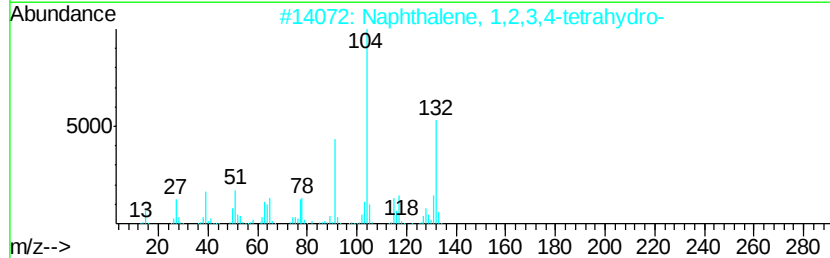
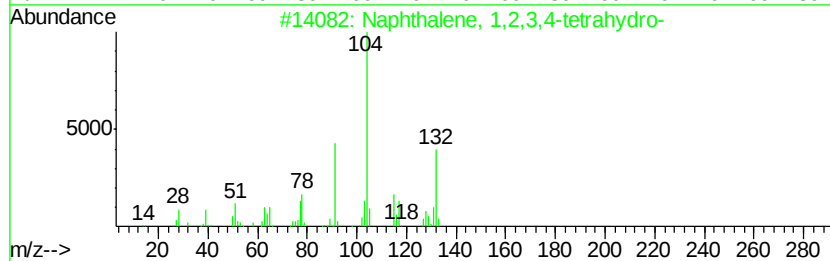
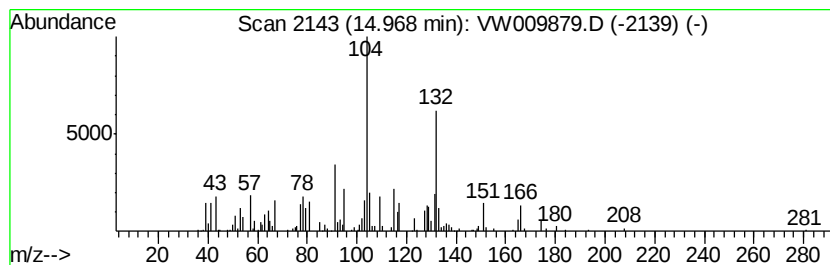
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 41 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.15 ug/L	63853	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	62
5		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

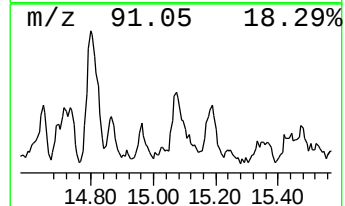
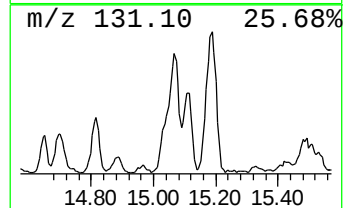
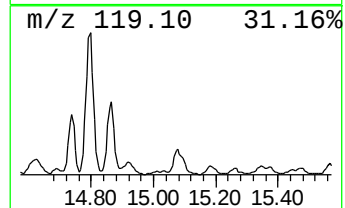
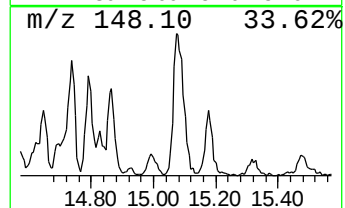
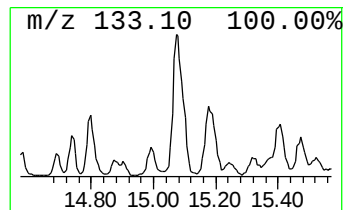
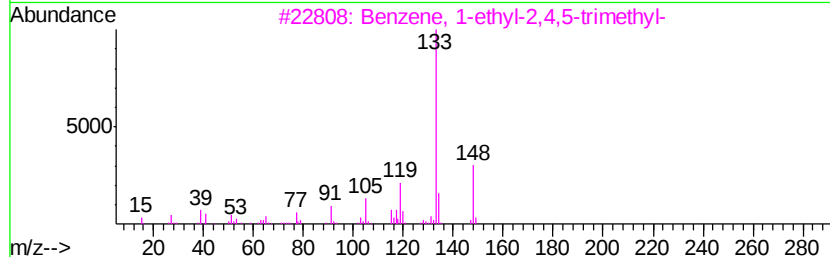
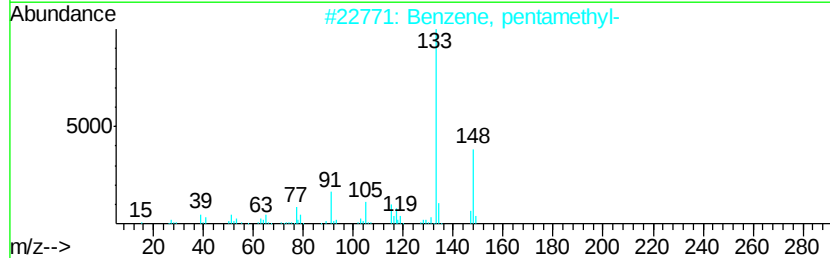
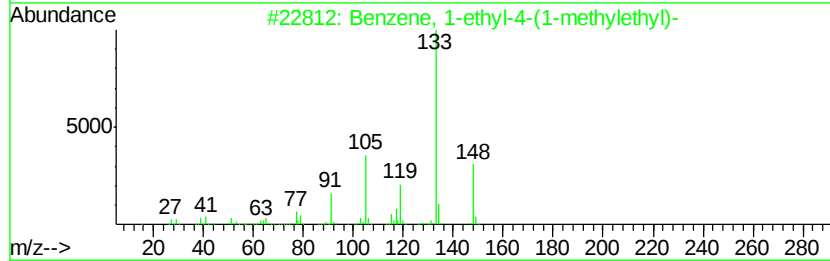
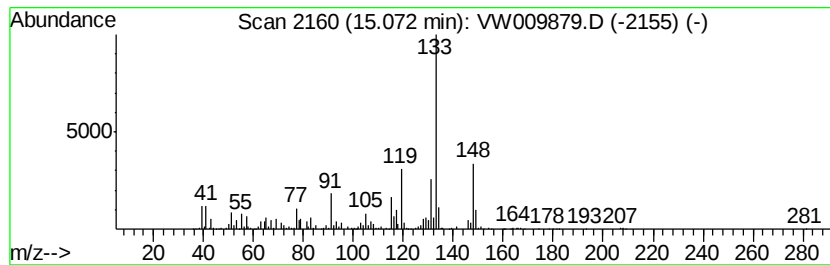
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	27.78 ug/L	427295	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	72
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	62
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	59
4		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	58
5		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

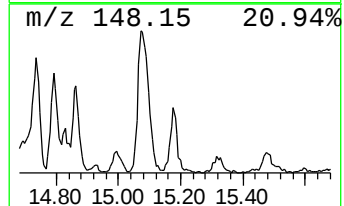
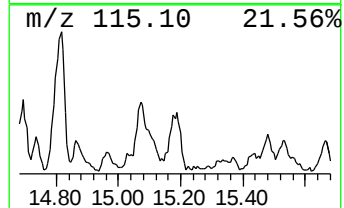
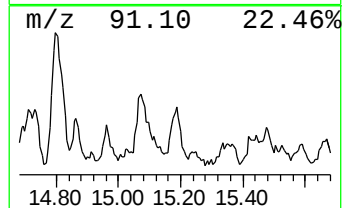
