

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\
 Data File : VW003562.D
 Acq On : 25 Jun 2018 23:54
 Operator : SY/AP
 Sample : J3621-19RE
 Misc : 3.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ93RE

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\SOM2WLM062018S.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	1.807	27	36	57	rVB	6006784	12383243	88.89%	28.864%
2	2.160	87	94	99	rBV2	7146	19189	0.14%	0.045%
3	2.343	116	124	138	rBV2	45712	108552	0.78%	0.253%
4	2.892	207	214	226	rVB	35447	91332	0.66%	0.213%
5	3.800	361	363	365	rBV2	861	527	0.00%	0.001%
6	3.831	365	368	369	rBV3	526	438	0.00%	0.001%
7	3.855	369	372	376	rVB3	672	1130	0.01%	0.003%
8	4.007	386	397	410	rBV	62868	198884	1.43%	0.464%
9	4.142	412	419	436	rVB	16372	55247	0.40%	0.129%
10	4.361	449	455	456	rBV	2084	2876	0.02%	0.007%
11	4.459	466	471	472	rBV2	419	429	0.00%	0.001%
12	4.495	474	477	478	rBV2	548	500	0.00%	0.001%
13	4.837	530	533	536	rBV3	290	507	0.00%	0.001%
14	4.916	536	546	557	rBV4	4545	17287	0.12%	0.040%
15	5.184	587	590	591	rBV3	409	414	0.00%	0.001%
16	5.257	601	602	609	rVB2	431	649	0.00%	0.002%
17	5.794	685	690	692	rVV4	528	705	0.01%	0.002%
18	5.934	705	713	723	rVB4	4016	12124	0.09%	0.028%
19	6.208	755	758	759	rBV3	471	430	0.00%	0.001%
20	6.507	802	807	810	rBV3	266	393	0.00%	0.001%
21	6.824	854	859	860	rBV2	338	446	0.00%	0.001%
22	6.958	877	881	882	rBV4	406	472	0.00%	0.001%
23	6.989	882	886	889	rBV4	453	732	0.01%	0.002%
24	7.092	893	903	914	rBV	30381	90841	0.65%	0.212%
25	7.281	931	934	936	rVV3	453	412	0.00%	0.001%
26	7.421	952	957	958	rBV2	299	470	0.00%	0.001%
27	7.519	970	973	974	rBV2	530	453	0.00%	0.001%
28	7.537	974	976	982	rVB6	645	1195	0.01%	0.003%
29	7.647	984	994	1007	rVV	134040	326362	2.34%	0.761%
30	7.739	1007	1009	1014	rVB3	377	389	0.00%	0.001%
31	7.873	1025	1031	1038	rBV6	1887	4297	0.03%	0.010%
32	7.946	1038	1043	1050	rVB7	913	1764	0.01%	0.004%
33	8.275	1087	1097	1117	rBV2	227918	668805	4.80%	1.559%
34	8.629	1153	1155	1158	rBV3	457	386	0.00%	0.001%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Title : VOC Analysis

35	8.714	1161	1169	1175	rBV8	1931	4844	0.03%	0.011%
36	8.848	1181	1191	1203	rBV	203015	408359	2.93%	0.952%
37	9.092	1224	1231	1240	rVB6	2564	5589	0.04%	0.013%
38	9.281	1252	1262	1278	rBV	196054	402962	2.89%	0.939%
39	9.464	1286	1292	1296	rVB6	572	975	0.01%	0.002%
40	9.665	1322	1325	1331	rVB3	700	1053	0.01%	0.002%
41	9.866	1356	1358	1361	rBV2	389	393	0.00%	0.001%
42	9.909	1361	1365	1376	rBV7	943	2560	0.02%	0.006%
43	10.037	1379	1386	1394	rBV2	42264	76426	0.55%	0.178%
44	10.226	1410	1417	1420	rBV5	850	1536	0.01%	0.004%
45	10.329	1426	1434	1441	rBV	263691	464839	3.34%	1.083%
46	10.390	1441	1444	1451	rVB	5666	8579	0.06%	0.020%
47	10.512	1459	1464	1466	rBV4	1466	2184	0.02%	0.005%
48	10.579	1469	1475	1482	rVV	15880	27924	0.20%	0.065%
49	10.707	1492	1496	1500	rBV4	1432	2460	0.02%	0.006%
50	10.933	1525	1533	1546	rBV	97258	168914	1.21%	0.394%
51	11.073	1553	1556	1562	rBV4	1197	1826	0.01%	0.004%
52	11.201	1572	1577	1580	rVV6	1047	1918	0.01%	0.004%
53	11.268	1586	1588	1591	rBV2	495	539	0.00%	0.001%
54	11.409	1605	1611	1613	rBV3	643	1009	0.01%	0.002%
55	11.512	1625	1628	1630	rBV3	541	452	0.00%	0.001%
56	11.634	1641	1648	1658	rVB	190598	323477	2.32%	0.754%
57	11.732	1658	1664	1669	rBV4	770	1851	0.01%	0.004%
58	11.823	1674	1679	1686	rBV9	4006	11022	0.08%	0.026%
59	12.024	1705	1712	1717	rBV3	3188	6274	0.05%	0.015%
60	12.116	1721	1727	1731	rBV5	2239	4685	0.03%	0.011%
61	12.262	1747	1751	1755	rVB3	1917	3021	0.02%	0.007%
62	12.372	1755	1769	1776	rBV	40087	79673	0.57%	0.186%
63	12.475	1776	1786	1801	rBV	8520555	13930572	100.00%	32.471%
64	12.616	1805	1809	1814	rVV2	11797	22113	0.16%	0.052%
65	12.695	1814	1822	1824	rVV2	201483	348451	2.50%	0.812%
66	12.725	1824	1827	1833	rVV	312602	525882	3.78%	1.226%
67	12.780	1833	1836	1846	rVB3	18498	34948	0.25%	0.081%
68	12.927	1854	1860	1865	rBV	265943	438121	3.15%	1.021%
69	13.036	1871	1878	1893	rVB	5505684	9102277	65.34%	21.217%
70	13.207	1901	1906	1911	rBV2	32558	49841	0.36%	0.116%
71	13.256	1911	1914	1921	rVB7	5983	9665	0.07%	0.023%

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Integration Parameters: LSCINT.P

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 Title : VOC Analysis

72	13.372	1928	1933	1936	rBV2	28791	45119	0.32%	0.105%
73	13.475	1942	1950	1952	rBV2	260185	495977	3.56%	1.156%
74	13.506	1952	1955	1960	rVV	614004	894089	6.42%	2.084%
75	13.567	1960	1965	1973	rVB	134626	216936	1.56%	0.506%
76	13.658	1973	1980	1986	rBV2	19625	34086	0.24%	0.079%
77	13.859	2006	2013	2023	rVB	133613	231194	1.66%	0.539%
78	14.012	2033	2038	2042	rBV5	7249	12474	0.09%	0.029%
79	14.054	2042	2045	2047	rBV3	4465	4768	0.03%	0.011%
80	14.219	2068	2072	2073	rBV2	1998	2480	0.02%	0.006%
81	14.341	2086	2092	2099	rBV8	5982	10882	0.08%	0.025%
82	14.396	2099	2101	2104	rVV4	1441	2259	0.02%	0.005%
83	14.445	2104	2109	2117	rVB4	16926	32983	0.24%	0.077%
84	14.603	2133	2135	2136	rBV2	713	620	0.00%	0.001%
85	14.634	2138	2140	2146	rVB3	2390	2564	0.02%	0.006%
86	14.701	2146	2151	2155	rBV4	8210	13480	0.10%	0.031%
87	14.792	2163	2166	2173	rVB8	2618	4117	0.03%	0.010%
88	14.865	2173	2178	2183	rBV2	45138	72488	0.52%	0.169%
89	14.920	2183	2187	2192	rVB5	9531	15764	0.11%	0.037%
90	15.018	2201	2203	2207	rBV5	1951	3614	0.03%	0.008%
91	15.079	2208	2213	2221	rBV4	20647	45588	0.33%	0.106%
92	15.170	2224	2228	2234	rVB5	27070	49984	0.36%	0.117%
93	15.408	2263	2267	2275	rVB9	4989	10466	0.08%	0.024%
94	15.518	2275	2285	2299	rVB3	18865	49249	0.35%	0.115%
95	15.670	2304	2310	2315	rBV7	1896	4850	0.03%	0.011%
96	15.829	2330	2336	2342	rVB9	3398	6146	0.04%	0.014%
97	16.030	2364	2369	2373	rBV6	3355	6474	0.05%	0.015%
98	16.139	2385	2387	2390	rBV4	1283	1575	0.01%	0.004%
99	16.609	2456	2464	2474	rBV2	64152	141338	1.01%	0.329%
100	16.731	2478	2484	2492	rVB10	8502	21032	0.15%	0.049%

