

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014650.D
 Acq On : 15 Jan 2020 13:24
 Operator : SY/VA
 Sample : L1109-11
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	64	73	81	rVV	212852	372444	0.09%	0.013%
2	2.885	150	161	174	rBV	140841	331392	0.08%	0.011%
3	4.013	333	346	357	rBV	292539	897867	0.22%	0.031%
4	6.598	760	770	784	rVB2	85907	246240	0.06%	0.009%
5	7.074	841	848	853	rVV2	74262	205060	0.05%	0.007%
6	7.647	931	942	960	rVV	403757	1100591	0.28%	0.038%
7	8.323	1032	1053	1068	rBV2	47790630	123093179	30.82%	4.262%
8	8.561	1080	1092	1105	rVB	1611046	3630061	0.91%	0.126%
9	8.695	1105	1114	1127	rVB	311009	652554	0.16%	0.023%
10	8.842	1129	1138	1144	rBV	845820	1754746	0.44%	0.061%
11	9.274	1198	1209	1214	rBV	555400	1184253	0.30%	0.041%
12	9.341	1214	1220	1227	rVB4	310258	735717	0.18%	0.025%
13	9.848	1297	1303	1308	rBV	145516	276912	0.07%	0.010%
14	9.957	1316	1321	1328	rVB	210233	338214	0.08%	0.012%
15	10.030	1328	1333	1339	rVB	266732	458411	0.11%	0.016%
16	10.201	1354	1361	1365	rBV	490999	898821	0.23%	0.031%
17	10.262	1365	1371	1376	rBV	1575977	2939297	0.74%	0.102%
18	10.323	1376	1381	1384	rVV	1142910	2044663	0.51%	0.071%
19	10.396	1384	1393	1403	rVB2	92628933	240832840	60.31%	8.339%
20	10.494	1403	1409	1417	rVB2	6414171	11839249	2.96%	0.410%
21	10.573	1417	1422	1426	rBV2	180759	297200	0.07%	0.010%
22	10.640	1426	1433	1445	rVB	4587910	8306943	2.08%	0.288%
23	10.744	1445	1450	1460	rVB5	230175	655045	0.16%	0.023%
24	10.927	1473	1480	1489	rBV5	405814	964973	0.24%	0.033%
25	11.012	1489	1494	1497	rBV2	155698	251868	0.06%	0.009%
26	11.061	1497	1502	1505	rBV4	278936	504015	0.13%	0.017%
27	11.097	1505	1508	1512	rVB2	285926	438171	0.11%	0.015%
28	11.177	1517	1521	1525	rVB	299404	431710	0.11%	0.015%
29	11.244	1525	1532	1543	rBV	3593026	7011076	1.76%	0.243%
30	11.335	1543	1547	1553	rVB	256407	456829	0.11%	0.016%
31	11.414	1553	1560	1563	rBV2	273371	595465	0.15%	0.021%
32	11.512	1572	1576	1580	rBV	310986	487794	0.12%	0.017%
33	11.548	1580	1582	1589	rVB3	184985	269844	0.07%	0.009%
34	11.634	1589	1596	1602	rBV2	1299530	2302887	0.58%	0.080%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014650.D
 Acq On : 15 Jan 2020 13:24
 Operator : SY/VA
 Sample : L1109-11
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

35	11.731	1602	1612	1618	rBV	27221793	46530873	11.65%	1.611%
36	11.841	1618	1630	1640	rVV2	114335389	282530518	70.75%	9.783%
37	11.926	1640	1644	1646	rVV2	227863	333832	0.08%	0.012%
38	11.969	1646	1651	1663	rVB	5997236	9984466	2.50%	0.346%
39	12.115	1669	1675	1678	rBV	3758371	6377042	1.60%	0.221%
40	12.170	1678	1684	1692	rVV5	81357680	163743118	41.00%	5.670%
41	12.243	1692	1696	1701	rVB4	370136	722083	0.18%	0.025%
42	12.347	1701	1713	1723	rBV3	2038414	5125814	1.28%	0.177%
43	12.463	1727	1732	1736	rVV	1654821	2576829	0.65%	0.089%
44	12.524	1736	1742	1747	rVB6	336053	927059	0.23%	0.032%
45	12.609	1752	1756	1759	rBV2	150548	236359	0.06%	0.008%
46	12.646	1759	1762	1766	rVB	224664	299721	0.08%	0.010%
47	12.695	1766	1770	1773	rBV	488887	710299	0.18%	0.025%
48	12.737	1773	1777	1781	rVB	744630	1025616	0.26%	0.036%
49	12.804	1781	1788	1792	rBV	3138428	5032942	1.26%	0.174%
50	12.865	1792	1798	1802	rVV	30060154	55896654	14.00%	1.935%
51	12.896	1802	1803	1806	rVV	15725232	18289772	4.58%	0.633%
52	12.945	1806	1811	1817	rVV	44711493	76053892	19.04%	2.633%
53	12.993	1817	1819	1822	rVV	739007	916491	0.23%	0.032%
54	13.036	1822	1826	1830	rVB	979148	1508076	0.38%	0.052%
55	13.115	1830	1839	1846	rBV3	17904724	39492500	9.89%	1.367%
56	13.255	1854	1862	1867	rBV3	80231096	148604257	37.21%	5.146%
57	13.304	1867	1870	1874	rVV	7990053	11445855	2.87%	0.396%
58	13.353	1874	1878	1887	rVV2	2759603	5296600	1.33%	0.183%
59	13.475	1887	1898	1908	rVV2	61440802	123217831	30.86%	4.266%
60	13.585	1908	1916	1921	rVV2	34337084	60808041	15.23%	2.106%
61	13.627	1921	1923	1932	rVB2	8898295	12511074	3.13%	0.433%
62	13.755	1939	1944	1948	rBV	19452581	31648947	7.93%	1.096%
63	13.792	1948	1950	1955	rVB2	9655704	12399769	3.11%	0.429%
64	13.871	1959	1963	1968	rVB4	3797616	5920011	1.48%	0.205%
65	13.944	1968	1975	1982	rBV2	93135134	206128126	51.62%	7.137%
66	14.011	1982	1986	1988	rBV	4660680	6994072	1.75%	0.242%
67	14.042	1988	1991	1996	rVV2	4268944	7323211	1.83%	0.254%
68	14.097	1996	2000	2005	rVB	10838949	16052933	4.02%	0.556%
69	14.152	2005	2009	2013	rBV	2403300	3681528	0.92%	0.127%
70	14.206	2013	2018	2029	rVB2	5116414	10636610	2.66%	0.368%
71	14.286	2029	2031	2034	rBV4	166638	195943	0.05%	0.007%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014650.D
 Acq On : 15 Jan 2020 13:24
 Operator : SY/VA
 Sample : L1109-11
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

72	14.341	2034	2040	2043	rBV	2758014	4748958	1.19%	0.164%
73	14.395	2043	2049	2056	rBV2	20085948	44918029	11.25%	1.555%
74	14.487	2056	2064	2072	rVV3	43159458	107372760	26.89%	3.718%
75	14.554	2072	2075	2086	rVB3	7222945	13419570	3.36%	0.465%
76	14.645	2086	2090	2092	rBV2	988390	1283031	0.32%	0.044%
77	14.688	2092	2097	2101	rBV	7052276	11619740	2.91%	0.402%
78	14.731	2101	2104	2109	rVB3	4206939	5827255	1.46%	0.202%
79	14.798	2109	2115	2121	rBV2	13954225	30478911	7.63%	1.055%
80	14.871	2121	2127	2134	rVB	35575231	59601768	14.92%	2.064%
81	14.956	2134	2141	2149	rVB	33467357	56191886	14.07%	1.946%
82	15.072	2149	2160	2163	rBV4	3468076	9113862	2.28%	0.316%
83	15.188	2173	2179	2185	rBV3	2061536	4322980	1.08%	0.150%
84	15.304	2191	2198	2203	rBV3	7265811	20414756	5.11%	0.707%
85	15.383	2203	2211	2219	rVV3	129365749	399342807	100.00%	13.827%
86	15.475	2219	2226	2232	rVV	25805628	52685888	13.19%	1.824%
87	15.523	2232	2234	2237	rVV2	576550	728944	0.18%	0.025%
88	15.657	2249	2256	2260	rBV	1479665	3224086	0.81%	0.112%
89	15.725	2263	2267	2273	rVV	1791910	4244002	1.06%	0.147%
90	15.798	2273	2279	2282	rVV3	1794493	3991153	1.00%	0.138%
91	15.846	2282	2287	2291	rVV3	2281109	5685063	1.42%	0.197%
92	15.895	2291	2295	2300	rVV	2155455	4629119	1.16%	0.160%
93	15.968	2300	2307	2323	rVV4	2272185	9529122	2.39%	0.330%
94	16.096	2324	2328	2332	rVV2	451741	842690	0.21%	0.029%
95	16.170	2333	2340	2345	rVV4	491928	1402762	0.35%	0.049%
96	16.255	2347	2354	2364	rVV4	960117	3684148	0.92%	0.128%
97	16.377	2364	2374	2378	rVV2	2306185	6768217	1.69%	0.234%
98	16.444	2378	2385	2398	rVV3	57205570	143017969	35.81%	4.952%
99	16.566	2398	2405	2410	rVV2	2398334	5473103	1.37%	0.190%
100	16.645	2410	2418	2428	rVB	32466830	75494271	18.90%	2.614%

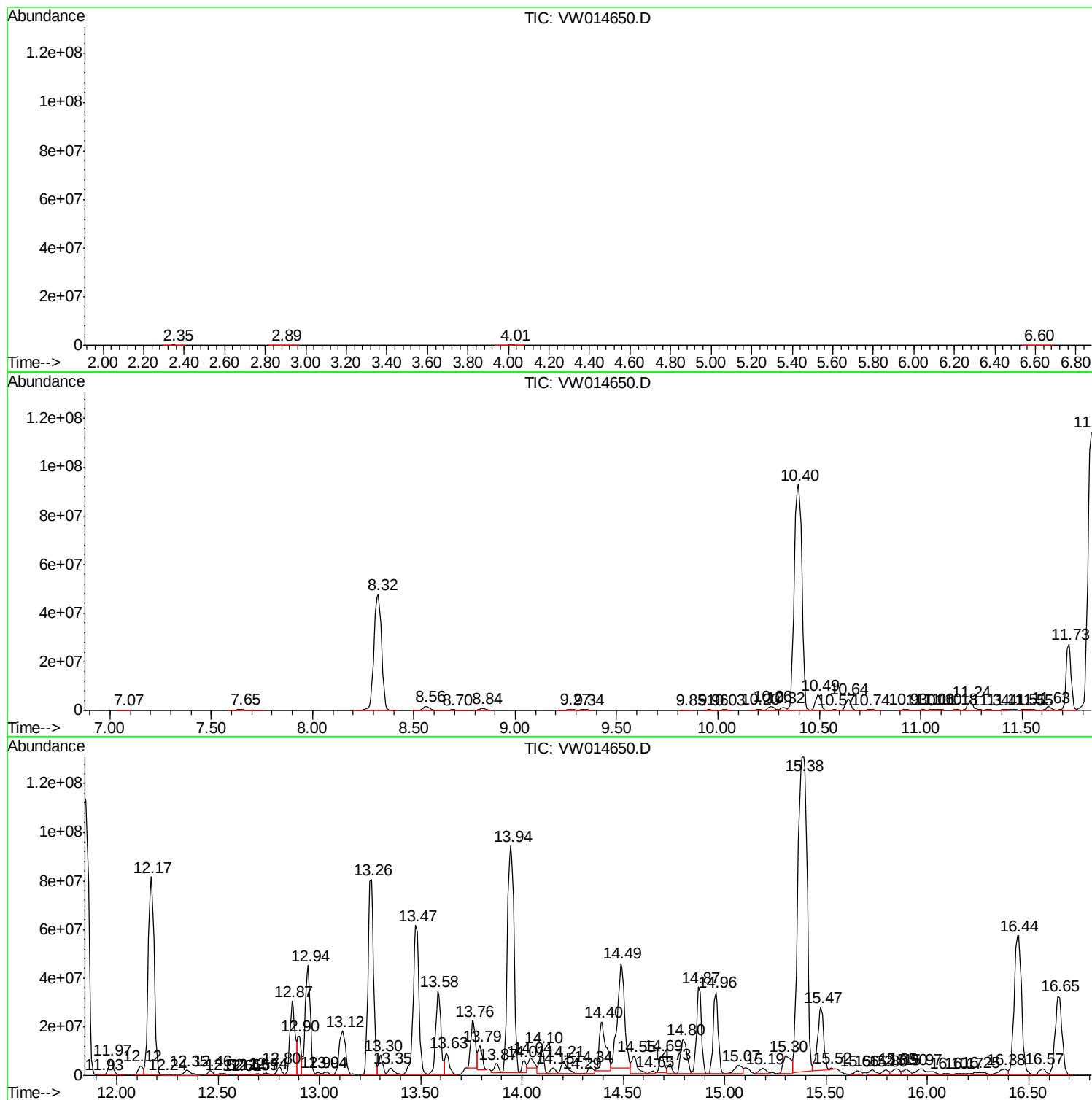
Sum of corrected areas: 2888041945

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

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

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

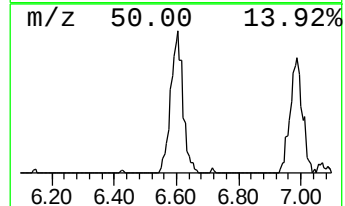
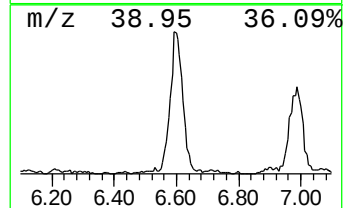
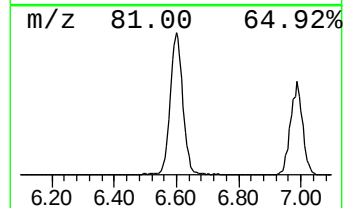
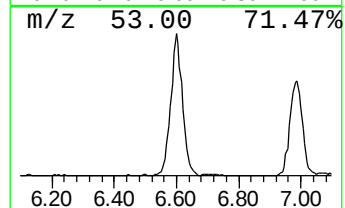
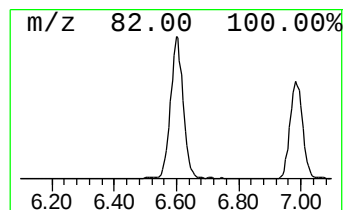
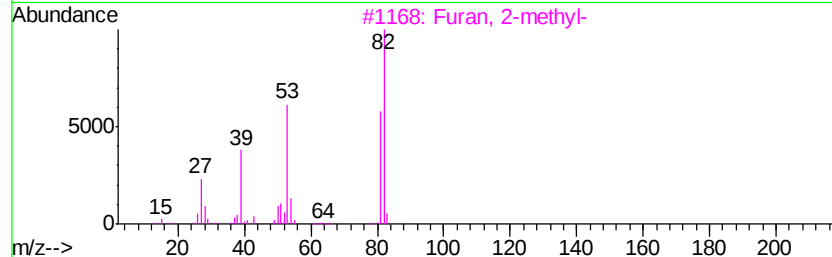
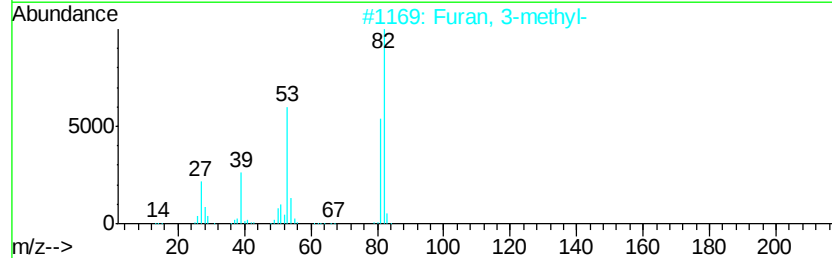
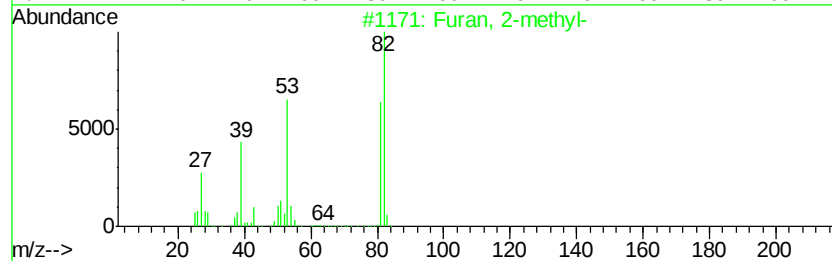
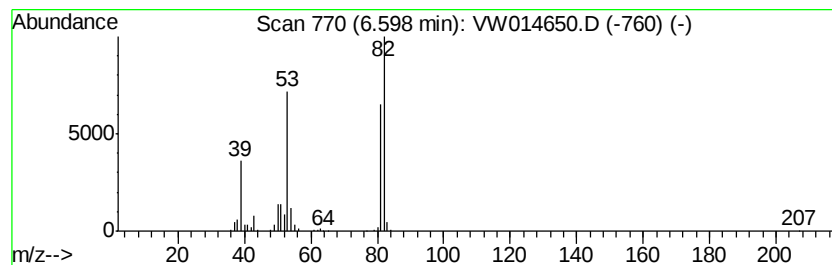
Instrument :
MSVOA_W
ClientSampleId :
GASH0

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

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

Peak Number 1 Furan, 2-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	3.51 ug/L	246240	1,4-Difluorobenzene	8.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Furan, 2-methyl-	82 C5H6O	000534-22-5	94
2	Furan, 3-methyl-	82 C5H6O	000930-27-8	91
3	Furan, 2-methyl-	82 C5H6O	000534-22-5	91
4	Furan, 2-methyl-	82 C5H6O	000534-22-5	91
5	Furan, 2-methyl-	82 C5H6O	000534-22-5	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

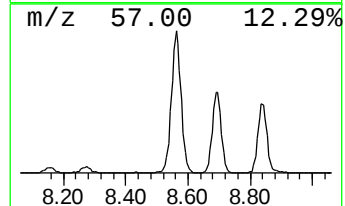
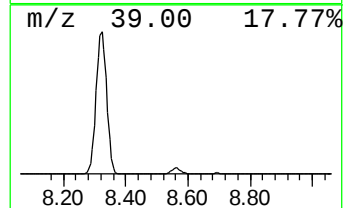
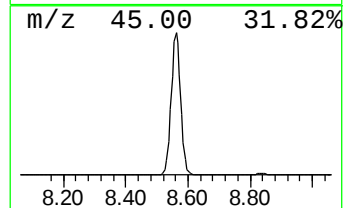
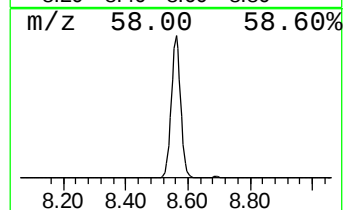
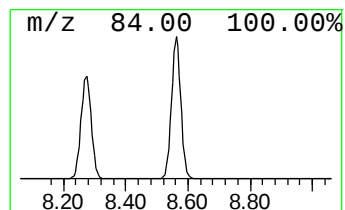
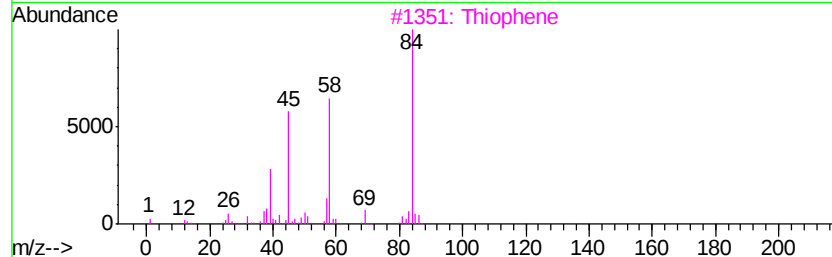
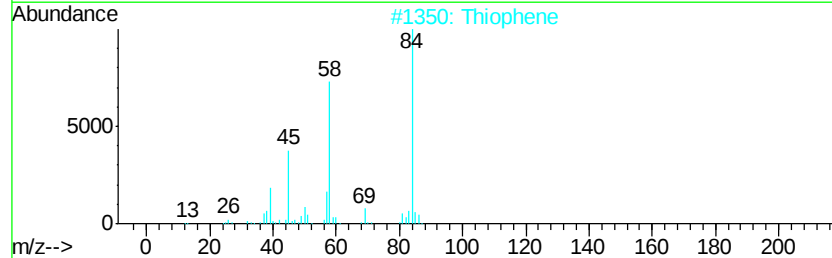
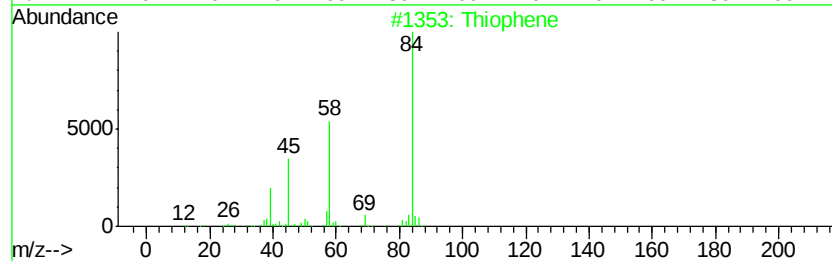
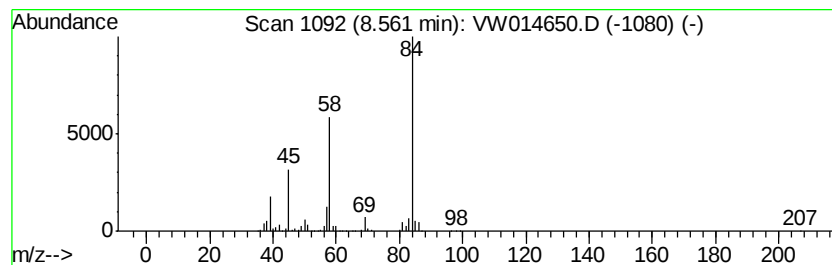
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 2 Thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	51.72 ug/L	3630060	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene	84	C4H4S	000110-02-1	97
2		Thiophene	84	C4H4S	000110-02-1	97
3		Thiophene	84	C4H4S	000110-02-1	91
4		Thiophene	84	C4H4S	000110-02-1	91
5		Pyridine-D5-	84	C5D5N	007291-22-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

