

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
 Data File : VW014109.D
 Acq On : 25 Nov 2019 14:06
 Operator : SY/VA
 Sample : K6007-06
 Misc : 5.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL4

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	2.154	37	41	57	rVB	13109	31364	3.03%	0.558%
2	2.349	67	73	84	rVB	64226	108456	10.47%	1.930%
3	2.885	154	161	173	rBV2	50956	124665	12.03%	2.218%
4	3.276	222	225	226	rBV	291	290	0.03%	0.005%
5	3.343	234	236	237	rVB2	391	218	0.02%	0.004%
6	3.385	237	243	250	rBV5	1377	3337	0.32%	0.059%
7	3.471	254	257	259	rBV3	367	480	0.05%	0.009%
8	3.489	259	260	261	rVB	637	238	0.02%	0.004%
9	3.678	288	291	293	rBV3	439	451	0.04%	0.008%
10	3.702	293	295	298	rVV2	479	453	0.04%	0.008%
11	3.727	298	299	302	rVB	435	237	0.02%	0.004%
12	3.806	309	312	314	rVB	225	185	0.02%	0.003%
13	3.843	314	318	320	rBV	176	232	0.02%	0.004%
14	3.916	328	330	333	rBV2	258	278	0.03%	0.005%
15	4.019	334	347	359	rBV2	100292	315369	30.44%	5.611%
16	4.245	383	384	388	rVB2	361	270	0.03%	0.005%
17	4.312	392	395	396	rVB2	344	272	0.03%	0.005%
18	4.391	400	408	416	rBV3	1962	5784	0.56%	0.103%
19	4.471	419	421	423	rVB	315	199	0.02%	0.004%
20	4.495	423	425	426	rVB	399	238	0.02%	0.004%
21	4.538	429	432	434	rBV3	282	307	0.03%	0.005%
22	4.586	436	440	441	rBV3	431	451	0.04%	0.008%
23	4.666	451	453	454	rVB2	434	294	0.03%	0.005%
24	4.733	462	464	468	rVB	317	347	0.03%	0.006%
25	4.818	475	478	479	rBV	293	205	0.02%	0.004%
26	4.916	481	494	508	rBV2	15526	55535	5.36%	0.988%
27	5.092	521	523	525	rBV2	336	220	0.02%	0.004%
28	5.111	525	526	530	rVV3	222	211	0.02%	0.004%
29	5.141	530	531	533	rVV2	269	231	0.02%	0.004%
30	5.281	552	554	557	rVB	425	290	0.03%	0.005%
31	5.330	561	562	563	rBV	320	178	0.02%	0.003%
32	5.409	574	575	576	rBV	411	240	0.02%	0.004%
33	5.476	585	586	589	rVB3	375	254	0.02%	0.005%
34	5.507	589	591	593	rBV3	405	528	0.05%	0.009%

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 Title : VOC Analysis

35	5.629	609	611	614	rBV2	499	635	0.06%	0.011%
36	5.733	622	628	629	rBV2	333	431	0.04%	0.008%
37	5.824	641	643	644	rBV2	217	178	0.02%	0.003%
38	5.873	648	651	652	rBV2	399	346	0.03%	0.006%
39	5.934	655	661	669	rBV3	1470	4193	0.40%	0.075%
40	6.050	677	680	682	rBV	582	671	0.06%	0.012%
41	6.068	682	683	684	rVV	522	210	0.02%	0.004%
42	6.117	688	691	692	rBV2	650	677	0.07%	0.012%
43	6.257	709	714	718	rBV4	601	1252	0.12%	0.022%
44	6.434	741	743	744	rVB2	324	191	0.02%	0.003%
45	6.610	770	772	776	rVB2	271	295	0.03%	0.005%
46	6.714	787	789	790	rBV	465	374	0.04%	0.007%
47	6.732	790	792	793	rVB2	385	280	0.03%	0.005%
48	6.903	819	820	821	rBV	360	212	0.02%	0.004%
49	7.074	840	848	853	rBV	28979	78198	7.55%	1.391%
50	7.299	884	885	887	rVB2	710	326	0.03%	0.006%
51	7.476	913	914	917	rBV3	487	354	0.03%	0.006%
52	7.647	932	942	955	rVB	175334	444378	42.89%	7.907%
53	7.909	983	985	986	rBV2	912	686	0.07%	0.012%
54	7.952	987	992	999	rVB5	2957	6987	0.67%	0.124%
55	8.025	1002	1004	1006	rVB2	685	607	0.06%	0.011%
56	8.061	1006	1010	1012	rBV3	481	854	0.08%	0.015%
57	8.147	1020	1024	1025	rBV2	669	695	0.07%	0.012%
58	8.189	1029	1031	1032	rBV2	384	300	0.03%	0.005%
59	8.275	1032	1045	1067	rBV2	353133	1036170	100.00%	18.436%
60	8.842	1129	1138	1150	rBV	255104	493694	47.65%	8.784%
61	8.970	1157	1159	1160	rBV	465	383	0.04%	0.007%
62	9.275	1200	1209	1216	rBV	245410	499761	48.23%	8.892%
63	9.470	1239	1241	1243	rVB2	470	229	0.02%	0.004%
64	9.506	1245	1247	1251	rBV3	603	485	0.05%	0.009%
65	9.549	1252	1254	1257	rBV3	470	428	0.04%	0.008%
66	9.720	1280	1282	1283	rBV	289	187	0.02%	0.003%
67	9.756	1283	1288	1291	rBV4	1629	2484	0.24%	0.044%
68	10.031	1327	1333	1345	rVB	74713	130896	12.63%	2.329%
69	10.207	1358	1362	1364	rBV2	1101	1519	0.15%	0.027%
70	10.323	1373	1381	1390	rBV	375066	671339	64.79%	11.945%
71	10.573	1417	1422	1433	rVB	33530	58170	5.61%	1.035%