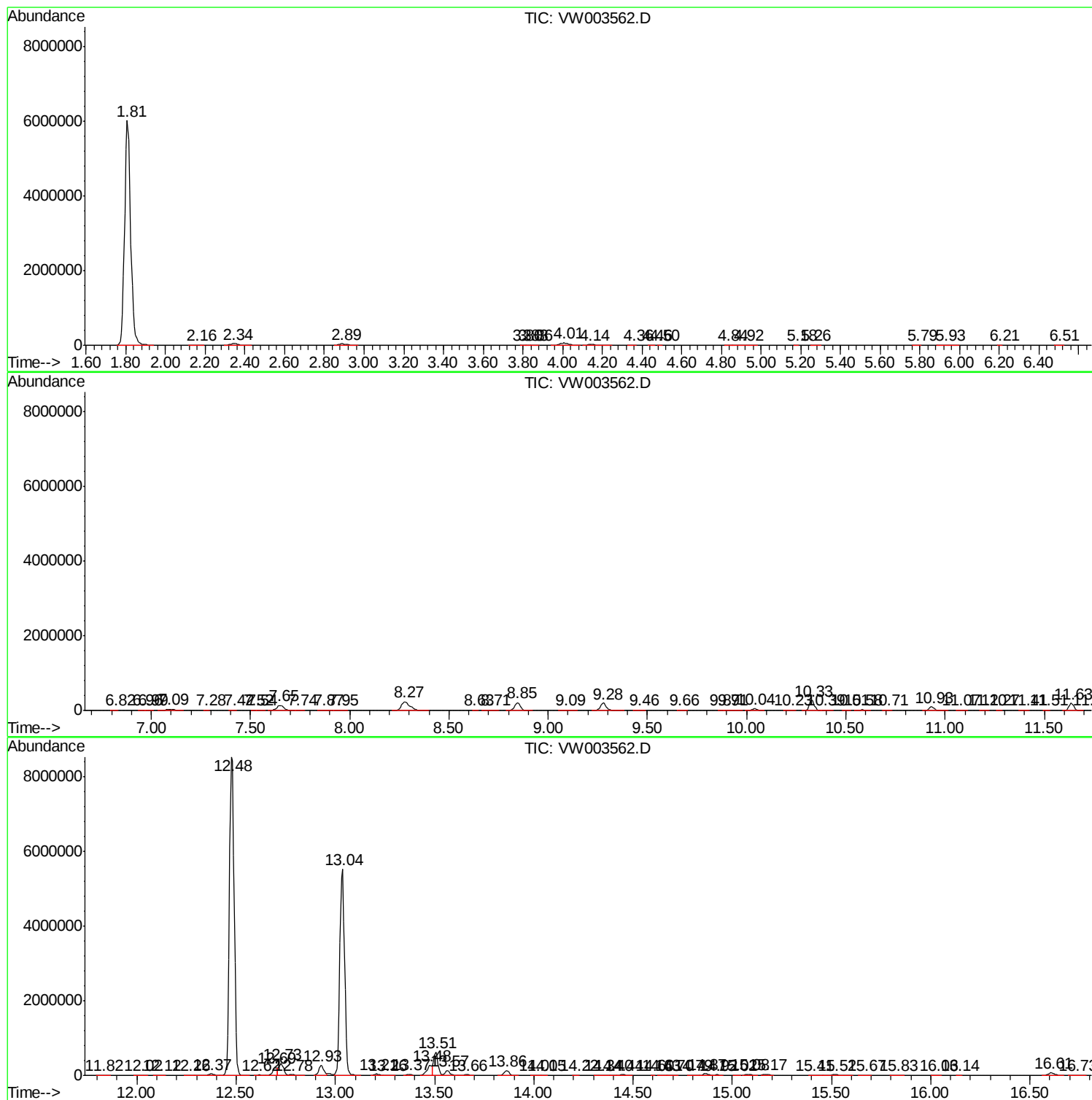
Sum of corrected areas: 42901690

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



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Instrument :
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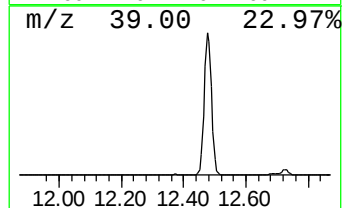
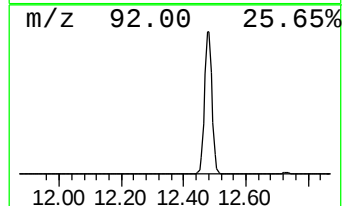
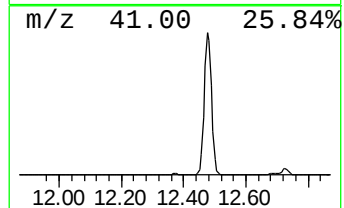
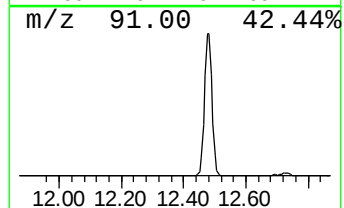
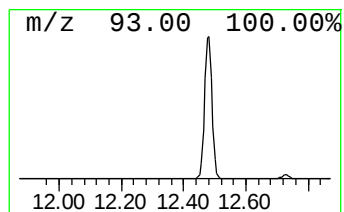
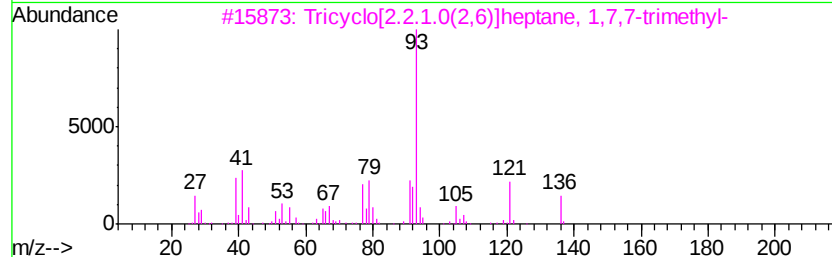
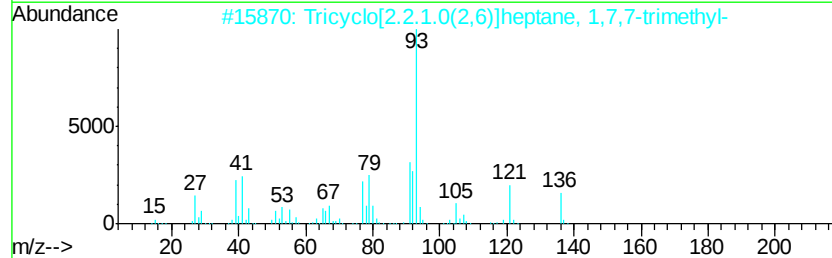
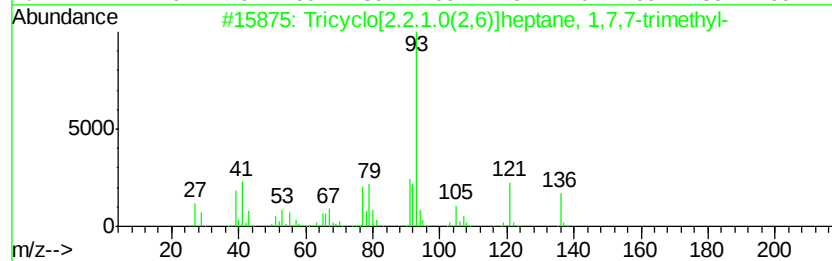
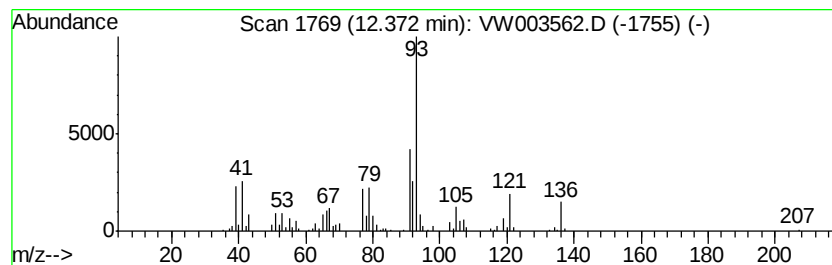
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 3 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	6.16 ug/L	79673	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	97
2		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	94
3		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	93
4		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	93
5		3-Carene	136	C10H16	013466-78-9	93



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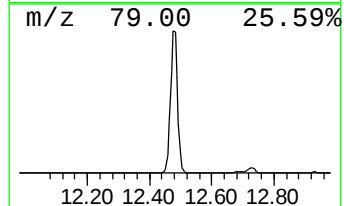
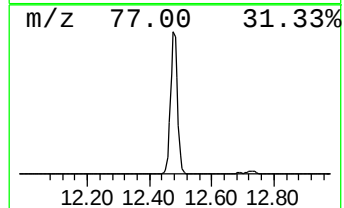
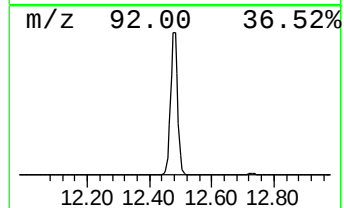
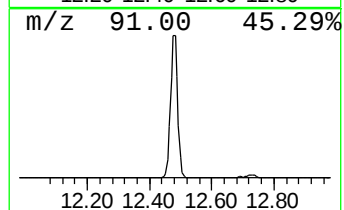
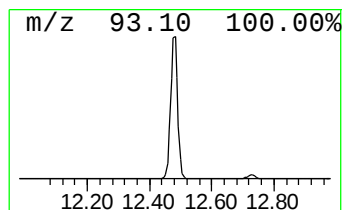
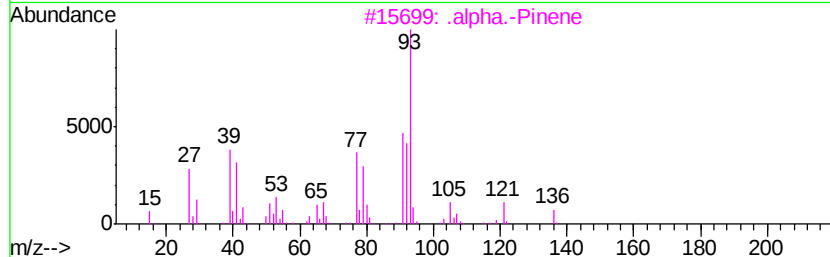
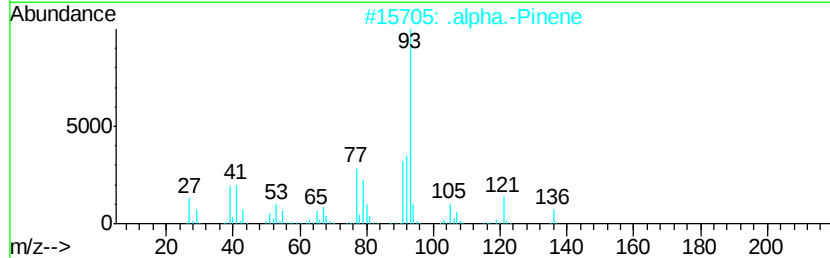
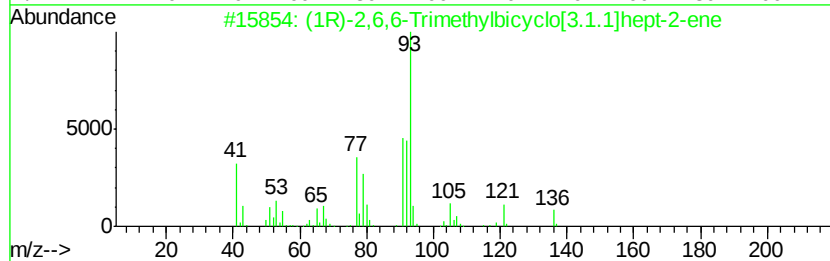
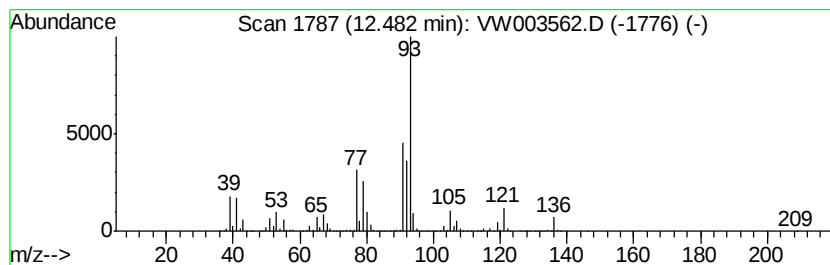
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Quant Title : VOC Analysis

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

Peak Number 4 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	1076.63 ug/L	13930600	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	97
3		.alpha.-Pinene	136	C10H16	000080-56-8	95
4		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91



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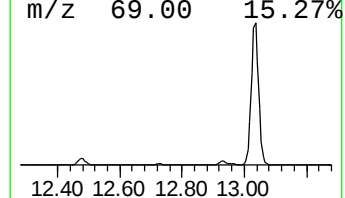
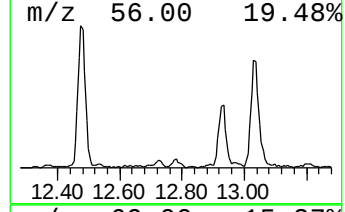
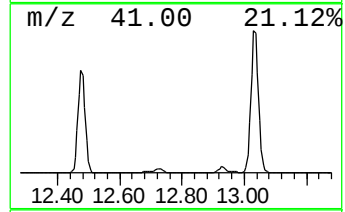
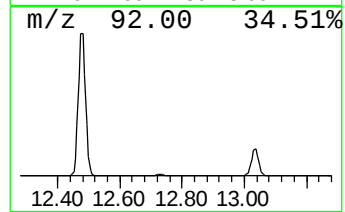
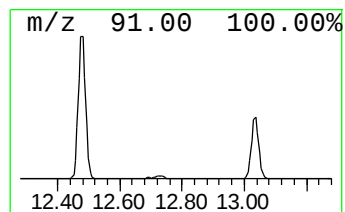
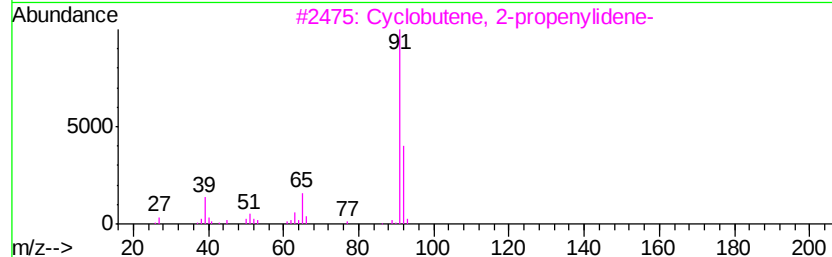
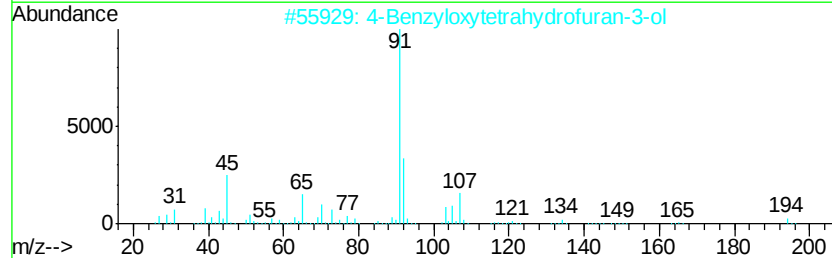
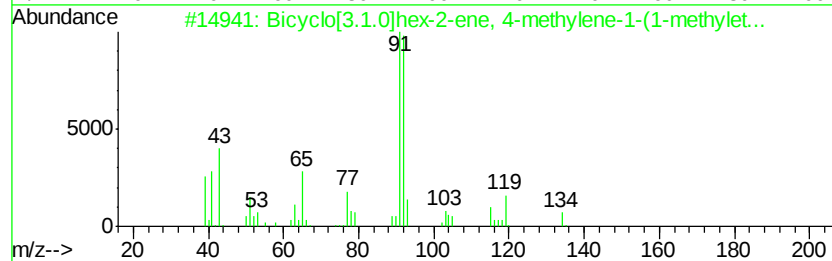
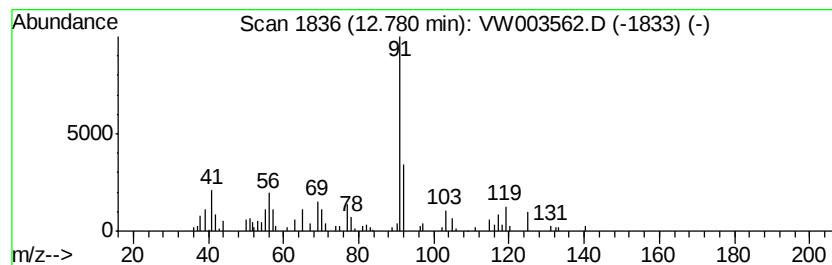
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 6 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	4.03 ug/L	34948	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hex-2-ene, 4-methy...	134	C10H14	036262-09-6	32
2		4-Benzyloxytetrahydrofuran-3-ol	194	C11H14O3	1000191-97-4	25
3		Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	22
4		Bicyclo[3.2.0]hepta-2,6-diene	92	C7H8	002422-86-8	22
5		Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

