

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006920.D
 Acq On : 16 Nov 2018 16:57
 Operator : SY/AP
 Sample : J5979-01
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ET100

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\SOM2WLM111418S.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	2.355	67	74	84	rVB	38139	60226	3.57%	0.430%
2	2.806	145	148	150	rBV3	545	617	0.04%	0.004%
3	2.830	150	152	155	rVV2	592	641	0.04%	0.005%
4	2.891	155	162	172	rVB	28796	52473	3.11%	0.375%
5	3.068	189	191	193	rVB2	450	362	0.02%	0.003%
6	3.269	219	224	226	rBV4	884	1339	0.08%	0.010%
7	3.397	239	245	252	rVV3	1520	3266	0.19%	0.023%
8	3.696	288	294	301	rVB4	664	1439	0.09%	0.010%
9	3.861	319	321	329	rVB4	686	1440	0.09%	0.010%
10	4.019	335	347	359	rBV	70707	186090	11.02%	1.329%
11	4.147	360	368	375	rBV	4423	12953	0.77%	0.092%
12	4.391	401	408	414	rVB2	368	931	0.06%	0.007%
13	4.446	414	417	420	rBV3	292	328	0.02%	0.002%
14	4.921	483	495	509	rBV2	6842	21157	1.25%	0.151%
15	5.202	538	541	543	rVB2	370	351	0.02%	0.003%
16	5.238	543	547	550	rBV	333	481	0.03%	0.003%
17	5.385	566	571	575	rVB2	169	361	0.02%	0.003%
18	5.549	593	598	603	rBV2	205	390	0.02%	0.003%
19	5.952	656	664	675	rVV3	2684	7588	0.45%	0.054%
20	6.305	712	722	730	rBV3	3944	11587	0.69%	0.083%
21	6.500	750	754	758	rBV2	307	518	0.03%	0.004%
22	6.891	814	818	821	rVB2	222	397	0.02%	0.003%
23	7.092	842	851	857	rBV	11992	36032	2.13%	0.257%
24	7.653	933	943	955	rBV	86578	211444	12.52%	1.510%
25	7.957	991	993	996	rVB2	465	340	0.02%	0.002%
26	8.018	999	1003	1007	rBV3	233	406	0.02%	0.003%
27	8.281	1035	1046	1062	rBV2	169285	499757	29.59%	3.569%
28	8.390	1062	1064	1068	rVV	225	329	0.02%	0.002%
29	8.701	1110	1115	1123	rVB5	1468	2807	0.17%	0.020%
30	8.848	1130	1139	1149	rBV	177584	342615	20.28%	2.447%
31	8.933	1151	1153	1159	rVB3	641	940	0.06%	0.007%
32	9.085	1172	1178	1182	rBV4	481	755	0.04%	0.005%
33	9.280	1202	1210	1218	rBV	113365	226897	13.43%	1.620%
34	9.384	1225	1227	1231	rVB	306	395	0.02%	0.003%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006920.D
 Acq On : 16 Nov 2018 16:57
 Operator : SY/AP
 Sample : J5979-01
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ET100

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\SOM2WLM111418S.M
 Title : VOC Analysis

35	9.671	1268	1274	1279	rBV3	583	1040	0.06%	0.007%
36	9.762	1284	1289	1294	rVB4	1626	3213	0.19%	0.023%
37	9.896	1305	1311	1317	rBV3	3648	7757	0.46%	0.055%
38	9.963	1317	1322	1327	rBV4	1907	3571	0.21%	0.026%
39	10.036	1327	1334	1341	rBV	57809	103874	6.15%	0.742%
40	10.103	1341	1345	1349	rVB3	1336	1993	0.12%	0.014%
41	10.213	1359	1363	1366	rVV3	706	1329	0.08%	0.009%
42	10.250	1366	1369	1374	rVV2	2401	3720	0.22%	0.027%
43	10.329	1374	1382	1390	rVV	264297	465495	27.56%	3.324%
44	10.390	1390	1392	1397	rVB3	1393	1836	0.11%	0.013%
45	10.512	1405	1412	1417	rBV2	6814	11635	0.69%	0.083%
46	10.579	1417	1423	1433	rVB	37054	63243	3.74%	0.452%
47	10.677	1433	1439	1440	rBV4	1036	1568	0.09%	0.011%
48	10.725	1440	1447	1448	rBV2	14554	28294	1.68%	0.202%
49	10.847	1464	1467	1471	rVB5	1493	2046	0.12%	0.015%
50	10.926	1474	1480	1488	rBV	49116	87195	5.16%	0.623%
51	11.067	1494	1503	1507	rBV3	5247	10907	0.65%	0.078%
52	11.109	1507	1510	1513	rVV3	1727	1947	0.12%	0.014%
53	11.146	1514	1516	1518	rVV3	1042	1181	0.07%	0.008%
54	11.183	1518	1522	1525	rVV2	4098	6113	0.36%	0.044%
55	11.237	1526	1531	1536	rVB4	3473	6275	0.37%	0.045%
56	11.347	1544	1549	1553	rBV3	3750	6839	0.40%	0.049%
57	11.414	1553	1560	1563	rBV4	9447	19337	1.14%	0.138%
58	11.518	1572	1577	1583	rBV	10539	17489	1.04%	0.125%
59	11.634	1589	1596	1605	rBV	231024	386472	22.88%	2.760%
60	11.731	1610	1612	1616	rVV3	3595	5730	0.34%	0.041%
61	11.768	1616	1618	1621	rVV4	2964	3808	0.23%	0.027%
62	11.847	1621	1631	1640	rVV4	45339	103932	6.15%	0.742%
63	11.920	1640	1643	1648	rVB4	8336	13579	0.80%	0.097%
64	11.981	1649	1653	1654	rBV4	1473	1845	0.11%	0.013%
65	12.067	1663	1667	1672	rVB5	4291	8185	0.48%	0.058%
66	12.146	1672	1680	1682	rBV3	18591	37530	2.22%	0.268%
67	12.256	1694	1698	1703	rVB	20396	30226	1.79%	0.216%
68	12.304	1703	1706	1707	rBV3	3781	4601	0.27%	0.033%
69	12.548	1743	1746	1748	rBV	15207	19011	1.13%	0.136%
70	12.621	1754	1758	1761	rBV	19764	32591	1.93%	0.233%
71	12.658	1761	1764	1766	rVV2	28875	34630	2.05%	0.247%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006920.D
 Acq On : 16 Nov 2018 16:57
 Operator : SY/AP
 Sample : J5979-01
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ET100

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\SOM2WLM111418S.M
 Title : VOC Analysis

72	12.701	1766	1771	1776	rVB2	71273	120789	7.15%	0.863%
73	12.792	1782	1786	1792	rVB4	16176	35911	2.13%	0.256%
74	12.871	1792	1799	1802	rBV2	60153	105689	6.26%	0.755%
75	12.938	1802	1810	1816	rVV2	263239	515256	30.51%	3.680%
76	12.999	1816	1820	1824	rVB2	29485	46475	2.75%	0.332%
77	13.109	1830	1838	1840	rBV3	32358	81156	4.80%	0.580%
78	13.170	1845	1848	1855	rVV3	81882	126884	7.51%	0.906%
79	13.255	1858	1862	1866	rVB	85889	131039	7.76%	0.936%
80	13.298	1867	1869	1874	rVB3	23268	27014	1.60%	0.193%
81	13.353	1875	1878	1880	rBV3	16949	21585	1.28%	0.154%
82	13.450	1888	1894	1898	rBV4	93278	182058	10.78%	1.300%
83	13.493	1898	1901	1904	rVV2	93355	141197	8.36%	1.008%
84	13.560	1908	1912	1920	rVV2	270208	505514	29.93%	3.610%
85	13.633	1920	1924	1929	rVB	98583	137867	8.16%	0.985%
86	13.755	1941	1944	1948	rBV2	92360	117065	6.93%	0.836%
87	13.798	1948	1951	1956	rBV3	82002	110071	6.52%	0.786%
88	13.877	1958	1964	1969	rVV2	644188	1059663	62.74%	7.567%
89	14.103	1997	2001	2005	rVB	124143	176843	10.47%	1.263%
90	14.212	2014	2019	2023	rBV3	168388	299830	17.75%	2.141%
91	14.273	2025	2029	2035	rVB5	66593	137565	8.14%	0.982%
92	14.395	2046	2049	2053	rVB4	234954	335866	19.89%	2.398%
93	14.438	2053	2056	2059	rBV	118705	130747	7.74%	0.934%
94	14.505	2064	2067	2071	rBV2	223895	292277	17.30%	2.087%
95	14.554	2071	2075	2080	rVB4	130371	199869	11.83%	1.427%
96	14.731	2100	2104	2111	rVB2	998796	1496850	88.62%	10.689%
97	14.810	2111	2117	2121	rBV5	301769	735276	43.53%	5.251%
98	15.334	2199	2203	2212	rBV2	381233	745137	44.12%	5.321%
99	15.566	2237	2241	2249	rVB	1059517	1689036	100.00%	12.062%
100	16.511	2392	2396	2407	rVB	552079	1071086	63.41%	7.649%

Sum of corrected areas: 14003304

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

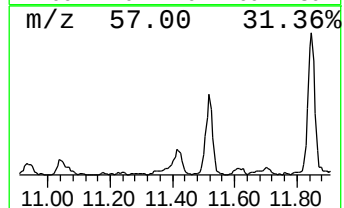
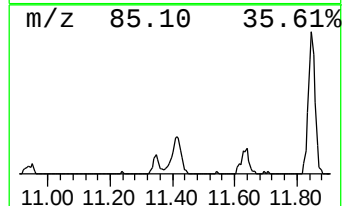
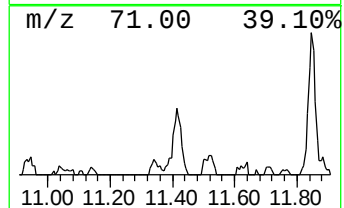
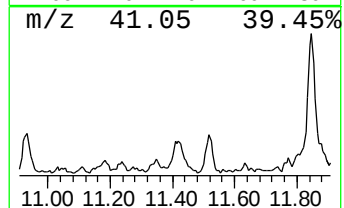
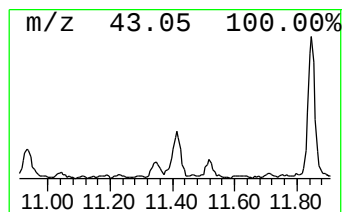
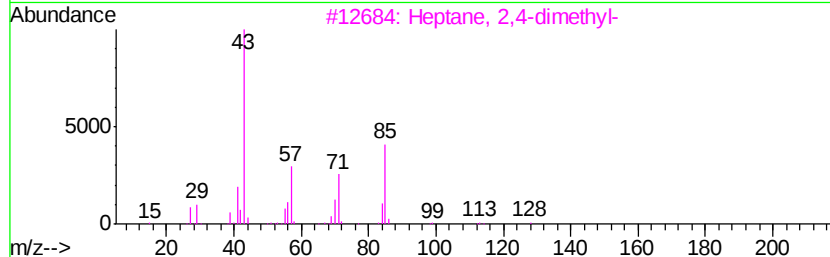
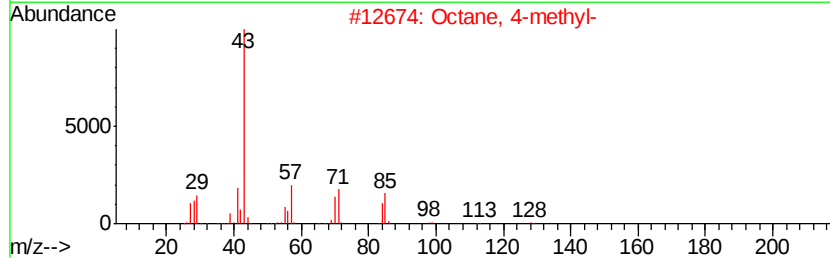
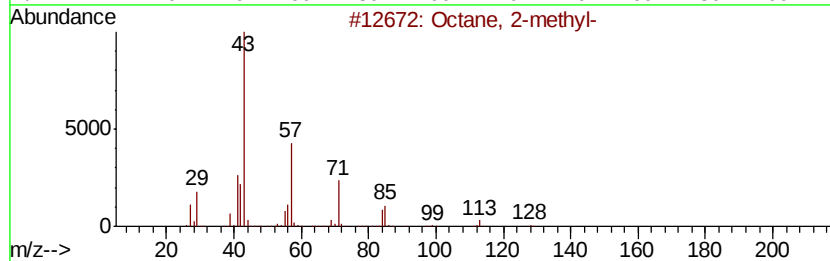
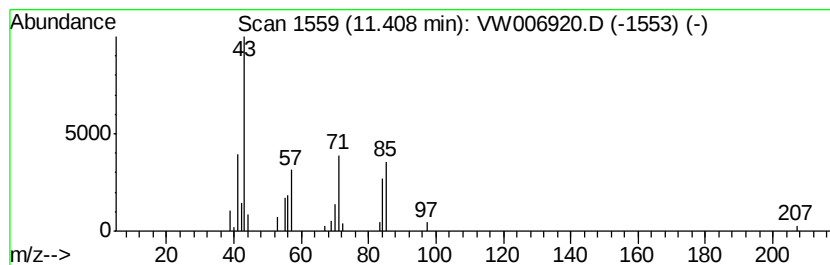
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	1.25 ug/L	19337	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2-methyl-	128	C9H20	003221-61-2	64
2			Octane, 4-methyl-	128	C9H20	002216-34-4	64
3			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

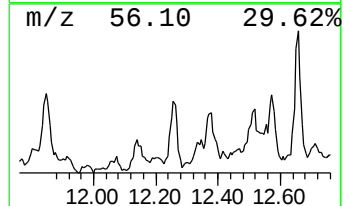
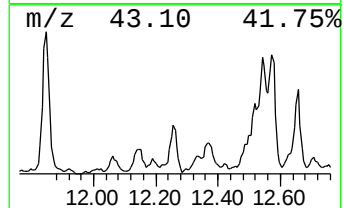
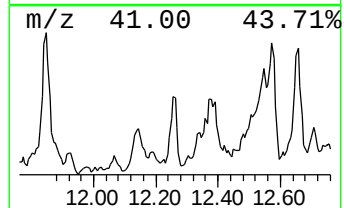
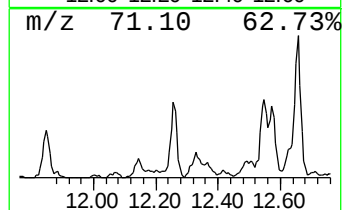
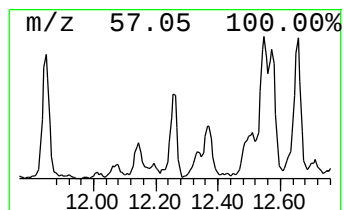
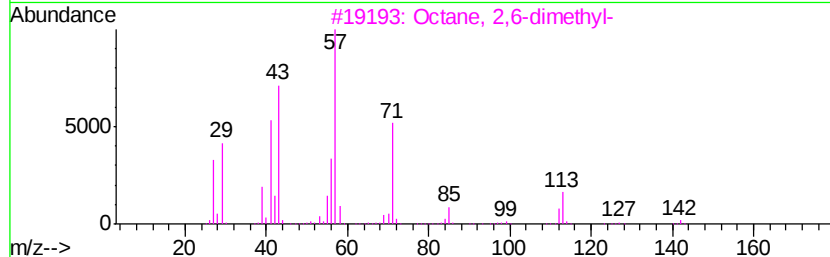
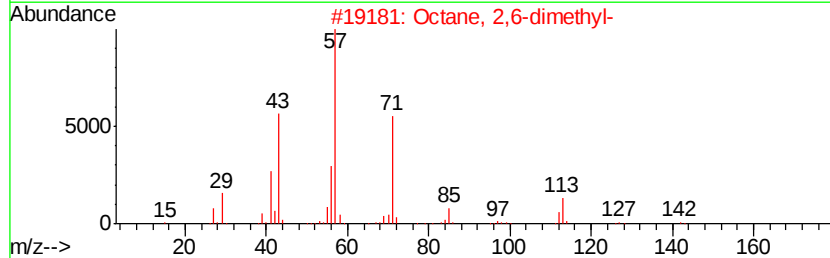
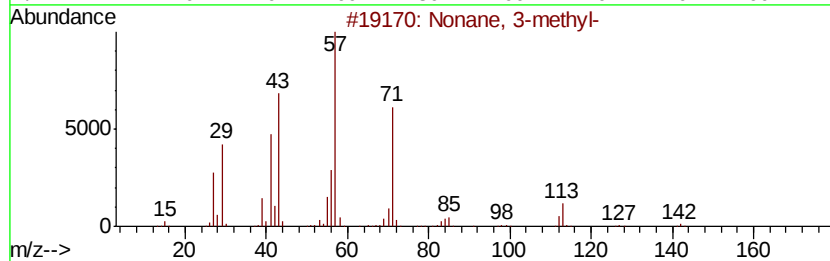
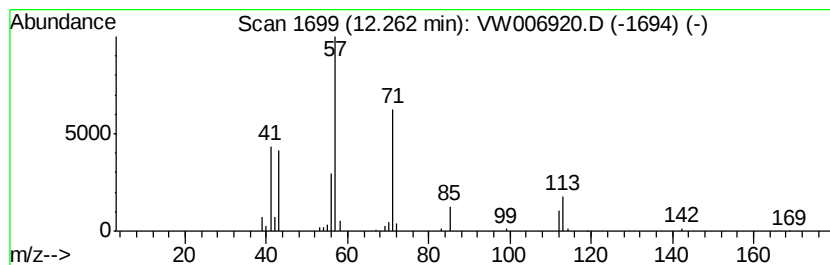
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	1.96 ug/L	30226	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