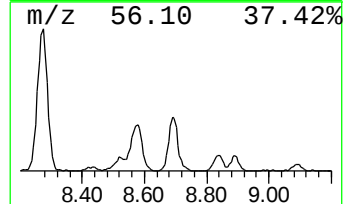
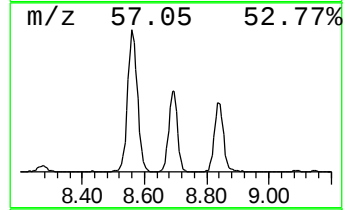
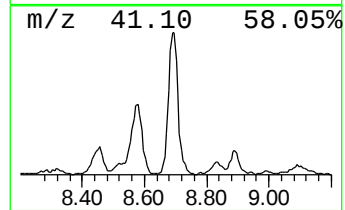
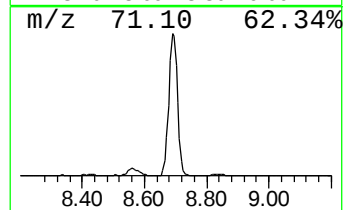
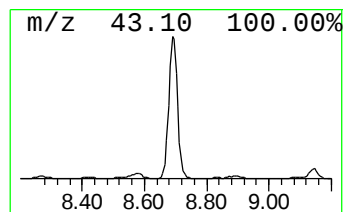
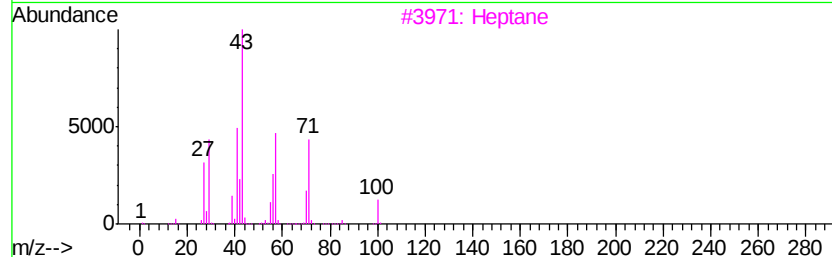
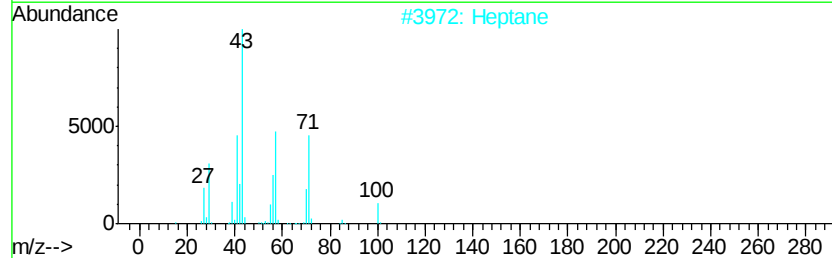
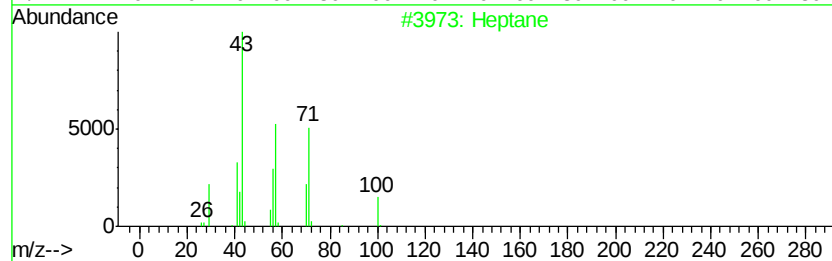
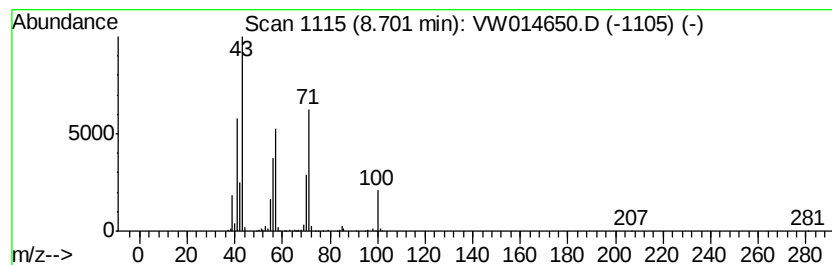
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	9.30 ug/L	652554	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	72
3		Heptane	100	C7H16	000142-82-5	52
4		Heptane	100	C7H16	000142-82-5	50
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

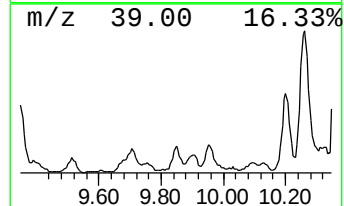
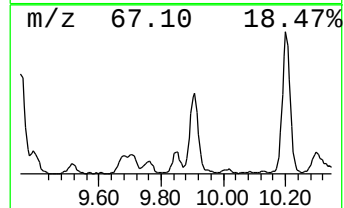
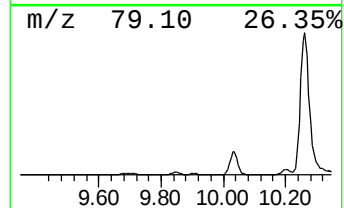
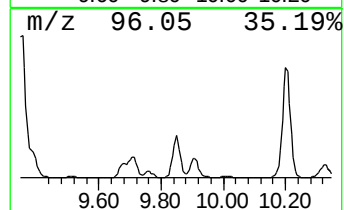
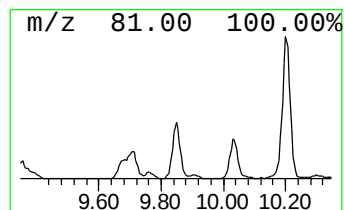
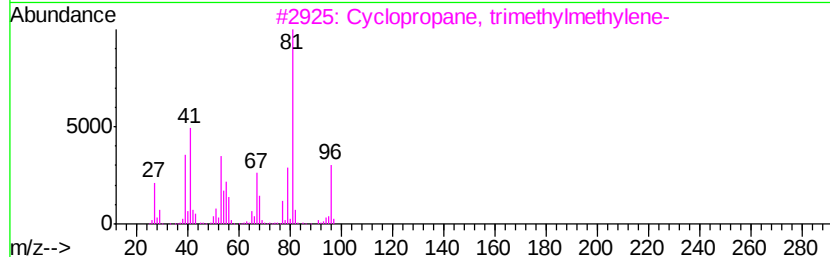
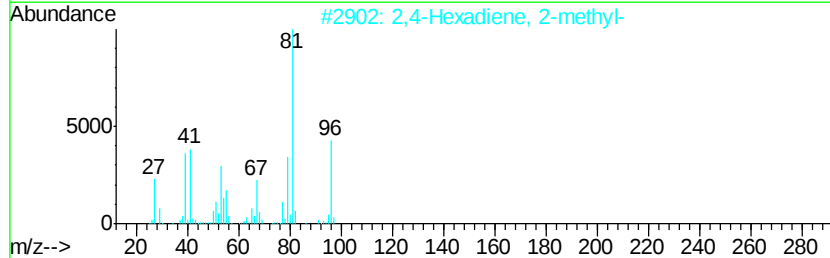
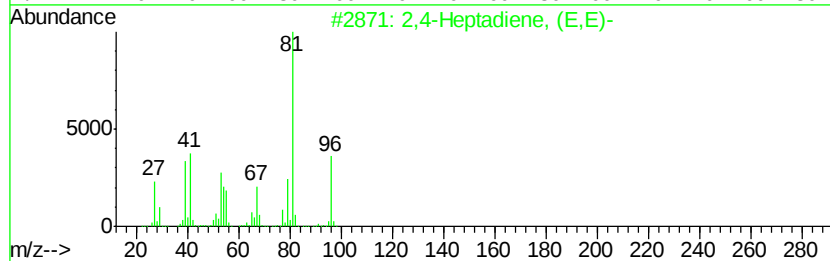
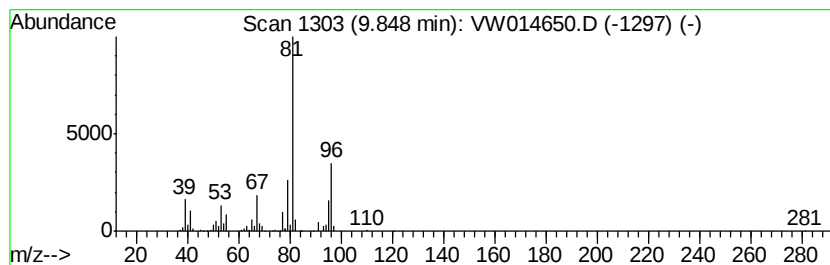
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 4 2,4-Heptadiene, (E,E)- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.95 ug/L	276912	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	90
2		2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	90
3		Cyclopropane, trimethylmethylen-	96	C7H12	034462-28-7	90
4		2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	87
5		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

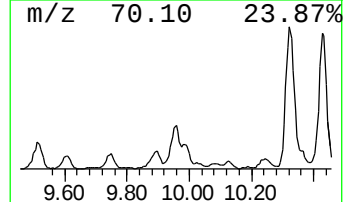
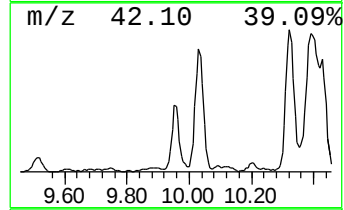
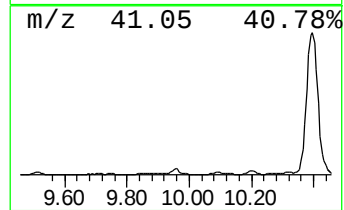
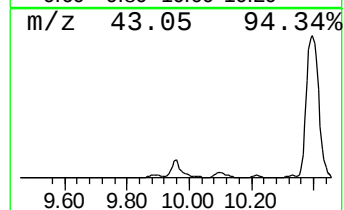
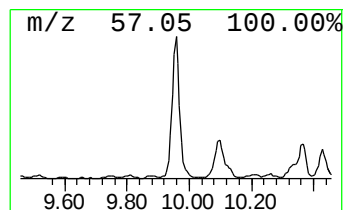
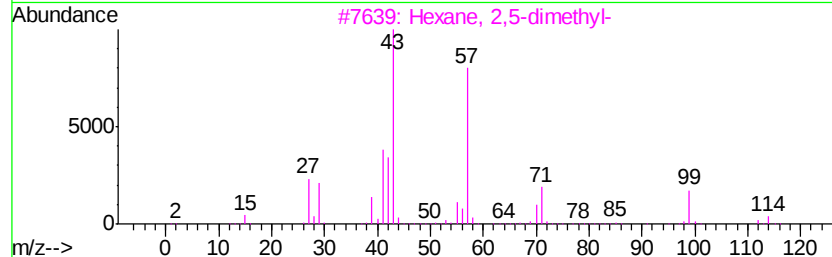
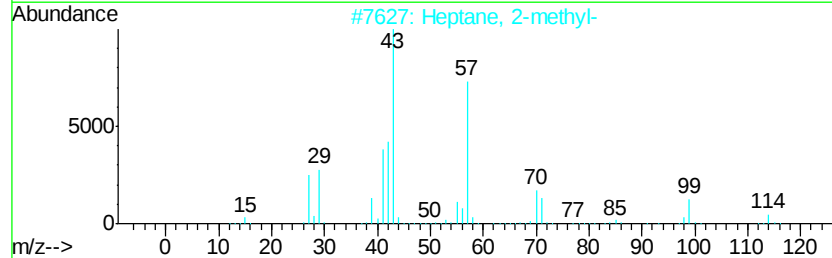
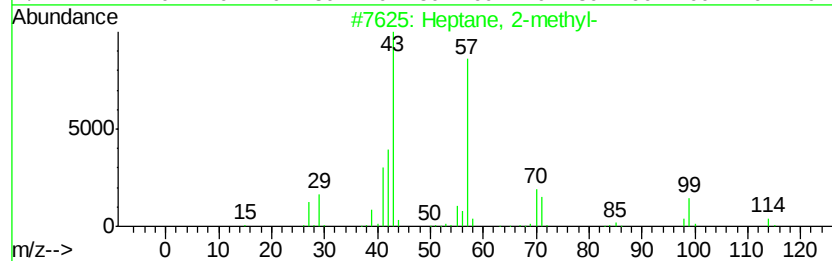
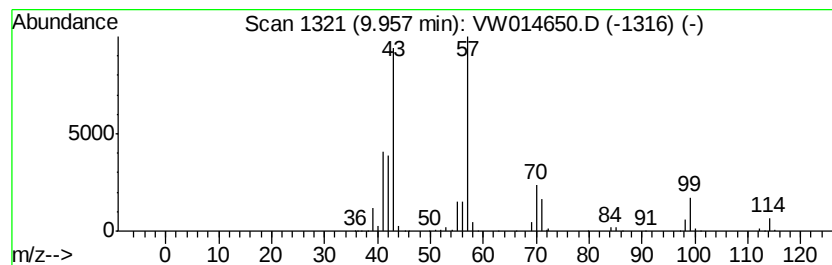
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	4.82 ug/L	338214	1,4-Difluorobenzene	8.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2		Heptane, 2-methyl-	114	C8H18	000592-27-8	94
3		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74
4		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
5		Heptane, 2-methyl-	114	C8H18	000592-27-8	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

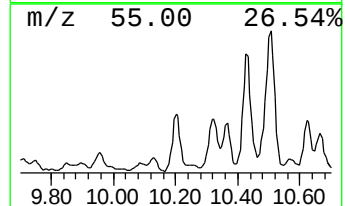
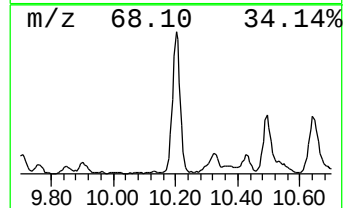
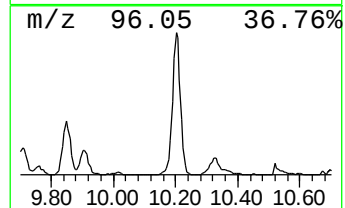
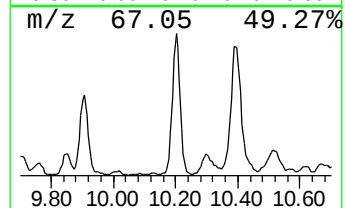
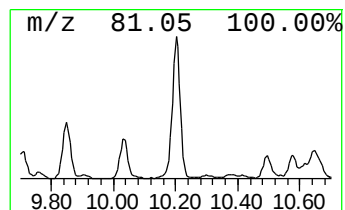
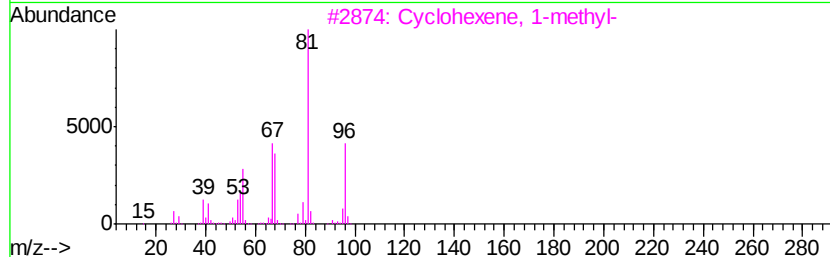
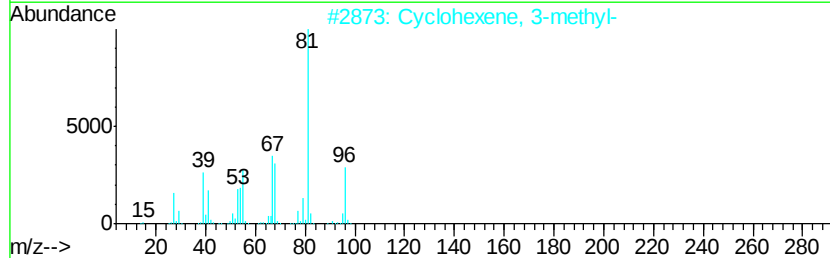
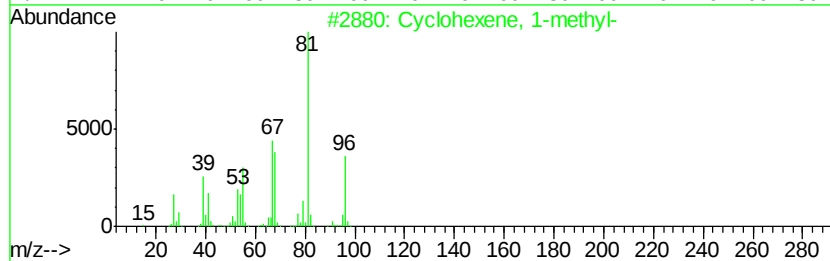
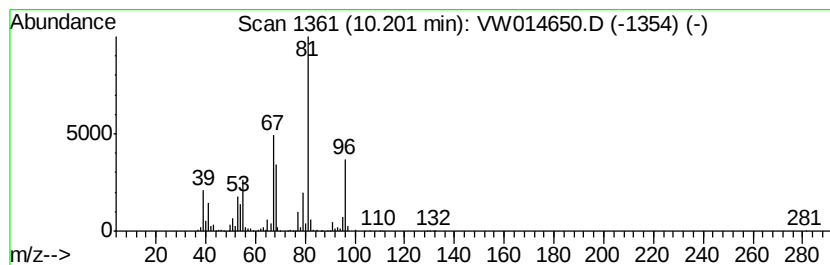
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 7 Cyclohexene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	12.81 ug/L	898821	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
3		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	91
4		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
5		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

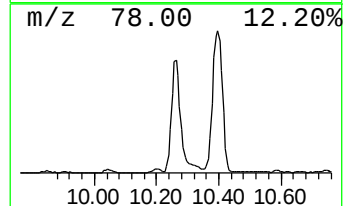
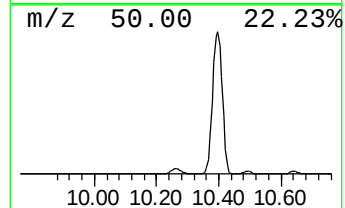
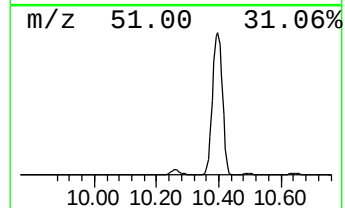
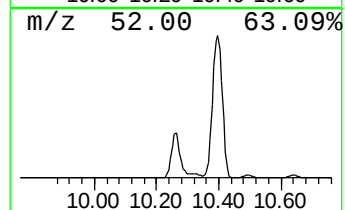
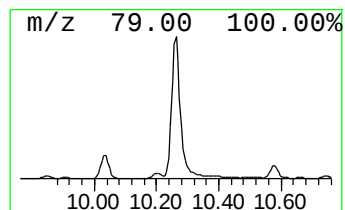
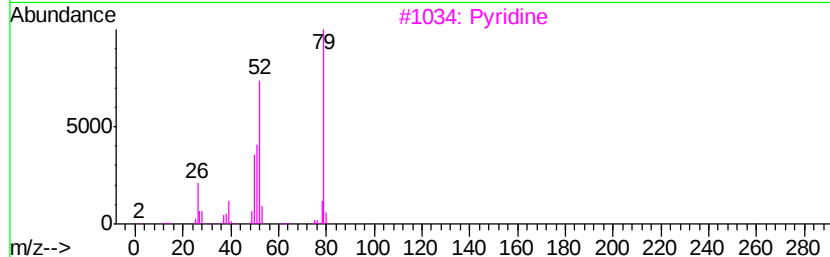
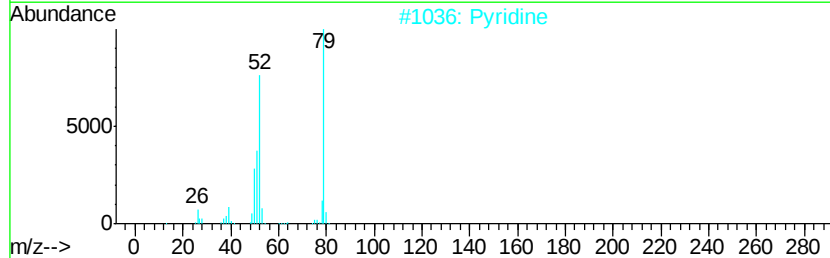
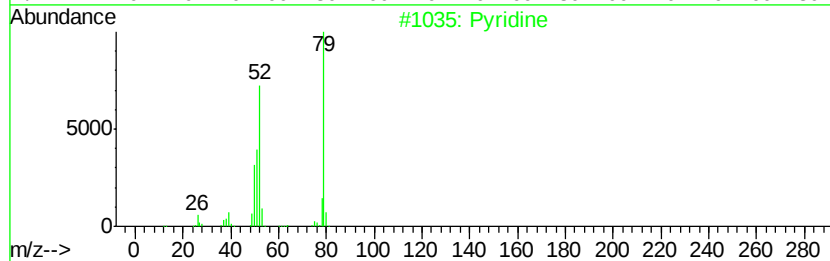
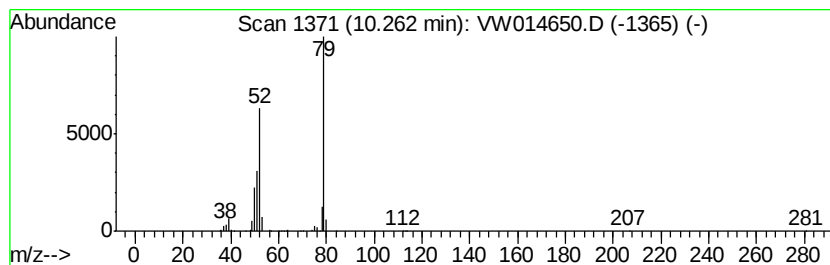
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 8 Pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	31.91 ug/L	2939300	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine	79	C5H5N	000110-86-1	97
2		Pyridine	79	C5H5N	000110-86-1	97
3		Pyridine	79	C5H5N	000110-86-1	91
4		Pyridine	79	C5H5N	000110-86-1	91
5		Cyclobutane, 1,2-bis(methylene)-	80	C6H8	014296-80-1	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

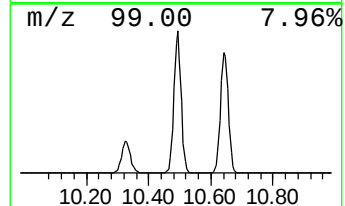
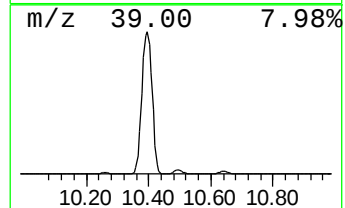
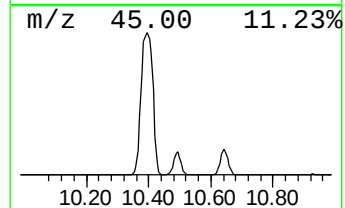
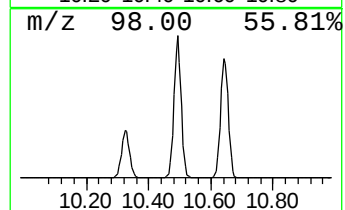
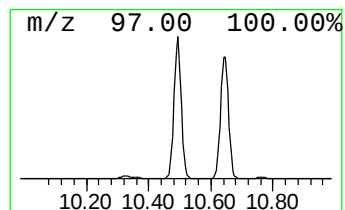
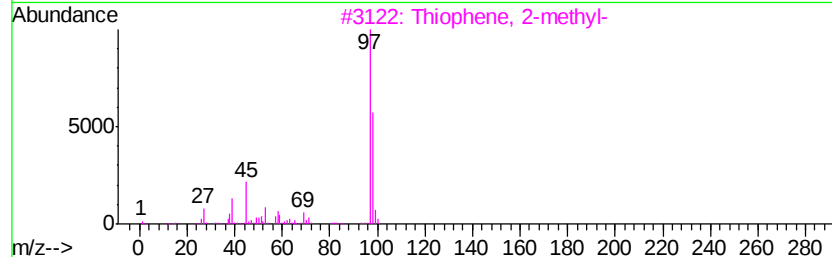
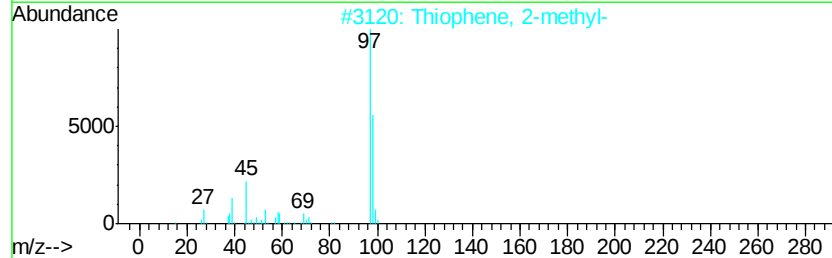
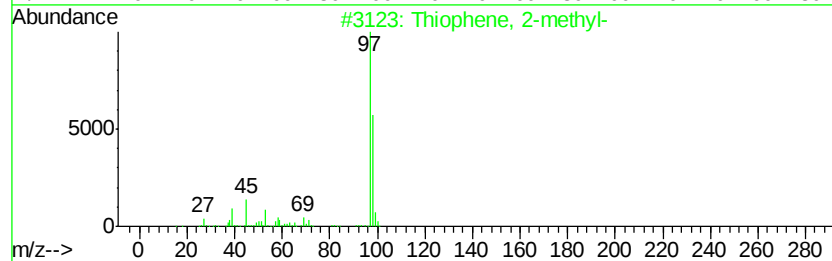
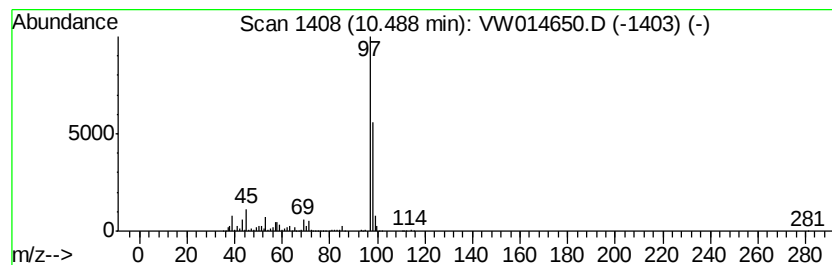
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 9 Thiophene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	128.53 ug/L	11839200	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	94
2		Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
3		Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
4		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	90
5		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