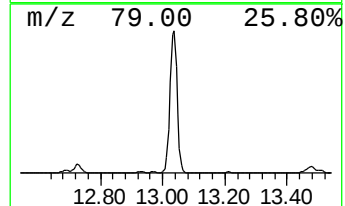
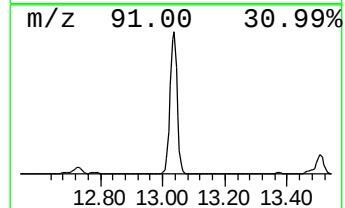
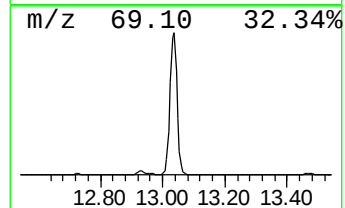
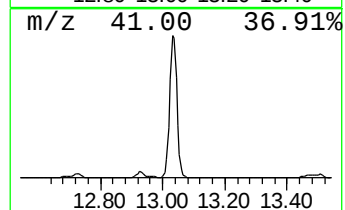
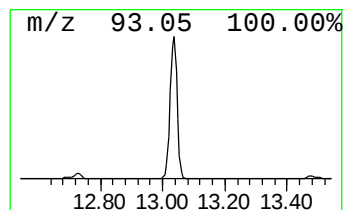
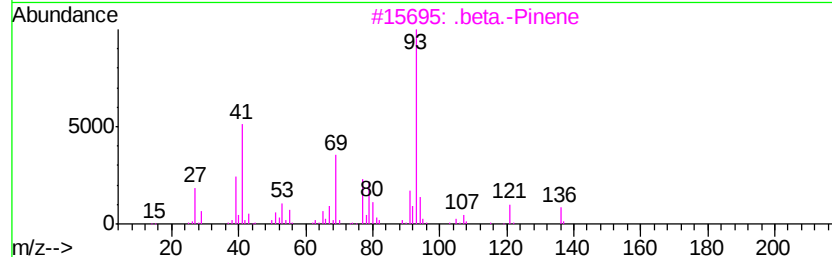
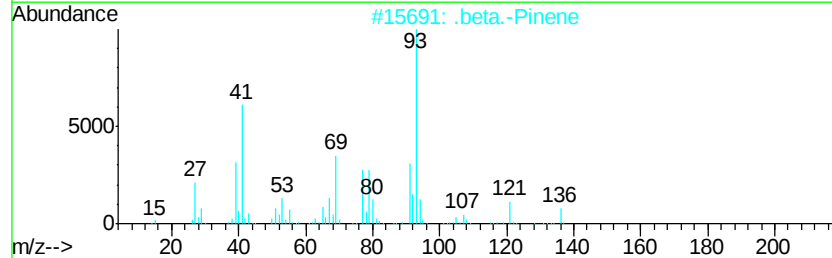
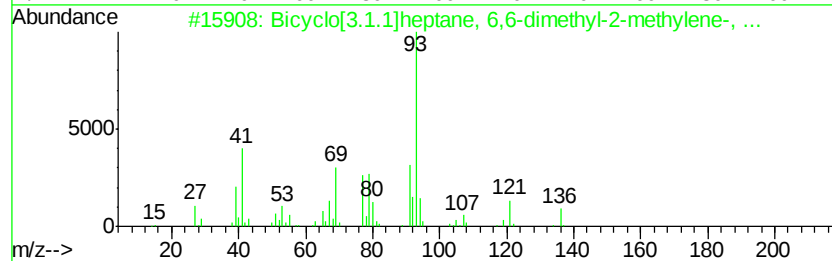
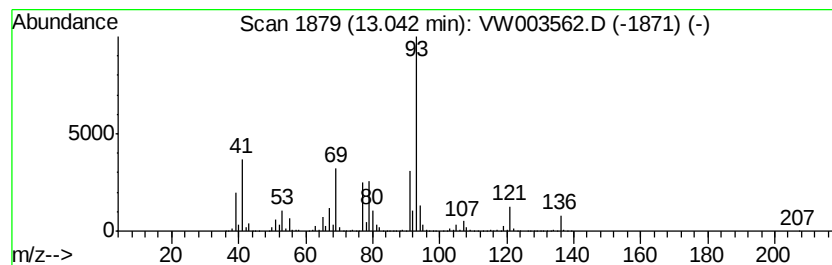
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Quant Title : VOC Analysis

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

Peak Number 8 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	1048.96 ug/L	9102280	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2		.beta.-Pinene	136	C10H16	000127-91-3	96
3		.beta.-Pinene	136	C10H16	000127-91-3	95
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

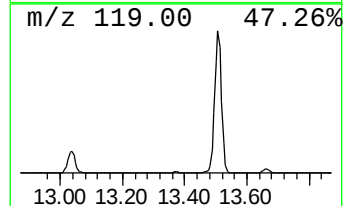
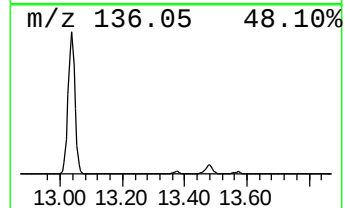
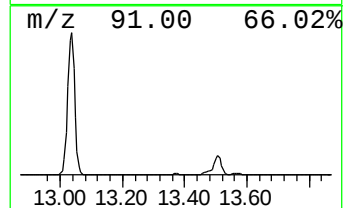
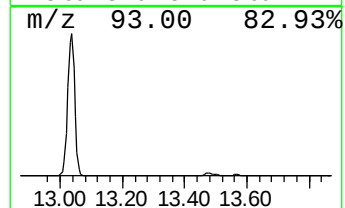
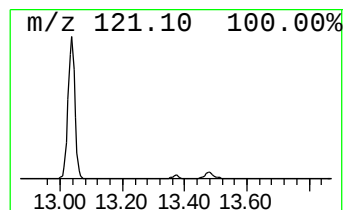
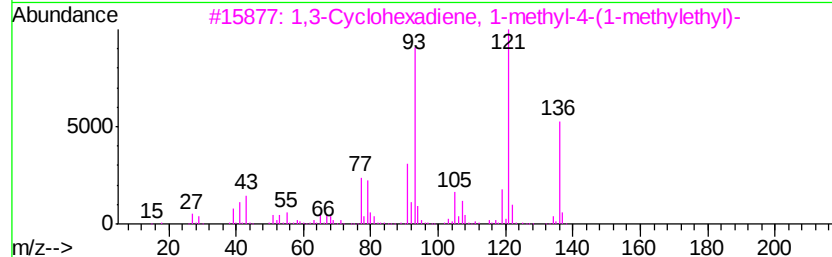
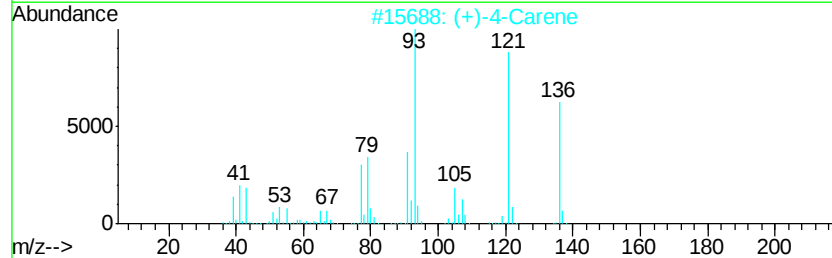
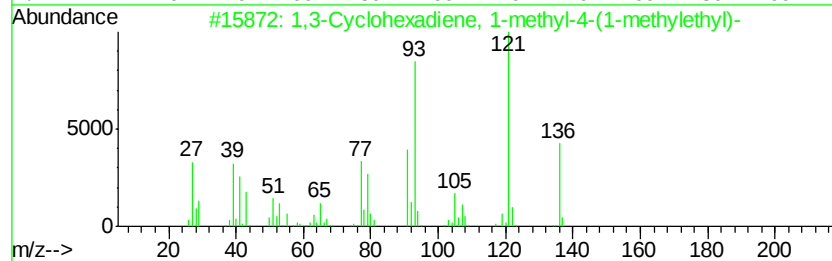
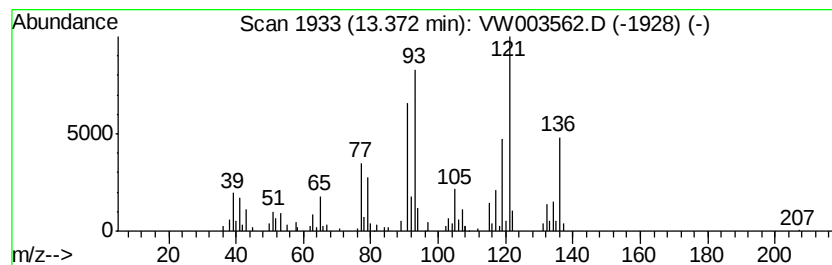
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Quant Title : VOC Analysis