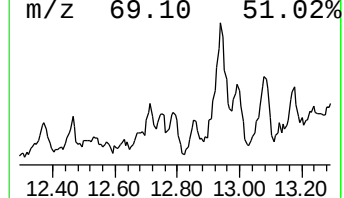
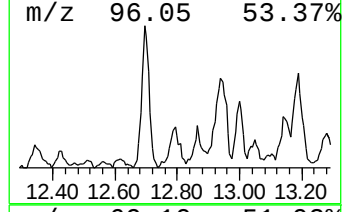
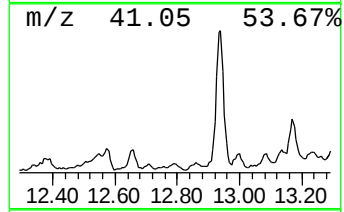
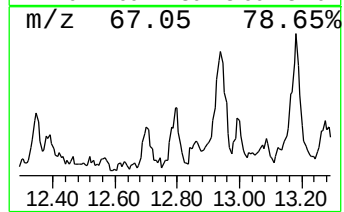
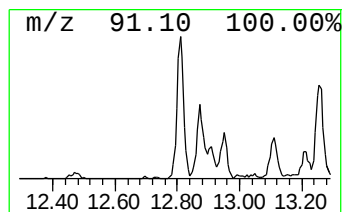
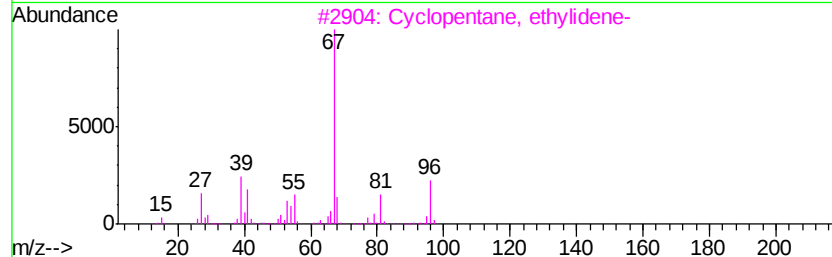
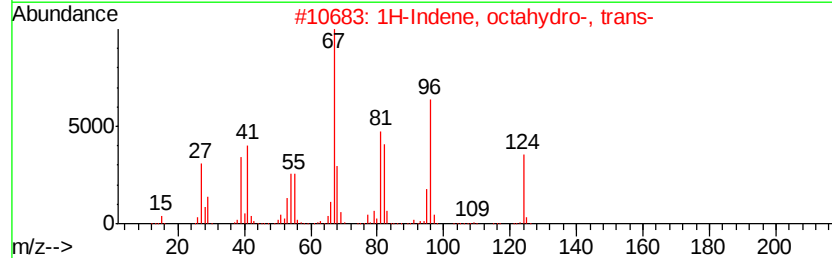
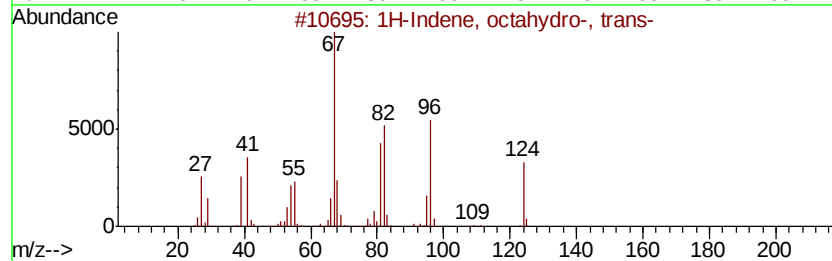
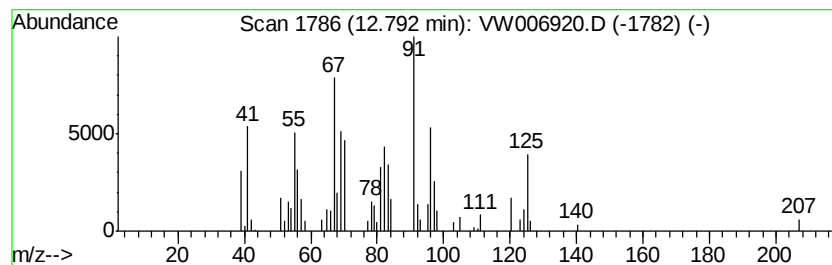
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 6 1H-Indene, octahydro-, trans- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	1.78 ug/L	35911	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	53
2		1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
3		Cyclopentane, ethylidene-	96	C7H12	002146-37-4	38
4		Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	30
5		1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

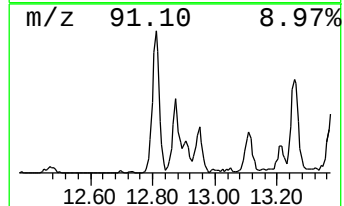
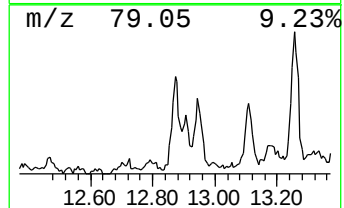
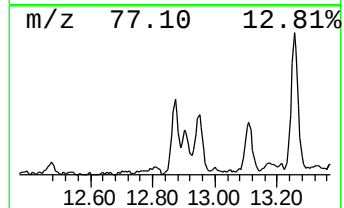
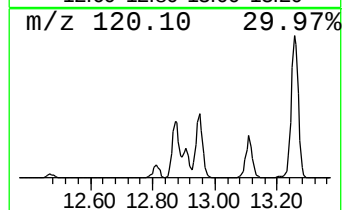
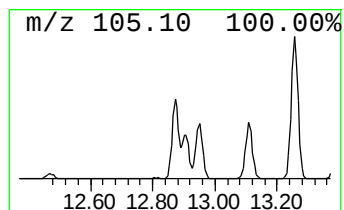
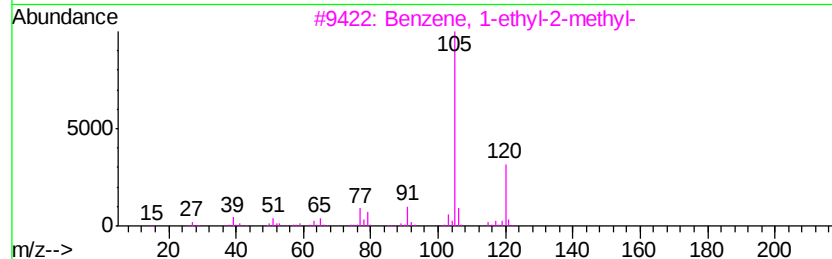
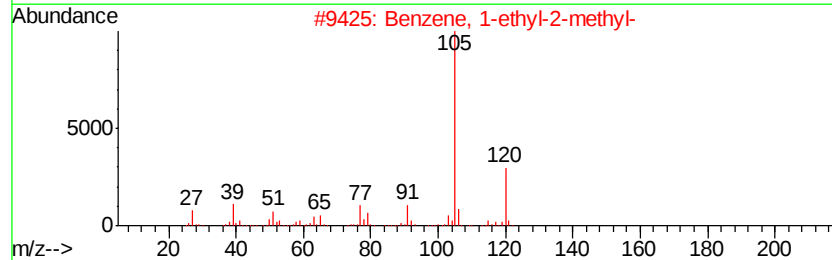
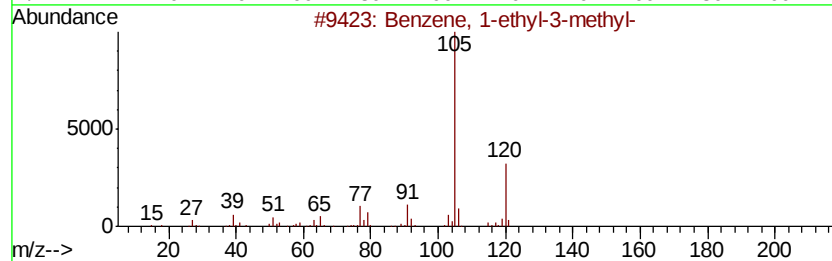
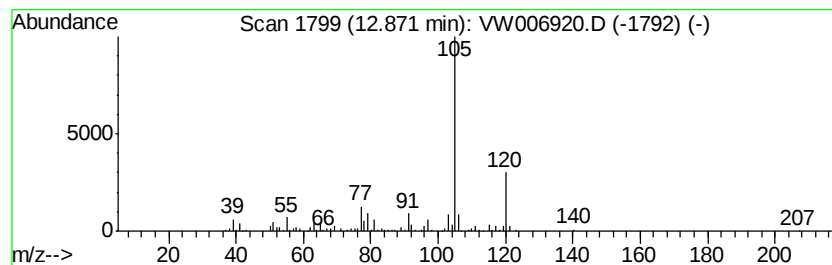
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.23 ug/L	105689	1,4-Dichlorobenzene-d4	13.57

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

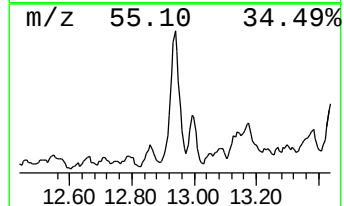
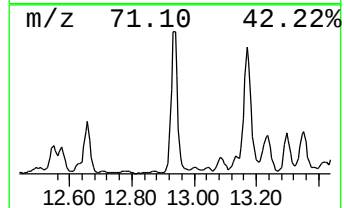
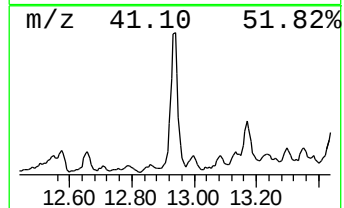
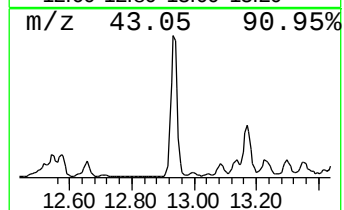
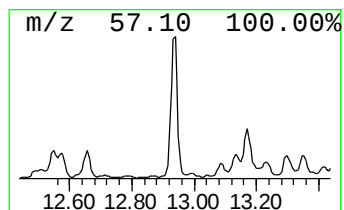
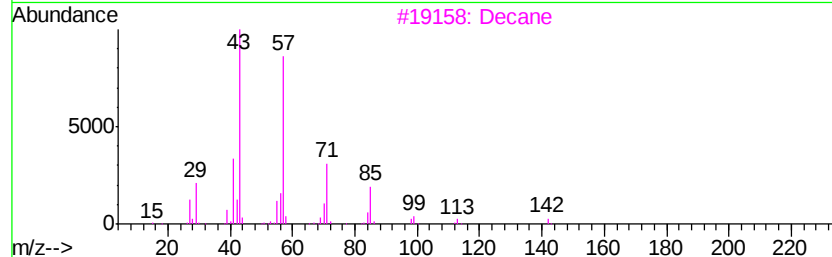
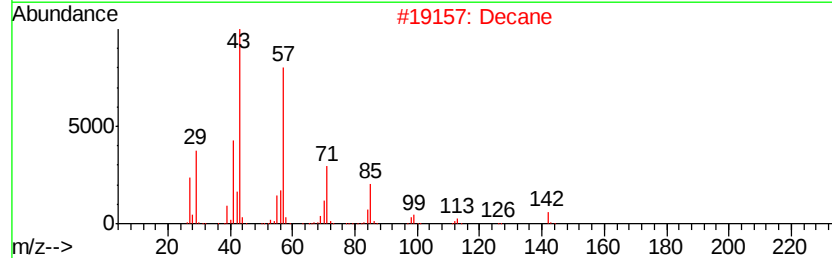
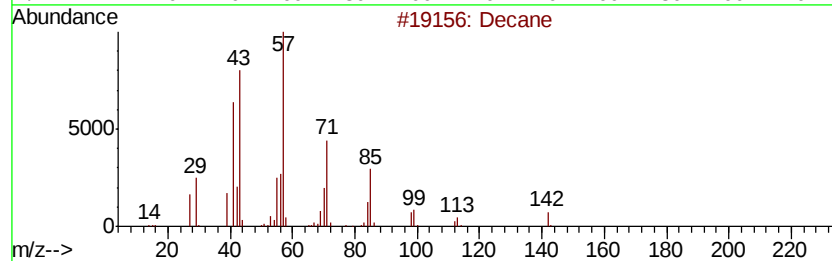
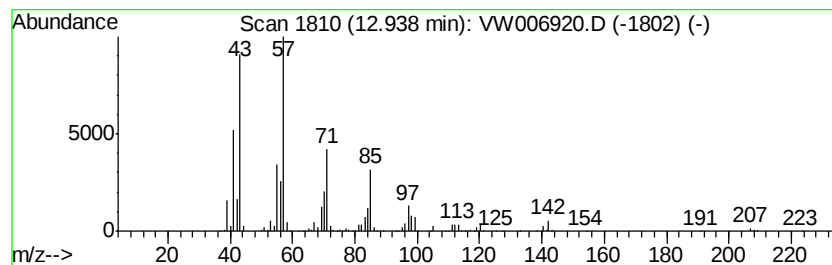
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	25.48 ug/L	515256	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	95
2	Decane		142	C10H22	000124-18-5	93
3	Decane		142	C10H22	000124-18-5	87
4	Undecane		156	C11H24	001120-21-4	64
5	Tetradecane		198	C14H30	000629-59-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