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72	10.701	1438	1443	1449	rVB	27104	46005	4.44%	0.819%
73	10.921	1473	1479	1492	rBV	81853	147764	14.26%	2.629%
74	11.067	1498	1503	1514	rVB2	13699	24371	2.35%	0.434%
75	11.439	1559	1564	1572	rVB2	19438	34528	3.33%	0.614%
76	11.628	1589	1595	1605	rVB	197126	340126	32.83%	6.052%
77	11.823	1624	1627	1628	rBV2	1488	1762	0.17%	0.031%
78	12.158	1680	1682	1686	rBV4	1486	1817	0.18%	0.032%
79	12.329	1707	1710	1716	rVB5	4188	5845	0.56%	0.104%
80	12.469	1726	1733	1739	rBV2	42881	71878	6.94%	1.279%
81	12.609	1748	1756	1762	rBV	57611	97247	9.39%	1.730%
82	12.689	1763	1769	1778	rBV	130055	224998	21.71%	4.003%
83	12.859	1792	1797	1800	rBV4	1094	1625	0.16%	0.029%
84	12.932	1803	1809	1819	rVV	40289	68164	6.58%	1.213%
85	13.024	1819	1824	1830	rVV2	21572	36606	3.53%	0.651%
86	13.128	1839	1841	1842	rVB	503	189	0.02%	0.003%
87	13.152	1842	1845	1846	rBV3	1236	1389	0.13%	0.025%
88	13.298	1864	1869	1874	rVB3	8244	13282	1.28%	0.236%
89	13.359	1874	1879	1883	rBV2	9895	15169	1.46%	0.270%
90	13.475	1892	1898	1900	rBV5	5719	9980	0.96%	0.178%
91	13.554	1906	1911	1917	rBV	78924	131636	12.70%	2.342%
92	13.713	1932	1937	1941	rBV2	14089	21977	2.12%	0.391%
93	13.853	1954	1960	1966	rBV2	99165	163477	15.78%	2.909%
94	14.066	1991	1995	2005	rVB	17914	29208	2.82%	0.520%
95	14.188	2013	2015	2017	rBV2	1591	1570	0.15%	0.028%
96	14.438	2054	2056	2058	rVB2	684	457	0.04%	0.008%
97	14.524	2067	2070	2076	rVB4	5217	7923	0.76%	0.141%
98	14.877	2126	2128	2130	rBV2	789	774	0.07%	0.014%
99	15.438	2215	2220	2225	rVB2	16604	28616	2.76%	0.509%
100	16.078	2324	2325	2327	rBV	1258	630	0.06%	0.011%

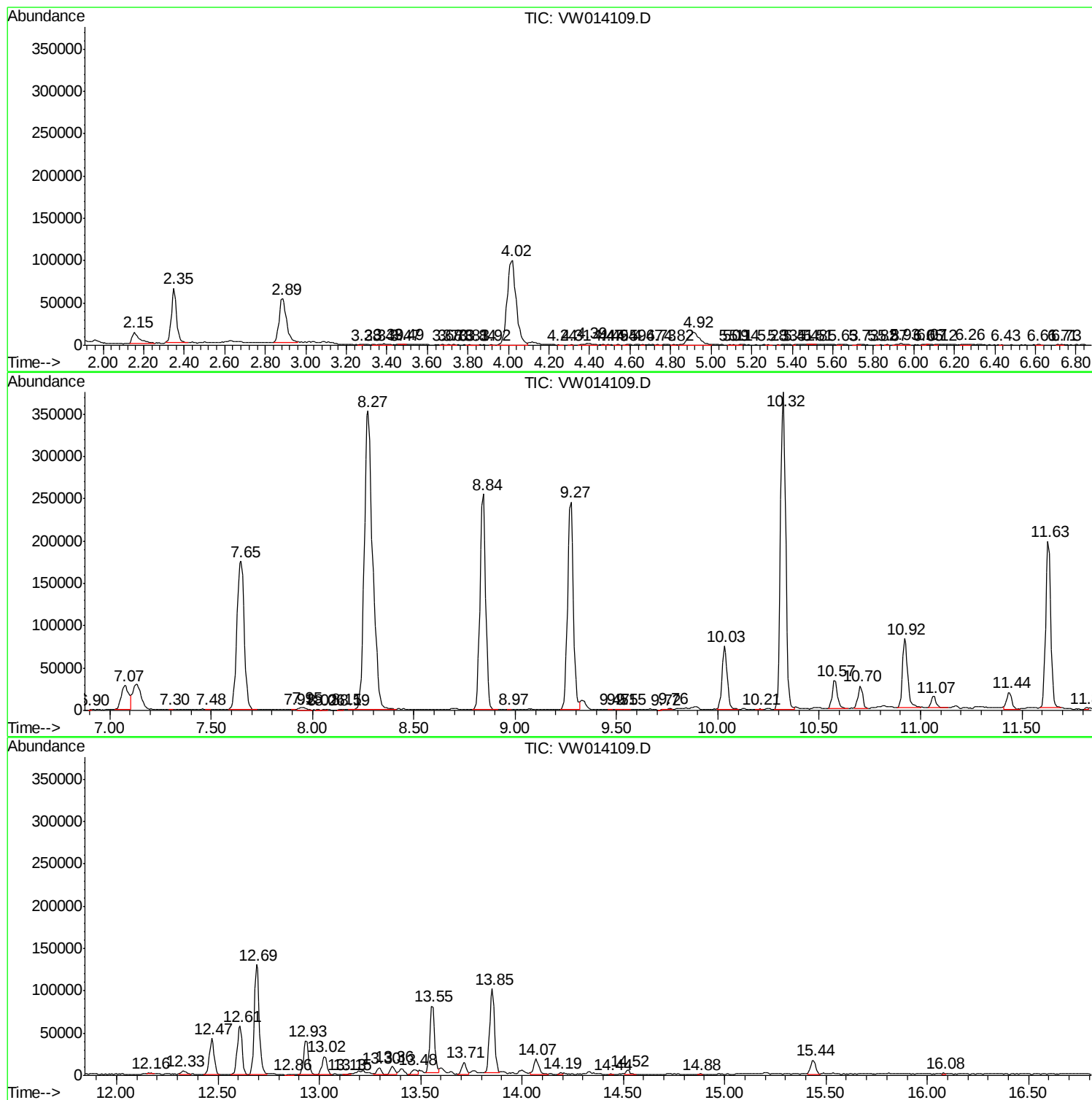
Sum of corrected areas: 5620395

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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