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

Peak Number 10 1,3-Cyclohexadiene, 1-methy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	5.20 ug/L	45119	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	96
2			(+)-4-Carene	136	C10H16	029050-33-7	94
3			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	90
4			2-Carene	136	C10H16	000554-61-0	86
5			Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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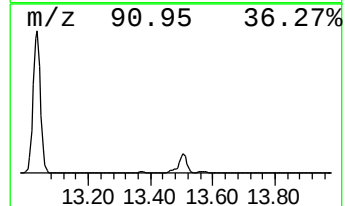
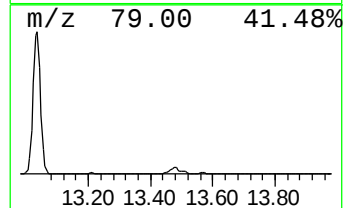
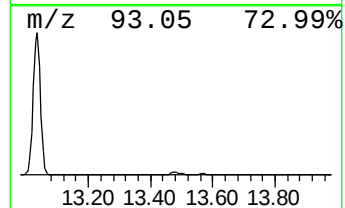
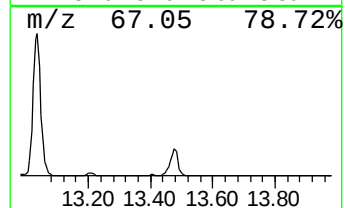
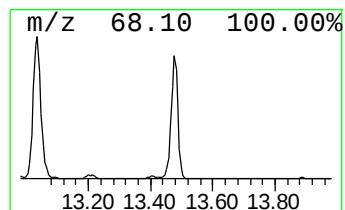
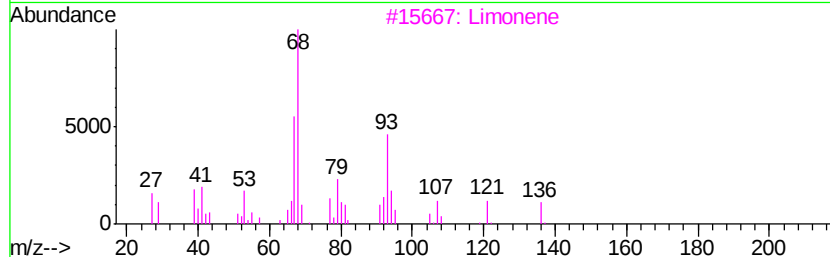
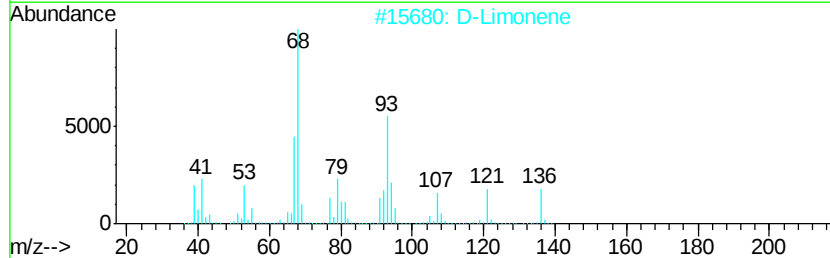
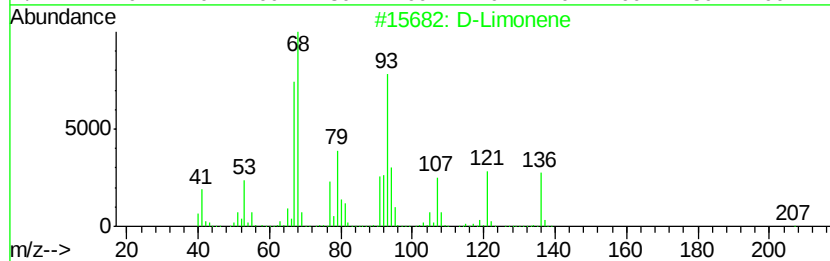
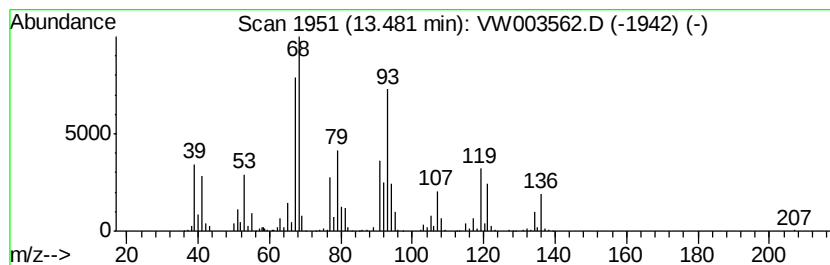
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Quant Title : VOC Analysis

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

Peak Number 11 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	57.16 ug/L	495977	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	96
2		D-Limonene	136	C10H16	005989-27-5	94
3		Limonene	136	C10H16	000138-86-3	86
4		Limonene	136	C10H16	000138-86-3	76
5		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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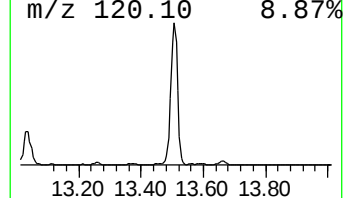
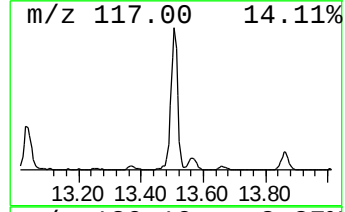
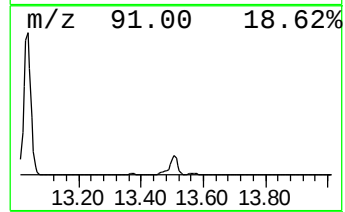
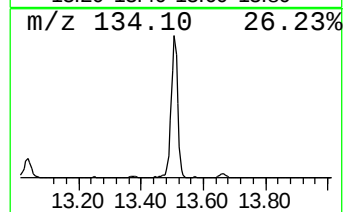
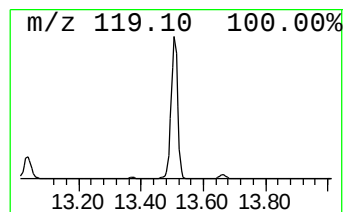
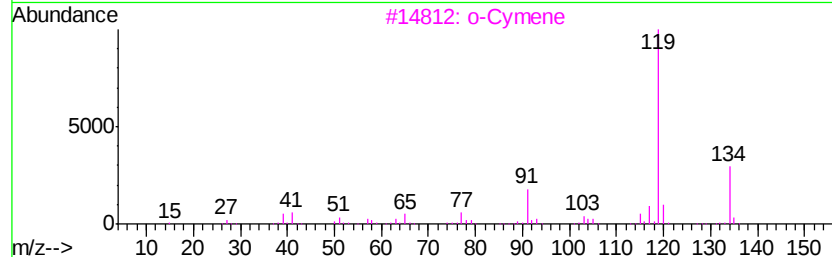
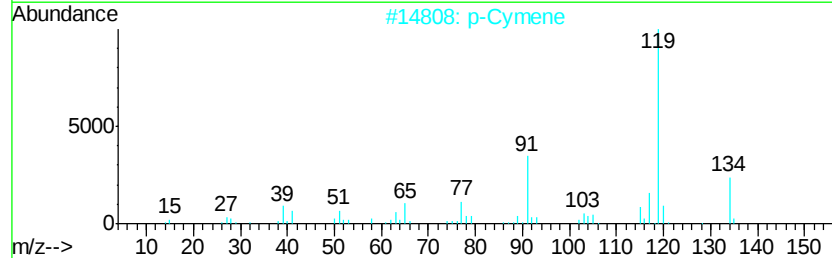
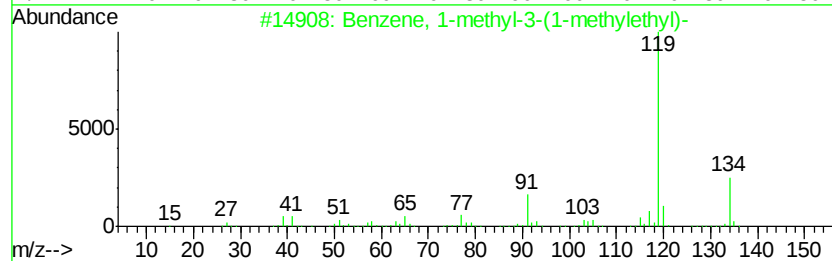
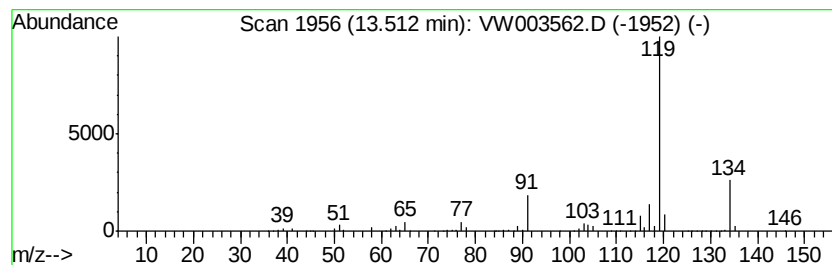
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Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	103.04 ug/L	894089	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2		p-Cymene	134	C10H14	000099-87-6	94
3		o-Cymene	134	C10H14	000527-84-4	91
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
 Data File : VW003562.D
 Acq On : 25 Jun 2018 23:54
 Operator : SY/AP
 Sample : J3621-19RE
 Misc : 3.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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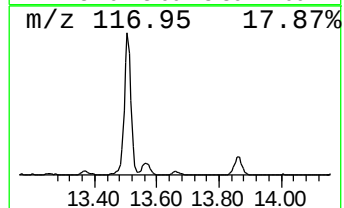
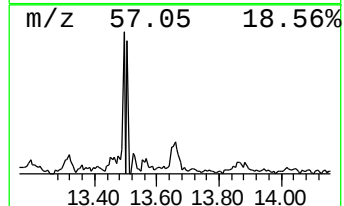
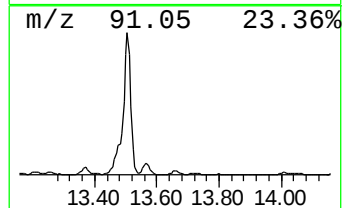
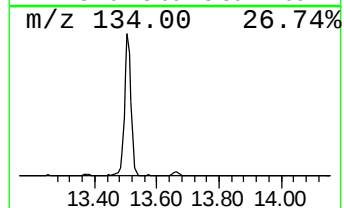
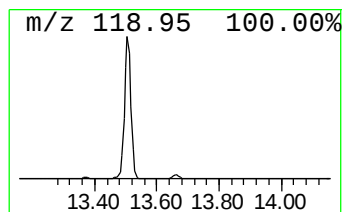
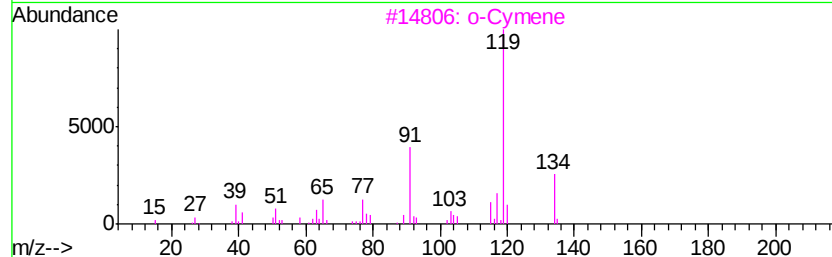
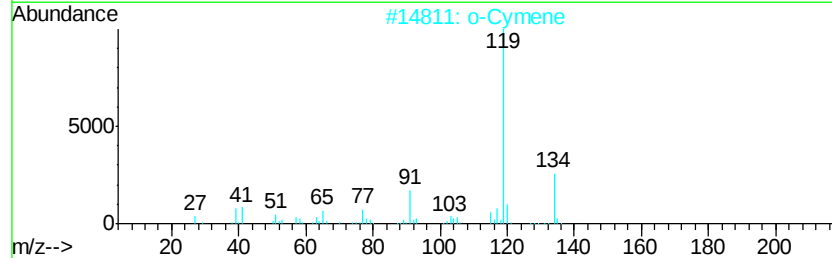
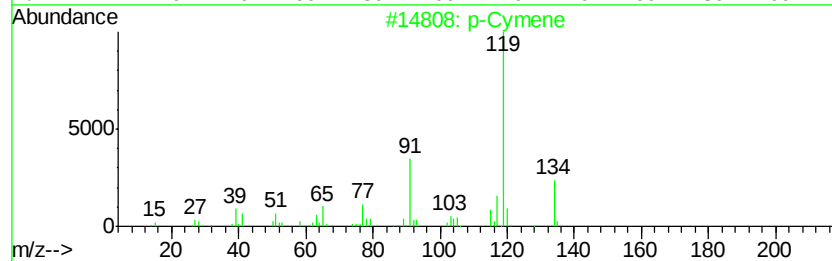
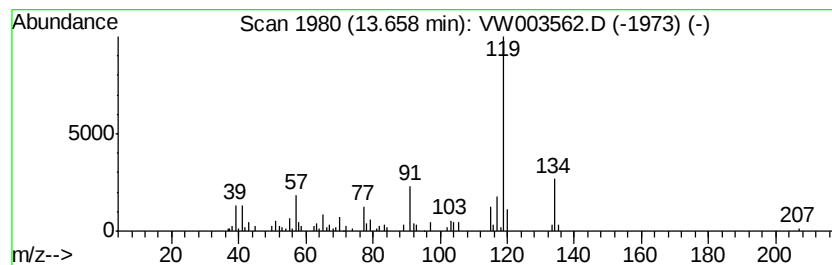
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 Quant Title : VOC Analysis

