

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
 Data File : VW014040.D
 Acq On : 15 Nov 2019 14:54
 Operator : SY/VA
 Sample : K5811-03
 Misc : 4.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOP1

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\SOM2WLM111119S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.965	5	10	16	rVB5	5002	10344	0.05%	0.017%
2	2.154	36	41	49	rBV	19086	45198	0.23%	0.076%
3	2.349	65	73	84	rBV	95707	180938	0.91%	0.302%
4	2.623	116	118	125	rVB5	2860	3753	0.02%	0.006%
5	2.794	144	146	150	rVB4	1498	1511	0.01%	0.003%
6	2.885	154	161	177	rVB	65509	169540	0.86%	0.283%
7	2.989	177	178	180	rBV2	1164	1245	0.01%	0.002%
8	3.026	180	184	188	rBV7	2965	4508	0.02%	0.008%
9	3.111	195	198	202	rBV5	1355	2115	0.01%	0.004%
10	3.385	234	243	251	rBV4	5204	13999	0.07%	0.023%
11	4.019	335	347	360	rBV2	135235	448405	2.26%	0.750%
12	4.184	373	374	377	rVB2	858	652	0.00%	0.001%
13	4.379	399	406	407	rBV2	3392	5872	0.03%	0.010%
14	4.605	437	443	448	rBV3	1603	4237	0.02%	0.007%
15	4.928	483	496	509	rBV7	12093	54525	0.28%	0.091%
16	5.129	527	529	532	rVB	650	802	0.00%	0.001%
17	5.415	566	576	589	rBV2	58827	182595	0.92%	0.305%
18	5.940	651	662	674	rVB5	8246	25270	0.13%	0.042%
19	6.970	825	831	833	rBV3	3595	6671	0.03%	0.011%
20	7.074	840	848	852	rBV	46494	121279	0.61%	0.203%
21	7.165	852	863	893	rVB	7355933	19815210	100.00%	33.123%
22	7.641	931	941	961	rVB	218787	542718	2.74%	0.907%
23	7.811	967	969	974	rVB2	550	729	0.00%	0.001%
24	7.946	981	991	999	rVV8	4298	16061	0.08%	0.027%
25	8.019	1001	1003	1005	rVV2	1145	1363	0.01%	0.002%
26	8.037	1005	1006	1011	rVV2	1406	1244	0.01%	0.002%
27	8.074	1011	1012	1018	rVB3	512	622	0.00%	0.001%
28	8.153	1018	1025	1033	rBV5	3054	7837	0.04%	0.013%
29	8.275	1033	1045	1060	rVV2	433830	1318456	6.65%	2.204%
30	8.397	1063	1065	1066	rVV2	991	1017	0.01%	0.002%
31	8.433	1066	1071	1076	rVV7	1750	4744	0.02%	0.008%
32	8.494	1078	1081	1087	rVV4	1440	3173	0.02%	0.005%
33	8.573	1090	1094	1100	rVV7	2405	4976	0.03%	0.008%
34	8.695	1107	1114	1124	rVB3	6503	14129	0.07%	0.024%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
 Data File : VW014040.D
 Acq On : 15 Nov 2019 14:54
 Operator : SY/VA
 Sample : K5811-03
 Misc : 4.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOP1

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\SOM2WLM111119S.M
 Title : VOC Analysis

35	8.842	1127	1138	1147	rBV	313274	636162	3.21%	1.063%
36	8.909	1147	1149	1154	rVB3	558	643	0.00%	0.001%
37	9.092	1168	1179	1198	rBV	9059599	17879485	90.23%	29.888%
38	9.268	1200	1208	1216	rBV	284902	583732	2.95%	0.976%
39	9.518	1244	1249	1253	rBV5	1232	2291	0.01%	0.004%
40	9.585	1257	1260	1261	rBV2	843	681	0.00%	0.001%
41	9.604	1261	1263	1267	rVB4	877	954	0.00%	0.002%
42	9.659	1267	1272	1278	rVB6	2218	4966	0.03%	0.008%
43	9.744	1283	1286	1287	rBV2	1509	1730	0.01%	0.003%
44	9.896	1307	1311	1314	rBV5	969	1440	0.01%	0.002%
45	9.957	1315	1321	1326	rBV5	3713	6899	0.03%	0.012%
46	10.031	1326	1333	1340	rBV	152878	268076	1.35%	0.448%
47	10.201	1357	1361	1367	rBV5	3225	5833	0.03%	0.010%
48	10.323	1373	1381	1387	rBV	519863	939952	4.74%	1.571%
49	10.384	1387	1391	1398	rVB	54223	97901	0.49%	0.164%
50	10.500	1403	1410	1416	rVB2	14702	27697	0.14%	0.046%
51	10.573	1416	1422	1432	rBV	95038	172332	0.87%	0.288%
52	10.665	1432	1437	1439	rVV2	16134	27098	0.14%	0.045%
53	10.701	1439	1443	1448	rVV	38789	65803	0.33%	0.110%
54	10.762	1448	1453	1460	rVV3	13959	26389	0.13%	0.044%
55	10.860	1461	1469	1476	rVV	6331035	10727117	54.14%	17.932%
56	10.921	1476	1479	1487	rVB	170547	273597	1.38%	0.457%
57	11.061	1494	1502	1506	rBV2	31944	53907	0.27%	0.090%
58	11.110	1506	1510	1513	rVV	13187	19556	0.10%	0.033%
59	11.140	1513	1515	1517	rVV3	8273	10092	0.05%	0.017%
60	11.177	1517	1521	1525	rVV	18479	26448	0.13%	0.044%
61	11.225	1525	1529	1535	rVB2	34515	59043	0.30%	0.099%
62	11.280	1535	1538	1542	rVB4	5254	6777	0.03%	0.011%
63	11.335	1542	1547	1551	rVB3	11753	19001	0.10%	0.032%
64	11.433	1551	1563	1571	rVB4	42769	120023	0.61%	0.201%
65	11.512	1571	1576	1581	rBV2	20181	33977	0.17%	0.057%
66	11.555	1581	1583	1587	rVB4	3153	3651	0.02%	0.006%
67	11.628	1588	1595	1605	rBV	334620	583179	2.94%	0.975%
68	11.731	1605	1612	1621	rBV	153915	292672	1.48%	0.489%
69	11.835	1621	1629	1639	rBV	648523	1230227	6.21%	2.056%
70	11.975	1647	1652	1658	rBV8	8263	17883	0.09%	0.030%
71	12.042	1658	1663	1671	rVB6	9812	24531	0.12%	0.041%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
 Data File : VW014040.D
 Acq On : 15 Nov 2019 14:54
 Operator : SY/VA
 Sample : K5811-03
 Misc : 4.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOP1

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\SOM2WLM111119S.M
 Title : VOC Analysis

72	12.164	1671	1683	1691	rBV	375943	721621	3.64%	1.206%
73	12.250	1694	1697	1701	rVB2	34784	47358	0.24%	0.079%
74	12.298	1701	1705	1706	rBV3	10957	13459	0.07%	0.022%
75	12.359	1707	1715	1723	rVB5	34647	117452	0.59%	0.196%
76	12.609	1751	1756	1760	rVB	51807	78284	0.40%	0.131%
77	12.646	1760	1762	1764	rBV3	6498	6429	0.03%	0.011%
78	12.689	1764	1769	1775	rVB	166514	275379	1.39%	0.460%
79	12.780	1779	1784	1790	rVB3	51185	98455	0.50%	0.165%
80	12.859	1790	1797	1801	rBV7	24211	52184	0.26%	0.087%
81	12.932	1802	1809	1816	rBV4	79543	158759	0.80%	0.265%
82	13.079	1829	1833	1836	rBV5	14466	21139	0.11%	0.035%
83	13.164	1843	1847	1855	rVB3	35632	60836	0.31%	0.102%
84	13.256	1858	1862	1864	rVV2	10797	15981	0.08%	0.027%
85	13.292	1865	1868	1872	rVB3	17552	23360	0.12%	0.039%
86	13.554	1906	1911	1919	rVB	186793	308172	1.56%	0.515%
87	13.853	1954	1960	1972	rBV	172601	330049	1.67%	0.552%
88	14.066	1991	1995	2004	rVB2	29319	59118	0.30%	0.099%
89	14.201	2012	2017	2023	rBV9	7396	14123	0.07%	0.024%
90	14.322	2034	2037	2042	rBV6	6591	10419	0.05%	0.017%
91	14.499	2062	2066	2068	rBV4	2985	3502	0.02%	0.006%
92	14.719	2094	2102	2109	rBV6	13321	27676	0.14%	0.046%
93	14.786	2111	2113	2114	rBV2	4581	3942	0.02%	0.007%
94	14.902	2130	2132	2133	rBV2	1458	1085	0.01%	0.002%
95	14.963	2138	2142	2145	rVV6	3403	5890	0.03%	0.010%
96	15.322	2198	2201	2204	rBV4	6295	9688	0.05%	0.016%
97	15.438	2215	2220	2225	rVB	25292	42171	0.21%	0.070%
98	15.554	2234	2239	2247	rVB	16528	28673	0.14%	0.048%
99	16.133	2332	2334	2336	rBV2	2940	3719	0.02%	0.006%
100	16.377	2368	2374	2380	rBV9	7718	16161	0.08%	0.027%