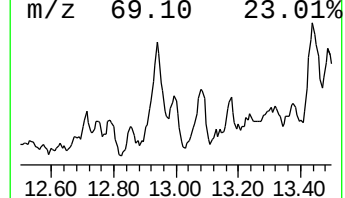
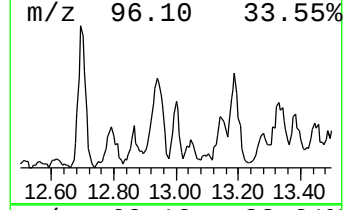
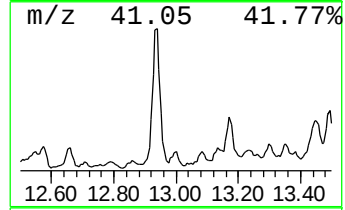
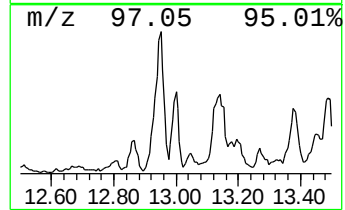
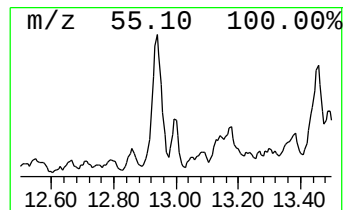
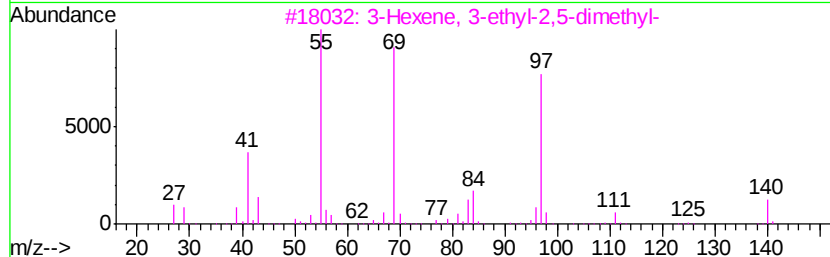
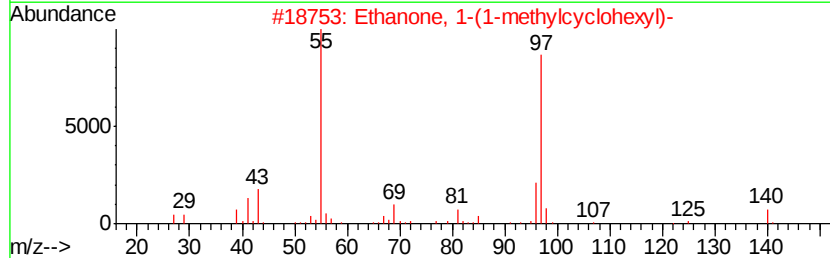
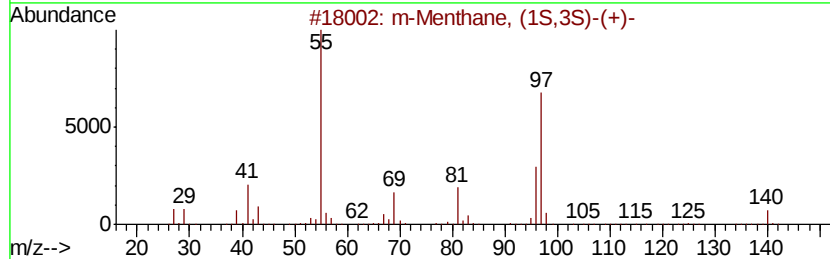
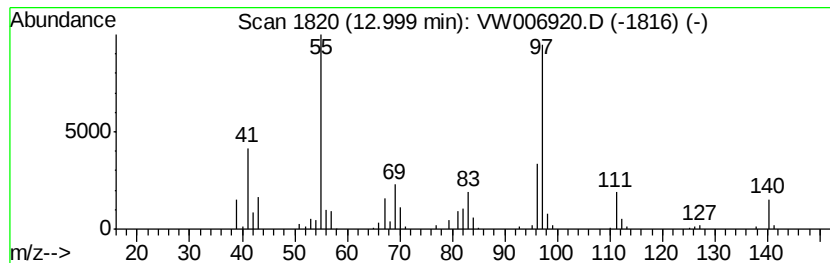
Instrument :
MSVOA_W
ClientSampleId :
ET100

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic13.00 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.30 ug/L	46475	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	m-Menthane, (1S,3S)-(+)-	140 C10H20	013837-67-7	64
2	Ethanone, 1-(1-methylcyclohexyl)-	140 C9H16O	002890-62-2	58
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140 C10H20	062338-08-3	58
4	Cyclohexane, 1-methyl-4-(1-methyl-...	140 C10H20	006069-98-3	58
5	Cyclohexane, 1-ethyl-1-methyl-	126 C9H18	004926-90-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ET100

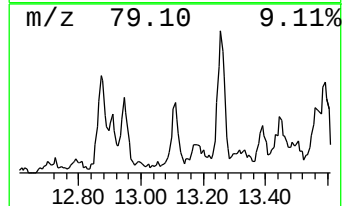
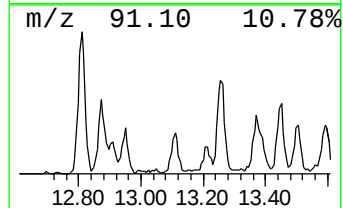
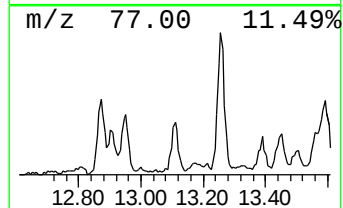
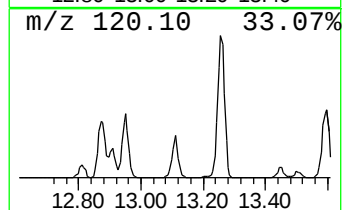
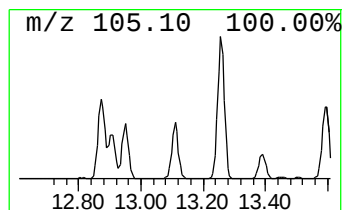
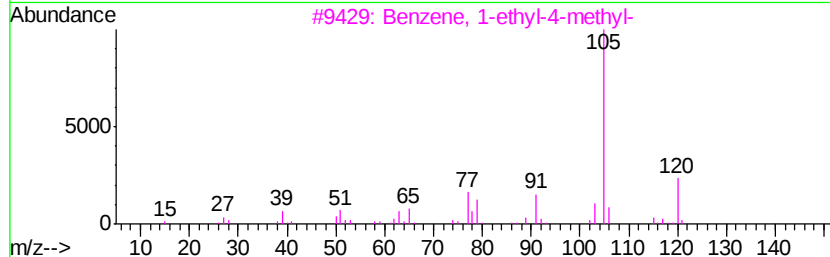
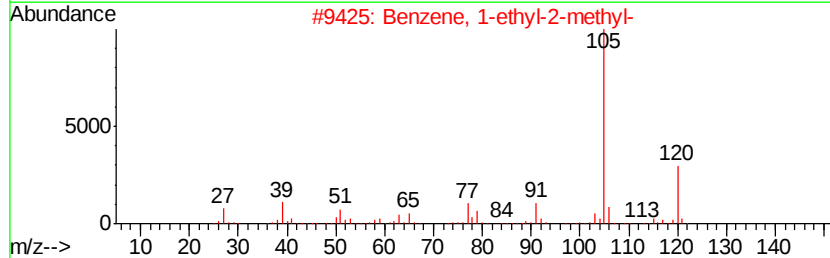
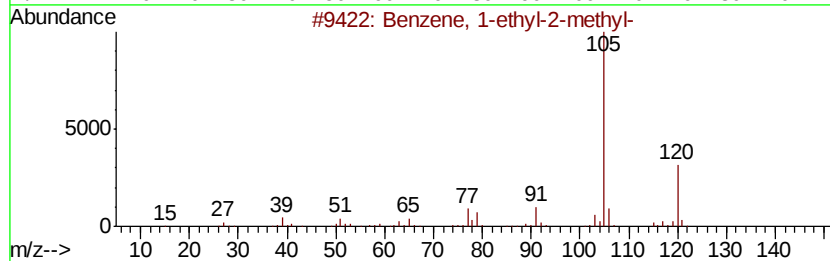
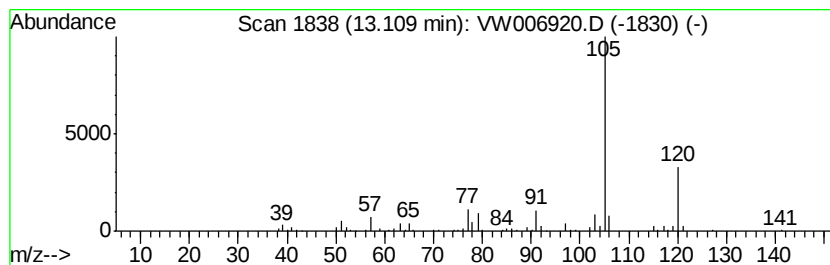
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	4.01 ug/L	81156	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

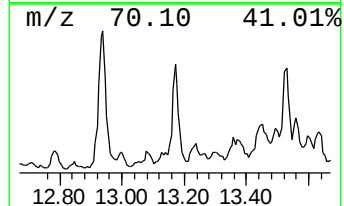
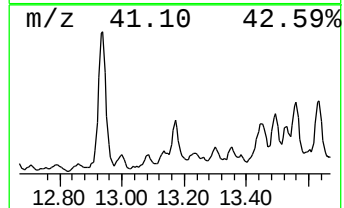
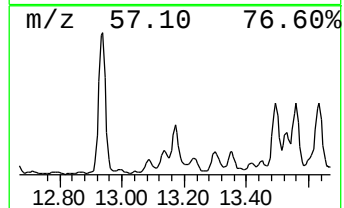
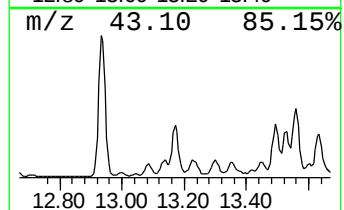
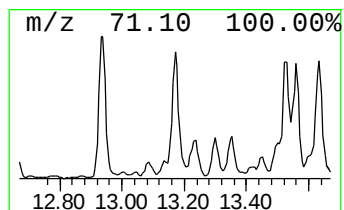
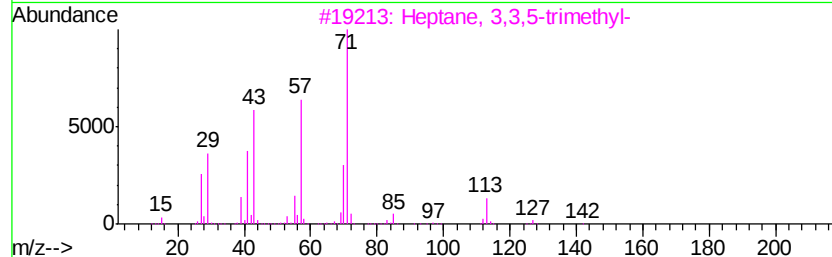
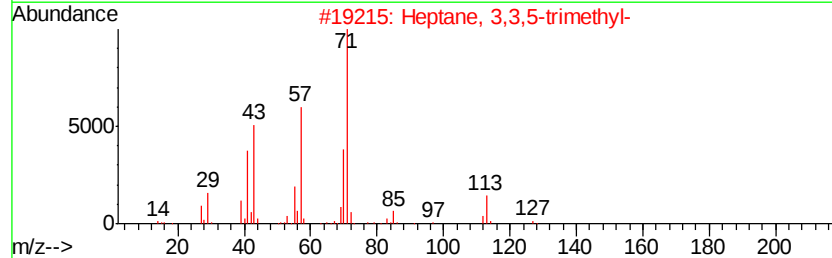
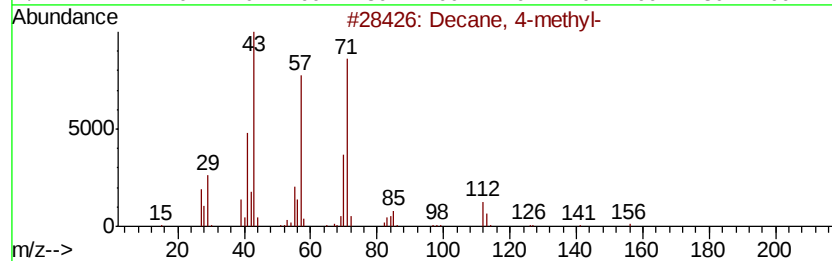
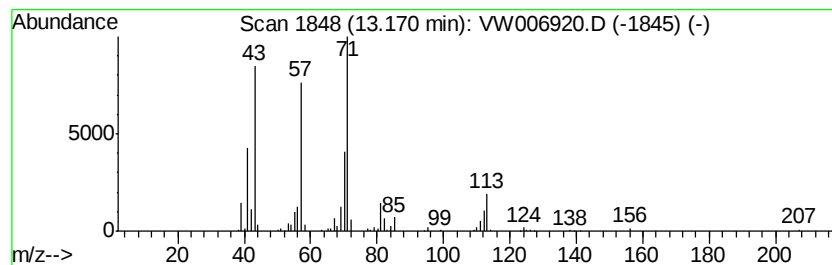
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	6.28 ug/L	126884	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	83
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

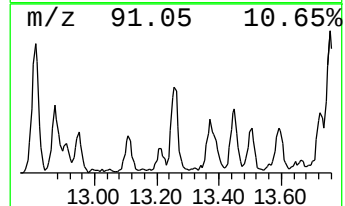
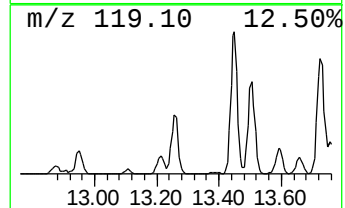
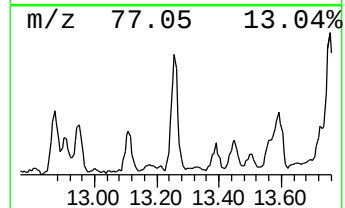
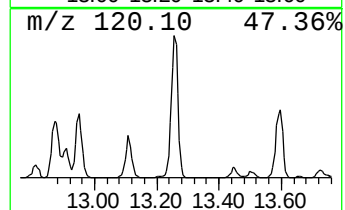
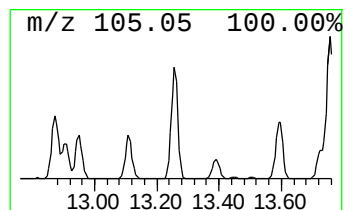
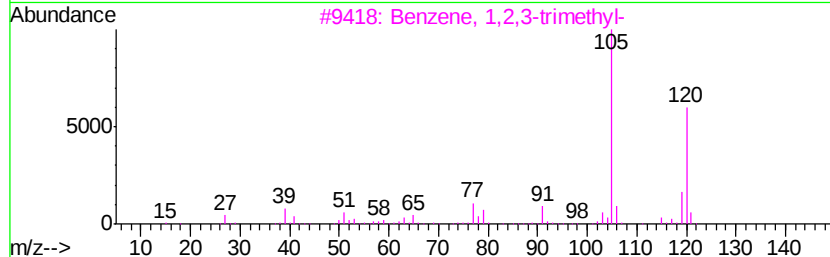
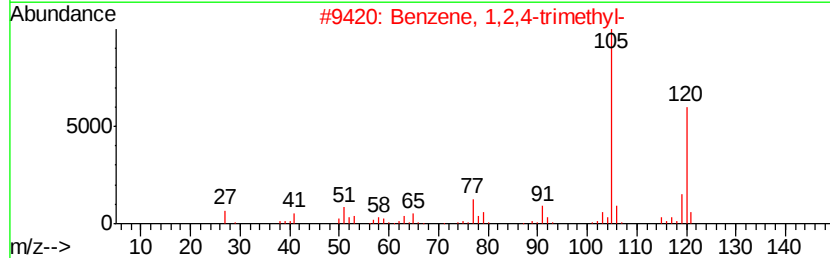
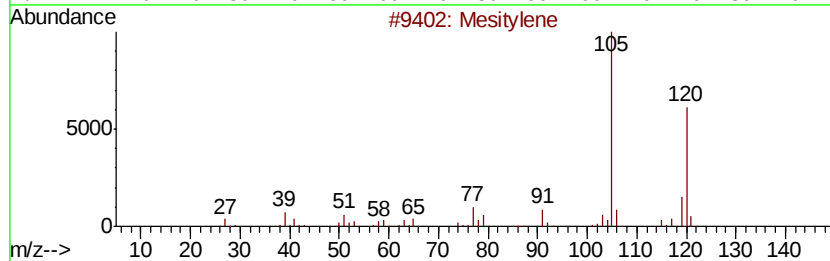
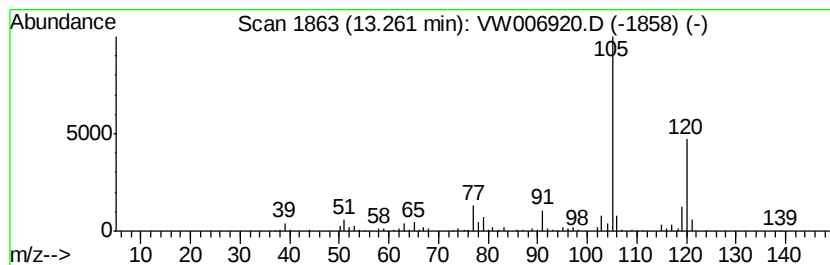
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 12 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.48 ug/L	131039	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006920.D
 Acq On : 16 Nov 2018 16:57
 Operator : SY/AP
 Sample : J5979-01
 Misc : 5.10G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ET100