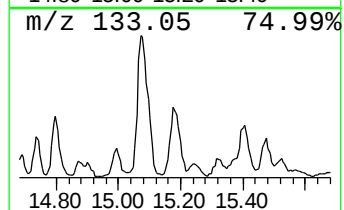
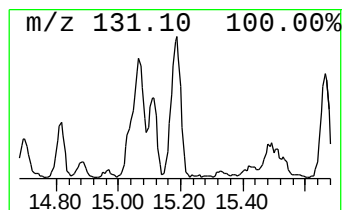
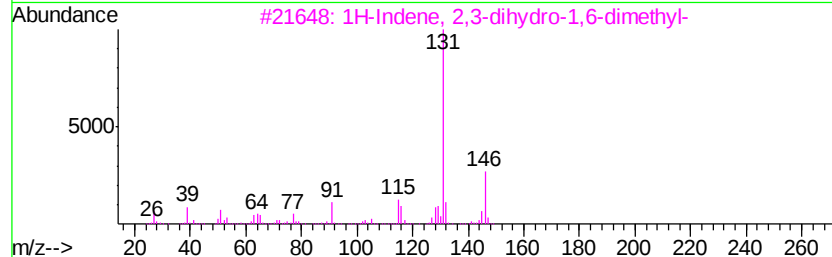
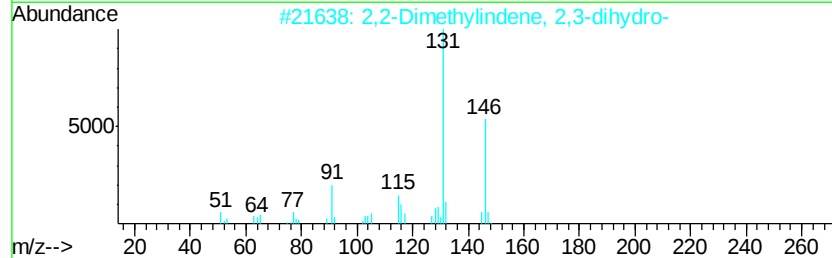
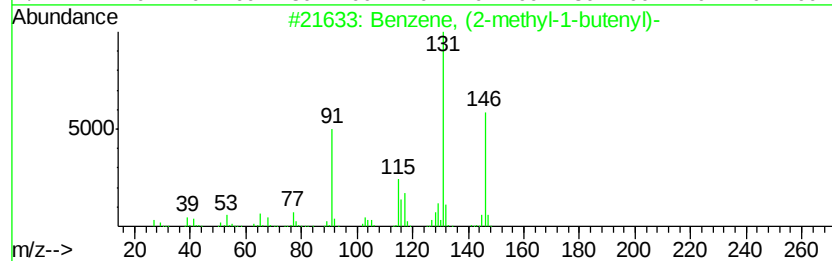
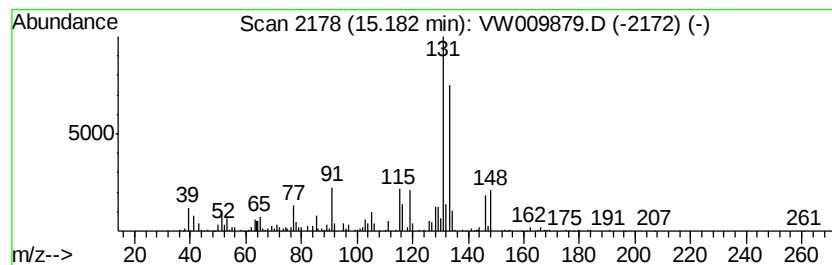
Instrument :
MSVOA_W
ClientSampleId :
BFC40

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 43 Benzene, (2-methyl-1-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	18.40 ug/L	282998	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 90
2		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 64
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146 C11H14	017059-48-2 50
4		Naphthalene, 1,2,3,4-tetrahydro-	146 C11H14	001559-81-5 50
5		Benzene, 1-methyl-2-(1-methyl-2-...	146 C11H14	097664-19-2 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

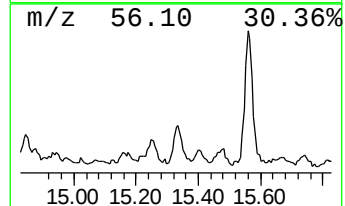
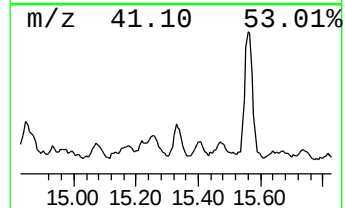
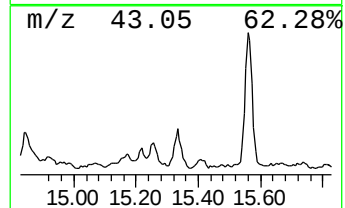
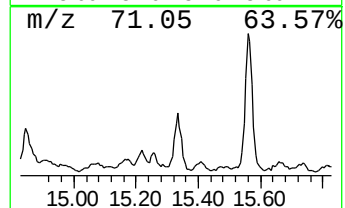
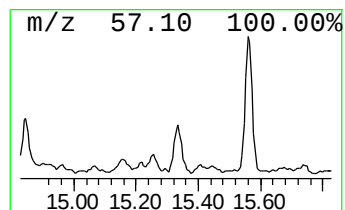
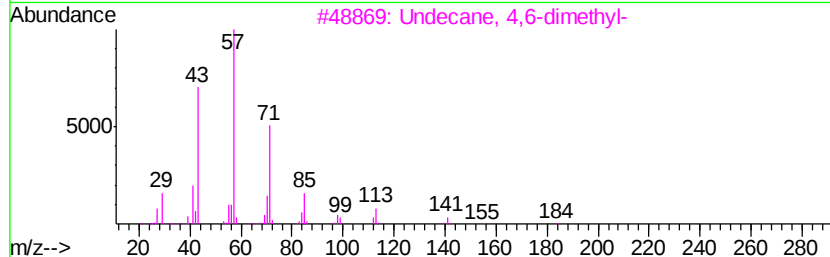
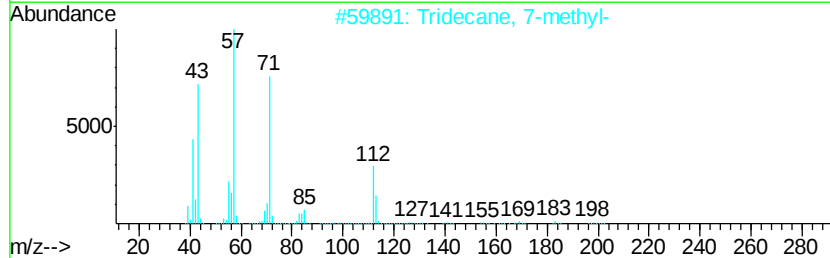
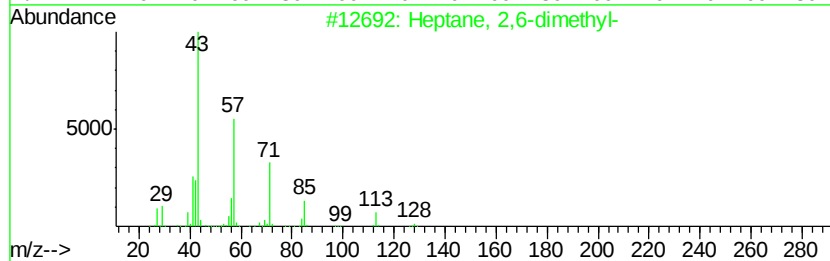
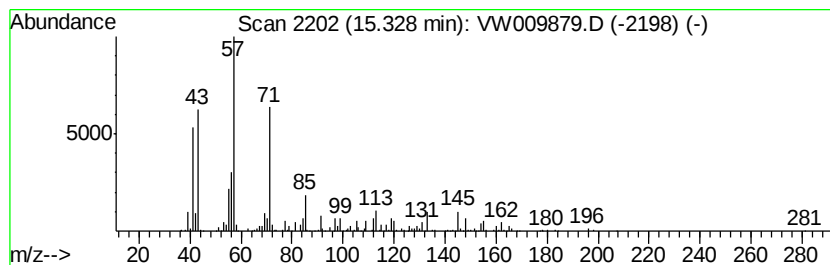