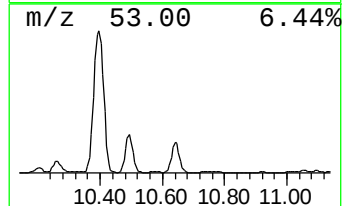
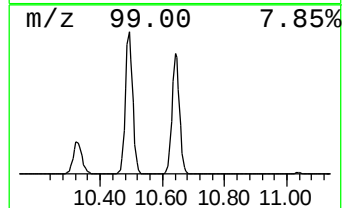
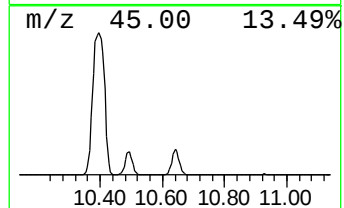
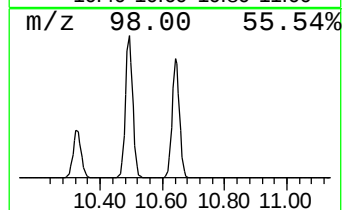
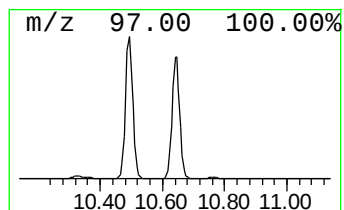
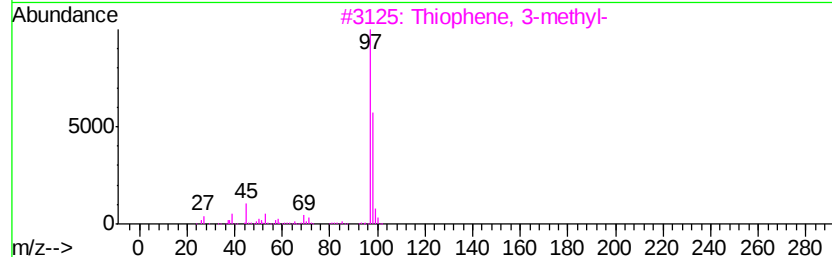
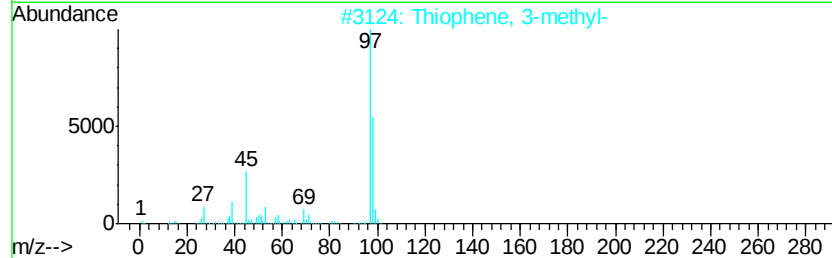
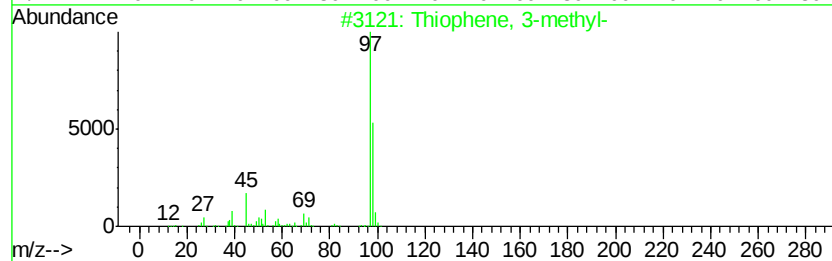
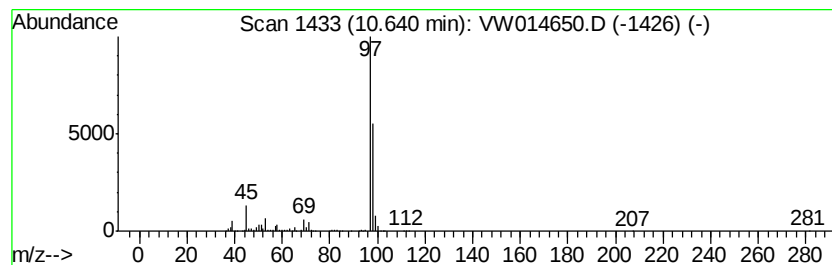
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 10 Thiophene, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	90.18 ug/L	8306940	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	95
2		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3		Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
4		Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
5		Thiophene, 2-methyl-	98	C5H6S	000554-14-3	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

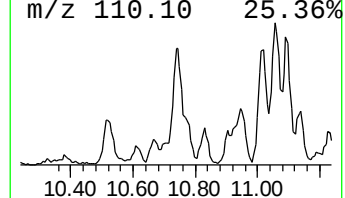
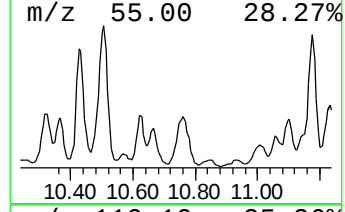
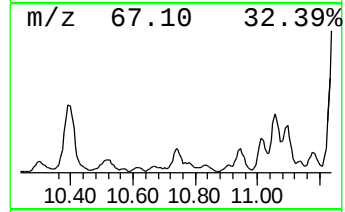
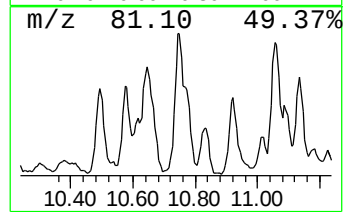
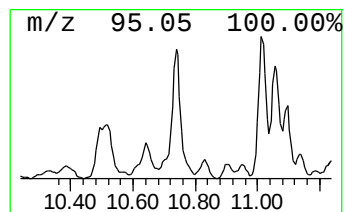
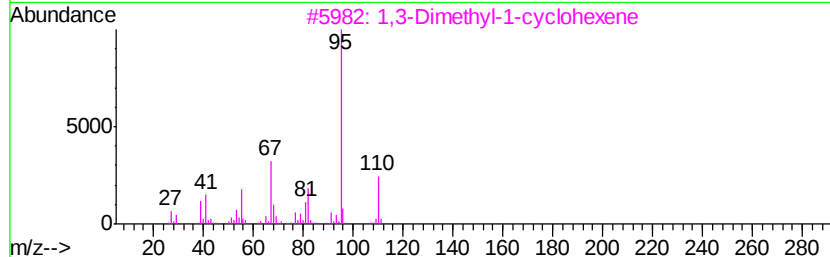
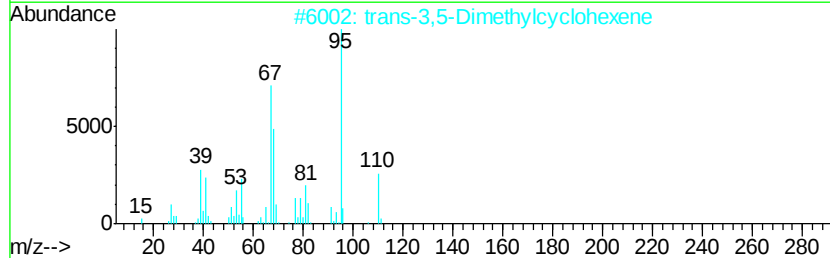
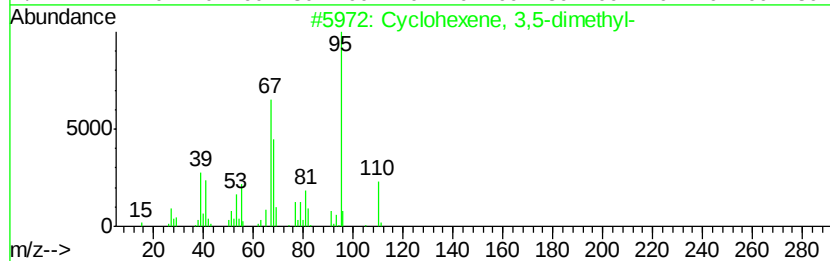
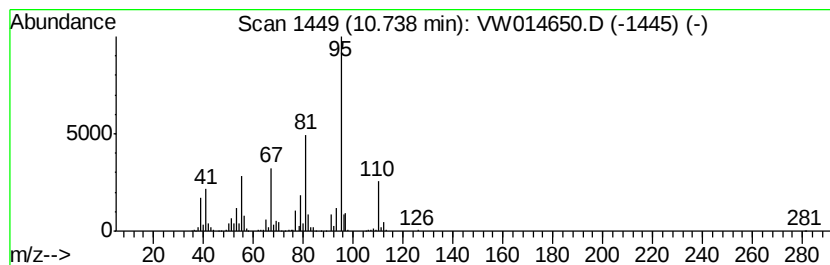
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 11 Cyclohexene, 3,5-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	7.11 ug/L	655045	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	64
2		trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	64
3		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64
4		1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	62
5		4-Methyl-1,3-heptadiene	110	C8H14	017603-57-5	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

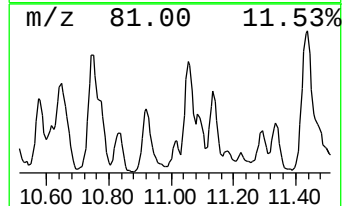
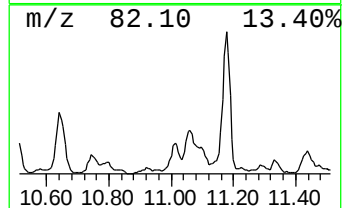
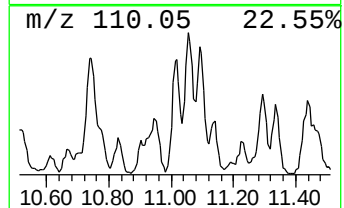
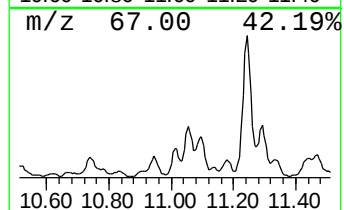
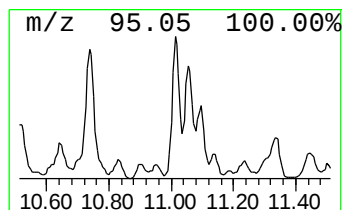
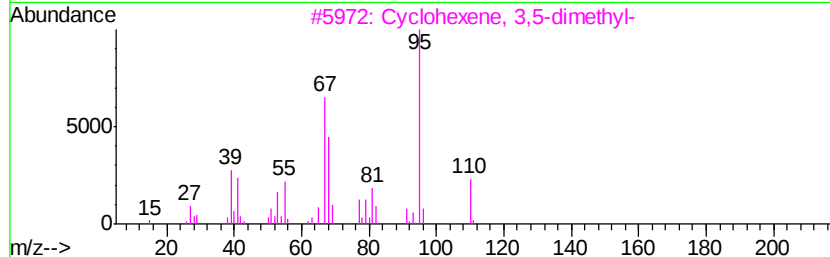
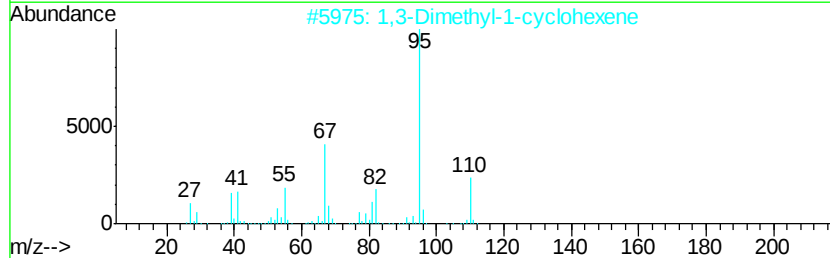
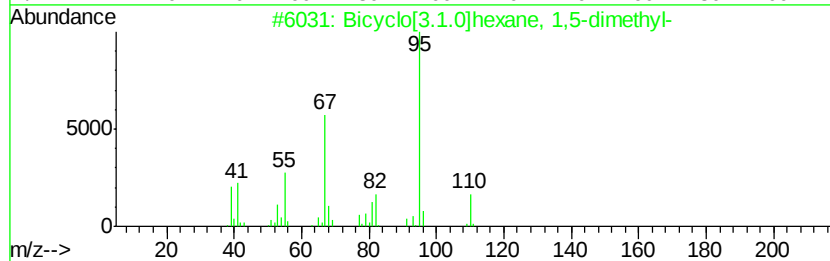
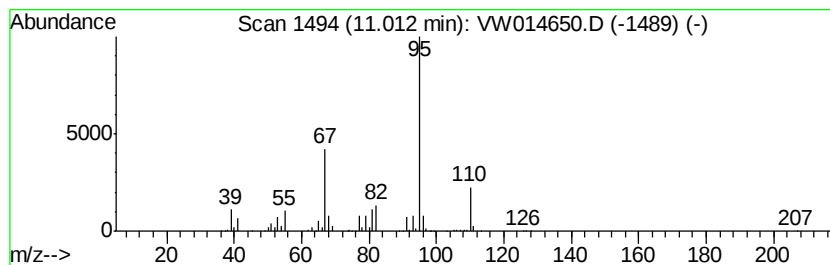
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 12 Bicyclo[3.1.0]hexane, 1,5-d... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	2.73 ug/L	251868	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	91
2		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
3		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	91
4		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	87
5		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

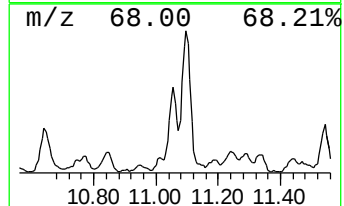
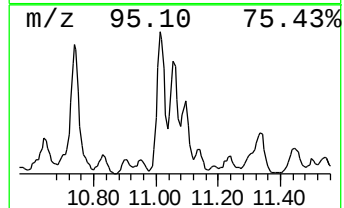
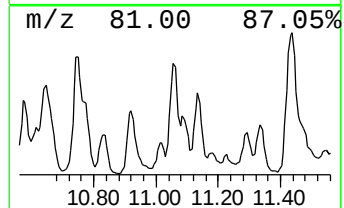
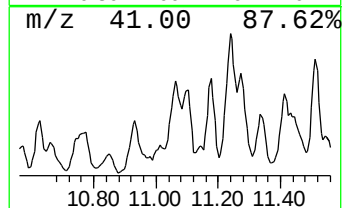
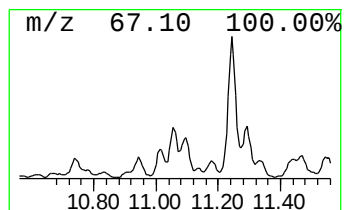
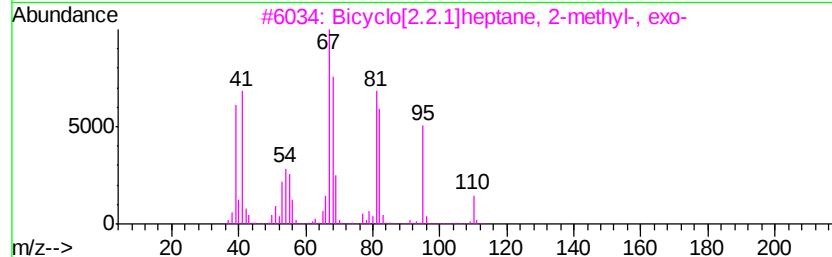
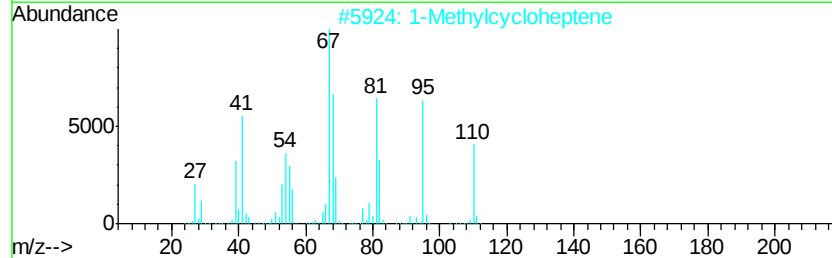
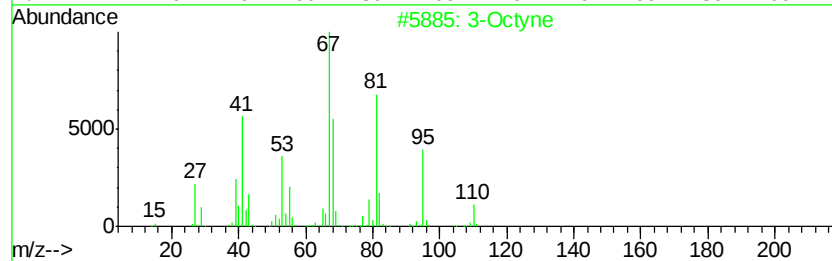
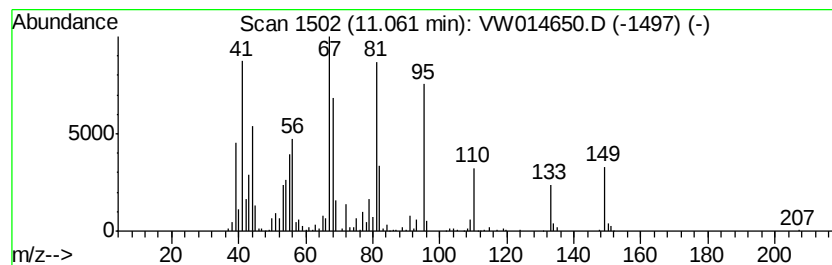
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 13 3-Octyne Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	5.47 ug/L	504015	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octyne	110	C8H14	015232-76-5	86
2		1-Methylcycloheptene	110	C8H14	055308-20-8	68
3		Bicyclo[2.2.1]heptane, 2-methyl-...	110	C8H14	000872-78-6	62
4		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	60
5		3-Octyne	110	C8H14	015232-76-5	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

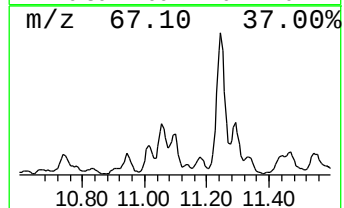
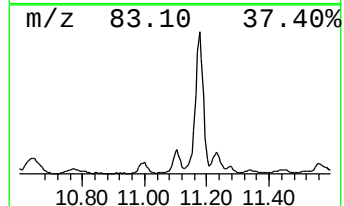
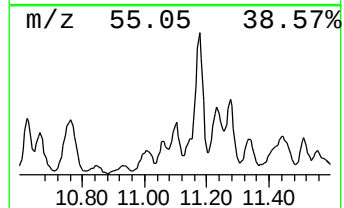
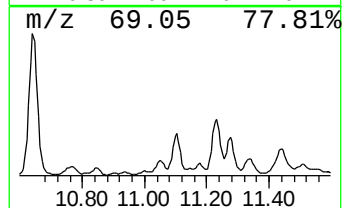
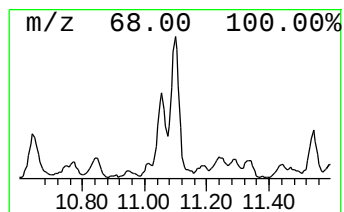
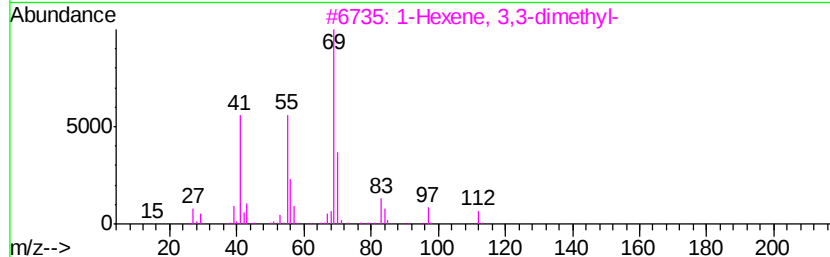
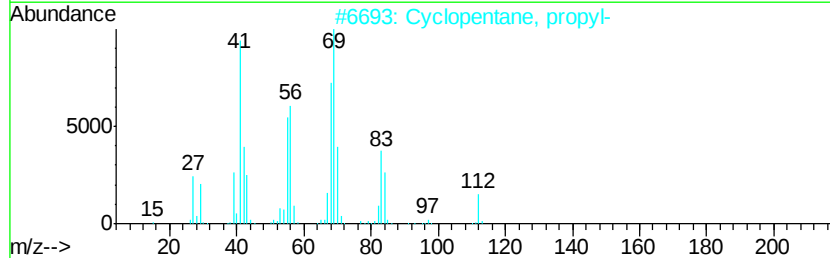
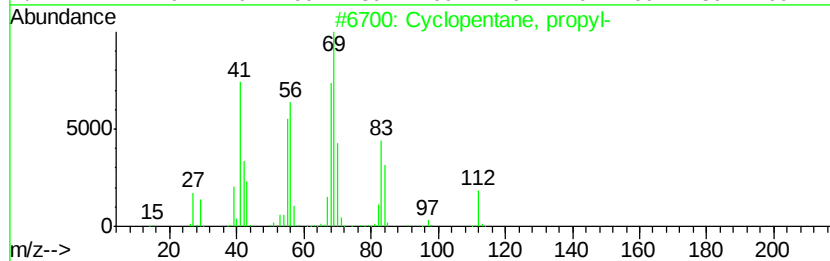
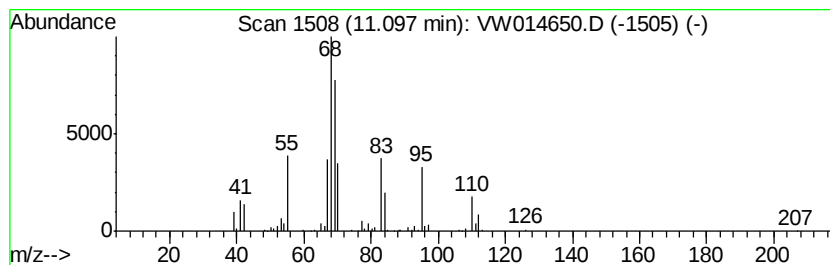
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Cyclic11.10 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.76 ug/L	438171	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, propyl-	112	C8H16	002040-96-2	38
2		Cyclopentane, propyl-	112	C8H16	002040-96-2	36
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35
4		Cyclopentane, (1-methylethyl)-	112	C8H16	003875-51-2	33
5		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	25