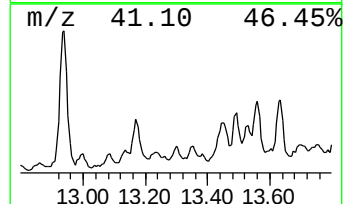
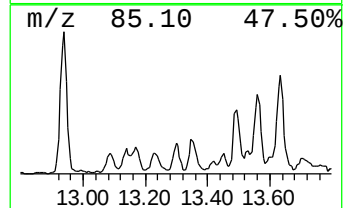
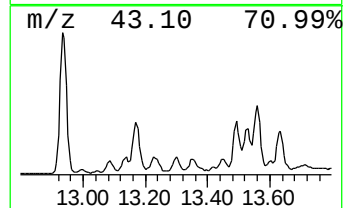
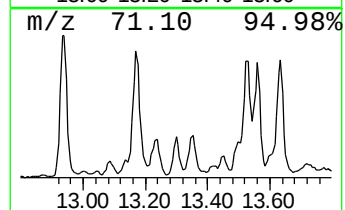
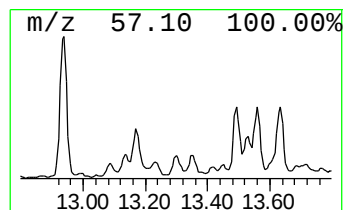
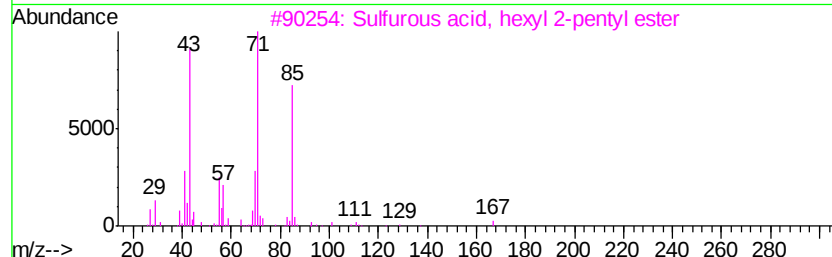
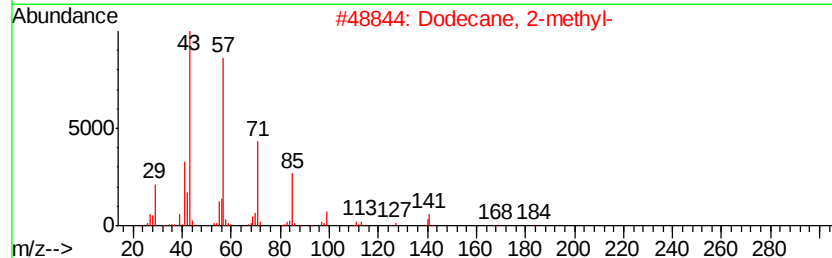
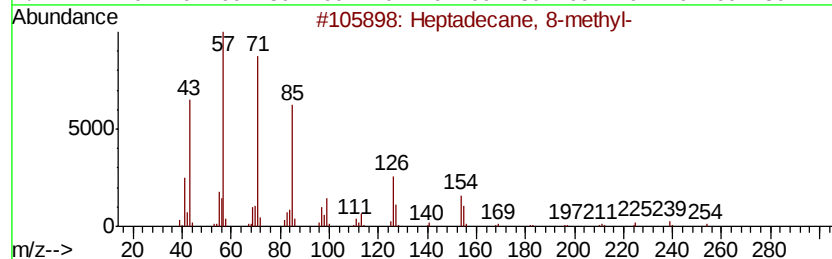
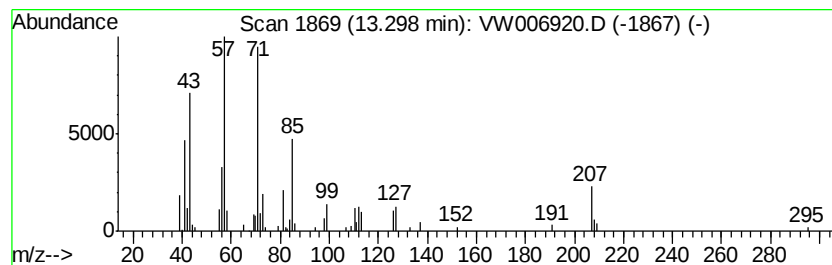
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis

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

 Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	1.34 ug/L	27014	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	58
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
3		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	43
4		Docosane	310	C22H46	000629-97-0	38
5		Heptadecane	240	C17H36	000629-78-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

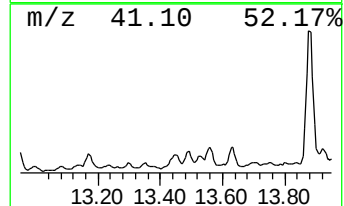
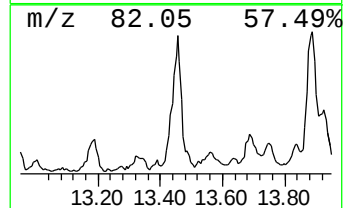
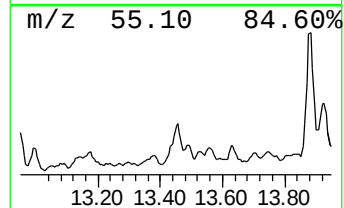
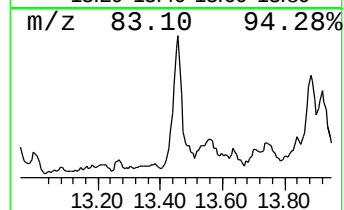
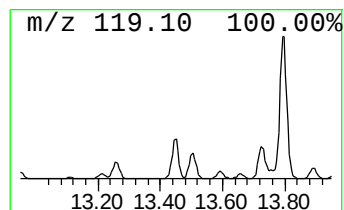
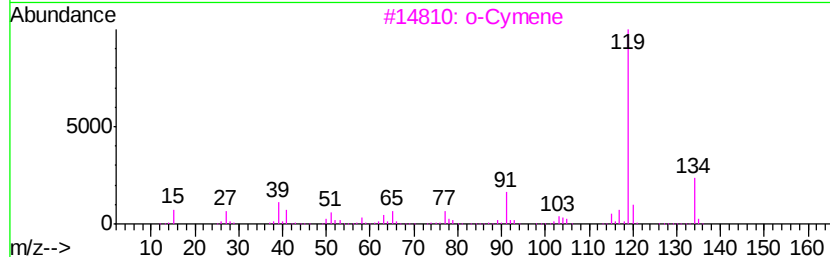
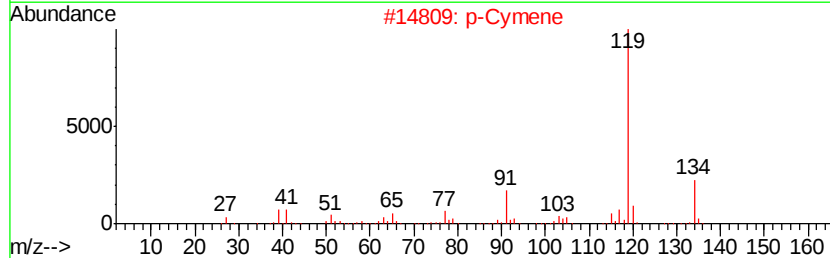
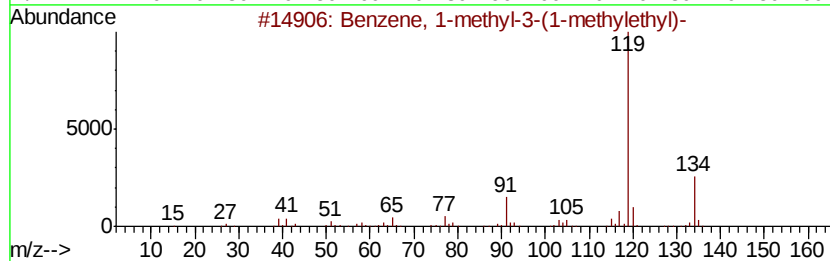
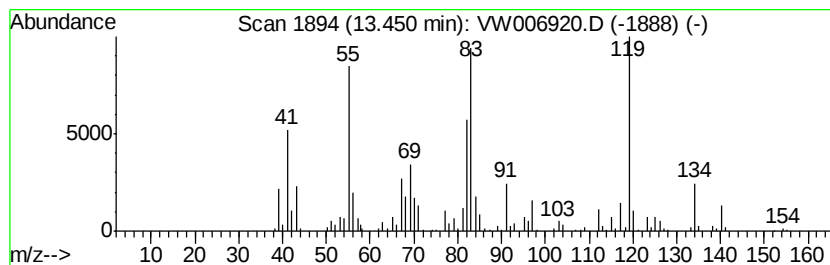
Instrument :
MSVOA_W
ClientSampleId :
ET100

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-methyl-3-(1-meth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	9.00 ug/L	182058	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	83
2	p-Cymene	134 C10H14	000099-87-6	80
3	o-Cymene	134 C10H14	000527-84-4	80
4	Benzene, 1-methyl-3-(1-methyleth...	134 C10H14	000535-77-3	80
5	o-Cymene	134 C10H14	000527-84-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

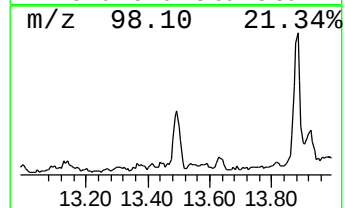
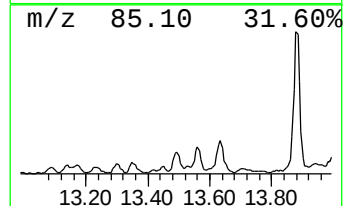
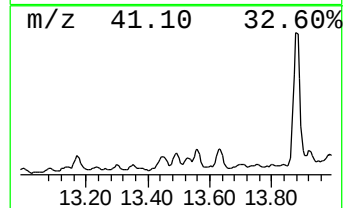
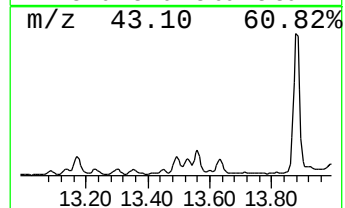
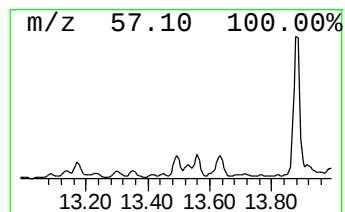
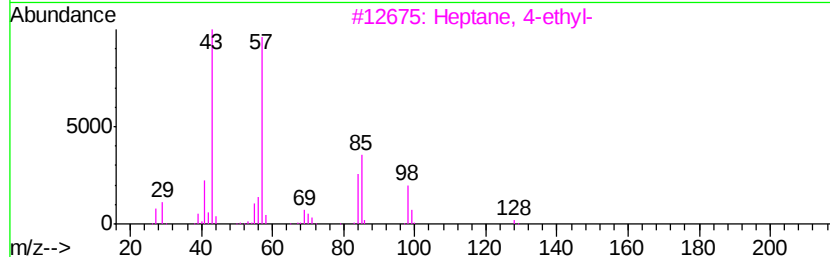
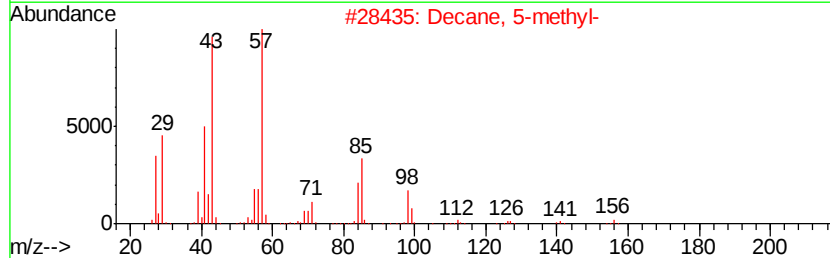
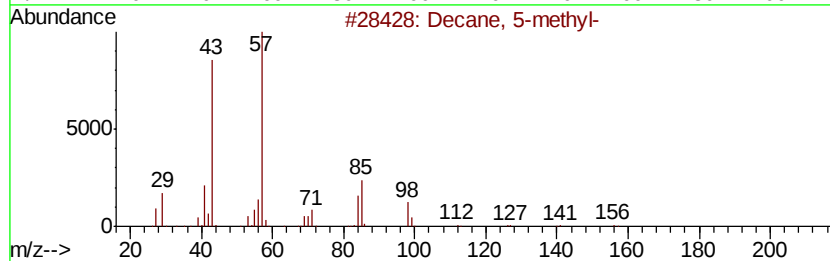
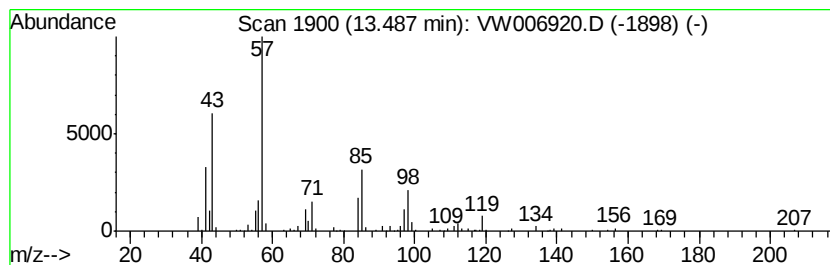
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	6.98 ug/L	141197	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	76
2			Decane, 5-methyl-	156	C11H24	013151-35-4	64
3			Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
4			Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