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	16.97 ug/L	260975	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	58
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	52
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	52
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

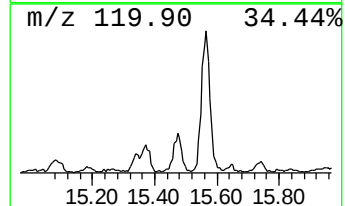
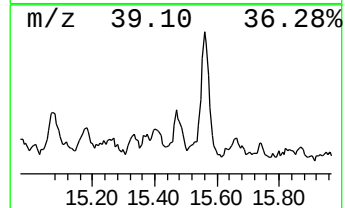
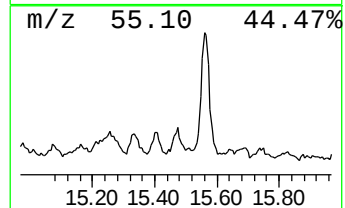
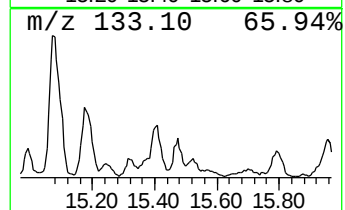
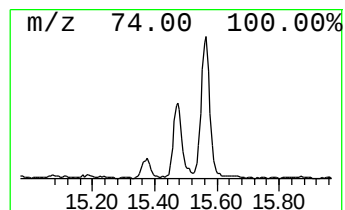
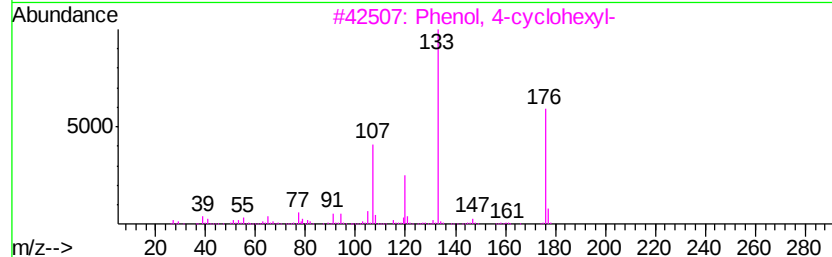
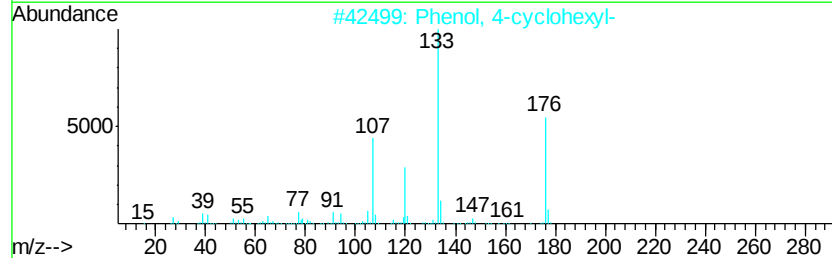
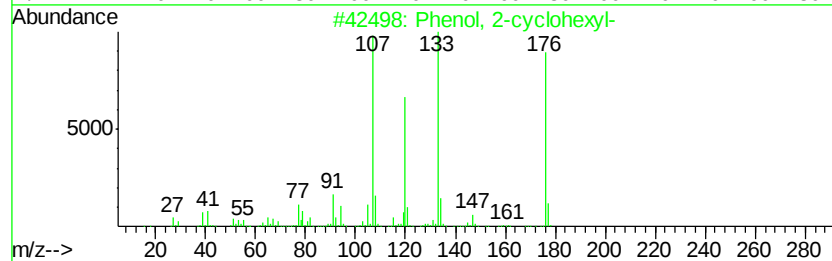
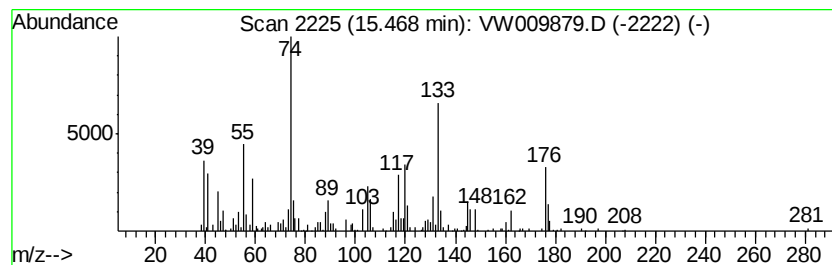
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 46 unknown-08 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	10.92 ug/L	167930	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-cvclohexyl-	176	C12H16O	000119-42-6	27
2		Phenol, 4-cvclohexyl-	176	C12H16O	001131-60-8	25
3		Phenol, 4-cvclohexyl-	176	C12H16O	001131-60-8	22
4		1,3,4-Thiadiazol-2-amine, 5-methyl-	115	C3H5N3S	000108-33-8	18
5		Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	11



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