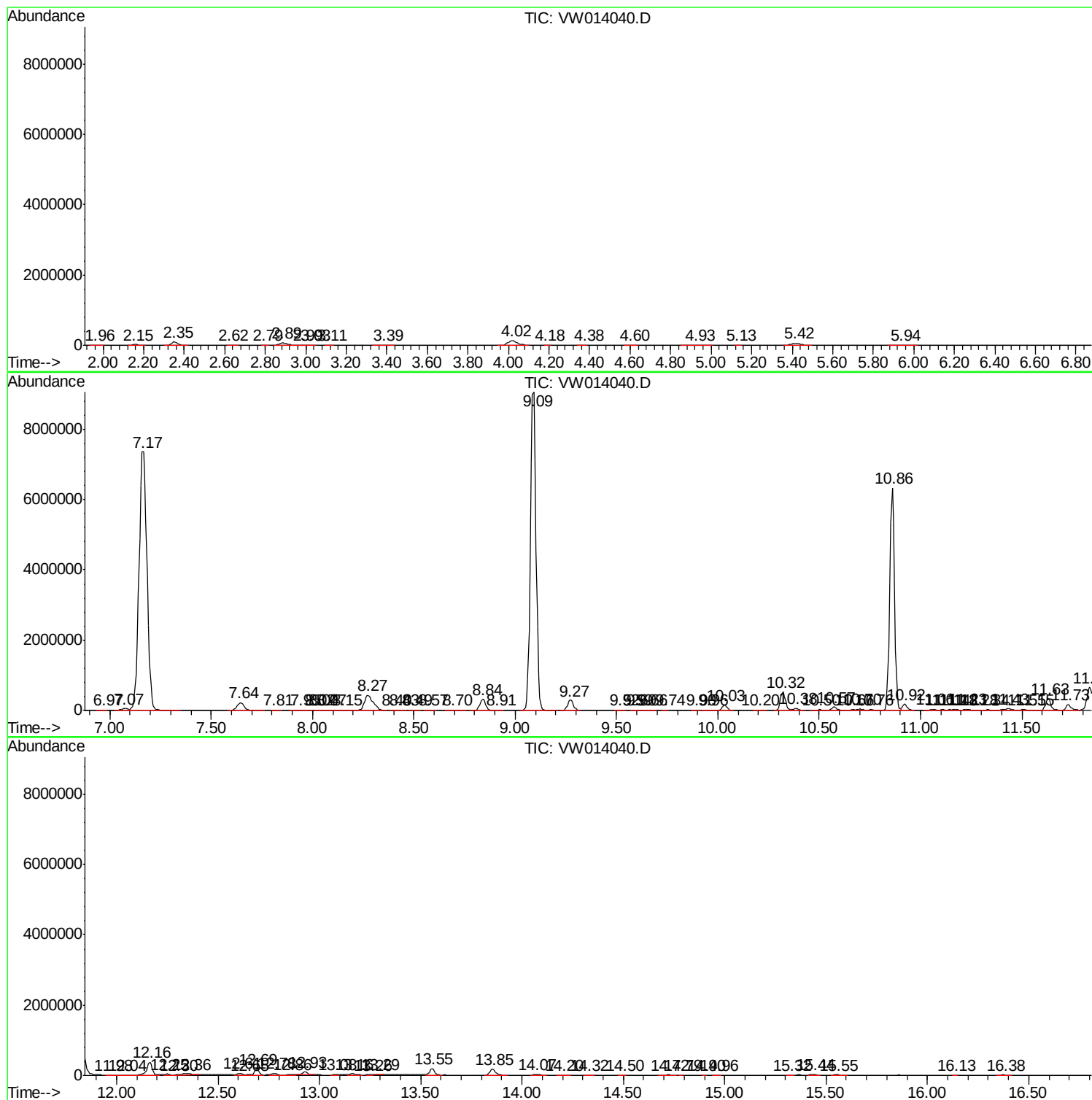
Sum of corrected areas: 59822567

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

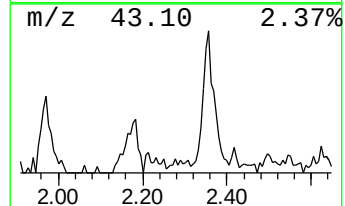
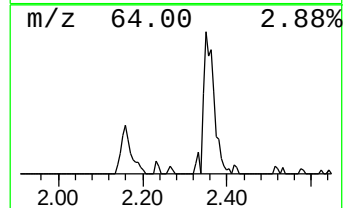
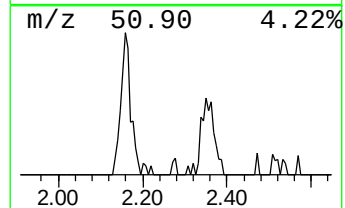
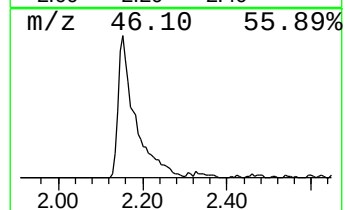
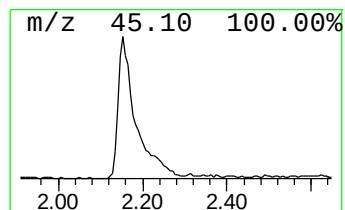
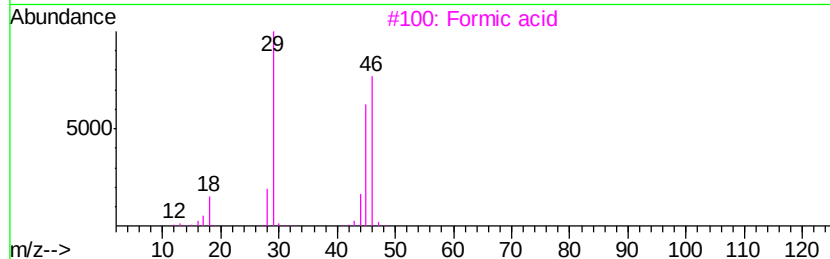
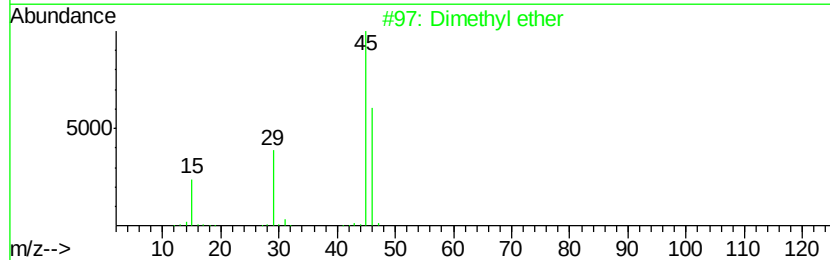
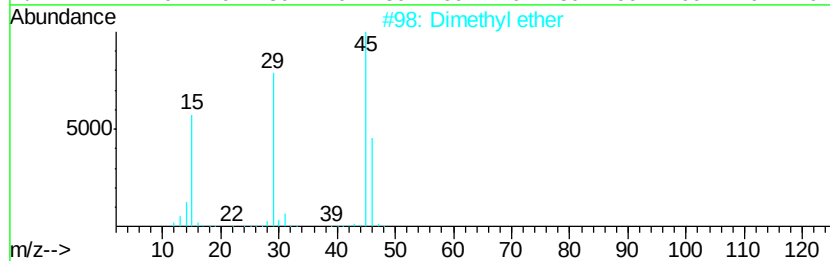
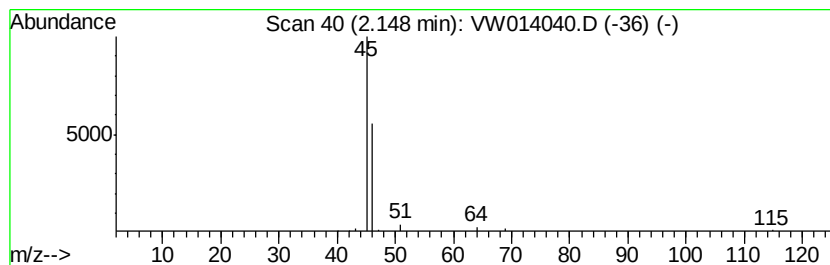
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 Dimethyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.78 ug/L	45198	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	80
2		Dimethyl ether	46	C2H6O	000115-10-6	56
3		Formic acid	46	CH2O2	000064-18-6	7
4		Ethanol	46	C2H6O	000064-17-5	7
5		Ethanol	46	C2H6O	000064-17-5	7



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

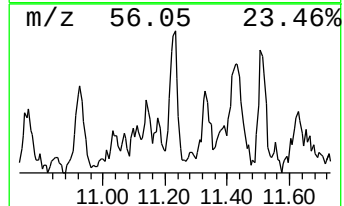
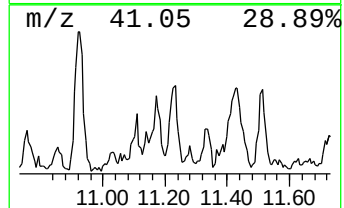
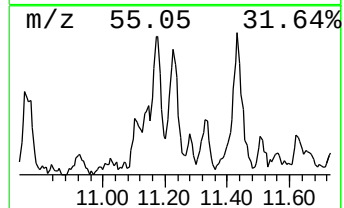
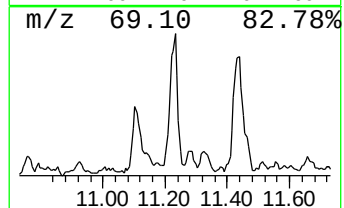
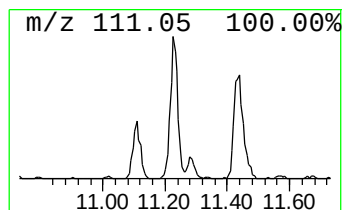
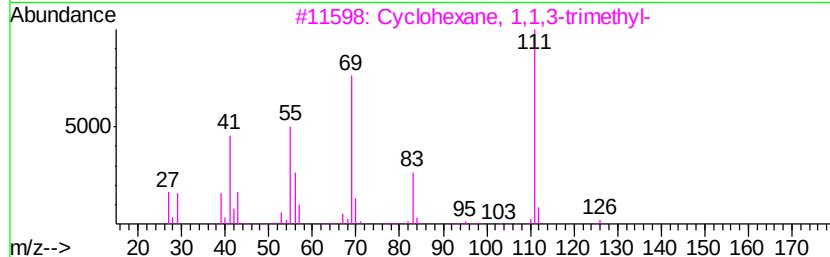
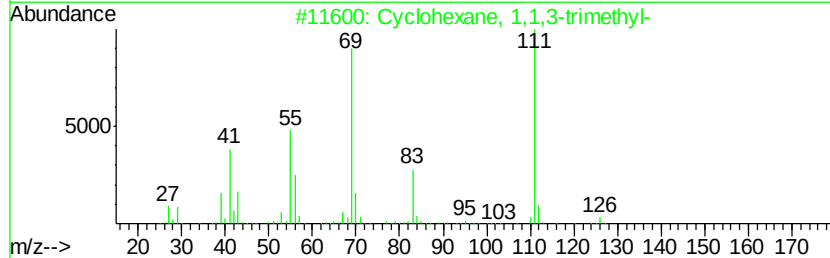
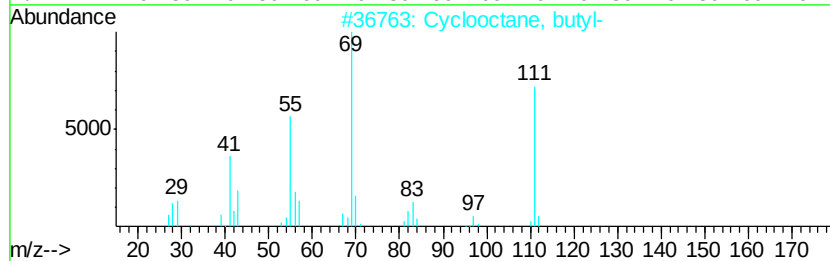
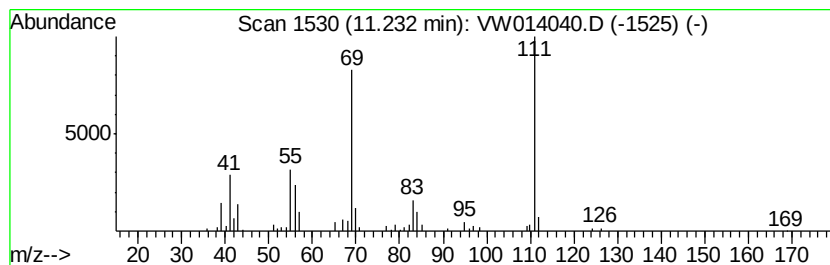
Instrument :
MSVOA_W
ClientSampled :
ETOP1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic11.23 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.23	2.53 ug/L	59043	Chlorobenzene-d5		11.63		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, butyl-	168	C12H24	016538-93-5	72
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	60
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
5			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