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

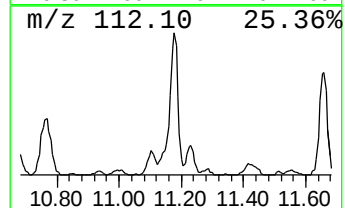
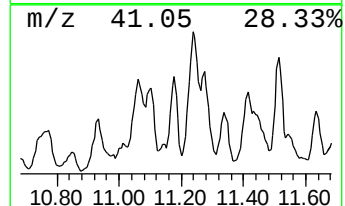
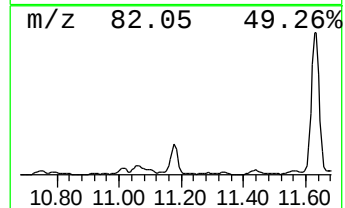
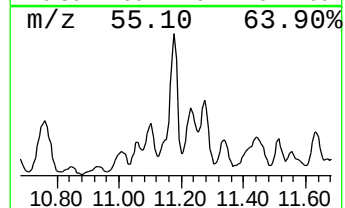
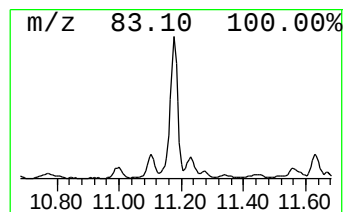
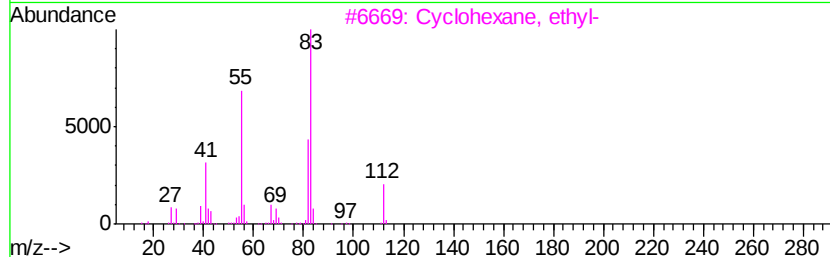
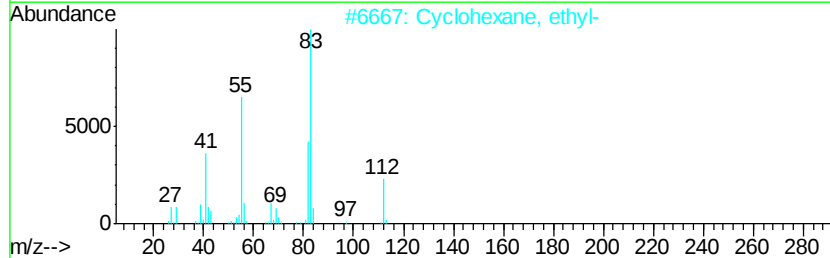
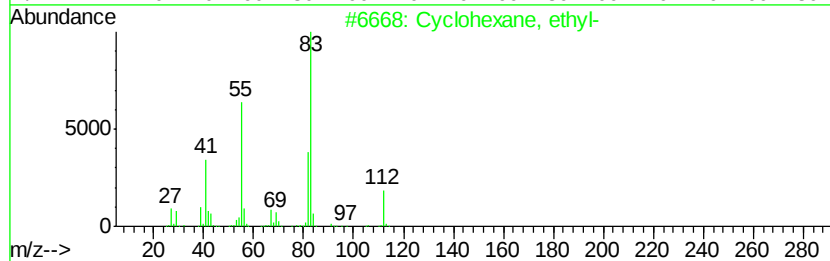
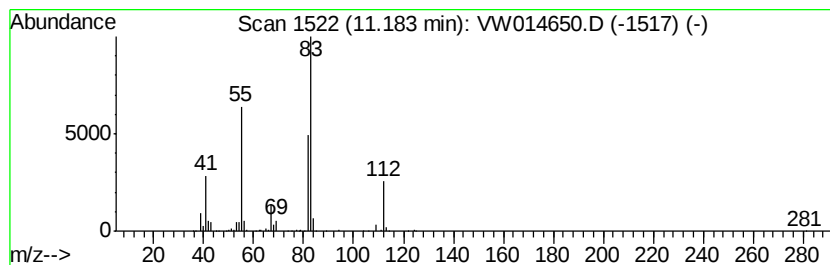
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic11.18 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	4.69 ug/L	431710	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

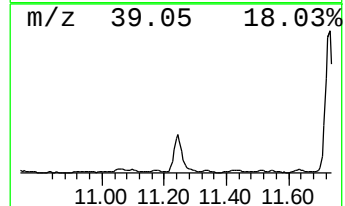
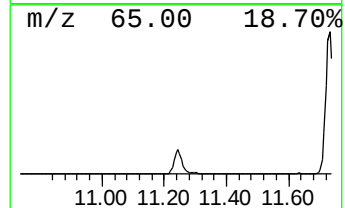
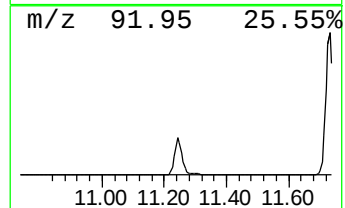
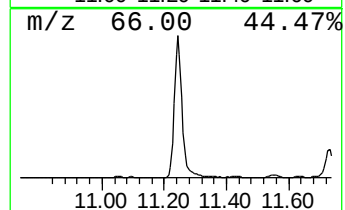
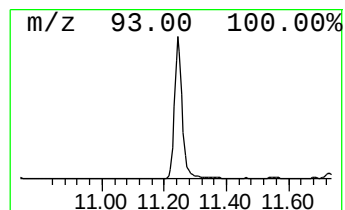
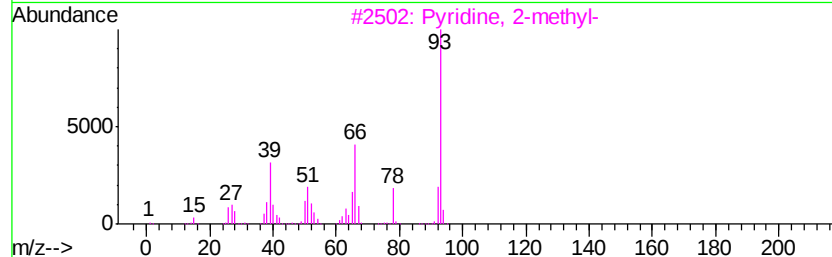
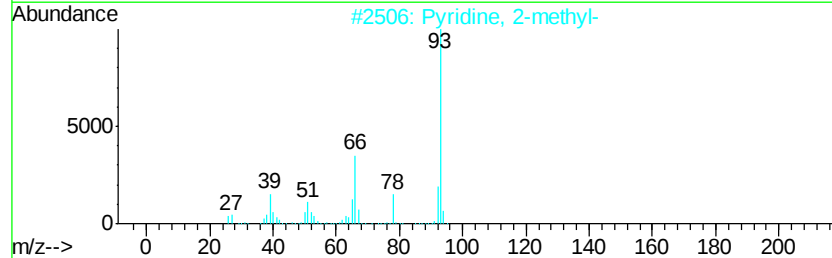
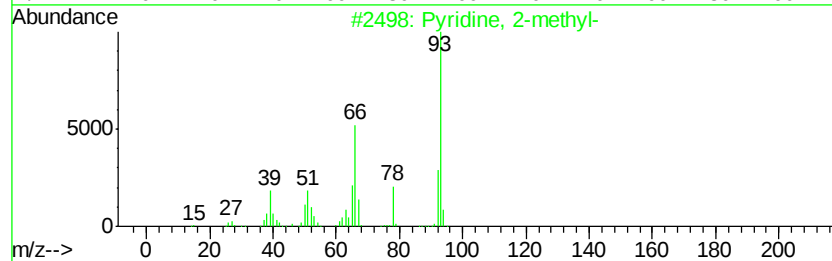
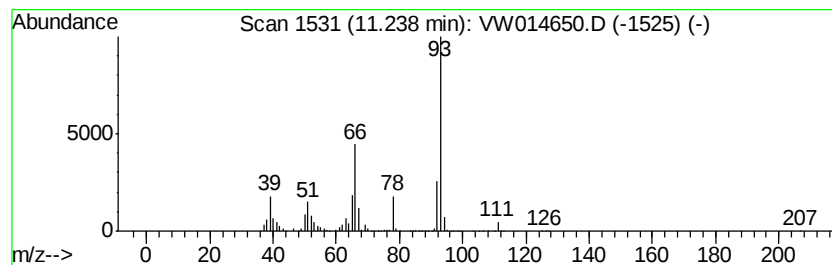
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 16 Pyridine, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	76.11 ug/L	7011080	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyridine, 2-methyl-	93	C6H7N	000109-06-8	97
2		Pyridine, 2-methyl-	93	C6H7N	000109-06-8	96
3		Pyridine, 2-methyl-	93	C6H7N	000109-06-8	95
4		Pyridine, 4-methyl-	93	C6H7N	000108-89-4	94
5		Pyridine, 2-methyl-	93	C6H7N	000109-06-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

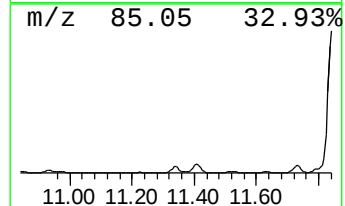
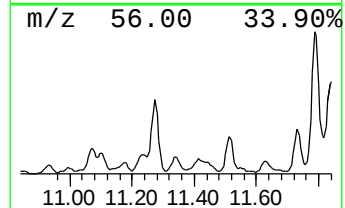
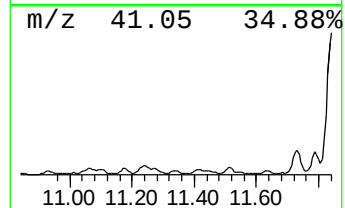
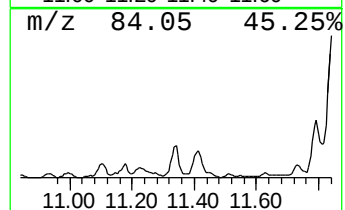
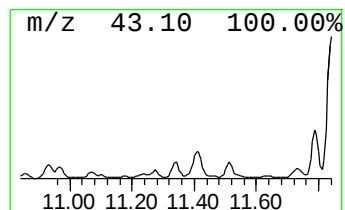
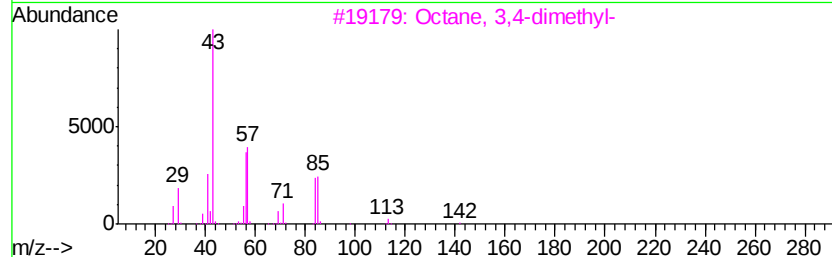
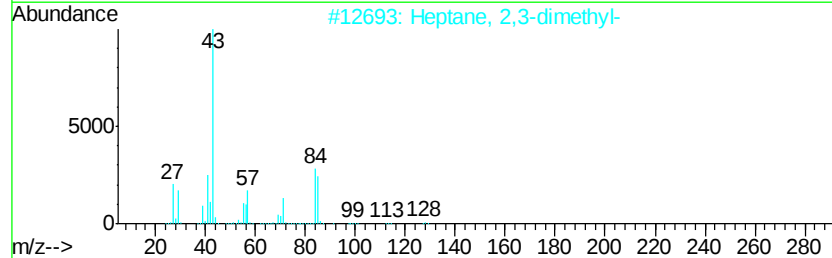
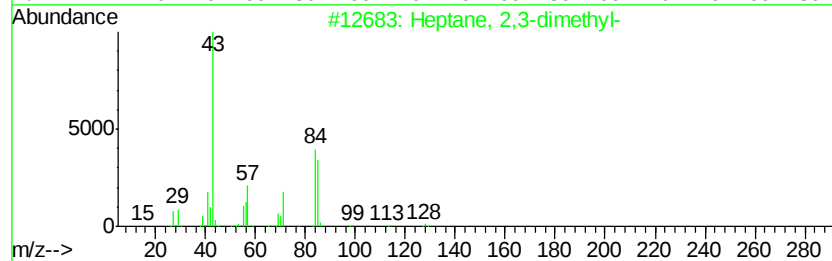
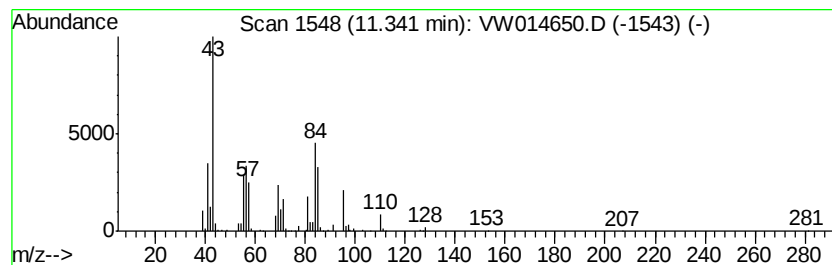
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	4.96 ug/L	456829	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	52
2			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
3			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
4			Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

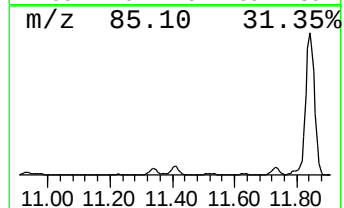
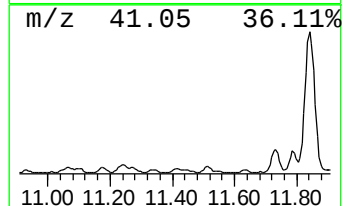
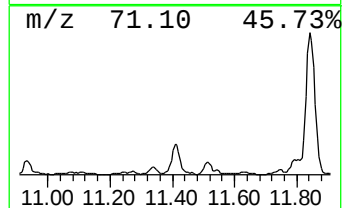
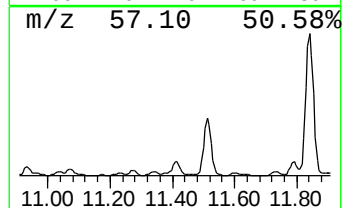
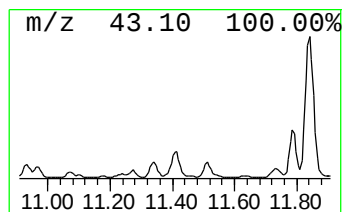
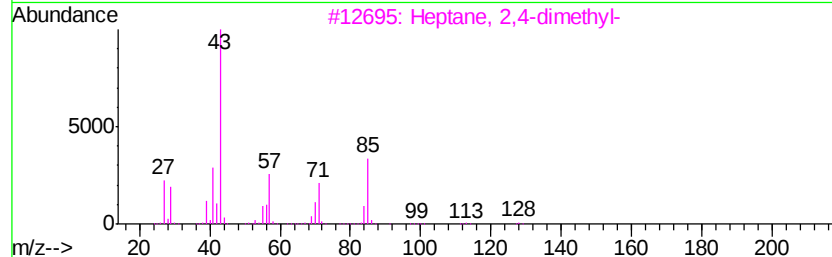
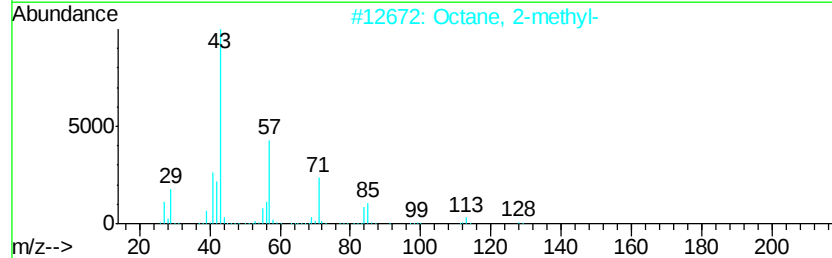
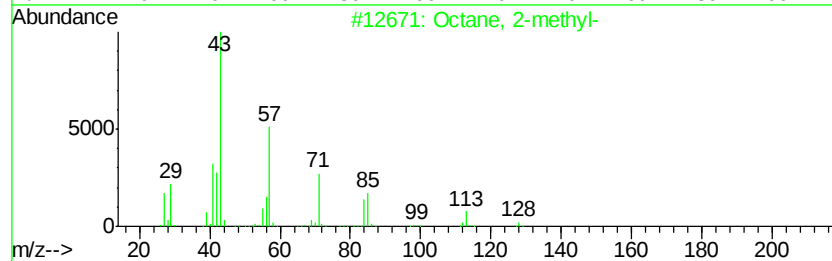
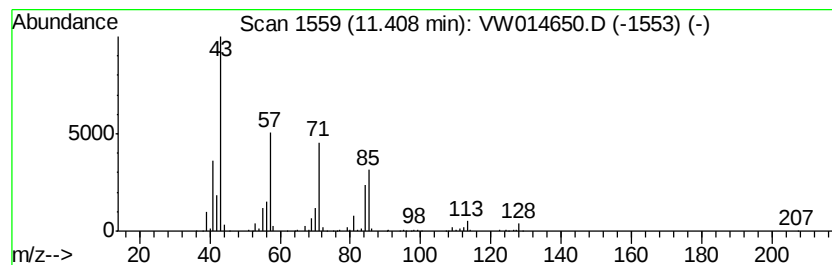
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	6.46 ug/L	595465	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	74
2			Octane, 2-methyl-	128	C9H20	003221-61-2	72
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4			Octane, 2-methyl-	128	C9H20	003221-61-2	53
5			Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

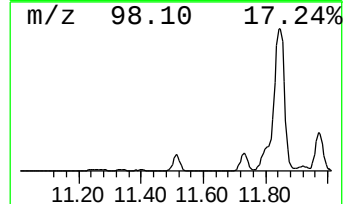
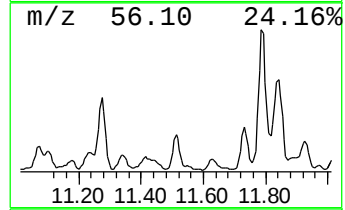
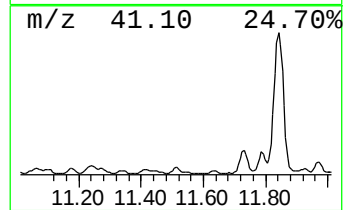
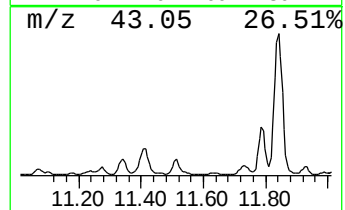
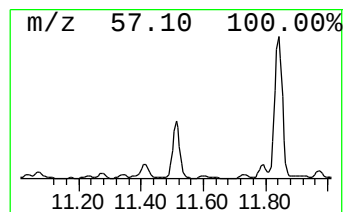
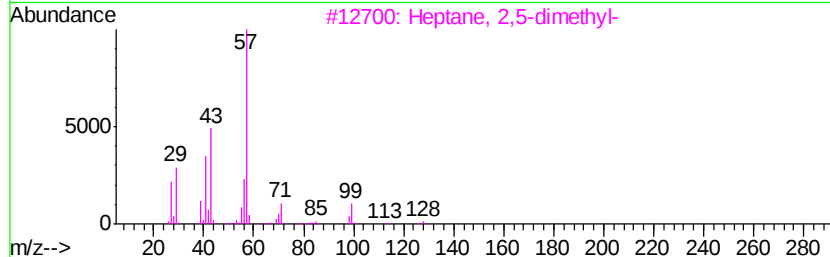
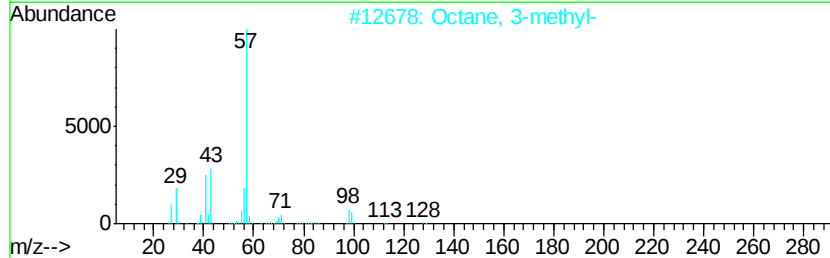
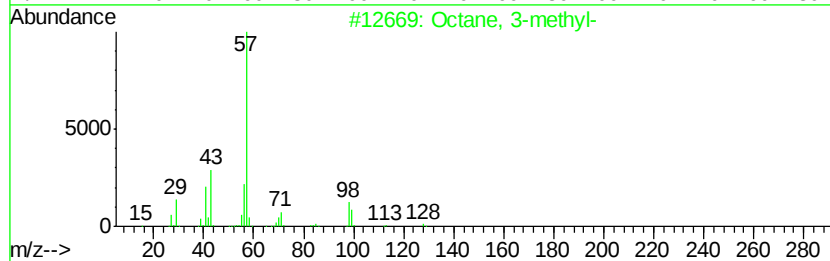
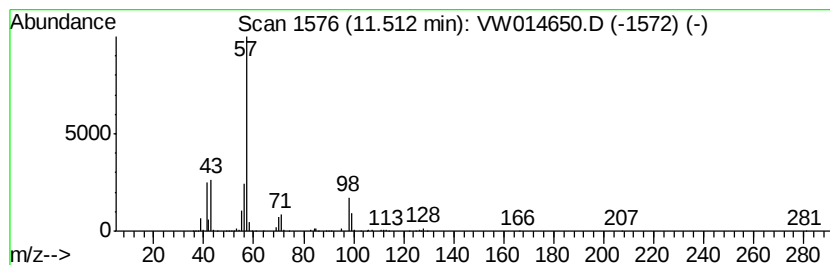
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	5.30 ug/L	487794	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	90
2			Octane, 3-methyl-	128	C9H20	002216-33-3	68
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

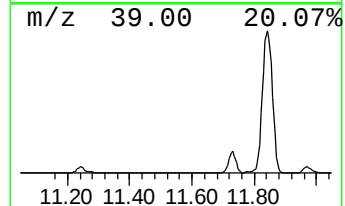
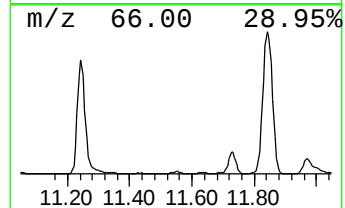
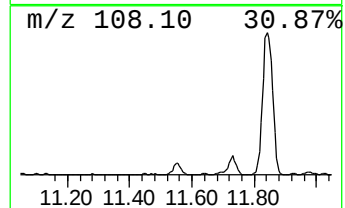
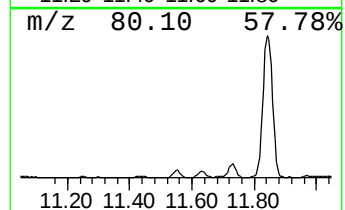
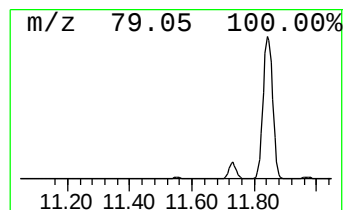
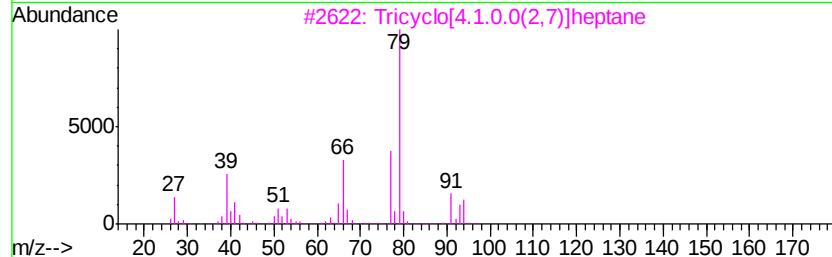
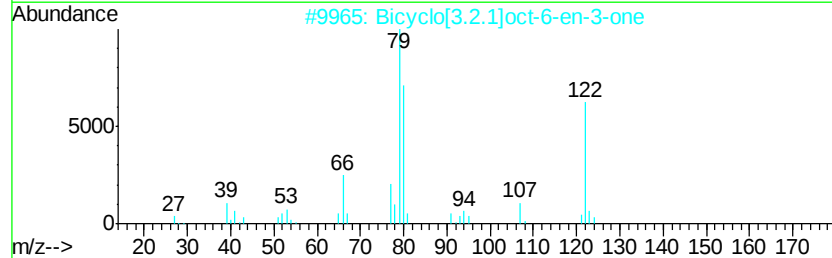
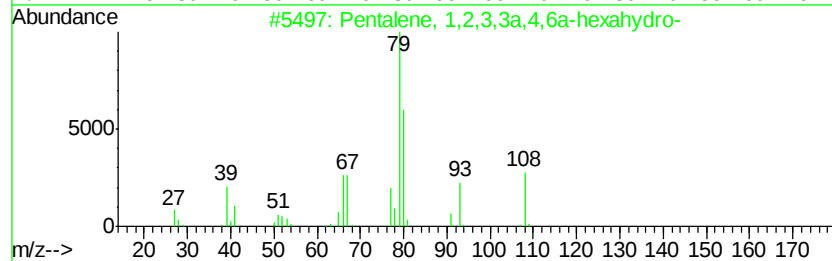
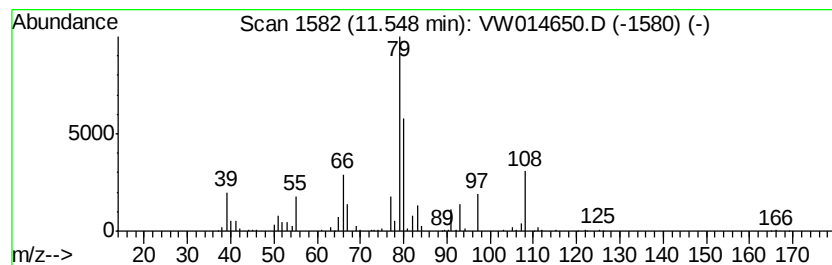
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 20 Pentalene, 1,2,3,3a,4,6a-he... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.93 ug/L	269844	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentalene, 1,2,3,3a,4,6a-hexahydro-	108	C8H12	005549-09-7	83
2		Bicyclo[3.2.1]oct-6-en-3-one	122	C8H10O	003721-60-6	59
3		Tricyclo[4.1.0.0(2,7)]heptane	94	C7H10	000287-13-8	47
4		1,3-Cyclooctadiene, (Z,Z)-	108	C8H12	003806-59-5	46
5		9,10-Diazatricyclo[4.4.0.0(2,8)]...	136	C8H12N2	1000142-35-1	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