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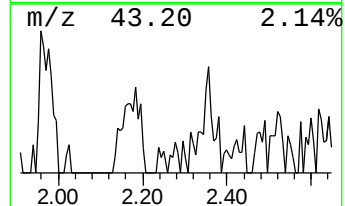
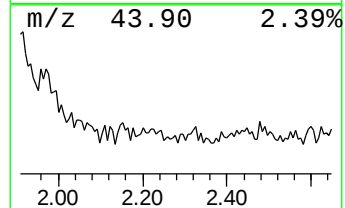
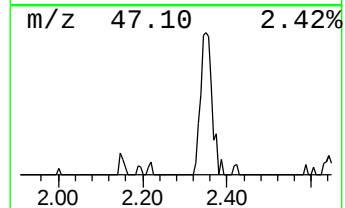
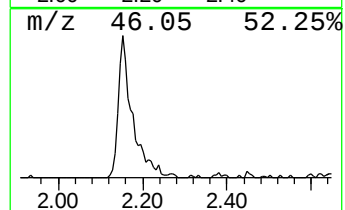
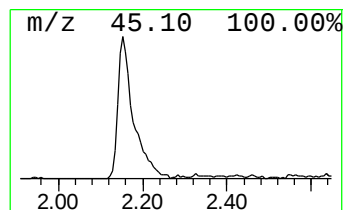
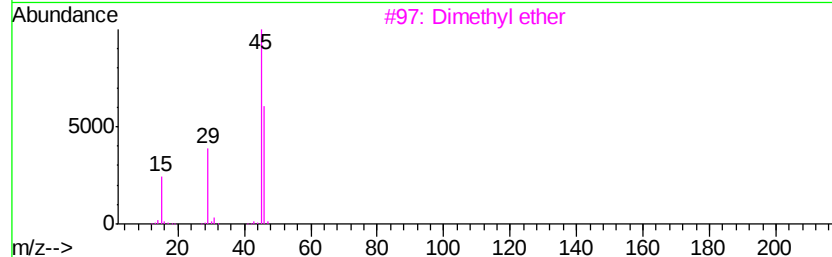
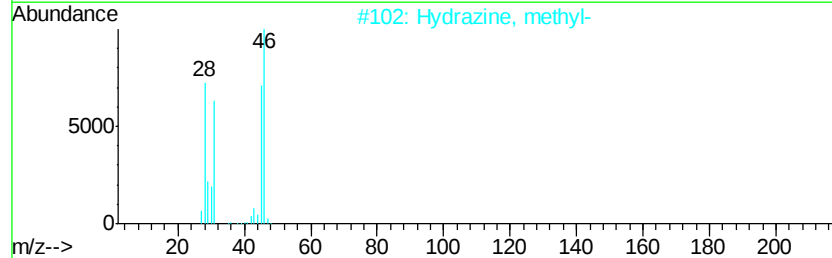
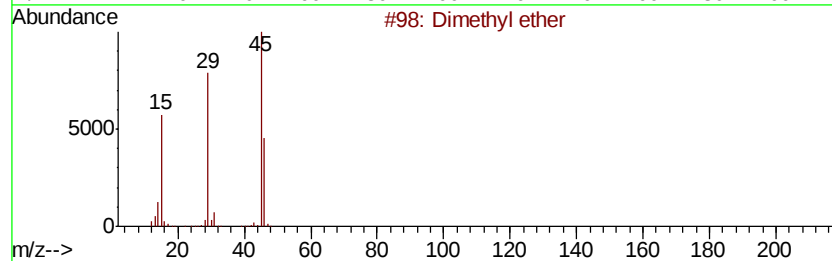
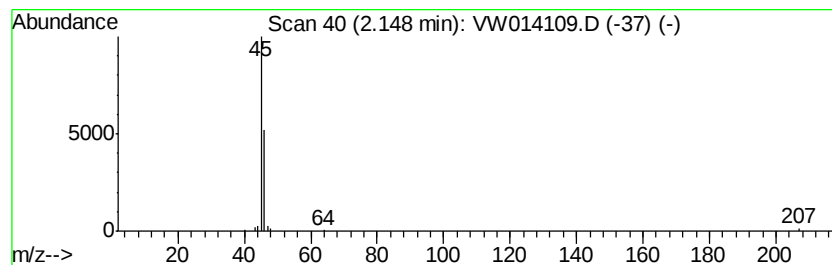
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 Dimethyl ether Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.59 ug/L	31364	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl ether	46	C2H6O	000115-10-6	74
2			Hydrazine, methyl-	46	CH6N2	000060-34-4	9
3			Dimethyl ether	46	C2H6O	000115-10-6	9
4			Ethanol	46	C2H6O	000064-17-5	9
5			Ethanol	46	C2H6O	000064-17-5	7



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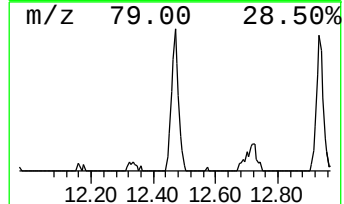
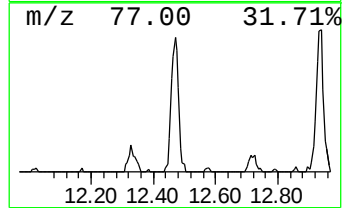
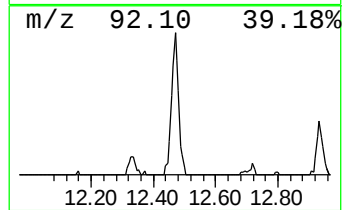
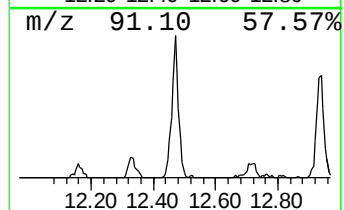
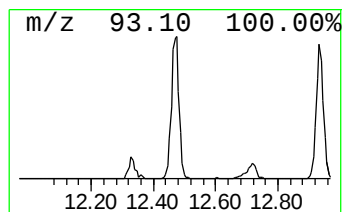
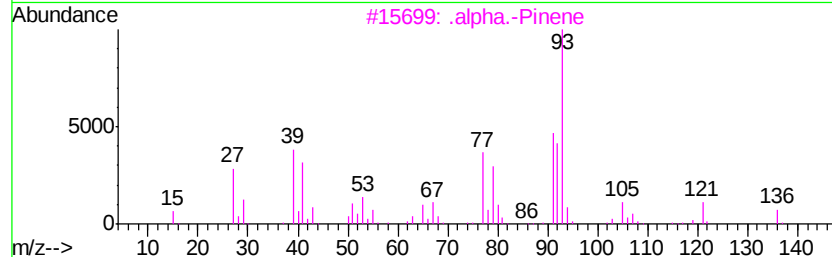
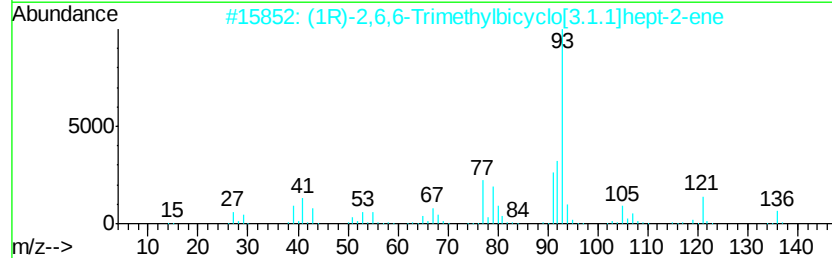
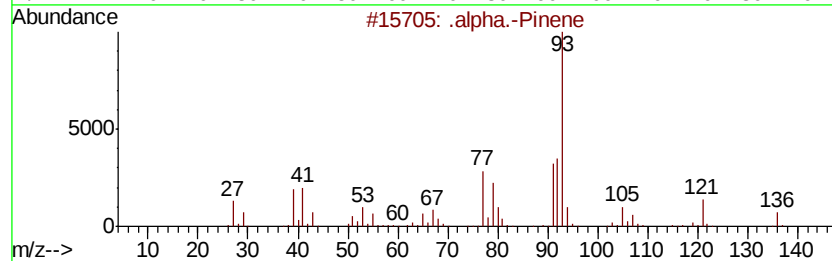
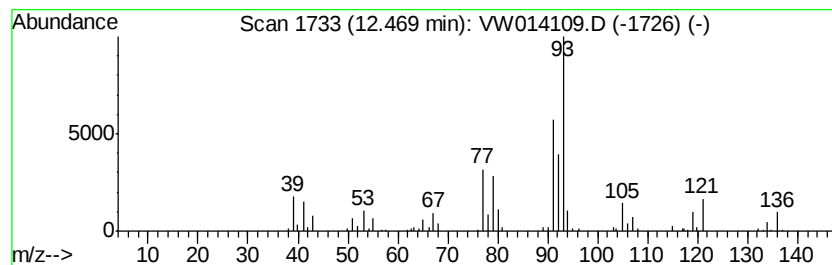
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Quant Title : VOC Analysis