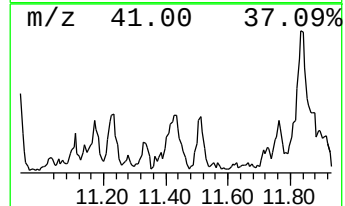
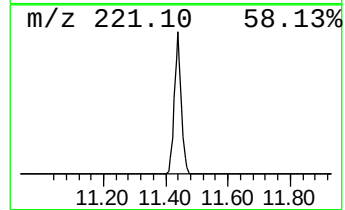
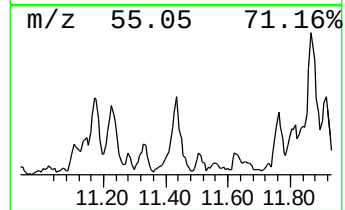
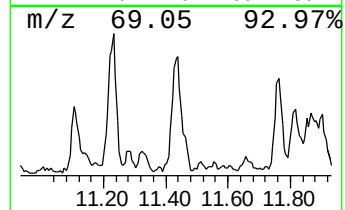
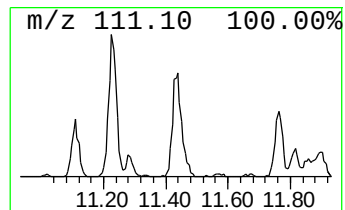
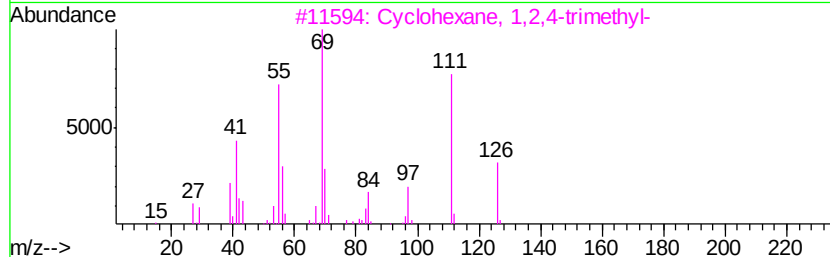
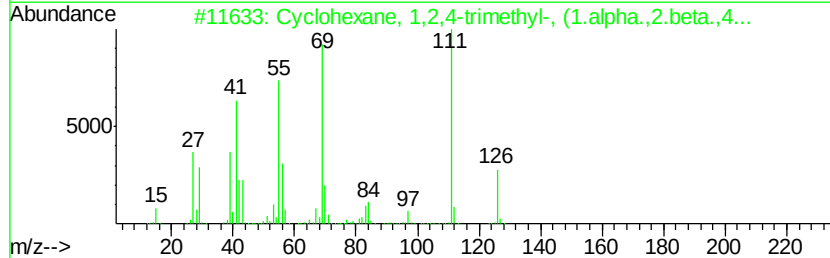
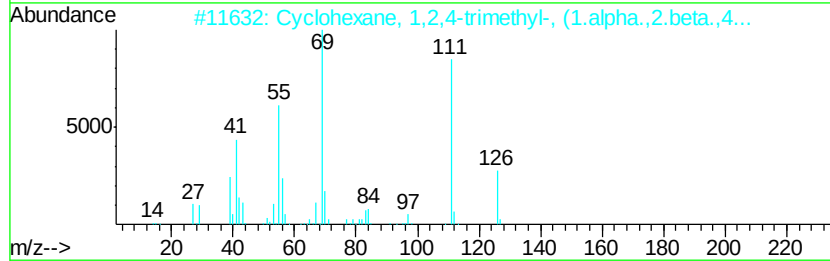
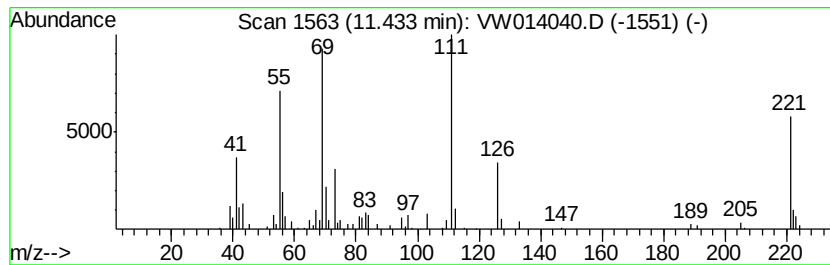
Instrument :
MSVOA_W
ClientSampleId :
ETOP1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic11.43 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.43	5.15 ug/L	120023	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	70
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	002234-75-5	68
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	62
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001839-63-0	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

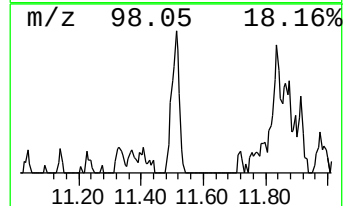
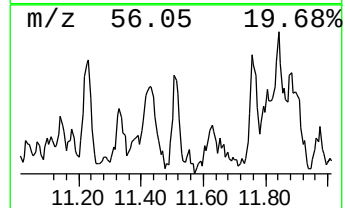
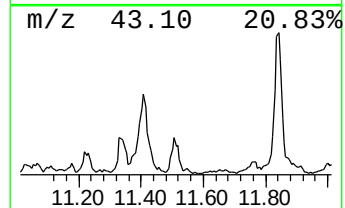
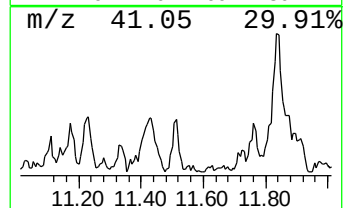
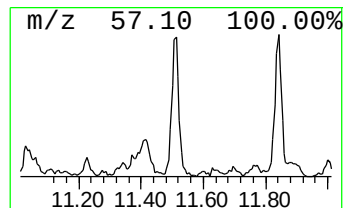
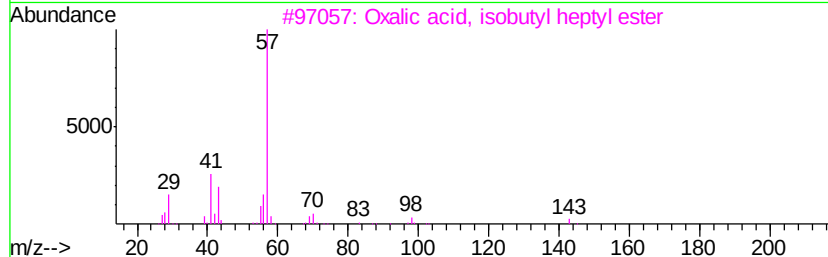
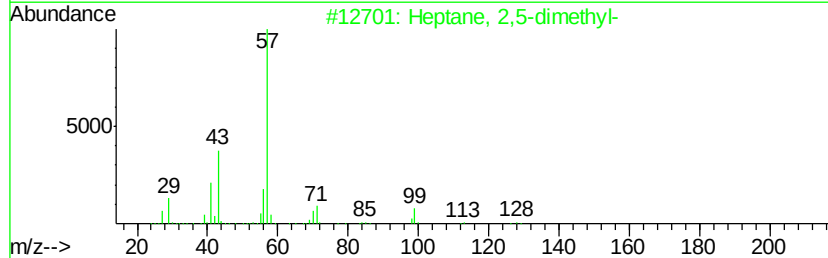
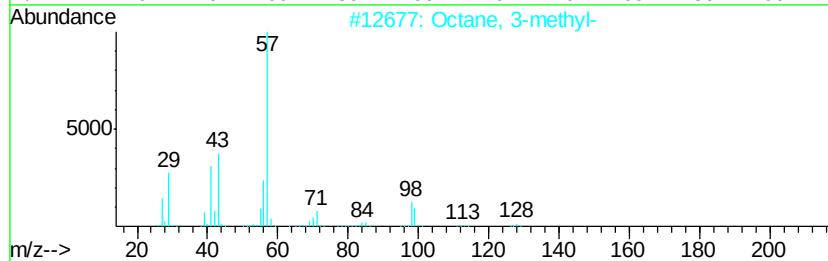
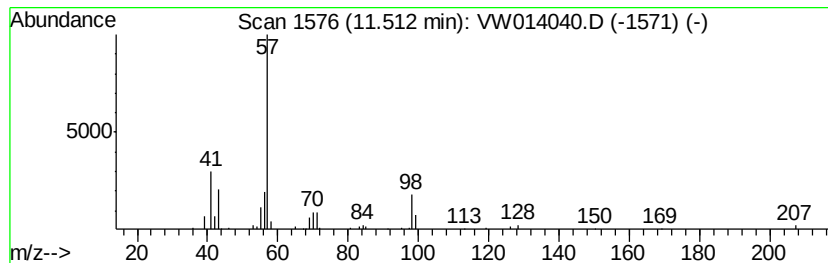
Instrument :
MSVOA_W
ClientSampleId :
ETOP1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.51	1.46 ug/L	33977	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	72
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
3	Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	59
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
5	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