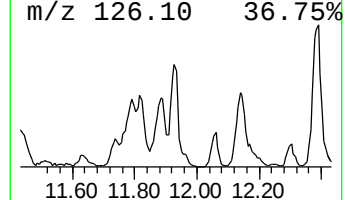
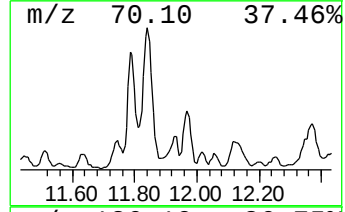
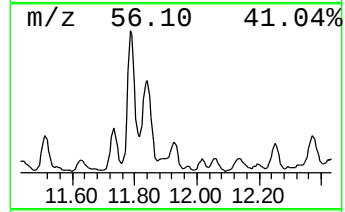
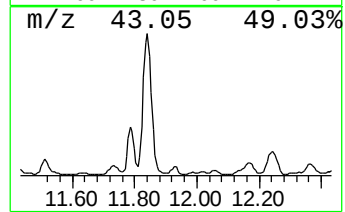
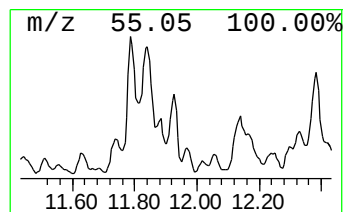
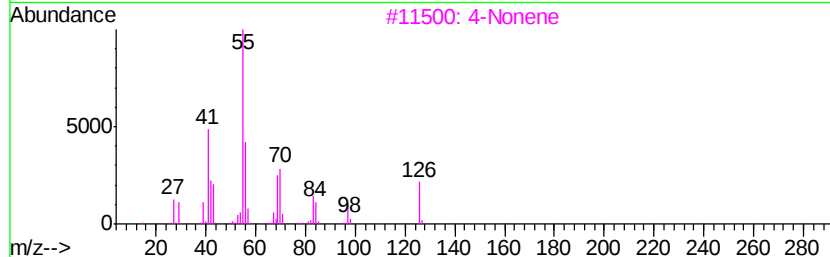
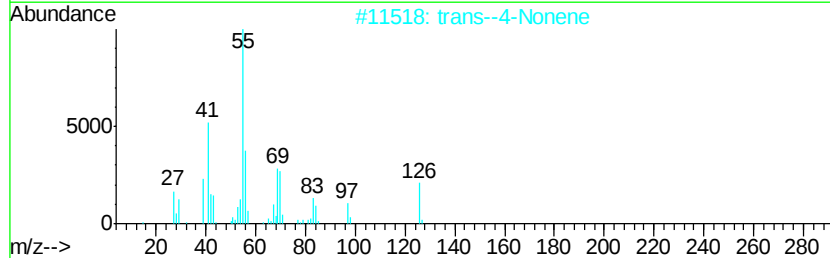
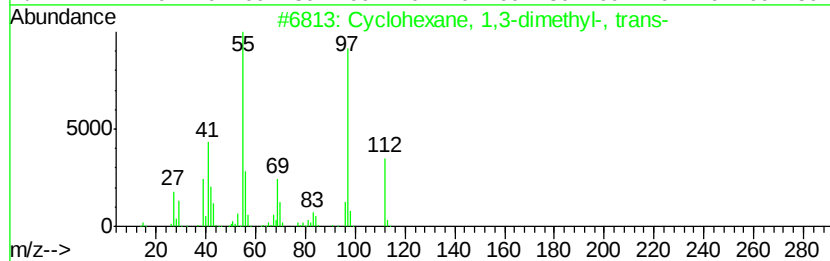
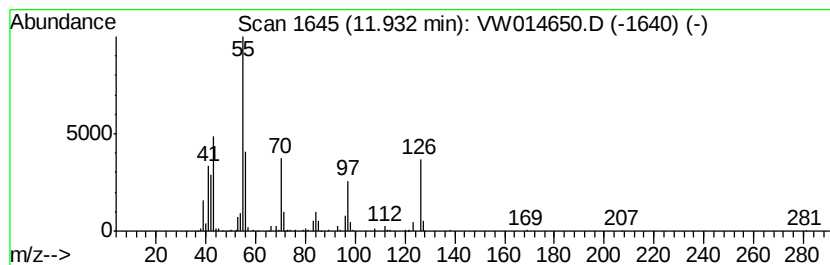
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Cyclic11.93 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.62 ug/L	333832	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59
2		trans--4-Nonene	126	C9H18	010405-85-3	50
3		4-Nonene	126	C9H18	002198-23-4	43
4		3-Nonene	126	C9H18	020063-77-8	43
5		4-Nonene	126	C9H18	002198-23-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

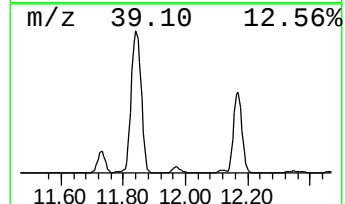
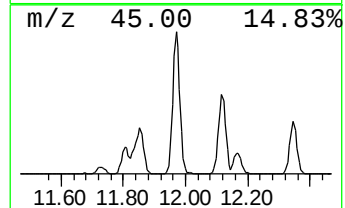
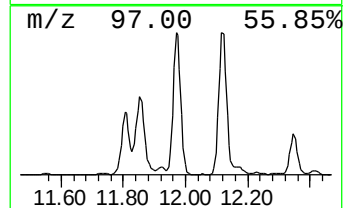
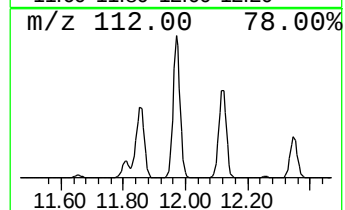
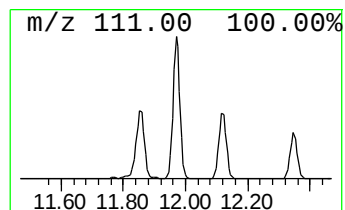
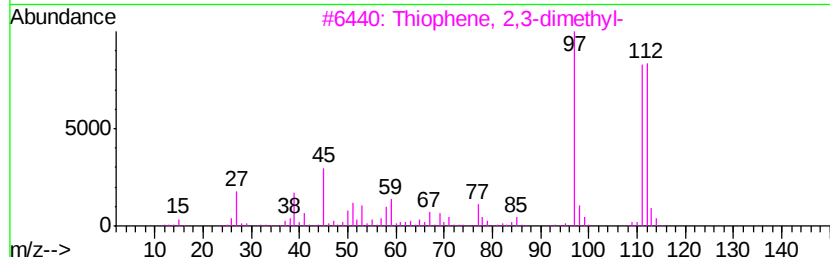
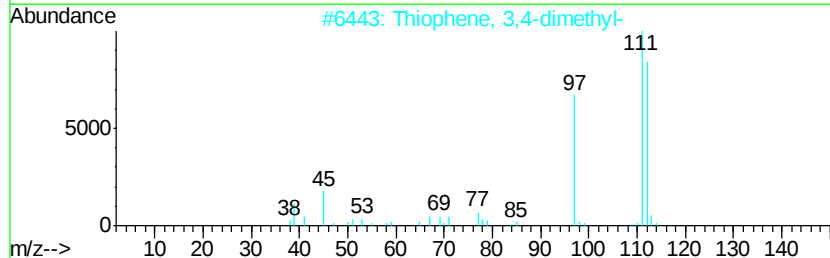
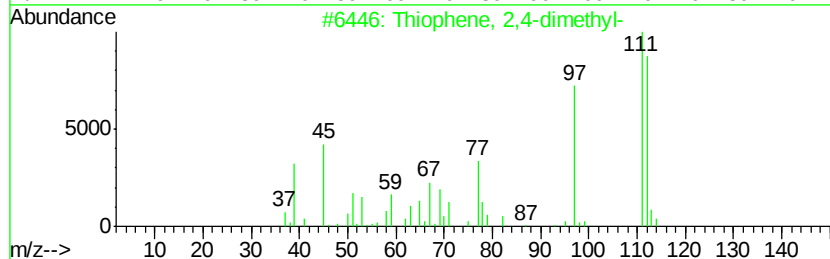
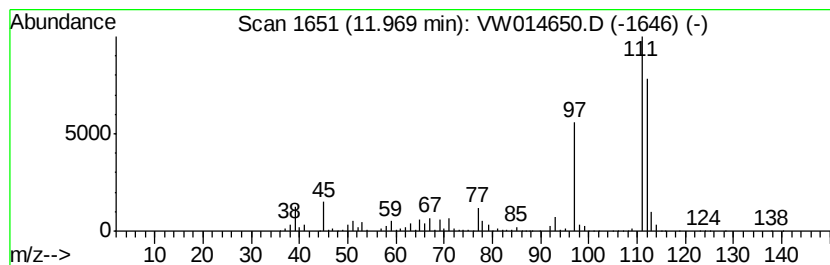
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 22 Thiophene, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	108.39 ug/L	9984470	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	93
2		Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	90
3		Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	90
4		Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	90
5		Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

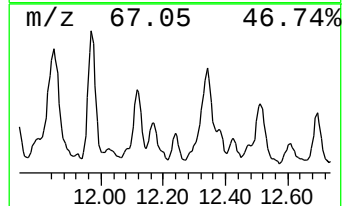
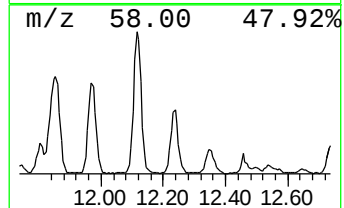
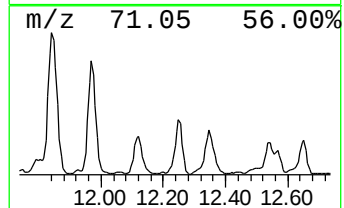
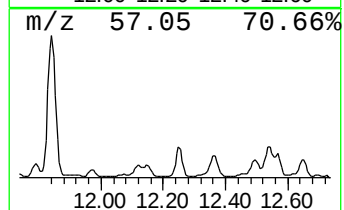
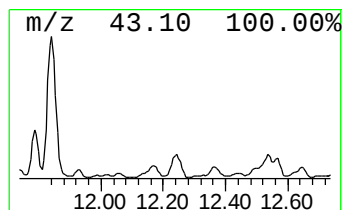
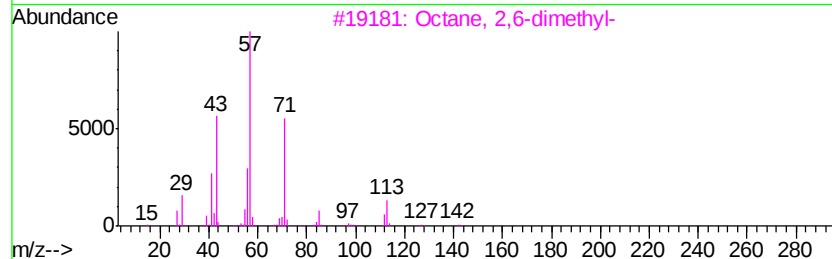
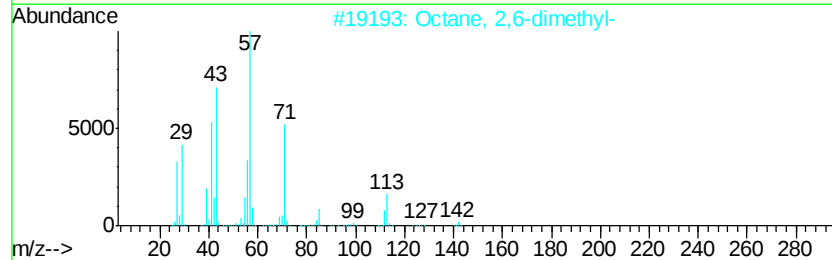
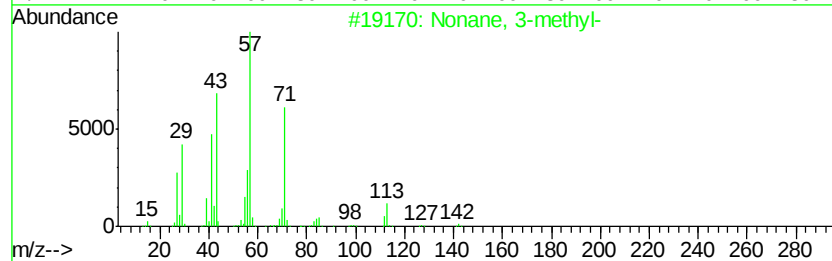
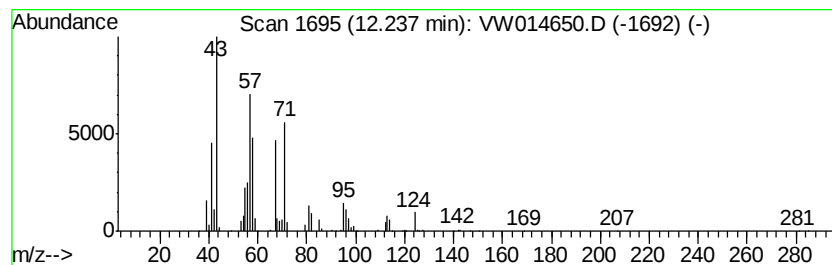
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	7.84 ug/L	722083	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	49
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

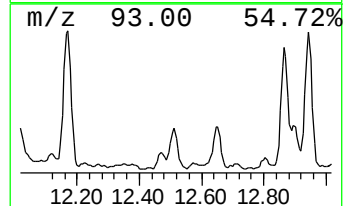
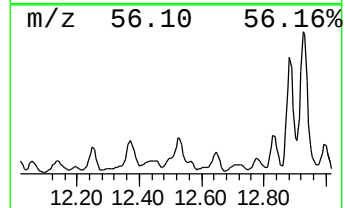
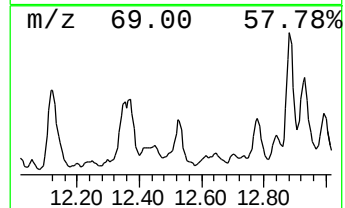
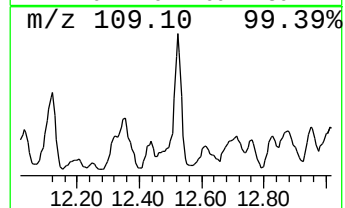
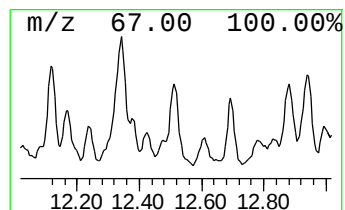
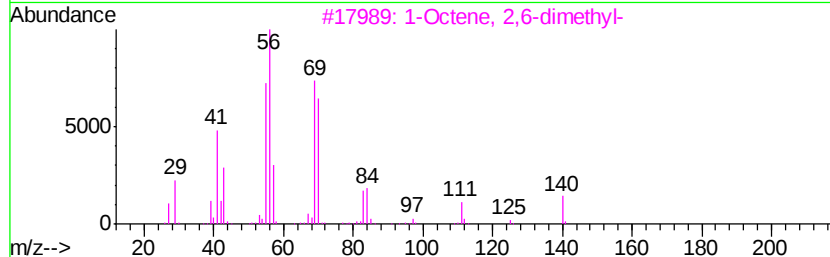
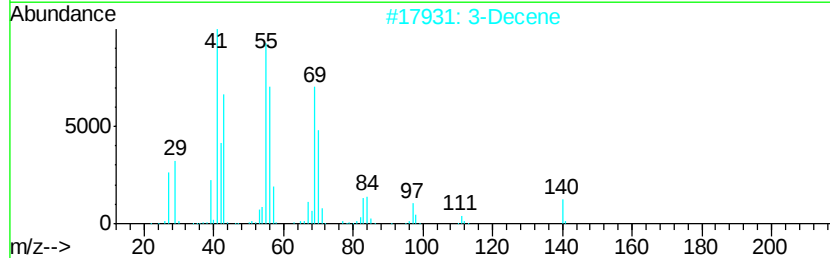
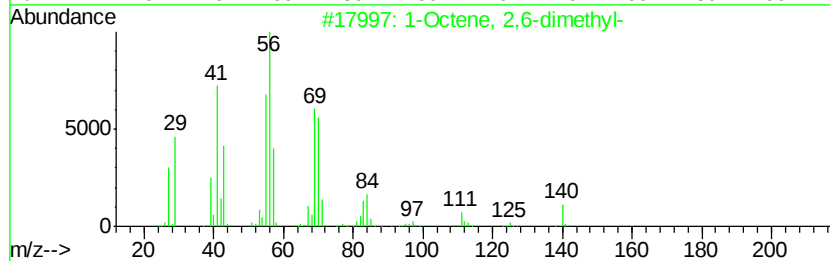
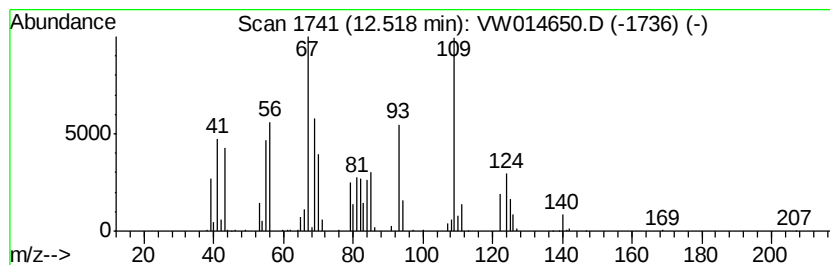
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Cyclic12.52 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	10.06 ug/L	927059	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	50
2		3-Decene	140	C10H20	019398-37-9	45
3		1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	43
4		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38
5		Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-10-2	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

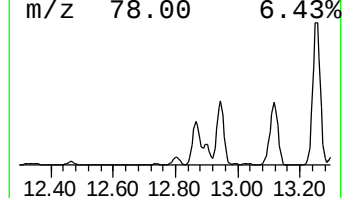
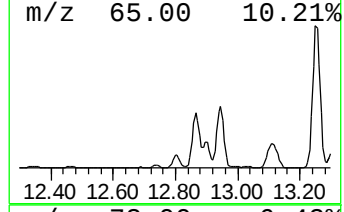
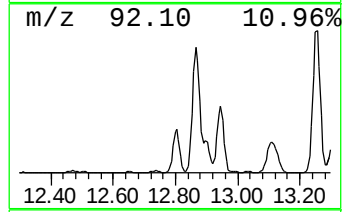
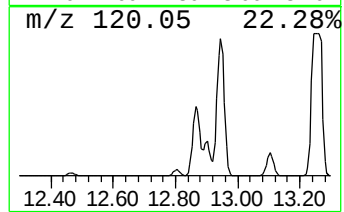
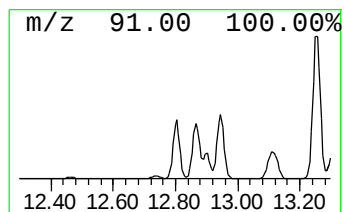
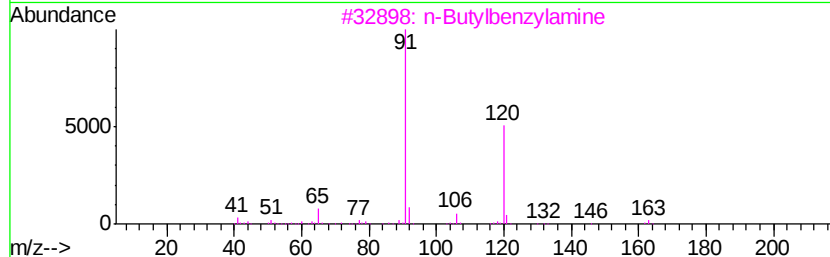
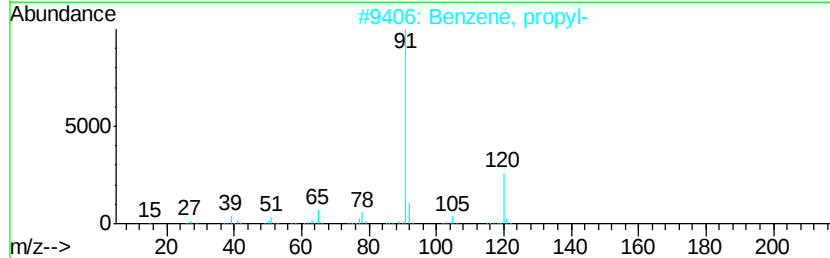
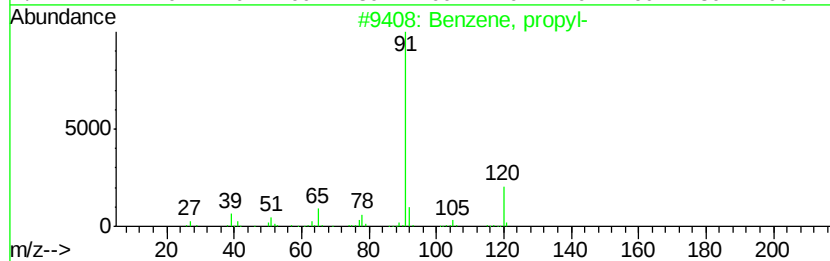
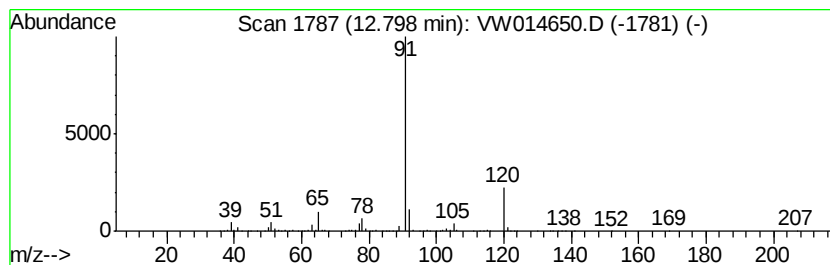
Instrument :
MSVOA_W
ClientSampleId :
GASH0

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

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

Peak Number 26 Benzene, propyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.07 ug/L	5032940	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 91
2		Benzene, propyl-	120 C9H12	000103-65-1 91
3		n-Butylbenzylamine	163 C11H17N	002403-22-7 72
4		Propanenitrile, 3-[(phenylmethyl)...]	160 C10H12N2	000706-03-6 72
5		Ethanol, 2-[(phenylmethyl)amino]-	151 C9H13NO	000104-63-2 56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GASH0

