

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
 Data File : VW018172.D
 Acq On : 16 Feb 2021 19:03
 Operator : SY/VA
 Sample : M1414-15
 Misc : 5.74G/10ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH01

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M

Title : VOC Analysis

Signal : TIC: VW018172.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	6	9	26	rVB3	20684	45288	1.07%	0.271%
2	2.160	37	42	55	rBV4	11979	31425	0.74%	0.188%
3	2.355	66	74	84	rVB	46668	95730	2.25%	0.573%
4	2.891	154	162	173	rBV	38269	99808	2.35%	0.597%
5	3.391	237	244	246	rBV6	1434	2429	0.06%	0.015%
6	3.532	264	267	272	rVB3	566	914	0.02%	0.005%
7	3.727	285	299	313	rBV2	16117	51578	1.21%	0.309%
8	4.019	337	347	356	rBV	88531	279751	6.59%	1.674%
9	4.117	356	363	379	rVB	116252	315901	7.44%	1.890%
10	4.385	399	407	419	rBV	3801	10785	0.25%	0.065%
11	4.916	484	494	510	rBV3	10712	41642	0.98%	0.249%
12	5.781	628	636	637	rBV3	2262	4161	0.10%	0.025%
13	5.946	654	663	673	rVV3	2327	6648	0.16%	0.040%
14	6.123	685	692	697	rVV3	316	663	0.02%	0.004%
15	6.293	719	720	724	rVV2	619	587	0.01%	0.004%
16	6.610	764	772	784	rVB3	1974	5653	0.13%	0.034%
17	6.994	828	835	839	rBV5	1012	2401	0.06%	0.014%
18	7.074	839	848	859	rBV2	28917	82577	1.94%	0.494%
19	7.537	918	924	932	rBV4	1041	2506	0.06%	0.015%
20	7.647	932	942	956	rBV	166626	401095	9.45%	2.400%
21	7.958	989	993	998	rVB4	749	1478	0.03%	0.009%
22	8.159	1024	1026	1031	rVB2	549	633	0.01%	0.004%
23	8.275	1035	1045	1064	rBV2	300631	895320	21.09%	5.358%
24	8.494	1078	1081	1083	rVV2	483	540	0.01%	0.003%
25	8.549	1086	1090	1091	rVV	615	656	0.02%	0.004%
26	8.567	1091	1093	1099	rVB3	977	1473	0.03%	0.009%
27	8.701	1107	1115	1124	rBV	10831	23635	0.56%	0.141%
28	8.842	1129	1138	1150	rBV	408770	795891	18.75%	4.763%
29	9.061	1167	1174	1175	rBV3	799	1219	0.03%	0.007%
30	9.079	1175	1177	1183	rVB2	681	802	0.02%	0.005%
31	9.153	1183	1189	1192	rBV4	881	1605	0.04%	0.010%
32	9.274	1199	1209	1216	rBV	201570	408251	9.62%	2.443%
33	9.445	1234	1237	1243	rVB2	1045	1898	0.04%	0.011%
34	9.512	1246	1248	1252	rVB3	777	842	0.02%	0.005%
35	9.604	1259	1263	1267	rVB3	384	600	0.01%	0.004%
36	9.659	1267	1272	1279	rBV6	1045	2056	0.05%	0.012%

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Smoothing : OFF

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Title : VOC Analysis

37	9.756	1283	1288	1293	rBV5	1066	2021	0.05%	0.012%
38	9.854	1297	1304	1315	rBV5	5192	11824	0.28%	0.071%
39	9.957	1315	1321	1326	rBV4	1467	2582	0.06%	0.015%
40	10.037	1326	1334	1341	rBV	90056	159862	3.77%	0.957%
41	10.098	1341	1344	1355	rVB5	2718	5609	0.13%	0.034%
42	10.207	1357	1362	1368	rBV3	2935	5836	0.14%	0.035%
43	10.323	1373	1381	1386	rBV	386700	670388	15.79%	4.012%
44	10.384	1386	1391	1404	rVB	756048	1342194	31.61%	8.032%
45	10.500	1404	1410	1416	rVB6	4393	10467	0.25%	0.063%
46	10.579	1416	1423	1431	rVB	50226	86180	2.03%	0.516%
47	10.664	1431	1437	1440	rBV4	1419	2472	0.06%	0.015%
48	10.695	1440	1442	1448	rVB2	1346	1993	0.05%	0.012%
49	10.762	1448	1453	1458	rVB5	796	1789	0.04%	0.011%
50	10.829	1460	1464	1473	rVB4	286	773	0.02%	0.005%
51	10.921	1473	1479	1491	rBV	92665	165005	3.89%	0.987%
52	11.018	1491	1495	1499	rBV3	2518	4068	0.10%	0.024%
53	11.067	1499	1503	1513	rVB6	3566	8056	0.19%	0.048%
54	11.183	1513	1522	1524	rBV5	2264	5357	0.13%	0.032%
55	11.408	1554	1559	1565	rBV2	3361	6333	0.15%	0.038%
56	11.628	1587	1595	1605	rBV	372759	640056	15.08%	3.830%
57	11.731	1605	1612	1617	rVV	25850	44329	1.04%	0.265%
58	11.829	1621	1628	1639	rVB3	35018	74124	1.75%	0.444%
59	12.115	1668	1675	1676	rBV4	2413	3757	0.09%	0.022%
60	12.176	1678	1685	1690	rBV3	40165	79980	1.88%	0.479%
61	12.256	1695	1698	1706	rVB2	7125	11253	0.27%	0.067%
62	12.365	1706	1716	1723	rVB4	22176	45271	1.07%	0.271%
63	12.426	1723	1726	1727	rBV3	470	581	0.01%	0.003%
64	12.463	1727	1732	1738	rBV2	14263	23680	0.56%	0.142%
65	12.524	1738	1742	1746	rBV3	3805	6333	0.15%	0.038%
66	12.603	1751	1755	1762	rBV2	6022	12541	0.30%	0.075%
67	12.689	1762	1769	1772	rBV	146449	285372	6.72%	1.708%
68	12.865	1794	1798	1799	rBV	2513	2983	0.07%	0.018%
69	12.920	1800	1807	1811	rBV	75769	132923	3.13%	0.795%
70	13.042	1820	1827	1832	rBV3	28263	64267	1.51%	0.385%
71	13.085	1832	1834	1838	rVB4	6590	8619	0.20%	0.052%
72	13.140	1839	1843	1850	rVB5	7483	12713	0.30%	0.076%
73	13.195	1850	1852	1855	rBV4	1019	1113	0.03%	0.007%
74	13.255	1855	1862	1873	rBV2	62148	139143	3.28%	0.833%
75	13.371	1873	1881	1889	rBV3	782720	1459975	34.39%	8.737%
76	13.469	1889	1897	1900	rBV	2439161	4245763	100.00%	25.407%

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Title : VOC Analysis

77	13.554	1907	1911	1916	rVV	188808	281292	6.63%	1.683%
78	13.615	1916	1921	1933	rVV2	353112	663109	15.62%	3.968%
79	13.713	1933	1937	1944	rVB	44318	65021	1.53%	0.389%
80	13.853	1954	1960	1972	rVB	138809	235875	5.56%	1.411%
81	13.999	1977	1984	1990	rBV	297189	518026	12.20%	3.100%
82	14.152	2003	2009	2015	rBV	207832	303746	7.15%	1.818%
83	14.304	2029	2034	2035	rBV5	2952	4727	0.11%	0.028%
84	14.432	2050	2055	2063	rBV	30166	53633	1.26%	0.321%
85	14.566	2074	2077	2086	rVB3	7706	13130	0.31%	0.079%
86	14.694	2091	2098	2106	rBV2	98835	185643	4.37%	1.111%
87	14.865	2118	2126	2135	rBV3	139923	252845	5.96%	1.513%
88	15.066	2152	2159	2171	rBV5	51333	155795	3.67%	0.932%
89	15.164	2171	2175	2177	rBV2	13501	18573	0.44%	0.111%
90	15.206	2177	2182	2185	rBV	97667	161662	3.81%	0.967%
91	15.249	2185	2189	2194	rVB	220456	346919	8.17%	2.076%
92	15.487	2226	2228	2239	rVB	7977	14928	0.35%	0.089%
93	15.798	2273	2279	2286	rBV8	5090	11541	0.27%	0.069%
94	16.035	2313	2318	2324	rVB6	5373	10635	0.25%	0.064%
95	16.090	2325	2327	2332	rVB5	1067	1399	0.03%	0.008%
96	16.151	2335	2337	2340	rBV4	819	594	0.01%	0.004%
97	16.231	2347	2350	2354	rVB5	1872	2743	0.06%	0.016%
98	16.322	2363	2365	2370	rVB5	1085	1597	0.04%	0.010%
99	16.377	2370	2374	2375	rBV3	455	619	0.01%	0.004%
100	16.602	2409	2411	2415	rVB4	663	917	0.02%	0.005%