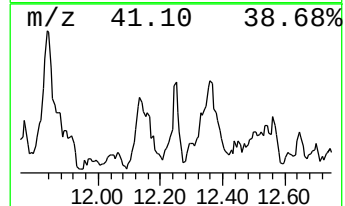
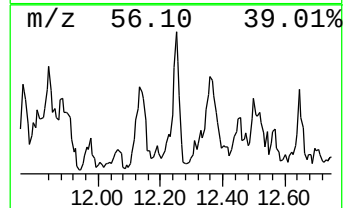
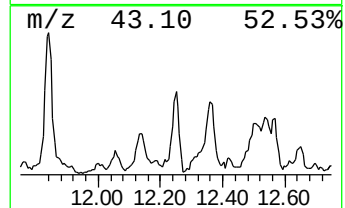
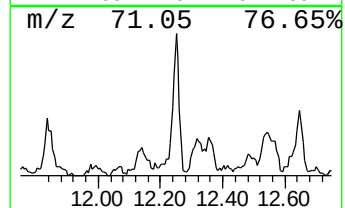
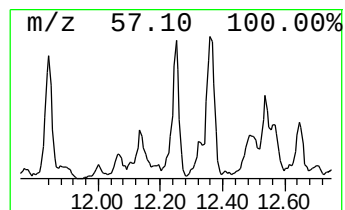
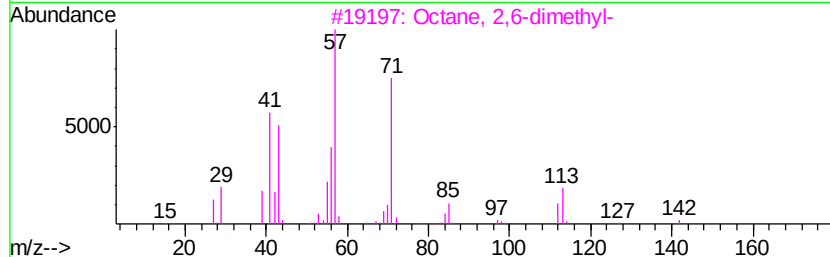
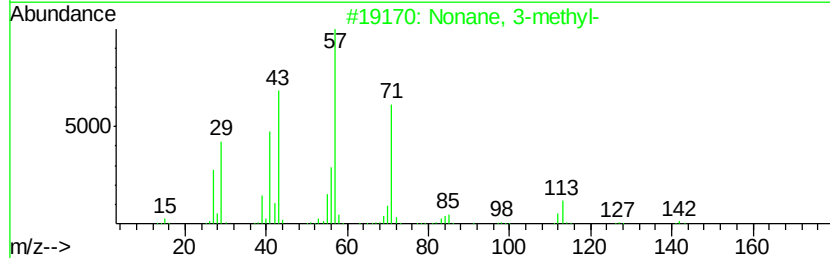
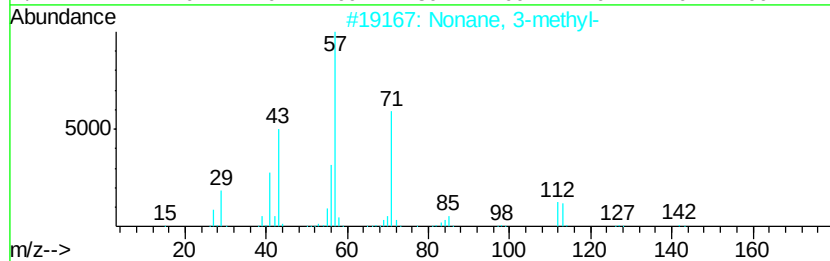
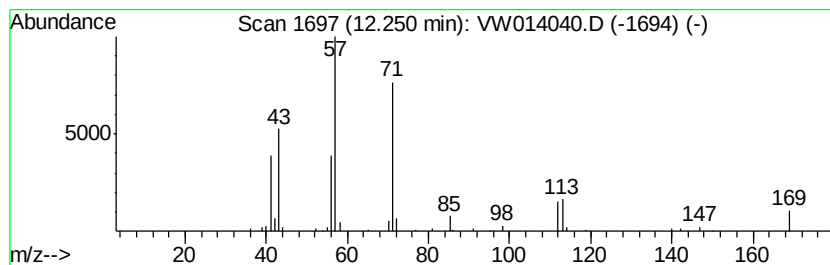
Instrument :
MSVOA_W
ClientSampleId :
ETOP1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.25	2.03 ug/L	47358	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
4	Octyl thioglycolate	204	C10H20O2S	007664-80-4	78
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
ETOP1

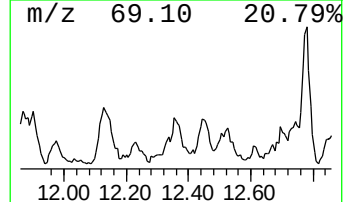
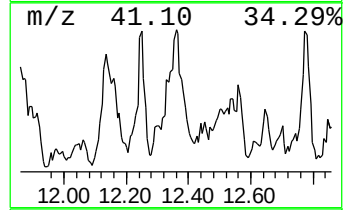
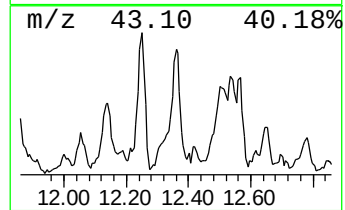
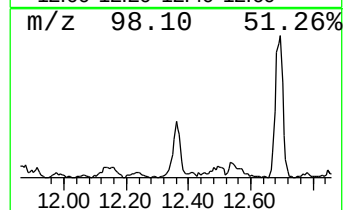
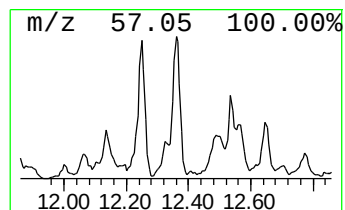
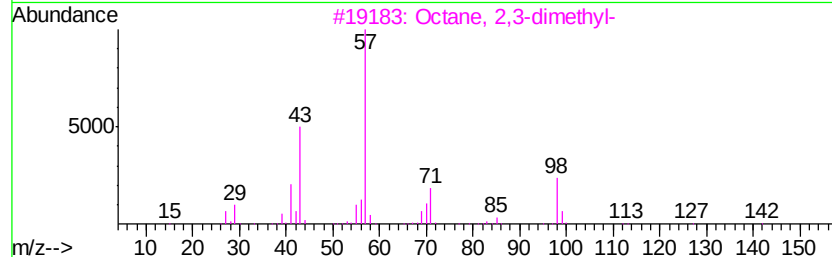
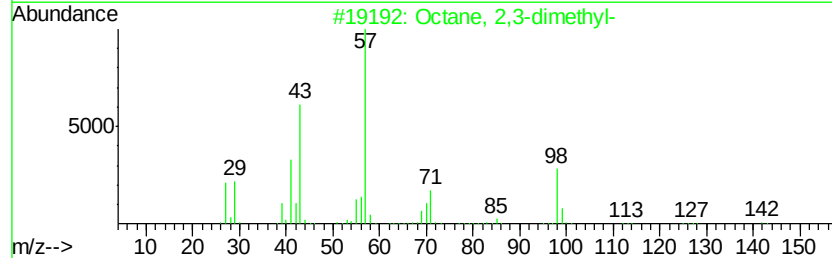
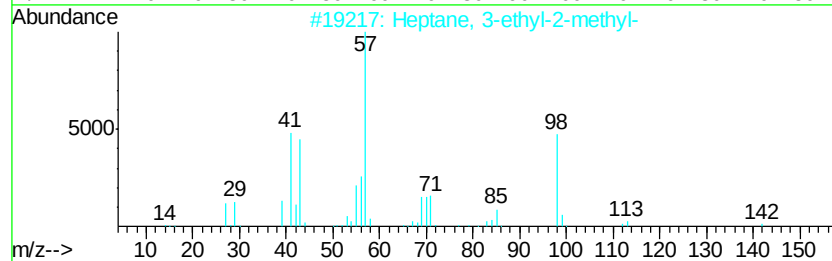
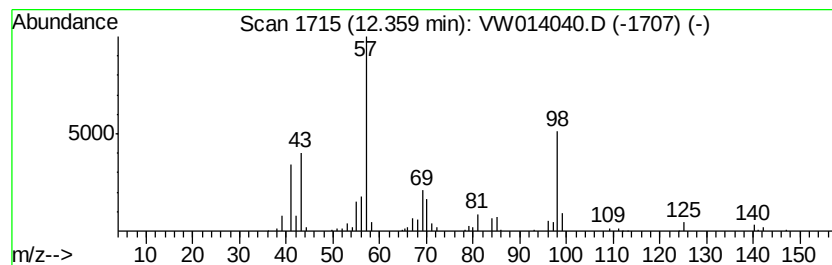
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.03 ug/L	117452	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	47
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

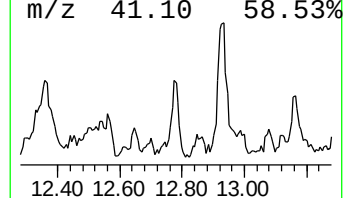
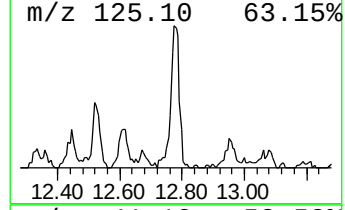
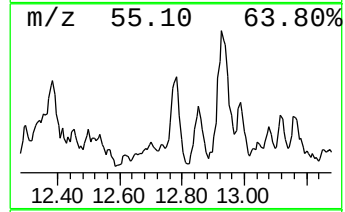
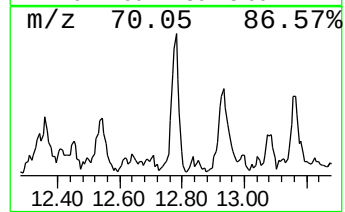
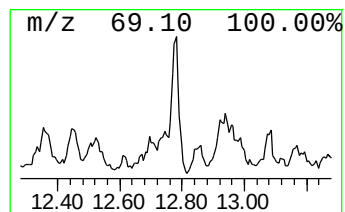
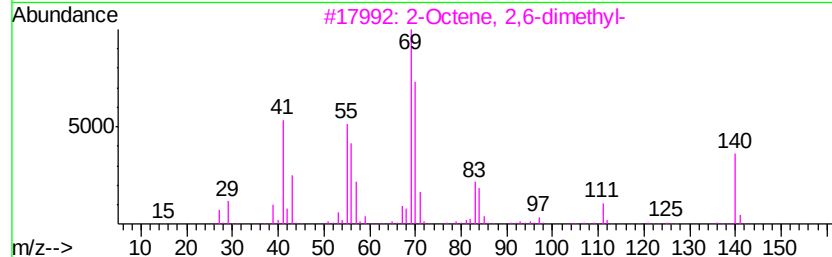
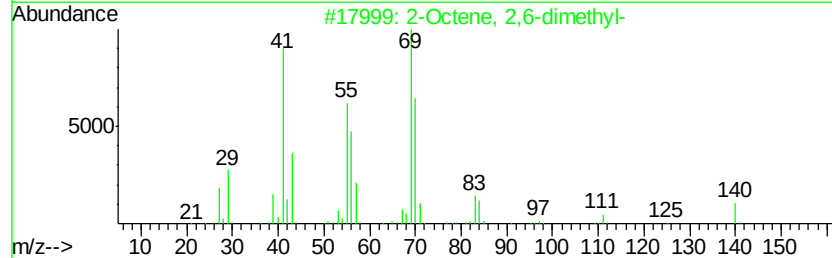
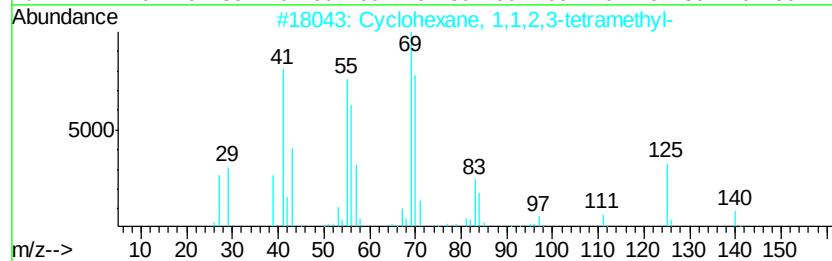
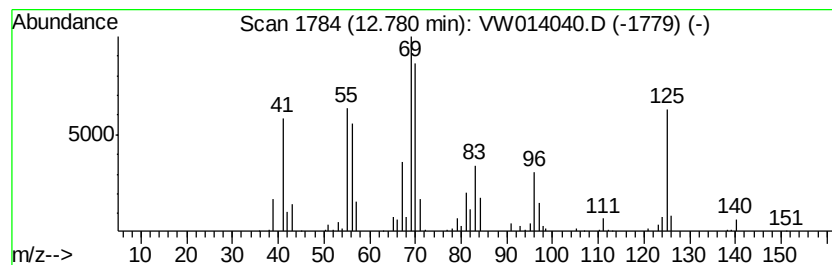
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic12.78 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	7.99 ug/L	98455	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	72
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
4		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
5		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