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

Peak Number 6 .alpha.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	5.28 ug/L	71878	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	95
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	93
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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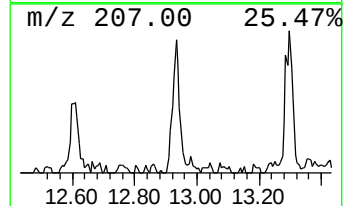
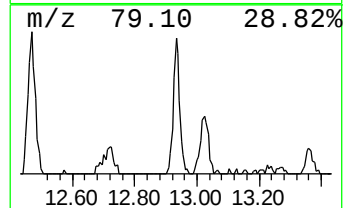
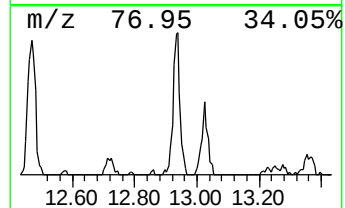
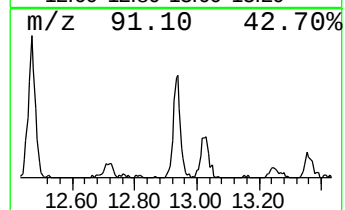
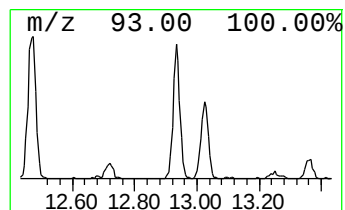
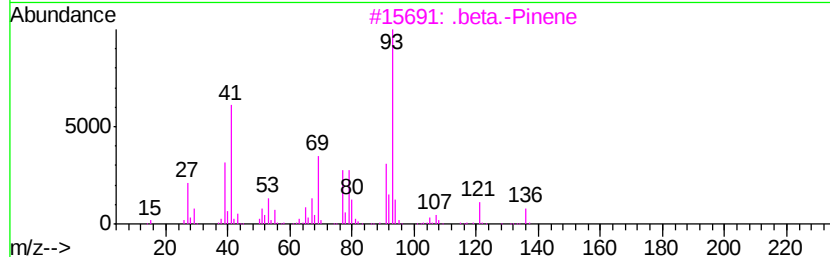
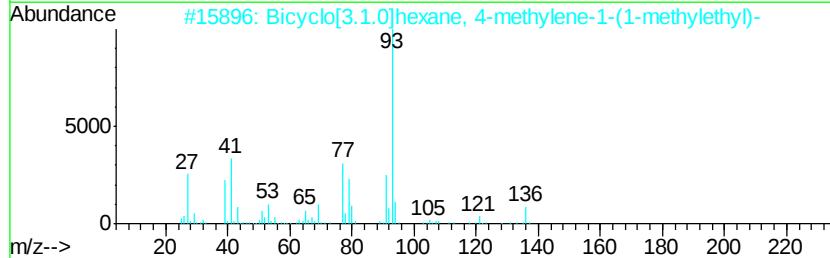
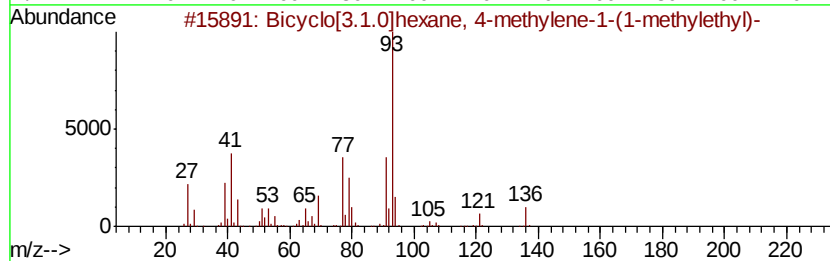
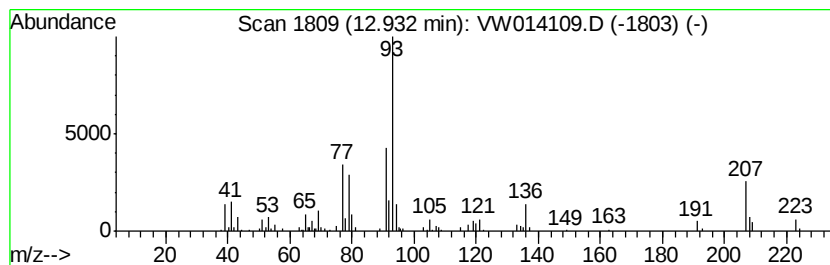
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TIC Integration Parameters: LSCINT.P

Peak Number 8 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	12.95 ug/L	68164	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 90
2		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 81
3		.beta.-Pinene	136 C10H16	000127-91-3 72
4		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 72
5		Cyclopentene, 3-isopropenyl-5,5-...	136 C10H16	1000162-25-4 72



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Acq On : 25 Nov 2019 14:06
Operator : SY/VA
Sample : K6007-06
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