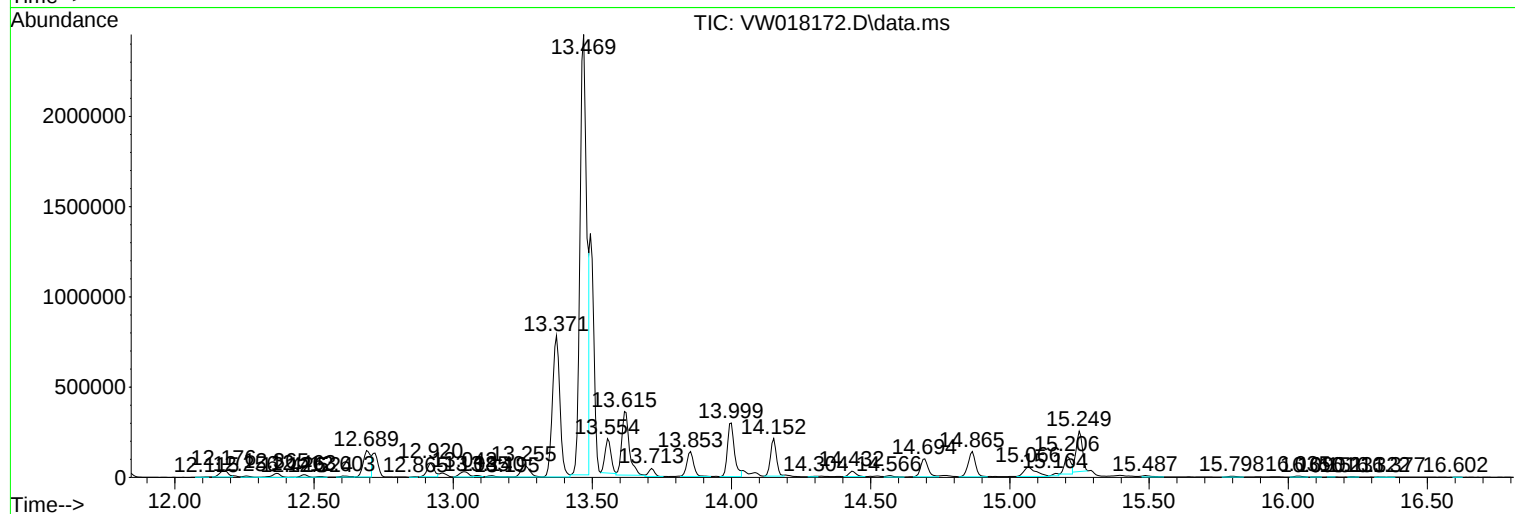
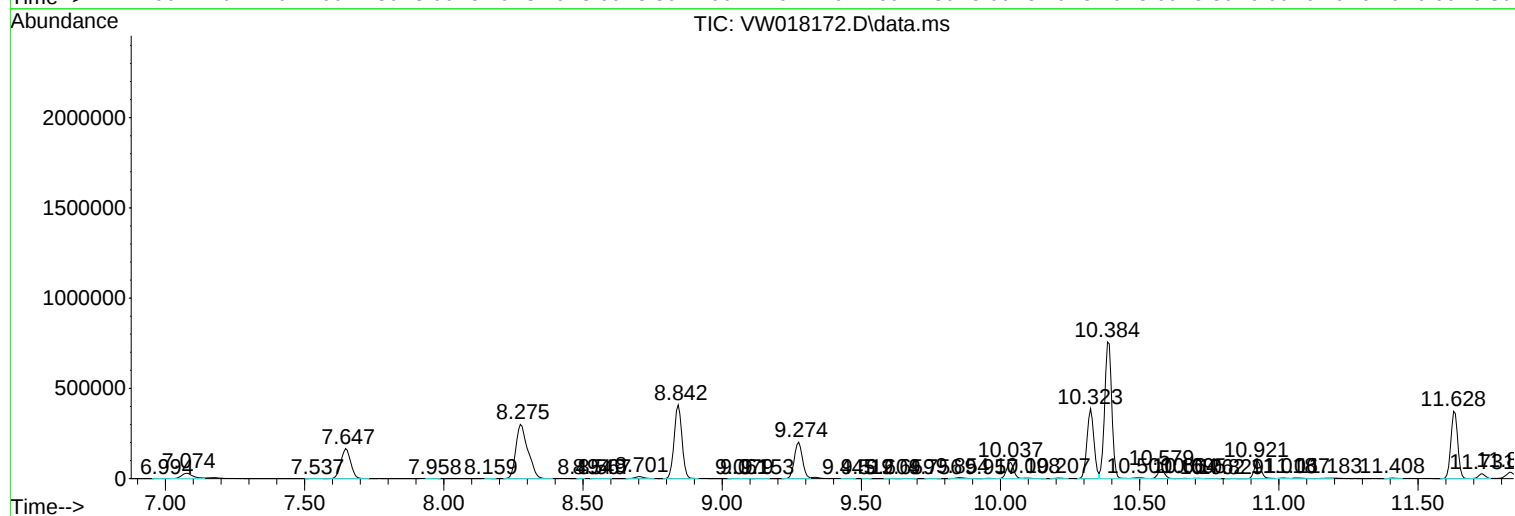
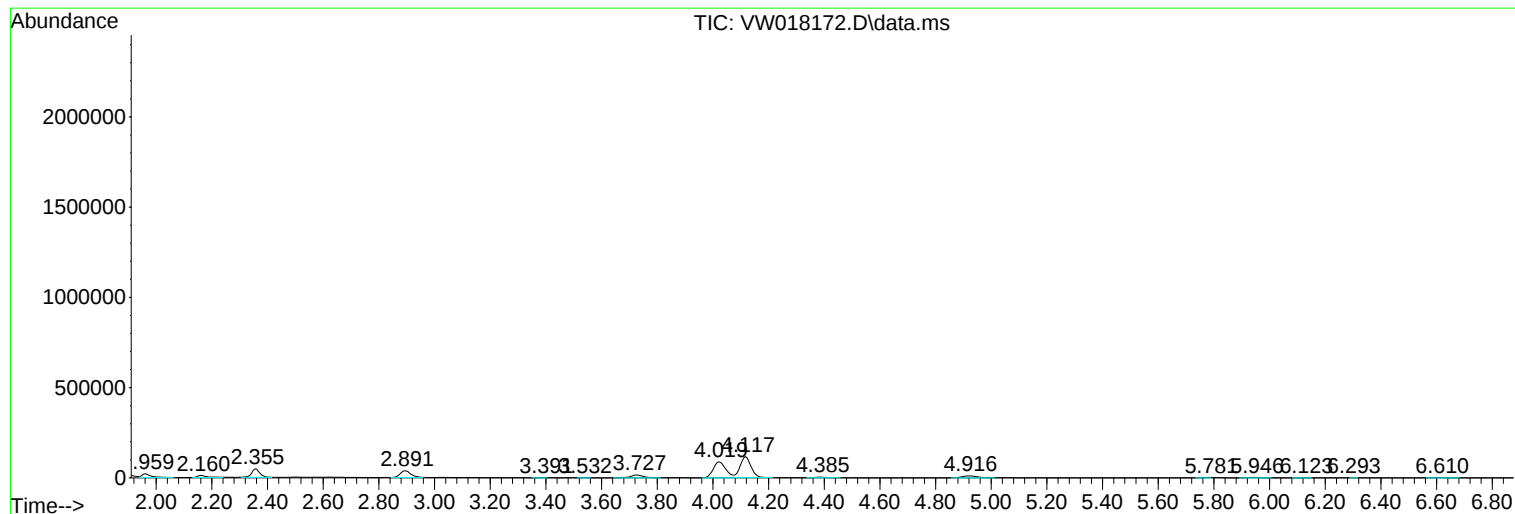
Sum of corrected areas: 16710995

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.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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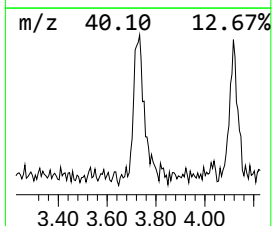
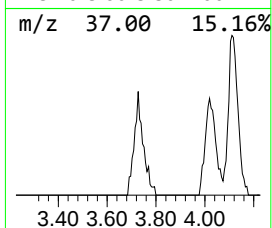
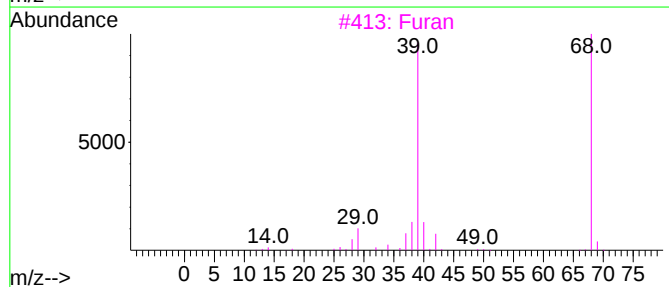
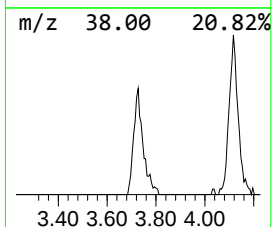
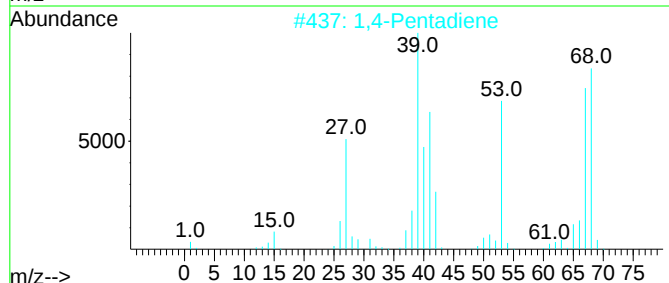
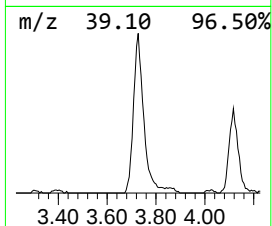
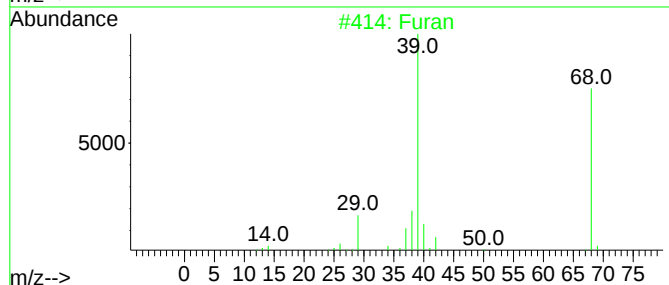
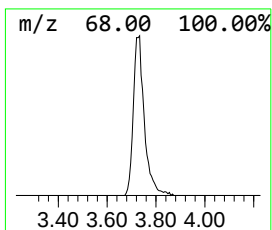
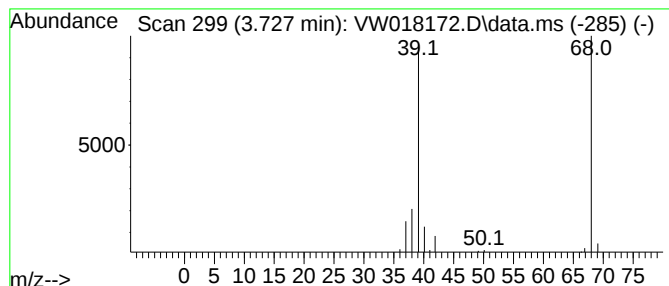
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 2 Furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.727	1.62 ug/L	51578	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan	68	C4H4O	000110-00-9	91
2			1,4-Pentadiene	68	C5H8	000591-93-5	64
3			Furan	68	C4H4O	000110-00-9	64
4			1H-Pyrazole	68	C3H4N2	000288-13-1	27
5			2-Propyn-1-amine, N-methyl-	69	C4H7N	035161-71-8	4



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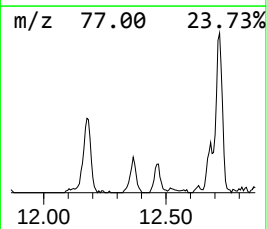
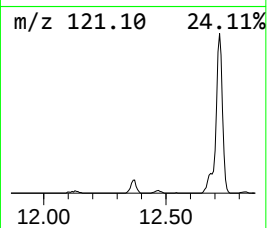
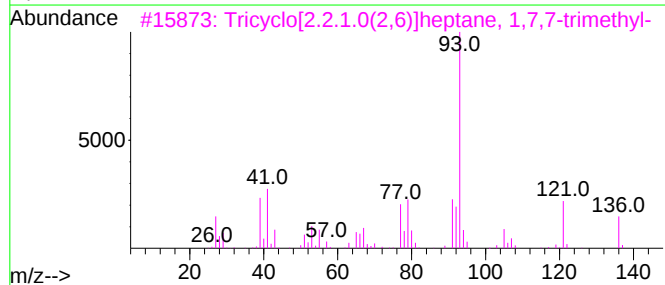
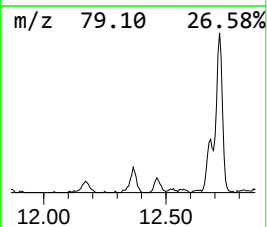
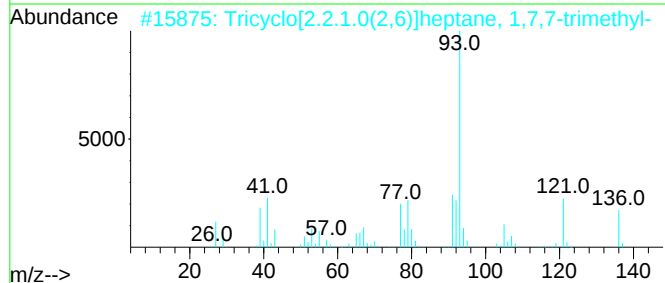
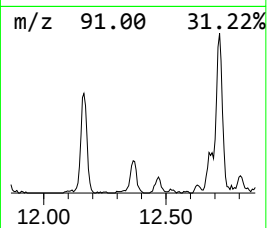
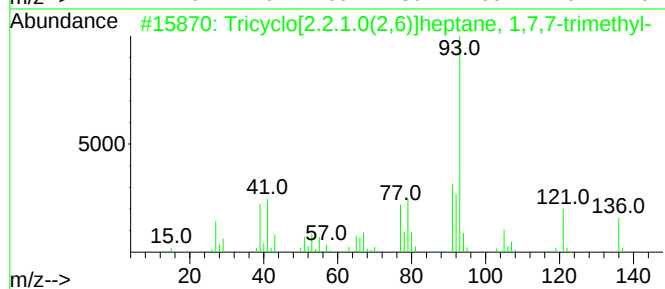
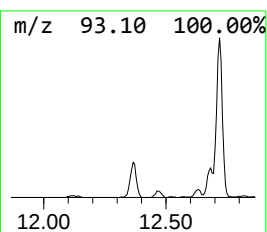
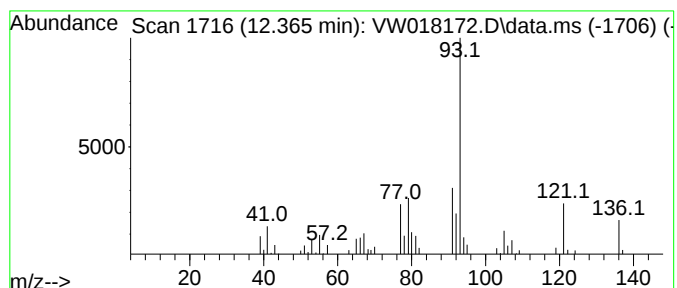
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Quant Title : VOC Analysis