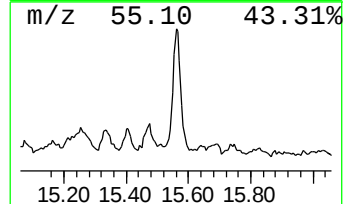
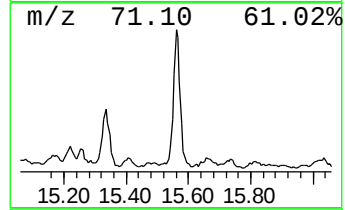
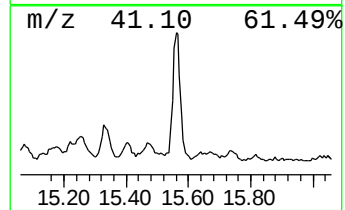
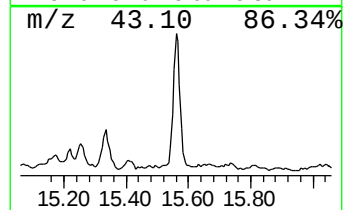
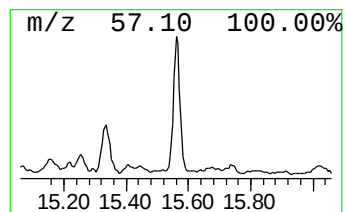
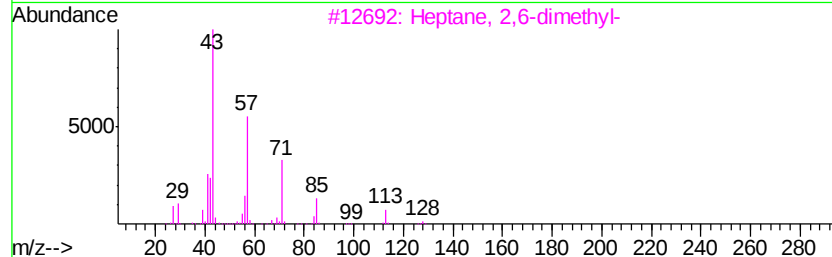
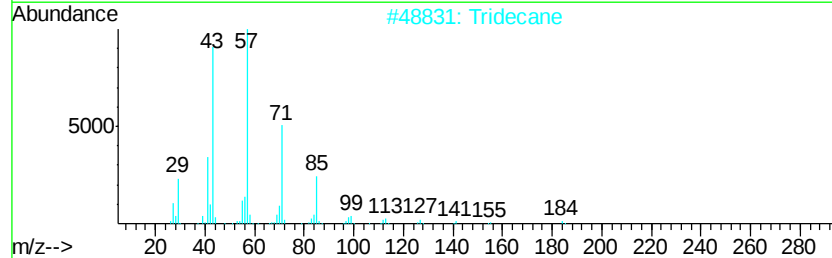
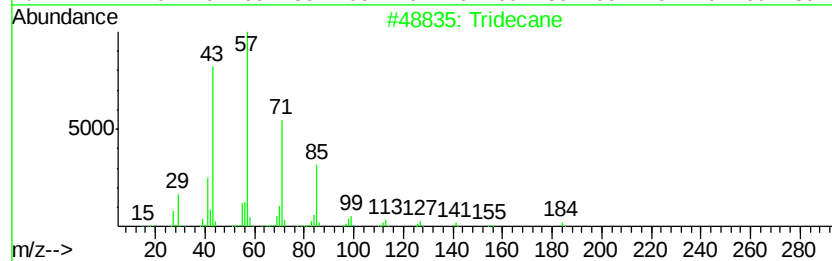
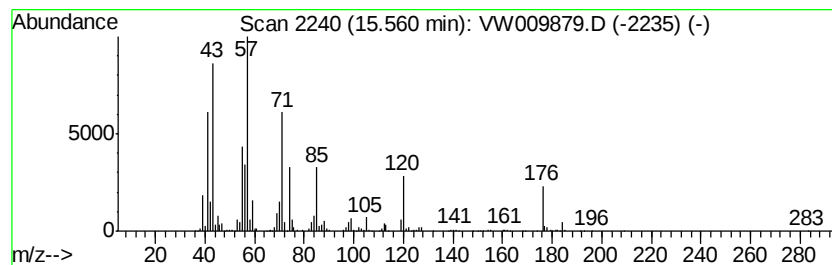
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	63.86 ug/L	982059	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	64
2		Tridecane	184	C13H28	000629-50-5	50
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	43
4		Hexadecane	226	C16H34	000544-76-3	43
5		Tetradecane	198	C14H30	000629-59-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

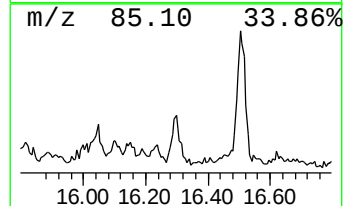
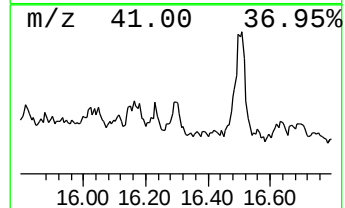
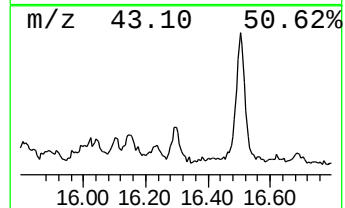
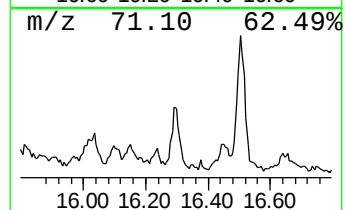
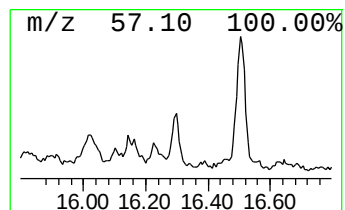
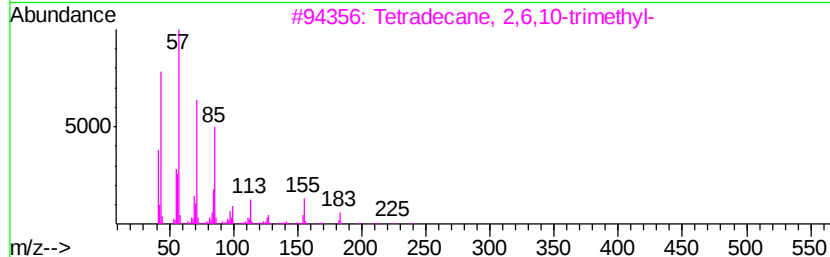
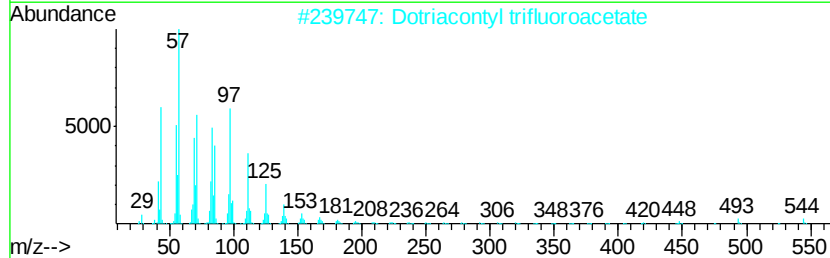
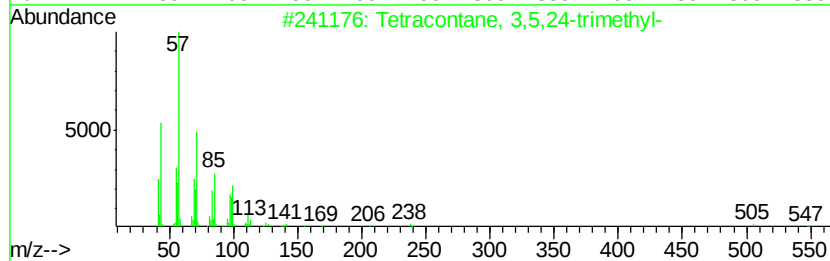
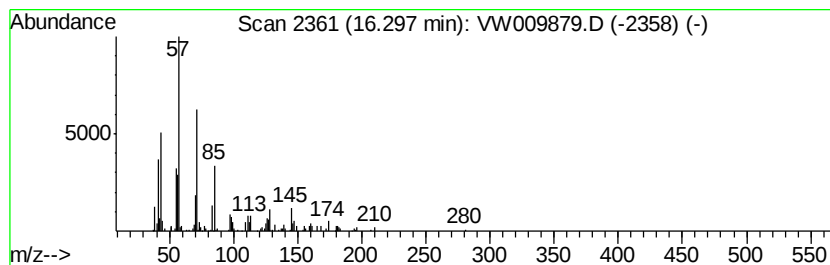
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	3.35 ug/L	51495	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59