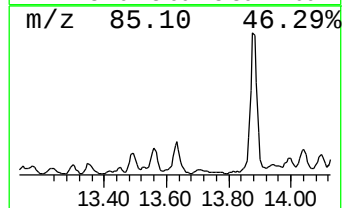
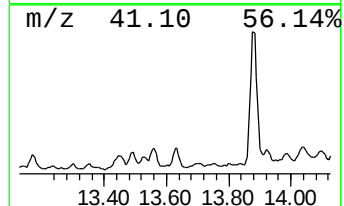
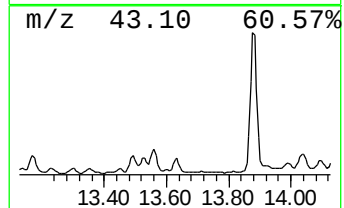
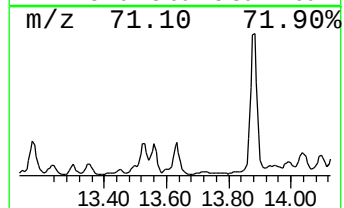
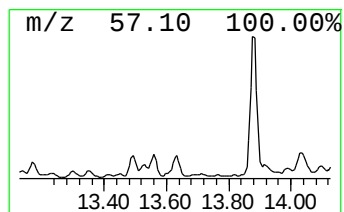
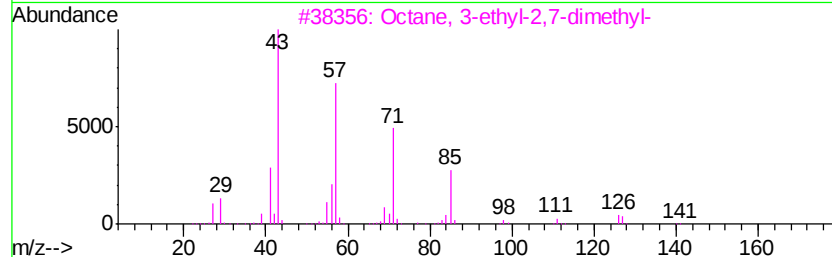
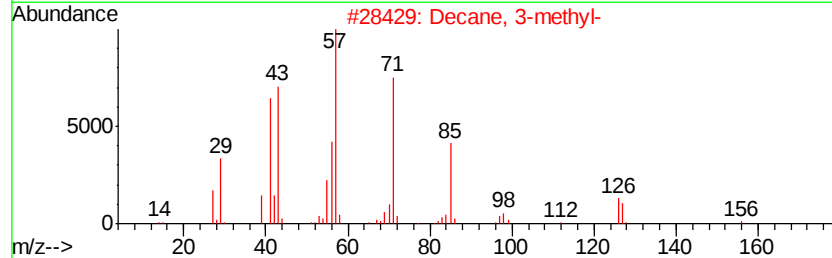
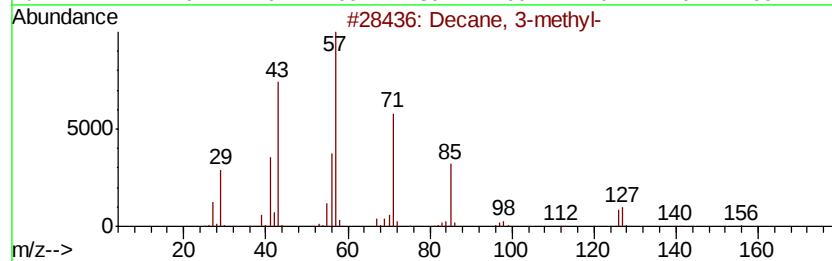
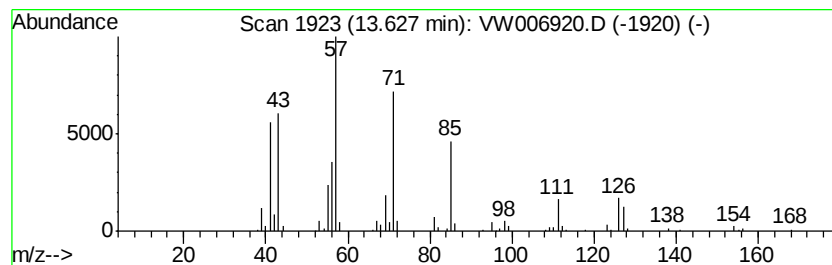
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.82 ug/L	137867	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	87
2			Decane, 3-methyl-	156	C11H24	013151-34-3	87
3			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

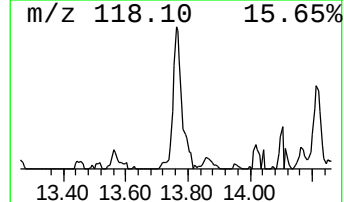
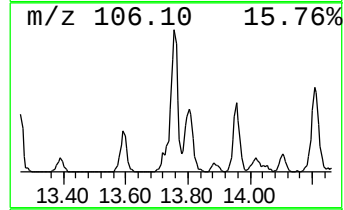
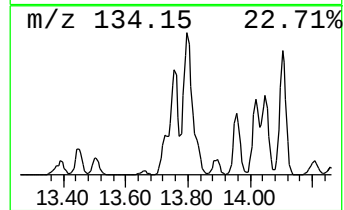
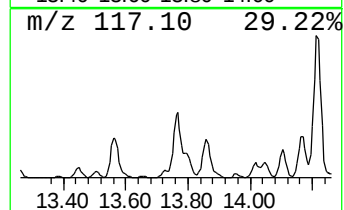
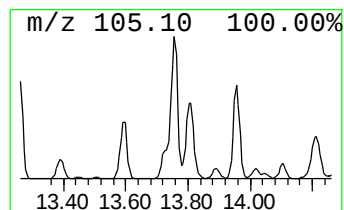
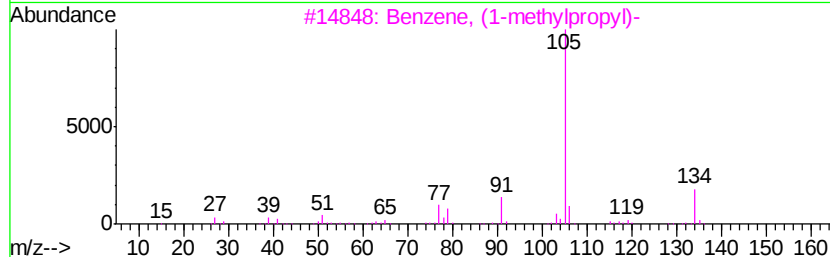
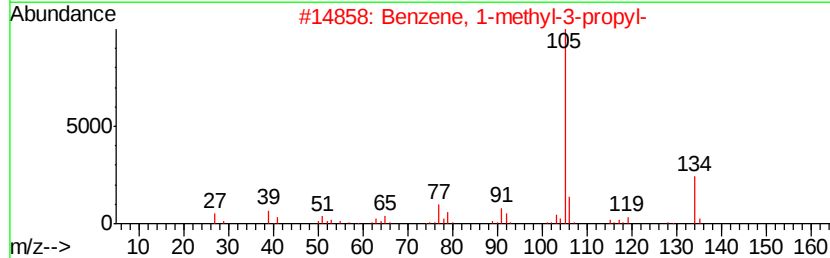
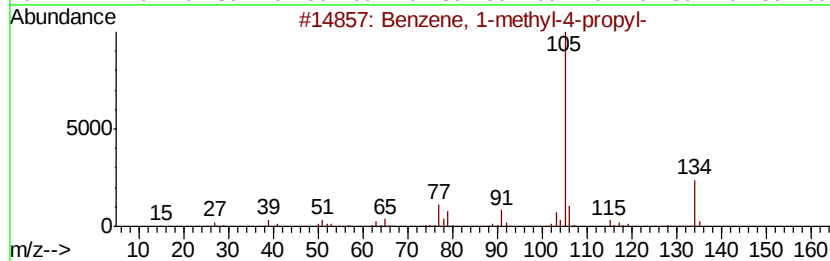
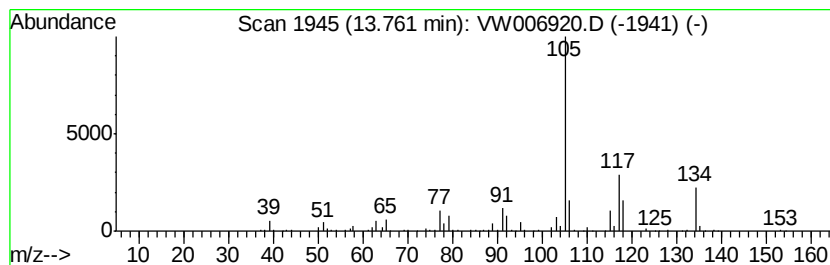
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.79 ug/L	117065	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
2		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
5		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

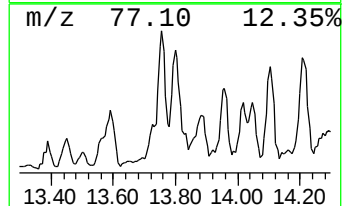
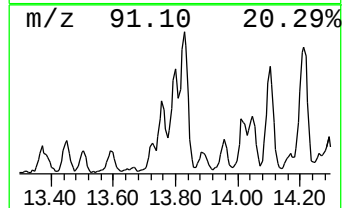
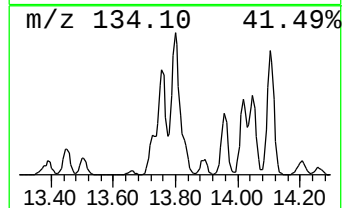
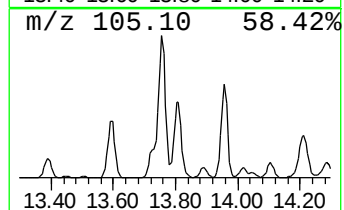
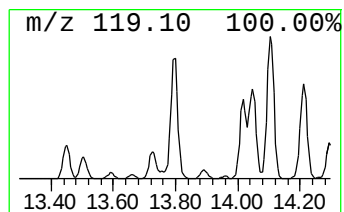
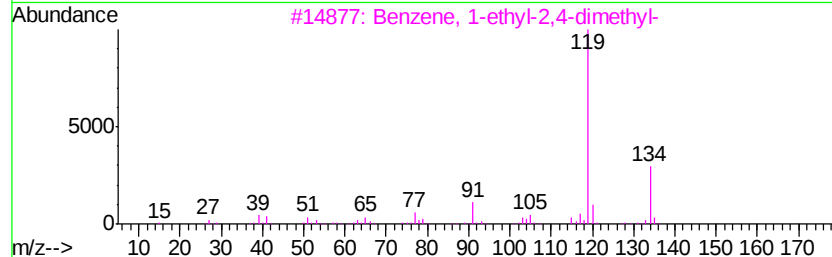
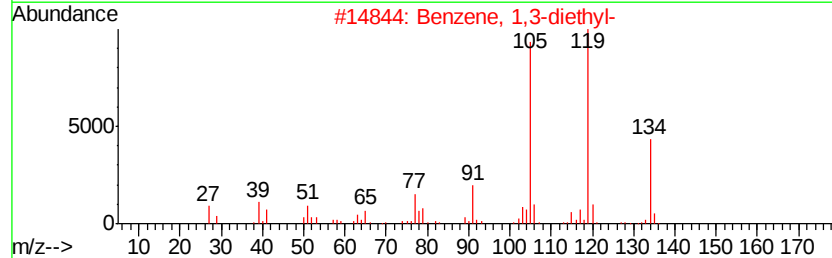
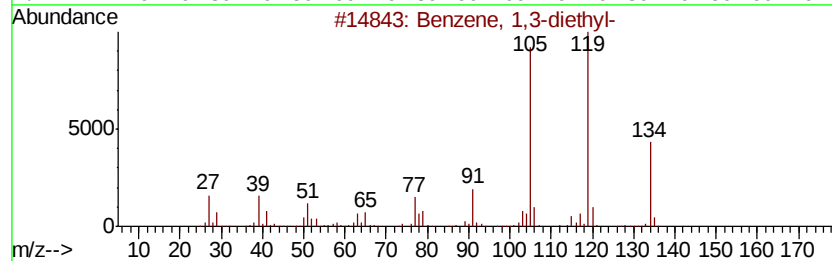
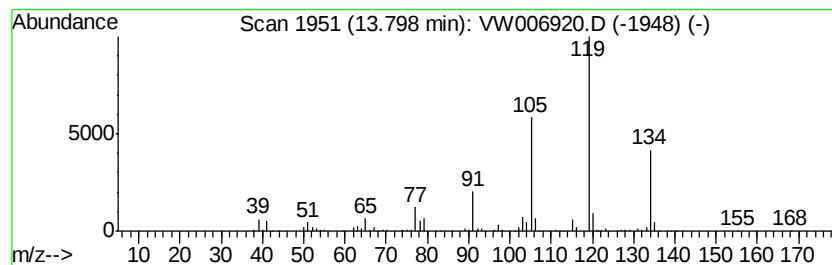
Instrument :
MSVOA_W
ClientSampled :
ET100

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1,3-diethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.44 ug/L	110071	1,4-Dichlorobenzene-d4	13.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 91
2		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 91
3		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 90
4		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 90
5		Benzene, 1-ethyl-2,4-dimethyl-	134 C10H14	000874-41-9 87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

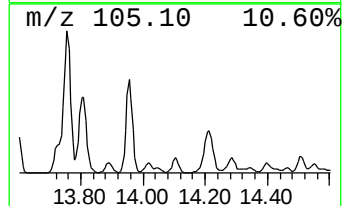
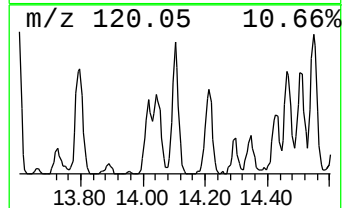
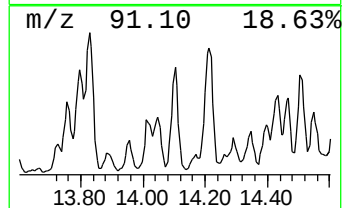
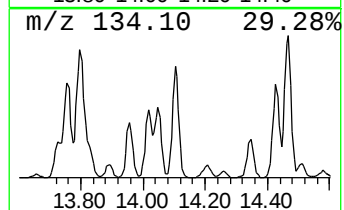
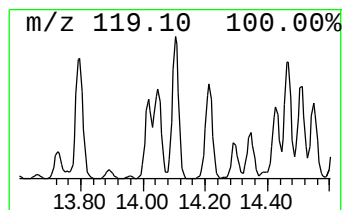
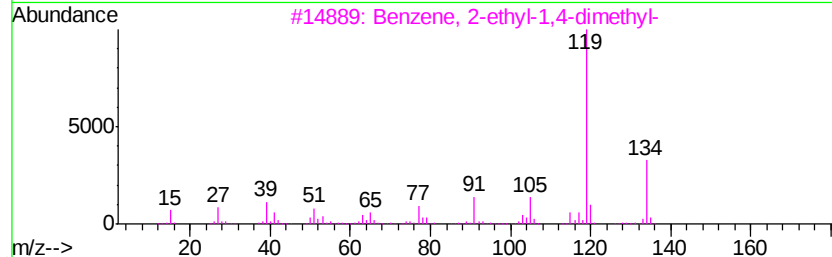
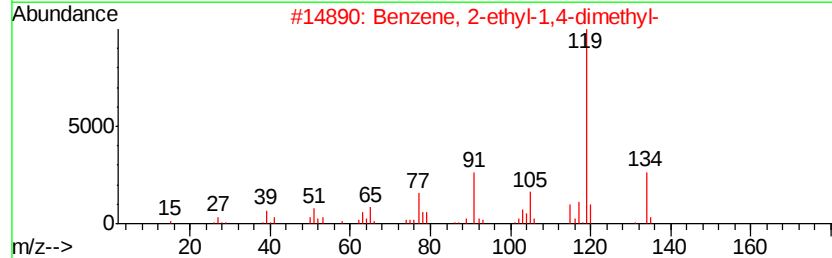
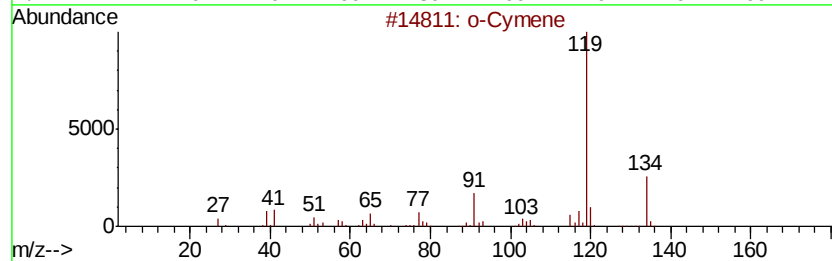
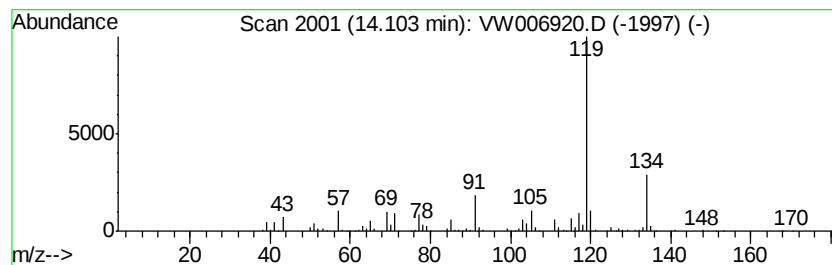
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 19 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	8.75 ug/L	176843	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	95
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4		o-Cymene	134	C10H14	000527-84-4	94
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