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

Peak Number 4 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.365	1.77 ug/L	45271	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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	96
3			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	94
4			4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	91
5			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91



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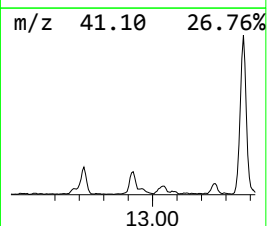
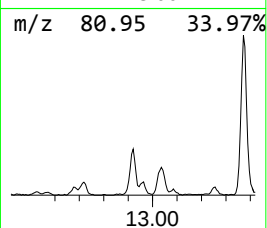
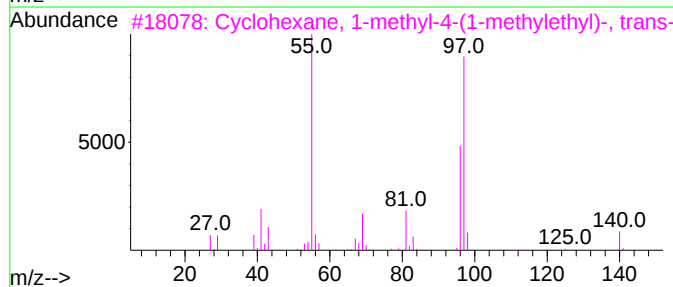
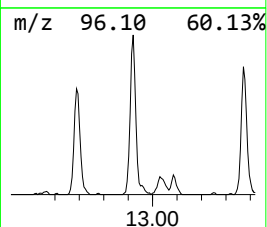
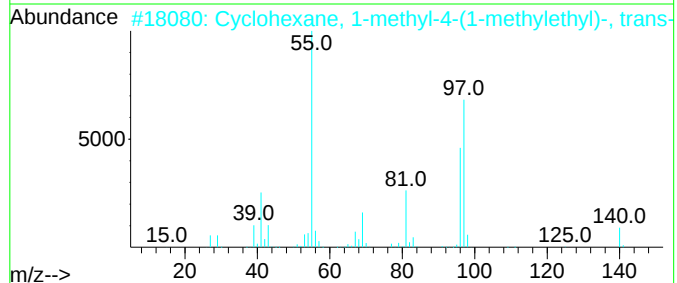
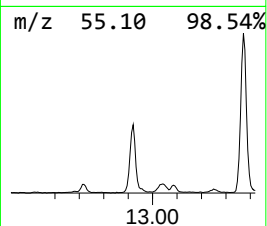
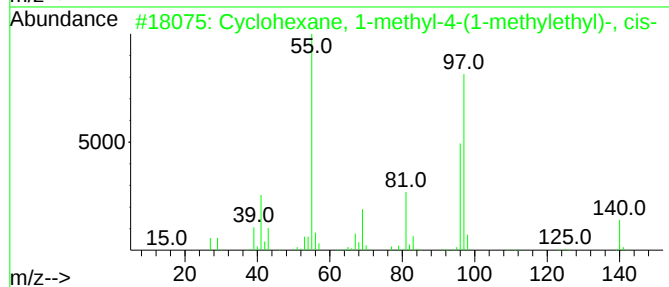
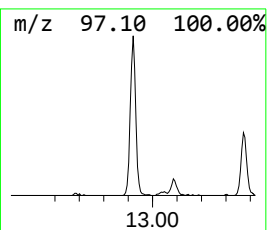
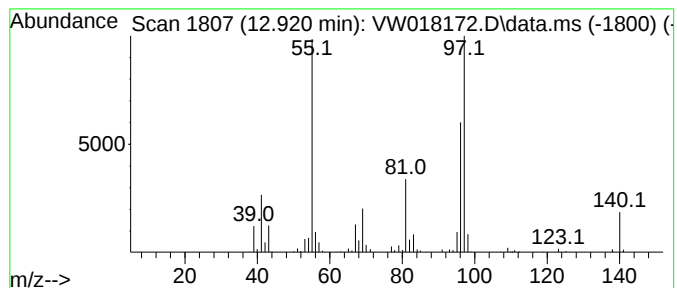
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic12.920 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	11.81 ug/L	132923	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	97
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	94
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	90
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	87
5			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

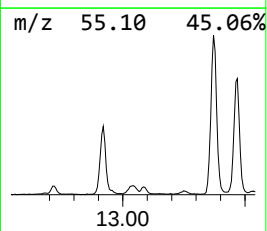
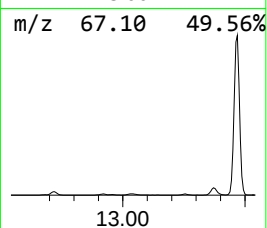
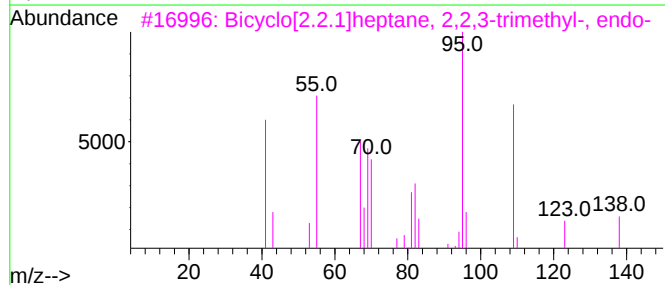
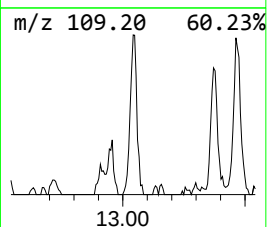
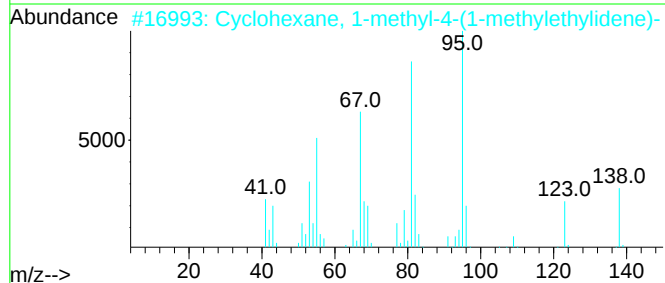
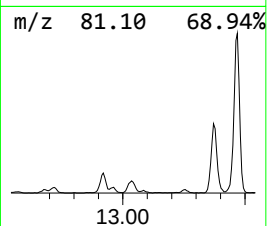
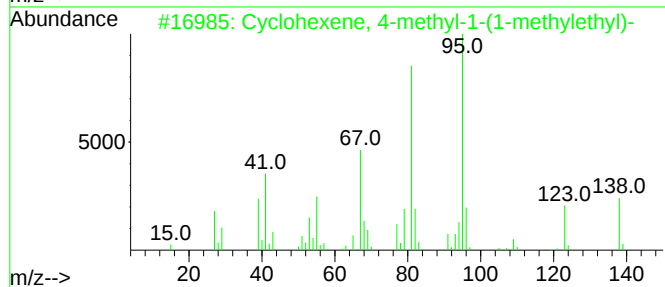
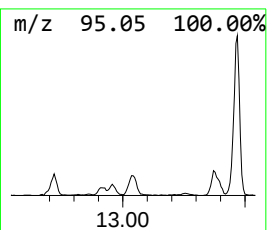
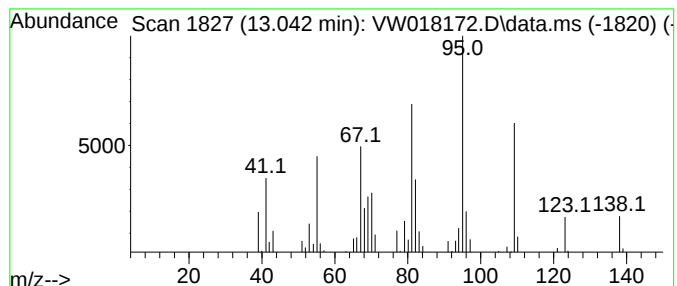
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Quant Title : VOC Analysis

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

Peak Number 6 Cyclohexene, 4-methyl-1-(1-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.042	5.71 ug/L	64267	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	93
2			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	90
3			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	90
4			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	89
5			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

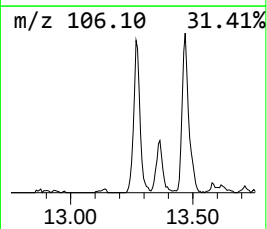
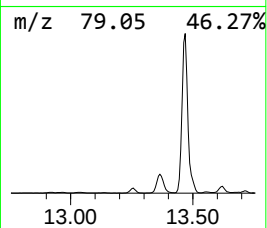
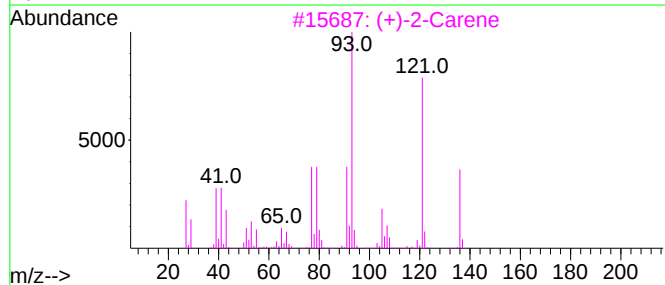
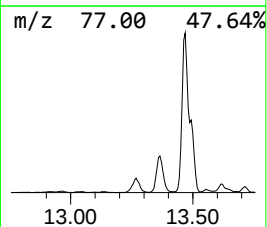
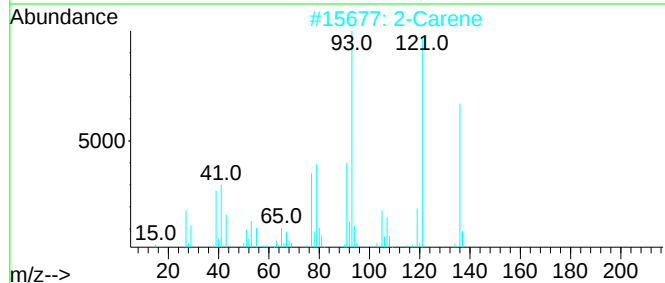
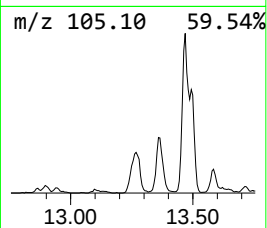
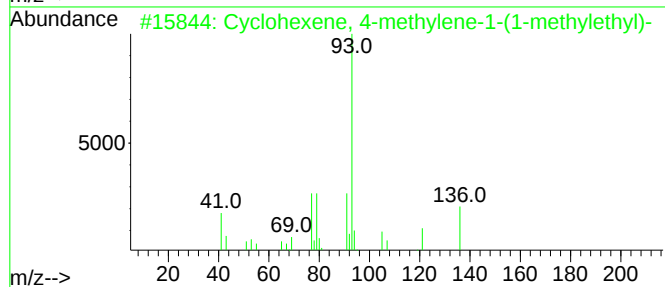
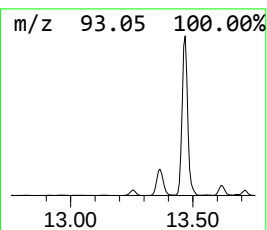
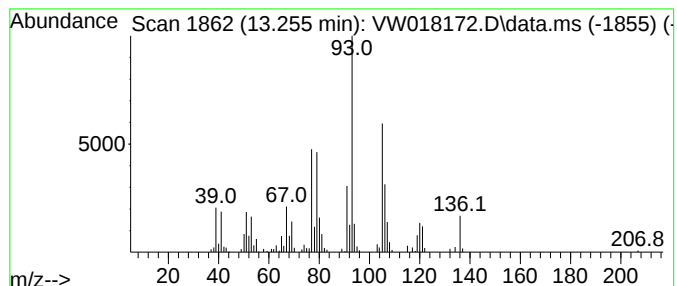
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Quant Title : VOC Analysis