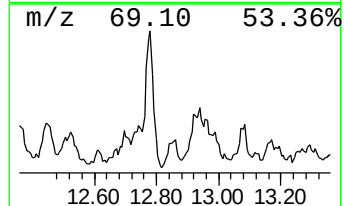
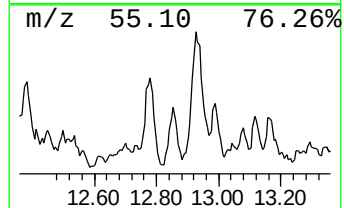
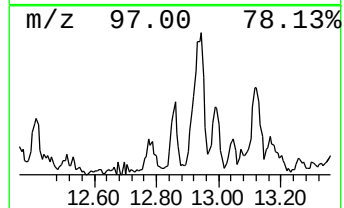
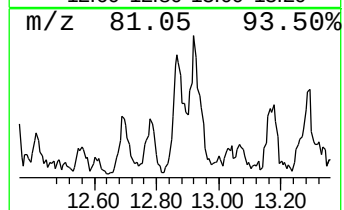
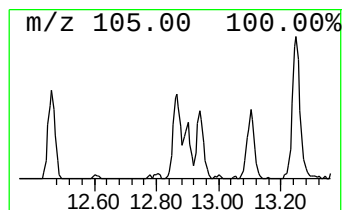
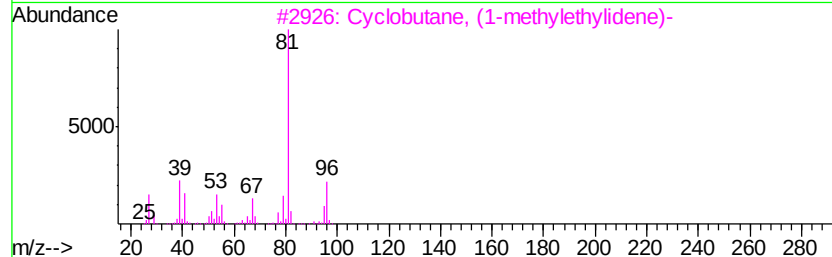
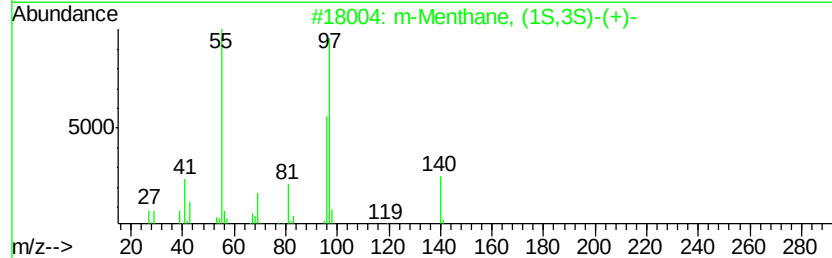
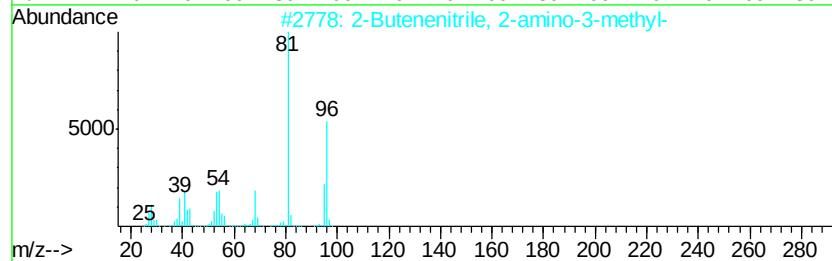
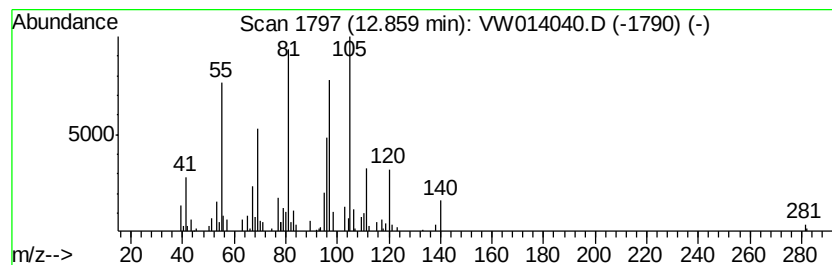
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 12 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	4.23 ug/L	52184	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butenenitrile, 2-amino-3-methyl-	96	C5H8N2	1000196-28-0	38
2		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	38
3		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	38
4		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	35
5		1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

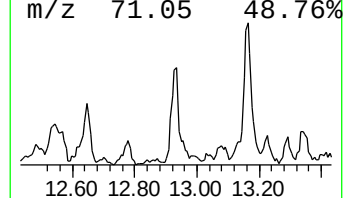
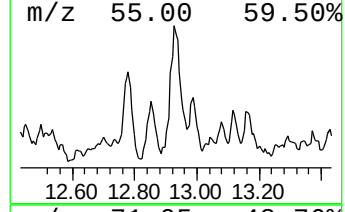
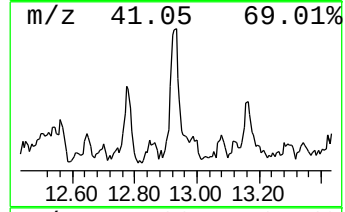
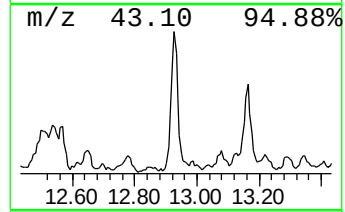
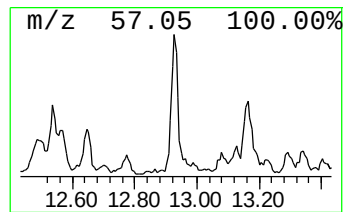
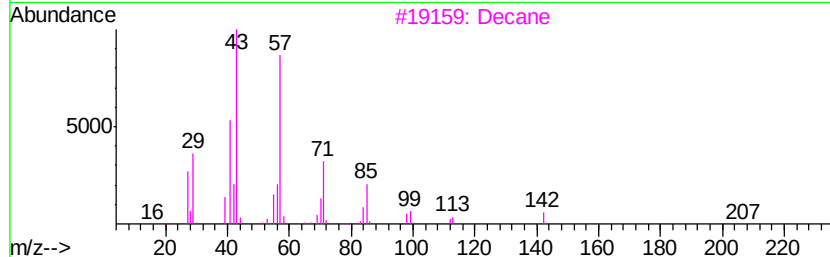
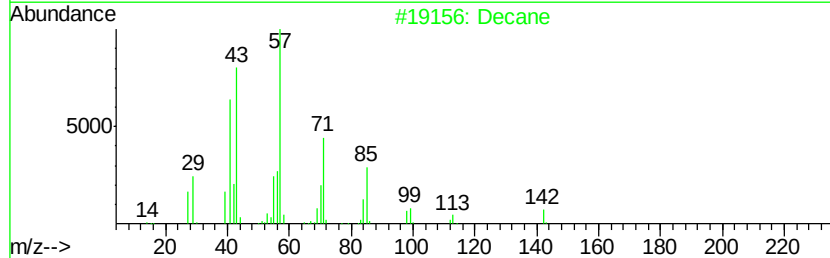
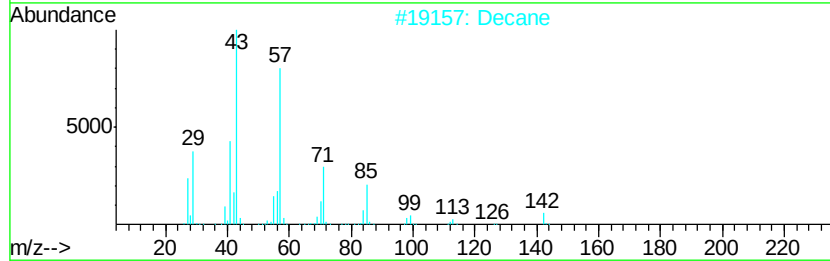
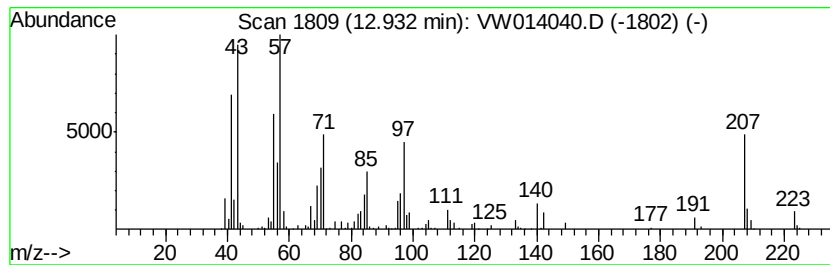
Instrument :
MSVOA_W
ClientSampleId :
ETOP1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	12.88 ug/L	158759	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 38
2	Decane		142 C10H22	000124-18-5 30
3	Decane		142 C10H22	000124-18-5 30
4	7-Hexadecene, (Z)-		224 C16H32	035507-09-6 25
5	1-Octanol, 2-butyl-		186 C12H26O	003913-02-8 25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