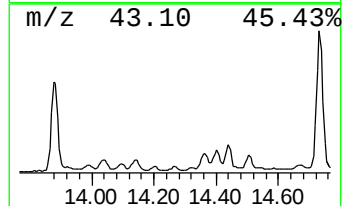
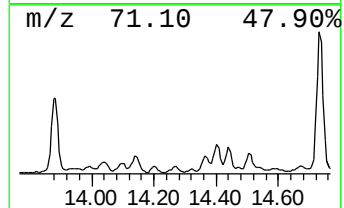
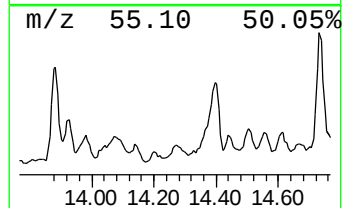
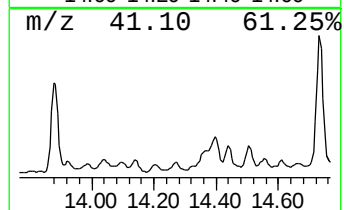
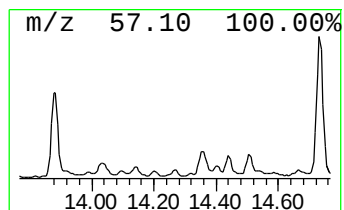
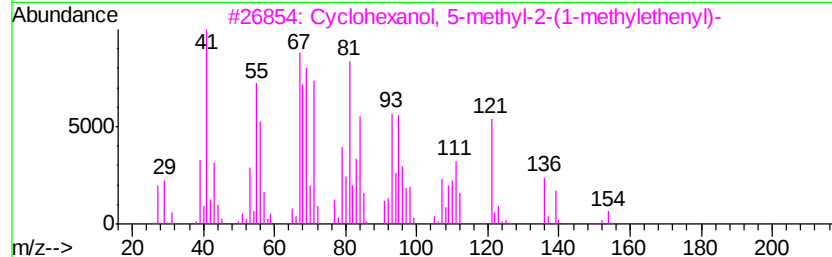
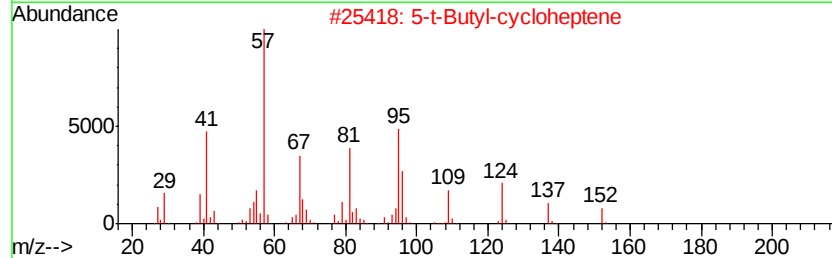
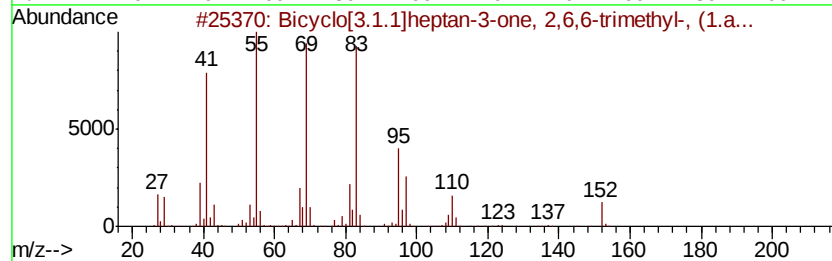
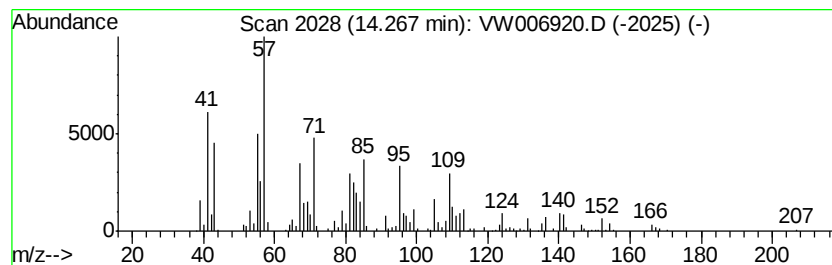
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 21 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	6.80 ug/L	137565	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	38
2			5-t-Butyl-cycloheptene	152	C11H20	1000189-30-7	30
3			Cyclohexanol, 5-methyl-2-(1-meth...	154	C10H18O	007786-67-6	27
4			Oxalic acid, cyclobutyl tridecyl...	326	C19H34O4	1000309-70-4	22
5			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

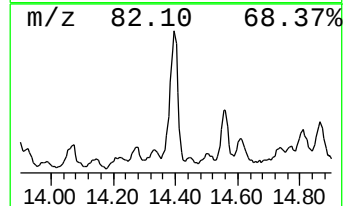
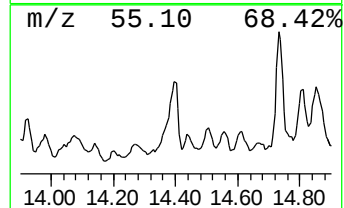
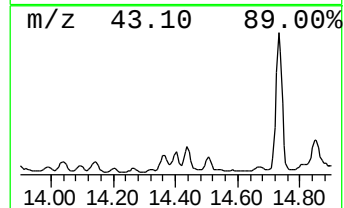
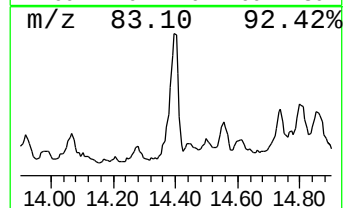
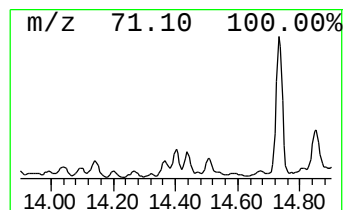
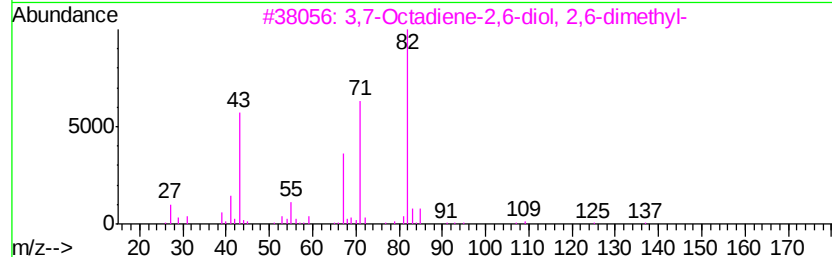
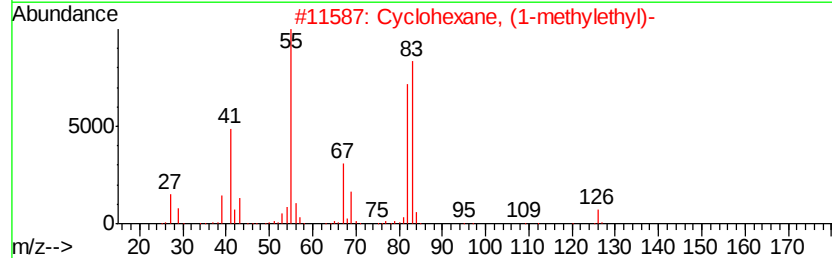
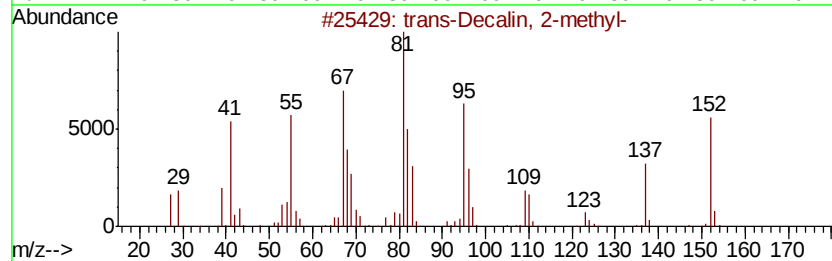
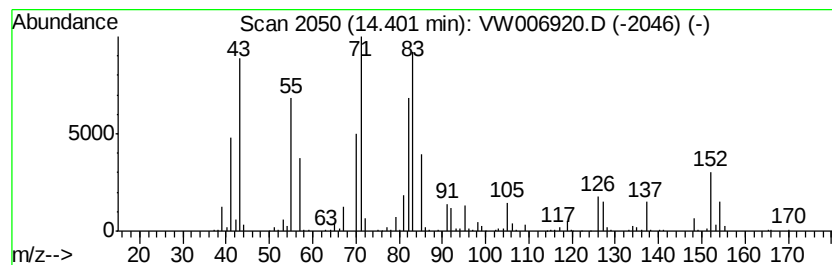
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 22 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	16.61 ug/L	335866	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	42
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
3		3,7-Octadiene-2,6-diol, 2,6-dime...	170	C10H18O2	013741-21-4	38
4		Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	38
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

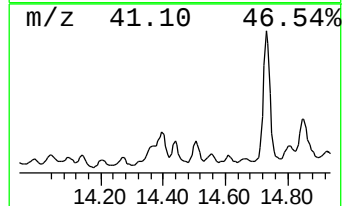
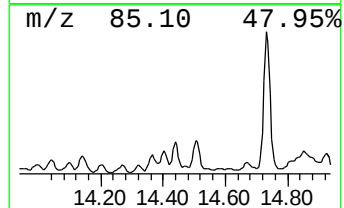
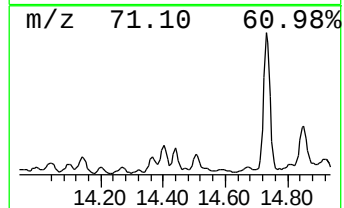
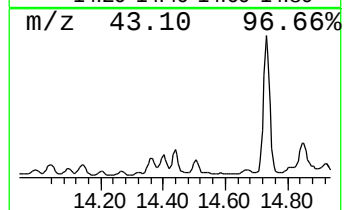
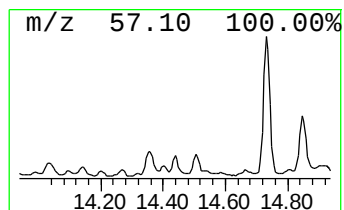
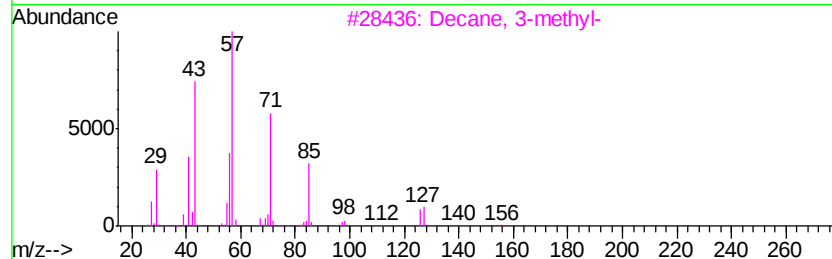
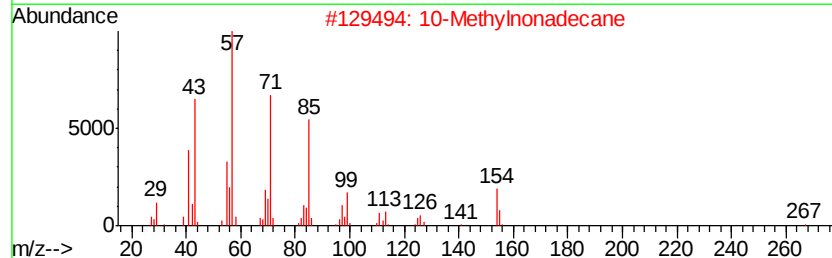
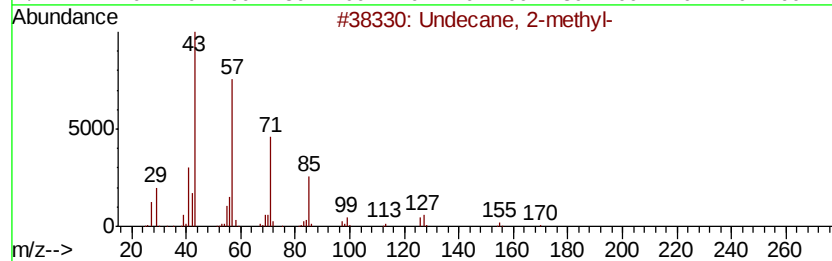
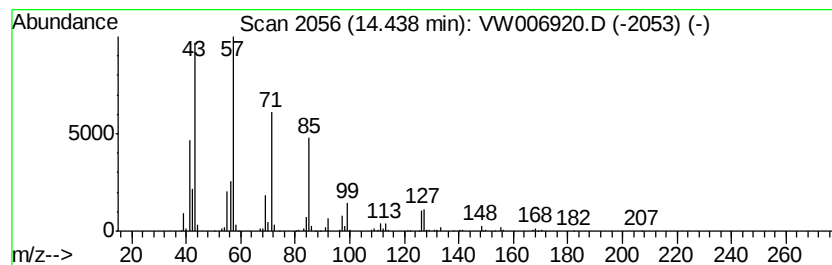
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	6.47 ug/L	130747	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2		10-Methylnonadecane	282	C20H42	056862-62-5	72
3		Decane, 3-methyl-	156	C11H24	013151-34-3	64
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