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

Peak Number 7 Cyclohexene, 4-methylene-1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.256	12.37 ug/L	139143	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	87
2			2-Carene	136	C10H16	000554-61-0	87
3			(+)-2-Carene	136	C10H16	1000149-94-6	80
4			Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	74
5			1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

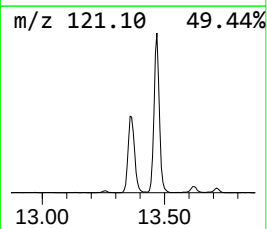
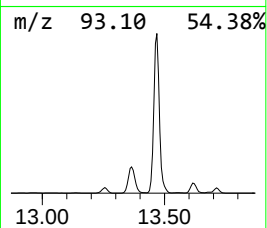
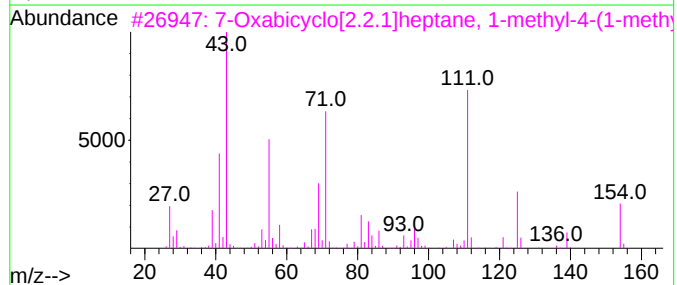
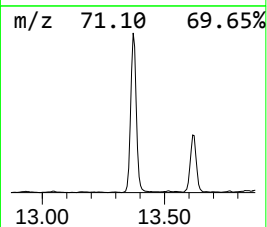
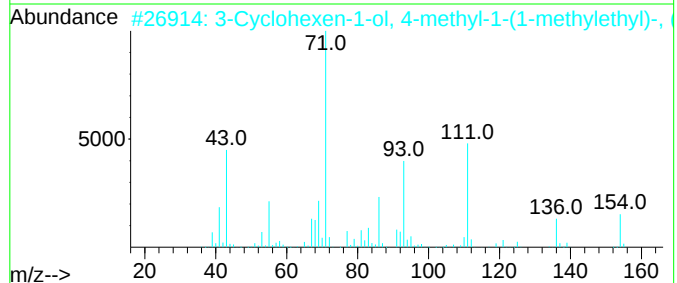
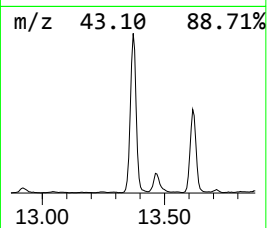
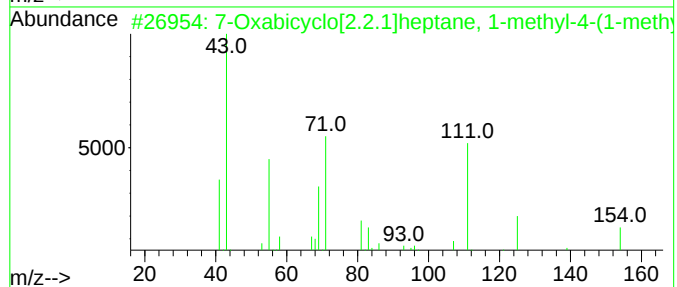
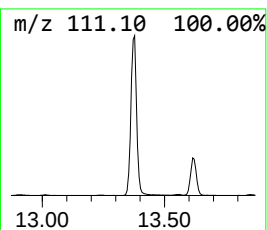
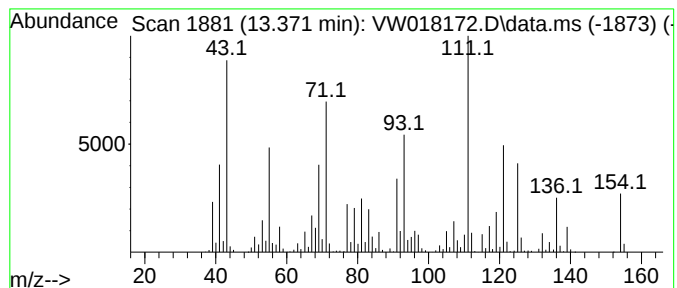
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Quant Title : VOC Analysis

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

Peak Number 8 7-Oxabicyclo[2.2.1]heptane,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.371	129.76 ug/L	1459980	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	94
2			3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	86
3			7-Oxabicyclo[2.2.1]heptane, 1-me...	154	C10H18O	000470-67-7	70
4			Terpinen-4-ol	154	C10H18O	000562-74-3	70
5			3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

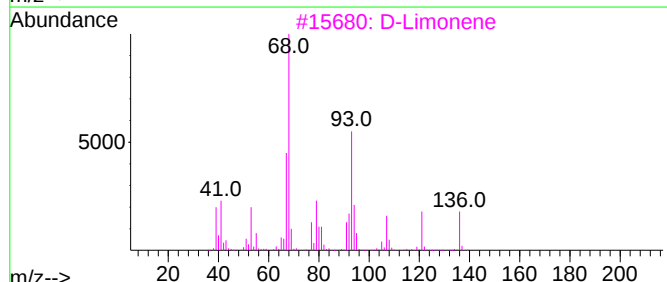
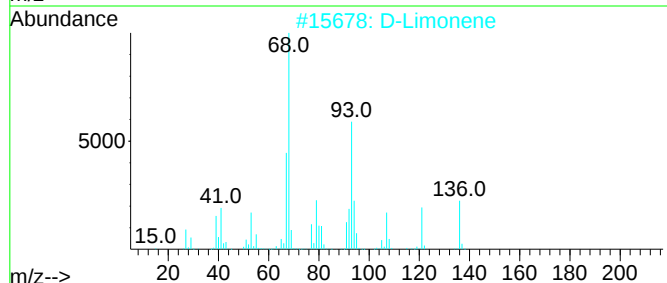
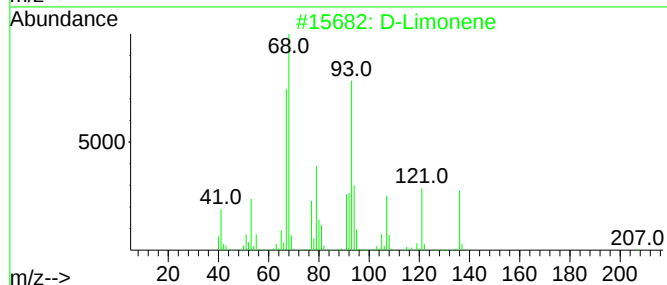
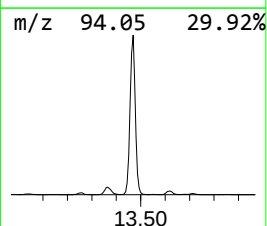
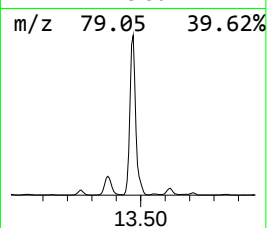
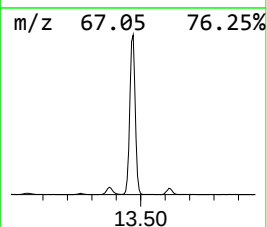
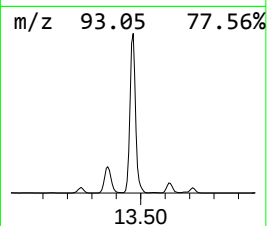
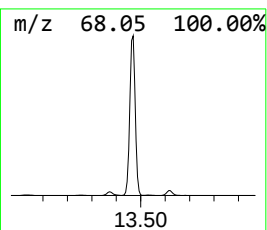
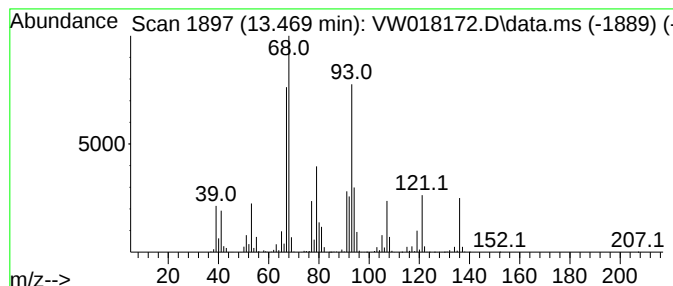
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Quant Title : VOC Analysis

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

Peak Number 9 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	377.35 ug/L	4245760	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		D-Limonene	136	C10H16	005989-27-5	99
2		D-Limonene	136	C10H16	005989-27-5	94
3		D-Limonene	136	C10H16	005989-27-5	94
4		D-Limonene	136	C10H16	005989-27-5	93
5		Limonene	136	C10H16	000138-86-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

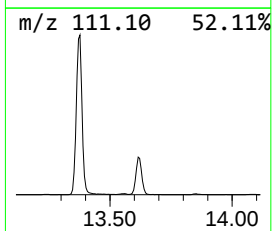
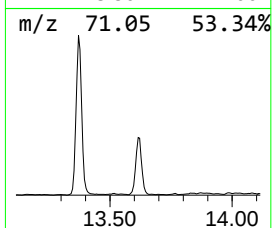
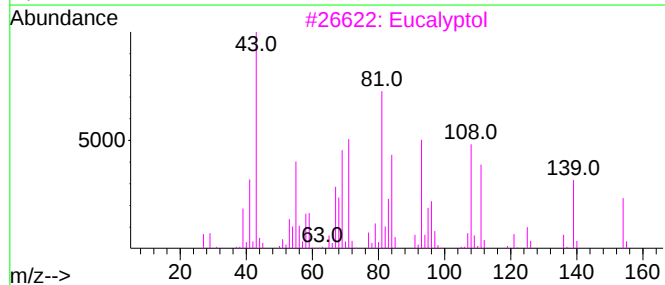
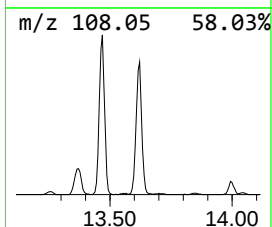
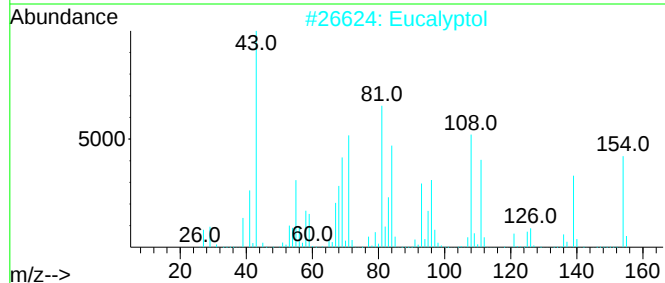
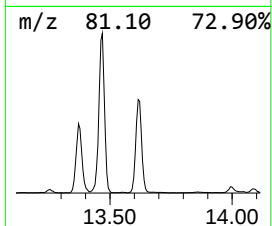
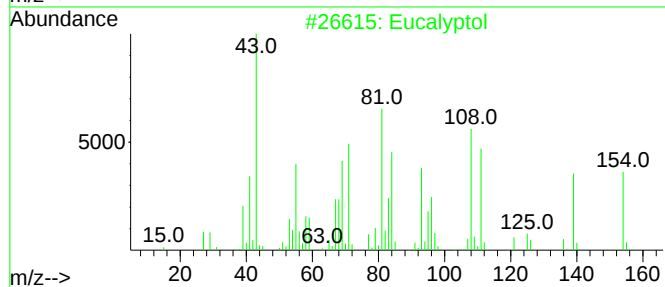
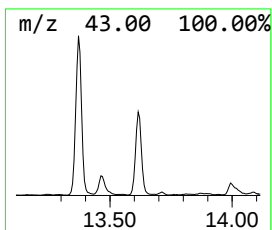
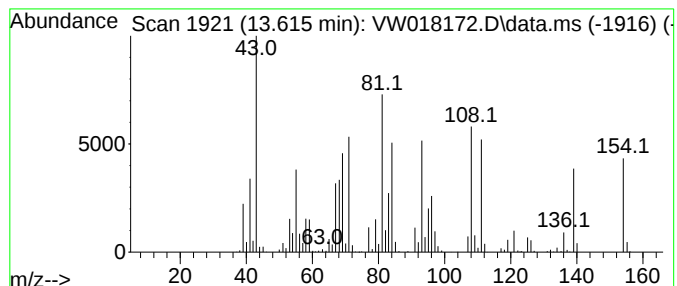
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Quant Title : VOC Analysis