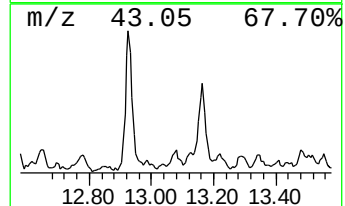
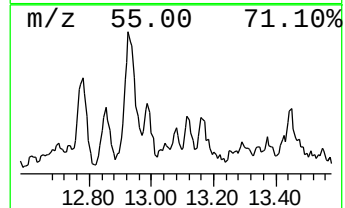
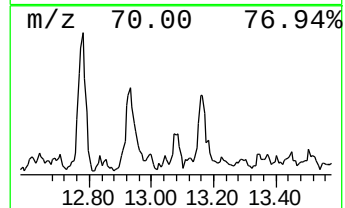
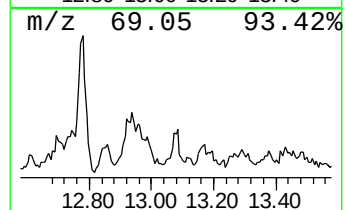
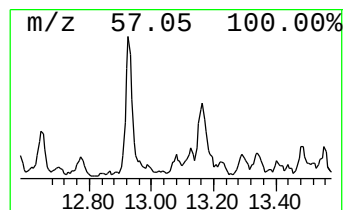
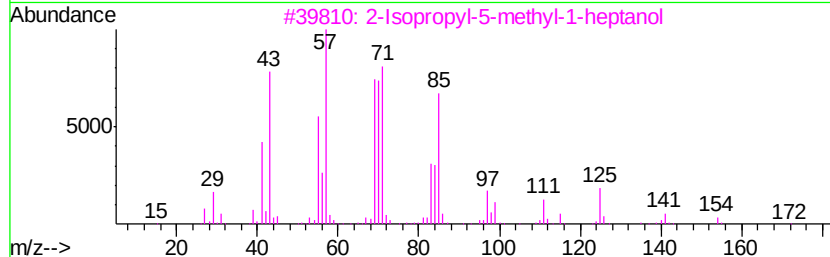
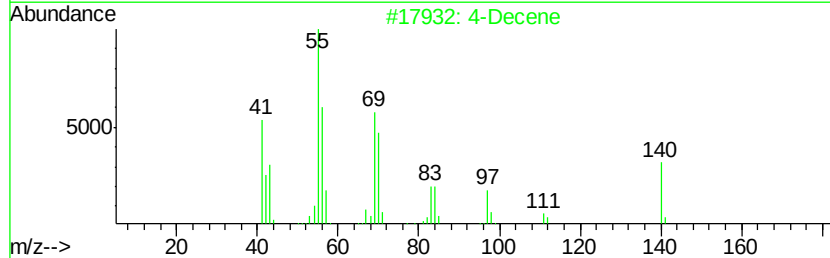
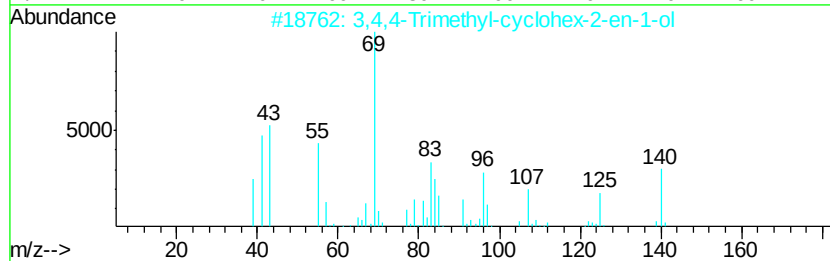
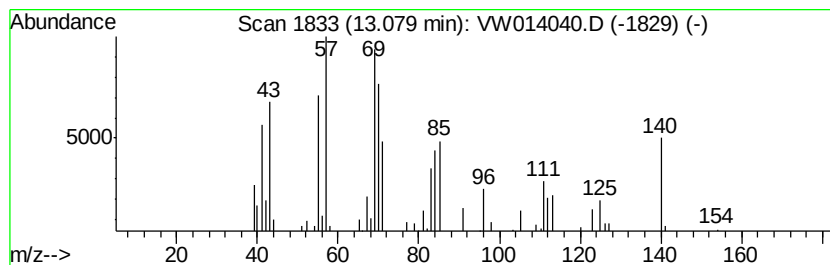
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 14 3,4,4-Trimethyl-cyclohex-2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	1.71 ug/L	21139	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4,4-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	073741-63-6	50
2			4-Decene	140	C10H20	019689-18-0	50
3			2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	47
4			3-Ethyl-6-trifluoroacetoxyoctane	254	C12H21F3O2	1000215-97-3	43
5			Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

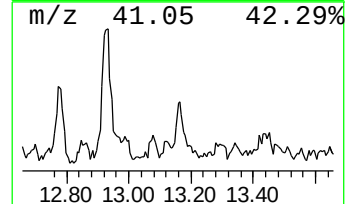
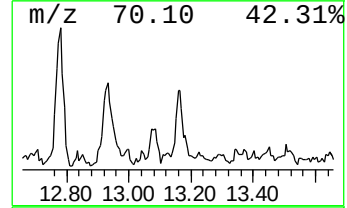
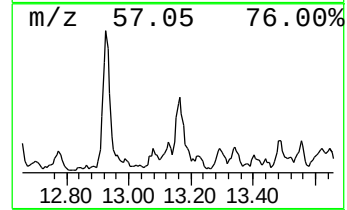
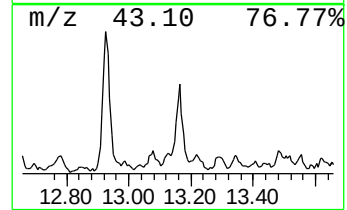
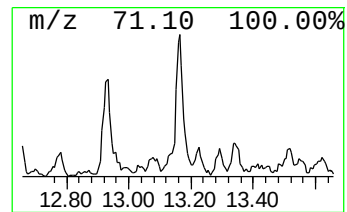
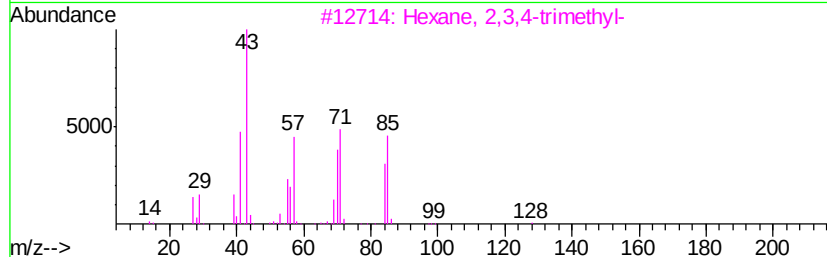
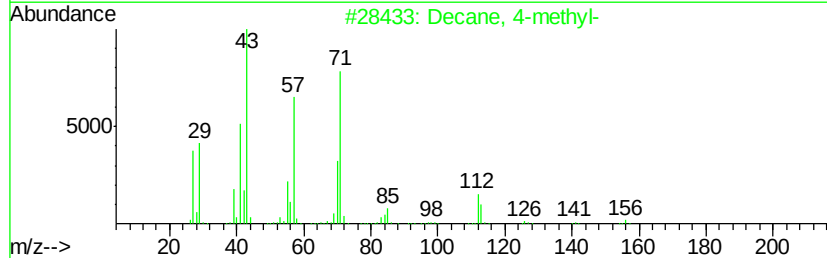
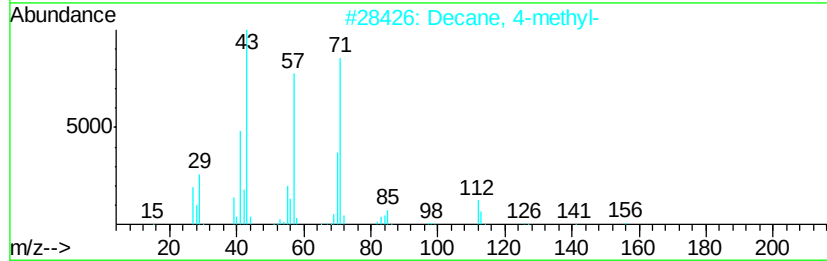
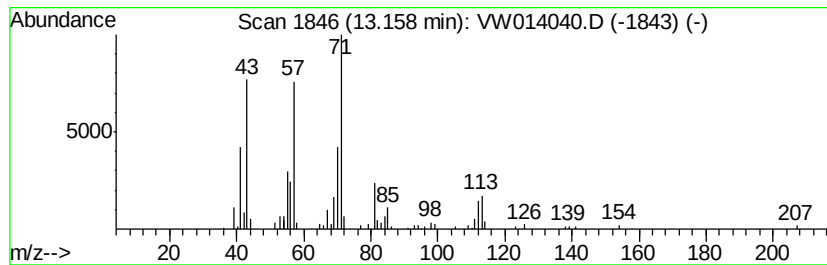
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	4.94 ug/L	60836	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 4-methyl-	156	C11H24	002847-72-5	47
2		Decane, 4-methyl-	156	C11H24	002847-72-5	47
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43
4		n-Amyl ether	158	C10H22O	000693-65-2	43
5		1-Decene, 4-methyl-	154	C11H22	013151-29-6	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

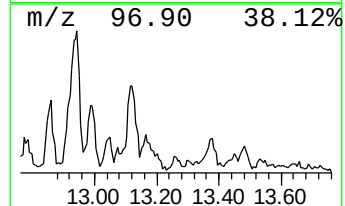
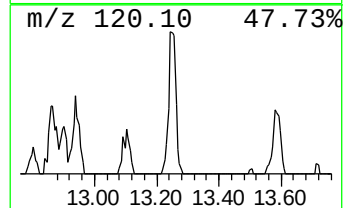
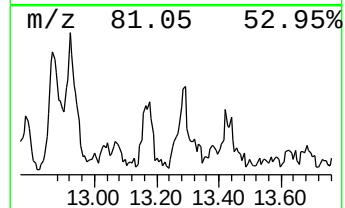
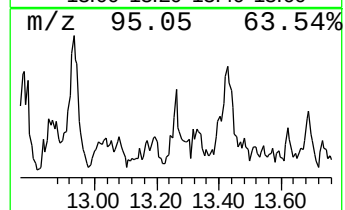
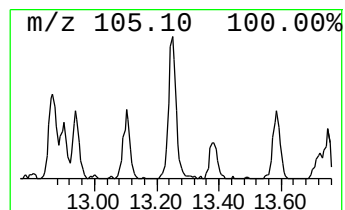
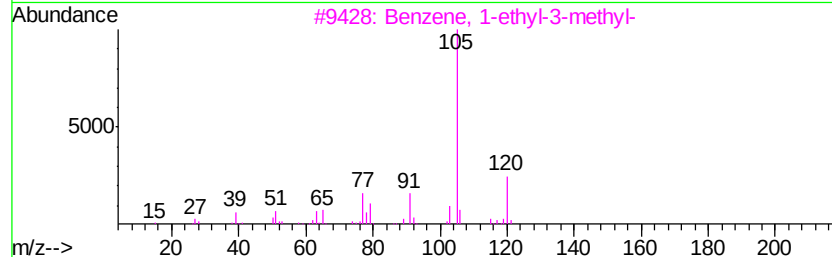
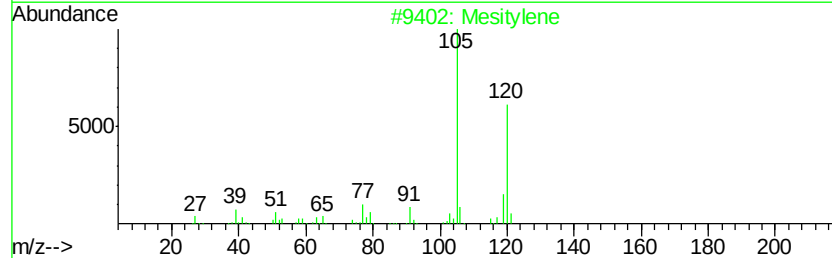
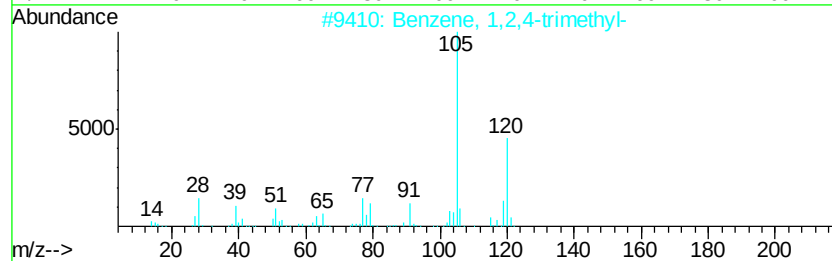
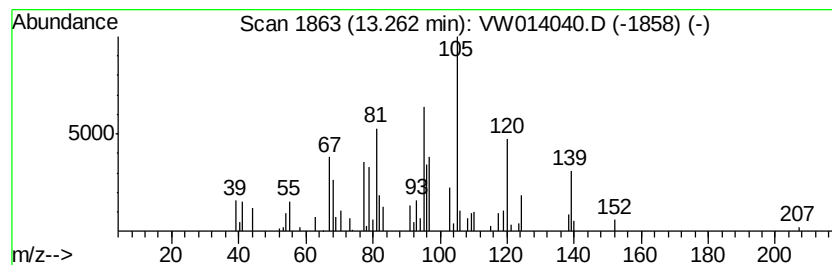
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,2,4-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	1.30 ug/L	15981	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
2		Mesitylene	120	C9H12	000108-67-8	53
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	52
4		2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	52
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