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

 Peak Number 13 p-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.93 ug/L	34086	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	96
2		o-Cymene	134	C10H14	000527-84-4	94
3		o-Cymene	134	C10H14	000527-84-4	94
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5		o-Cymene	134	C10H14	000527-84-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
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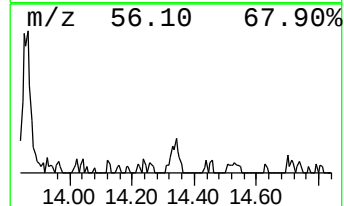
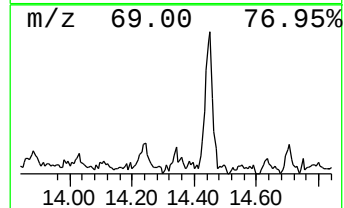
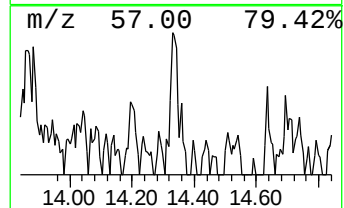
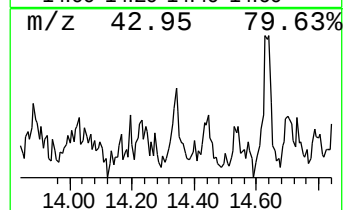
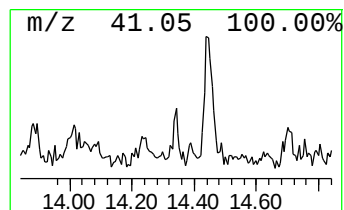
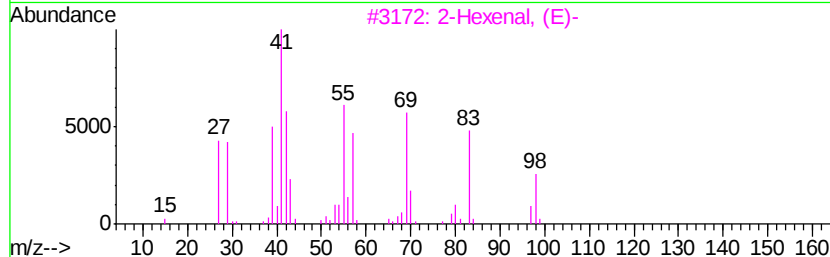
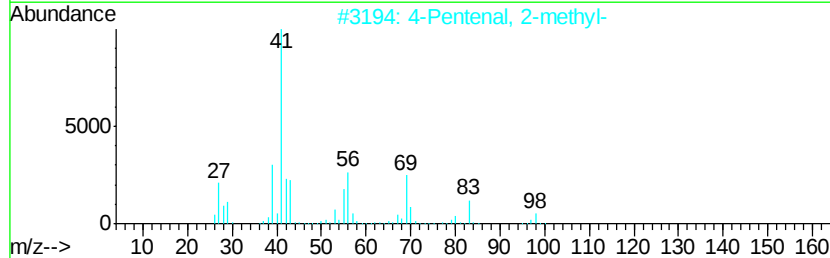
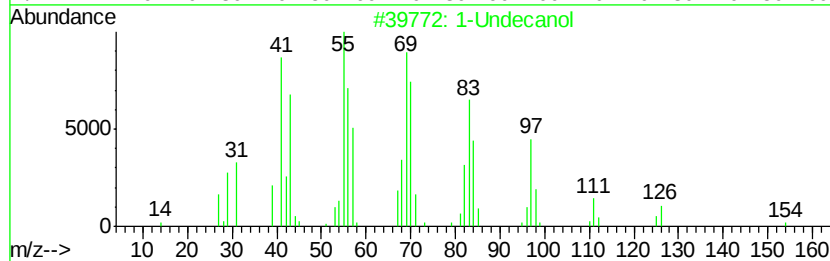
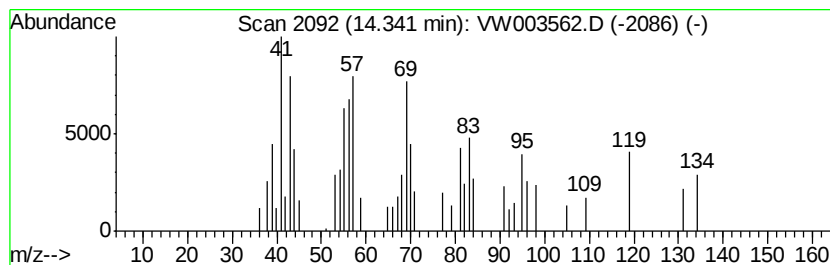
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Quant Title : VOC Analysis

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

Peak Number 15 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	1.25 ug/L	10882	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Undecanol	172	C11H24O	000112-42-5	27
2			4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	22
3			2-Hexenal, (E)-	98	C6H10O	006728-26-3	22
4			2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	18
5			2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

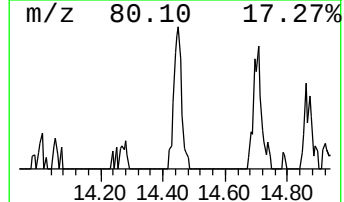
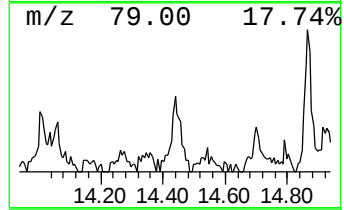
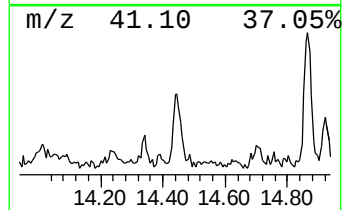
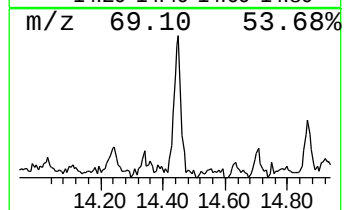
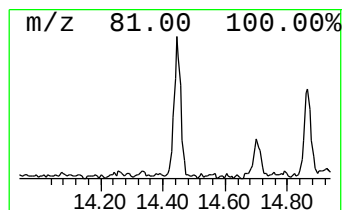
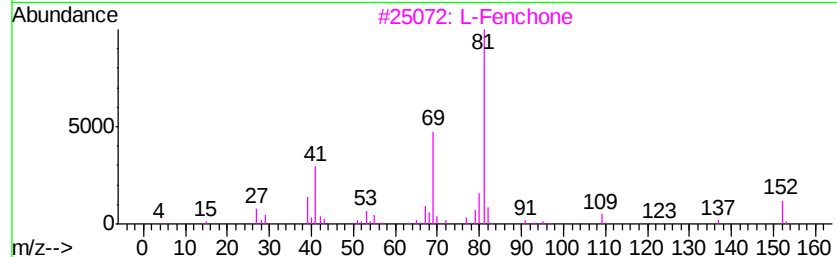
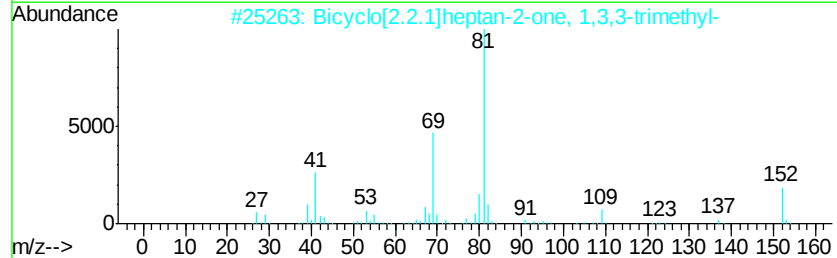
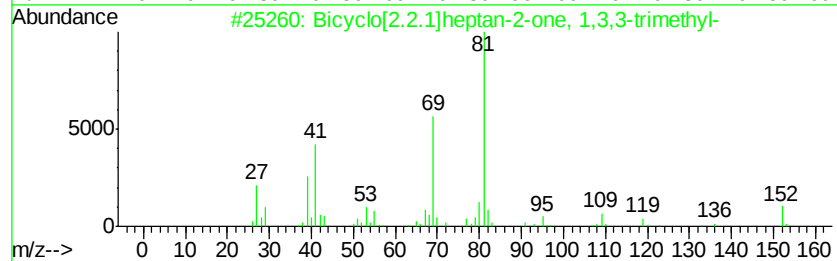
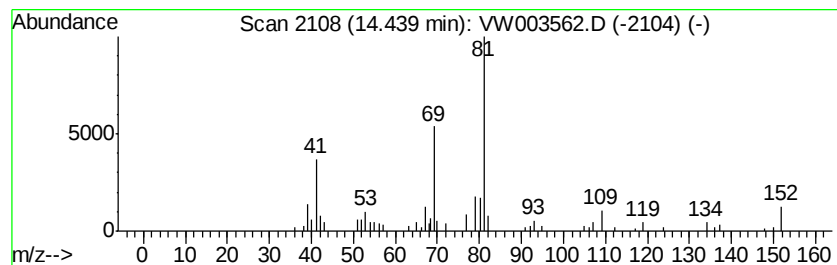
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Quant Title : VOC Analysis

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

Peak Number 16 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	3.80 ug/L	32983	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	91
2		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
3		L-Fenchone	152	C10H16O	007787-20-4	90
4		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
5		L-Fenchone	152	C10H16O	007787-20-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

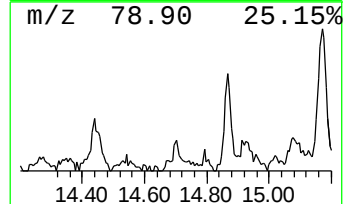
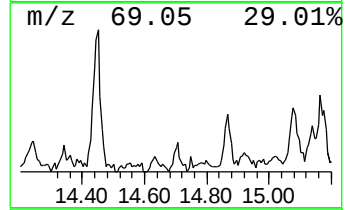
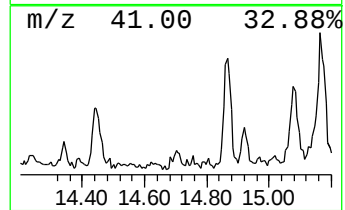
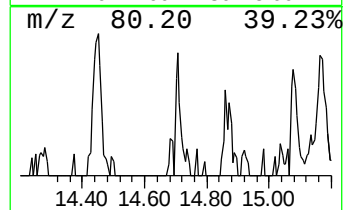
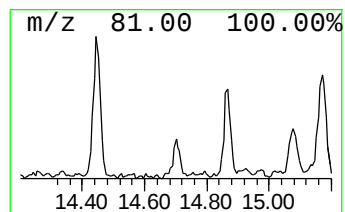
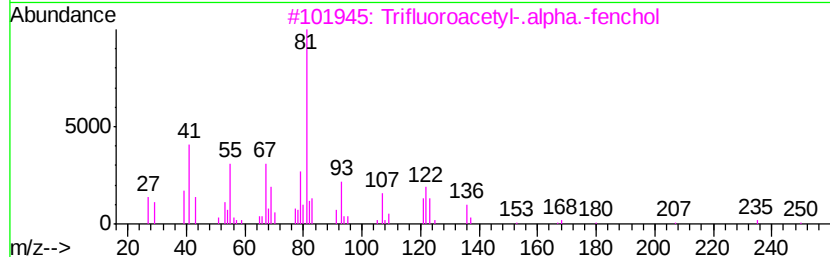
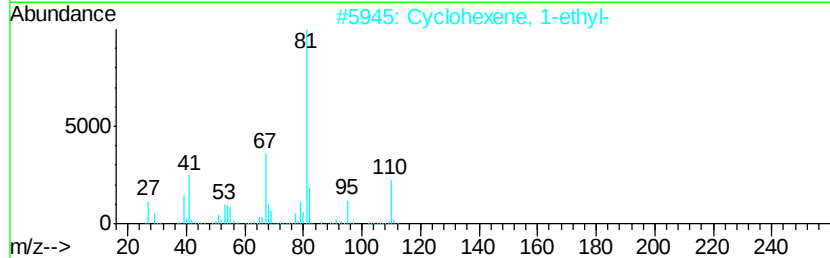
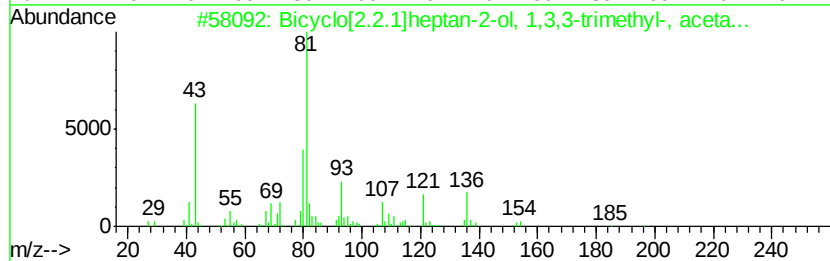
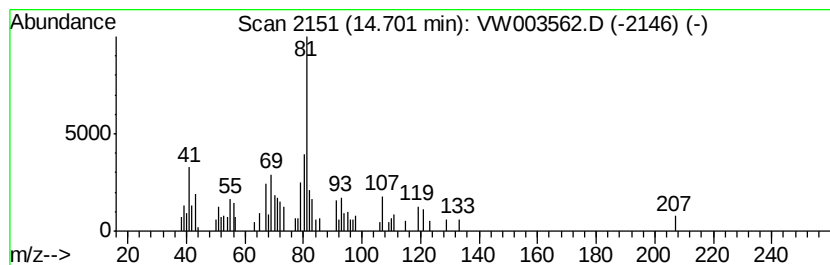
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Quant Title : VOC Analysis