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

Peak Number 10 Eucalyptol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.615	58.93 ug/L	663109	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol			154	C10H18O	000470-82-6	99
2	Eucalyptol			154	C10H18O	000470-82-6	96
3	Eucalyptol			154	C10H18O	000470-82-6	95
4	Eucalyptol			154	C10H18O	000470-82-6	94
5	Eucalyptol			154	C10H18O	000470-82-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

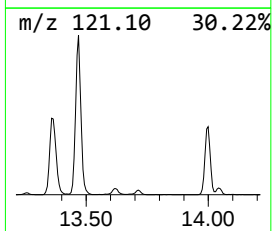
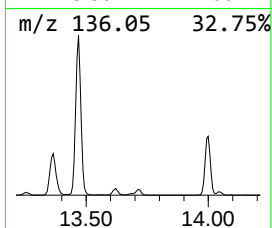
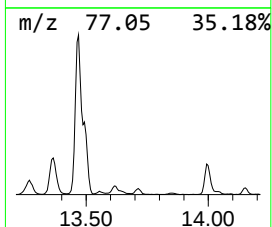
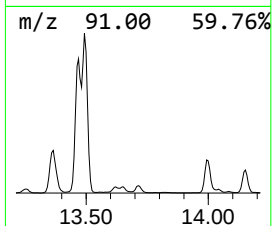
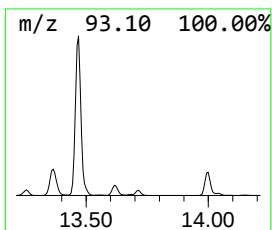
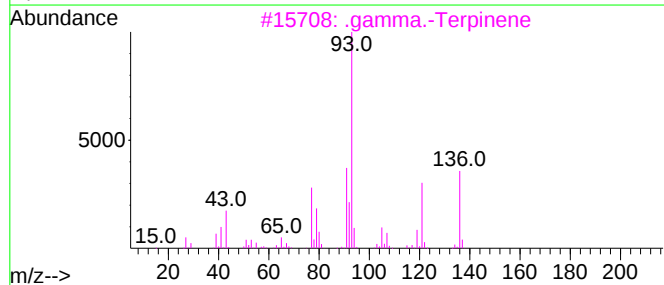
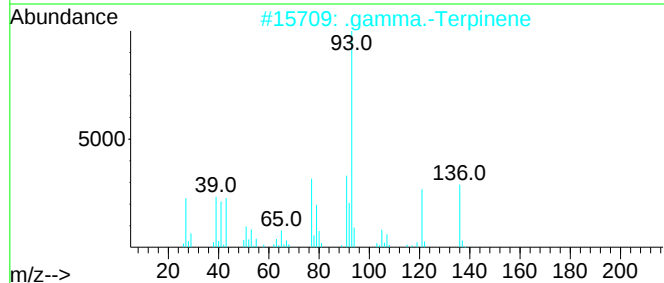
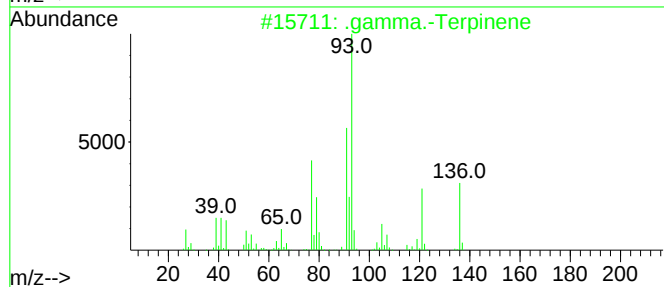
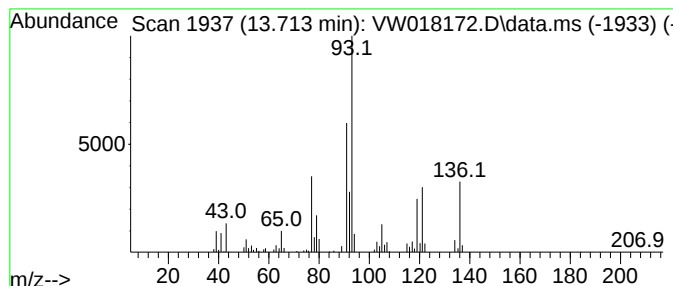
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Quant Title : VOC Analysis

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

Peak Number 11 .gamma.-Terpinene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.713	5.78 ug/L	65021	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Terpinene	136	C10H16	000099-85-4	90
2			.gamma.-Terpinene	136	C10H16	000099-85-4	76
3			.gamma.-Terpinene	136	C10H16	000099-85-4	74
4			.gamma.-Terpinene	136	C10H16	000099-85-4	72
5			Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

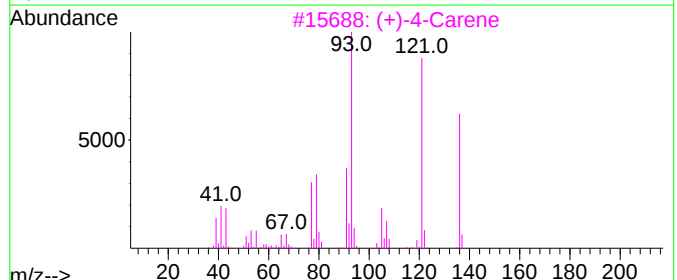
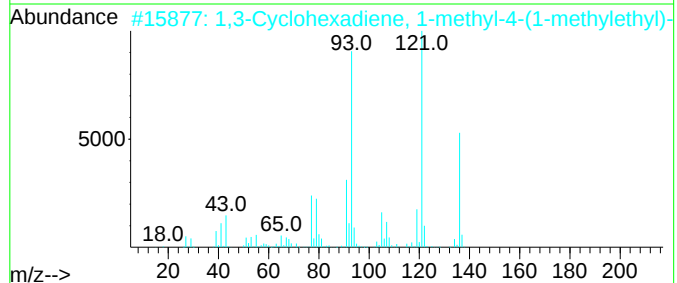
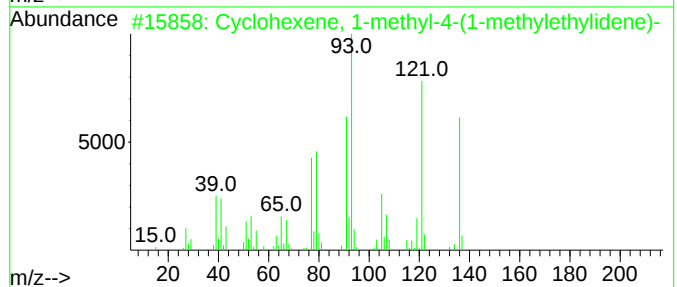
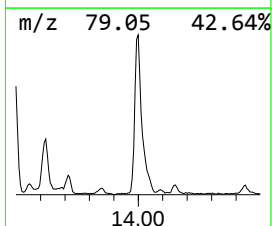
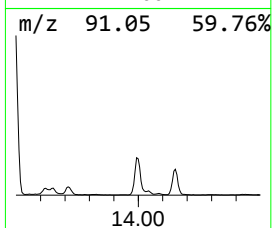
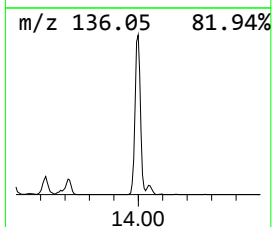
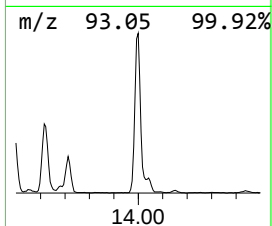
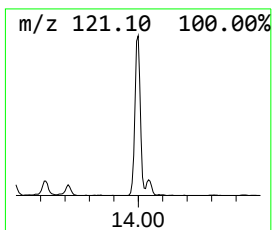
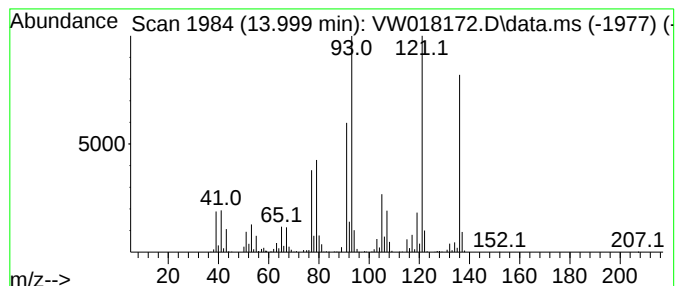
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Quant Title : VOC Analysis

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

Peak Number 12 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.999	46.04 ug/L	518026	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	98
2			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	97
3			(+)-4-Carene	136	C10H16	029050-33-7	96
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	96
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

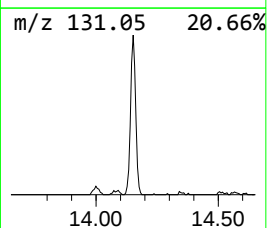
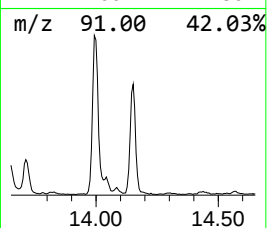
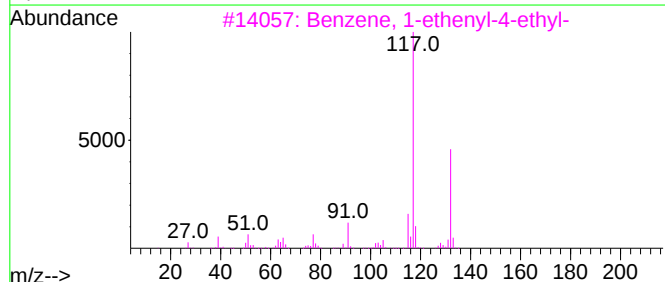
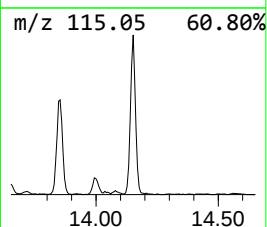
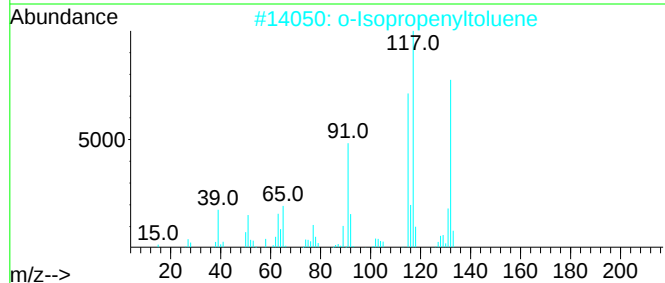
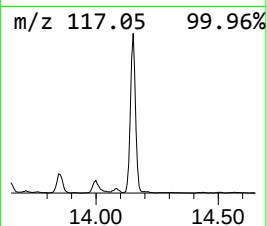
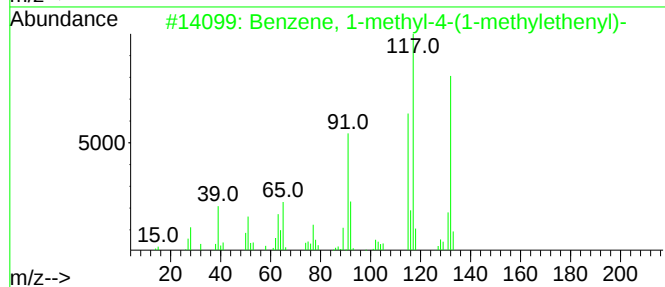
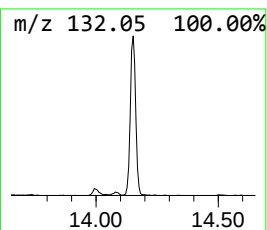
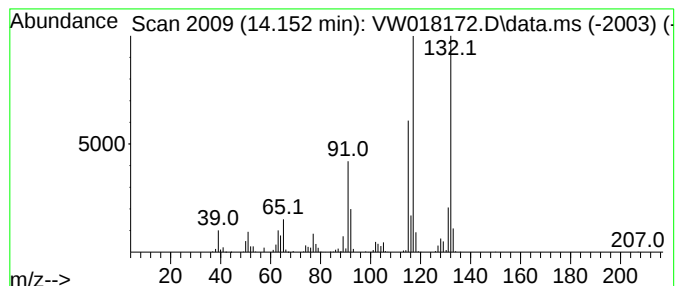
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1-methyl-4-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.152	27.00 ug/L	303746	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	96
2			o-Isopropenyltoluene	132	C10H12	007399-49-7	95
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	92
4			Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	90
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