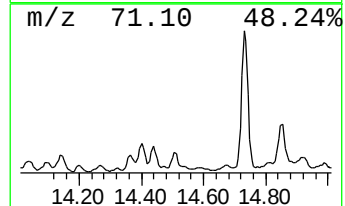
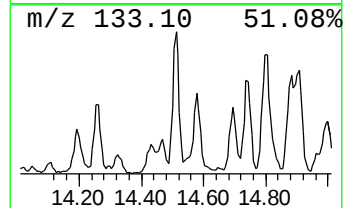
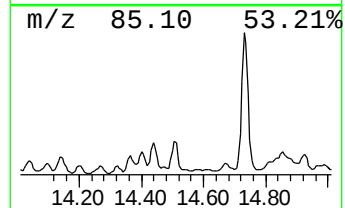
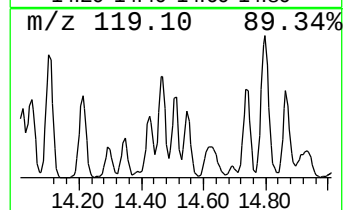
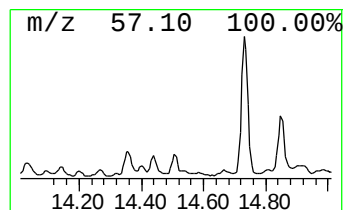
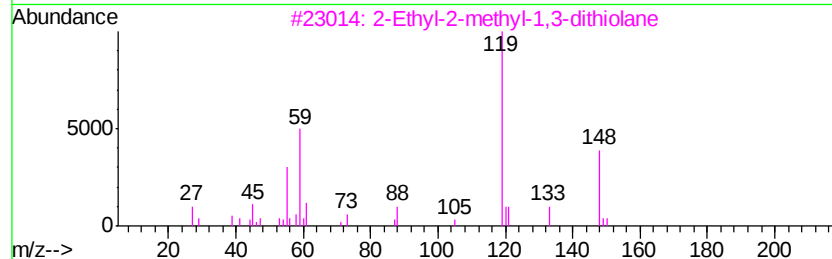
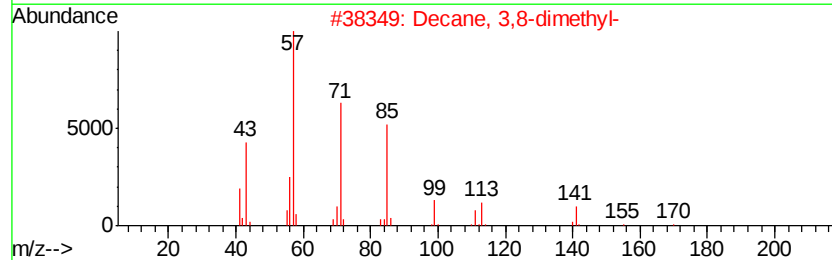
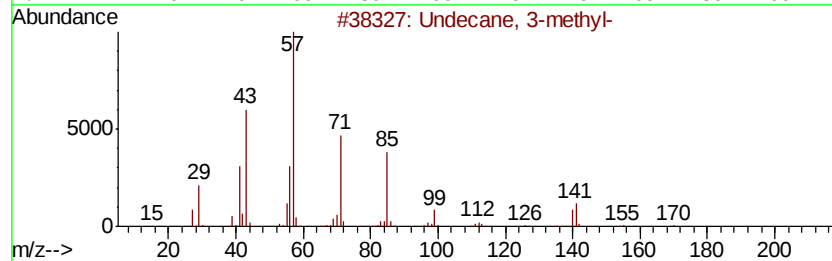
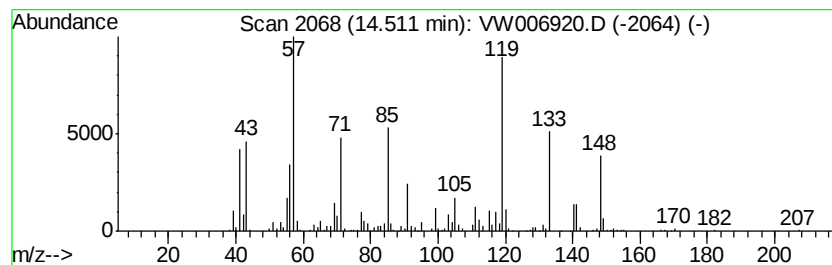
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	14.45 ug/L	292277	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	80
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
3		2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	30
4		Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	25
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

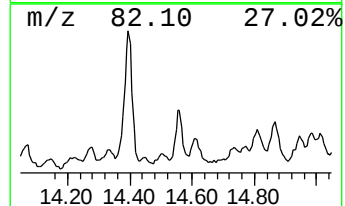
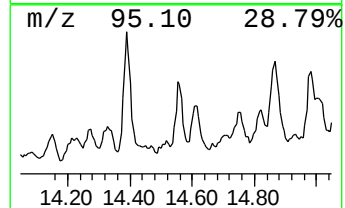
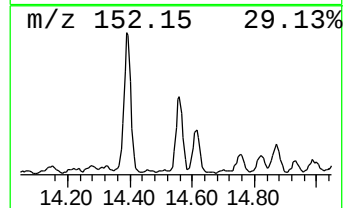
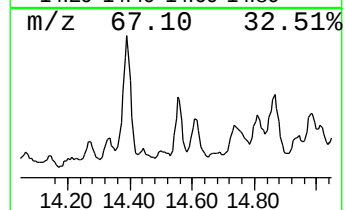
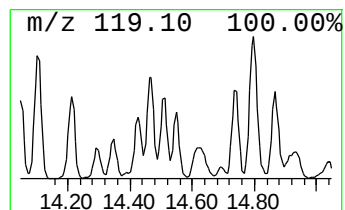
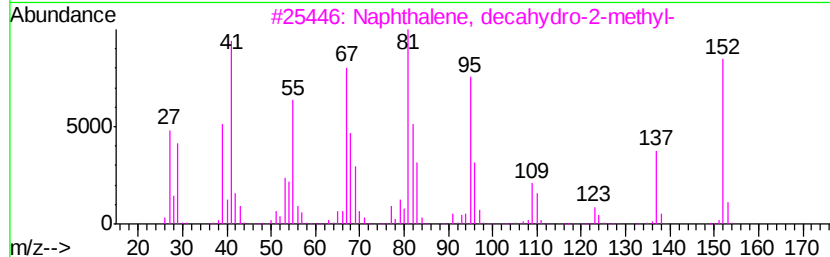
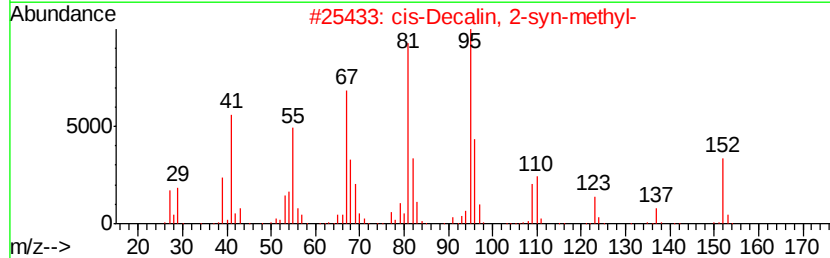
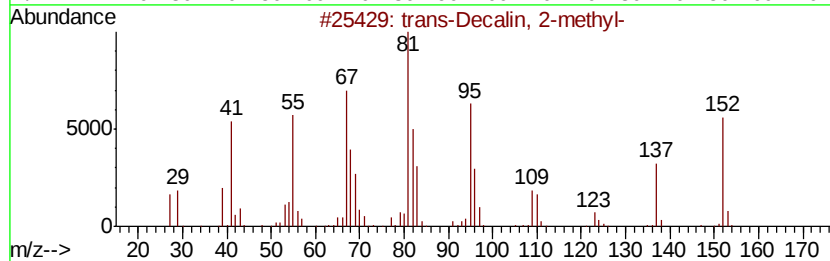
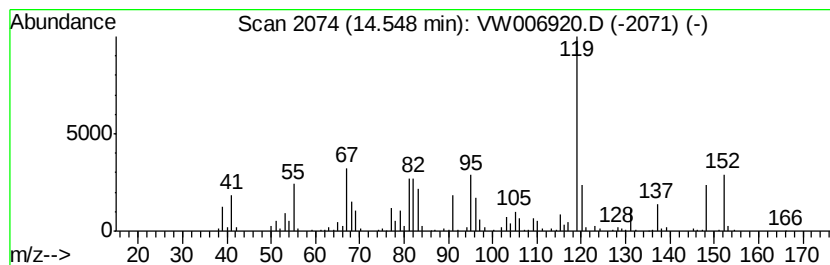
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 25 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	9.88 ug/L	199869	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	53
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	41
3		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	30
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	30
5		8-Oxabicyclo[3.2.1]oct-6-en-3-on...	152	C9H12O2	049747-05-9	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

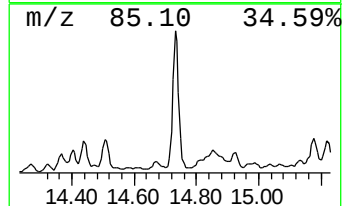
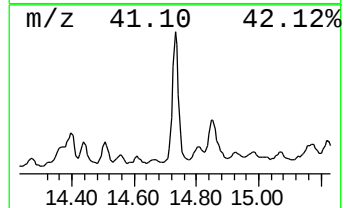
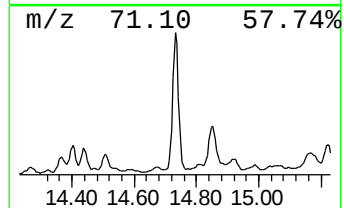
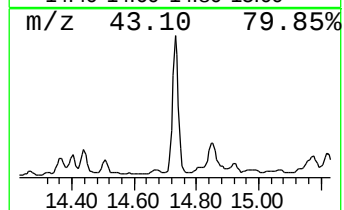
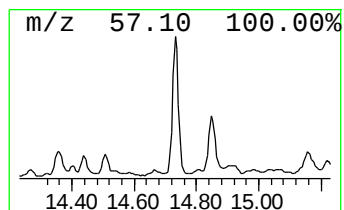
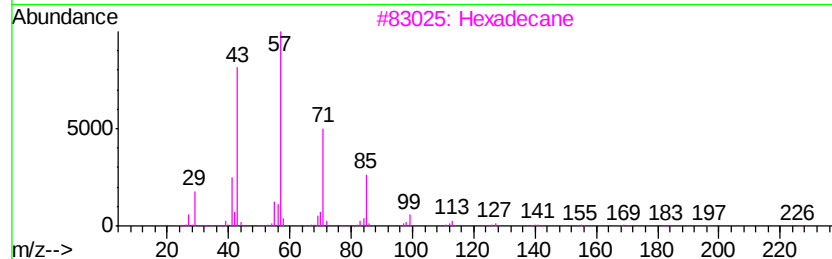
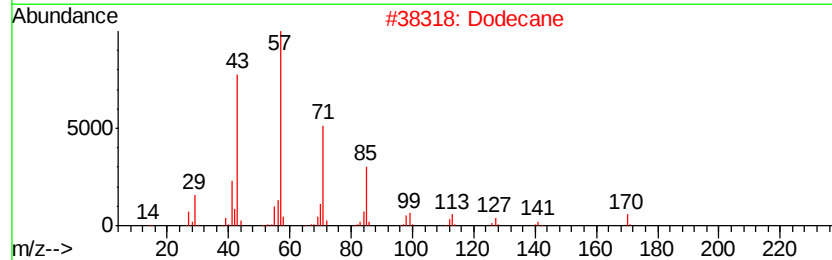
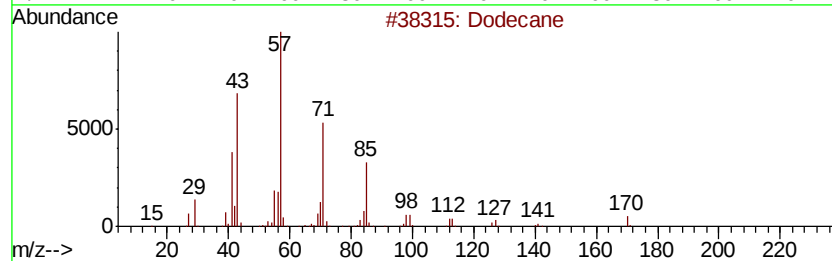
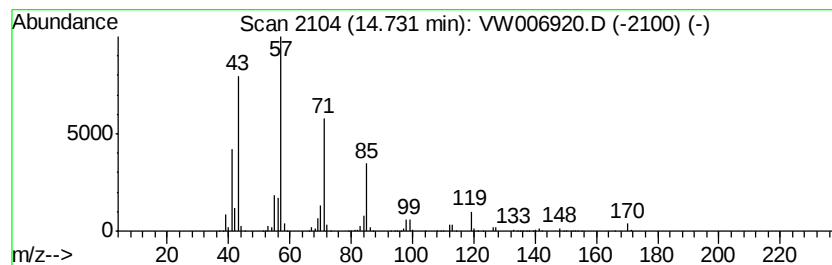
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	74.03 ug/L	1496850	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	91
2		Dodecane	170	C12H26	000112-40-3	87
3		Hexadecane	226	C16H34	000544-76-3	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

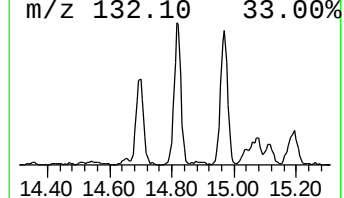
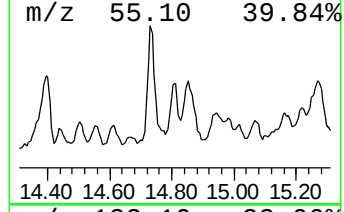
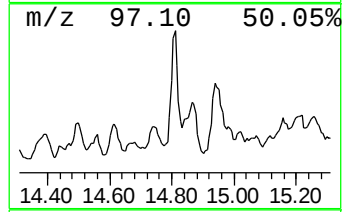
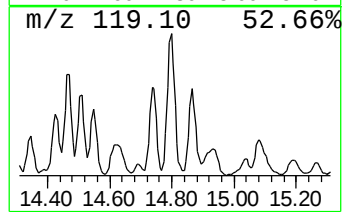
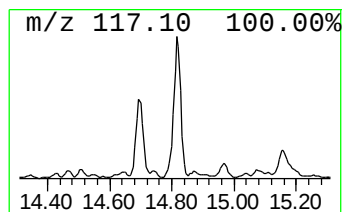
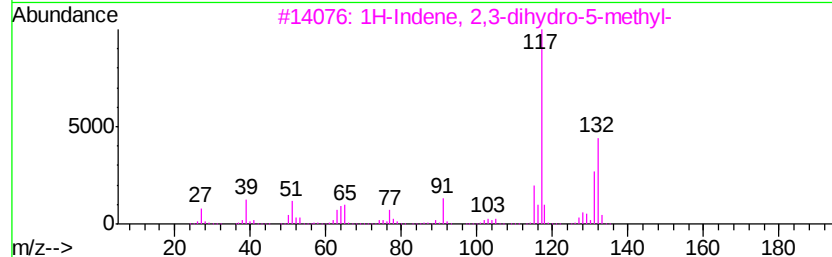
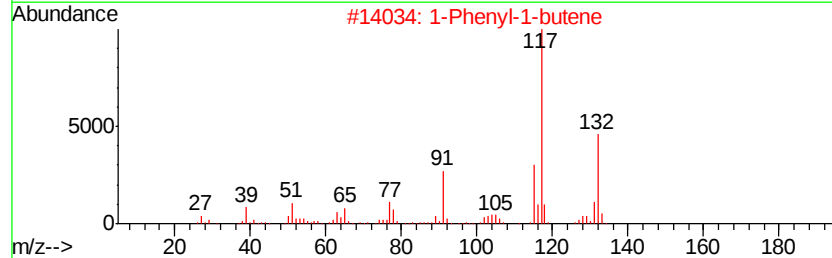
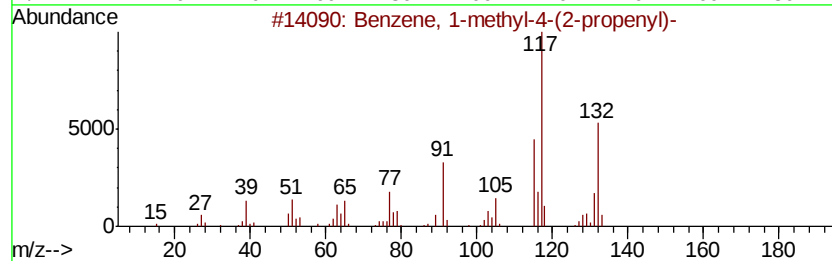
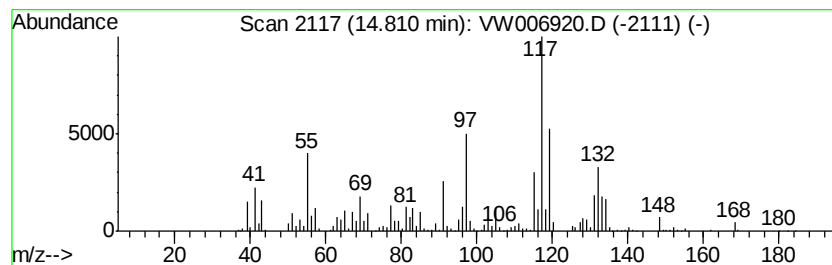
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 27 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	36.36 ug/L	735276	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	60
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