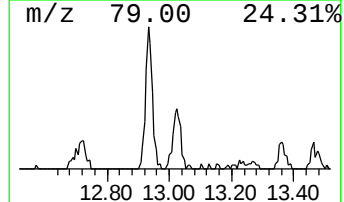
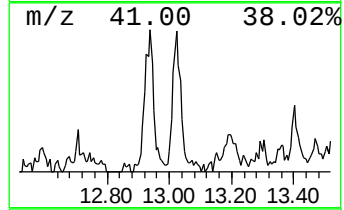
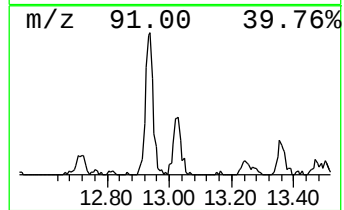
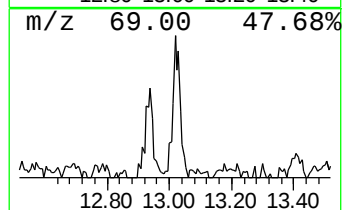
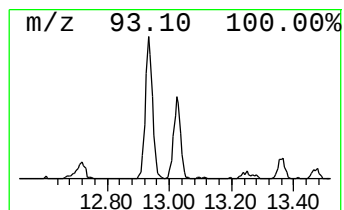
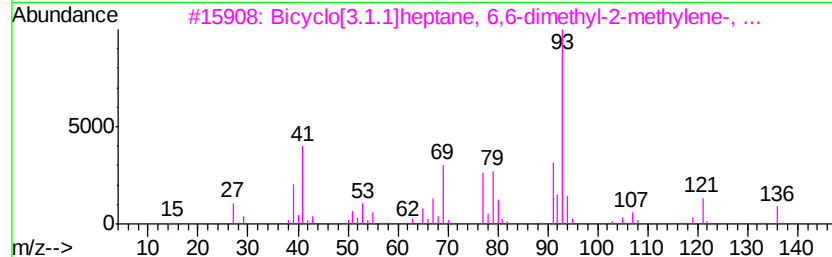
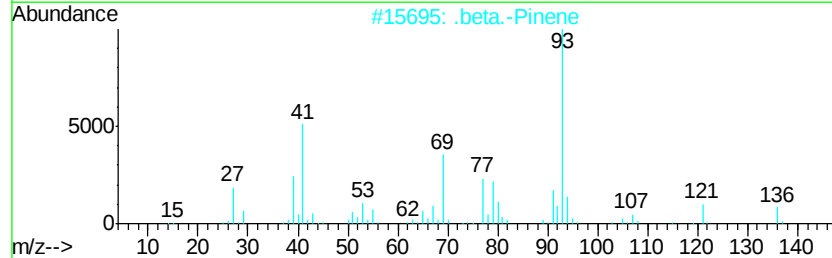
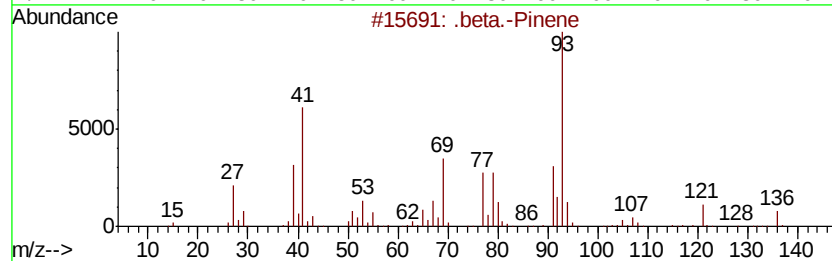
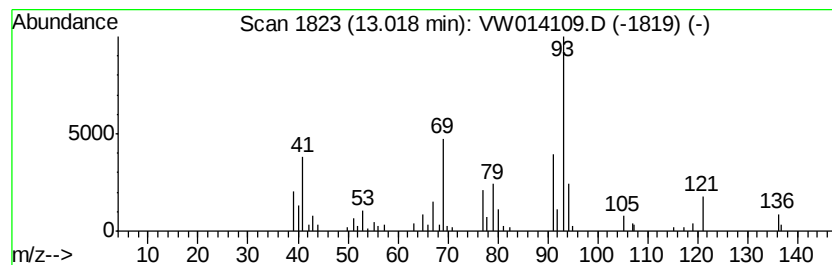
Instrument :
MSVOA_W
ClientSampled :
C0BL4

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 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.02	6.95 ug/L	36606	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	94
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
4	.beta.-Pinene	136	C10H16	000127-91-3	91
5	.gamma.-Terpinene	136	C10H16	000099-85-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112519\
Data File : VW014109.D
Acq On : 25 Nov 2019 14:06
Operator : SY/VA
Sample : K6007-06
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL4

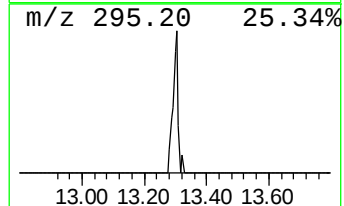
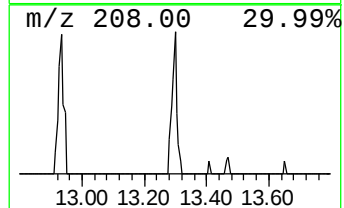
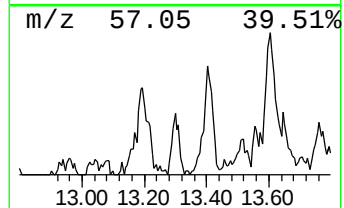
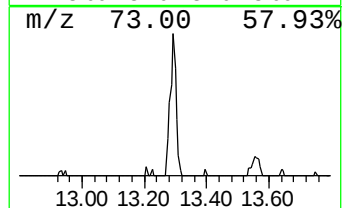
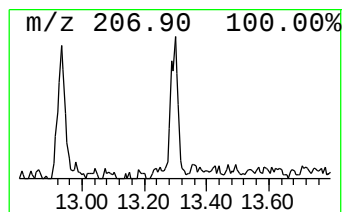
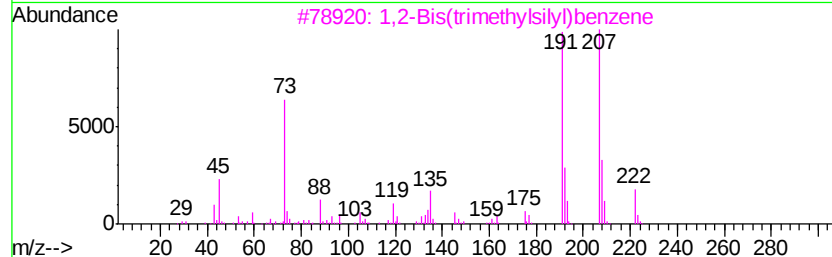
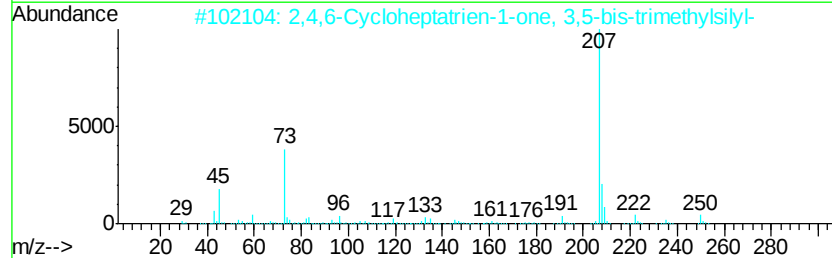
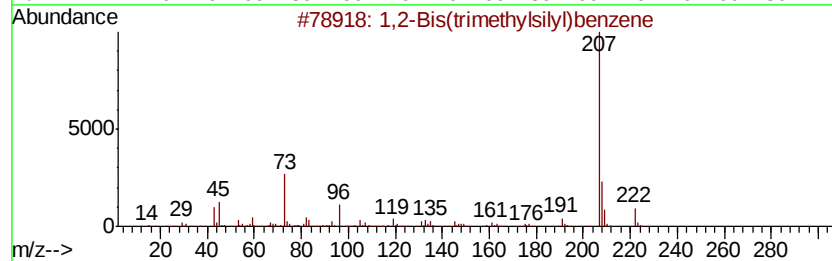
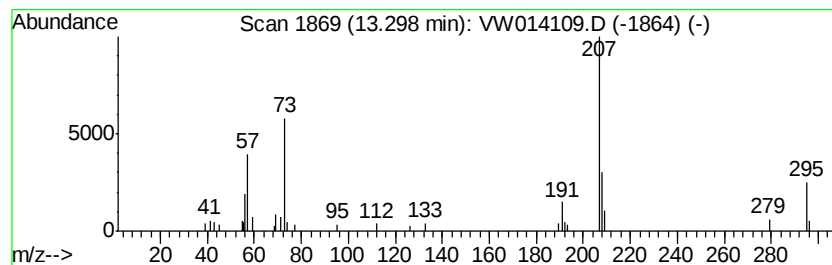
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Quant Title : VOC Analysis