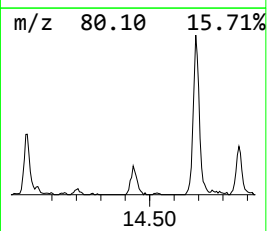
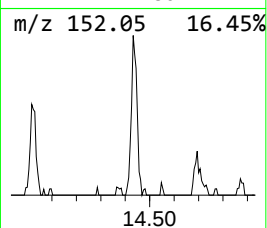
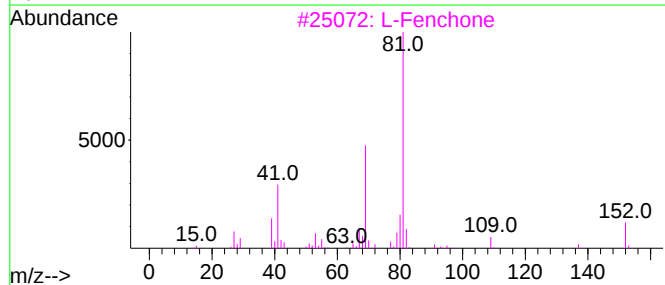
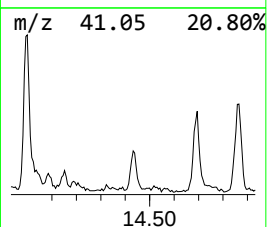
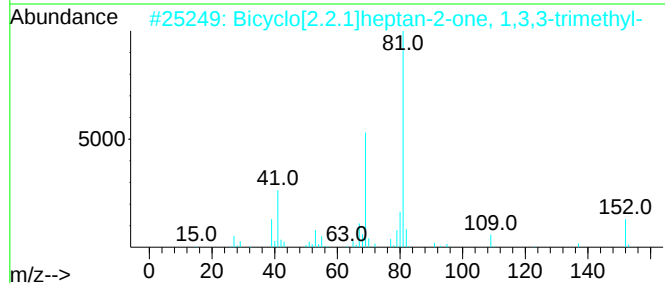
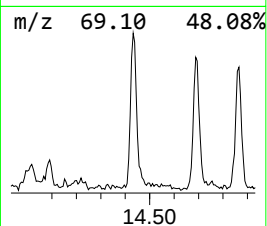
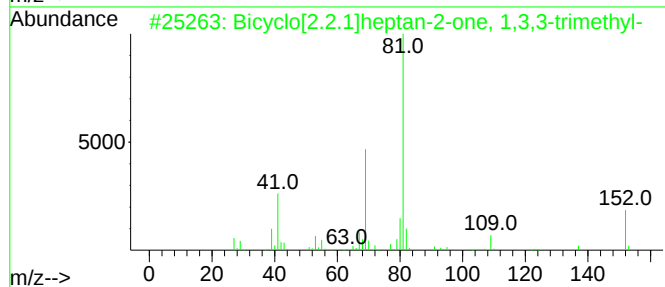
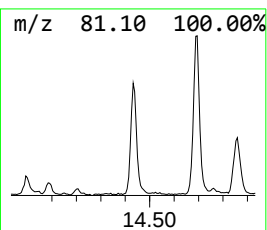
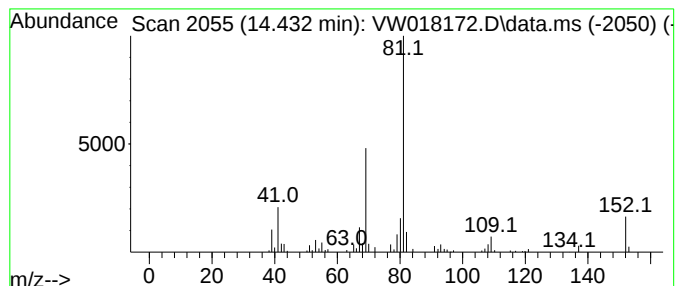
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Quant Title : VOC Analysis

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

Peak Number 14 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.432	4.77 ug/L	53633	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94
2			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94
3			L-Fenchone	152	C10H16O	007787-20-4	91
4			D-Fenchone	152	C10H16O	004695-62-9	90
5			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

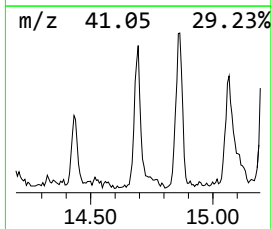
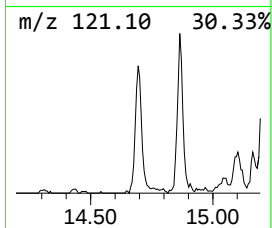
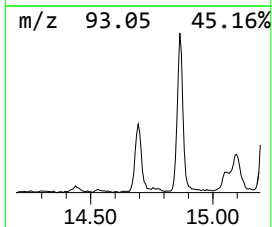
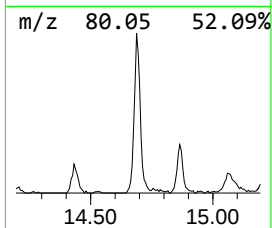
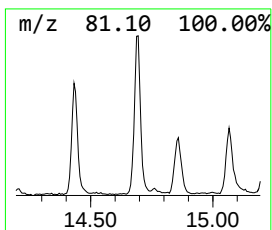
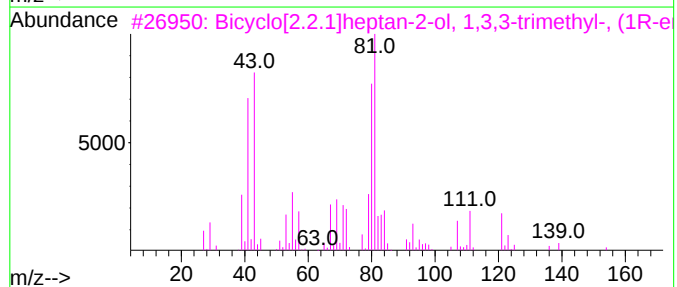
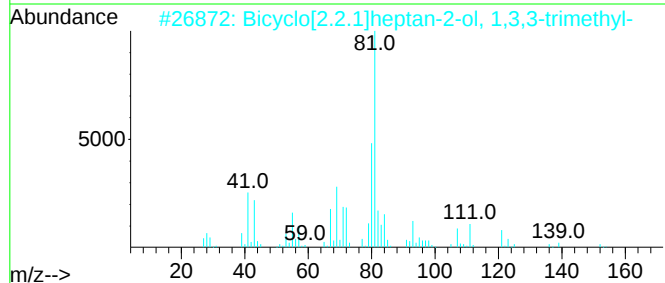
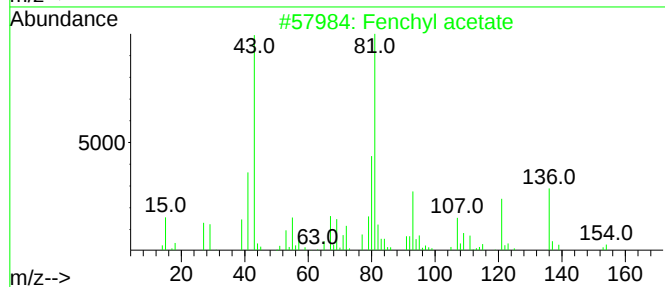
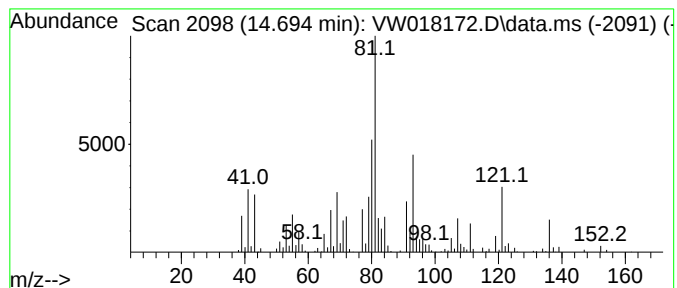
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Quant Title : VOC Analysis

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

Peak Number 15 Fenchyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.694	16.50 ug/L	185643	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fenchyl acetate	196	C12H20O2	013851-11-1	53
2			Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	52
3			Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	38
4			Cyclohexane, 1,2-dichloro-, trans-	152	C6H10Cl2	000822-86-6	38
5			Fenchol, exo-	154	C10H18O	022627-95-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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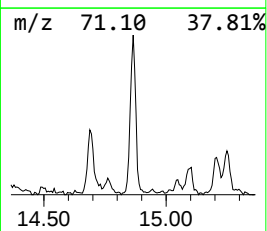
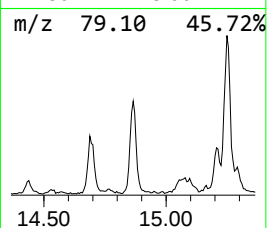
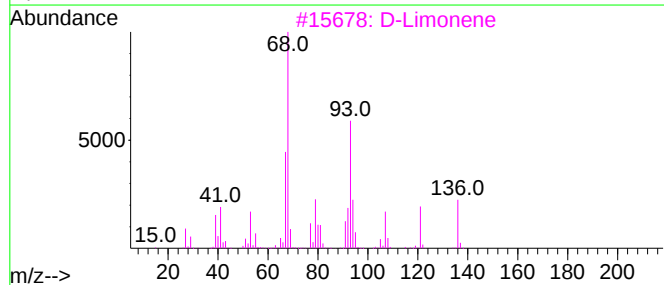
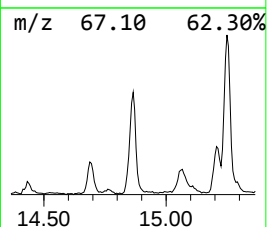
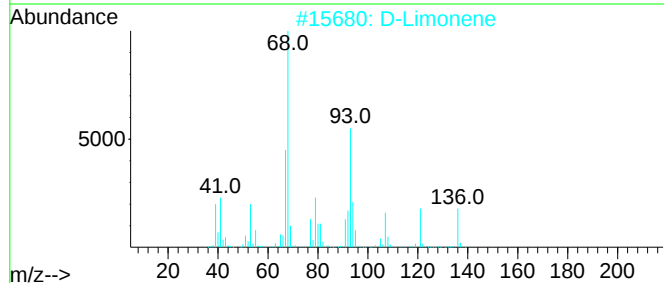
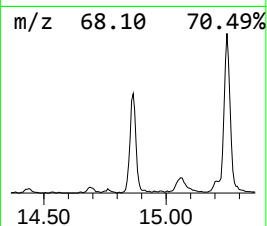
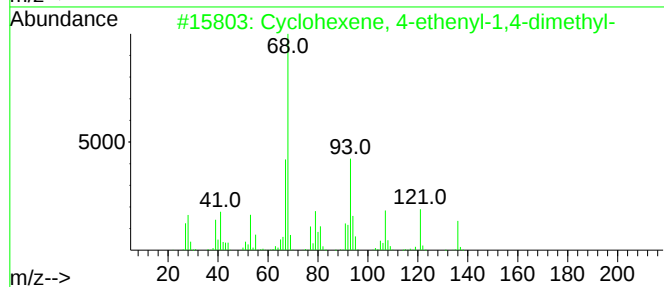
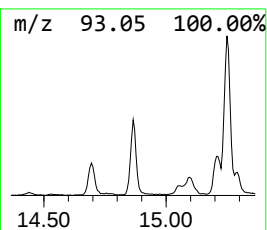
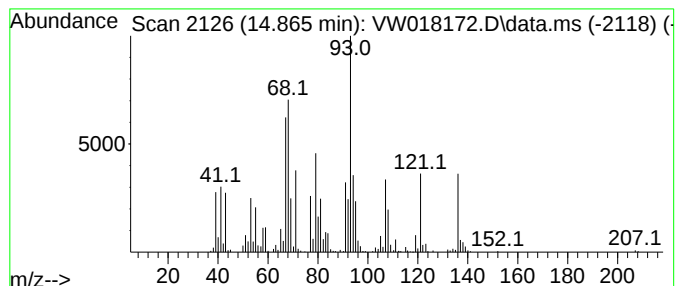
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Quant Title : VOC Analysis