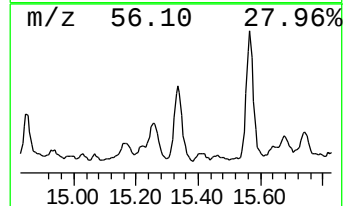
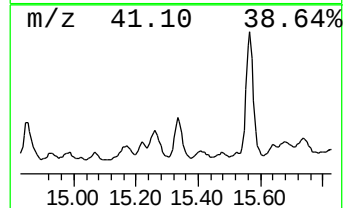
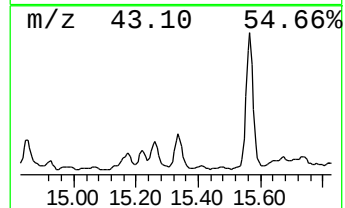
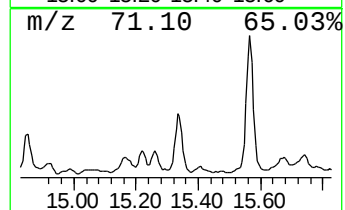
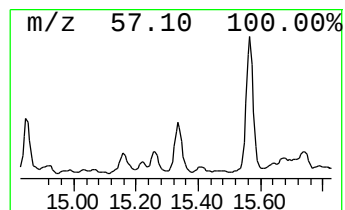
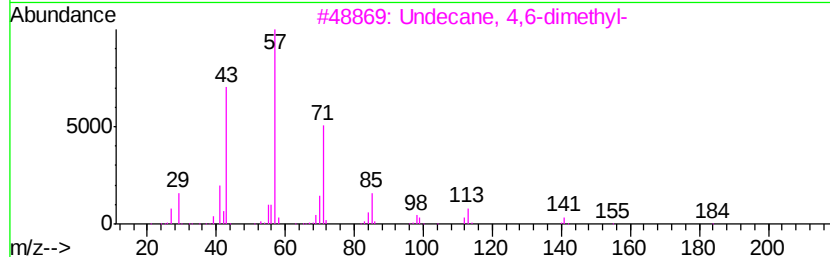
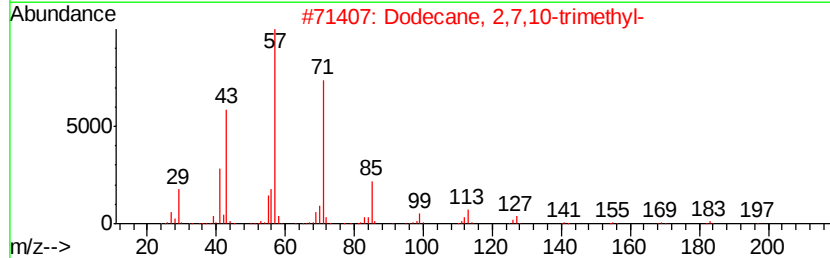
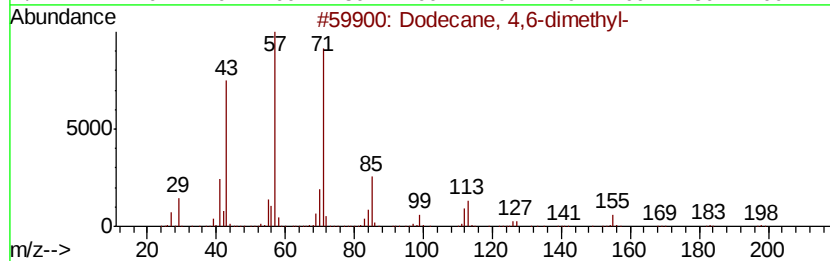
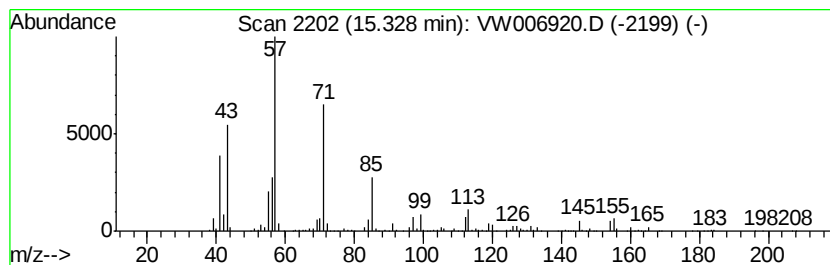
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	36.85 ug/L	745137	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	89
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4		Decane, 2-methyl-	156	C11H24	006975-98-0	64
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

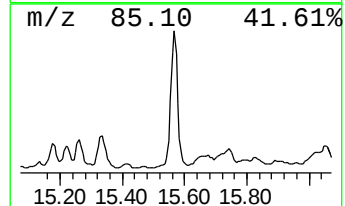
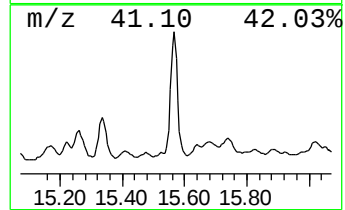
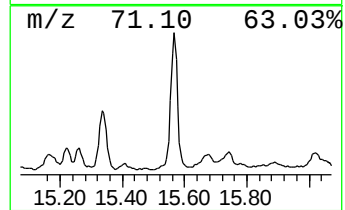
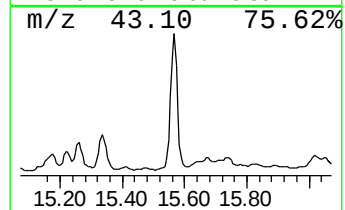
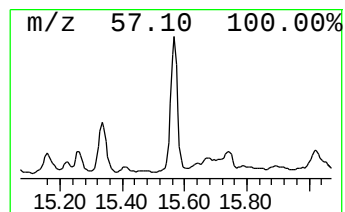
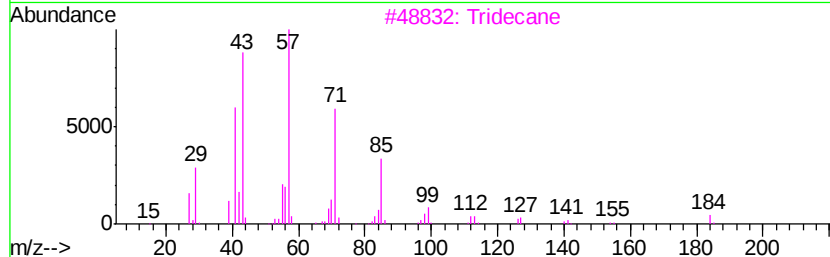
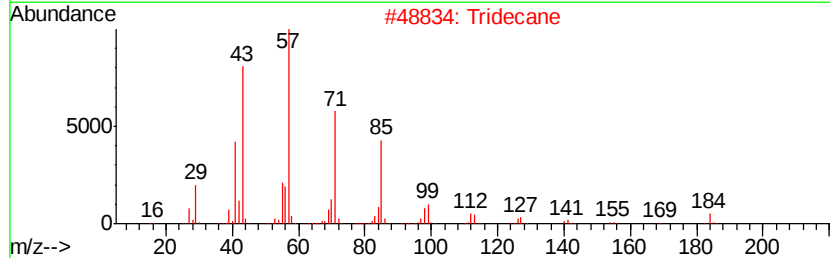
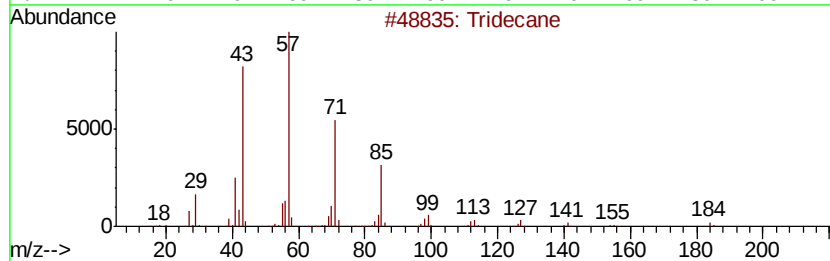
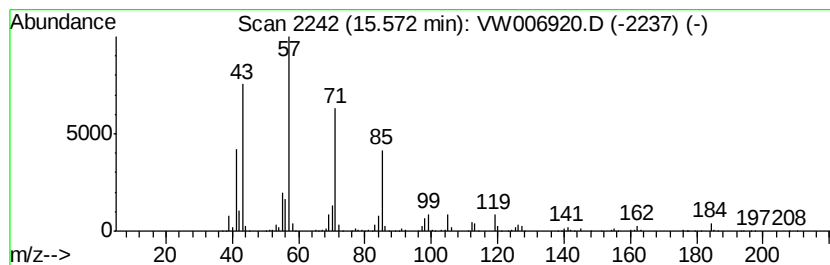
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	83.53 ug/L	1689040	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	97
2		Tridecane	184	C13H28	000629-50-5	96
3		Tridecane	184	C13H28	000629-50-5	94
4		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
5		Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

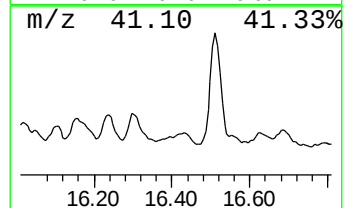
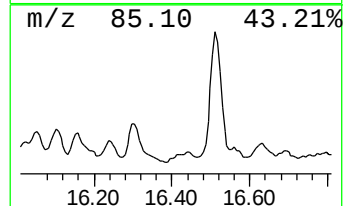
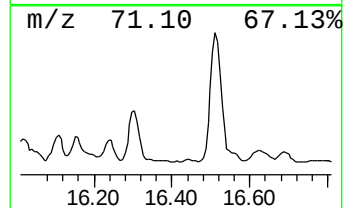
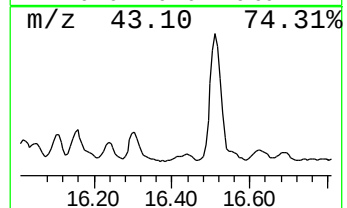
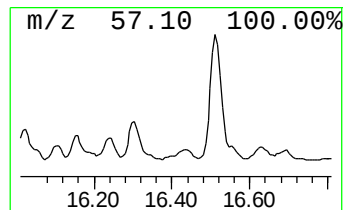
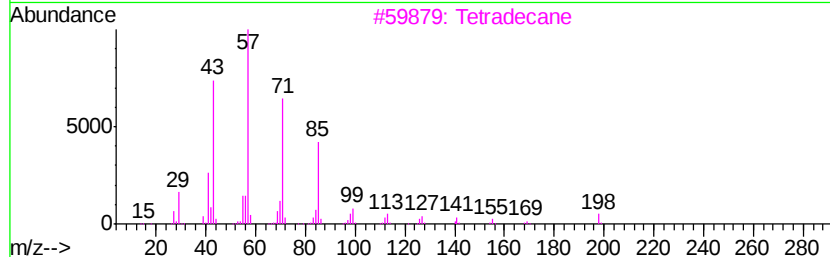
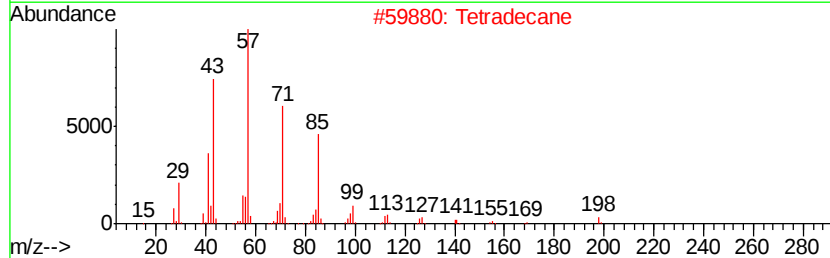
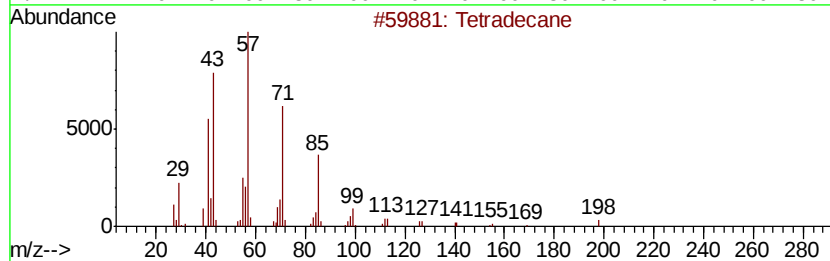
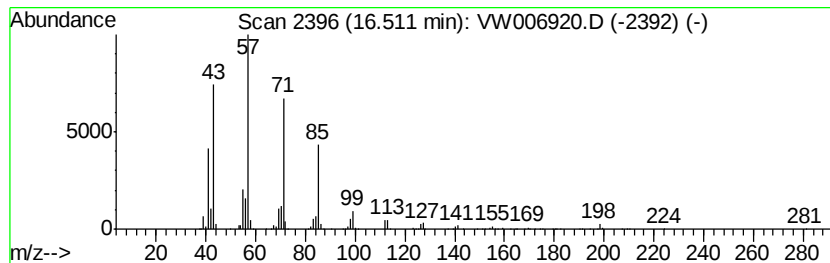
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	52.97 ug/L	1071090	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tetradecane	198	C14H30	000629-59-4	96
3		Tetradecane	198	C14H30	000629-59-4	91
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111618\
 Data File : VW006920.D
 Acq On : 16 Nov 2018 16:57
 Operator : SY/AP
 Sample : J5979-01
 Misc : 5.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ET100

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.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
(DEL) Alkane: Str...	11.41	1.3	ug/L	19337	2	11.63	386472	25.0
(DEL) Alkane: Str...	12.26	2.0	ug/L	30226	2	11.63	386472	25.0
1H-Indene, octahy...	12.79	1.8	ug/L	35911	3	13.57	505514	25.0
Benzene, 1-ethyl-...	12.87	5.2	ug/L	105689	3	13.57	505514	25.0
(DEL) Alkane: Str...	12.94	25.5	ug/L	515256	3	13.57	505514	25.0
(DEL) Alkane: Cyc...	13.00	2.3	ug/L	46475	3	13.57	505514	25.0
Benzene, 1-ethyl-...	13.11	4.0	ug/L	81156	3	13.57	505514	25.0
(DEL) Alkane: Str...	13.17	6.3	ug/L	126884	3	13.57	505514	25.0
Mesitylene	13.26	6.5	ug/L	131039	3	13.57	505514	25.0
(DEL) Alkane: Str...	13.30	1.3	ug/L	27014	3	13.57	505514	25.0
Benzene, 1-methyl...	13.45	9.0	ug/L	182058	3	13.57	505514	25.0
(DEL) Alkane: Str...	13.49	7.0	ug/L	141197	3	13.57	505514	25.0
(DEL) Alkane: Str...	13.63	6.8	ug/L	137867	3	13.57	505514	25.0
Benzene, 1-methyl...	13.76	5.8	ug/L	117065	3	13.57	505514	25.0
Benzene, 1,3-diet...	13.80	5.4	ug/L	110071	3	13.57	505514	25.0
o-Cymene	14.10	8.8	ug/L	176843	3	13.57	505514	25.0
unknown-01	14.27	6.8	ug/L	137565	3	13.57	505514	25.0
unknown-02	14.40	16.6	ug/L	335866	3	13.57	505514	25.0
(DEL) Alkane: Str...	14.44	6.5	ug/L	130747	3	13.57	505514	25.0
(DEL) Alkane: Str...	14.51	14.4	ug/L	292277	3	13.57	505514	25.0
trans-Decalin, 2-...	14.55	9.9	ug/L	199869	3	13.57	505514	25.0
(DEL) Alkane: Str...	14.73	74.0	ug/L	1496850	3	13.57	505514	25.0
Benzene, 1-methyl...	14.81	36.4	ug/L	735276	3	13.57	505514	25.0
(DEL) Alkane: Str...	15.33	36.9	ug/L	745137	3	13.57	505514	25.0
(DEL) Alkane: Str...	15.57	83.5	ug/L	1689040	3	13.57	505514	25.0
(DEL) Alkane: Str...	16.51	53.0	ug/L	1071090	3	13.57	505514	25.0