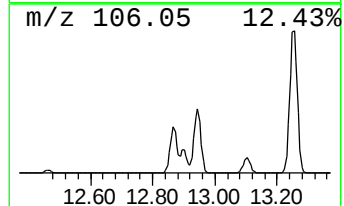
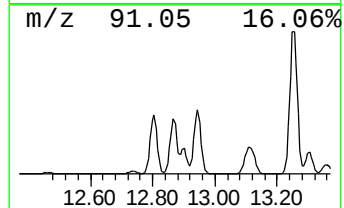
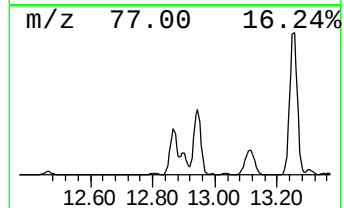
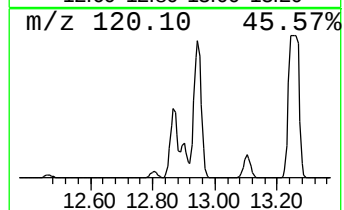
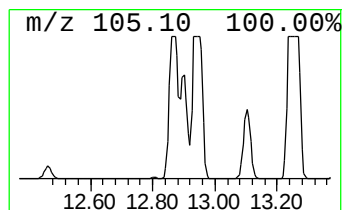
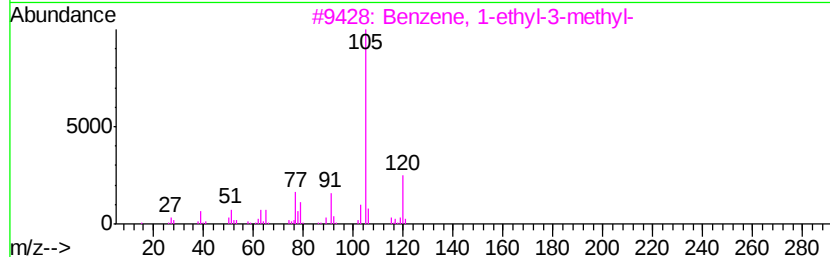
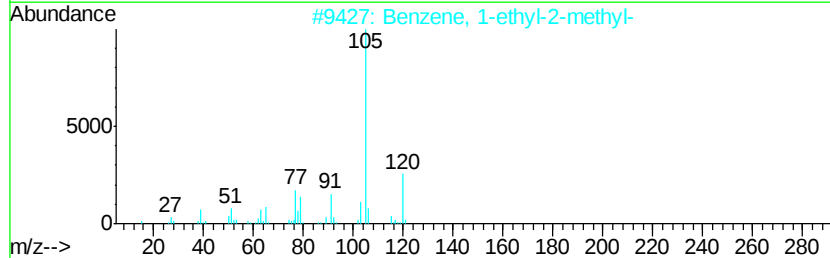
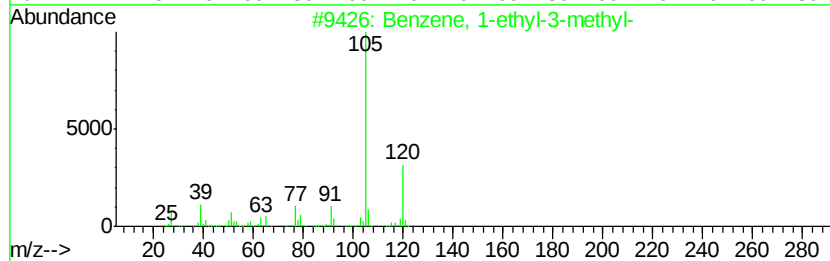
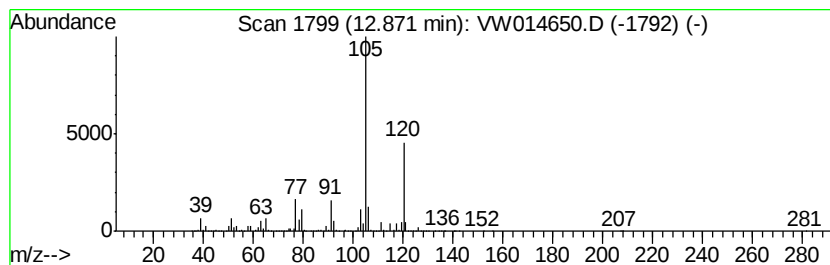
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	22.98 ug/L	55896700	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

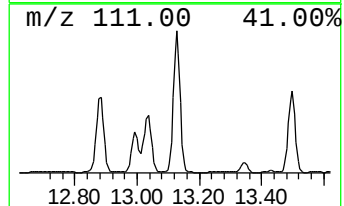
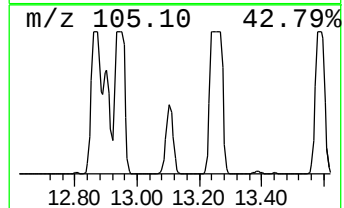
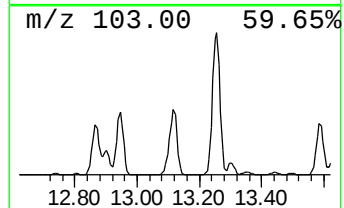
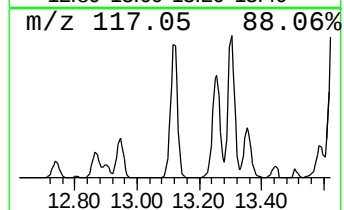
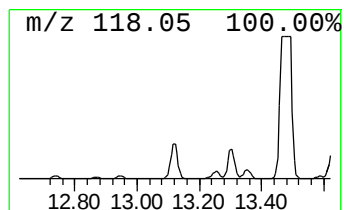
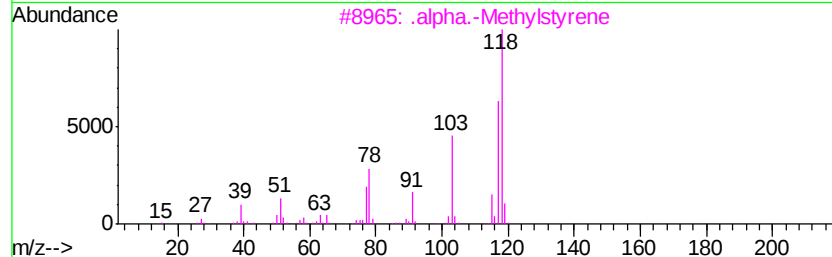
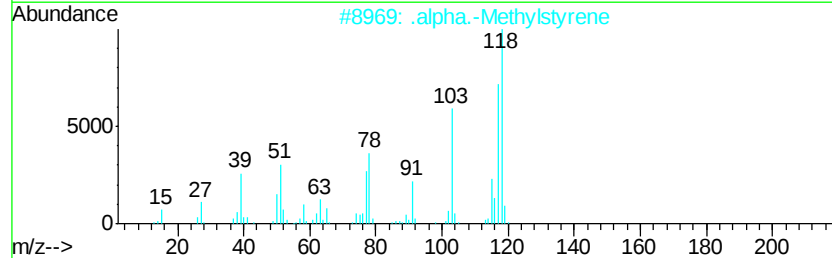
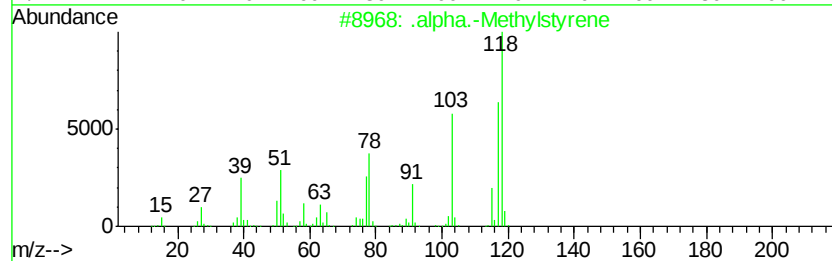
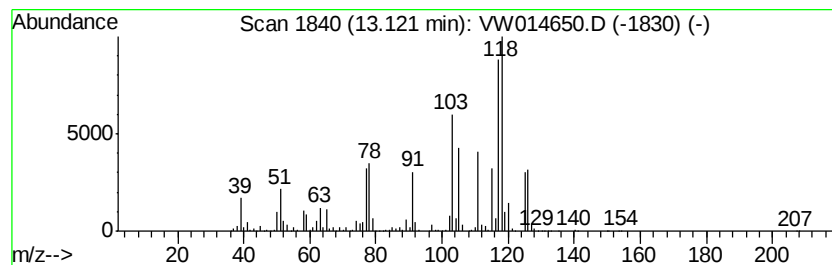
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 30 .alpha.-Methylstyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	16.24 ug/L	39492500	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
2		.alpha.-Methylstyrene	118	C9H10	000098-83-9	83
3		.alpha.-Methylstyrene	118	C9H10	000098-83-9	62
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	55
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

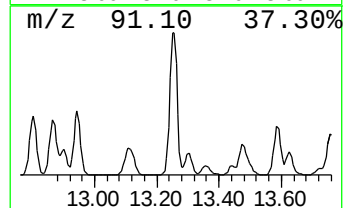
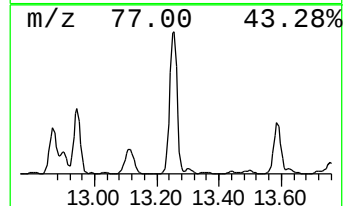
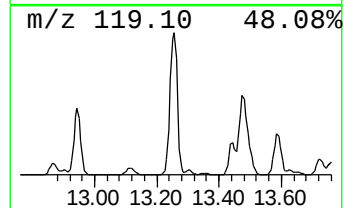
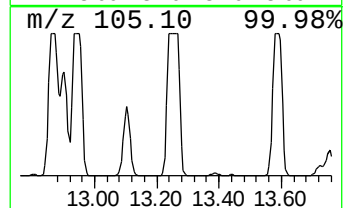
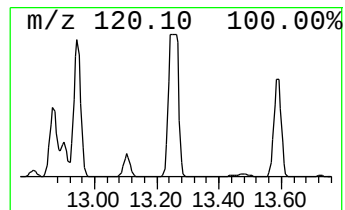
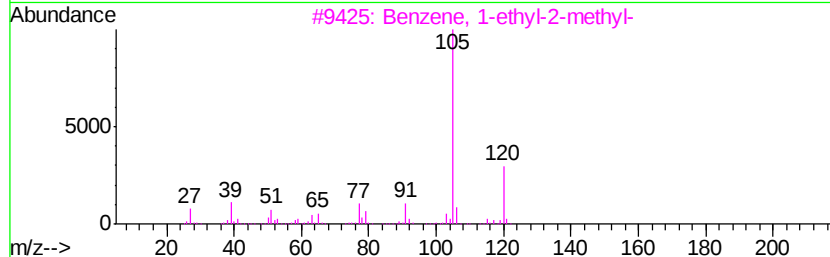
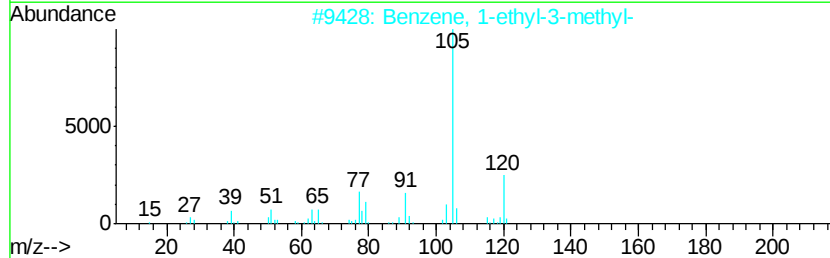
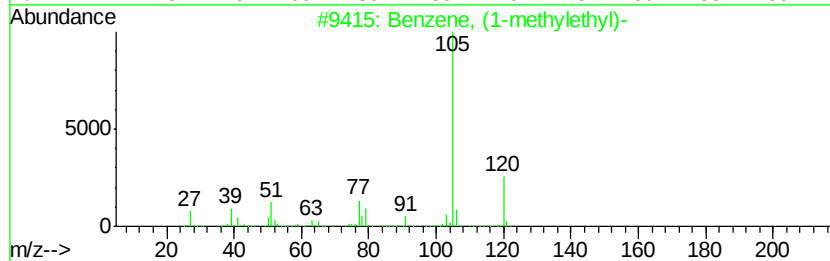
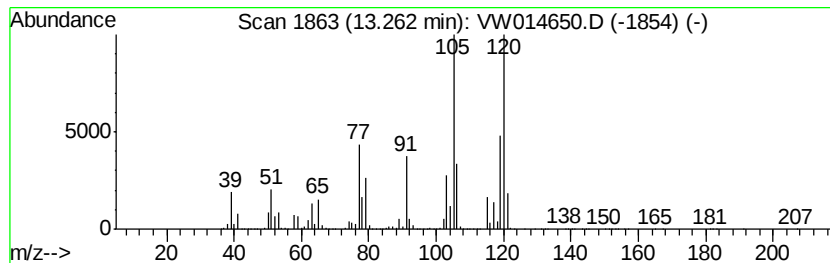
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 31 Benzene, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	61.10 ug/L	148604000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	58
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	53
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	52
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	43
5		N-(3-Phenylbutyl)-undecafluor-h...	445	C16H14F11NO	077970-70-8	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

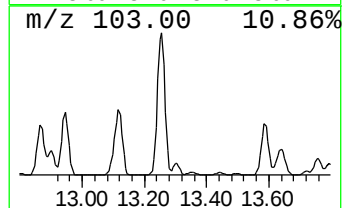
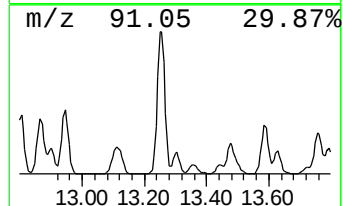
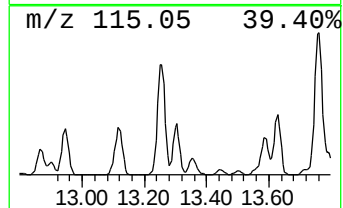
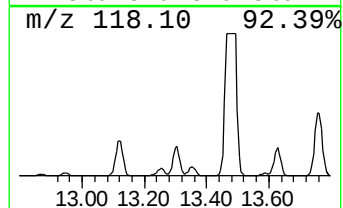
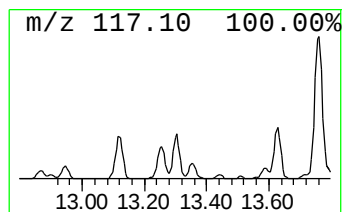
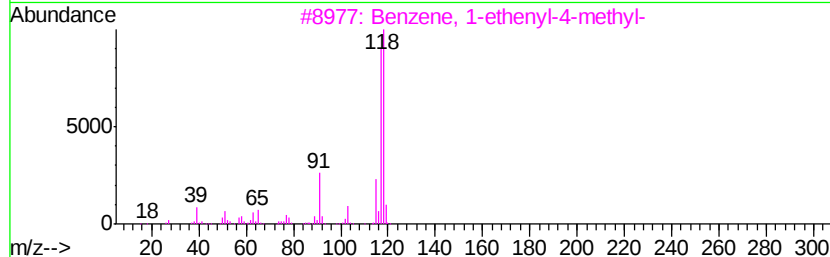
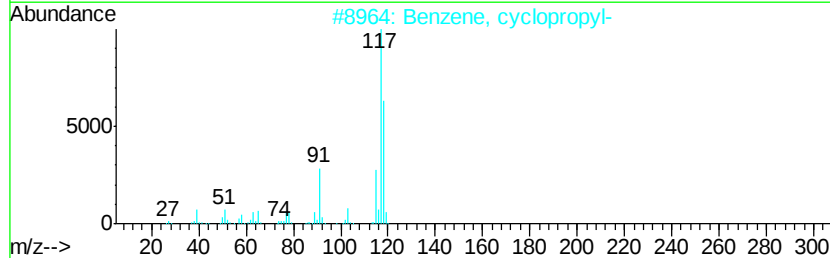
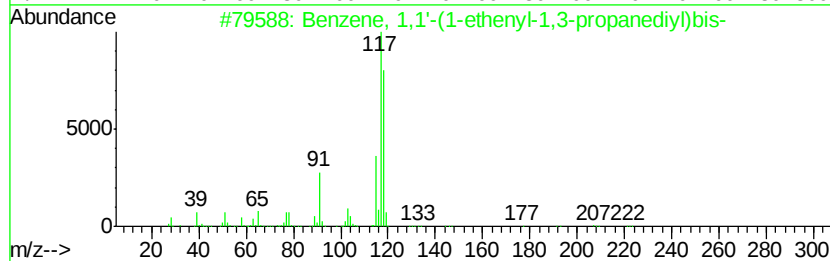
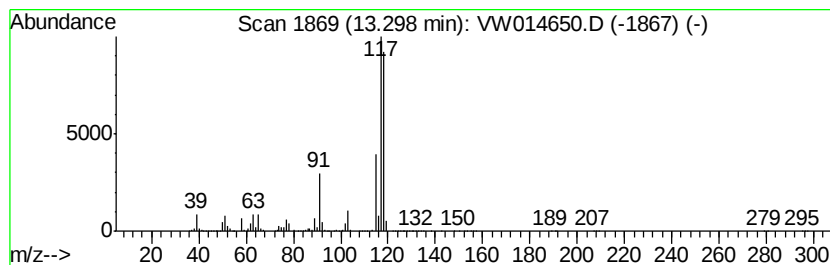
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 32 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	4.71 ug/L	11445900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	90
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	90
4		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	81
5		Indane	118	C9H10	000496-11-7	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

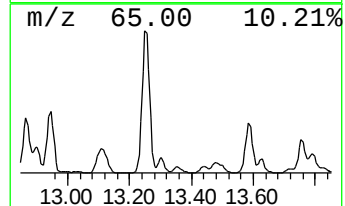
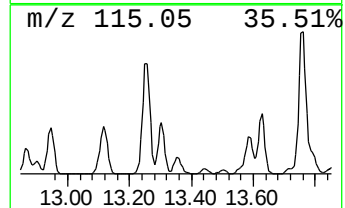
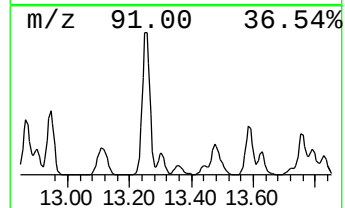
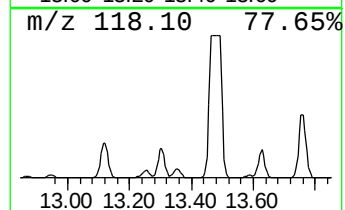
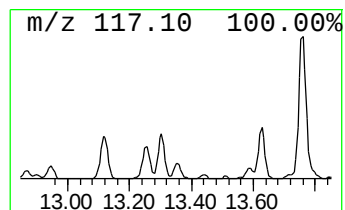
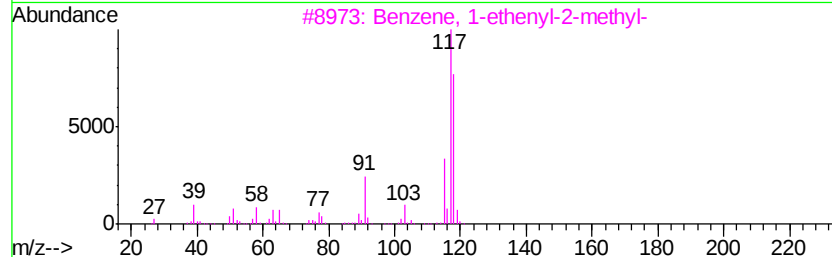
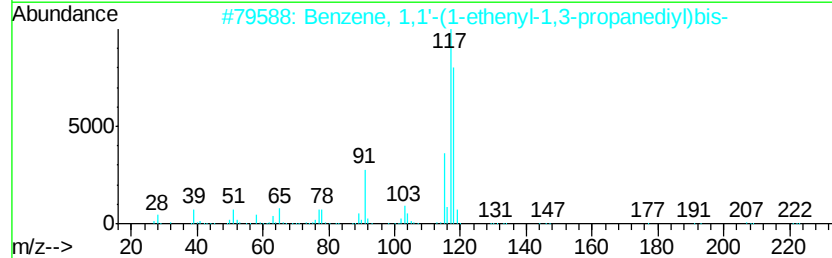
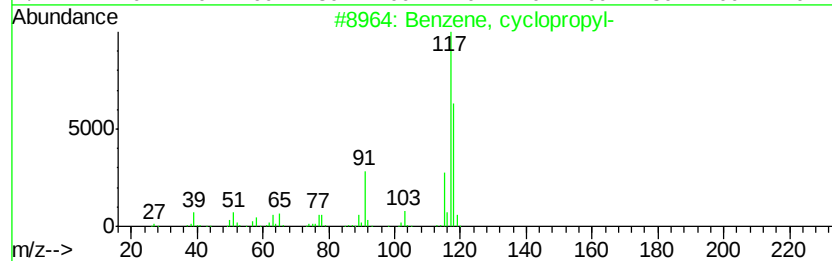
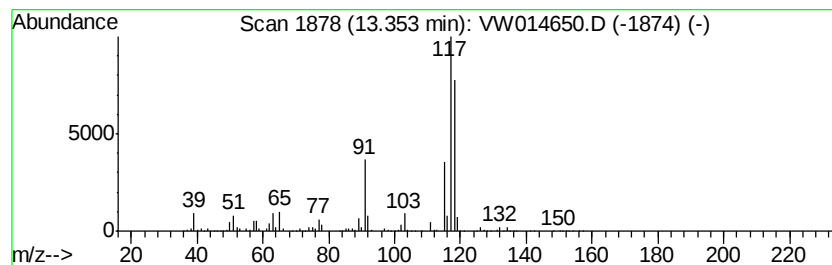
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 33 Benzene, cyclopropyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.18 ug/L	5296600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopopyl-	118	C9H10	000873-49-4	93
2		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
4		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

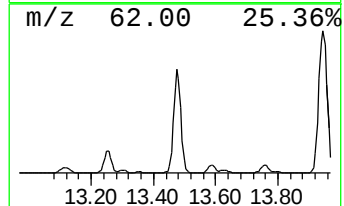
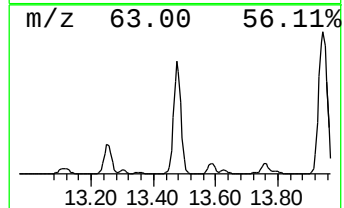
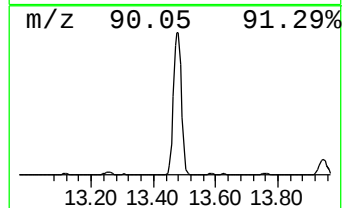
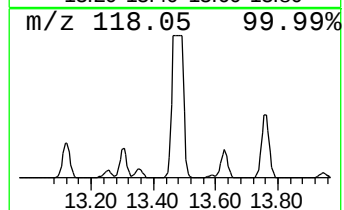
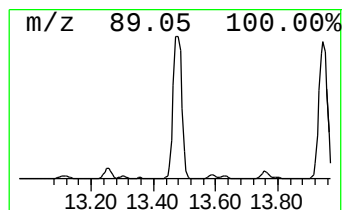
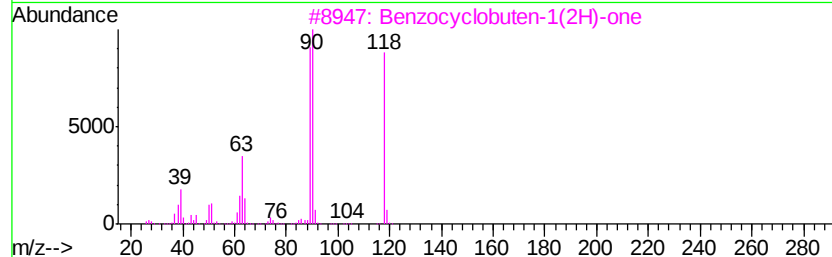
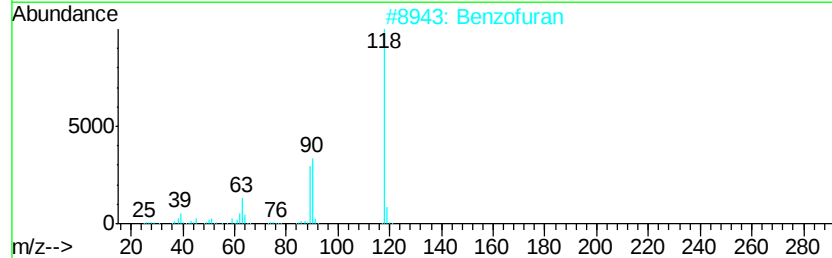
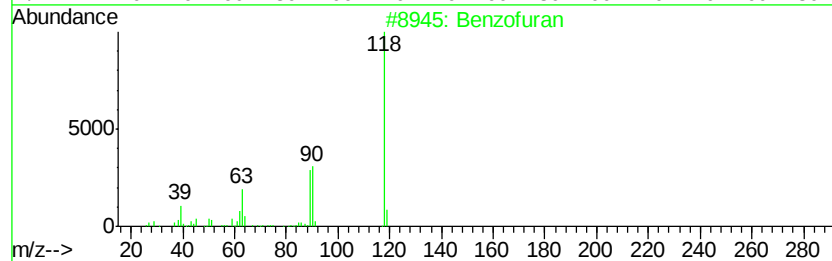
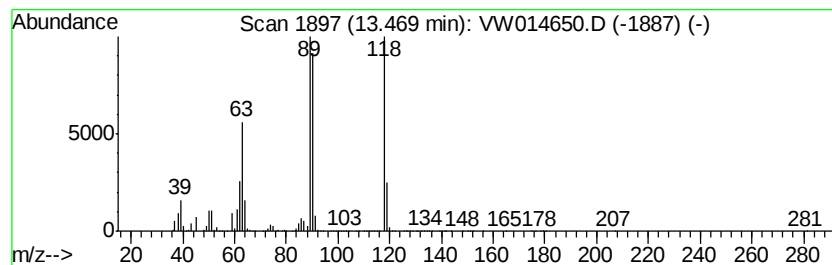
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 34 Benzofuran Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	50.66 ug/L	123218000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	96
2		Benzofuran	118	C8H6O	000271-89-6	94
3		Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	93
4		3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	64
5		Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