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

Peak Number 10 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.52 ug/L	13282	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	38
2			2,4,6-Cycloheptatrien-1-one, 3,5...	250	C13H22OSi2	1000161-21-8	33
3			1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	33
4			Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	28
5			Glycine, N-(1-phenazinylicarbonyl...	295	C15H13N5O2	097706-61-1	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112519\
Data File : VW014109.D
Acq On : 25 Nov 2019 14:06
Operator : SY/VA
Sample : K6007-06
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL4

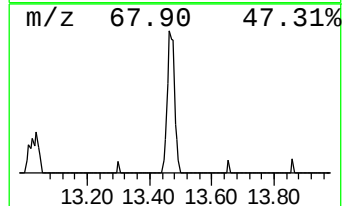
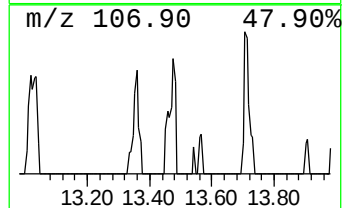
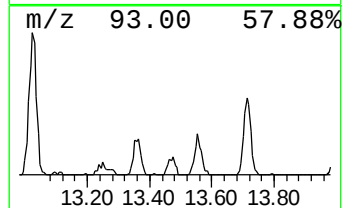
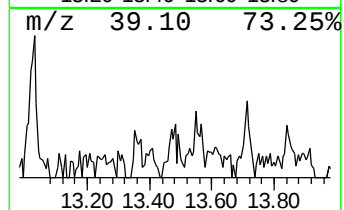
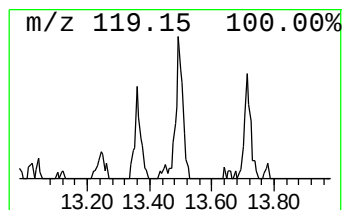
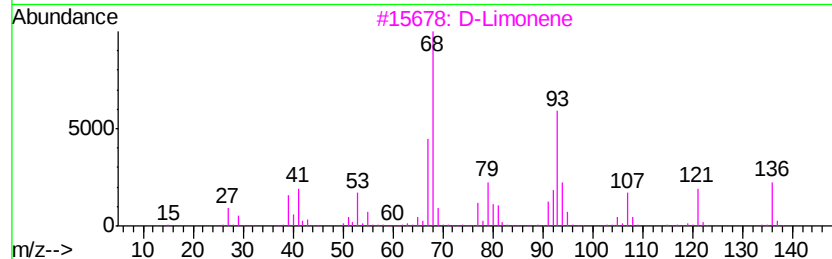
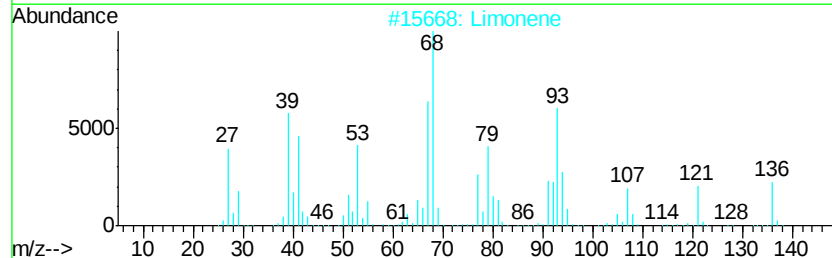
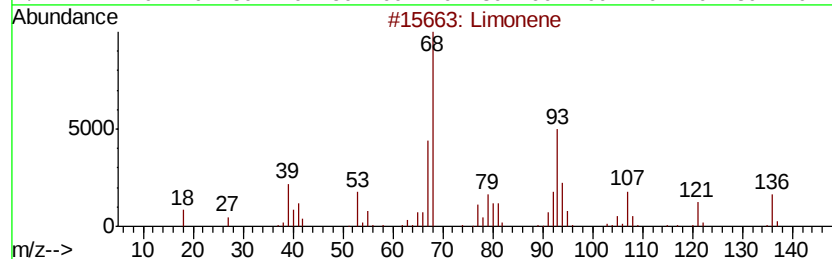
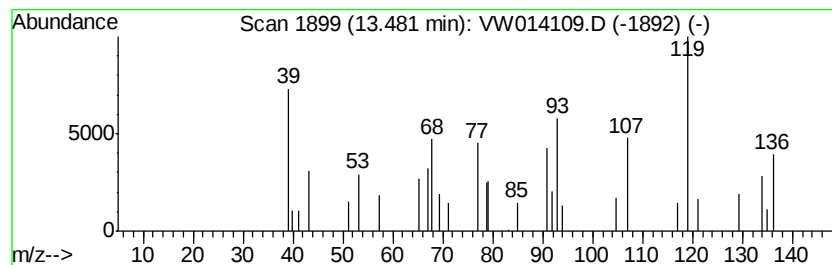
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Quant Title : VOC Analysis