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

Peak Number 17 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	1.55 ug/L	13480	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	196	C12H20O2	076109-40-5	53
2		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
3		Trifluoroacetyl-.alpha.-fenchol	250	C12H17F3O2	031076-73-0	43
4		Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	40
5		2,4-Undecadienal	166	C11H18O	013162-46-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

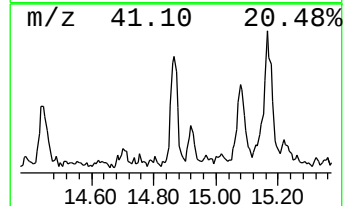
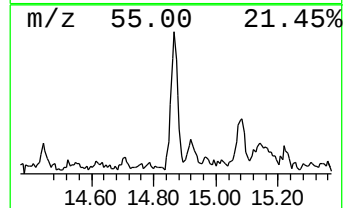
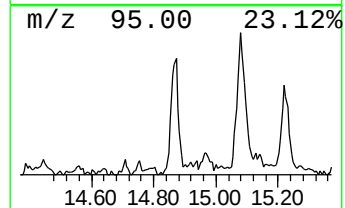
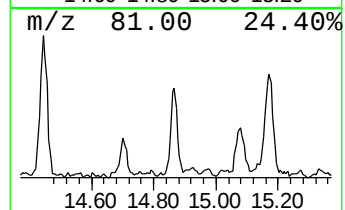
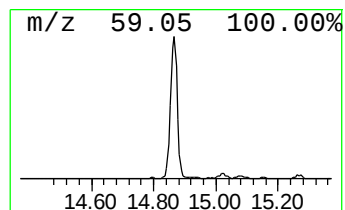
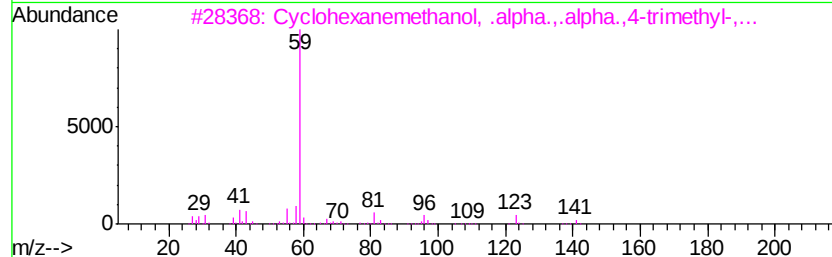
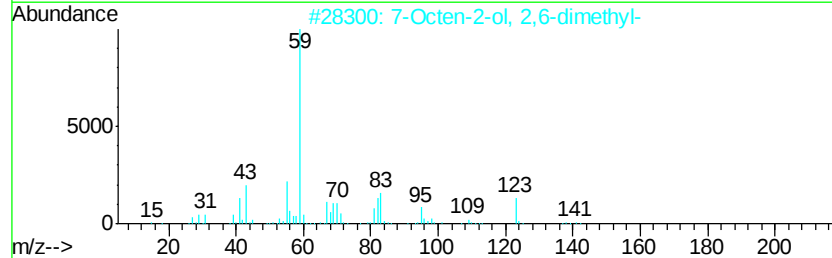
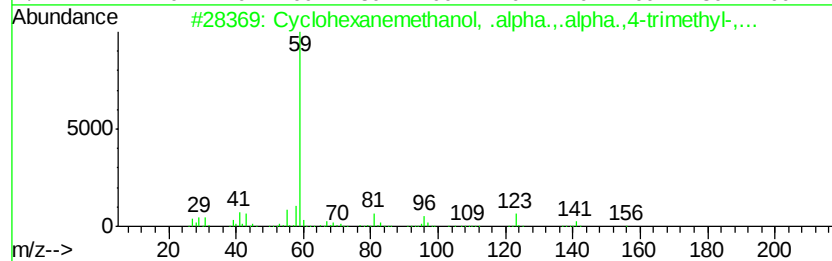
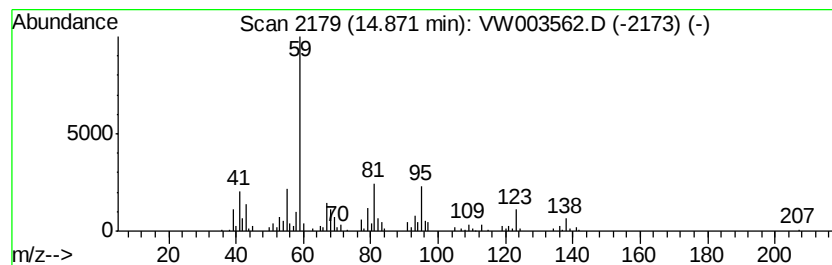
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Quant Title : VOC Analysis

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

Peak Number 18 Cyclohexanemethanol, .alpha... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	8.35 ug/L	72488	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, .alpha...al...	156	C10H20O	005114-00-1	59
2		7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	59
3		Cyclohexanemethanol, .alpha...al...	156	C10H20O	007322-63-6	45
4		trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	45
5		Hexanamide	115	C6H13NO	000628-02-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

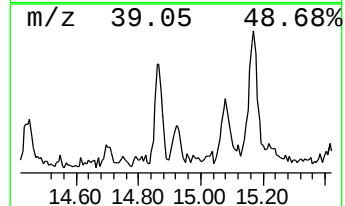
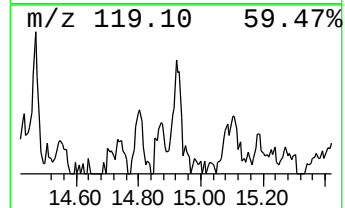
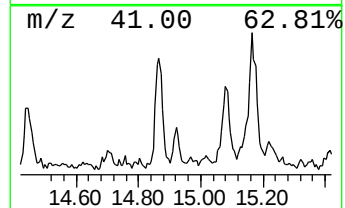
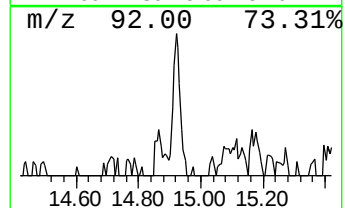
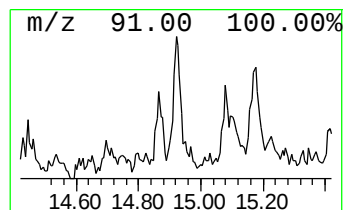
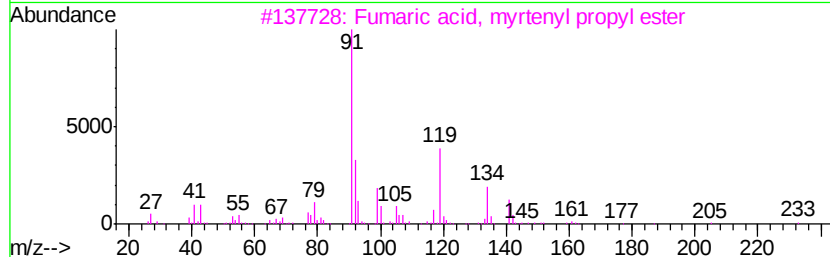
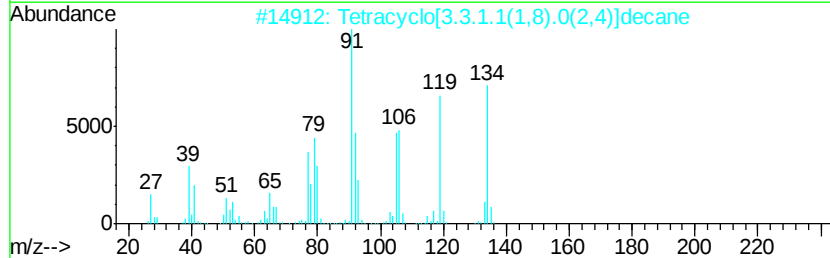
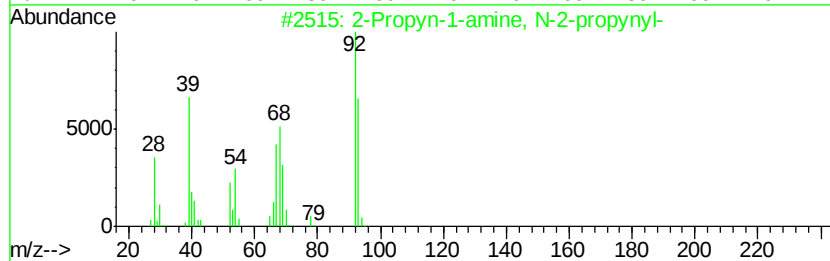
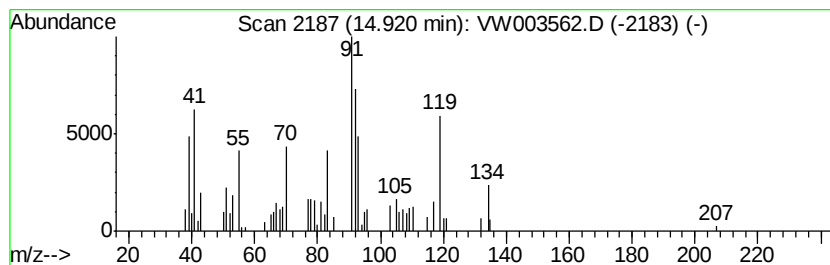
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Quant Title : VOC Analysis

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

Peak Number 19 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	1.82 ug/L	15764	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propyn-1-amine, N-2-propynyl-	93	C6H7N	006921-28-4	30
2			Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	27
3			Fumaric acid, mvrtenvl propvl ester	292	C17H24O4	1000348-81-0	27
4			cis-Pinen-3-ol	152	C10H16O	1000292-85-2	27
5			Benzene, butyl-	134	C10H14	000104-51-8	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