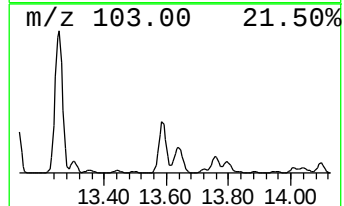
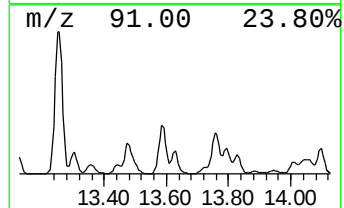
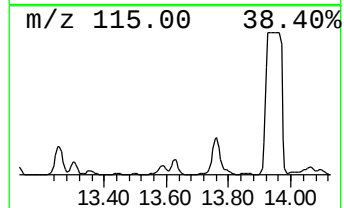
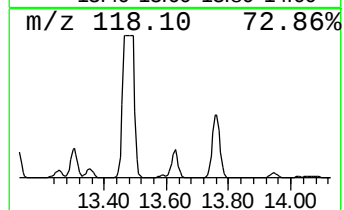
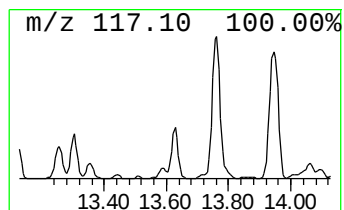
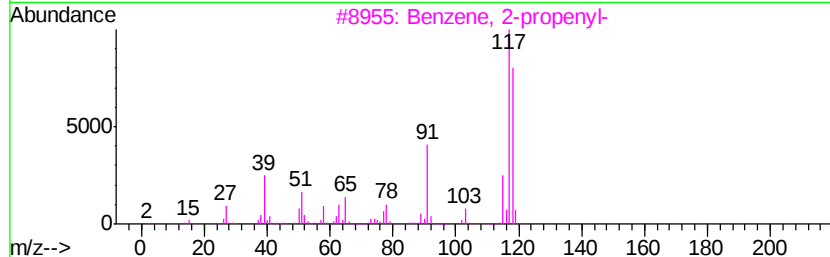
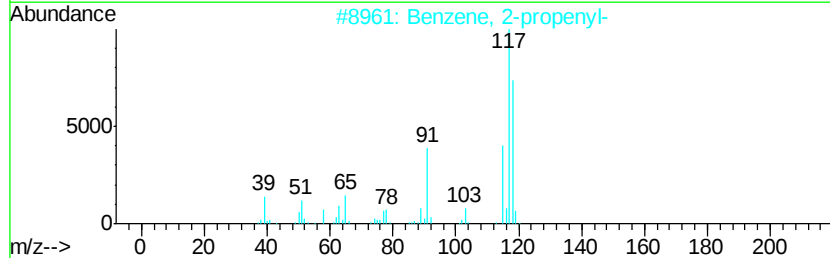
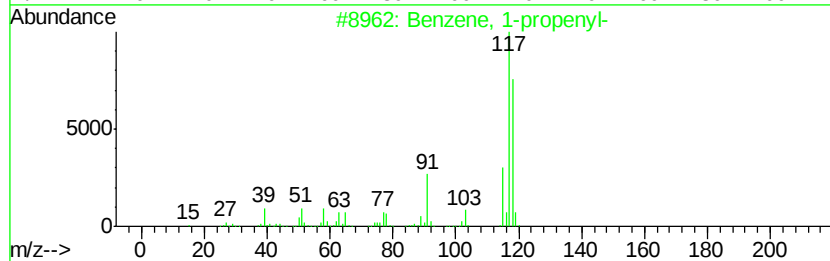
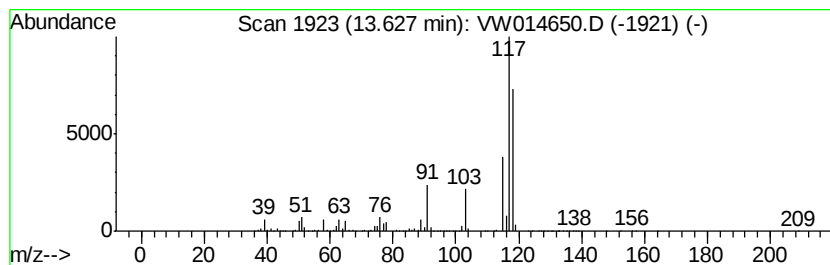
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 35 Benzene, 1-propenyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.14 ug/L	12511100	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
2		Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	58
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	58
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

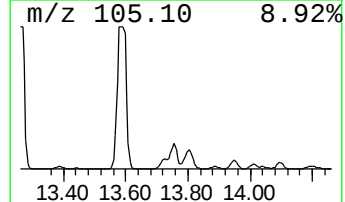
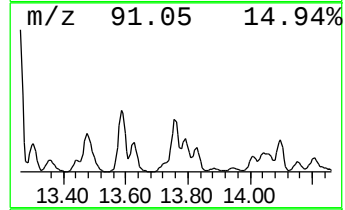
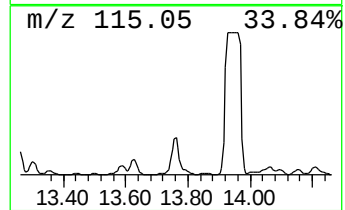
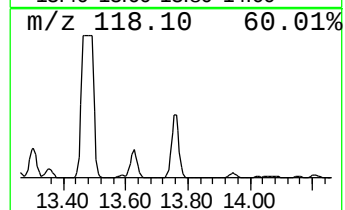
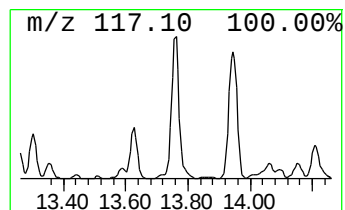
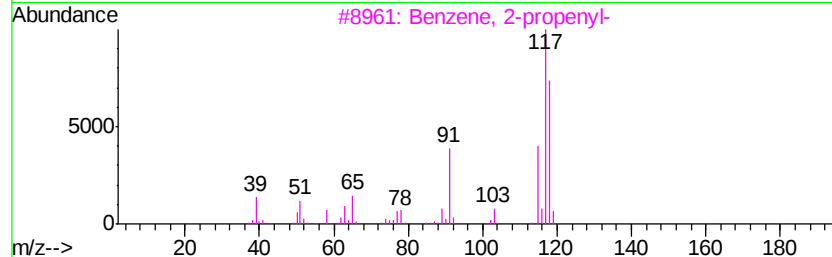
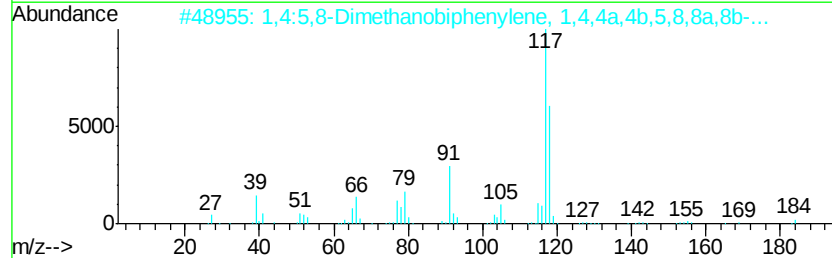
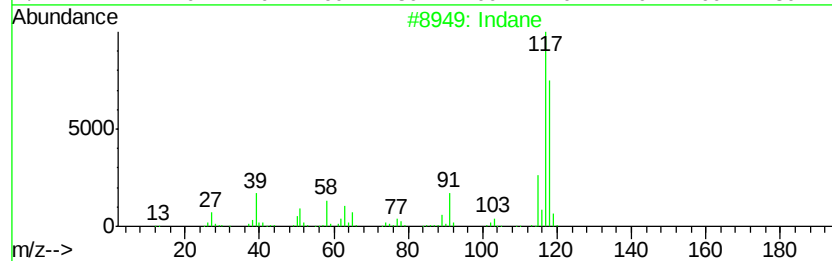
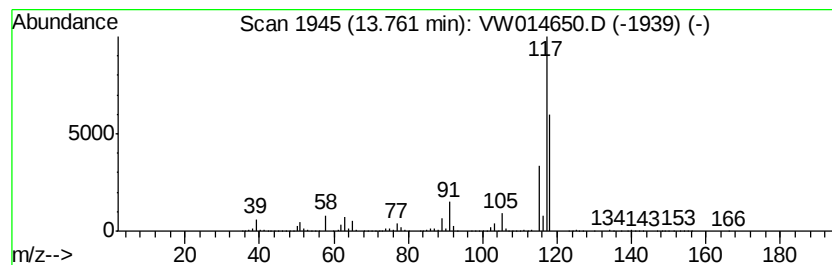
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 36 Indane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	13.01 ug/L	31648900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	81
2		1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
5		Indane	118	C9H10	000496-11-7	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

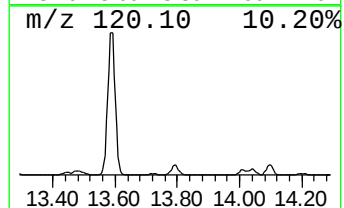
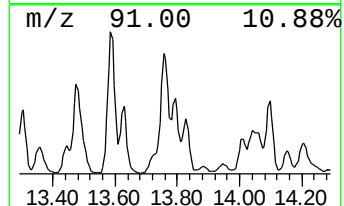
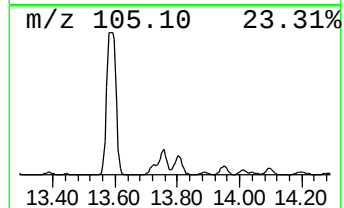
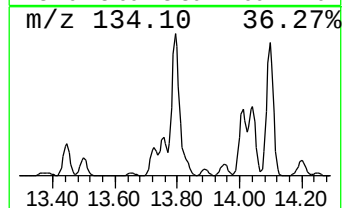
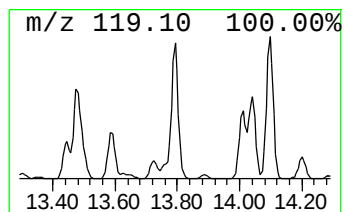
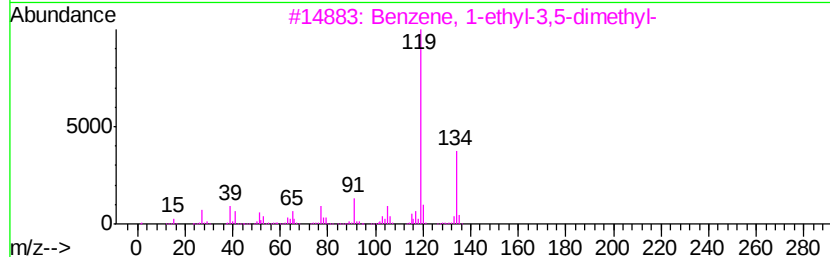
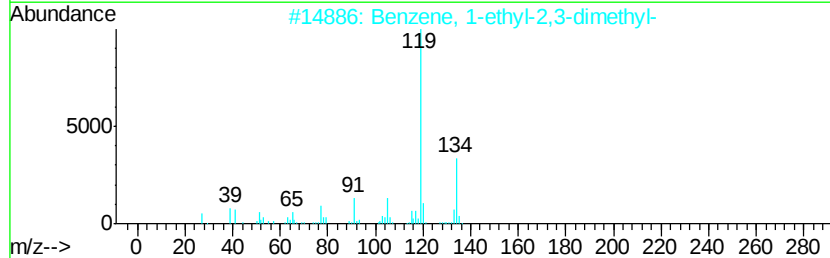
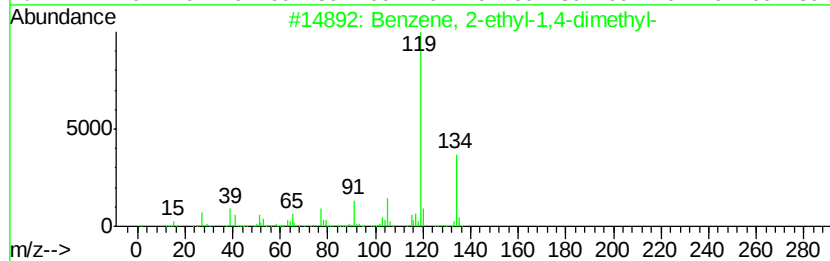
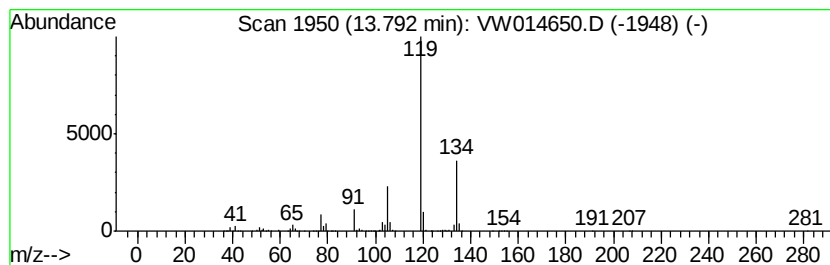
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 37 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	5.10 ug/L	12399800	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	90
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	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:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

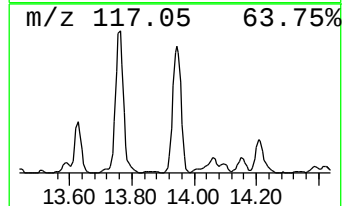
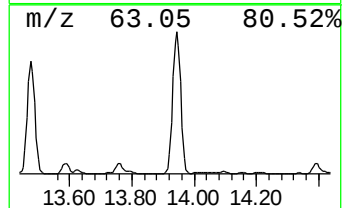
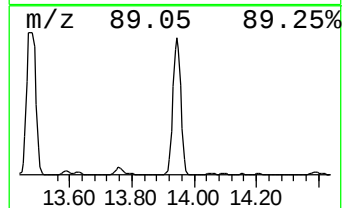
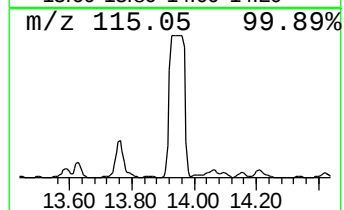
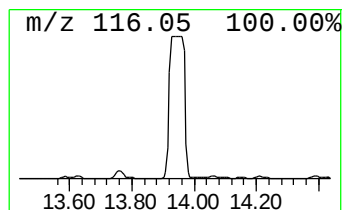
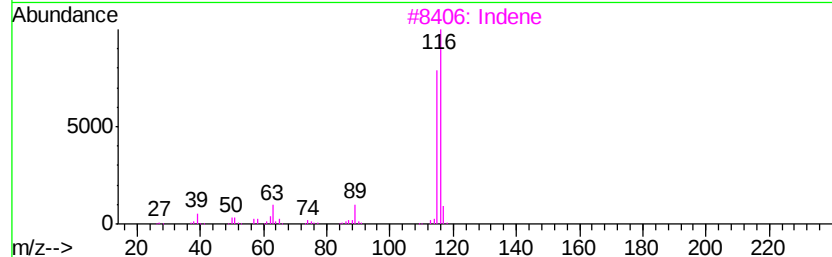
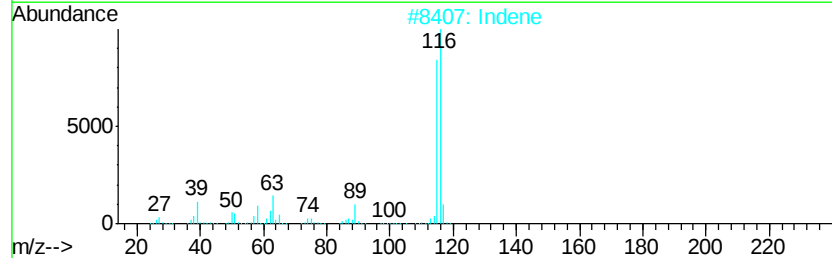
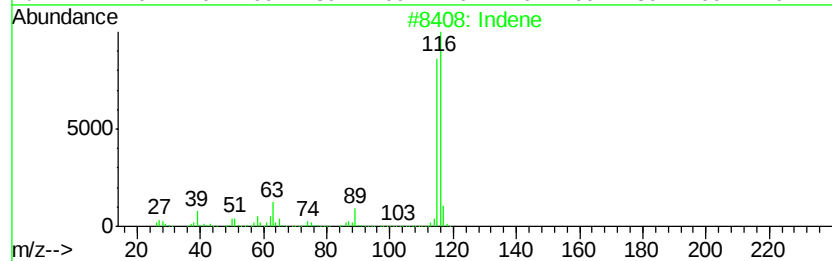
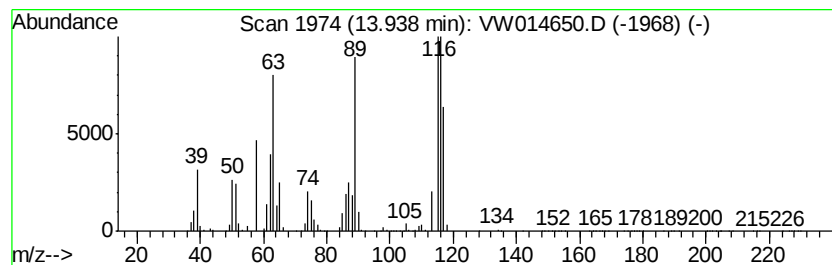
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 38 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	84.75 ug/L	206128000	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Indene	116	C9H8	000095-13-6	96
3		Indene	116	C9H8	000095-13-6	93
4		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	72
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

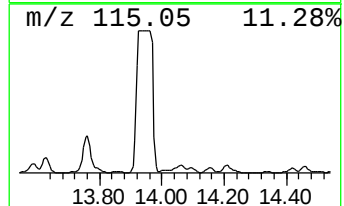
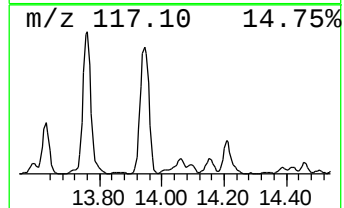
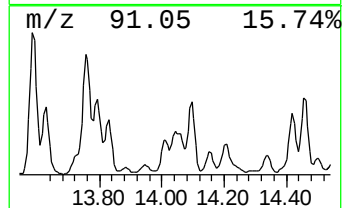
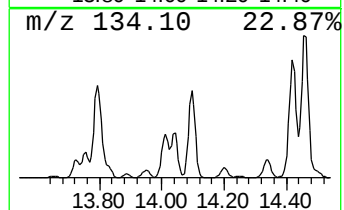
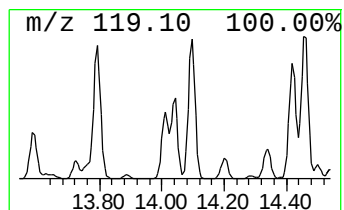
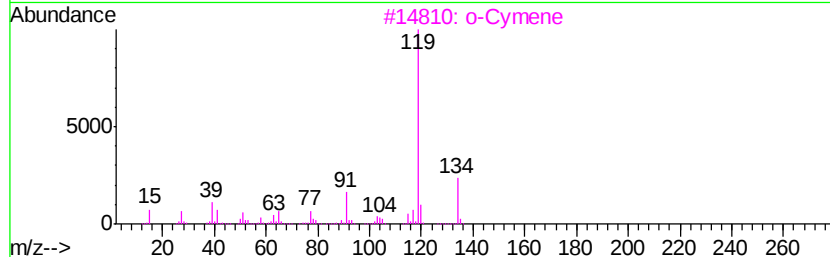
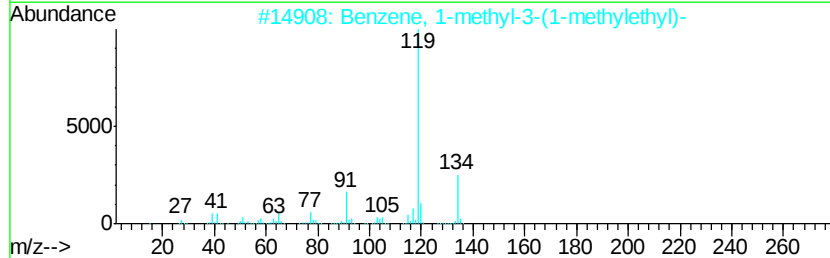
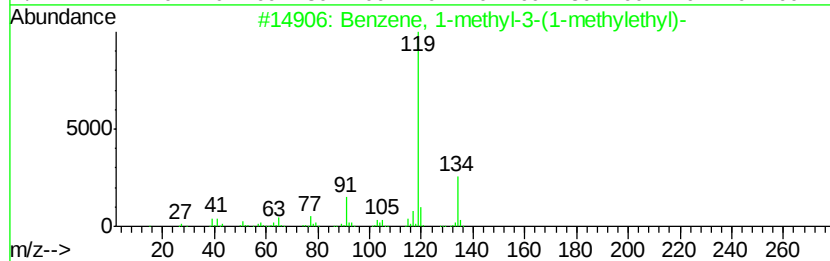
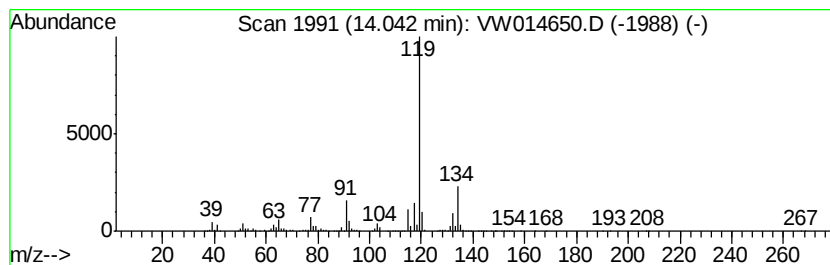
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 40 Benzene, 1-methyl-3-(1-meth... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.01 ug/L	7323210	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
3			o-Cymene	134	C10H14	000527-84-4	90
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