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

Peak Number 16 Cyclohexene, 4-ethenyl-1,4-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.865	22.47 ug/L	252845	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	83
2			D-Limonene	136	C10H16	005989-27-5	74
3			D-Limonene	136	C10H16	005989-27-5	74
4			D-Limonene	136	C10H16	005989-27-5	74
5			Limonene	136	C10H16	000138-86-3	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

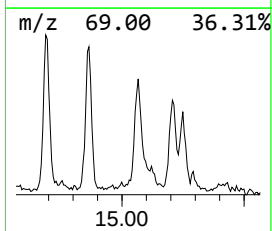
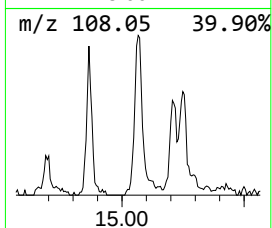
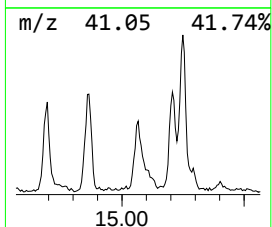
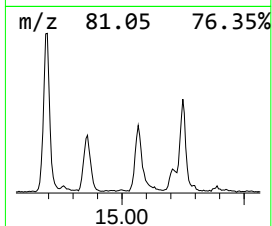
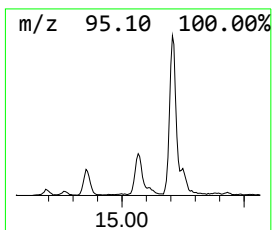
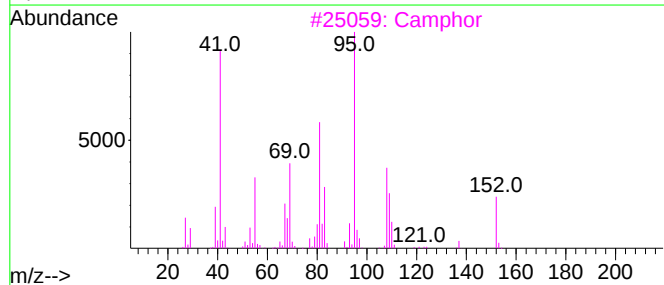
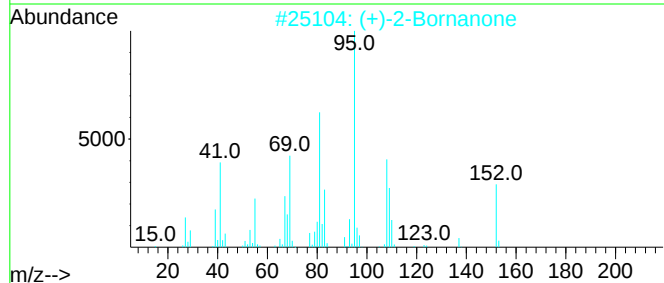
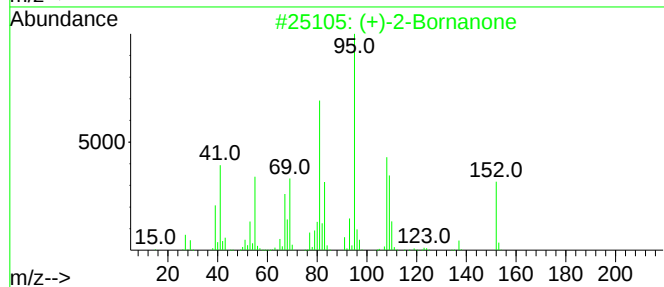
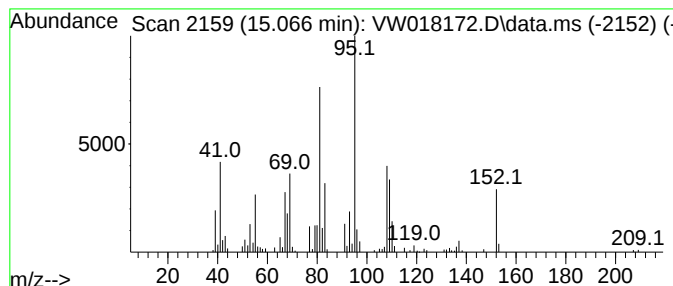
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Quant Title : VOC Analysis

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

Peak Number 17 (+)-2-Bornanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.066	13.85 ug/L	155795	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2		(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3		Camphor	152	C10H16O	000076-22-2	97
4		Camphor	152	C10H16O	000076-22-2	97
5		(+)-2-Bornanone	152	C10H16O	000464-49-3	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

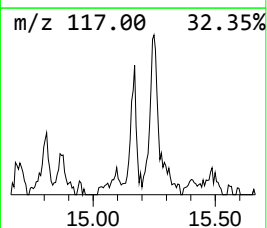
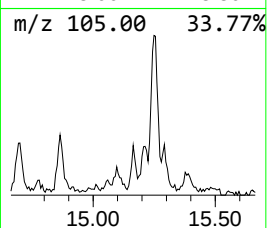
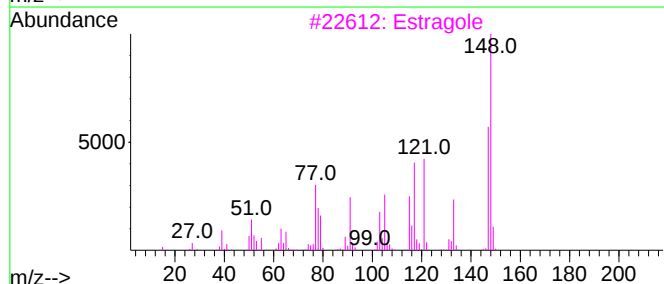
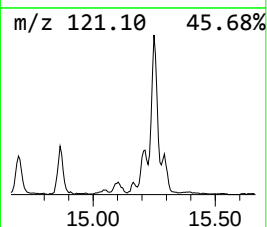
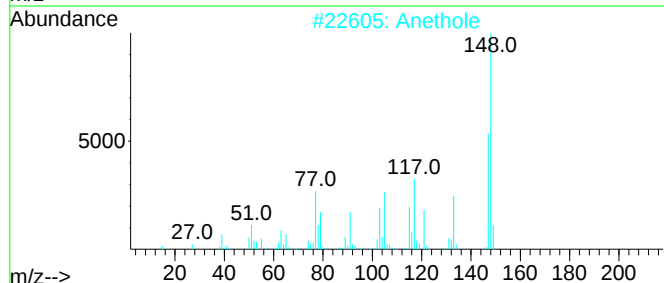
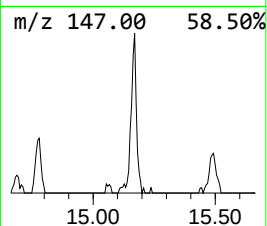
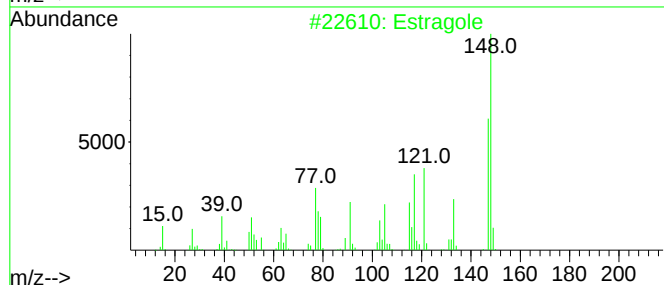
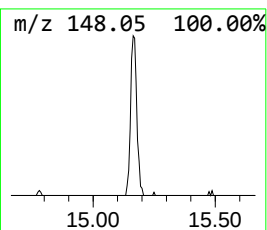
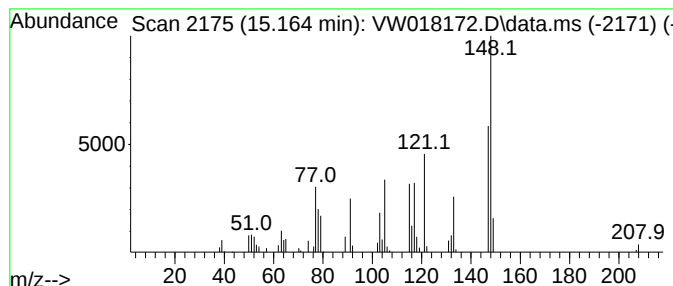
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Quant Title : VOC Analysis

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

Peak Number 18 Estragole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.164	1.65 ug/L	18573	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Estragole	148	C10H12O	000140-67-0	97
2			Anethole	148	C10H12O	000104-46-1	96
3			Estragole	148	C10H12O	000140-67-0	96
4			Anethole	148	C10H12O	000104-46-1	95
5			Anethole	148	C10H12O	000104-46-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

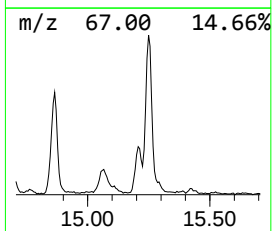
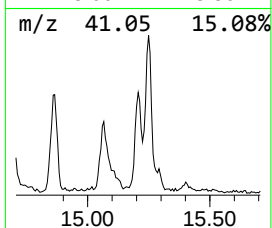
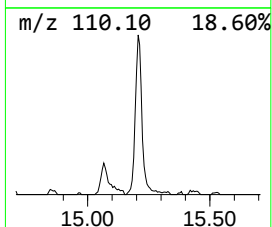
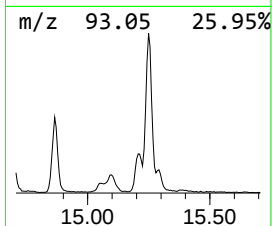
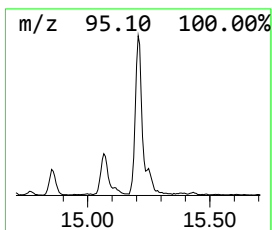
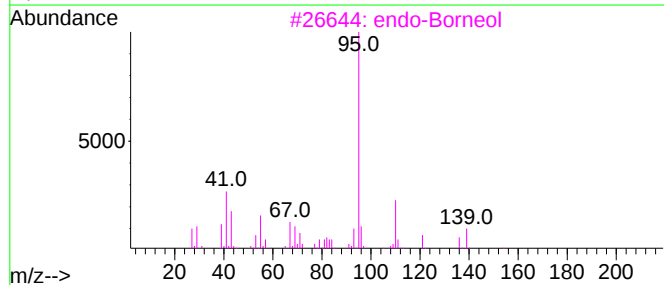
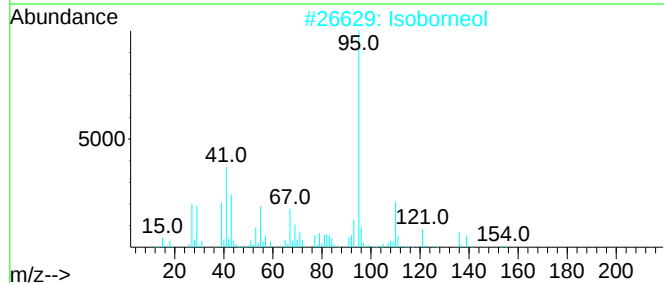
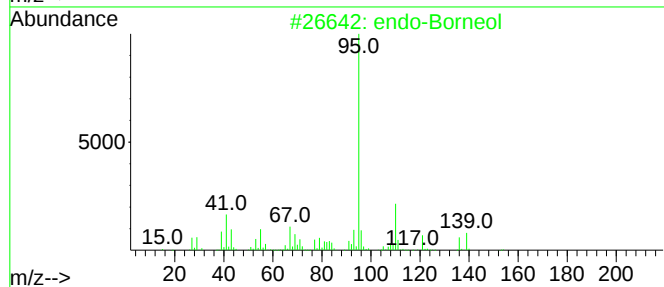
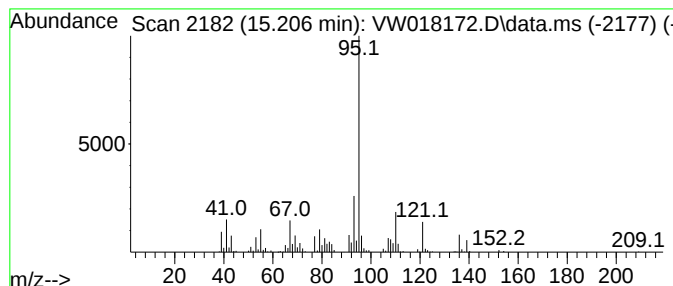
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Quant Title : VOC Analysis