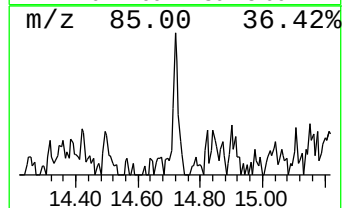
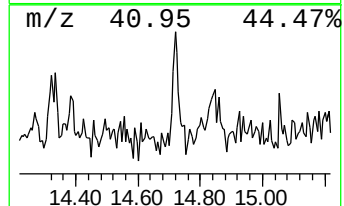
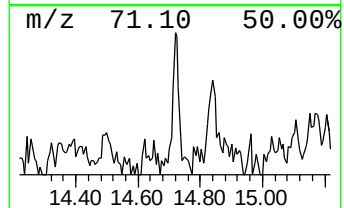
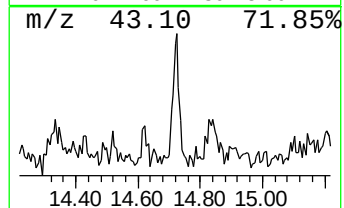
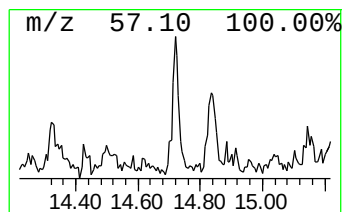
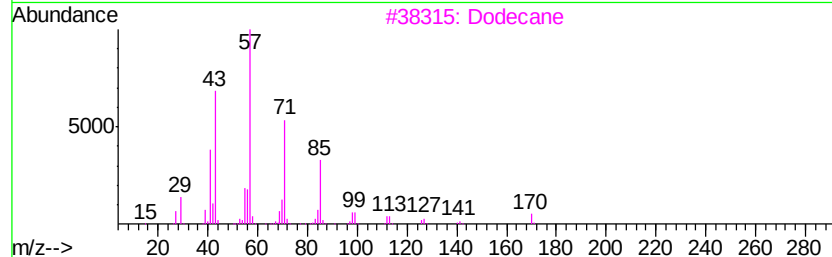
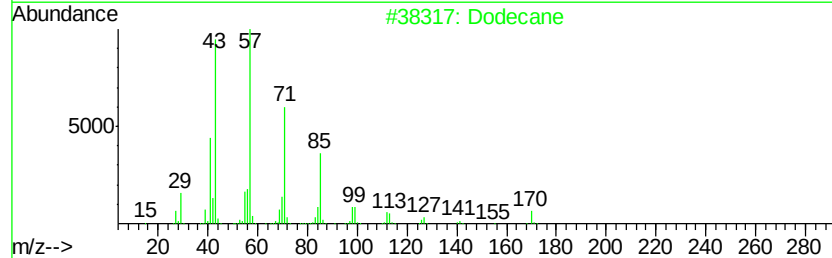
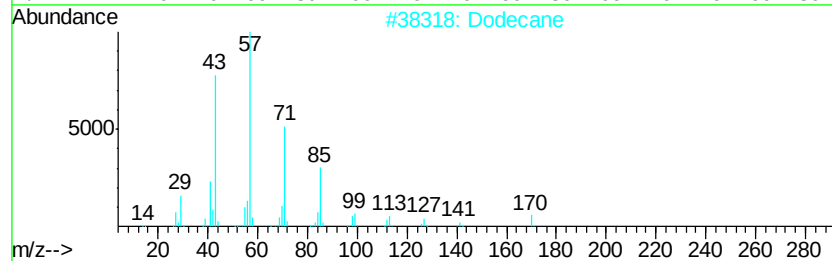
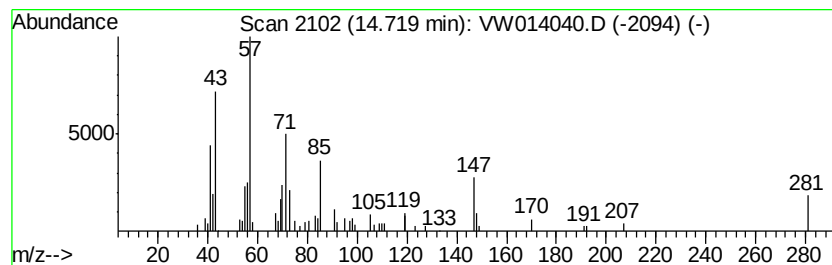
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	2.25 ug/L	27676	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	46
2		Dodecane	170	C12H26	000112-40-3	46
3		Dodecane	170	C12H26	000112-40-3	43
4		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	38
5		Nonadecane	268	C19H40	000629-92-5	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

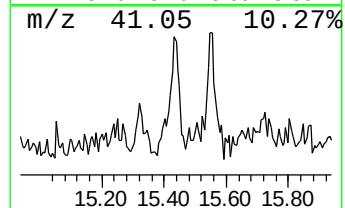
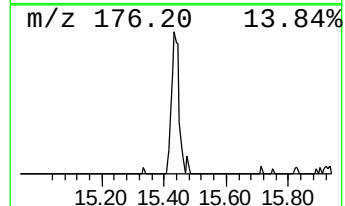
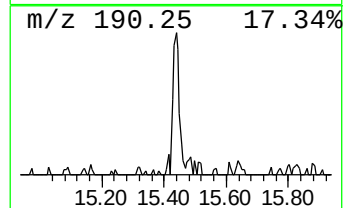
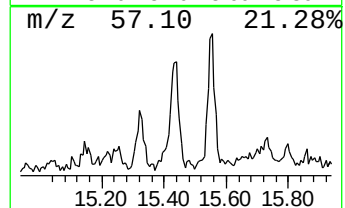
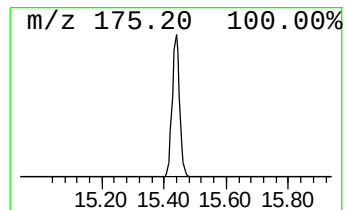
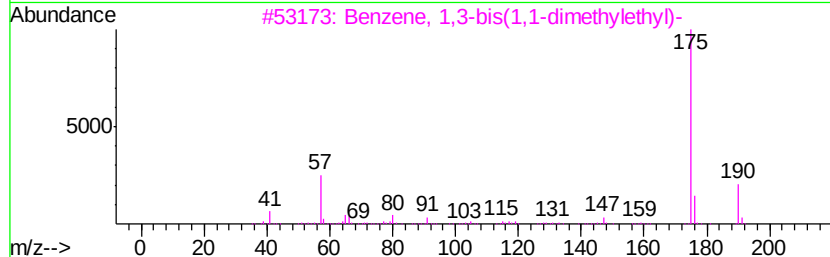
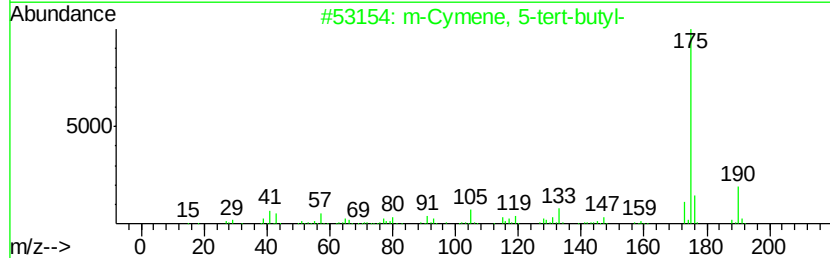
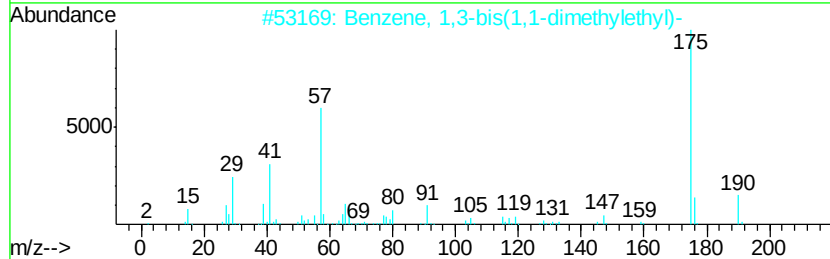
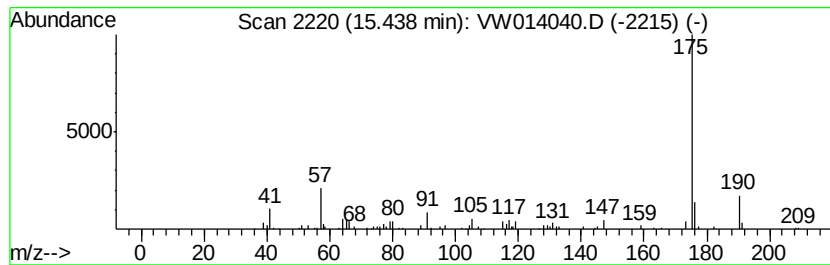
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.42 ug/L	42171	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2			m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	87
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	83
5			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETOP1