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

Peak Number 12 Limonene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	1.90 ug/L	9980	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Limonene	136	C10H16	000138-86-3	52
2		Limonene	136	C10H16	000138-86-3	49
3		D-Limonene	136	C10H16	005989-27-5	46
4		D-Limonene	136	C10H16	005989-27-5	46
5		D-Limonene	136	C10H16	005989-27-5	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112519\
Data File : VW014109.D
Acq On : 25 Nov 2019 14:06
Operator : SY/VA
Sample : K6007-06
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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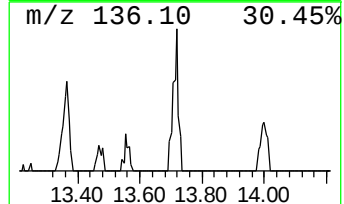
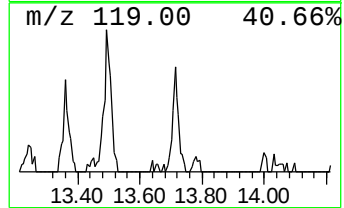
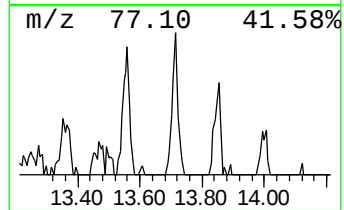
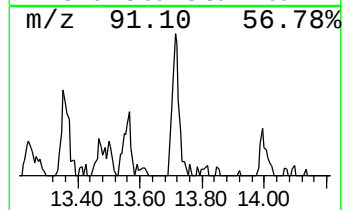
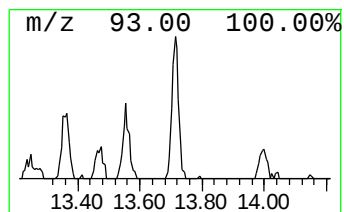
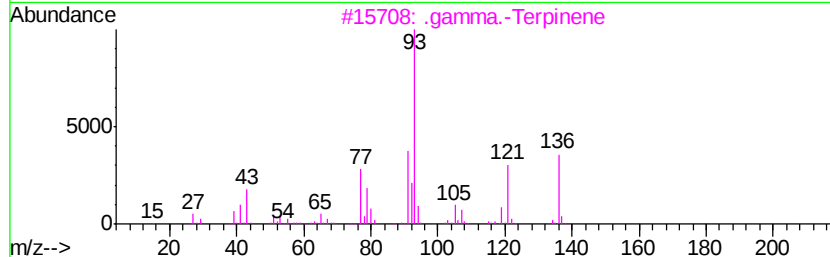
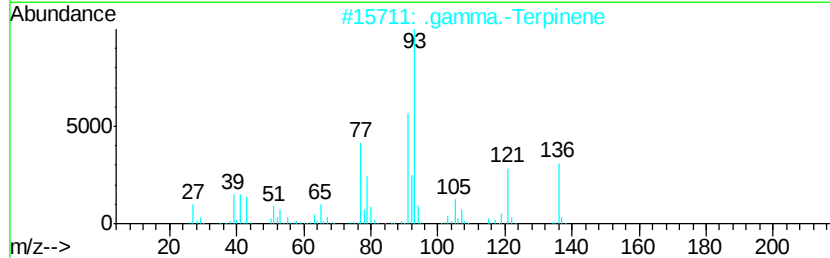
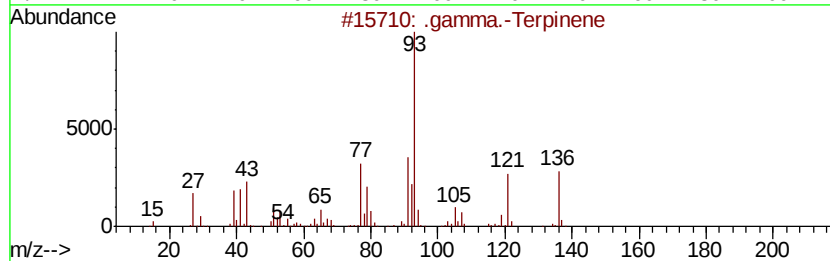
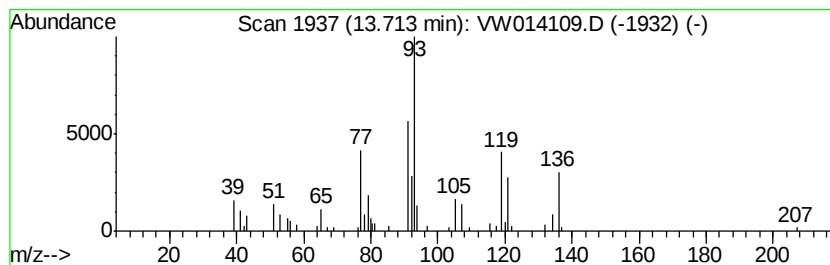
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Quant Title : VOC Analysis

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

Peak Number 13 .gamma.-Terpinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	4.17 ug/L	21977	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Terpinene	136	C10H16	000099-85-4	93
2		.gamma.-Terpinene	136	C10H16	000099-85-4	90
3		.gamma.-Terpinene	136	C10H16	000099-85-4	81
4		.gamma.-Terpinene	136	C10H16	000099-85-4	74
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112519\
Data File : VW014109.D
Acq On : 25 Nov 2019 14:06
Operator : SY/VA
Sample : K6007-06
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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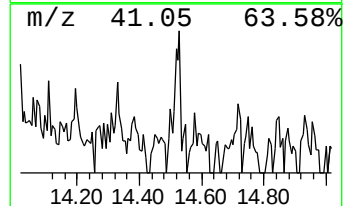
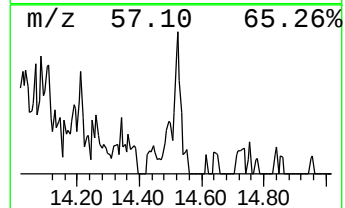
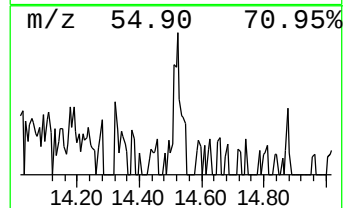
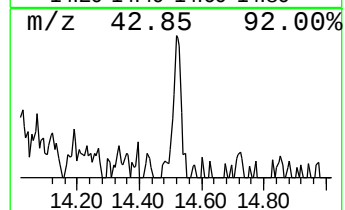
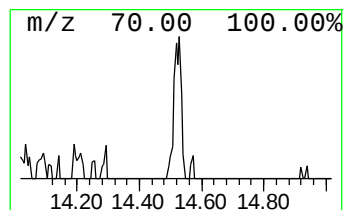
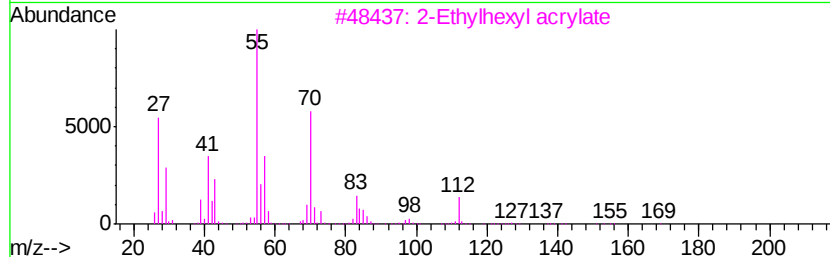
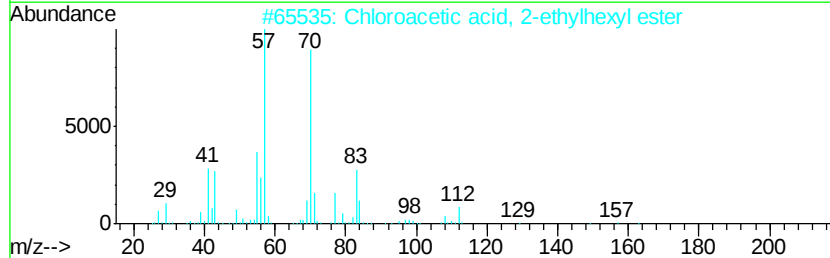
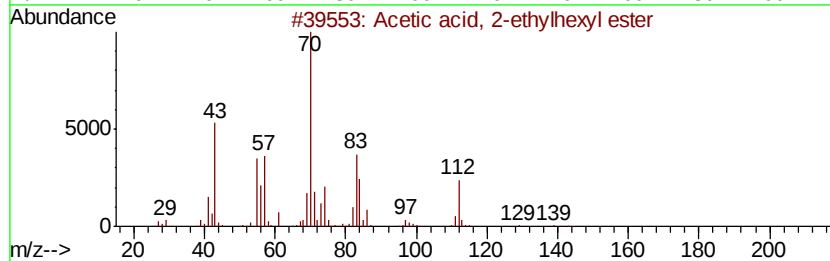
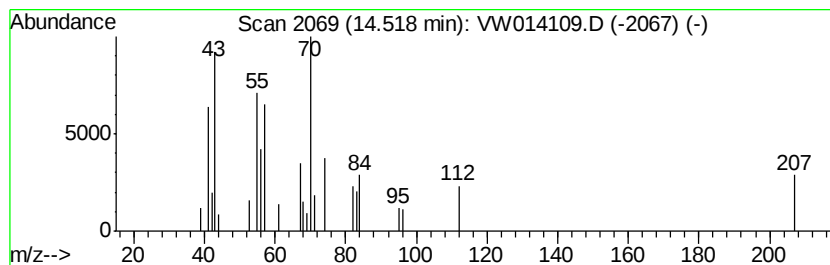
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 15 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	1.50 ug/L	7923	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	38
2			Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	35
3			2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	35
4			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	35
5			3-Methylheptyl acetate	172	C10H20O2	072218-58-7	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112519\
Data File : VW014109.D
Acq On : 25 Nov 2019 14:06
Operator : SY/VA
Sample : K6007-06
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL4