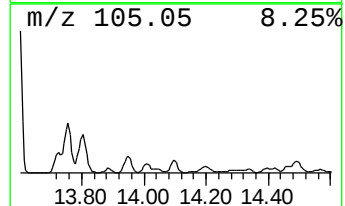
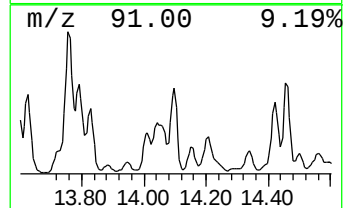
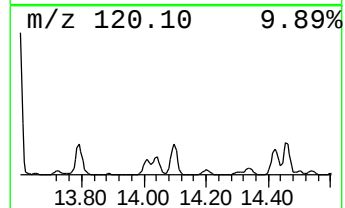
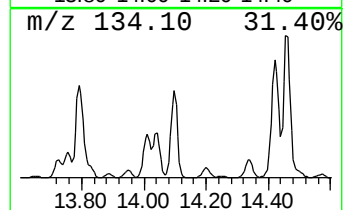
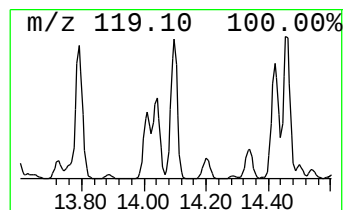
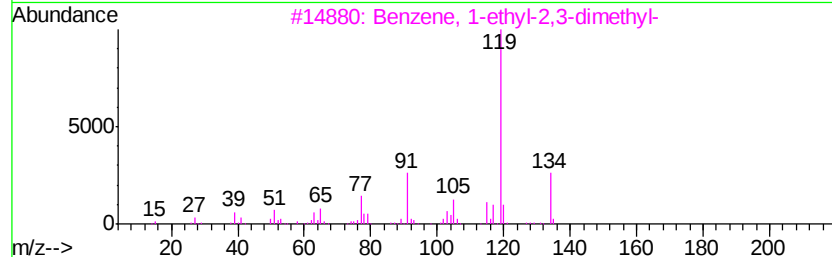
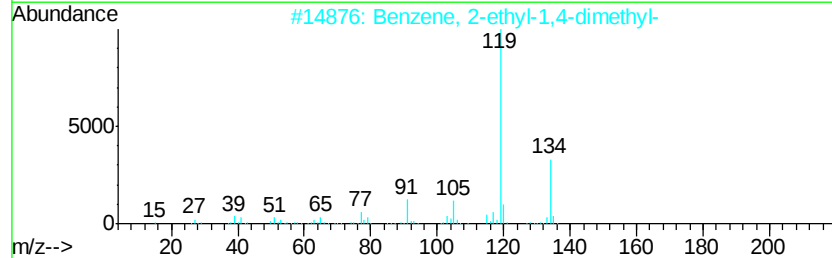
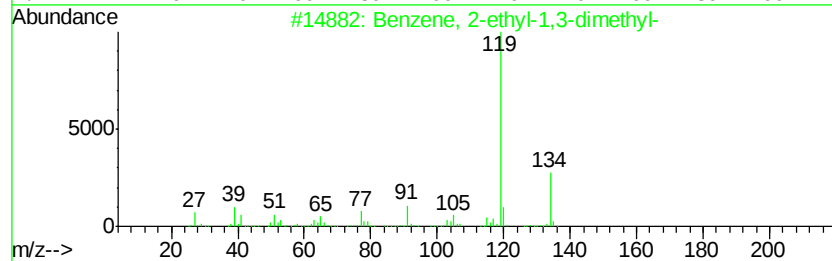
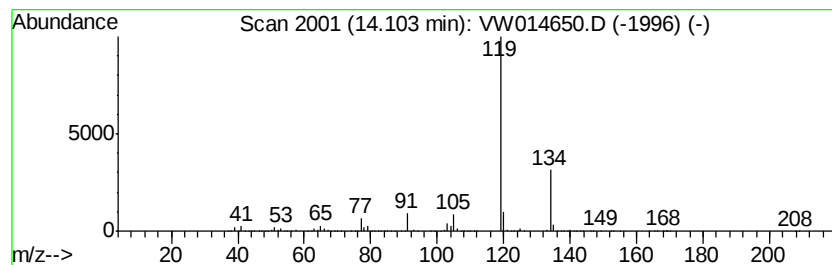
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 41 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	6.60 ug/L	16052900	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	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	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

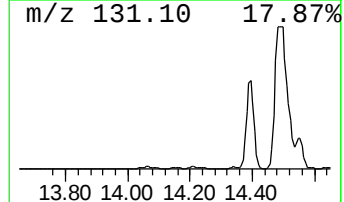
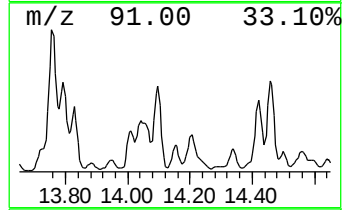
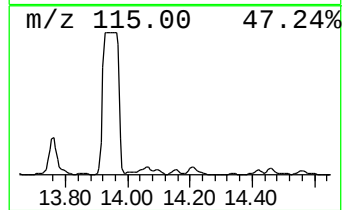
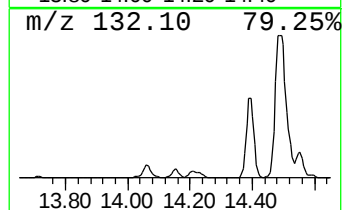
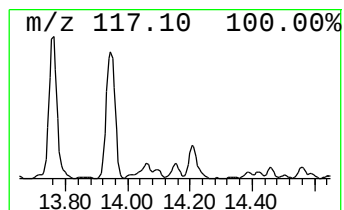
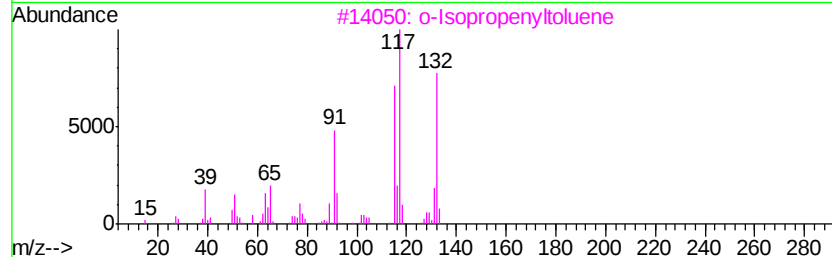
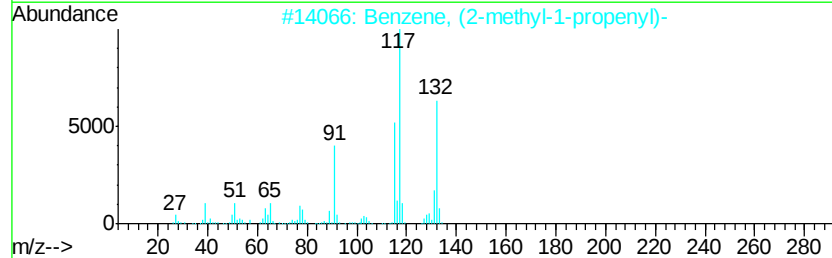
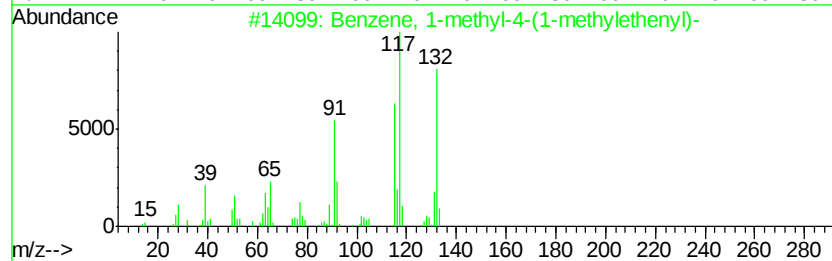
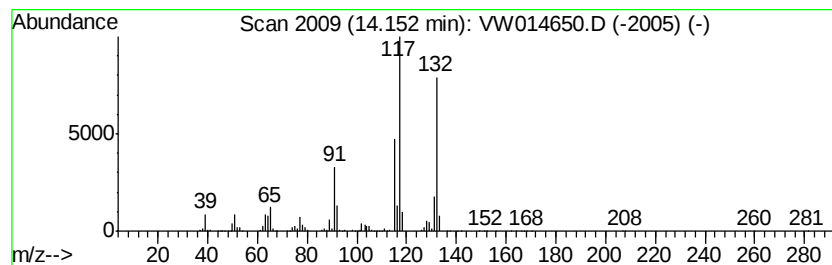
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 1-methyl-4-(1-meth... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	1.51 ug/L	3681530	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	96
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3			o-Isopropenyltoluene	132	C10H12	007399-49-7	94
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

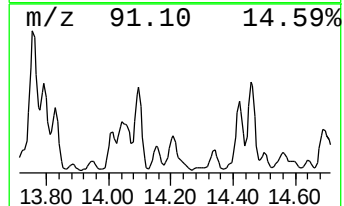
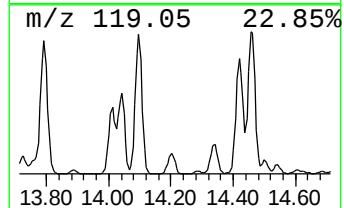
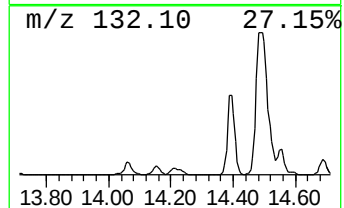
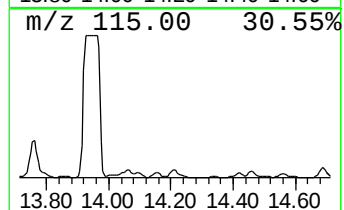
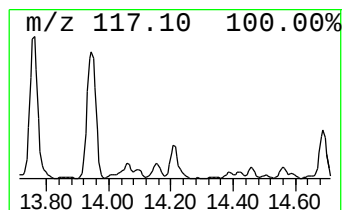
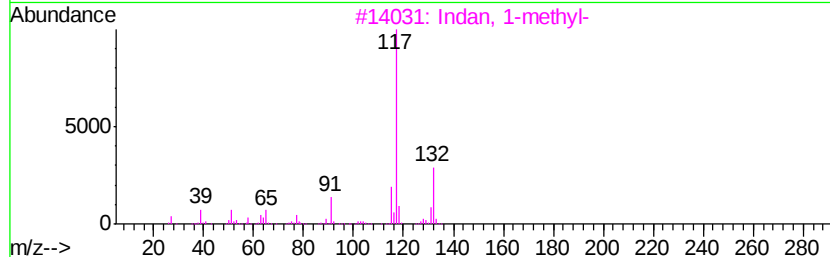
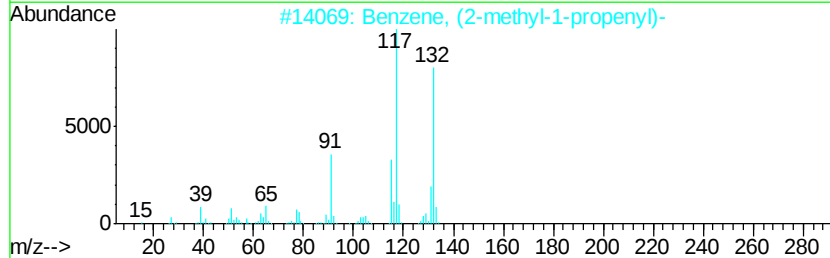
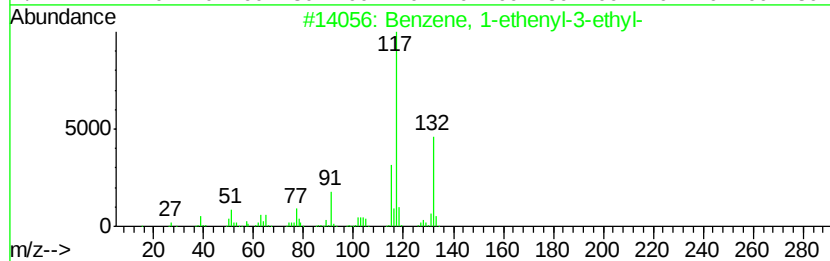
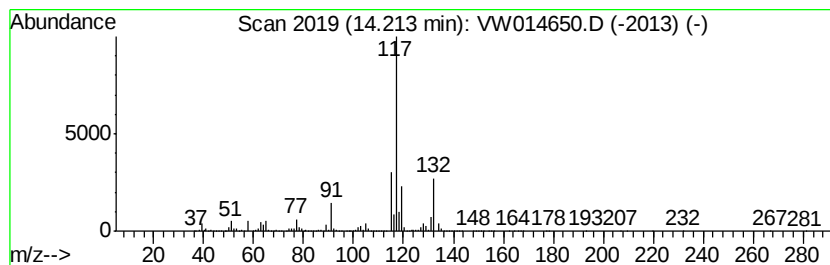
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 43 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	4.37 ug/L	10636600	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
2		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
3		Indan, 1-methyl-	132	C10H12	000767-58-8	76
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	72
5		Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
GASH0

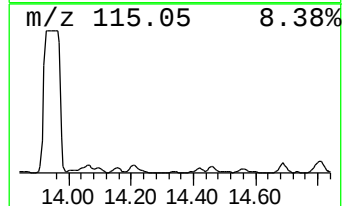
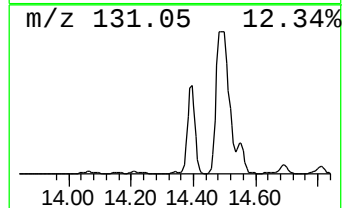
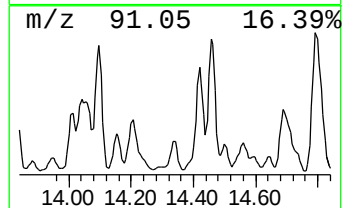
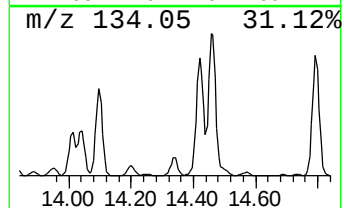
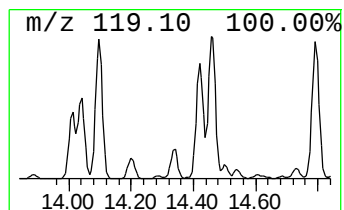
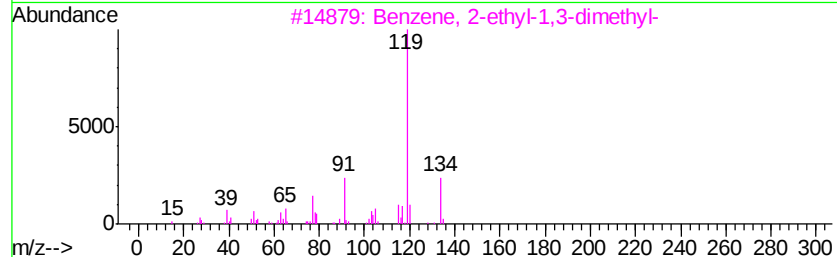
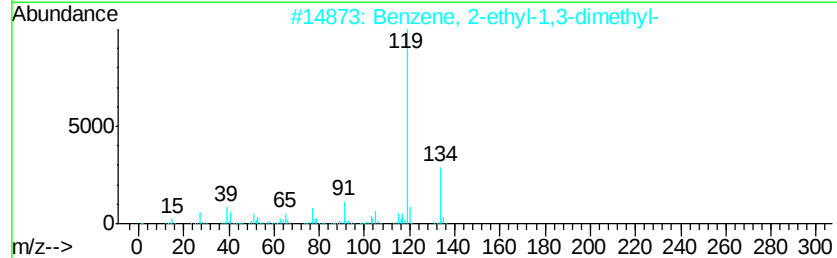
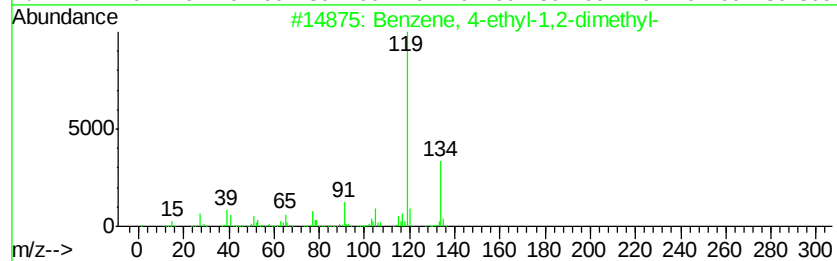
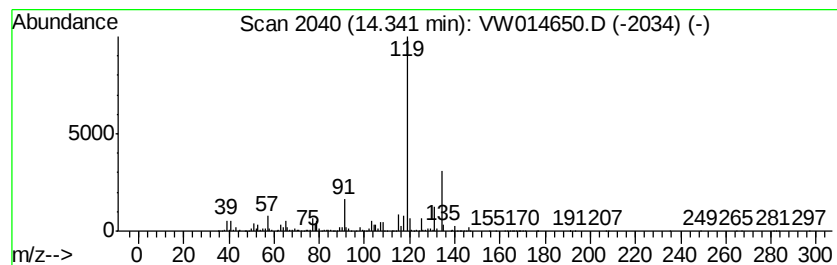
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 44 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	1.95 ug/L	4748960	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
2		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
4		o-Cymene	134	C10H14	000527-84-4	81
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014650.D
Acq On : 15 Jan 2020 13:24
Operator : SY/VA
Sample : L1109-11
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GASH0

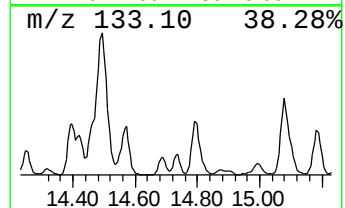
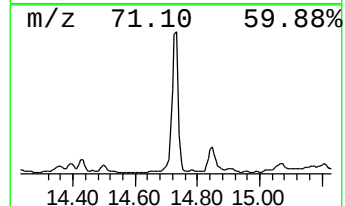
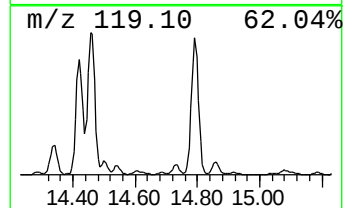
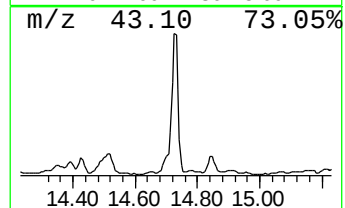
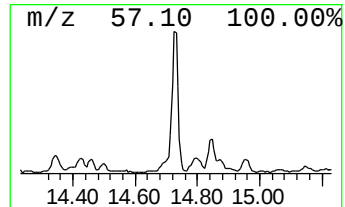
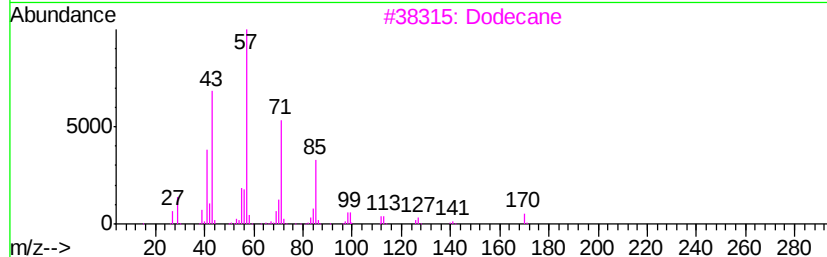
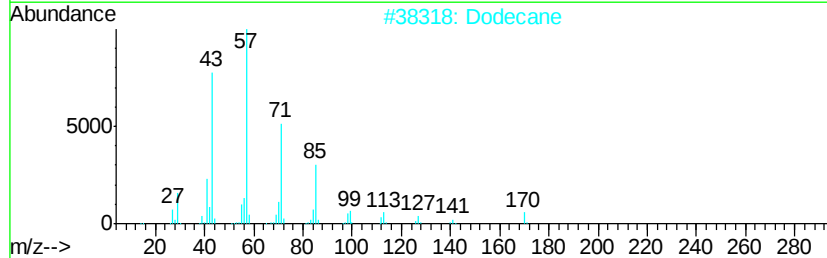
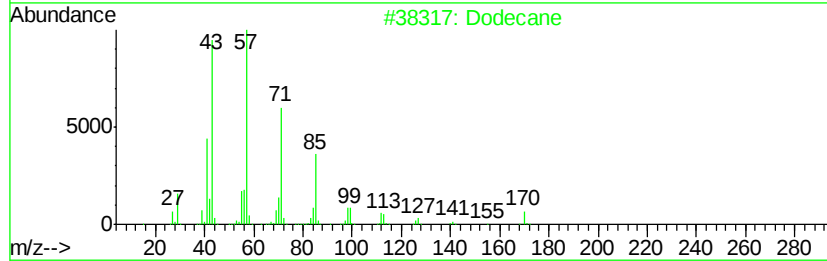
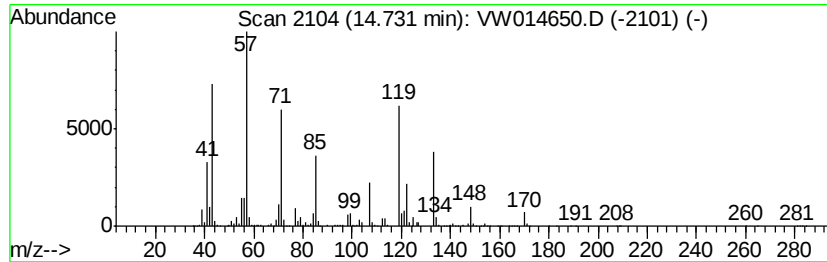
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.40 ug/L	5827260	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	92
2			Dodecane	170	C12H26	000112-40-3	70
3			Dodecane	170	C12H26	000112-40-3	52
4			Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	25
5			Hexadecane	226	C16H34	000544-76-3	25



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011520\
 Data File : VW014650.D
 Acq On : 15 Jan 2020 13:24
 Operator : SY/VA
 Sample : L1109-11
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH0

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furan, 2-methyl-	6.60	3.5	ug/L	246240	1	8.84	1754750	25.0
Thiophene	8.56	51.7	ug/L	3630060	1	8.84	1754750	25.0
(DEL) Alkane: Str...	8.70	9.3	ug/L	652554	1	8.84	1754750	25.0
2,4-Heptadiene, (...)	9.85	4.0	ug/L	276912	1	8.84	1754750	25.0
(DEL) Alkane: Str...	9.96	4.8	ug/L	338214	1	8.84	1754750	25.0
Cyclohexene, 1-me...	10.20	12.8	ug/L	898821	1	8.84	1754750	25.0
Pyridine	10.26	31.9	ug/L	2939300	2	11.63	2302890	25.0
Thiophene, 2-methyl-	10.49	128.5	ug/L	11839200	2	11.63	2302890	25.0
Thiophene, 3-methyl-	10.64	90.2	ug/L	8306940	2	11.63	2302890	25.0
Cyclohexene, 3,5-...	10.74	7.1	ug/L	655045	2	11.63	2302890	25.0
Bicyclo[3.1.0]hex...	11.01	2.7	ug/L	251868	2	11.63	2302890	25.0
3-Octyne	11.06	5.5	ug/L	504015	2	11.63	2302890	25.0
(DEL) Alkane: Cyc...	11.10	4.8	ug/L	438171	2	11.63	2302890	25.0
(DEL) Alkane: Cyc...	11.18	4.7	ug/L	431710	2	11.63	2302890	25.0
Pyridine, 2-methyl-	11.24	76.1	ug/L	7011080	2	11.63	2302890	25.0
(DEL) Alkane: Str...	11.34	5.0	ug/L	456829	2	11.63	2302890	25.0
(DEL) Alkane: Str...	11.41	6.5	ug/L	595465	2	11.63	2302890	25.0
(DEL) Alkane: Str...	11.51	5.3	ug/L	487794	2	11.63	2302890	25.0
Pentalene, 1,2,3,...	11.55	2.9	ug/L	269844	2	11.63	2302890	25.0
(DEL) Alkane: Cyc...	11.93	3.6	ug/L	333832	2	11.63	2302890	25.0
Thiophene, 2,4-di...	11.97	108.4	ug/L	9984470	2	11.63	2302890	25.0
(DEL) Alkane: Str...	12.24	7.8	ug/L	722083	2	11.63	2302890	25.0
(DEL) Alkane: Cyc...	12.52	10.1	ug/L	927059	2	11.63	2302890	25.0
Benzene, propyl-	12.80	2.1	ug/L	5032940	3	13.56	60808000	25.0
Benzene, 1-ethyl-...	12.87	23.0	ug/L	55896700	3	13.56	60808000	25.0
.alpha.-Methylsty...	13.12	16.2	ug/L	39492500	3	13.56	60808000	25.0
Benzene, (1-methy...	13.26	61.1	ug/L	148604000	3	13.56	60808000	25.0
Benzene, 1,1'-(1-...	13.30	4.7	ug/L	11445900	3	13.56	60808000	25.0
Benzene, cyclopro...	13.35	2.2	ug/L	5296600	3	13.56	60808000	25.0
Benzofuran	13.47	50.7	ug/L	123218000	3	13.56	60808000	25.0
Benzene, 1-propenyl-	13.63	5.1	ug/L	12511100	3	13.56	60808000	25.0
Indane	13.76	13.0	ug/L	31648900	3	13.56	60808000	25.0
Benzene, 2-ethyl-...	13.79	5.1	ug/L	12399800	3	13.56	60808000	25.0
Indene	13.94	84.8	ug/L	206128000	3	13.56	60808000	25.0
Benzene, 1-methyl...	14.04	3.0	ug/L	7323210	3	13.56	60808000	25.0
Benzene, 2-ethyl-...	14.10	6.6	ug/L	16052900	3	13.56	60808000	25.0
Benzene, 1-methyl...	14.15	1.5	ug/L	3681530	3	13.56	60808000	25.0
Benzene, 1-etheny...	14.21	4.4	ug/L	10636600	3	13.56	60808000	25.0
Benzene, 4-ethyl-...	14.34	2.0	ug/L	4748960	3	13.56	60808000	25.0
(DEL) Alkane: Str...	14.73	2.4	ug/L	5827260	3	13.56	60808000	25.0