2			Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	59
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	59
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	58
5			Octacosane	394	C28H58	000630-02-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

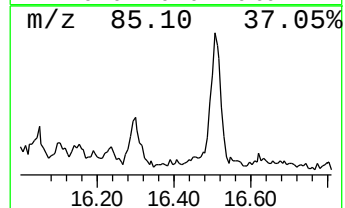
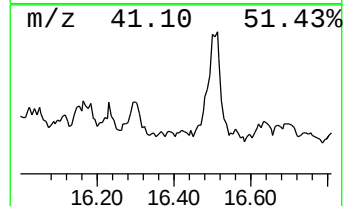
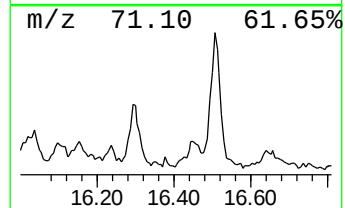
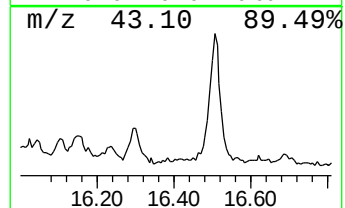
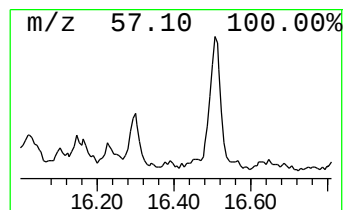
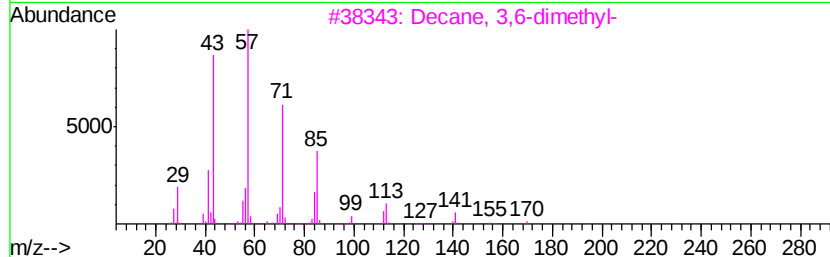
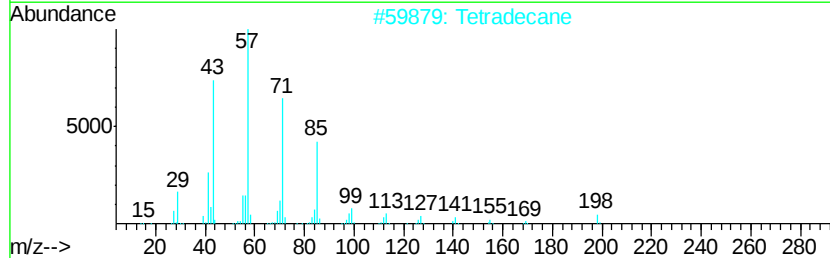
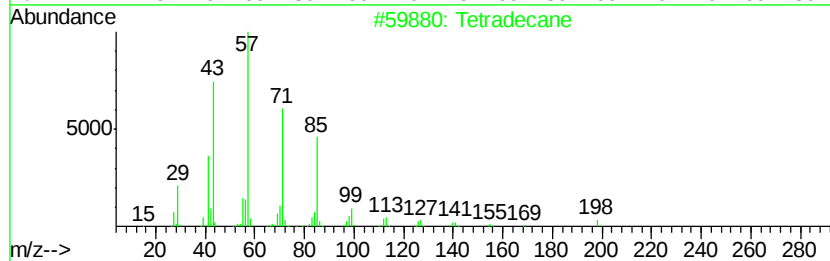
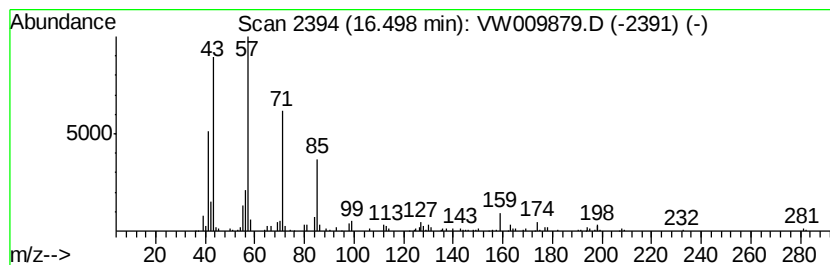
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	12.89 ug/L	198193	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Tetradecane	198	C14H30	000629-59-4	87
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040819\
Data File : VW009879.D
Acq On : 10 Apr 2019 13:00
Operator : SY/VA
Sample : K2254-19
Misc : 5.07G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFC40

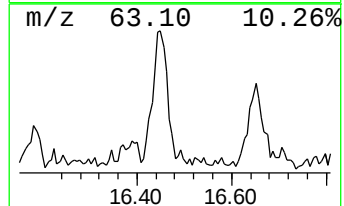
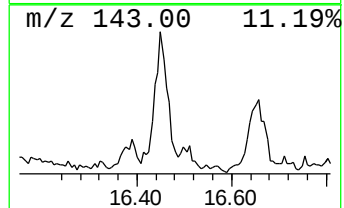
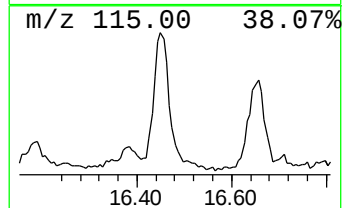
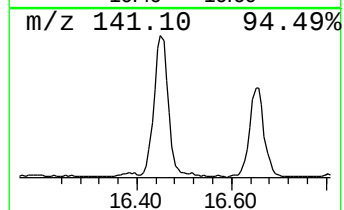