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

Peak Number 19 endo-Borneol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.206	14.37 ug/L	161662	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			endo-Borneol	154	C10H18O	000507-70-0	81
2			Isoborneol	154	C10H18O	000124-76-5	81
3			endo-Borneol	154	C10H18O	000507-70-0	72
4			Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	52
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

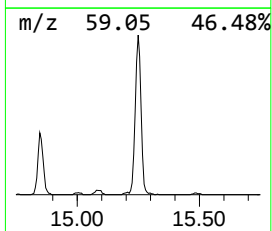
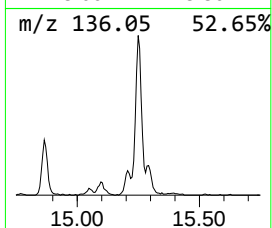
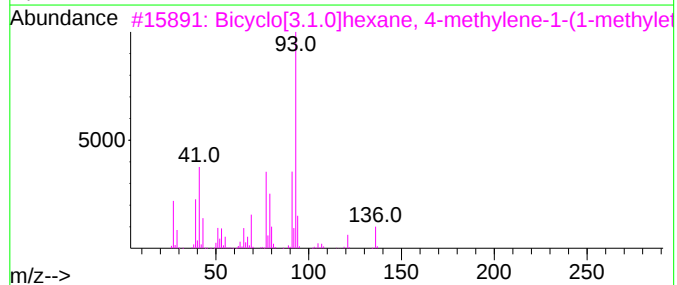
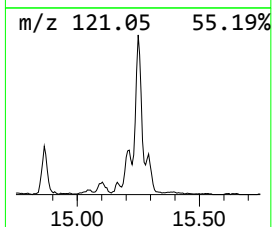
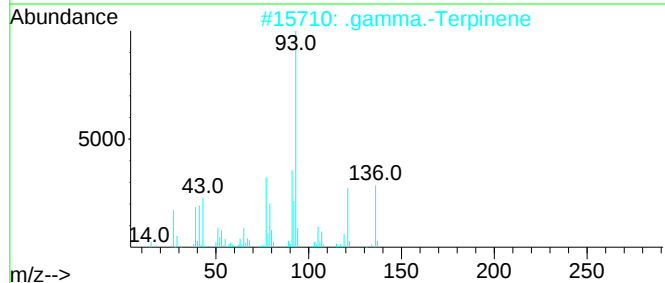
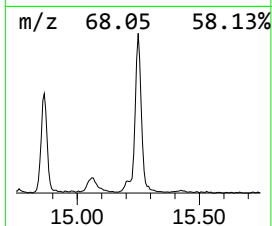
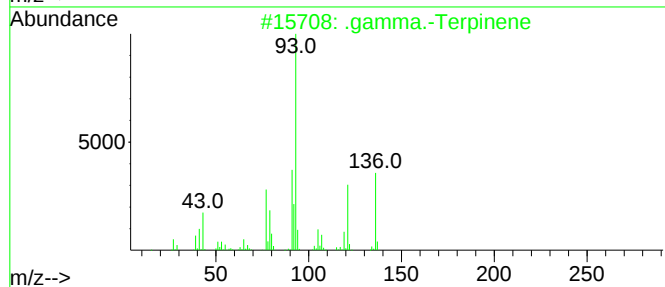
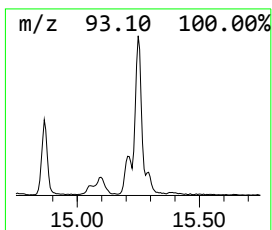
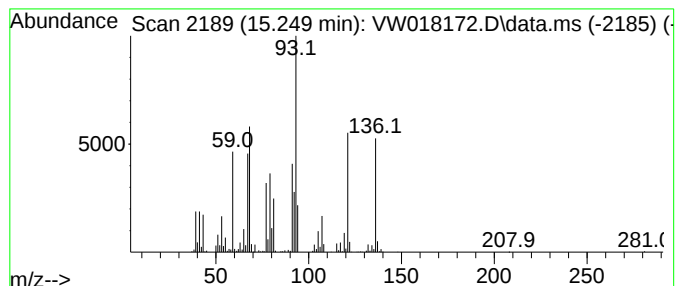
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Quant Title : VOC Analysis

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

Peak Number 20 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.249	30.83 ug/L	346919	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Terpinene	136	C10H16	000099-85-4	55
2		.gamma.-Terpinene	136	C10H16	000099-85-4	49
3		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	46
4		.beta.-Phellandrene	136	C10H16	000555-10-2	43
5		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

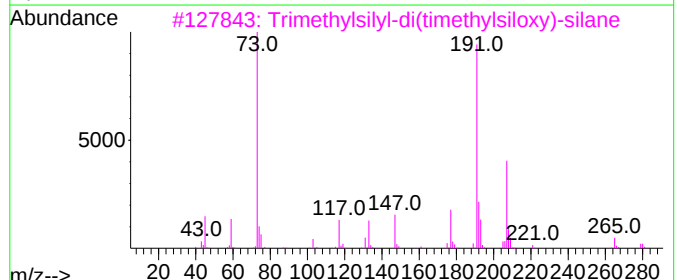
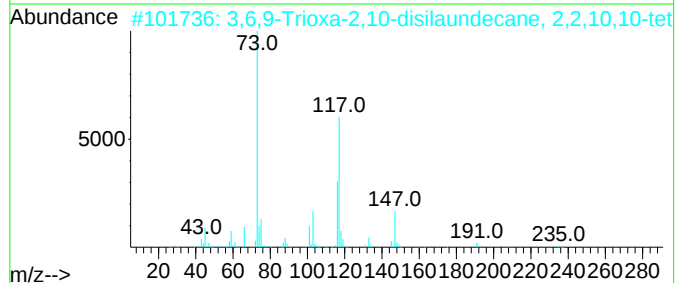
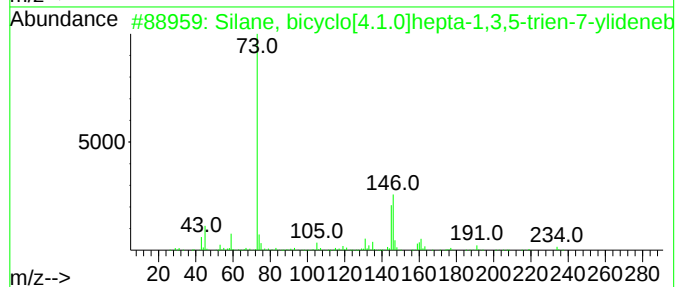
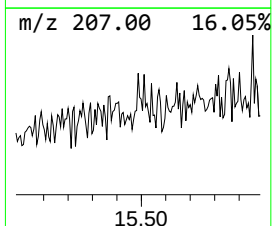
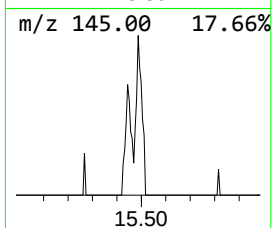
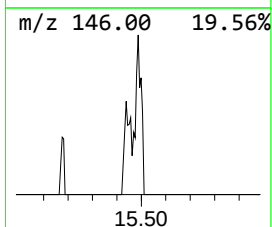
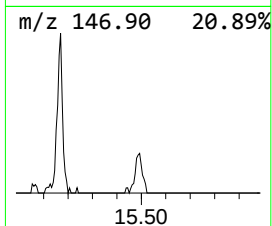
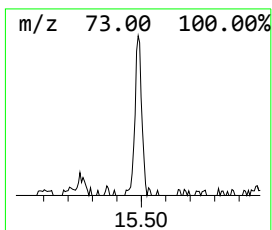
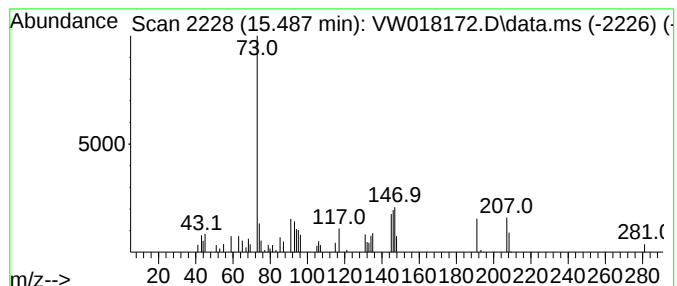
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.487	1.33 ug/L	14928	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, bicyclo[4.1.0]hepta-1,3,...	234	C13H22Si2	103322-20-9	25
2			3,6,9-Trioxa-2,10-disilaundecane...	250	C10H26O3Si2	016654-74-3	23
3			Trimethylsilyl-di(trimethylsiloxy)...	280	C9H28O2Si4	139347-50-5	12
4			Trimethylsilyl-di(trimethylsiloxy)...	280	C9H28O2Si4	139347-50-5	12
5			Allyl dithiopropionate	146	C6H10S2	041830-43-7	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021621\
Data File : VW018172.D
Acq On : 16 Feb 2021 19:03
Operator : SY/VA
Sample : M1414-15
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furan	3.727	1.6	ug/L	51578	1	8.842	795891	25.0
Tricyclo[2.2.1....	12.365	1.8	ug/L	45271	2	11.628	640056	25.0
(DEL) Alkane: C...	12.920	11.8	ug/L	132923	3	13.554	281292	25.0
Cyclohexene, 4-...	13.042	5.7	ug/L	64267	3	13.554	281292	25.0
Cyclohexene, 4-...	13.256	12.4	ug/L	139143	3	13.554	281292	25.0
7-Oxabicyclo[2....	13.371	129.8	ug/L	1459980	3	13.554	281292	25.0
D-Limonene	13.469	377.4	ug/L	4245760	3	13.554	281292	25.0
Eucalyptol	13.615	58.9	ug/L	663109	3	13.554	281292	25.0
.gamma.-Terpinene	13.713	5.8	ug/L	65021	3	13.554	281292	25.0
Cyclohexene, 1-...	13.999	46.0	ug/L	518026	3	13.554	281292	25.0
Benzene, 1-meth...	14.152	27.0	ug/L	303746	3	13.554	281292	25.0
Bicyclo[2.2.1]h...	14.432	4.8	ug/L	53633	3	13.554	281292	25.0
Fenchyl acetate	14.694	16.5	ug/L	185643	3	13.554	281292	25.0
Cyclohexene, 4-...	14.865	22.5	ug/L	252845	3	13.554	281292	25.0
(+)-2-Bornanone	15.066	13.9	ug/L	155795	3	13.554	281292	25.0
Estragole	15.164	1.6	ug/L	18573	3	13.554	281292	25.0
endo-Borneol	15.206	14.4	ug/L	161662	3	13.554	281292	25.0
unknown-01	15.249	30.8	ug/L	346919	3	13.554	281292	25.0
unknown-02	15.487	1.3	ug/L	14928	3	13.554	281292	25.0