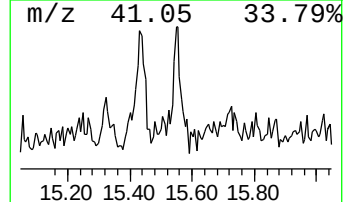
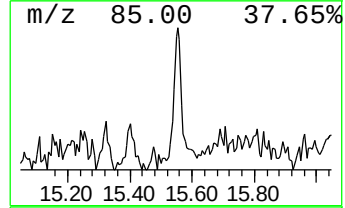
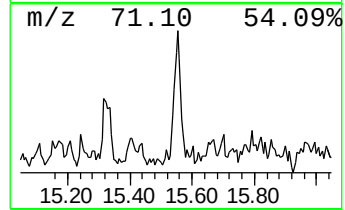
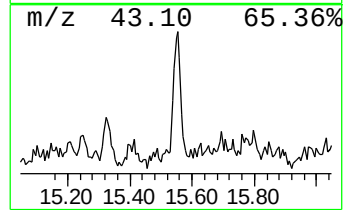
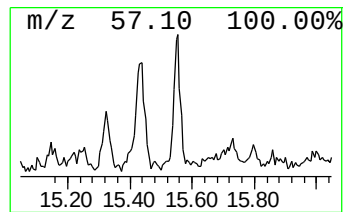
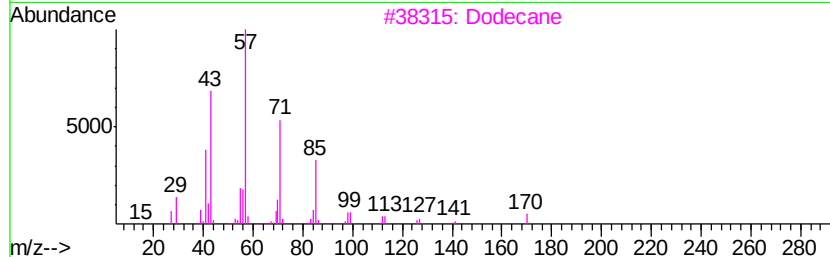
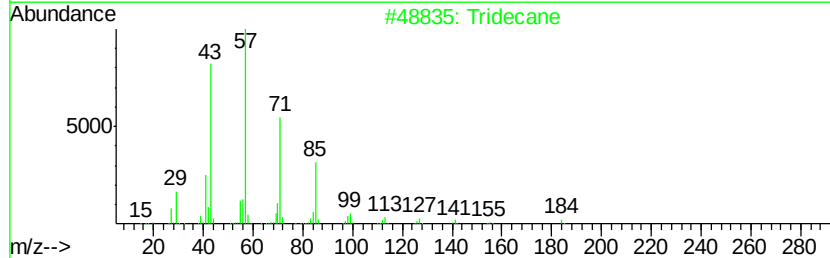
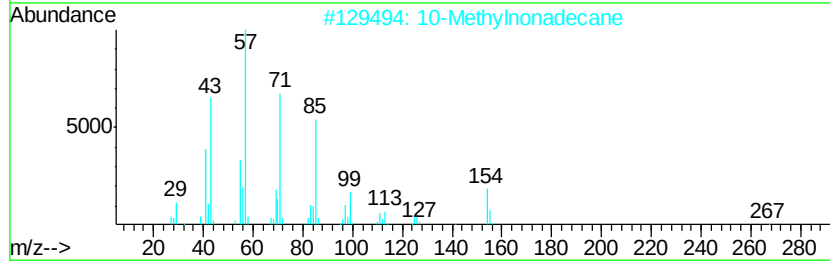
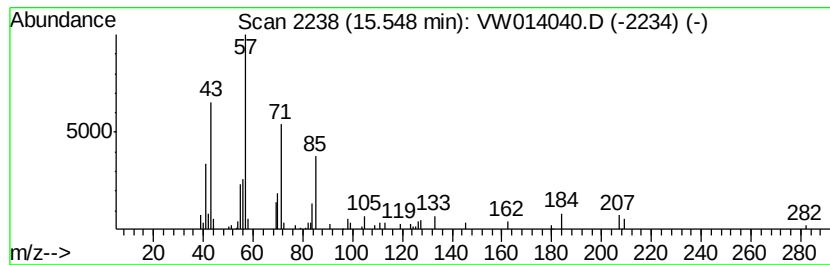
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.33 ug/L	28673	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	80
2		Tridecane	184	C13H28	000629-50-5	76
3		Dodecane	170	C12H26	000112-40-3	72
4		Nonadecane	268	C19H40	000629-92-5	72
5		Undecane	156	C11H24	001120-21-4	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
Data File : VW014040.D
Acq On : 15 Nov 2019 14:54
Operator : SY/VA
Sample : K5811-03
Misc : 4.26G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

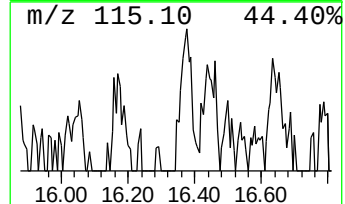
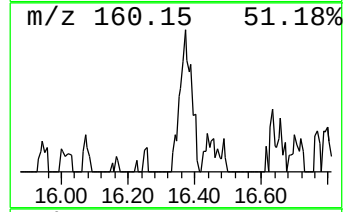
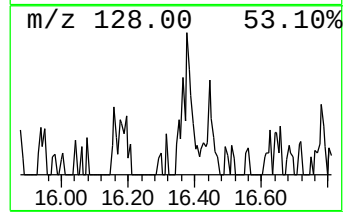
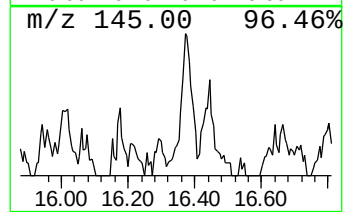
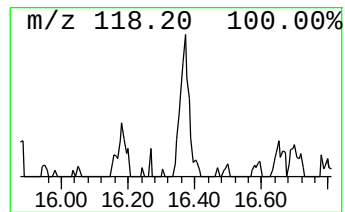
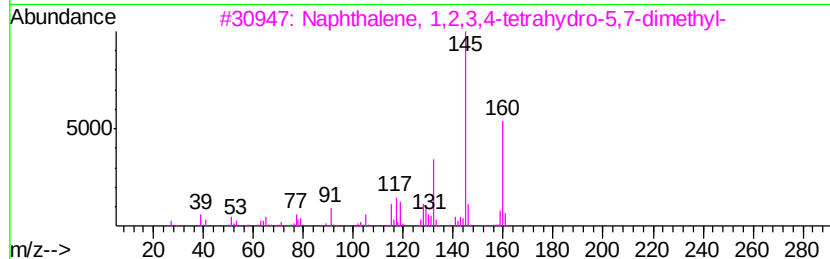
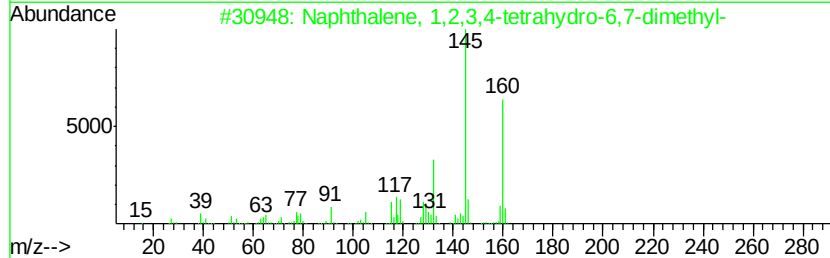
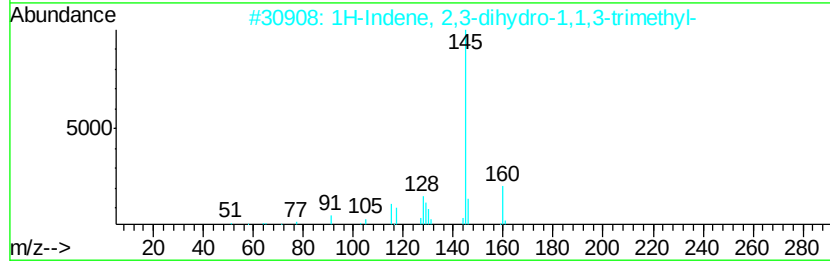
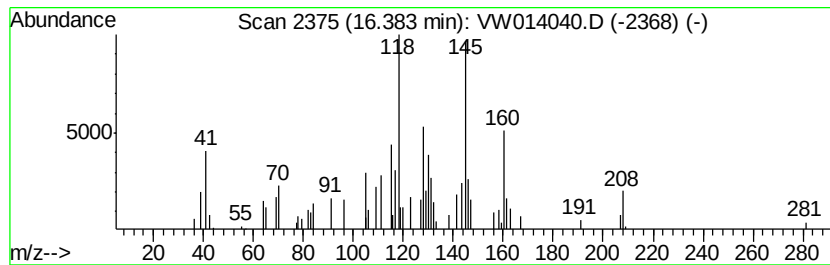
Instrument :
MSVOA_W
ClientSampleId :
ETOP1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 22 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.38	1.31 ug/L	16161	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	46
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	45



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111519\
 Data File : VW014040.D
 Acq On : 15 Nov 2019 14:54
 Operator : SY/VA
 Sample : K5811-03
 Misc : 4.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOP1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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
Dimethyl ether	2.15	1.8	ug/L	45198	1	8.84	636162	25.0
(DEL) Alkane: Cyc...	11.23	2.5	ug/L	59043	2	11.63	583179	25.0
(DEL) Alkane: Cyc...	11.43	5.2	ug/L	120023	2	11.63	583179	25.0
(DEL) Alkane: Str...	11.51	1.5	ug/L	33977	2	11.63	583179	25.0
(DEL) Alkane: Str...	12.25	2.0	ug/L	47358	2	11.63	583179	25.0
(DEL) Alkane: Str...	12.36	5.0	ug/L	117452	2	11.63	583179	25.0
(DEL) Alkane: Cyc...	12.78	8.0	ug/L	98455	3	13.55	308172	25.0
unknown-01	12.86	4.2	ug/L	52184	3	13.55	308172	25.0
(DEL) Alkane: Str...	12.93	12.9	ug/L	158759	3	13.55	308172	25.0
3,4,4-Trimethyl-c...	13.08	1.7	ug/L	21139	3	13.55	308172	25.0
(DEL) Alkane: Str...	13.16	4.9	ug/L	60836	3	13.55	308172	25.0
Benzene, 1,2,4-tr...	13.26	1.3	ug/L	15981	3	13.55	308172	25.0
(DEL) Alkane: Str...	14.72	2.3	ug/L	27676	3	13.55	308172	25.0
Benzene, 1,3-bis(...	15.44	3.4	ug/L	42171	3	13.55	308172	25.0
(DEL) Alkane: Str...	15.55	2.3	ug/L	28673	3	13.55	308172	25.0
1H-Indene, 2,3-di...	16.38	1.3	ug/L	16161	3	13.55	308172	25.0