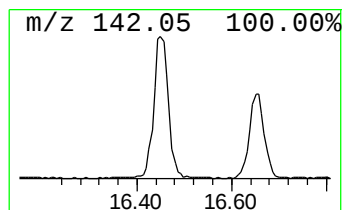
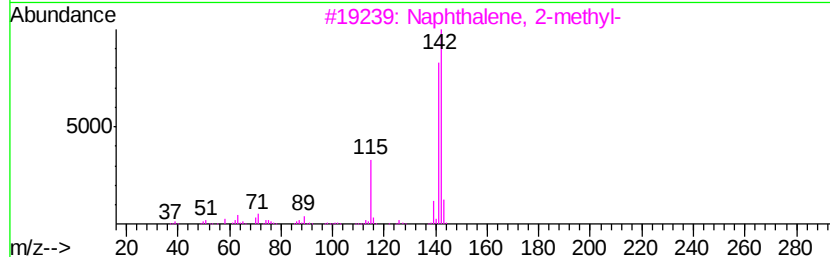
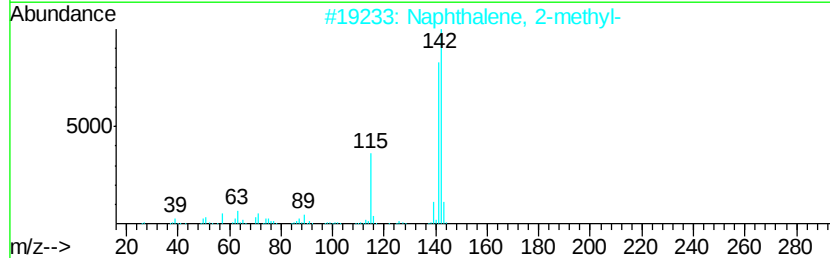
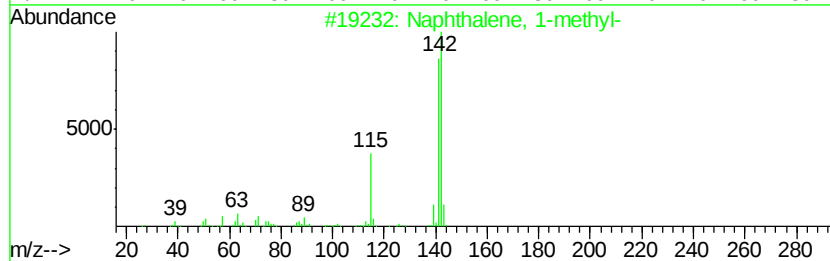
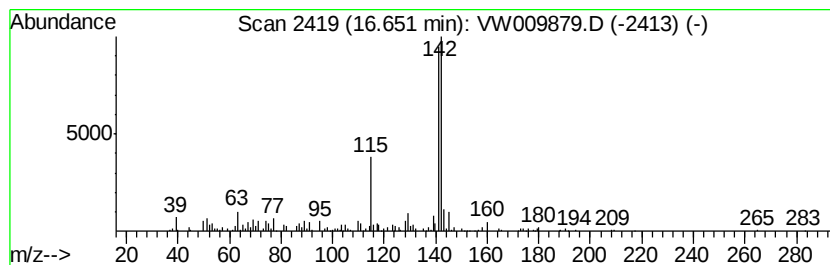
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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

Peak Number 54 Naphthalene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	17.41 ug/L	267756	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
4		Benzocycloheptatriene	142	C11H10	000264-09-5	87
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\
 Data File : VW009879.D
 Acq On : 10 Apr 2019 13:00
 Operator : SY/VA
 Sample : K2254-19
 Misc : 5.07G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFC40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.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
2-Pentanone, 4,4-...	10.83	3.6	ug/L	107782	2	11.63	748498	25.0
(DEL) Alkane: Cyc...	11.23	1.5	ug/L	45636	2	11.63	748498	25.0
(DEL) Alkane: Cyc...	11.29	2.0	ug/L	60564	2	11.63	748498	25.0
1H-Pyrazole, 4,5-...	11.41	2.1	ug/L	61671	2	11.63	748498	25.0
2-Ethyl-1-hexanol...	11.52	2.0	ug/L	58975	2	11.63	748498	25.0
(DEL) Alkane: Str...	12.25	2.0	ug/L	58522	2	11.63	748498	25.0