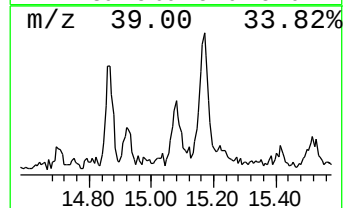
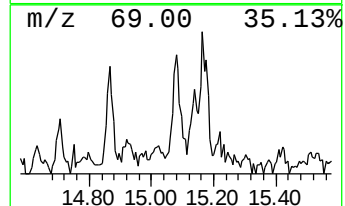
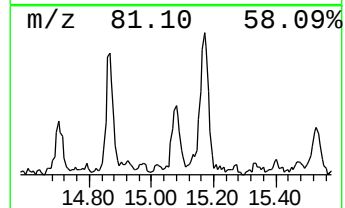
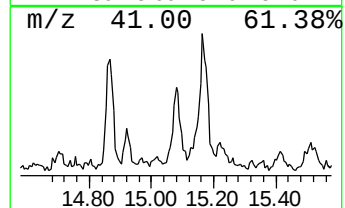
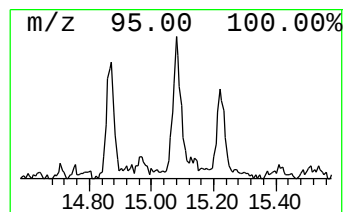
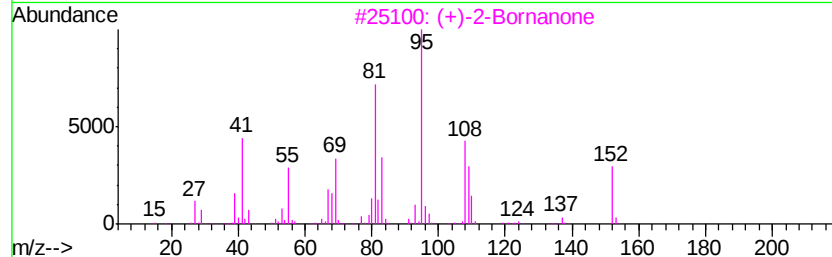
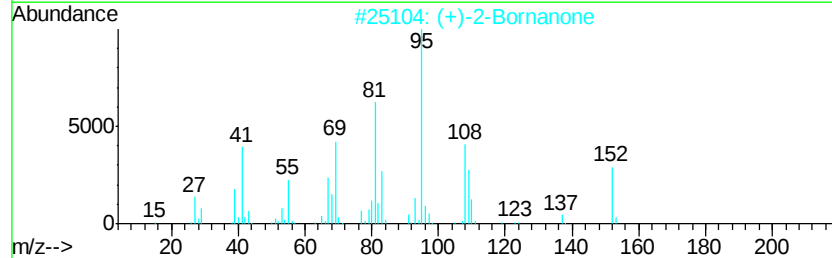
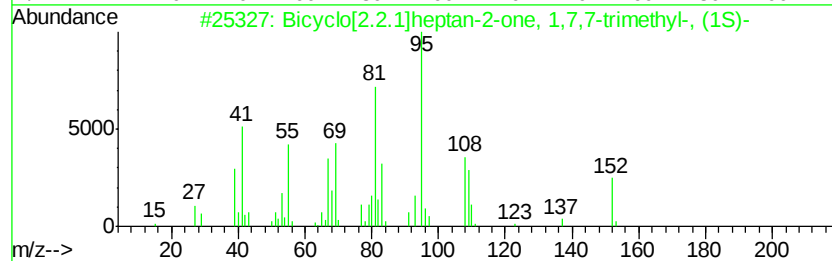
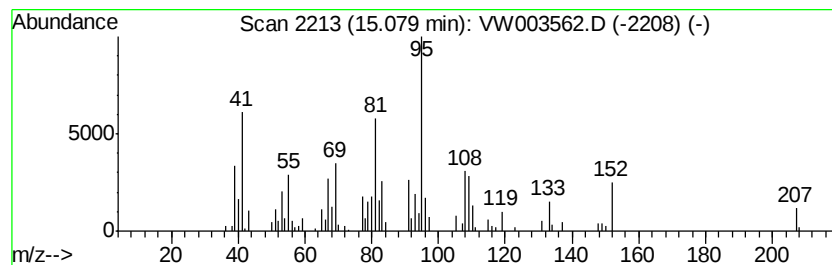
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Quant Title : VOC Analysis

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

Peak Number 20 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	5.25 ug/L	45588	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
2		(+)-2-Bornanone	152	C10H16O	000464-49-3	95
3		(+)-2-Bornanone	152	C10H16O	000464-49-3	93
4		(+)-2-Bornanone	152	C10H16O	000464-49-3	93
5		Camphor	152	C10H16O	000076-22-2	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

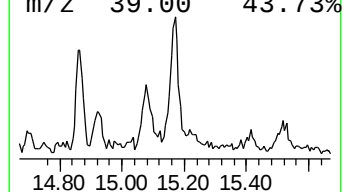
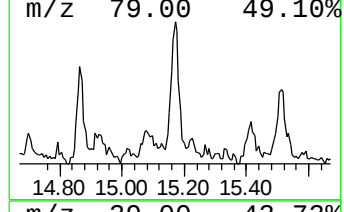
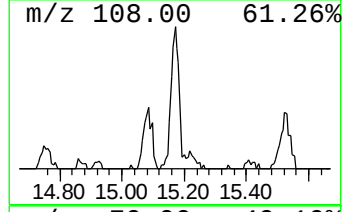
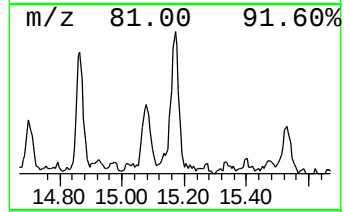
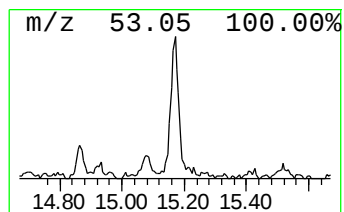
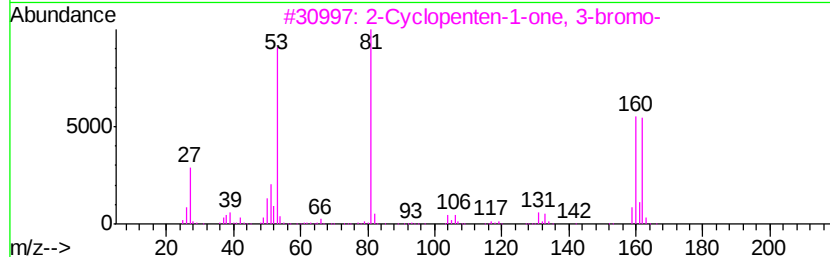
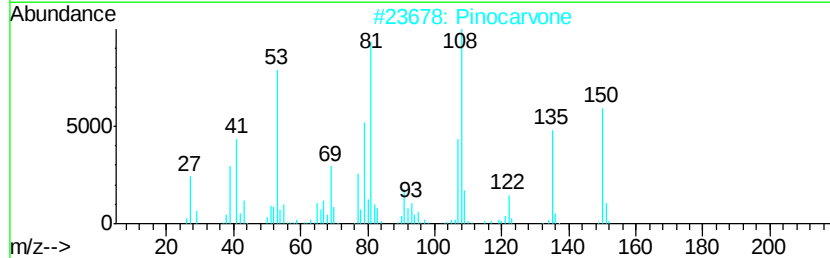
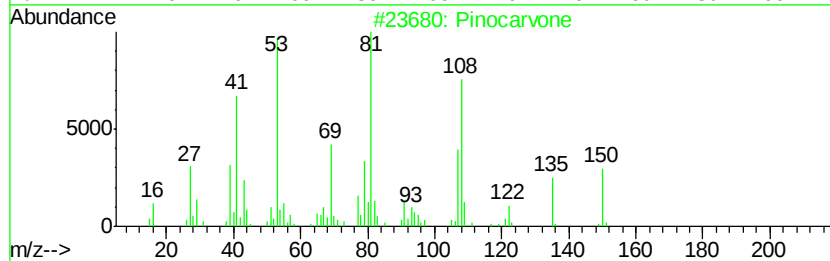
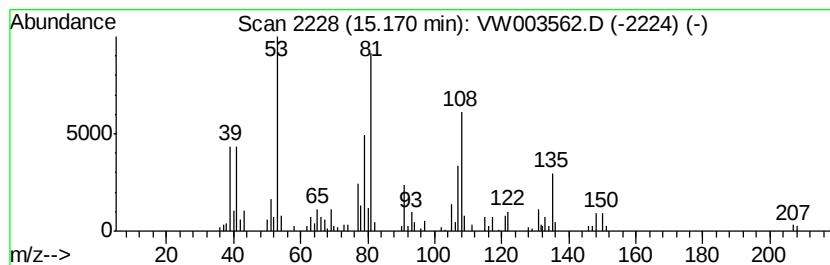
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.76 ug/L	49984	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pinocarpone	150	C10H14O	030460-92-5	49
2			Pinocarpone	150	C10H14O	030460-92-5	49
3			2-Cyclopenten-1-one, 3-bromo-	160	C5H5BrO	051865-32-8	42
4			2,4-Pentadienamide, N-phenyl-	173	C11H11NO	1000156-33-2	42
5			1,1-Dicyanoethane	80	C4H4N2	003696-36-4	40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

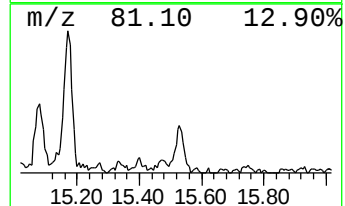
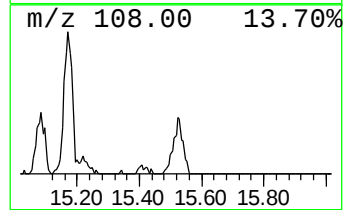
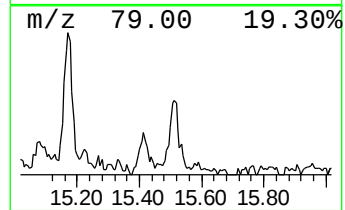
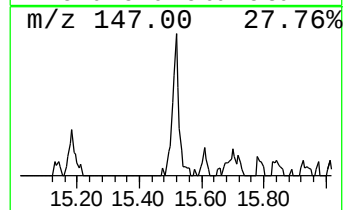
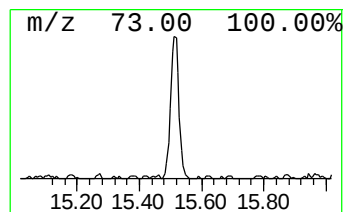
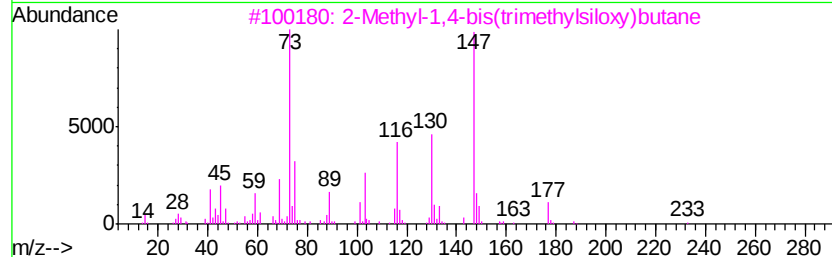
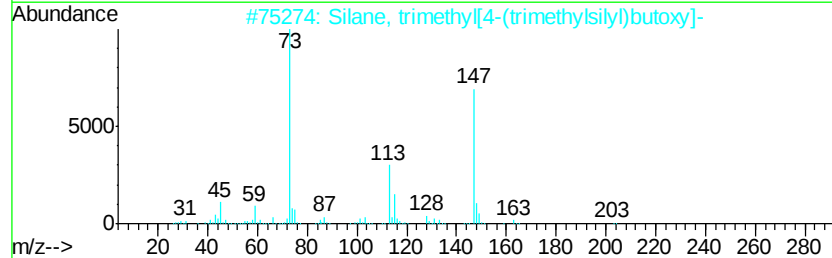
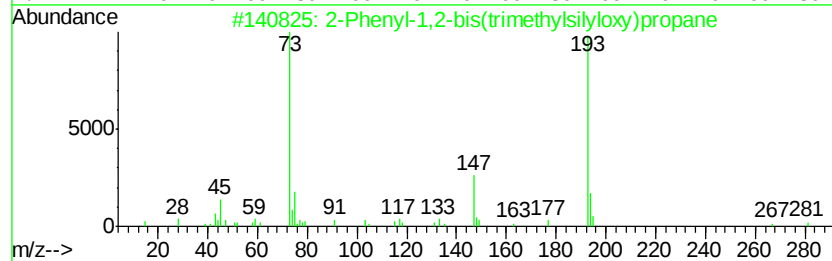
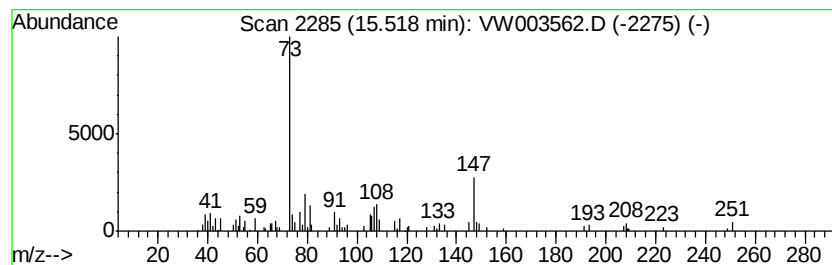
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Quant Title : VOC Analysis

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

Peak Number 22 unknown-05 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	5.68 ug/L	49249	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenyl-1,2-bis(trimethylsilylo...	296	C15H28O2Si2	294847-15-7	35
2			Silane, trimethyl[4-(trimethylsi...	218	C10H26OSi2	007140-91-2	25
3			2-Methyl-1,4-bis(trimethylsiloxy...	248	C11H28O2Si2	105747-05-5	25
4			1,3-Bis(trimethylsilyloxy)butane	234	C10H26O2Si2	056771-47-2	25
5			3-Oxa-6-thia-2,7-disilaooctane, 2...	222	C8H22OSSi2	078921-31-0	23