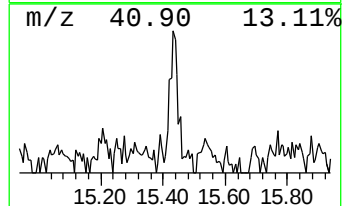
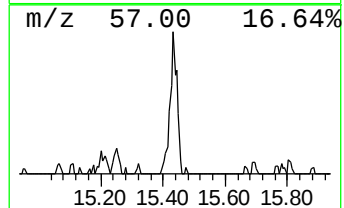
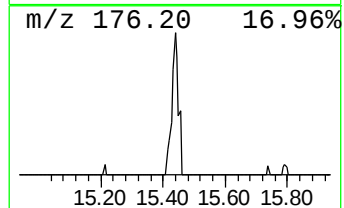
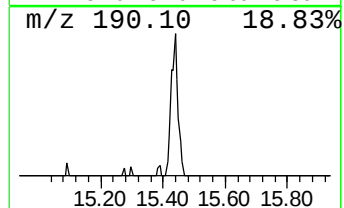
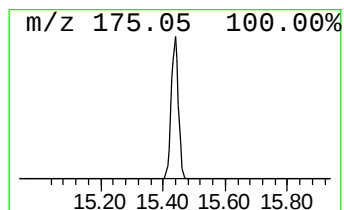
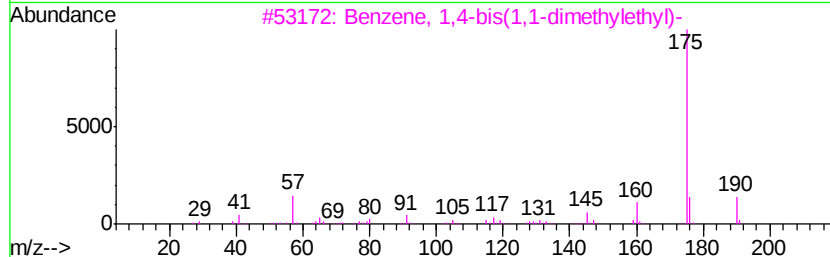
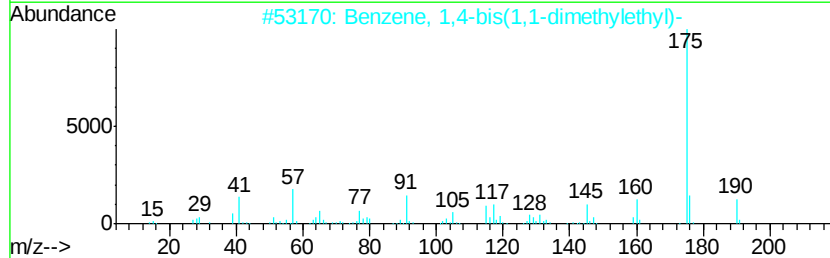
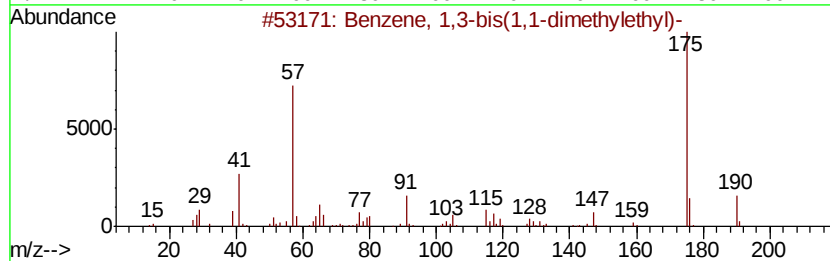
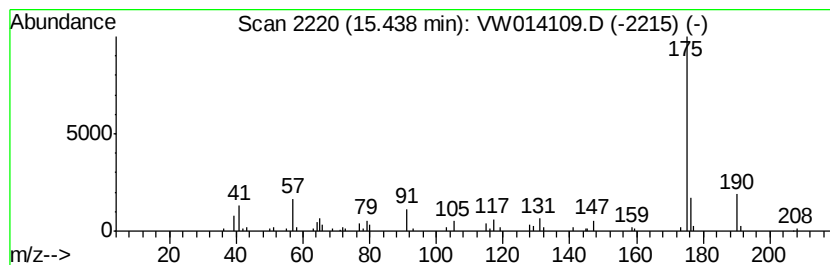
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 16 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	5.43 ug/L	28616	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	90
3		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
4		Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	80
5		Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112519\
Data File : VW014109.D
Acq On : 25 Nov 2019 14:06
Operator : SY/VA
Sample : K6007-06
Misc : 5.16G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BL4

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	1.6	ug/L	31364	1	8.84	493694	25.0
.alpha.-Pinene	12.47	5.3	ug/L	71878	2	11.63	340126	25.0
Bicyclo[3.1.0]hex...	12.93	12.9	ug/L	68164	3	13.55	131636	25.0
.beta.-Pinene	13.02	7.0	ug/L	36606	3	13.55	131636	25.0
unknown-02	13.30	2.5	ug/L	13282	3	13.55	131636	25.0
Cyclohexene, 1-me...	13.36	2.9	ug/L	15169	3	13.55	131636	25.0
Limonene	13.48	1.9	ug/L	9980	3	13.55	131636	25.0
.gamma.-Terpinene	13.71	4.2	ug/L	21977	3	13.55	131636	25.0
unknown-04	14.52	1.5	ug/L	7923	3	13.55	131636	25.0
Benzene, 1,3-bis(...	15.44	5.4	ug/L	28616	3	13.55	131636	25.0