(DEL) Alkane: Str...	12.37	5.0	ug/L	148311	2	11.63	748498	25.0
Cyclohexane, 1-me...	12.52	1.6	ug/L	48004	2	11.63	748498	25.0
Benzene, propyl-	12.80	5.3	ug/L	81442	3	13.56	384479	25.0
Benzene, 1-ethyl-...	12.87	17.2	ug/L	265016	3	13.56	384479	25.0
(DEL) Alkane: Str...	12.94	46.4	ug/L	713820	3	13.56	384479	25.0
unknown-01	13.04	1.4	ug/L	21109	3	13.56	384479	25.0
unknown-02	13.16	34.5	ug/L	530664	3	13.56	384479	25.0
Benzene, 1,2,3-tr...	13.26	49.1	ug/L	754705	3	13.56	384479	25.0
(DEL) Alkane: Str...	13.30	4.4	ug/L	67031	3	13.56	384479	25.0
(DEL) Alkane: Str...	13.35	3.1	ug/L	48226	3	13.56	384479	25.0
(DEL) Alkane: Cyc...	13.44	13.5	ug/L	207009	3	13.56	384479	25.0
(DEL) Alkane: Str...	13.49	8.7	ug/L	133301	3	13.56	384479	25.0
unknown-03	13.63	10.4	ug/L	159976	3	13.56	384479	25.0
Benzene, 1,2-diet...	13.72	12.3	ug/L	189392	3	13.56	384479	25.0
unknown-04	13.76	14.6	ug/L	223712	3	13.56	384479	25.0
Benzene, 2-ethyl-...	13.79	20.9	ug/L	320794	3	13.56	384479	25.0
Benzene, 1-methyl...	13.95	4.3	ug/L	65556	3	13.56	384479	25.0
Benzene, 1-ethyl-...	14.10	31.2	ug/L	480332	3	13.56	384479	25.0
Benzene, (1-methy...	14.21	17.7	ug/L	271671	3	13.56	384479	25.0