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

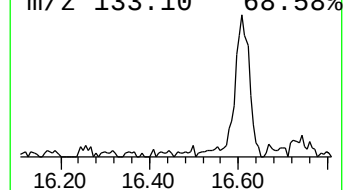
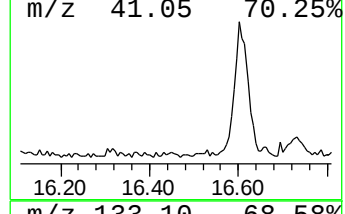
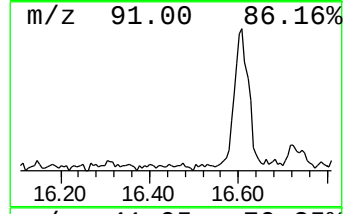
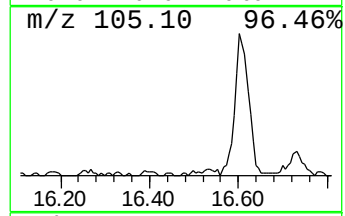
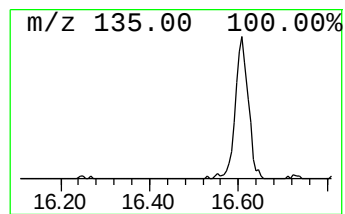
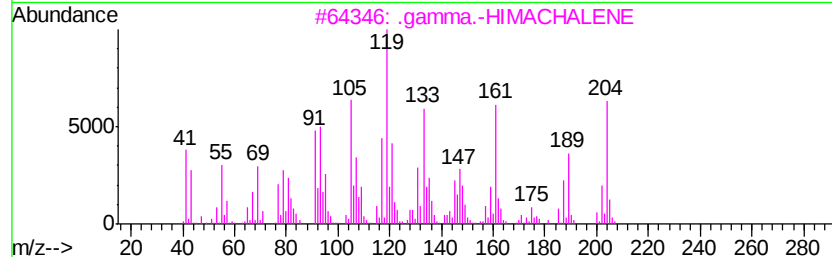
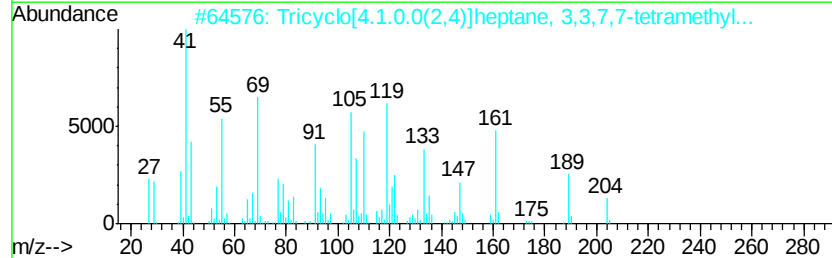
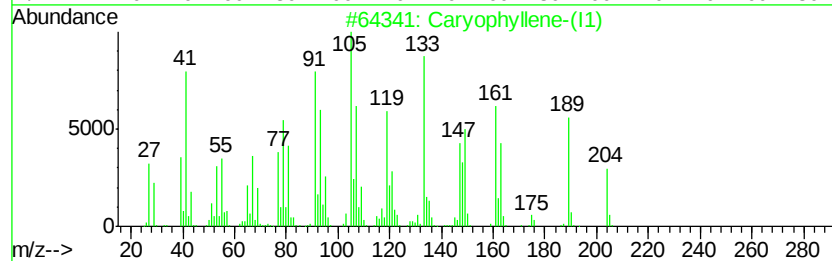
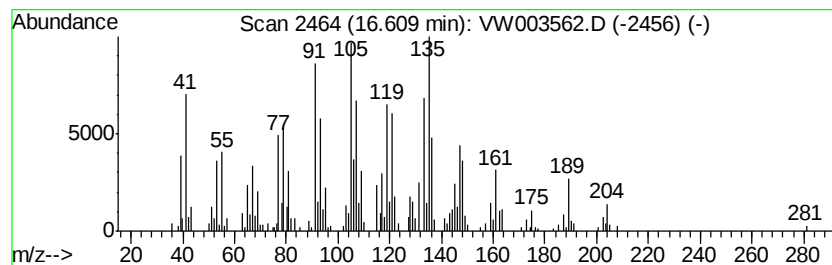
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Quant Title : VOC Analysis

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

Peak Number 23 Caryophyllene-(I1) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	16.29 ug/L	141338	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Caryophyllene-(I1)	204	C15H24	1000158-18-5	86
2		Tricyclo[4.1.0.0(2,4)]heptane, 3...	204	C15H24	067843-59-8	46
3		.gamma.-HIMACHALENE	204	C15H24	1000140-08-0	42
4		cis-(-)-2,4a,5,6,9a-Hexahydro-3,...	204	C15H24	1000104-20-1	41
5		1H-Benzocycloheptene, 2,4a,5,6,7...	204	C15H24	003853-83-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062518\
Data File : VW003562.D
Acq On : 25 Jun 2018 23:54
Operator : SY/AP
Sample : J3621-19RE
Misc : 3.55G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

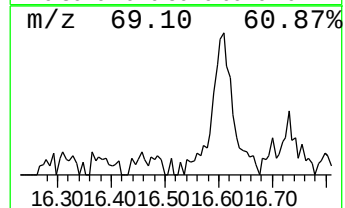
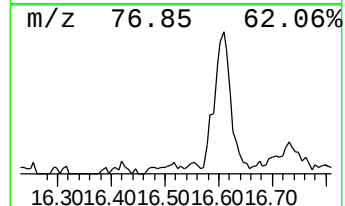
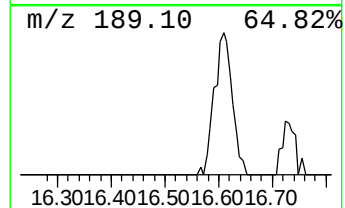
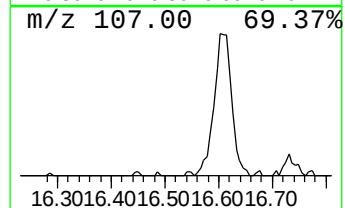
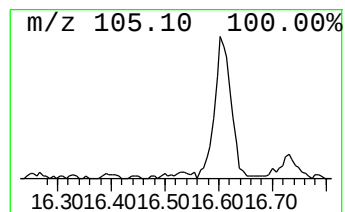
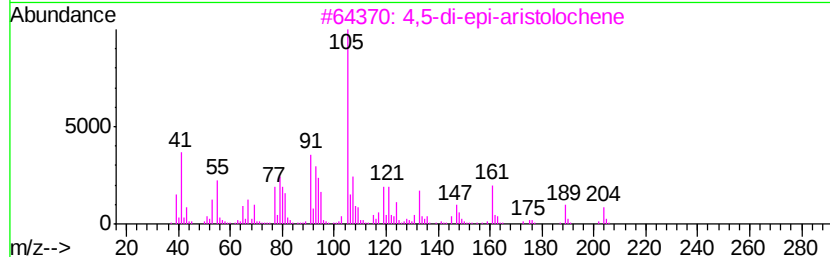
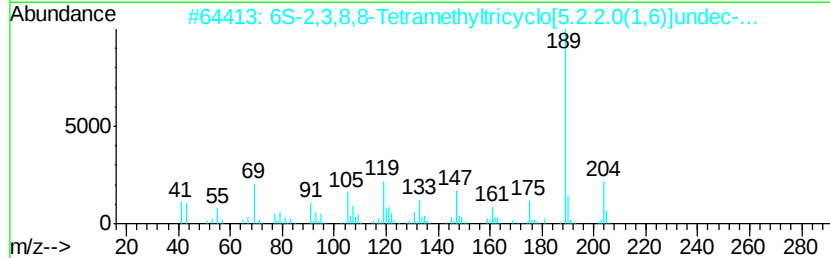
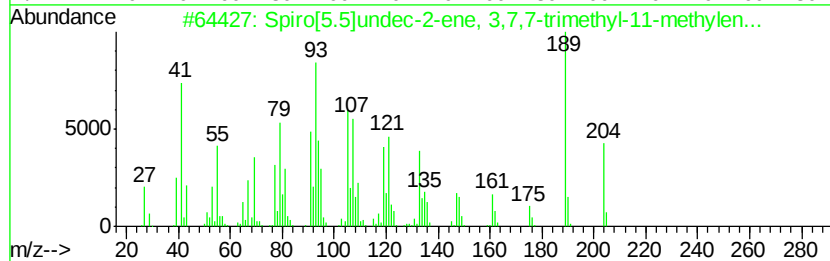
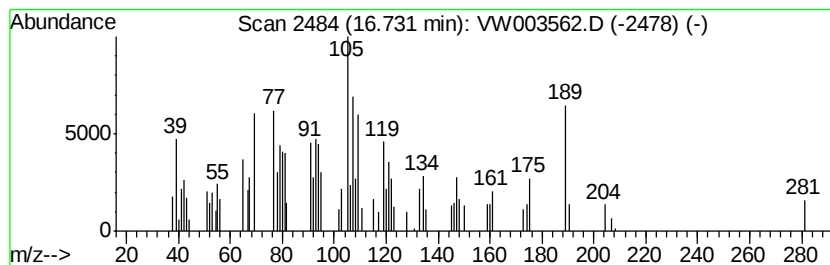
Instrument :
MSVOA_W
ClientSampleId :
DAZ93RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

Peak Number 24 Spiro[5.5]undec-2-ene, 3,7,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.73	2.42 ug/L	21032	1,4-Dichlorobenzene-d4	13.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	70
2		6S-2,3,8,8-Tetramethyltricyclo[5...	204	C15H24	137235-48-4	41
3		4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	38
4		2-Aminophenol-4-sulfonic acid	189	C6H7NO4S	000098-37-3	27
5		.gamma.-Neoclovene	204	C15H24	1000156-11-7	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062518\
 Data File : VW003562.D
 Acq On : 25 Jun 2018 23:54
 Operator : SY/AP
 Sample : J3621-19RE
 Misc : 3.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ93RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.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
Tricyclo[2.2.1.0(...	12.37	6.2	ug/L	79673	2	11.63	323477	25.0
(1R)-2,6,6-Trimet...	12.48	1076.6	ug/L	13930600	2	11.63	323477	25.0
unknown-01	12.78	4.0	ug/L	34948	3	13.57	216936	25.0
(DEL) Alkane: Cyc...	12.93	50.5	ug/L	438121	3	13.57	216936	25.0
Bicyclo[3.1.1]hep...	13.04	1049.0	ug/L	9102280	3	13.57	216936	25.0
Cyclohexene, 1-me...	13.21	5.7	ug/L	49841	3	13.57	216936	25.0
1,3-Cyclohexadien...	13.37	5.2	ug/L	45119	3	13.57	216936	25.0
D-Limonene	13.48	57.2	ug/L	495977	3	13.57	216936	25.0
Benzene, 1-methyl...	13.51	103.0	ug/L	894089	3	13.57	216936	25.0
p-Cymene	13.66	3.9	ug/L	34086	3	13.57	216936	25.0
unknown-02	14.34	1.3	ug/L	10882	3	13.57	216936	25.0
Bicyclo[2.2.1]hep...	14.44	3.8	ug/L	32983	3	13.57	216936	25.0
Bicyclo[2.2.1]hep...	14.70	1.6	ug/L	13480	3	13.57	216936	25.0
Cyclohexanemethan...	14.87	8.3	ug/L	72488	3	13.57	216936	25.0
unknown-03	14.92	1.8	ug/L	15764	3	13.57	216936	25.0
Bicyclo[2.2.1]hep...	15.08	5.3	ug/L	45588	3	13.57	216936	25.0
unknown-04	15.17	5.8	ug/L	49984	3	13.57	216936	25.0
unknown-05	15.52	5.7	ug/L	49249	3	13.57	216936	25.0
Caryophyllene-(I1)	16.61	16.3	ug/L	141338	3	13.57	216936	25.0
Spiro[5.5]undec-2...	16.73	2.4	ug/L	21032	3	13.57	216936	25.0