unknown-05	14.27	9.1	ug/L	139655	3	13.56	384479	25.0
o-Cymene	14.35	19.6	ug/L	302012	3	13.56	384479	25.0
(DEL) Alkane: Cyc...	14.40	16.8	ug/L	257690	3	13.56	384479	25.0
Benzene, 1,2,4,5-...	14.43	39.9	ug/L	613172	3	13.56	384479	25.0
Benzene, 1,2,3,5-...	14.46	31.7	ug/L	487379	3	13.56	384479	25.0
Benzene, 1,3-diet...	14.50	20.1	ug/L	308647	3	13.56	384479	25.0
unknown-06	14.55	12.8	ug/L	196710	3	13.56	384479	25.0
unknown-07	14.65	4.1	ug/L	62511	3	13.56	384479	25.0
Benzene, 1-methyl...	14.69	8.3	ug/L	128238	3	13.56	384479	25.0
(DEL) Alkane: Str...	14.73	58.6	ug/L	901313	3	13.56	384479	25.0
1,3-Cyclopentadie...	14.80	49.9	ug/L	767600	3	13.56	384479	25.0
Naphthalene, 1,2,...	14.97	4.2	ug/L	63853	3	13.56	384479	25.0
Benzene, 1-ethyl-...	15.07	27.8	ug/L	427295	3	13.56	384479	25.0
Benzene, (2-methy...	15.18	18.4	ug/L	282998	3	13.56	384479	25.0
(DEL) Alkane: Str...	15.33	17.0	ug/L	260975	3	13.56	384479	25.0
unknown-08	15.47	10.9	ug/L	167930	3	13.56	384479	25.0
(DEL) Alkane: Str...	15.56	63.9	ug/L	982059	3	13.56	384479	25.0
(DEL) Alkane: Str...	16.30	3.4	ug/L	51495	3	13.56	384479	25.0
(DEL) Alkane: Str...	16.50	12.9	ug/L	198193	3	13.56	384479	25.0
Naphthalene, 1-me...	16.65	17.4	ug/L	267756	3	13.56	384479	25.0